

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
 Data File : BM045800.D
 Acq On : 03 Jun 2024 11:34
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Quant Time: Jun 03 12:56:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	245254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	976221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	582135	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1168323	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	950006	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	976709	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	31082	4.914	ng/uL	0.00
4) Pyridine-d5	3.469	84	383295	23.533	ng/u1	0.00
7) Phenol-d5	6.722	99	514476	24.693	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	372708	24.912	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	384537	24.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	355779	22.602	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	193042	25.291	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	190099	24.608	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	343366	23.703	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	468915	23.389	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	1010994	25.086	ng/u1	0.00
49) Acenaphthylene-d8	13.804	160	1144367	24.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	163557	18.805	ng/u1	0.00
60) Fluorene-d10	15.110	176	862013	25.072	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	113665	19.052	ng/u1	0.00
73) Anthracene-d10	16.957	188	1117828	22.009	ng/u1	0.00
81) Pyrene-d10	19.251	212	1389990	23.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	1140496	24.984	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	7839	1.120	ng/uL#	89
5) Pyridine	3.493	79	77855	4.654	ng/u1#	51
6) Benzaldehyde	6.640	77	67129	6.850	ng/u1	93
8) Phenol	6.746	94	98806	4.573	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.928	93	84634	4.693	ng/u1	99
12) 2-Chlorophenol	7.063	128	74663	4.554	ng/u1	95
13) 2-Methylphenol	7.969	108	63766	4.030	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.010	45	174365	4.908	ng/u1	98
16) Acetophenone	8.310	105	122497	4.669	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.304	70	67736	4.673	ng/u1	99
18) 4-Methylphenol	8.298	108	73101	4.465	ng/u1	100
19) Hexachloroethane	8.534	117	36607	4.649	ng/u1	96
22) Nitrobenzene	8.675	77	103213	4.832	ng/u1	96
23) Isophorone	9.222	82	165052	4.373	ng/u1	99
25) 2-Nitrophenol	9.375	139	39499	4.678	ng/u1	99
26) 2,4-Dimethylphenol	9.487	107	37198	2.171	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.704	93	105681	4.612	ng/u1	98
29) 2,4-Dichlorophenol	9.922	162	68489	4.745	ng/u1	99
30) Naphthalene	10.287	128	247819	4.761	ng/u1	99
32) 4-Chloroaniline	10.445	127	90962	4.641	ng/u1	99
33) Hexachlorobutadiene	10.581	225	45675	4.620	ng/u1	98
34) Caprolactam	11.328	113	18070m	4.445	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	65849	4.205	ng/u1	97
36) 2-Methylnaphthalene	11.910	142	163062	4.730	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.133	142	164714	4.779	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.281	216	80724	4.630	ng/ul	96
40) Hexachlorocyclopentadiene	12.269	237	35293	3.335	ng/ul	98
41) 2,4,6-Trichlorophenol	12.557	196	39795	3.923	ng/ul#	94
42) 2,4,5-Trichlorophenol	12.633	196	44959	4.084	ng/ul	97
43) 1,1'-Biphenyl	12.945	154	205382	4.755	ng/ul	98
44) 2-Chloronaphthalene	12.980	162	161361	4.768	ng/ul	99
45) 2-Nitroaniline	13.227	65	49165	4.254	ng/ul	98
47) Dimethylphthalate	13.610	163	194497	4.753	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	31903	4.052	ng/ul#	84
50) Acenaphthylene	13.833	152	256573	4.737	ng/ul	99
51) 3-Nitroaniline	14.069	138	29393	4.066	ng/ul	95
52) Acenaphthene	14.174	153	172677	4.777	ng/ul	98
53) 2,4-Dinitrophenol	14.251	184	20254	5.650	ng/ul	93
55) 4-Nitrophenol	14.422	109	36812	5.130	ng/ul	96
56) Dibenzofuran	14.516	168	232715	4.774	ng/ul	99
57) 2,4-Dinitrotoluene	14.504	165	49333	4.530	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.763	232	34325	4.127	ng/ul	93
59) Diethylphthalate	14.980	149	194347	4.743	ng/ul	99
61) Fluorene	15.163	166	189886	4.835	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.174	204	94822	4.864	ng/ul	99
63) 4-Nitroaniline	15.239	138	28884	4.812	ng/ul#	53
66) 4,6-Dinitro-2-methylph...	15.263	198	28249	4.314	ng/ul#	77
67) N-Nitrosodiphenylamine	15.392	169	146338	4.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.063	248	53563	4.397	ng/ul	98
69) Hexachlorobenzene	16.163	284	60935	4.523	ng/ul	98
70) Atrazine	16.368	200	53748	5.356	ng/ul	97
71) Pentachlorophenol	16.533	266	49112	7.185	ng/ul	94
72) Phenanthrene	16.898	178	288339	4.684	ng/ul	99
74) Anthracene	16.986	178	256523	4.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.904	216	76268	4.209	ng/uL	96
76) Pentachlorobenzene	14.433	250	79695	4.703	ng/uL	93
77) Carbazole	17.280	167	238492	4.546	ng/ul	98
78) Di-n-butylphthalate	17.851	149	303383	4.397	ng/ul	98
80) Fluoranthene	18.921	202	316783	4.423	ng/ul	99
82) Pyrene	19.280	202	333436	4.531	ng/ul	98
83) Butylbenzylphthalate	20.215	149	120929	4.032	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.003	252	59384	3.165	ng/ul	95
85) Benzo(a)anthracene	21.051	228	296825	4.525	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.009	149	181196	4.067	ng/ul	100
87) Chrysene	21.109	228	280972	4.630	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	290411	3.888	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	271752	4.527	ng/ul	100
91) Benzo(k)fluoranthene	22.992	252	274869	4.688	ng/ul	96
93) Benzo(a)pyrene	23.662	252	236331	4.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.785	276	263466	4.574	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	207196	4.548	ng/ul	98
96) Benzo(g,h,i)perylene	27.721	276	241682	4.764	ng/ul	97

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

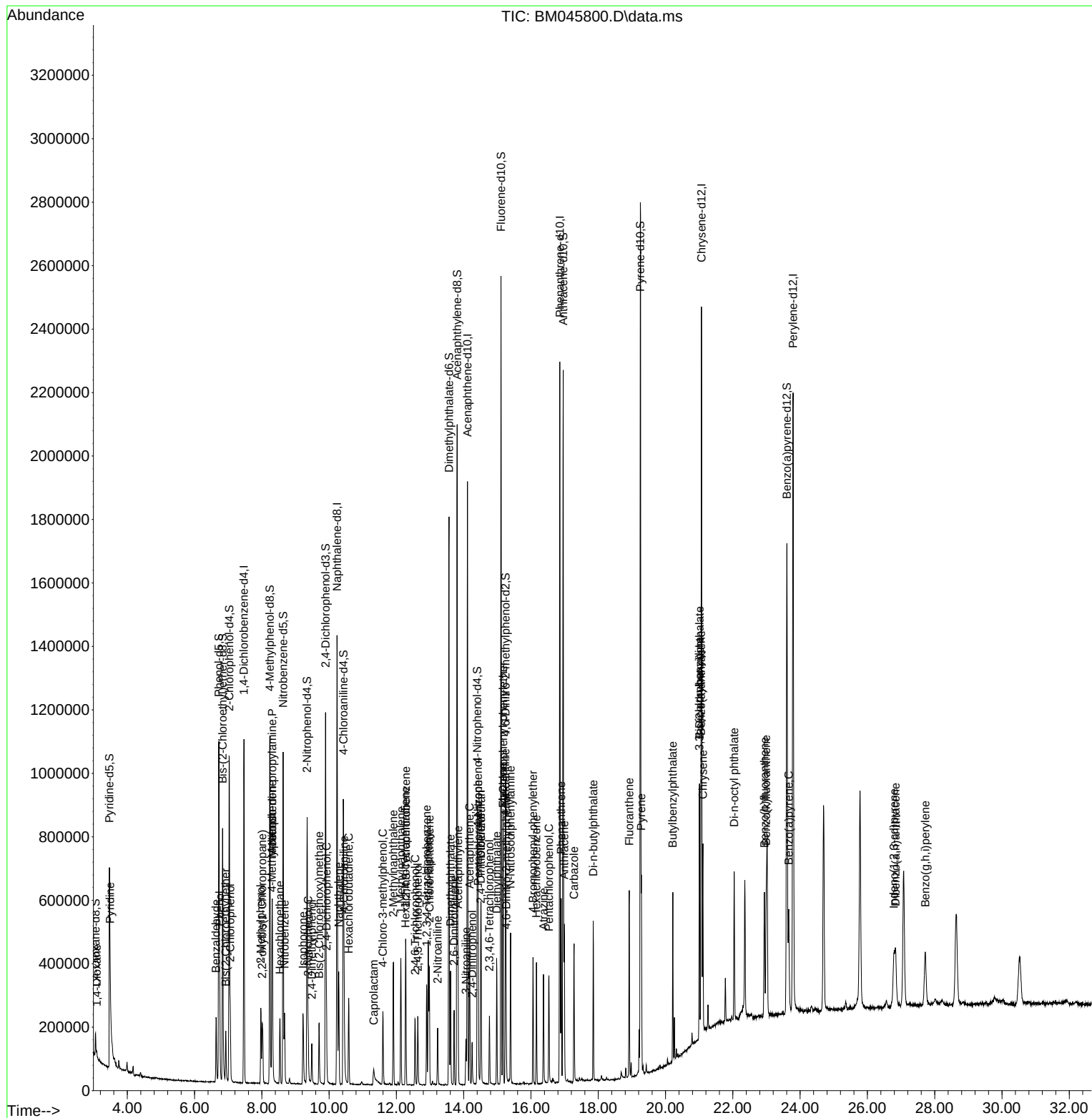
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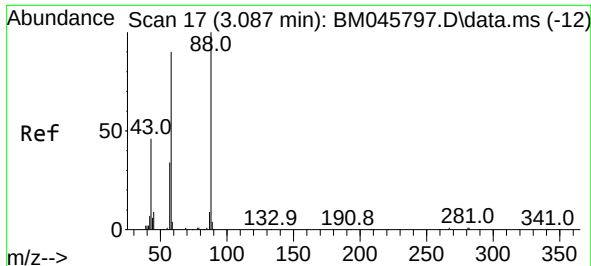
Instrument :
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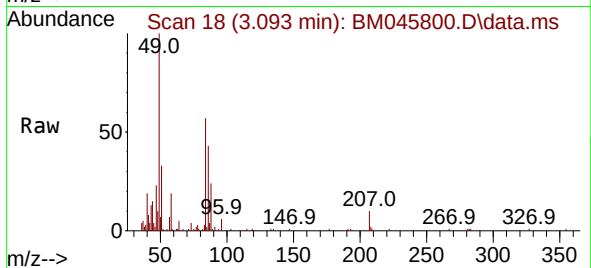
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024





#2
1,4-Dioxane
Concen: 1.120 ng/uL
RT: 3.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

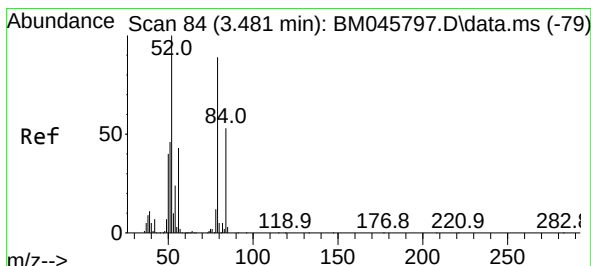
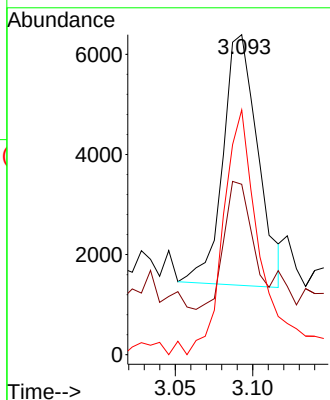
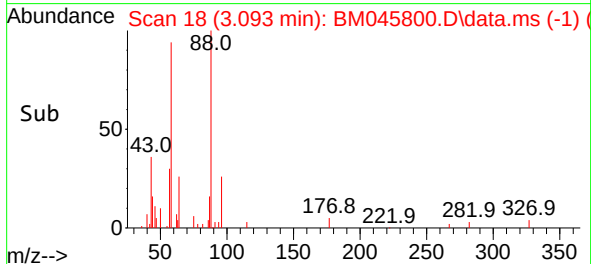
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



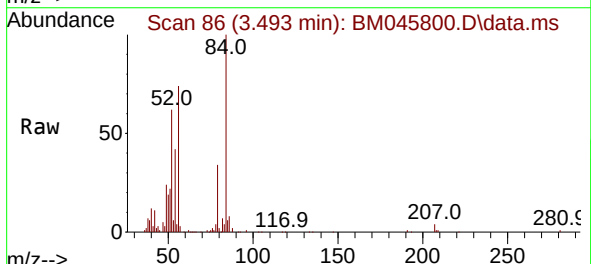
Tgt Ion: 88 Resp: 7839
Ion Ratio Lower Upper
88 100
43 53.3 35.1 52.7
58 76.5 67.4 101.2

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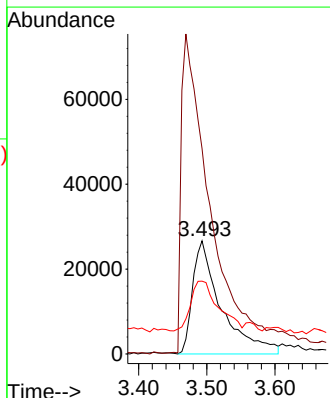
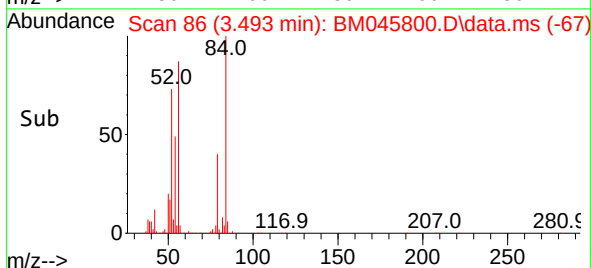
Reviewed By :Jagrut Upadhyay 06/04/2024
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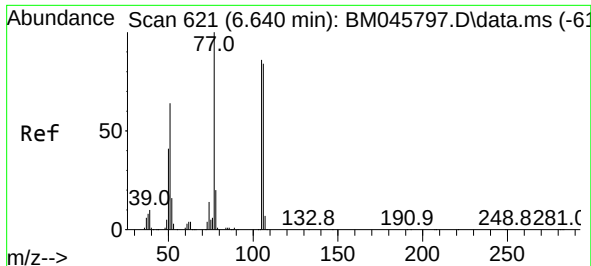


#5
Pyridine
Concen: 4.654 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. 0.012 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



Tgt Ion: 79 Resp: 77855
Ion Ratio Lower Upper
79 100
52 181.6 90.5 135.7#
51 64.3 41.5 62.3#





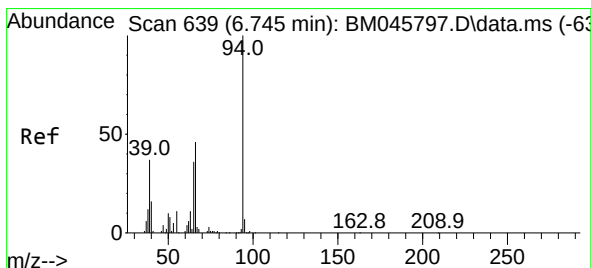
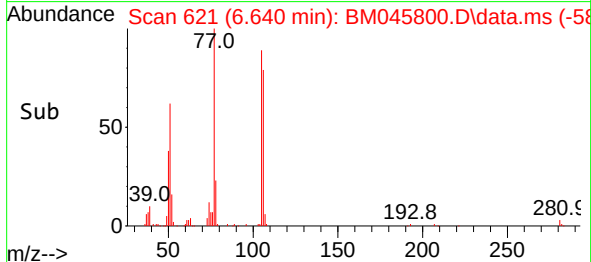
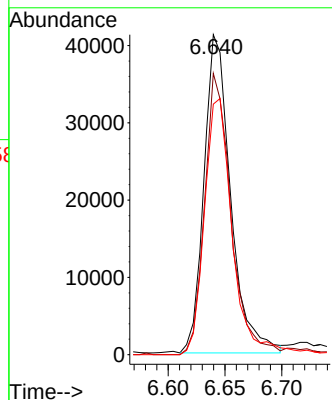
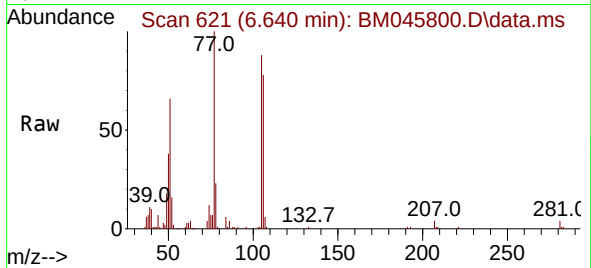
#6
Benzaldehyde
Concen: 6.850 ng/ul
RT: 6.640 min Scan# 612
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Instrument :
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ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion: 77 Resp: 67129
Ion Ratio Lower Upper
77 100
105 87.9 72.7 109.1
106 78.3 70.8 106.2

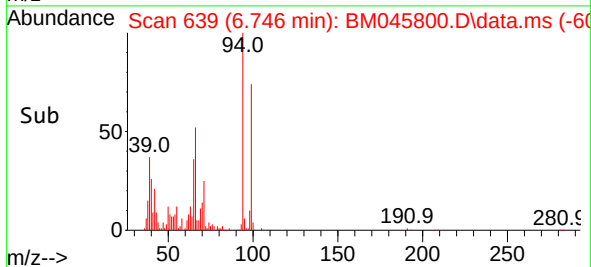
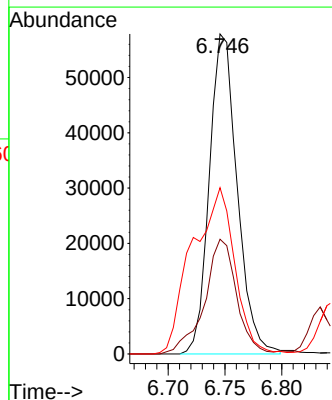
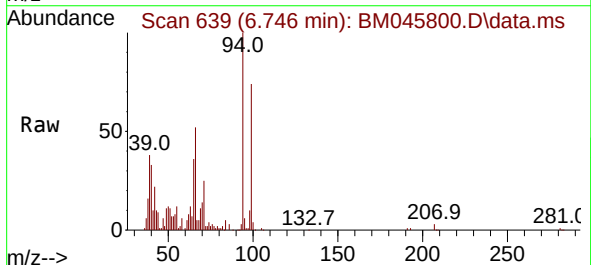
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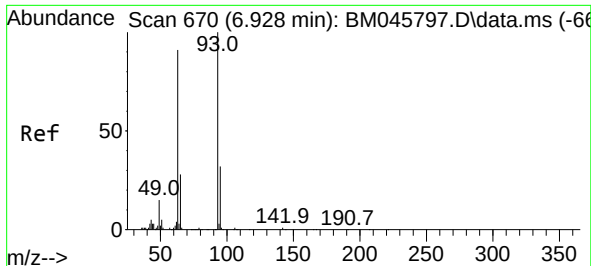
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#8
Phenol
Concen: 4.573 ng/ul
RT: 6.746 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

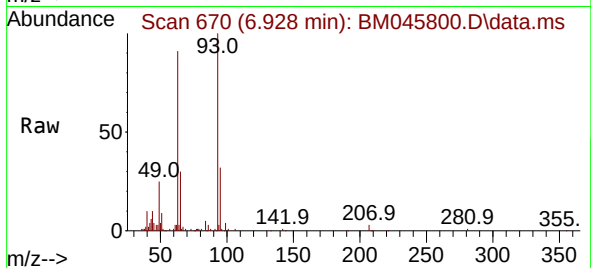
Tgt Ion: 94 Resp: 98806
Ion Ratio Lower Upper
94 100
65 35.8 26.8 40.2
66 51.9 35.1 52.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.693 ng/ul
RT: 6.928 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

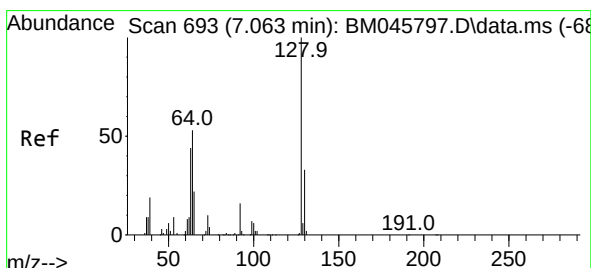
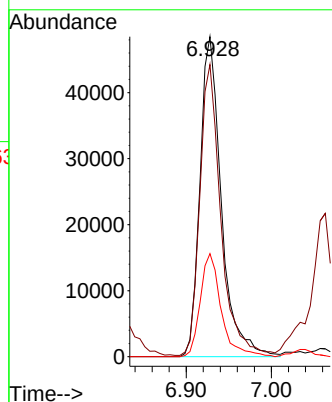
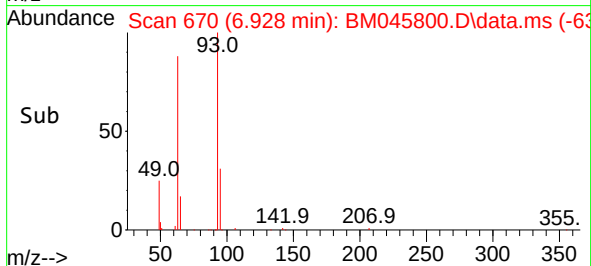
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 93 Resp: 84634
Ion Ratio Lower Upper
93 100
63 91.3 71.8 107.8
95 32.2 25.4 38.2

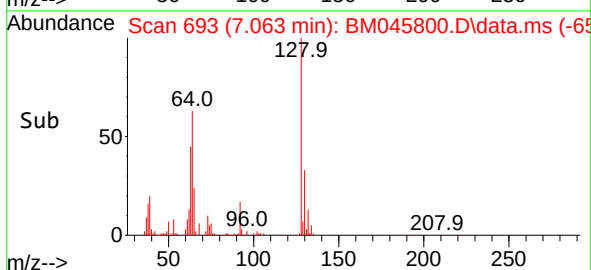
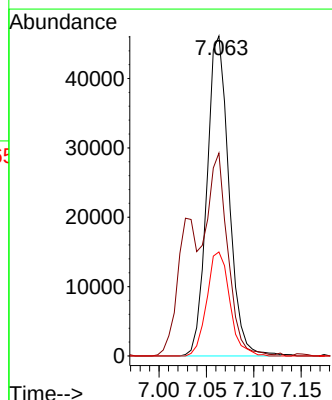
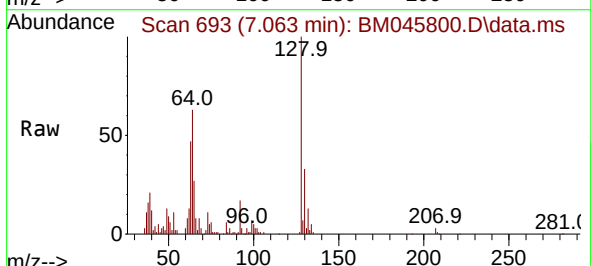
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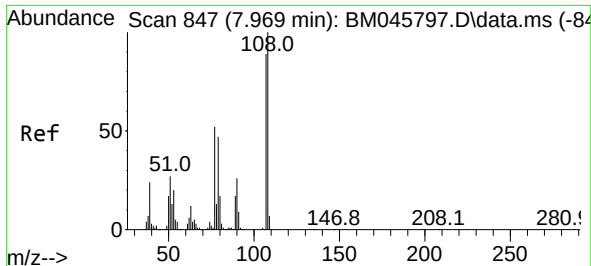
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#12
2-Chlorophenol
Concen: 4.554 ng/ul
RT: 7.063 min Scan# 693
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

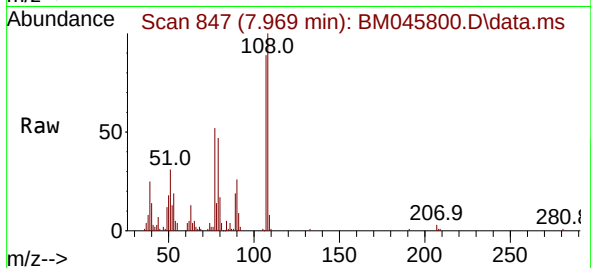
Tgt Ion:128 Resp: 74663
Ion Ratio Lower Upper
128 100
64 63.4 46.1 69.1
130 32.5 25.8 38.8





#13
2-Methylphenol
Concen: 4.030 ng/ul
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

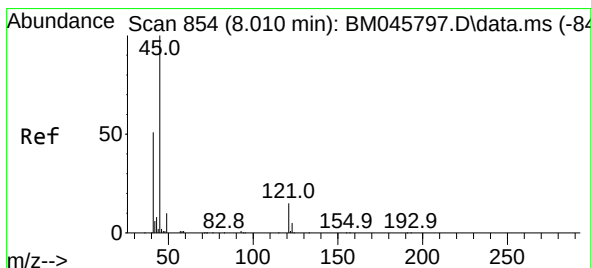
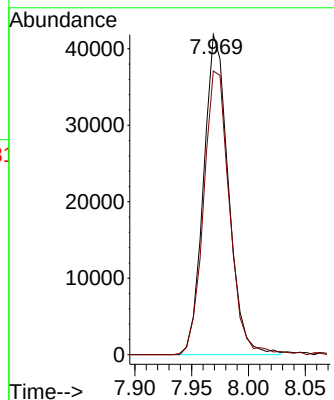
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 63760
Ion Ratio Lower Upper
108 100
107 88.7 74.8 112.2

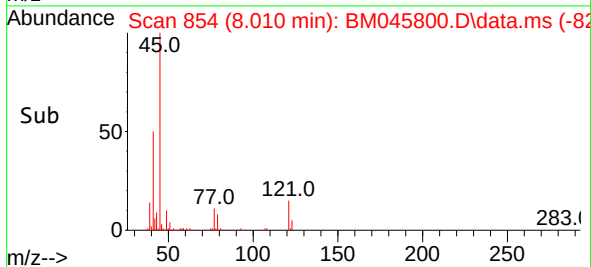
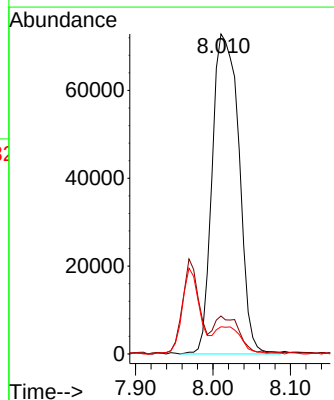
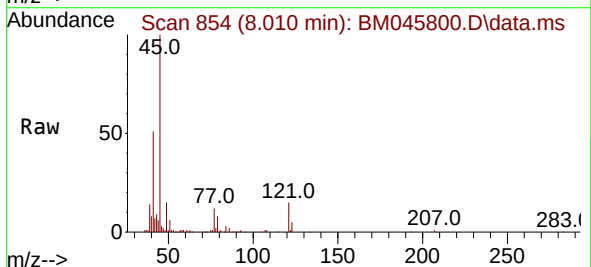
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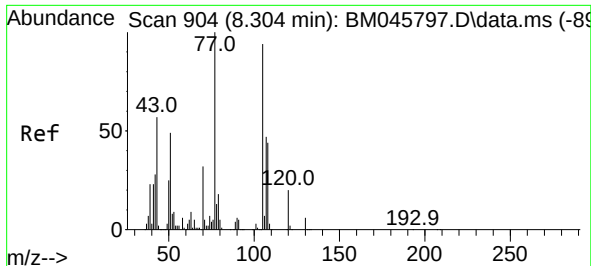
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.908 ng/ul
RT: 8.010 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

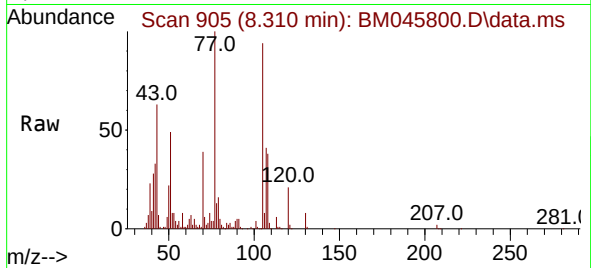
Tgt Ion: 45 Resp: 174365
Ion Ratio Lower Upper
45 100
77 11.9 8.7 13.1
79 8.5 6.6 10.0





#16
Acetophenone
Concen: 4.669 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

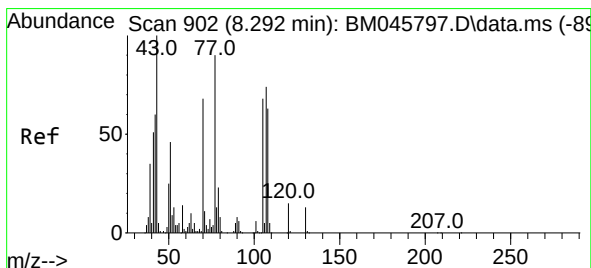
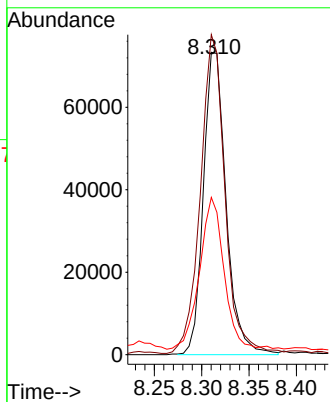
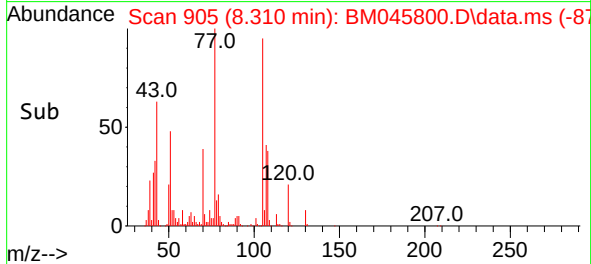
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:105 Resp: 12249
Ion Ratio Lower Upper
105 100
77 105.8 84.7 127.1
51 52.0 39.4 59.0

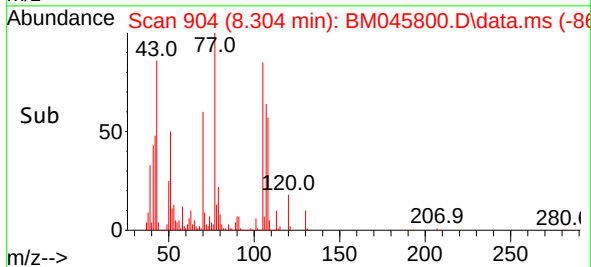
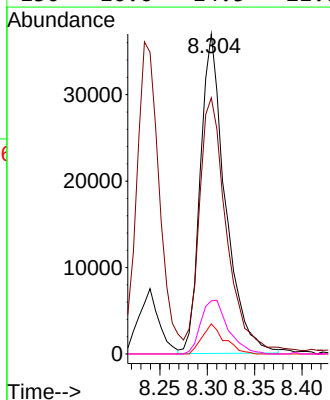
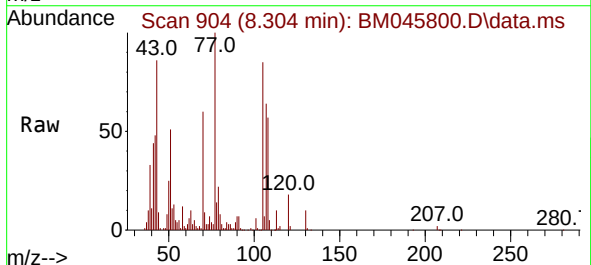
Manual Integrations
APPROVED

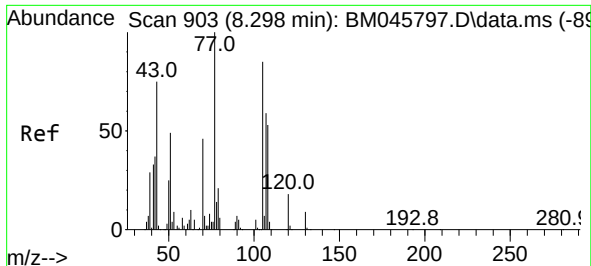
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.673 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. 0.012 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

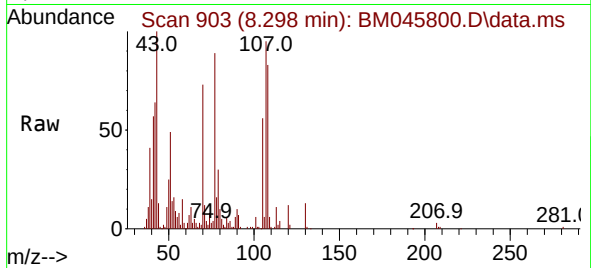
Tgt Ion: 70 Resp: 67736
Ion Ratio Lower Upper
70 100
42 80.0 64.6 96.8
101 9.4 7.0 10.4
130 16.6 14.5 21.7





#18
4-Methylphenol
Concen: 4.465 ng/ul
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

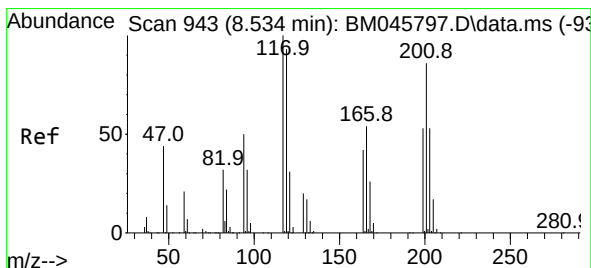
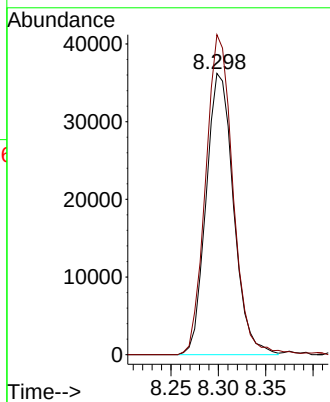
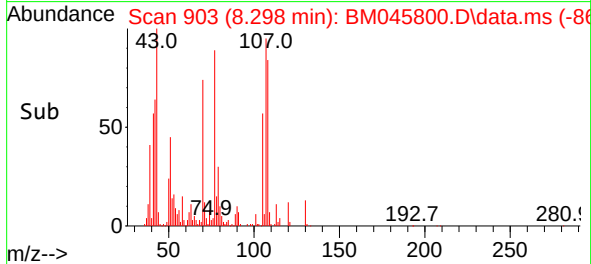
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 7310
Ion Ratio Lower Upper
108 100
107 113.8 90.6 136.0

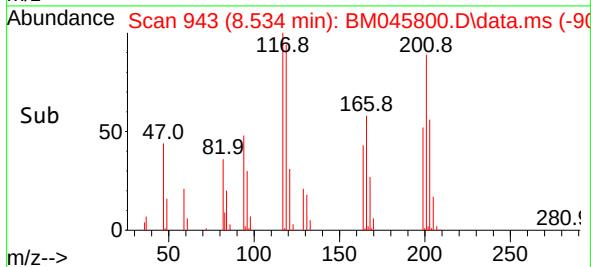
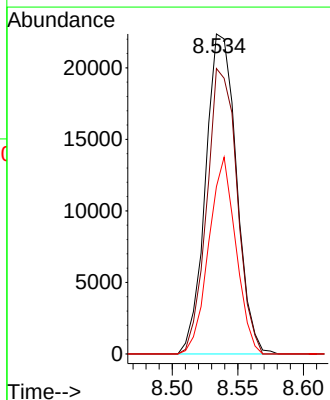
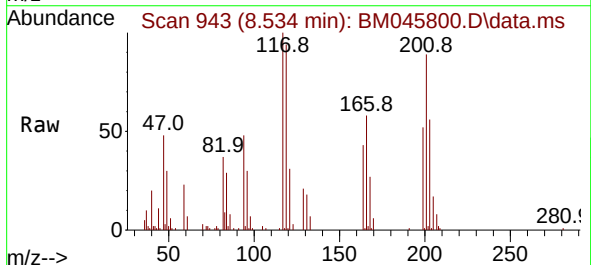
Manual Integrations
APPROVED

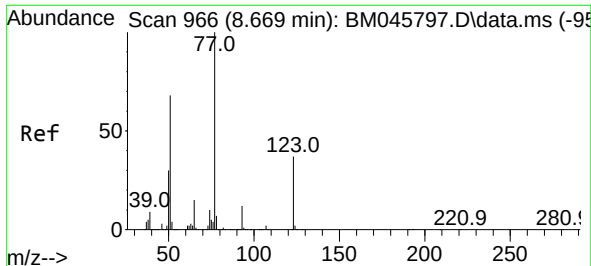
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#19
Hexachloroethane
Concen: 4.649 ng/ul
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

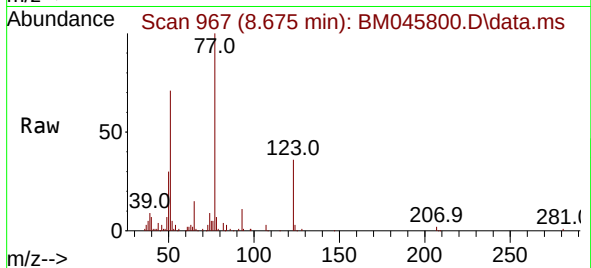
Tgt Ion:117 Resp: 36607
Ion Ratio Lower Upper
117 100
201 89.2 75.0 112.6
199 53.7 45.0 67.4





#22
Nitrobenzene
Concen: 4.832 ng/ul
RT: 8.675 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

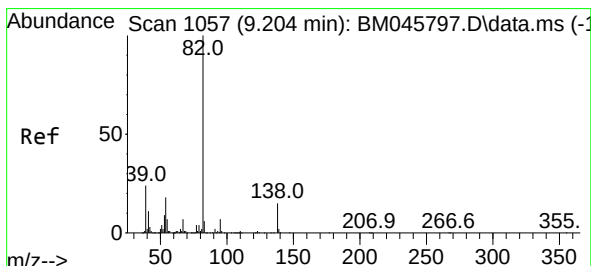
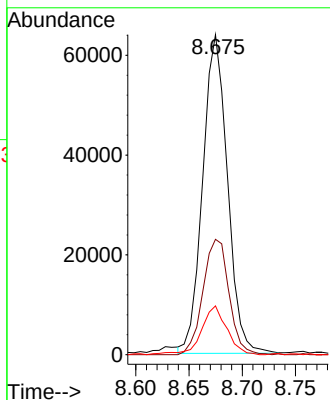
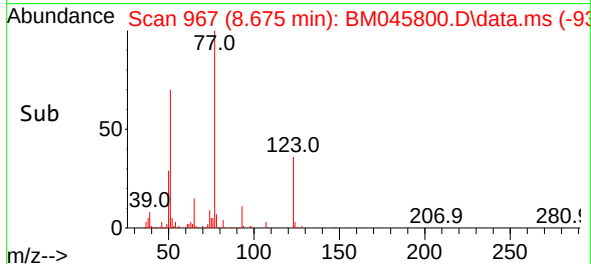
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 10321
Ion Ratio Lower Upper
77 100
123 36.0 31.2 46.8
65 15.3 11.8 17.8

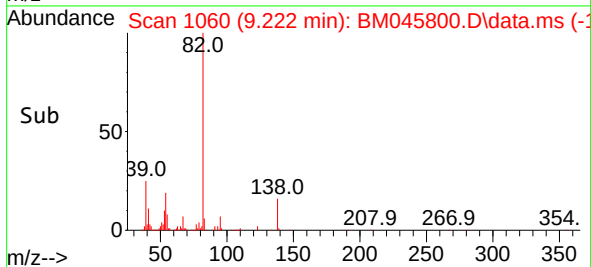
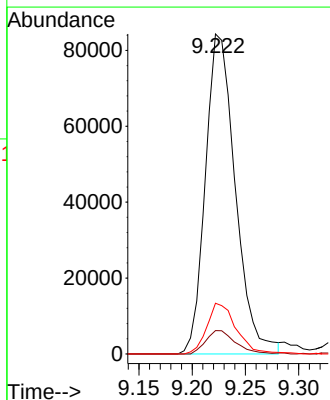
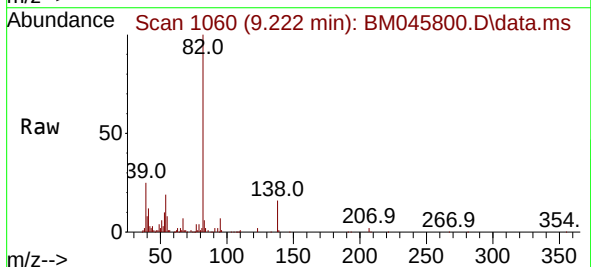
Manual Integrations
APPROVED

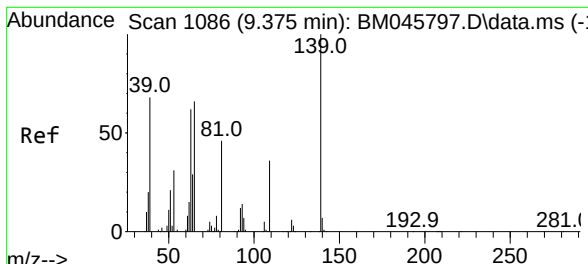
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#23
Isophorone
Concen: 4.373 ng/ul
RT: 9.222 min Scan# 1060
Delta R.T. 0.018 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Tgt Ion: 82 Resp: 165052
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 15.9 12.6 18.8





#25
 2-Nitrophenol
 Concen: 4.678 ng/ul
 RT: 9.375 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: BM045800.D
 Acq: 03 Jun 2024 11:34

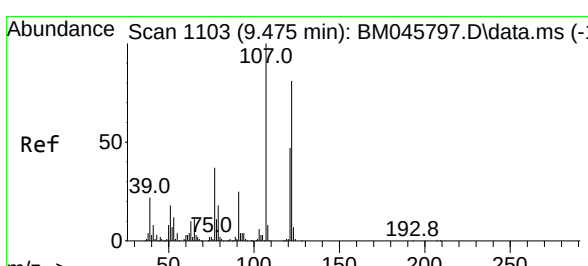
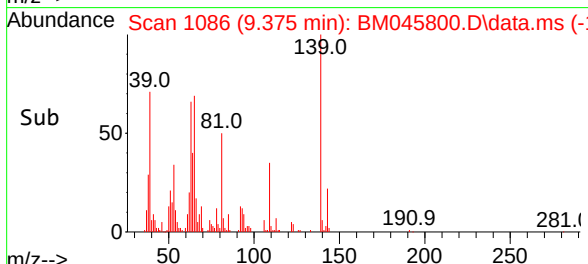
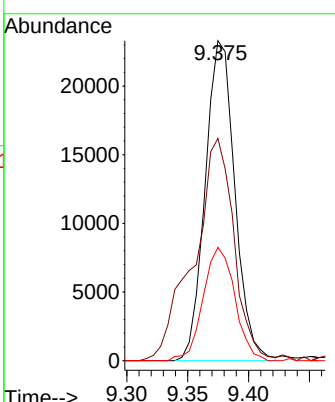
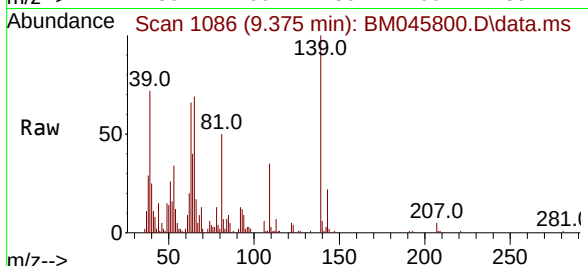
Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion:139 Resp: 39498

Ion	Ratio	Lower	Upper
139	100		
65	69.5	55.8	83.8
109	35.4	29.6	44.4

Manual Integrations
 APPROVED

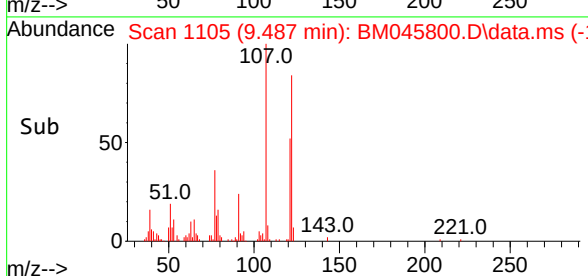
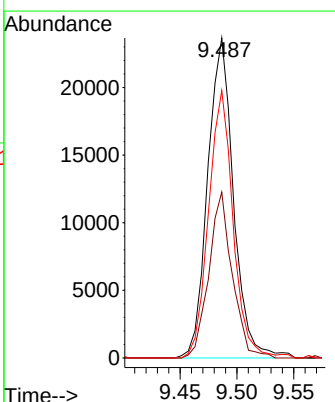
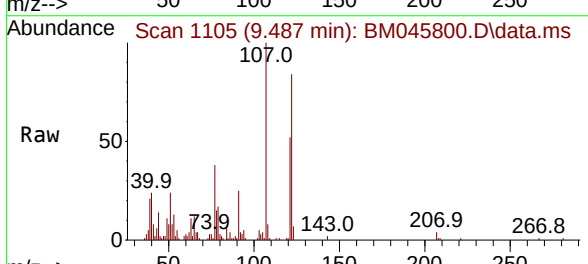
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

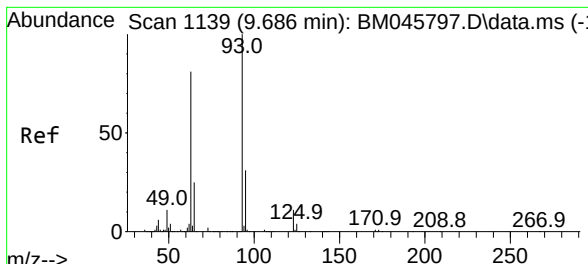


#26
 2,4-Dimethylphenol
 Concen: 2.171 ng/ul
 RT: 9.487 min Scan# 1105
 Delta R.T. 0.012 min
 Lab File: BM045800.D
 Acq: 03 Jun 2024 11:34

Tgt Ion:107 Resp: 37198

Ion	Ratio	Lower	Upper
107	100		
121	51.9	37.4	56.0
122	83.6	63.1	94.7





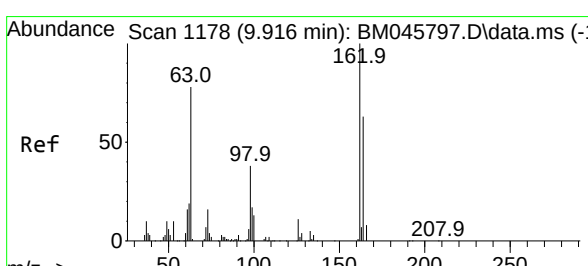
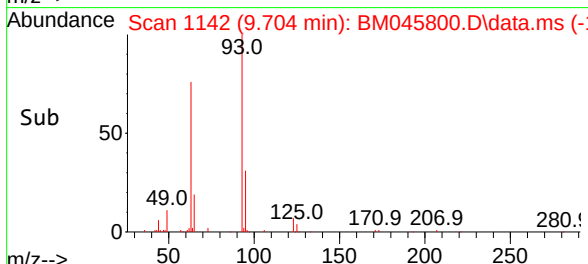
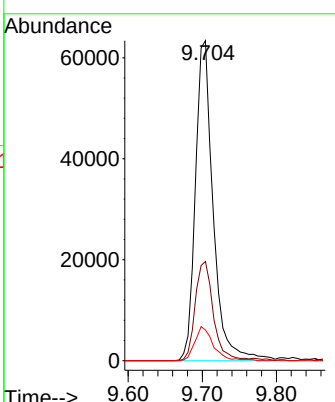
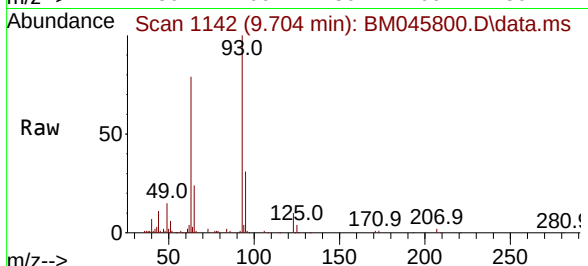
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.612 ng/ul
 RT: 9.704 min Scan# 1142
 Delta R.T. 0.018 min
 Lab File: BM045800.D
 Acq: 03 Jun 2024 11:34

Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion: 93 Resp: 10568

Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.6	38.4
123	9.6	8.6	13.0

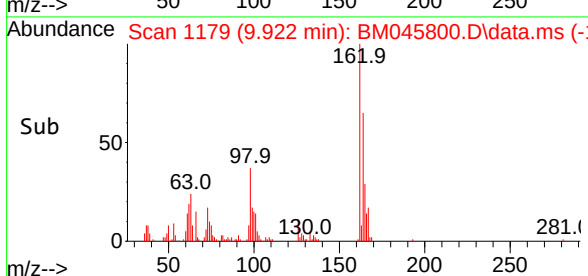
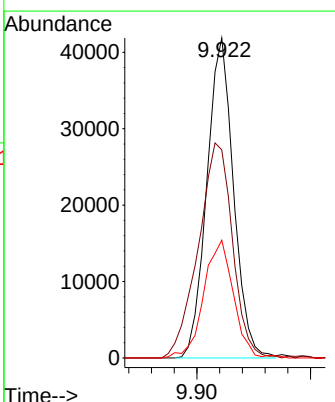
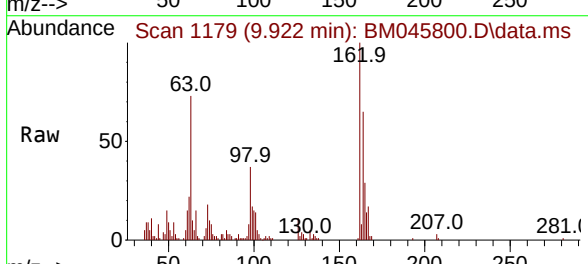
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

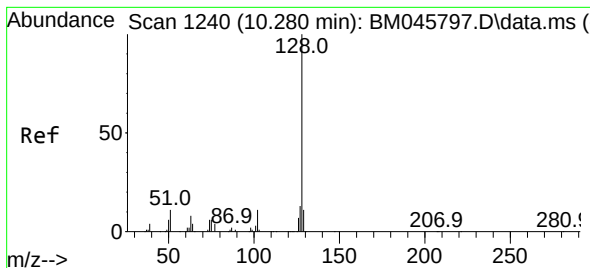


#29
 2,4-Dichlorophenol
 Concen: 4.745 ng/ul
 RT: 9.922 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: BM045800.D
 Acq: 03 Jun 2024 11:34

Tgt Ion:162 Resp: 68489

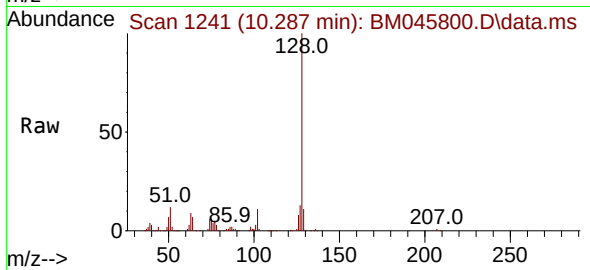
Ion	Ratio	Lower	Upper
162	100		
164	65.1	51.5	77.3
98	36.8	29.0	43.6





#30
Naphthalene
Concen: 4.761 ng/ul
RT: 10.287 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

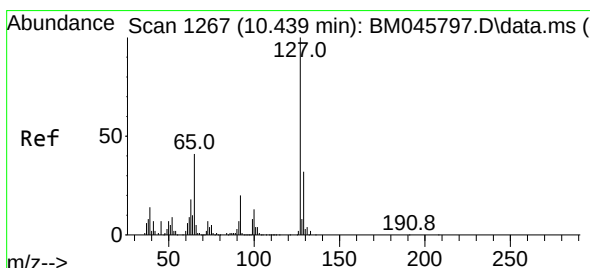
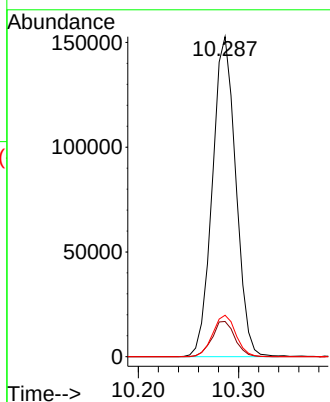
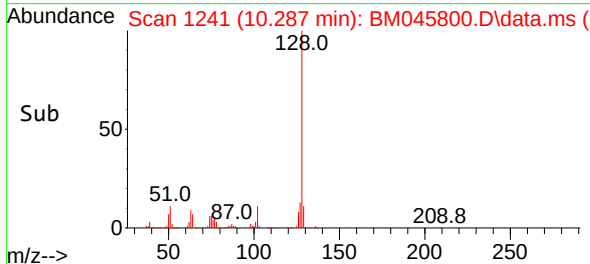
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:128 Resp: 247819
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.9 10.3 15.5

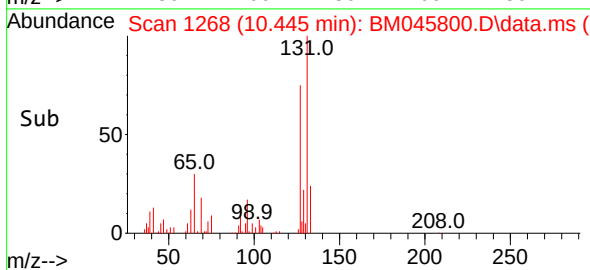
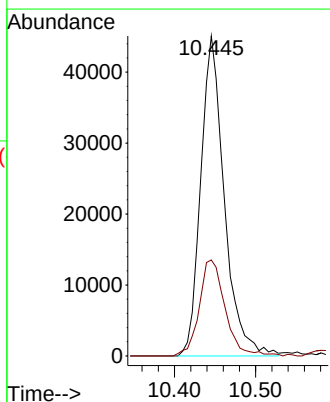
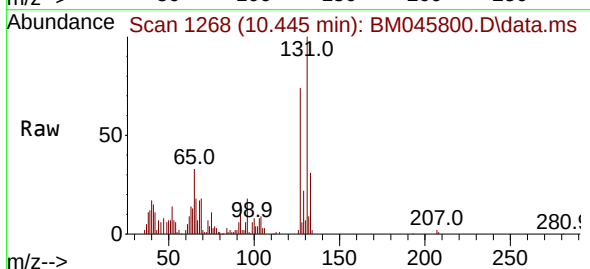
Manual Integrations
APPROVED

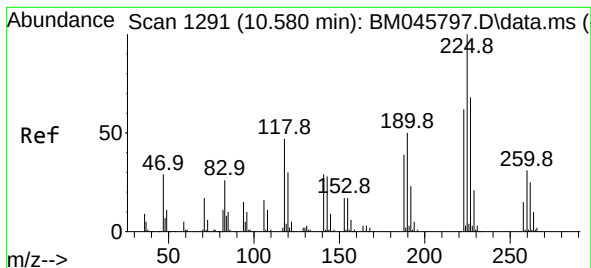
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#32
4-Chloroaniline
Concen: 4.641 ng/ul
RT: 10.445 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Tgt Ion:127 Resp: 90962
Ion Ratio Lower Upper
127 100
129 30.0 24.6 37.0





#33

Hexachlorobutadiene

Concen: 4.620 ng/ul

RT: 10.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

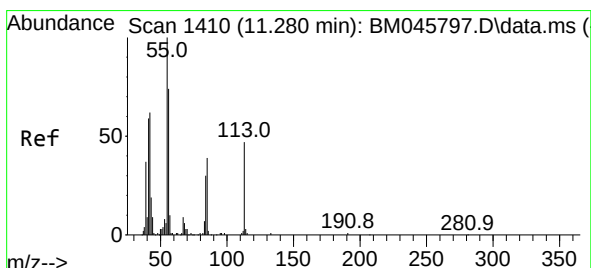
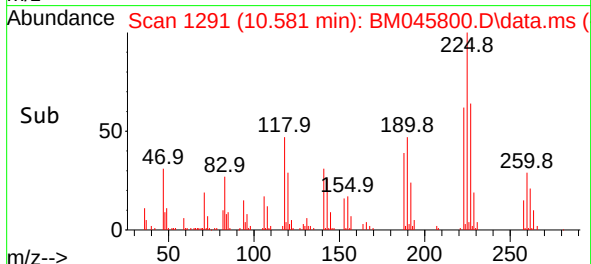
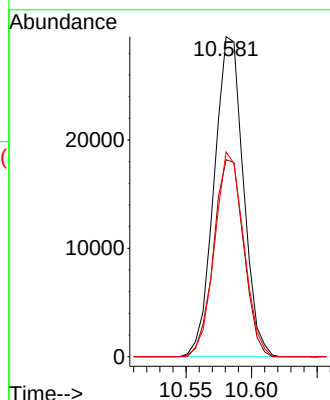
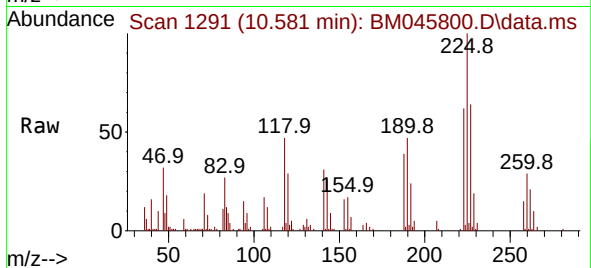
MDL-SOIL-QT2-2024-03

Tgt Ion:	225	Resp:	4567
Ion Ratio	Lower	Upper	
225	100		
223	64.1	49.4	74.0
227	64.0	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#34

Caprolactam

Concen: 4.445 ng/ul m

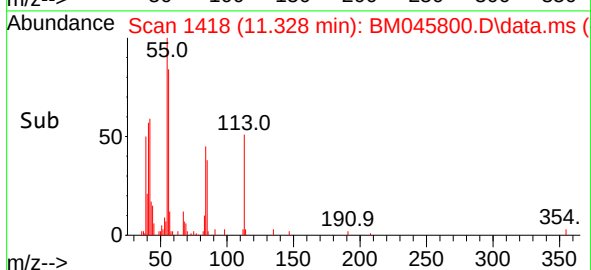
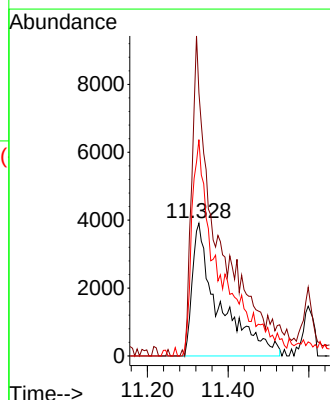
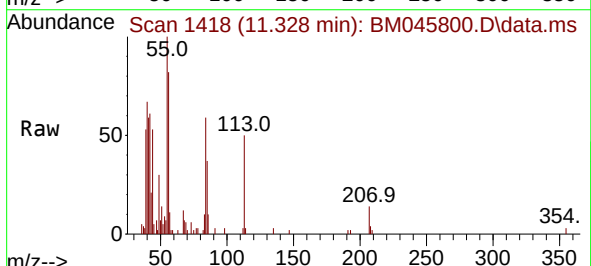
RT: 11.328 min Scan# 1418

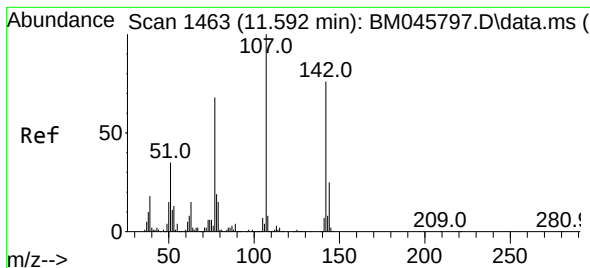
Delta R.T. 0.047 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

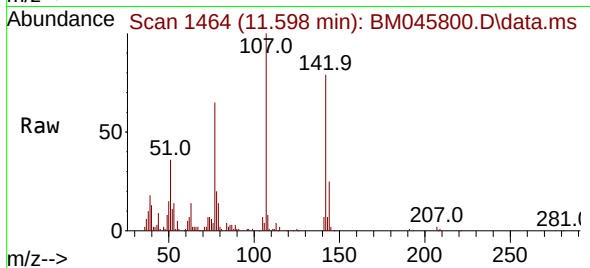
Tgt Ion:	113	Resp:	18070
Ion Ratio	Lower	Upper	
113	100		
55	198.5	179.5	269.3
56	163.1	130.1	195.1





#35
4-Chloro-3-methylphenol
Concen: 4.205 ng/ul
RT: 11.598 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

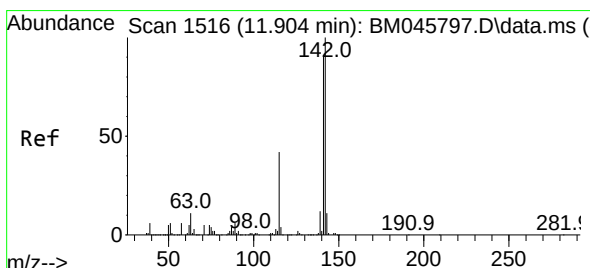
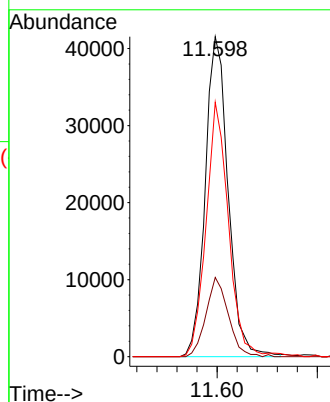
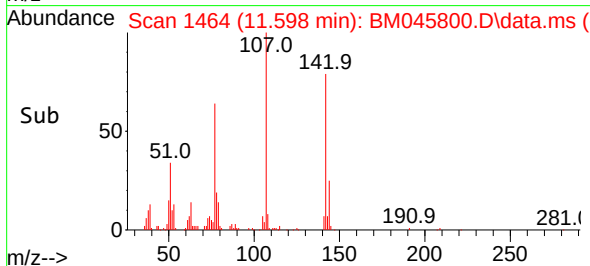
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



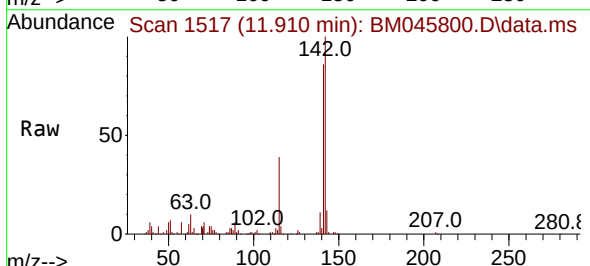
Tgt Ion:107 Resp: 65849
Ion Ratio Lower Upper
107 100
144 24.7 20.1 30.1
142 79.5 61.4 92.0

Manual Integrations
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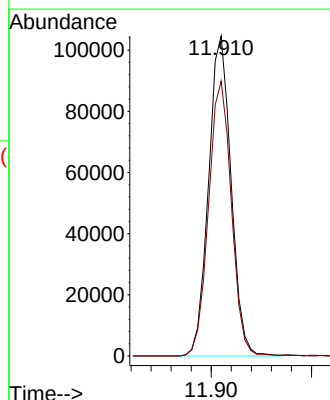
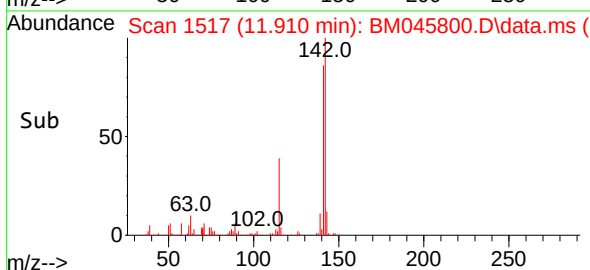
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

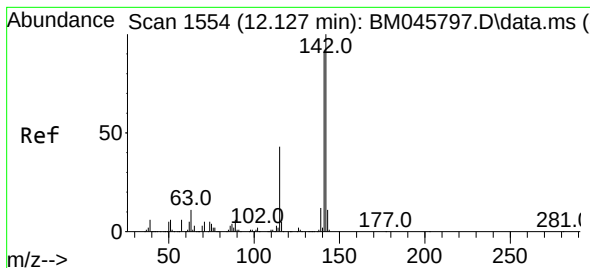


#36
2-Methylnaphthalene
Concen: 4.730 ng/ul
RT: 11.910 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



Tgt Ion:142 Resp: 163062
Ion Ratio Lower Upper
142 100
141 85.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 4.779 ng/ul

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM045800.D

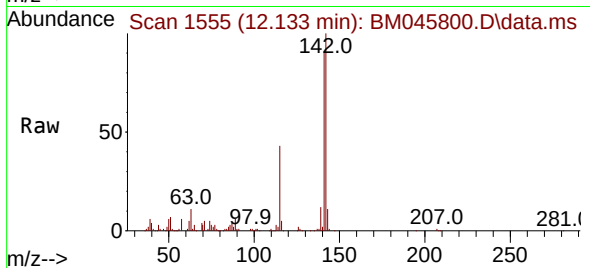
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03



Tgt Ion:142 Resp: 164714

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

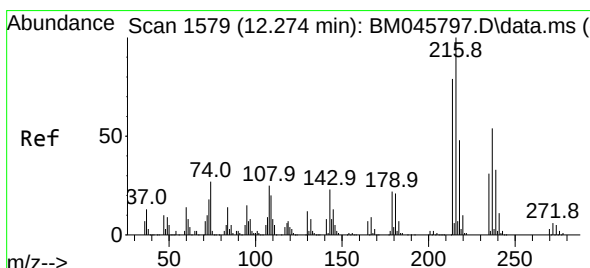
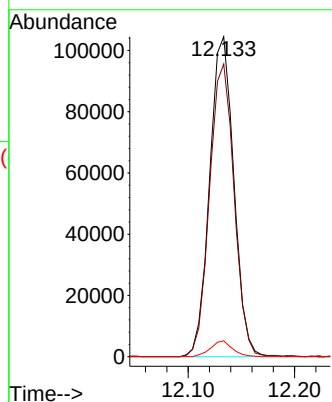
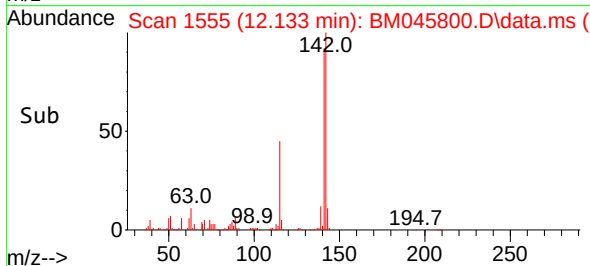
116 4.9 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024

Supervised By :mohammad ahmed 06/05/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.630 ng/ul

RT: 12.281 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Tgt Ion:216 Resp: 80724

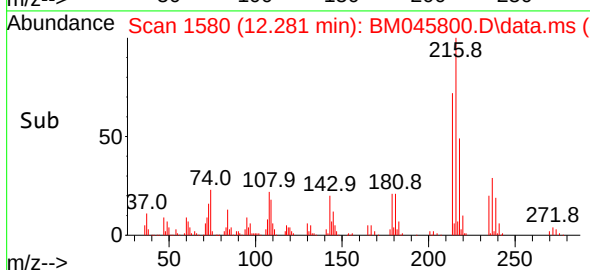
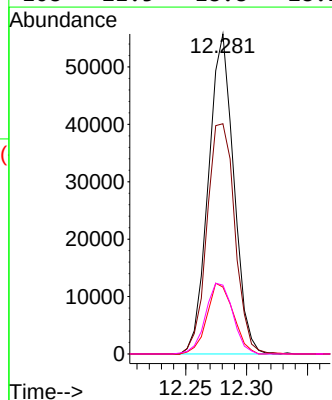
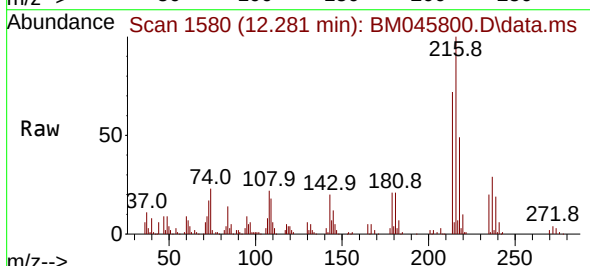
Ion Ratio Lower Upper

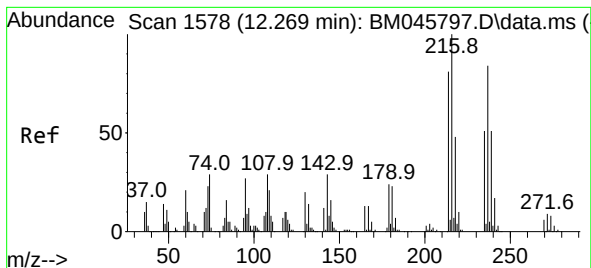
216 100

214 71.9 61.3 91.9

179 20.9 17.1 25.7

108 21.5 18.8 28.2





#40

Hexachlorocyclopentadiene

Concen: 3.335 ng/ul

RT: 12.269 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BM045800.D

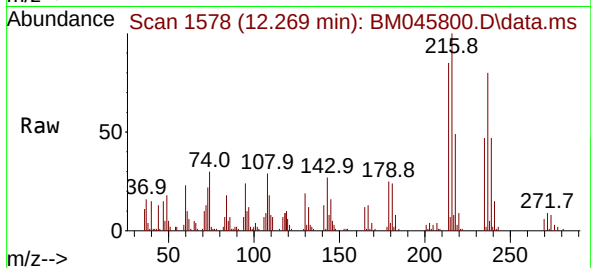
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03

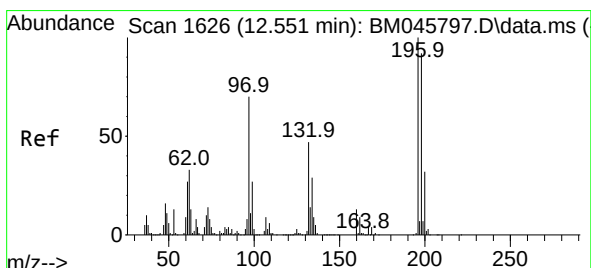
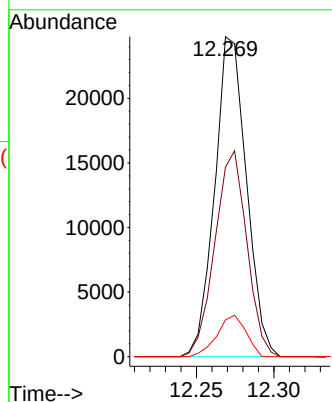
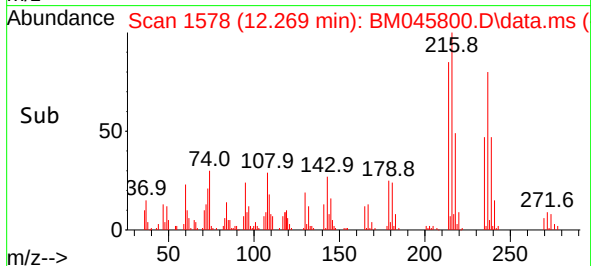


Tgt Ion:	237	Resp:	3529
Ion Ratio	Lower	Upper	
237	100		
235	59.2	49.2	73.8
272	12.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#41

2,4,6-Trichlorophenol

Concen: 3.923 ng/ul

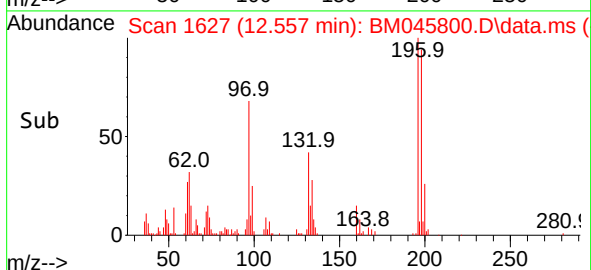
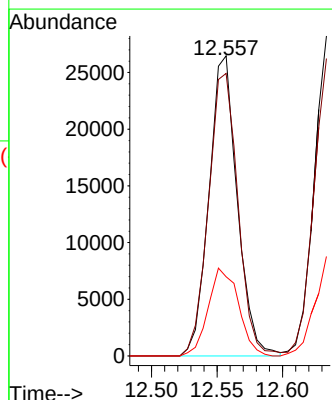
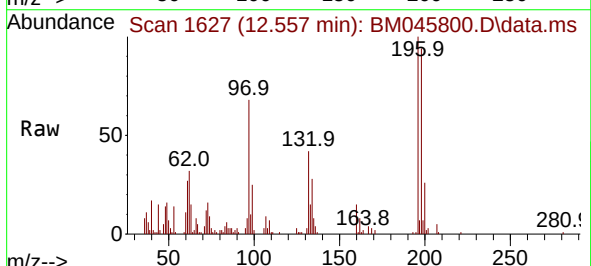
RT: 12.557 min Scan# 1627

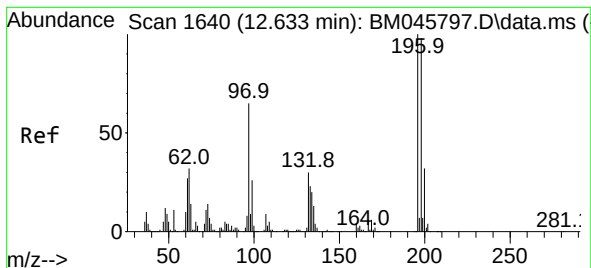
Delta R.T. 0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Tgt Ion:	196	Resp:	39795
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.2	117.4
200	26.4	26.5	39.7#





#42

2,4,5-Trichlorophenol

Concen: 4.084 ng/uI

RT: 12.633 min Scan# 1640

Delta R.T. 0.000 min

Lab File: BM045800.D

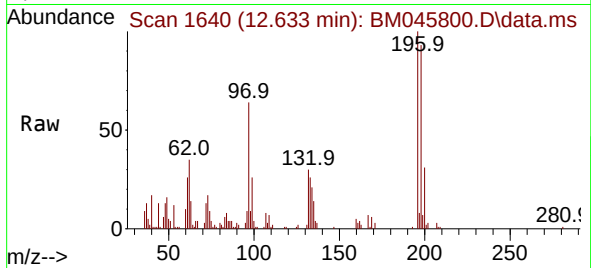
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03

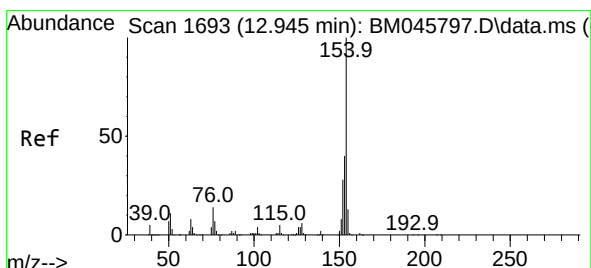
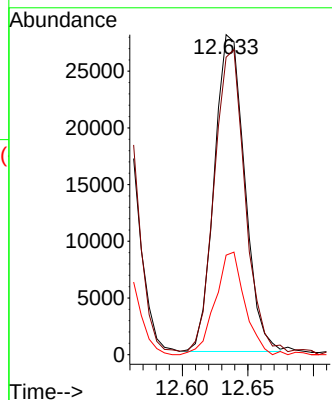
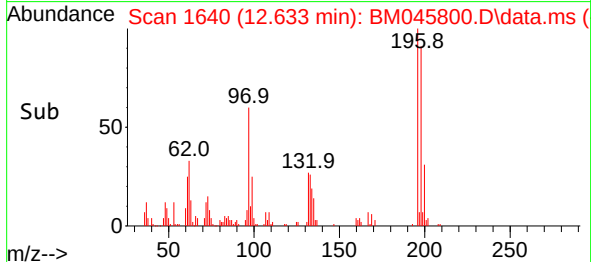


Tgt Ion:	196	Resp:	44958
Ion Ratio	Lower	Upper	
196	100		
198	92.9	77.6	116.4
200	31.1	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#43

1,1'-Biphenyl

Concen: 4.755 ng/uI

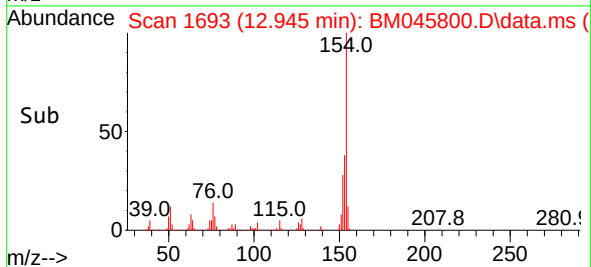
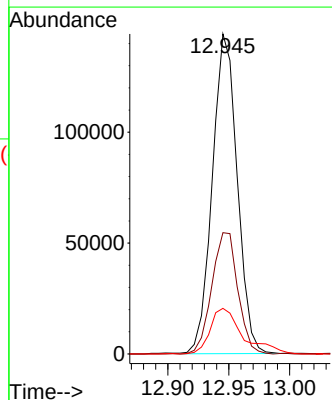
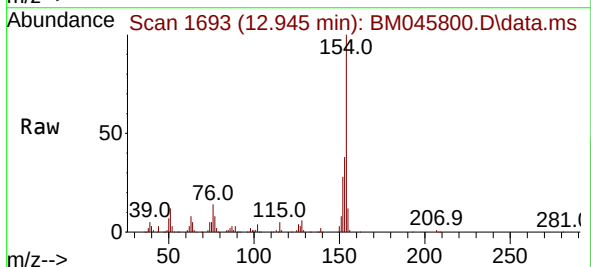
RT: 12.945 min Scan# 1693

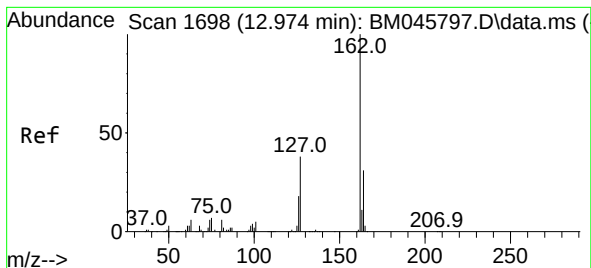
Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Tgt Ion:	154	Resp:	205382
Ion Ratio	Lower	Upper	
154	100		
153	37.9	31.6	47.4
76	14.2	11.4	17.2





#44

2-Chloronaphthalene

Concen: 4.768 ng/ul

RT: 12.980 min Scan# 1699

Delta R.T. 0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

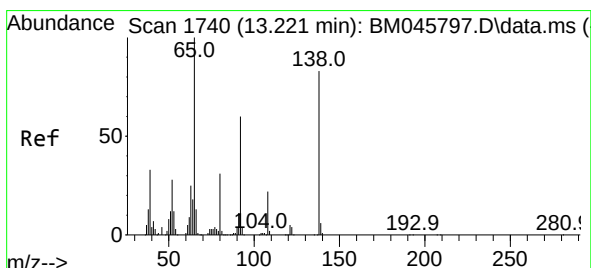
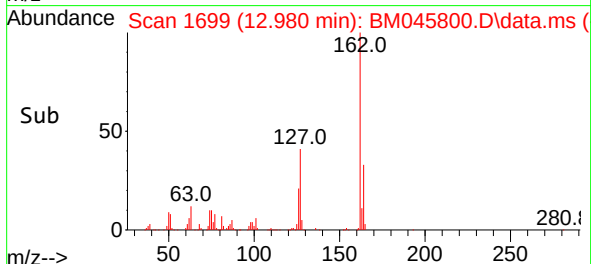
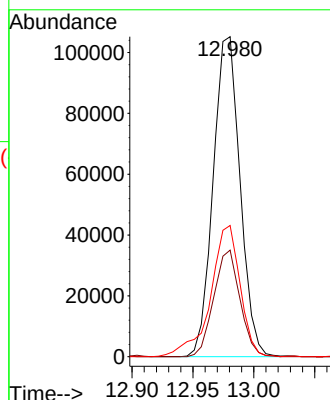
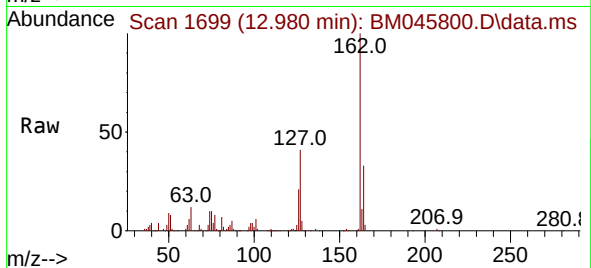
MDL-SOIL-QT2-2024-03

Tgt Ion:	162	Resp:	16136
Ion Ratio	Lower	Upper	
162	100		
164	33.3	26.2	39.4
127	41.0	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#45

2-Nitroaniline

Concen: 4.254 ng/ul

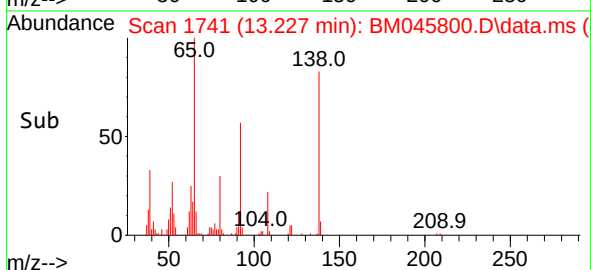
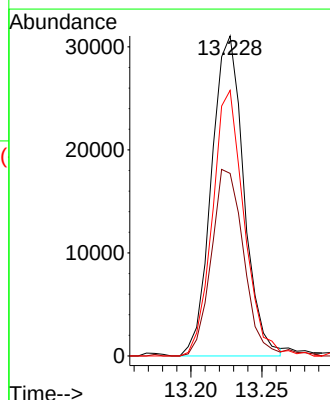
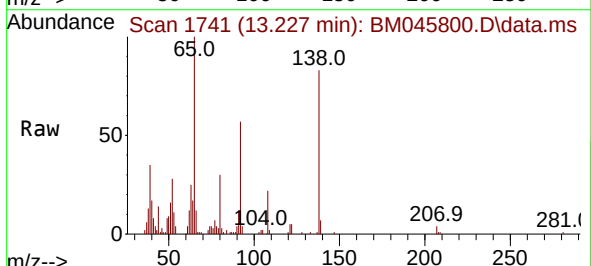
RT: 13.227 min Scan# 1741

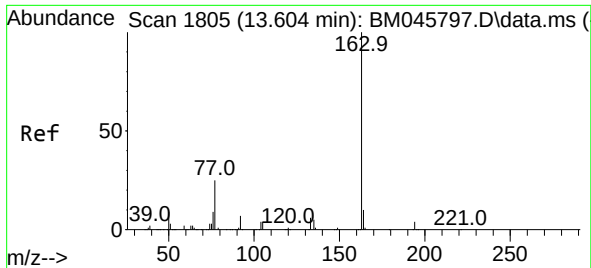
Delta R.T. 0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

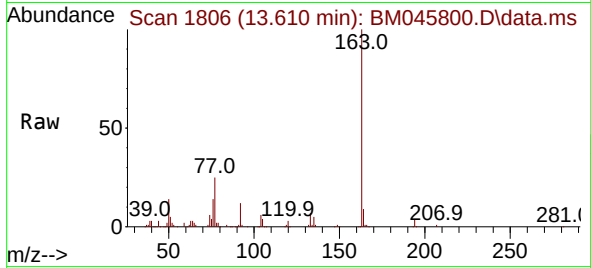
Tgt Ion:	65	Resp:	49165
Ion Ratio	Lower	Upper	
65	100		
92	57.1	48.4	72.6
138	83.0	66.3	99.5





#47
Dimethylphthalate
Concen: 4.753 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

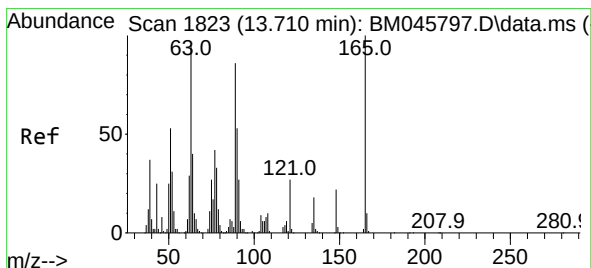
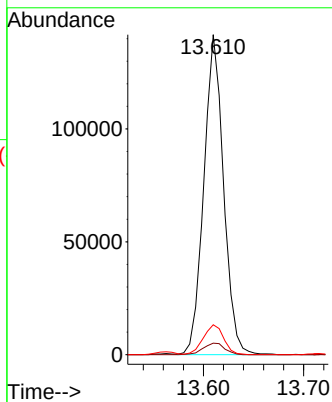
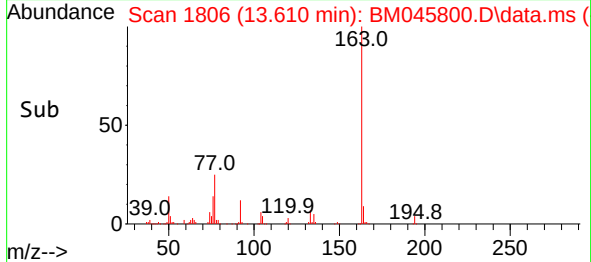
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



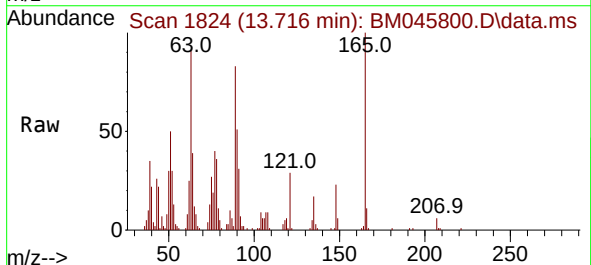
Tgt Ion:163 Resp: 19449
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.4 7.8 11.6

Manual Integrations
APPROVED

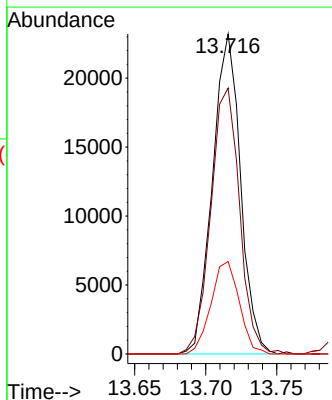
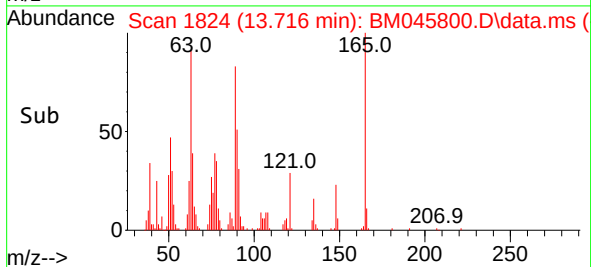
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

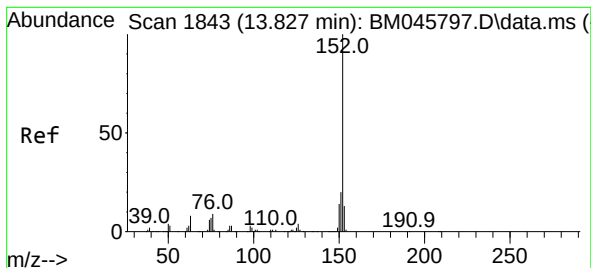


#48
2,6-Dinitrotoluene
Concen: 4.052 ng/ul
RT: 13.716 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



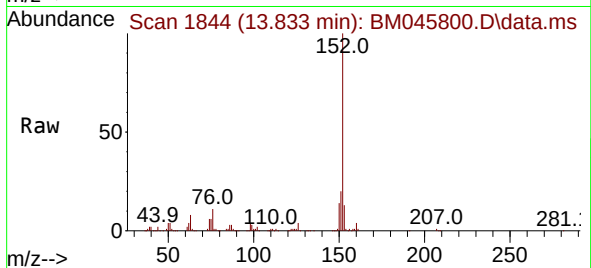
Tgt Ion:165 Resp: 31903
Ion Ratio Lower Upper
165 100
89 83.1 55.7 83.5
121 28.9 17.8 26.8#





#50
Acenaphthylene
Concen: 4.737 ng/ul
RT: 13.833 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

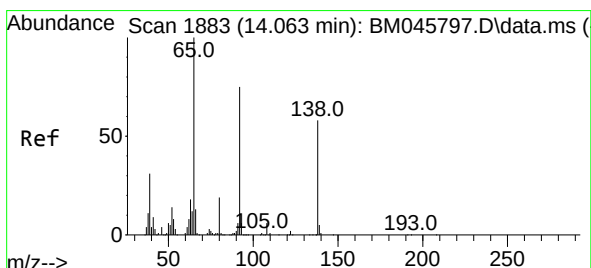
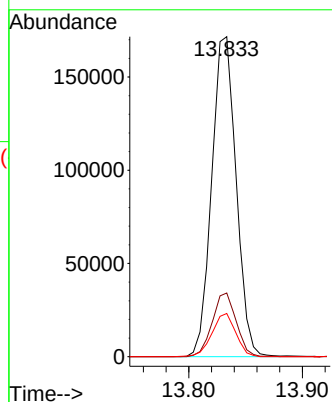
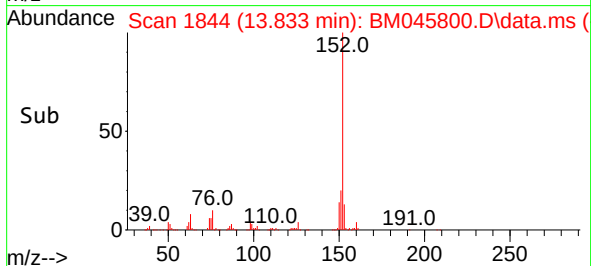
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:152 Resp: 25657
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.5 10.4 15.6

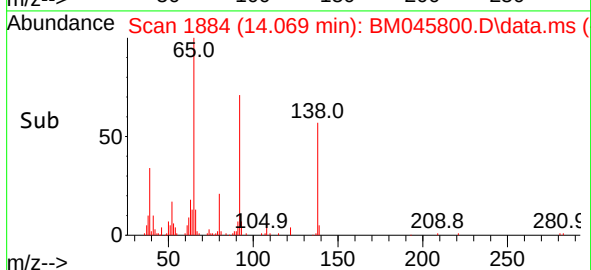
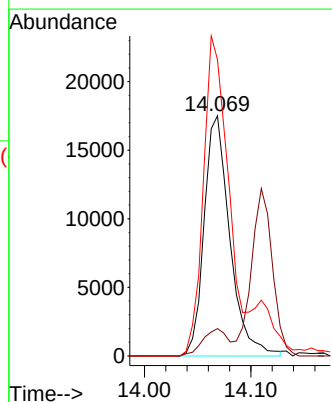
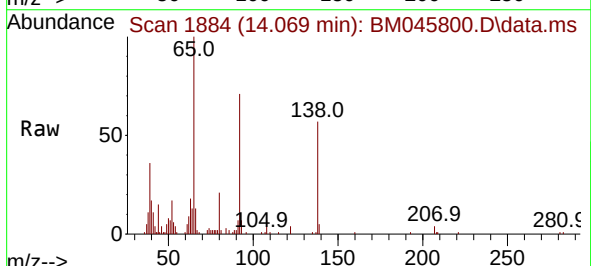
Manual Integrations
APPROVED

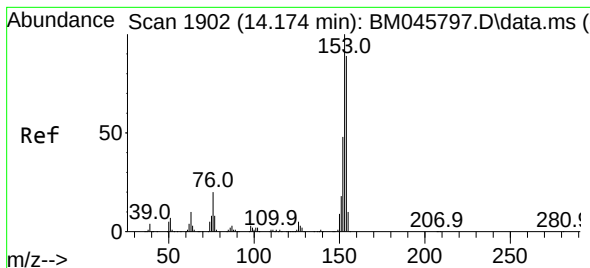
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#51
3-Nitroaniline
Concen: 4.066 ng/ul
RT: 14.069 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

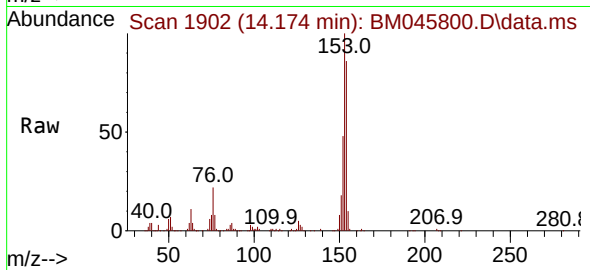
Tgt Ion:138 Resp: 29393
Ion Ratio Lower Upper
138 100
108 11.4 7.9 11.9
92 123.4 103.1 154.7





#52
Acenaphthene
Concen: 4.777 ng/ul
RT: 14.174 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

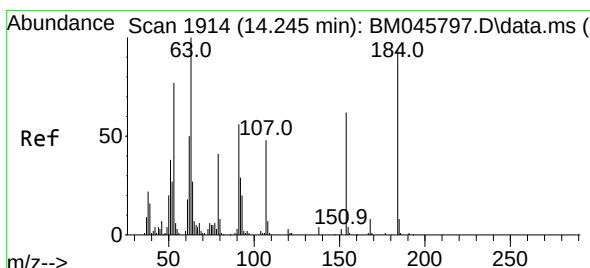
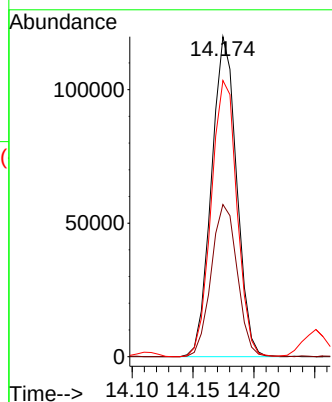
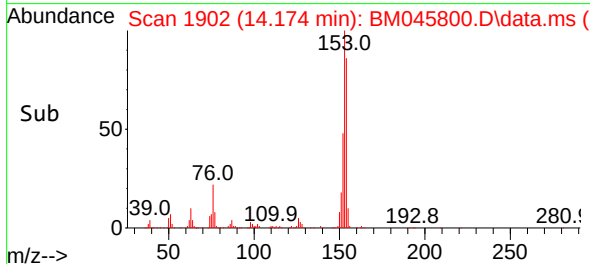
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



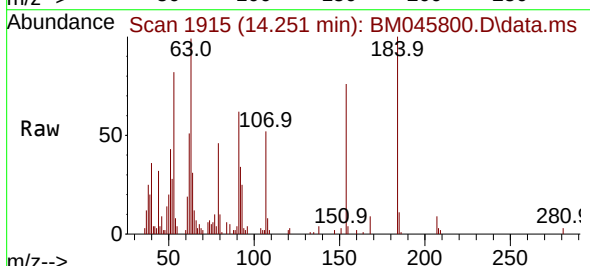
Tgt Ion:153 Resp: 17267
Ion Ratio Lower Upper
153 100
152 47.5 38.6 58.0
154 86.3 70.7 106.1

Manual Integrations
APPROVED

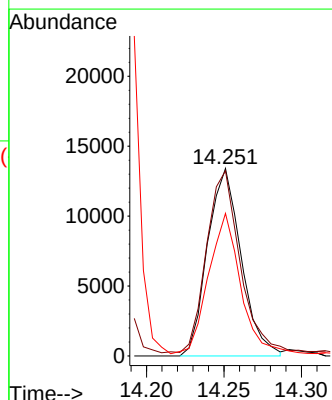
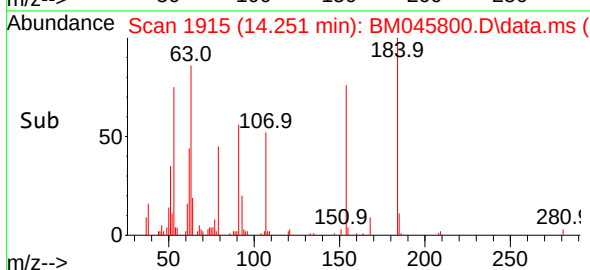
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

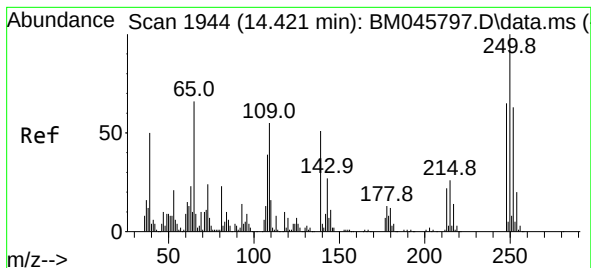


#53
2,4-Dinitrophenol
Concen: 5.650 ng/ul
RT: 14.251 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



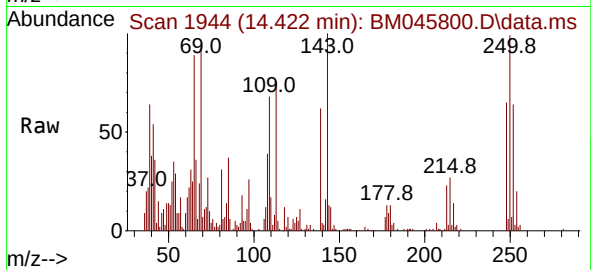
Tgt Ion:184 Resp: 20254
Ion Ratio Lower Upper
184 100
63 98.7 76.4 114.6
154 76.0 52.9 79.3





#55
4-Nitrophenol
Concen: 5.130 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

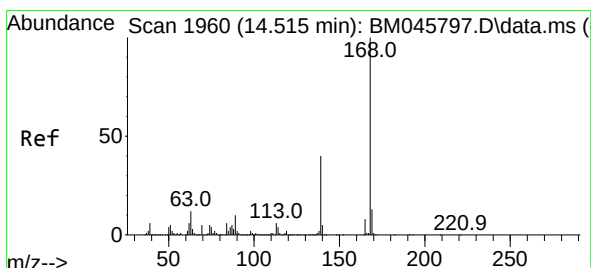
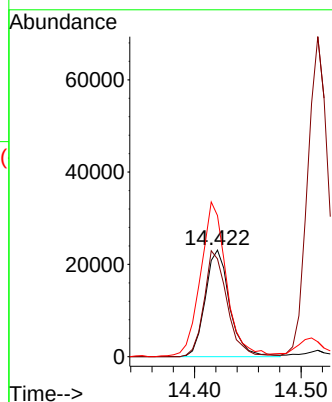
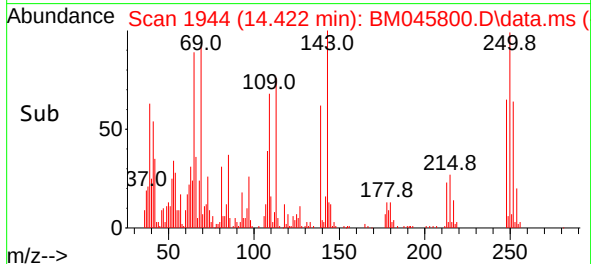
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:109 Resp: 36812
Ion Ratio Lower Upper
109 100
139 91.7 79.0 118.6
65 132.4 104.3 156.5

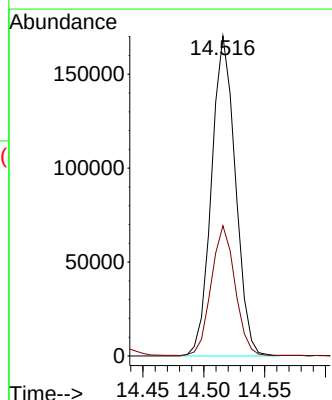
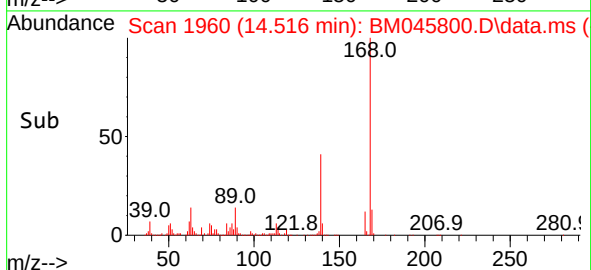
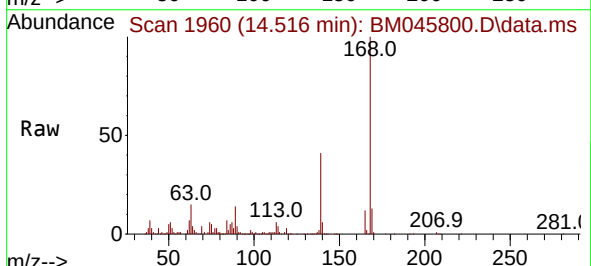
Manual Integrations
APPROVED

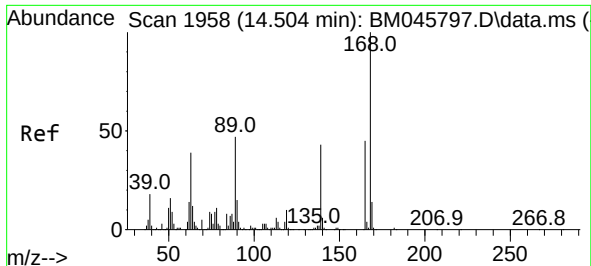
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#56
Dibenzofuran
Concen: 4.774 ng/ul
RT: 14.516 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Tgt Ion:168 Resp: 232715
Ion Ratio Lower Upper
168 100
139 40.7 32.2 48.2





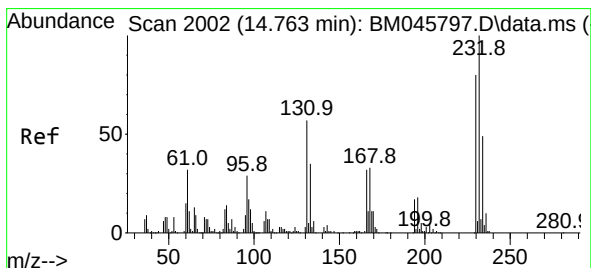
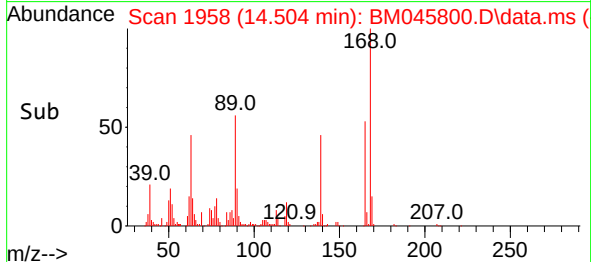
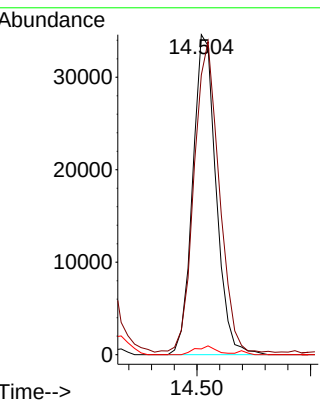
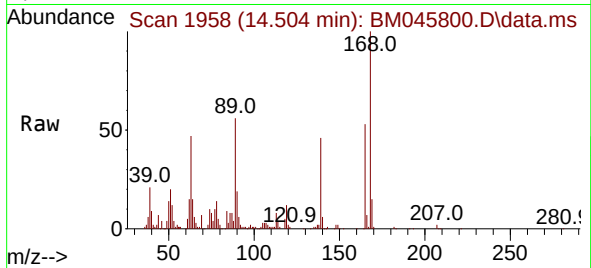
#57
2,4-Dinitrotoluene
Concen: 4.530 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion:165 Resp: 4933
Ion Ratio Lower Upper
165 100
63 87.4 61.9 92.9
182 1.8 2.2 3.2

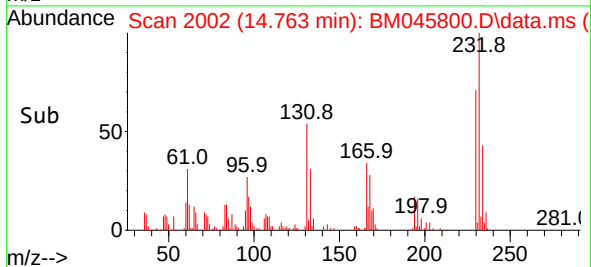
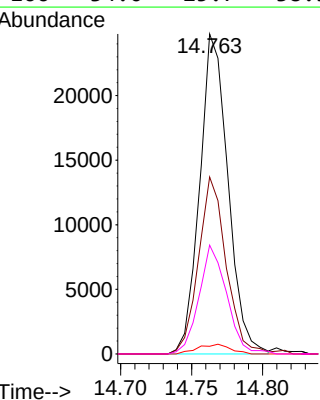
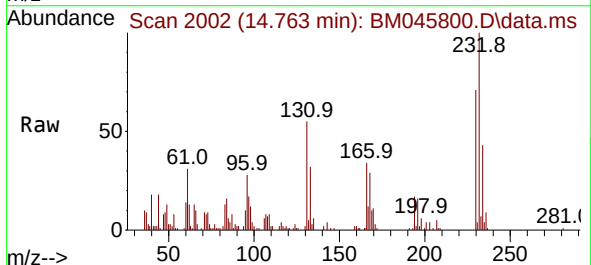
Manual Integrations
APPROVED

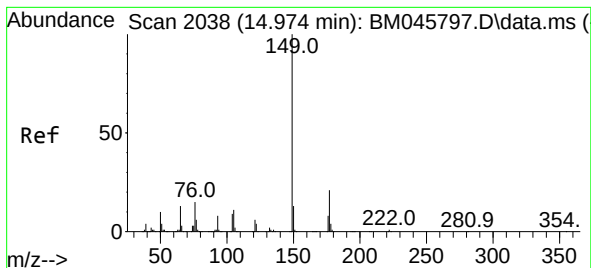
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.127 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

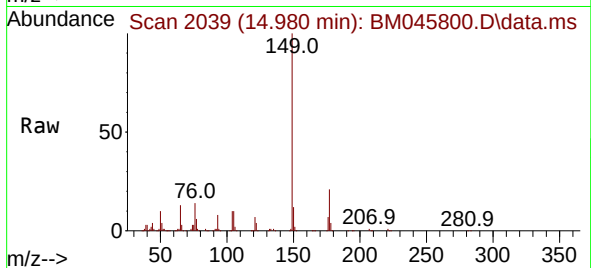
Tgt Ion:232 Resp: 34325
Ion Ratio Lower Upper
232 100
131 55.3 39.0 58.6
130 2.4 2.2 3.4
166 34.0 25.7 38.5





#59
Diethylphthalate
Concen: 4.743 ng/ul
RT: 14.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

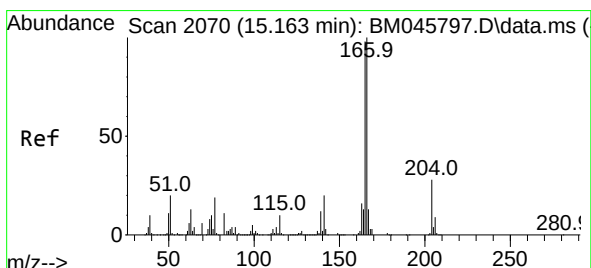
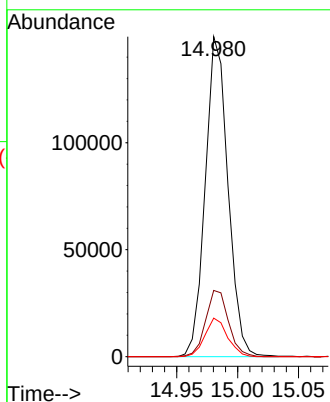
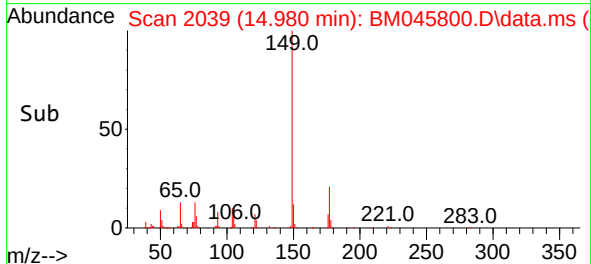
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:149 Resp: 19434
Ion Ratio Lower Upper
149 100
177 20.7 17.1 25.7
150 12.0 9.6 14.4

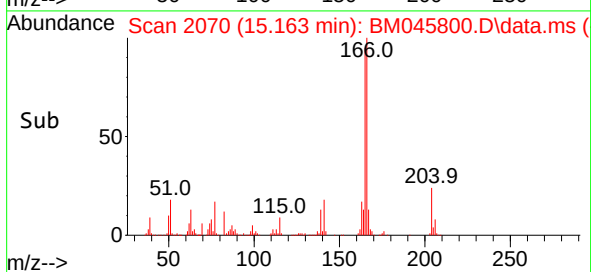
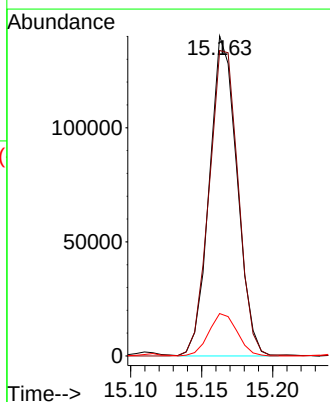
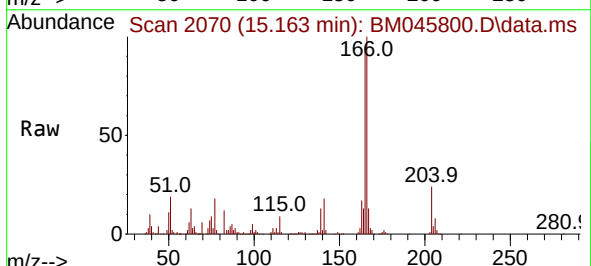
Manual Integrations
APPROVED

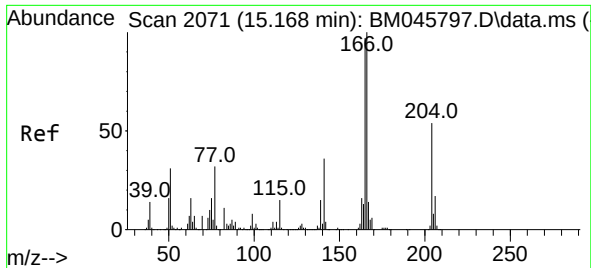
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#61
Fluorene
Concen: 4.835 ng/ul
RT: 15.163 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

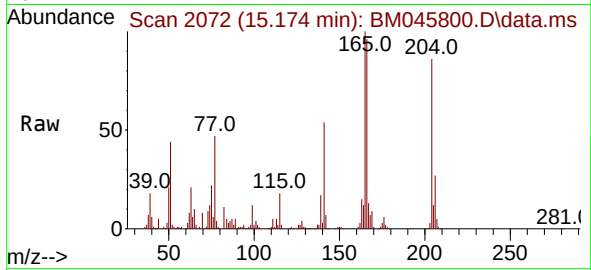
Tgt Ion:166 Resp: 189886
Ion Ratio Lower Upper
166 100
165 95.4 78.1 117.1
167 13.3 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.864 ng/ul
RT: 15.174 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

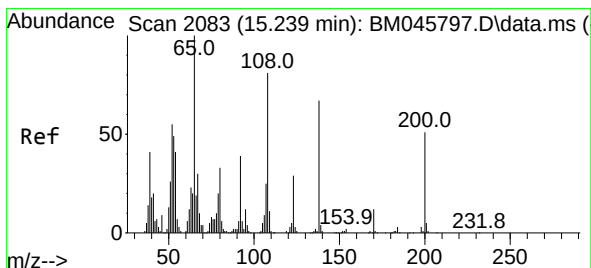
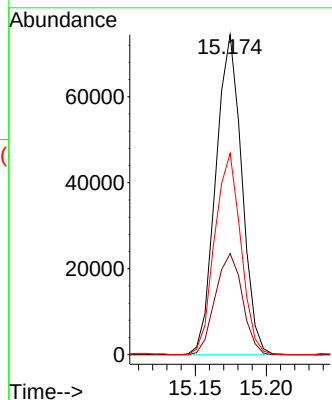
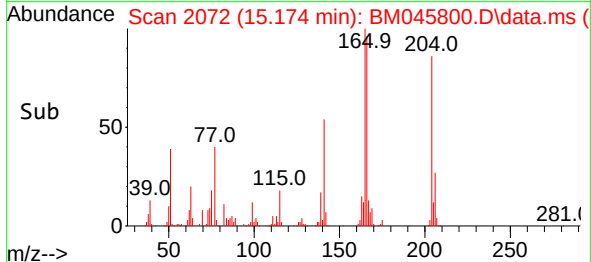
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:204 Resp: 9482
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 62.9 50.2 75.2

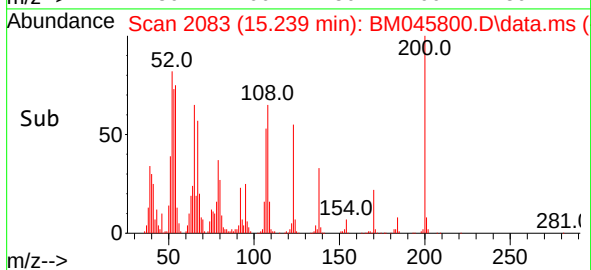
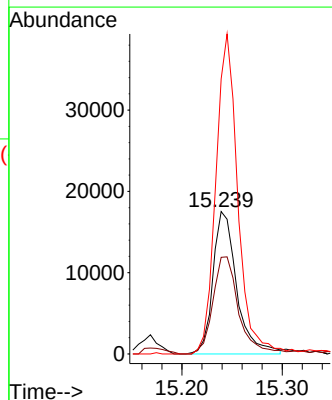
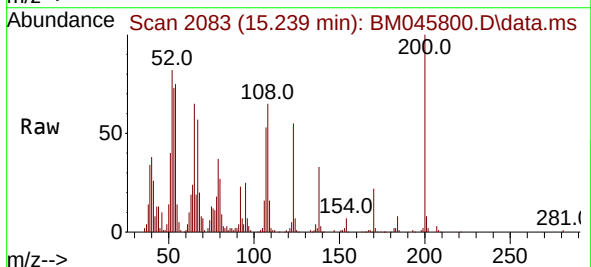
Manual Integrations
APPROVED

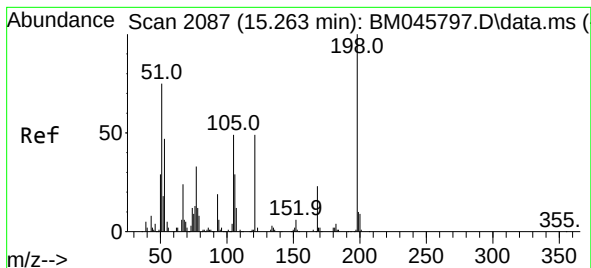
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#63
4-Nitroaniline
Concen: 4.812 ng/ul
RT: 15.239 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

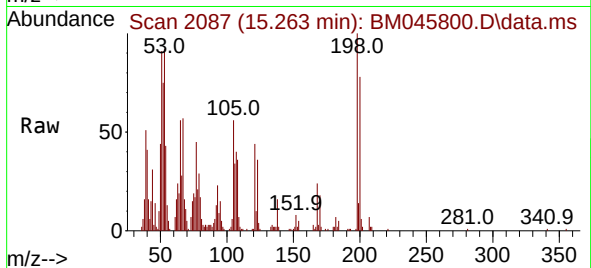
Tgt Ion:138 Resp: 28884
Ion Ratio Lower Upper
138 100
92 67.9 47.2 70.8
108 193.2 97.4 146.0#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.314 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

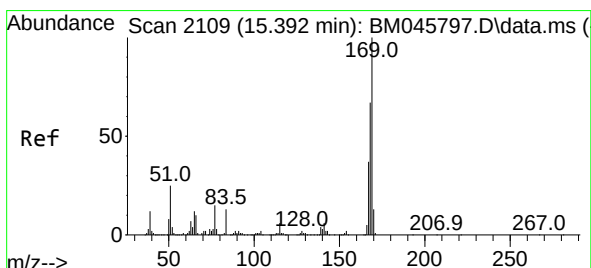
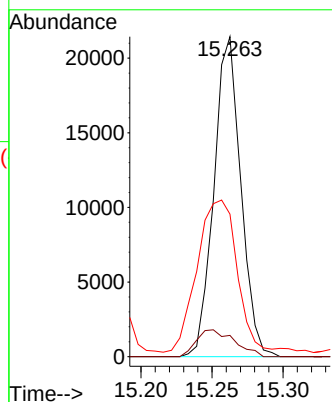
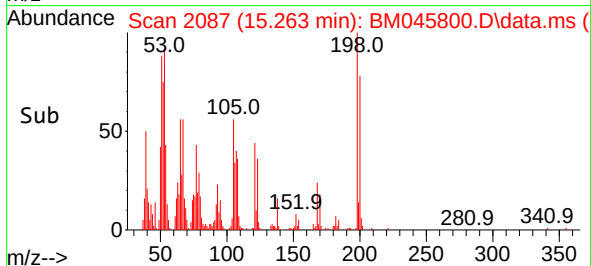
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:198 Resp: 28249
Ion Ratio Lower Upper
198 100
182 6.7 3.4 5.0
77 44.5 24.7 37.1

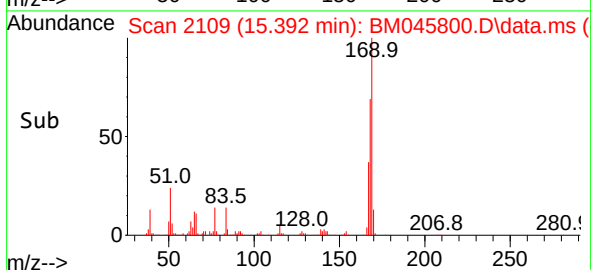
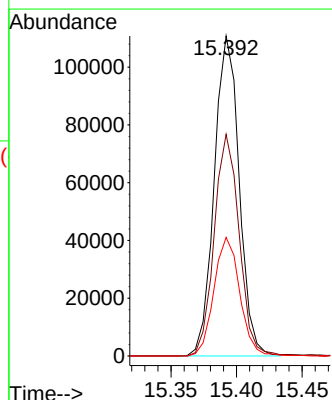
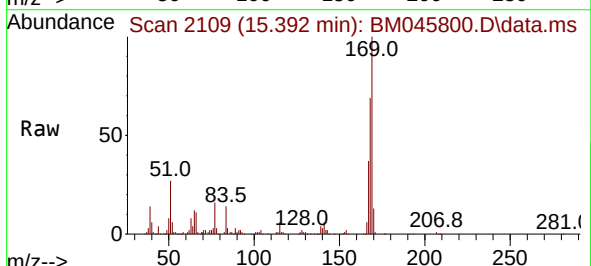
Manual Integrations
APPROVED

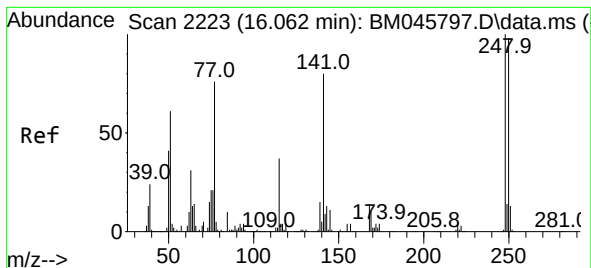
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#67
N-Nitrosodiphenylamine
Concen: 4.420 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

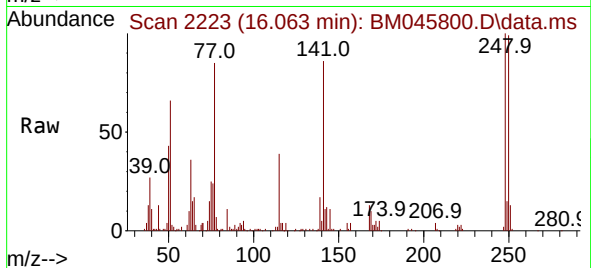
Tgt Ion:169 Resp: 146338
Ion Ratio Lower Upper
169 100
168 69.2 53.6 80.4
167 37.1 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 4.397 ng/ul
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

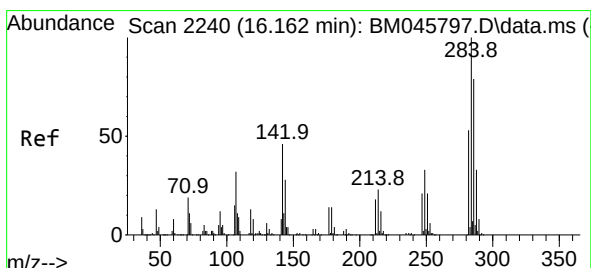
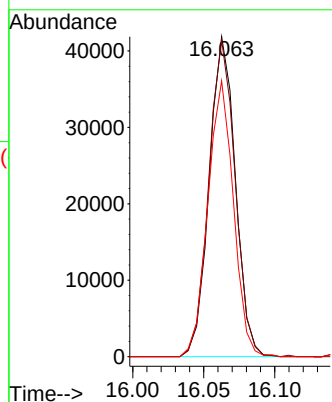
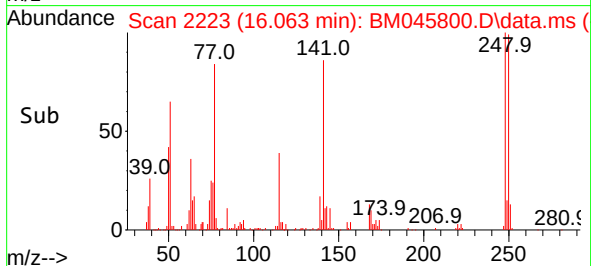
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:248 Resp: 5356
Ion Ratio Lower Upper
248 100
250 98.9 79.3 118.9
141 86.2 65.8 98.6

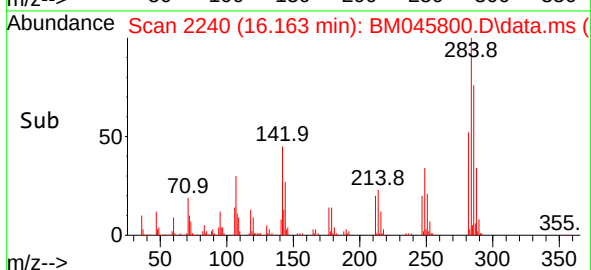
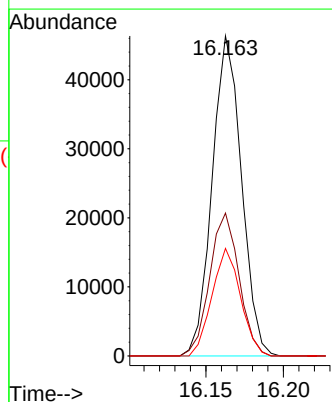
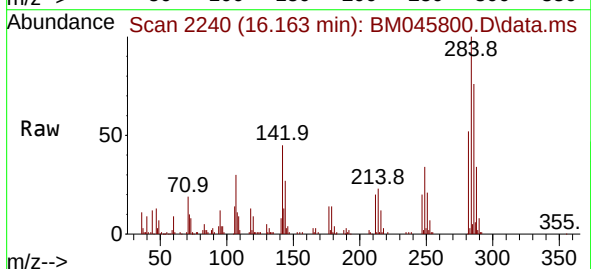
Manual Integrations
APPROVED

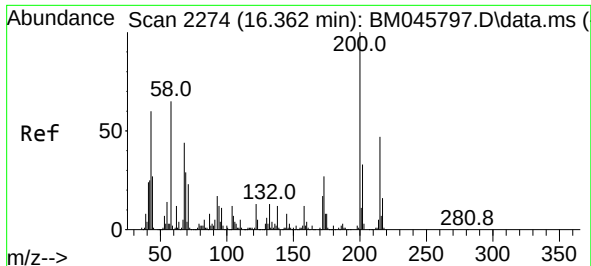
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#69
Hexachlorobenzene
Concen: 4.523 ng/ul
RT: 16.163 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

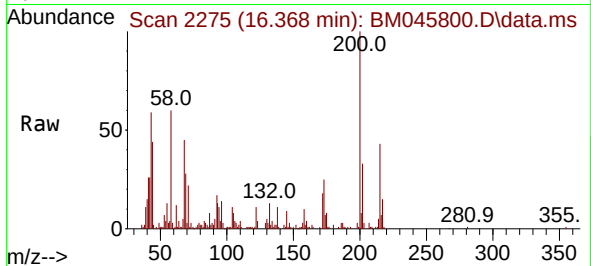
Tgt Ion:284 Resp: 60935
Ion Ratio Lower Upper
284 100
142 42.4 35.4 53.0
249 31.8 25.8 38.8





#70
Atrazine
Concen: 5.356 ng/ul
RT: 16.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

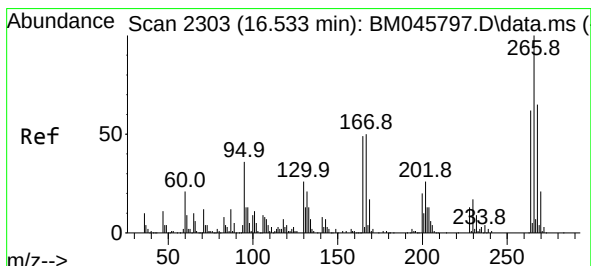
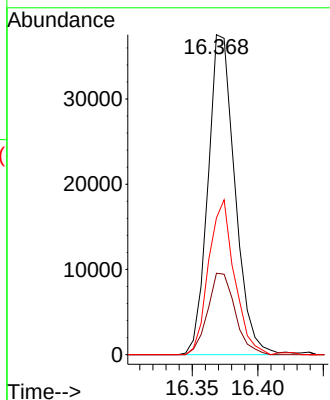
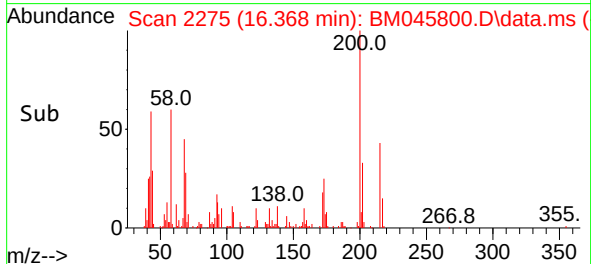
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



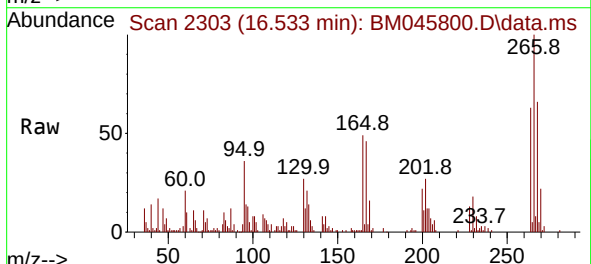
Tgt Ion:200 Resp: 53748
Ion Ratio Lower Upper
200 100
173 25.5 20.6 31.0
215 42.8 36.7 55.1

Manual Integrations
APPROVED

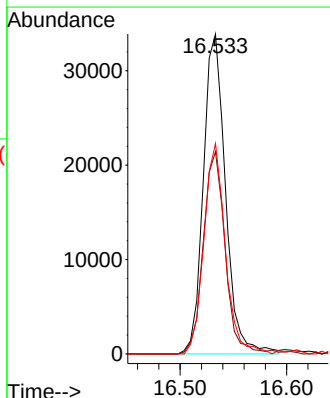
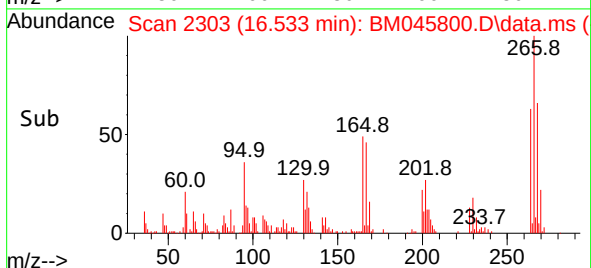
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

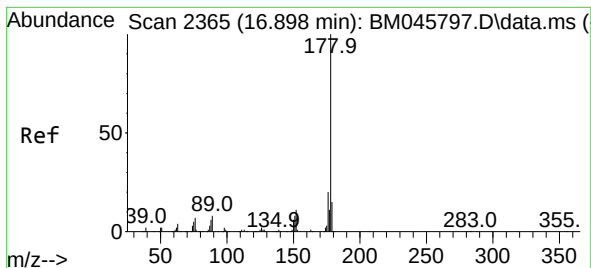


#71
Pentachlorophenol
Concen: 7.185 ng/ul
RT: 16.533 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



Tgt Ion:266 Resp: 49112
Ion Ratio Lower Upper
266 100
264 63.2 48.2 72.2
268 70.4 50.8 76.2





#72

Phenanthrene

Concen: 4.684 ng/ul

RT: 16.898 min Scan# 2365

Delta R.T. 0.000 min

Lab File: BM045800.D

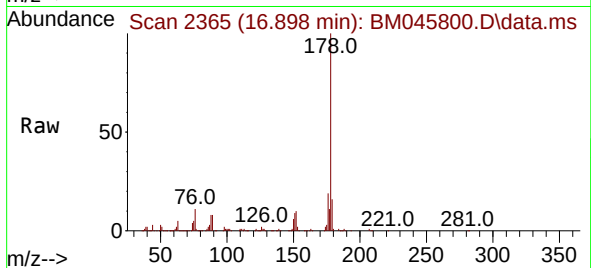
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03



Tgt Ion:178 Resp: 288339

Ion Ratio Lower Upper

178 100

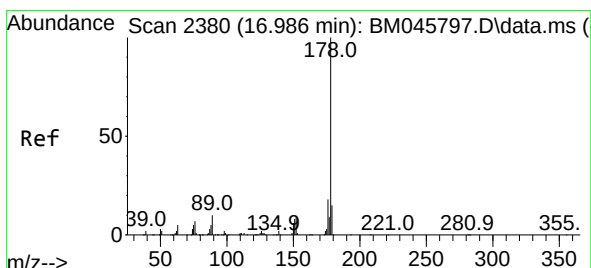
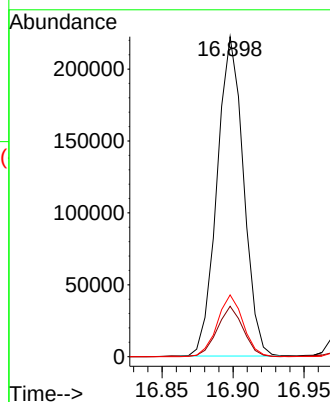
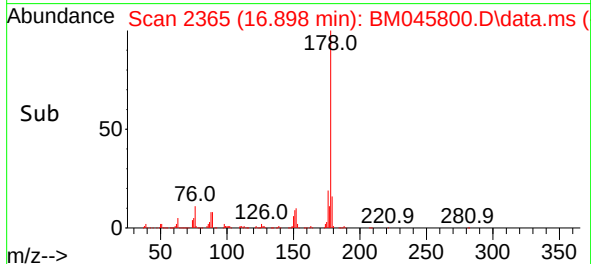
179 15.7 12.4 18.6

176 19.3 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74

Anthracene

Concen: 4.172 ng/ul

RT: 16.986 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

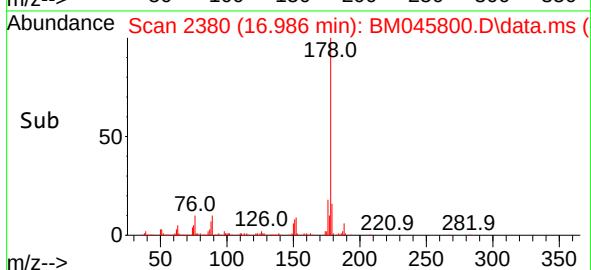
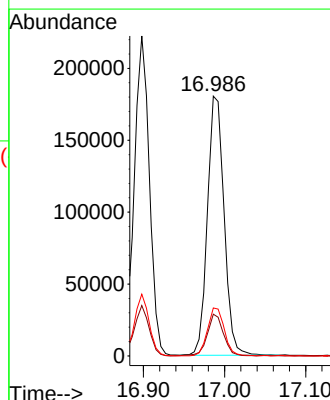
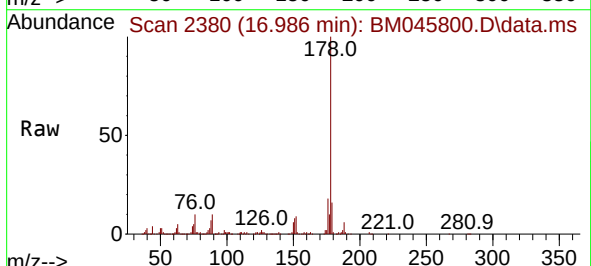
Tgt Ion:178 Resp: 256523

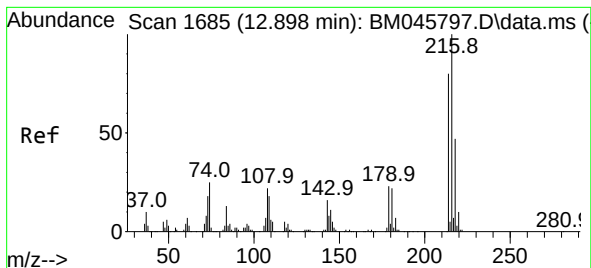
Ion Ratio Lower Upper

178 100

179 16.1 12.0 18.0

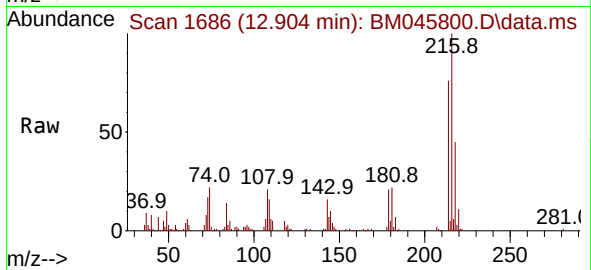
176 18.5 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.209 ng/uL
RT: 12.904 min Scan# 1686
Delta R.T. 0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

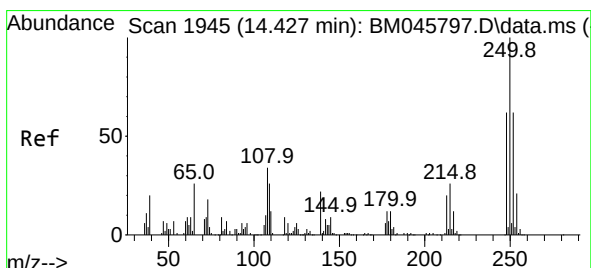
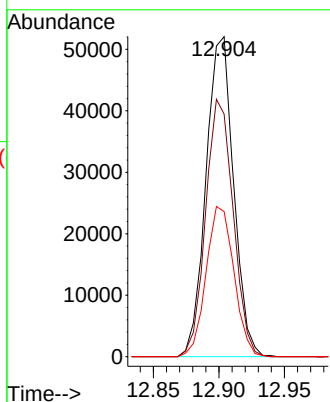
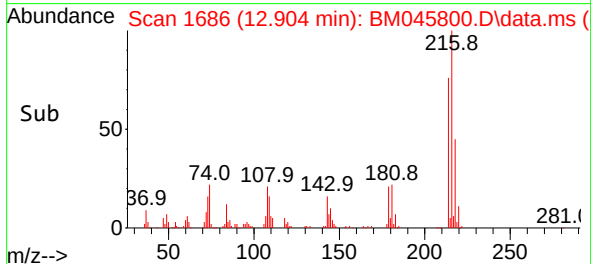
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:216 Resp: 76268
Ion Ratio Lower Upper
216 100
214 75.8 63.2 94.8
218 45.4 38.2 57.2

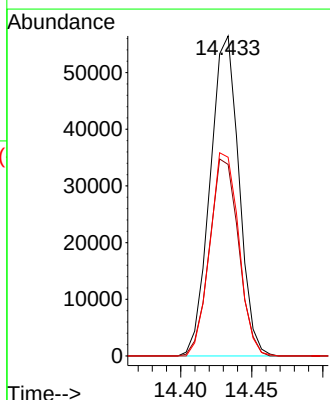
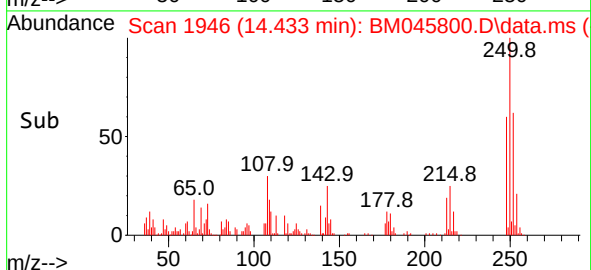
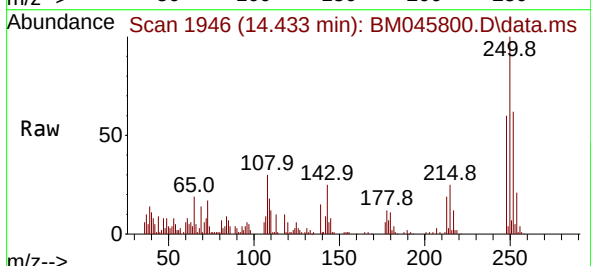
Manual Integrations
APPROVED

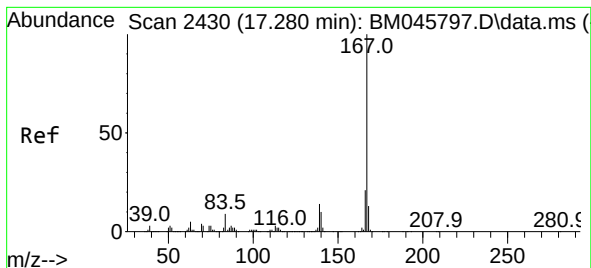
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#76
Pentachlorobenzene
Concen: 4.703 ng/uL
RT: 14.433 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

Tgt Ion:250 Resp: 79695
Ion Ratio Lower Upper
250 100
248 56.2 50.2 75.2
252 58.3 49.5 74.3





#77

Carbazole

Concen: 4.546 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BM045800.D

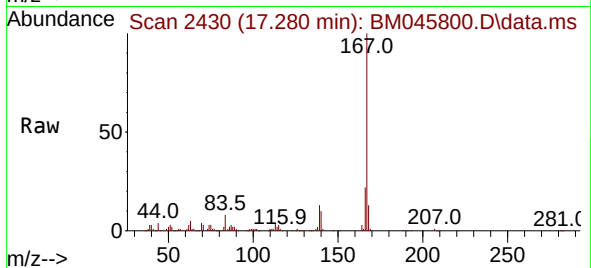
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03

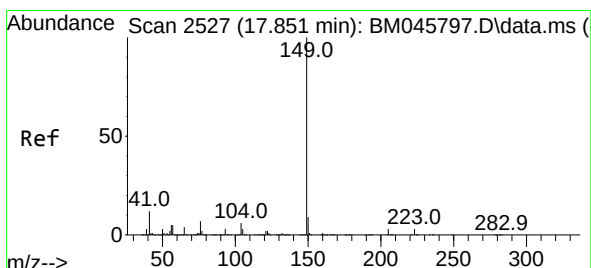
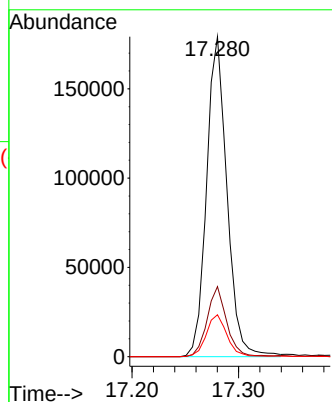
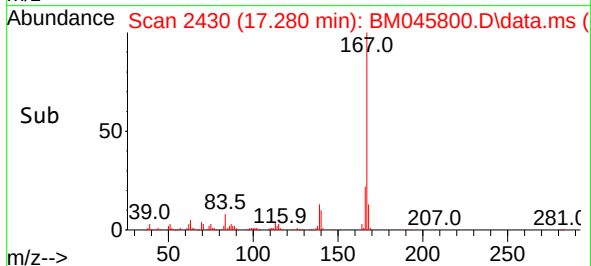


Tgt Ion:	167	Resp:	238492
Ion Ratio	Lower	Upper	
167	100		
166	21.9	16.6	24.8
139	13.1	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#78

Di-n-butylphthalate

Concen: 4.397 ng/ul

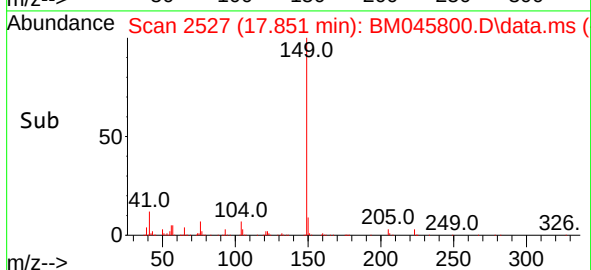
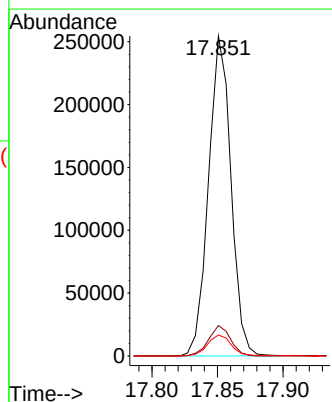
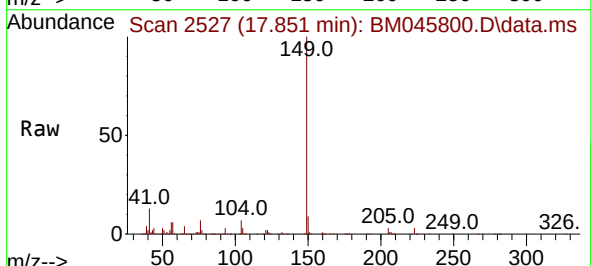
RT: 17.851 min Scan# 2527

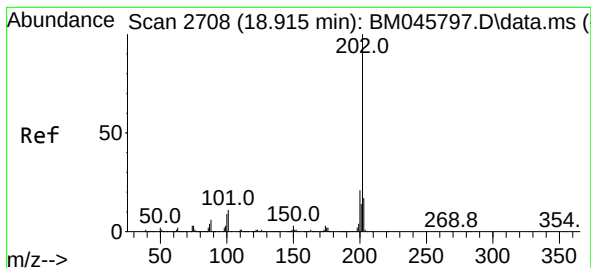
Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

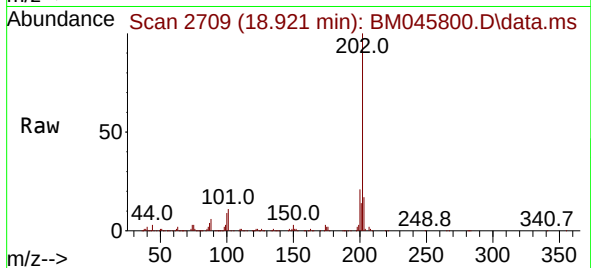
Tgt Ion:	149	Resp:	303383
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	6.5	4.9	7.3





#80
Fluoranthene
Concen: 4.423 ng/u1
RT: 18.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

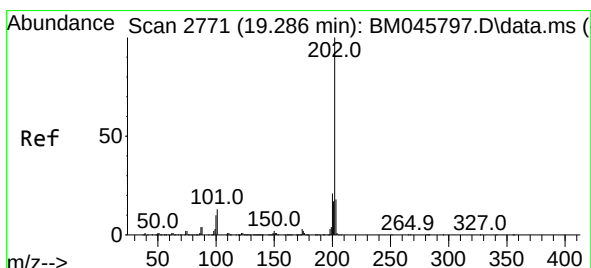
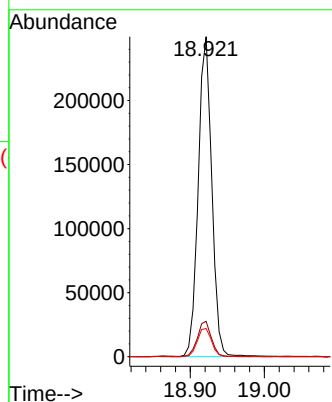
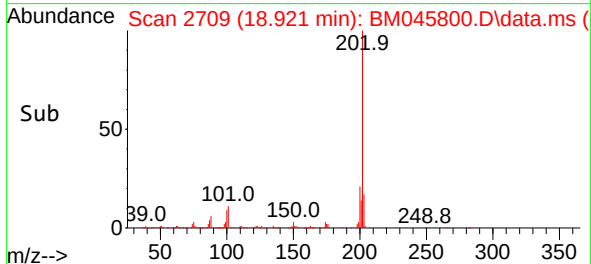
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



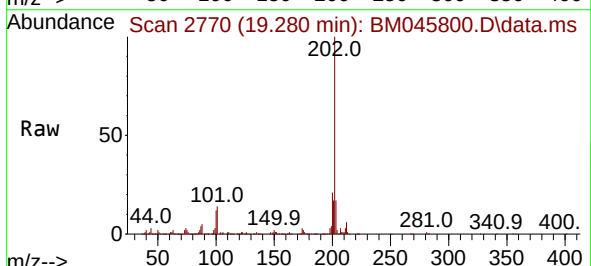
Tgt Ion:202 Resp: 31678
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.8 6.6 10.0

Manual Integrations
APPROVED

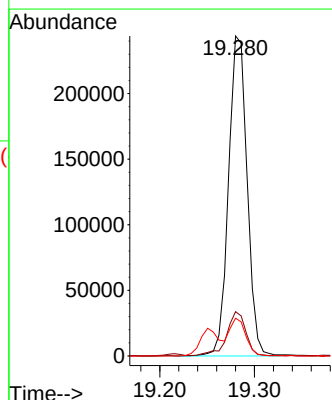
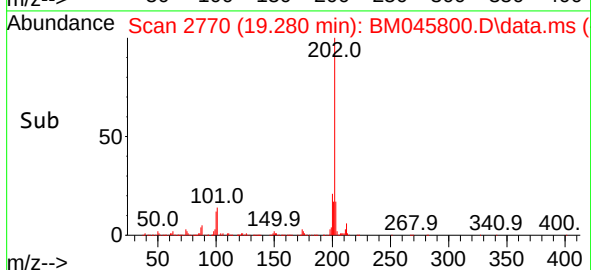
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

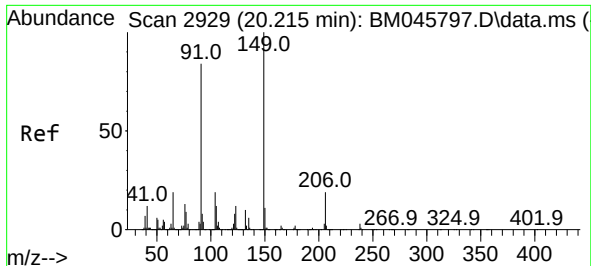


#82
Pyrene
Concen: 4.531 ng/u1
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



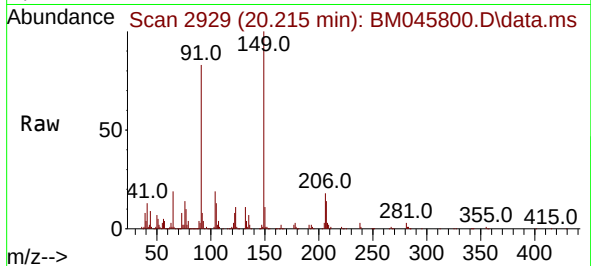
Tgt Ion:202 Resp: 333436
Ion Ratio Lower Upper
202 100
101 13.8 10.5 15.7
100 11.8 8.6 12.8





#83
Butylbenzylphthalate
Concen: 4.032 ng/ul
RT: 20.215 min Scan# 2929
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

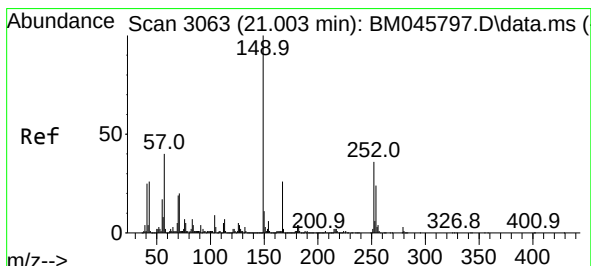
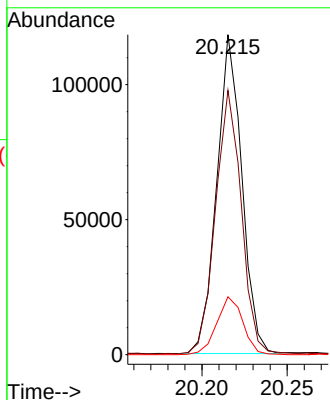
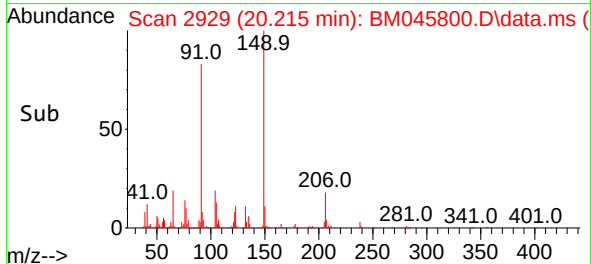
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



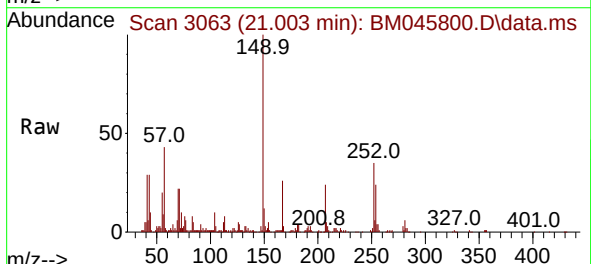
Tgt Ion:149 Resp: 120929
Ion Ratio Lower Upper
149 100
91 82.6 63.7 95.5
206 18.1 15.9 23.9

Manual Integrations
APPROVED

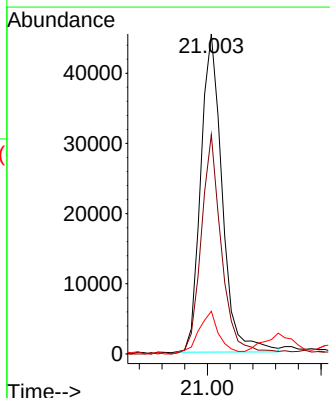
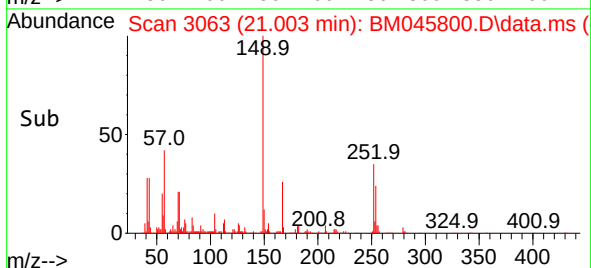
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

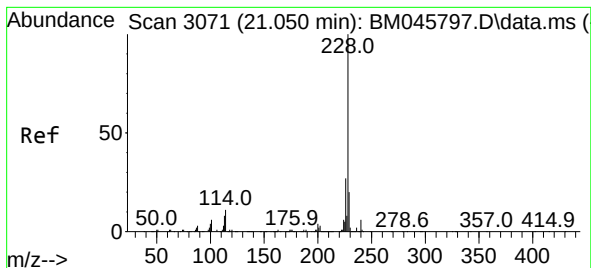


#84
3,3'-Dichlorobenzidine
Concen: 3.165 ng/ul
RT: 21.003 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



Tgt Ion:252 Resp: 59384
Ion Ratio Lower Upper
252 100
254 68.5 51.4 77.2
126 13.4 9.8 14.6





#85

Benzo(a)anthracene

Concen: 4.525 ng/ul

RT: 21.051 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BM045800.D

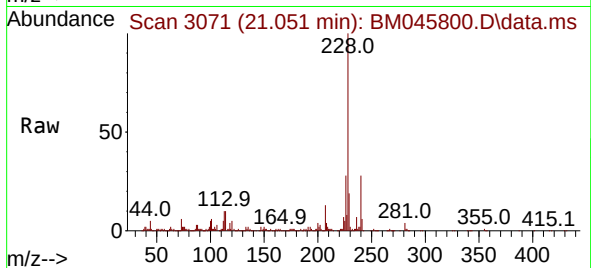
Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03



Tgt Ion:228 Resp: 296829

Ion Ratio Lower Upper

228 100

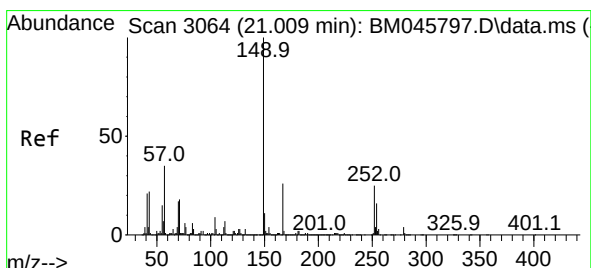
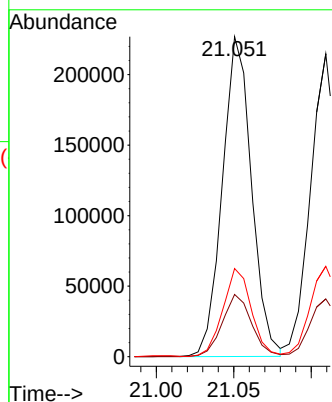
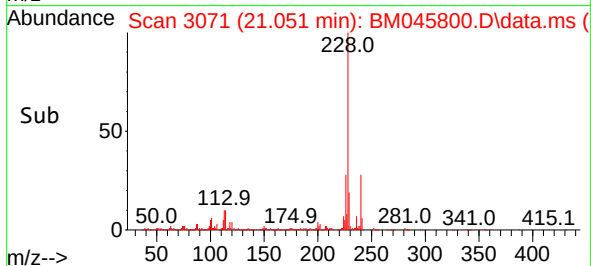
229 19.5 15.8 23.8

226 27.5 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.067 ng/ul

RT: 21.009 min Scan# 3064

Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

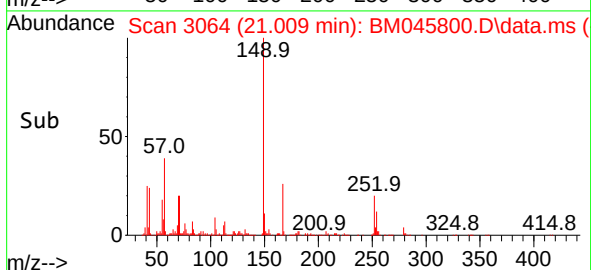
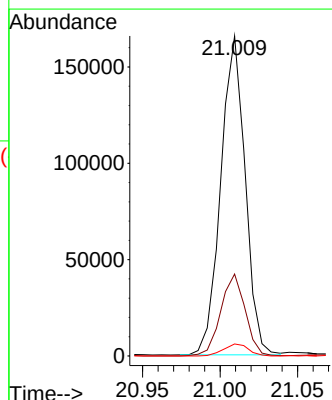
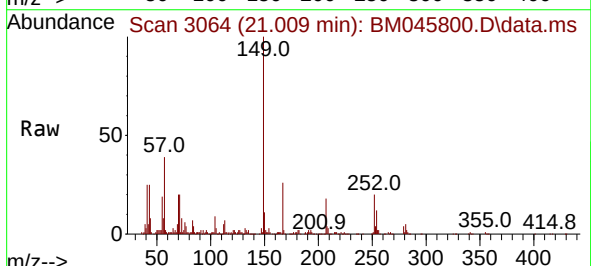
Tgt Ion:149 Resp: 181196

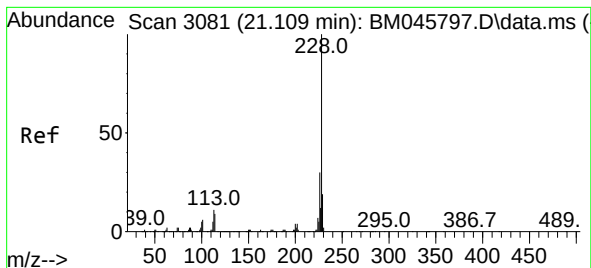
Ion Ratio Lower Upper

149 100

167 25.6 20.4 30.6

279 3.8 3.1 4.7





#87

Chrysene

Concen: 4.630 ng/ul

RT: 21.109 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

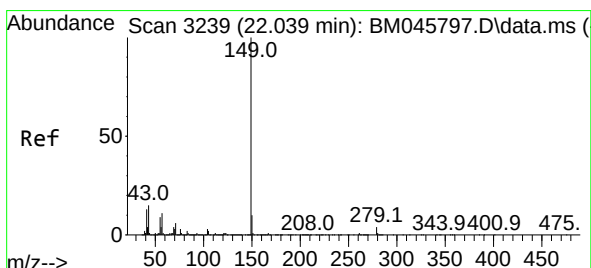
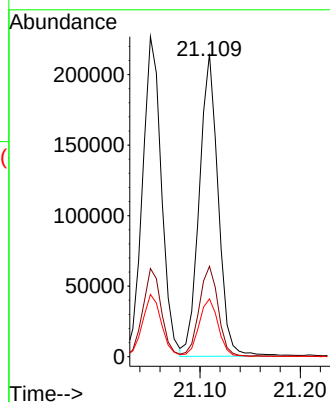
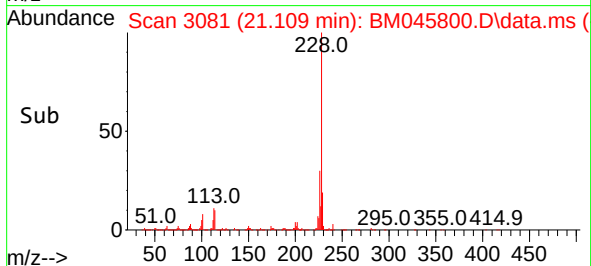
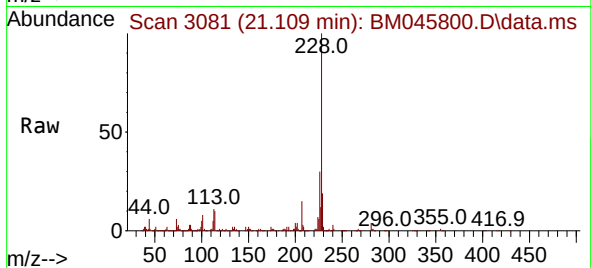
MDL-SOIL-QT2-2024-03

Tgt Ion:228 Resp: 280972
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.1 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#89

Di-n-octyl phthalate

Concen: 3.888 ng/ul

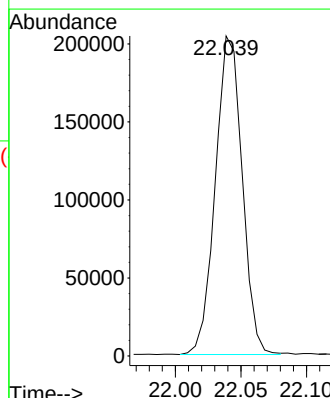
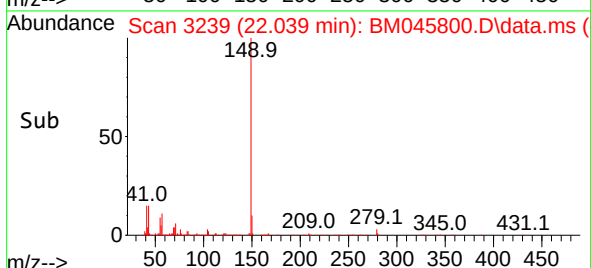
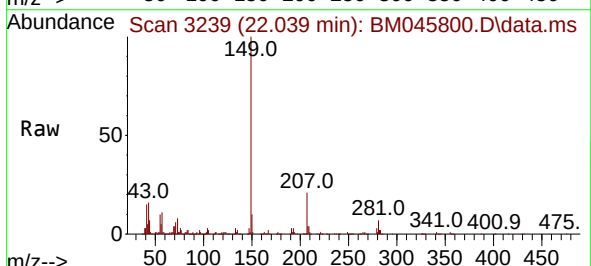
RT: 22.039 min Scan# 3239

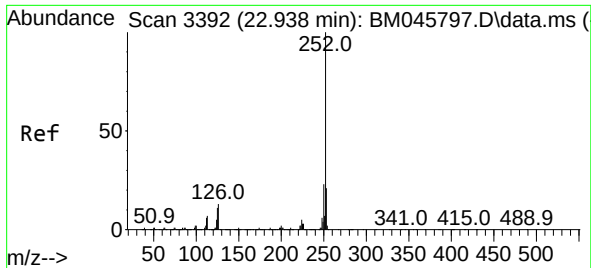
Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

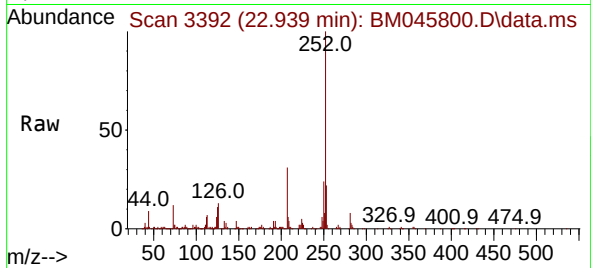
Tgt Ion:149 Resp: 290411





#90
Benzo(b)fluoranthene
Concen: 4.527 ng/ul
RT: 22.939 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34

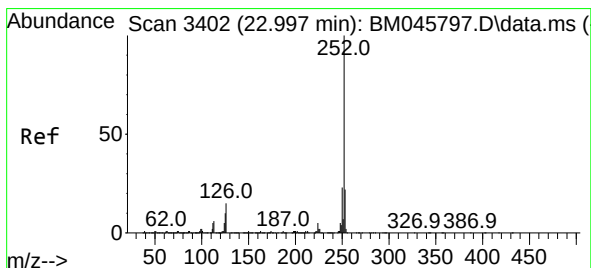
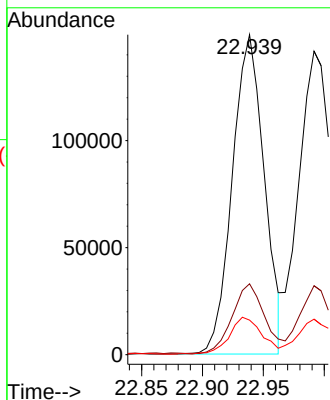
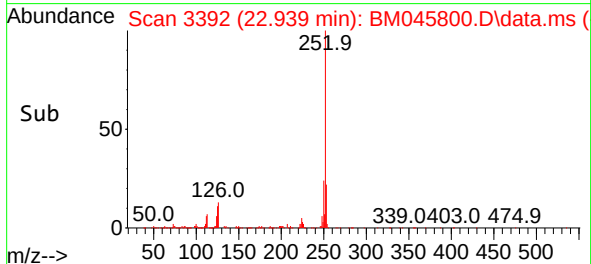
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03



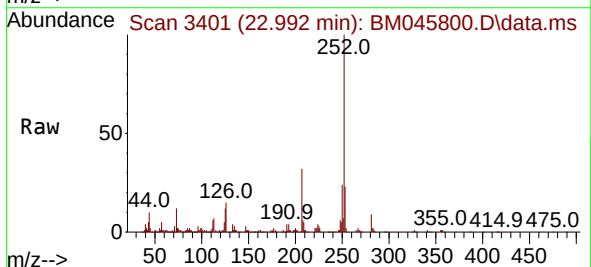
Tgt Ion:252 Resp: 271752
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.8 8.4 12.6

Manual Integrations
APPROVED

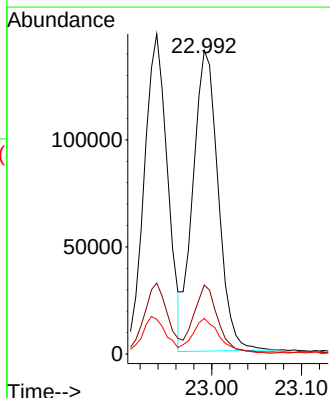
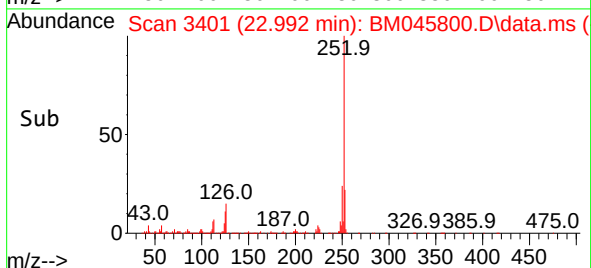
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

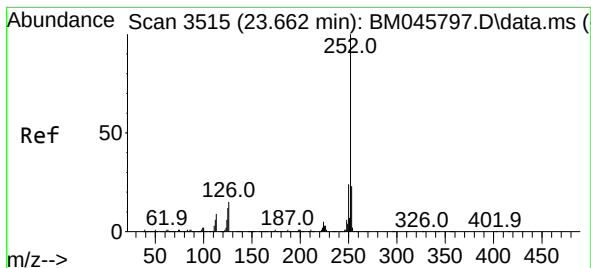


#91
Benzo(k)fluoranthene
Concen: 4.688 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM045800.D
Acq: 03 Jun 2024 11:34



Tgt Ion:252 Resp: 274869
Ion Ratio Lower Upper
252 100
253 22.7 16.8 25.2
125 11.7 8.2 12.4





#93

Benzo(a)pyrene

Concen: 4.481 ng/ul

RT: 23.662 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

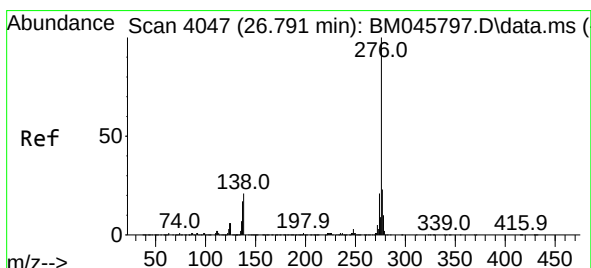
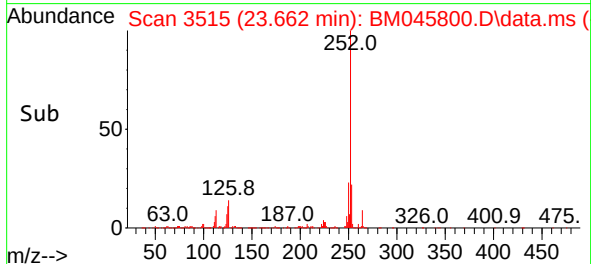
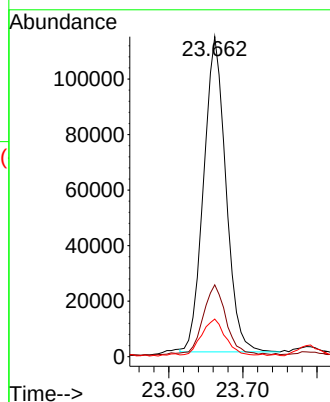
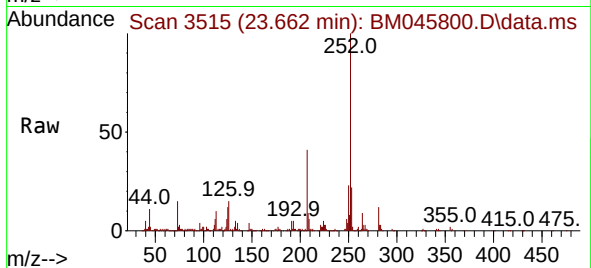
MDL-SOIL-QT2-2024-03

Tgt Ion:252 Resp: 23633
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.574 ng/ul

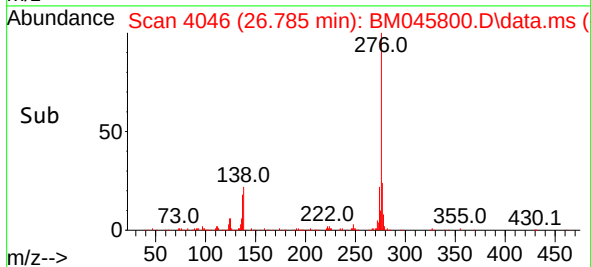
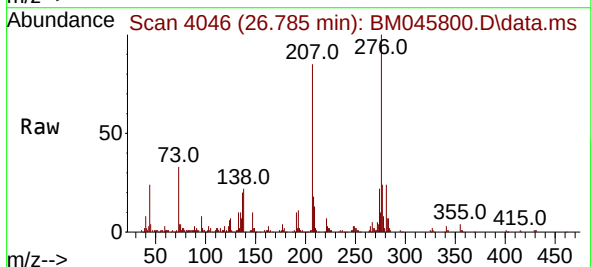
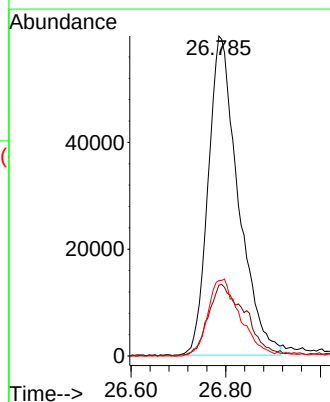
RT: 26.785 min Scan# 4046

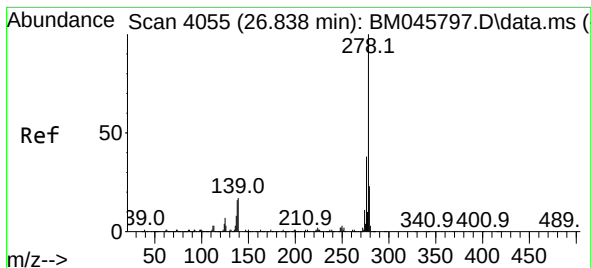
Delta R.T. -0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Tgt Ion:276 Resp: 263466
Ion Ratio Lower Upper
276 100
138 22.2 17.9 26.9
277 23.6 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 4.548 ng/ul

RT: 26.838 min Scan# 4055

Delta R.T. 0.000 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-03

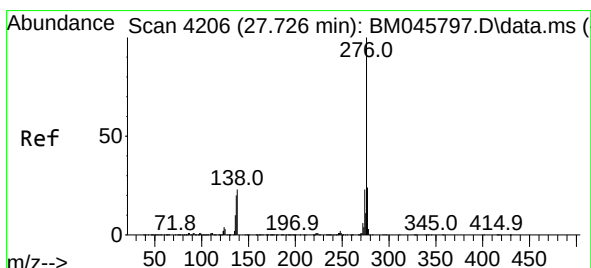
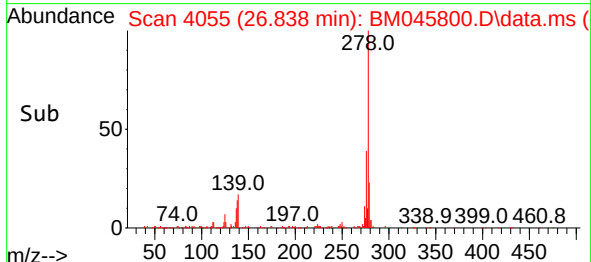
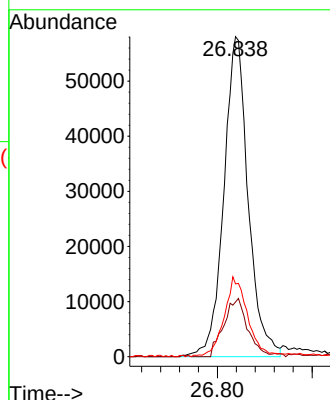
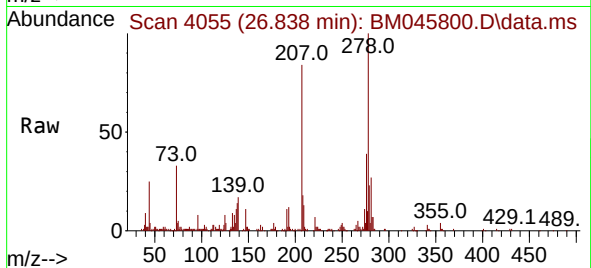
Tgt Ion:278 Resp: 207190

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.2	19.8
279	22.8	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#96

Benzo(g,h,i)perylene

Concen: 4.764 ng/ul

RT: 27.721 min Scan# 4205

Delta R.T. -0.006 min

Lab File: BM045800.D

Acq: 03 Jun 2024 11:34

Tgt Ion:276 Resp: 241682

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.6	27.8
277	22.9	18.7	28.1

