

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042298.D
 Acq On : 16 Oct 2023 14:41
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Oct 16 16:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	126495	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	573250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	349852	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	740529	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	683737	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	722679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	27506	6.794	ng/uL	0.00
4) Pyridine-d5	3.804	84	370007	30.860	ng/u1	0.00
7) Phenol-d5	7.163	99	398667	28.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	278241	29.374	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	273473	28.357	ng/u1	0.01
15) 4-Methylphenol-d8	8.722	113	305221	27.492	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	141221	29.007	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	149429	28.712	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	261941	27.580	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	405709	27.131	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	854121	28.163	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	979111	29.498	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	163051	26.730	ng/u1	0.00
60) Fluorene-d10	15.651	176	730394	29.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	119614	23.058	ng/u1	0.00
73) Anthracene-d10	17.509	188	1108544	29.223	ng/u1	0.00
81) Pyrene-d10	19.803	212	1275032	30.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1216646	30.671	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	5260	1.185	ng/uL	97
5) Pyridine	3.828	79	58981	4.752	ng/u1#	70
6) Benzaldehyde	7.175	77	47567	6.637	ng/u1	97
8) Phenol	7.187	94	63304	4.471	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.451	93	56783	4.830	ng/u1	97
12) 2-Chlorophenol	7.569	128	45429	4.510	ng/u1	93
13) 2-Methylphenol	8.457	108	42262	4.000	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	97105m	4.844	ng/u1	
16) Acetophenone	8.863	105	79062	4.587	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.834	70	44821	4.394	ng/u1	99
18) 4-Methylphenol	8.786	108	49399	4.242	ng/u1	97
19) Hexachloroethane	9.086	117	19433	4.573	ng/u1	99
22) Nitrobenzene	9.257	77	66394	4.822	ng/u1	99
23) Isophorone	9.769	82	114985	4.307	ng/u1	99
25) 2-Nitrophenol	9.957	139	26078	4.579	ng/u1	98
26) 2,4-Dimethylphenol	9.992	107	52328	4.323	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.251	93	78646	4.711	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	41239	4.446	ng/u1	95
30) Naphthalene	10.892	128	159627	4.750	ng/u1	99
32) 4-Chloroaniline	11.022	127	67744	4.687	ng/u1	99
33) Hexachlorobutadiene	11.116	225	25655	4.791	ng/u1	98
34) Caprolactam	11.851	113	21153	6.245	ng/u1	97
35) 4-Chloro-3-methylphenol	12.116	107	46763	4.093	ng/u1	95
36) 2-Methylnaphthalene	12.492	142	104785	4.556	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042298.D
 Acq On : 16 Oct 2023 14:41
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

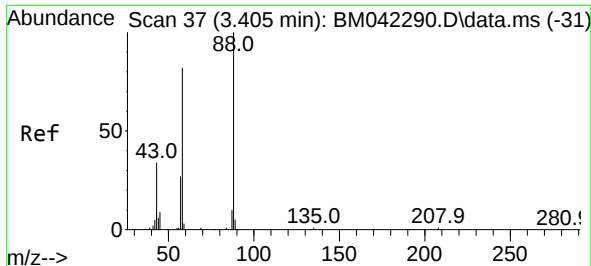
Quant Time: Oct 16 16:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	108038	4.647	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	49772	4.518	ng/ul	94
40) Hexachlorocyclopentadiene	12.786	237	41213	5.781	ng/ul	94
41) 2,4,6-Trichlorophenol	13.092	196	29223	3.968	ng/ul	95
42) 2,4,5-Trichlorophenol	13.163	196	31920	4.037	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	139802	4.662	ng/ul	97
44) 2-Chloronaphthalene	13.545	162	106645	4.640	ng/ul	99
45) 2-Nitroaniline	13.780	65	31137	3.768	ng/ul	98
47) Dimethylphthalate	14.116	163	138413	4.586	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	19638	3.595	ng/ul	95
50) Acenaphthylene	14.386	152	181099	4.724	ng/ul	99
51) 3-Nitroaniline	14.604	138	22394	3.478	ng/ul#	84
52) Acenaphthene	14.721	153	119622	4.645	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	28559	7.723	ng/ul	99
55) 4-Nitrophenol	14.886	109	21623	4.370	ng/ul	99
56) Dibenzofuran	15.057	168	162747	4.705	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	31070	3.857	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.274	232	26118	3.936	ng/ul	97
59) Diethylphthalate	15.468	149	136177	4.421	ng/ul	100
61) Fluorene	15.704	166	134628	4.692	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	62973	4.546	ng/ul	96
63) 4-Nitroaniline	15.762	138	26159	4.542	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.792	198	22207	4.093	ng/ul#	85
67) N-Nitrosodiphenylamine	15.915	169	104489	4.435	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	32917	4.133	ng/ul	97
69) Hexachlorobenzene	16.674	284	39061	4.313	ng/ul	99
70) Atrazine	16.862	200	30787	3.808	ng/ul	97
71) Pentachlorophenol	17.039	266	36145	5.890	ng/ul	99
72) Phenanthrene	17.451	178	207068	4.558	ng/ul	99
74) Anthracene	17.545	178	211023	4.619	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	48419	4.413	ng/uL	96
76) Pentachlorobenzene	14.951	250	51058	4.739	ng/uL	96
77) Carbazole	17.827	167	178245	4.283	ng/ul	100
78) Di-n-butylphthalate	18.351	149	211733	4.019	ng/ul	99
80) Fluoranthene	19.462	202	217232	4.402	ng/ul	97
82) Pyrene	19.827	202	246819	4.757	ng/ul#	92
83) Butylbenzylphthalate	20.709	149	84445	3.818	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.515	252	62492	3.826	ng/ul	98
85) Benzo(a)anthracene	21.574	228	224119	4.321	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.456	149	127132	3.891	ng/ul	100
87) Chrysene	21.627	228	211096	4.426	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	212421	3.639	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	212471	4.327	ng/ul	97
91) Benzo(k)fluoranthene	23.350	252	206459m	4.251	ng/ul	
93) Benzo(a)pyrene	23.956	252	197027	4.287	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.662	276	220084	3.943	ng/ul	96
95) Dibenzo(a,h)anthracene	26.679	278	181970	3.930	ng/ul	99
96) Benzo(g,h,i)perylene	27.474	276	175657	4.023	ng/ul	99

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



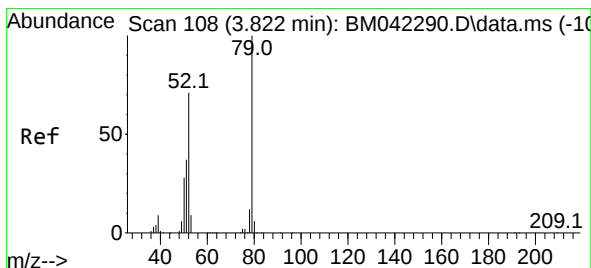
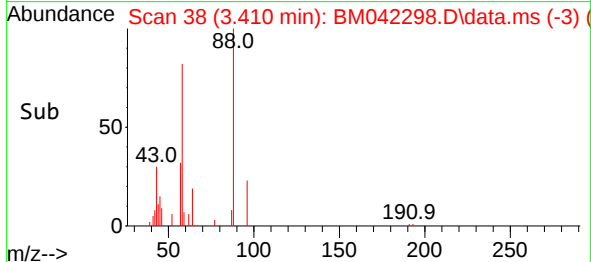
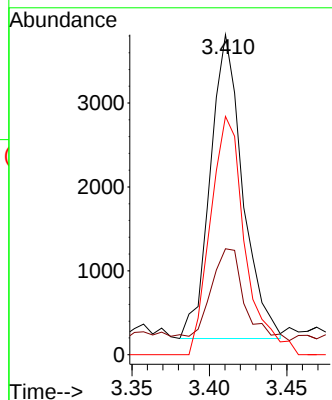
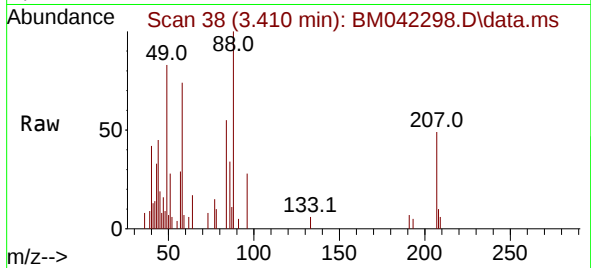
#2
1,4-Dioxane
Concen: 1.185 ng/uL
RT: 3.410 min Scan# 37
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 88 Resp: 5260
Ion Ratio Lower Upper
88 100
43 33.1 27.5 41.3
58 74.5 61.8 92.8

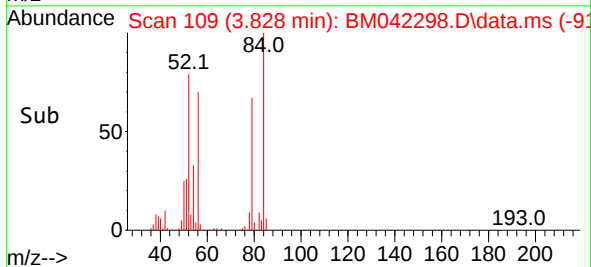
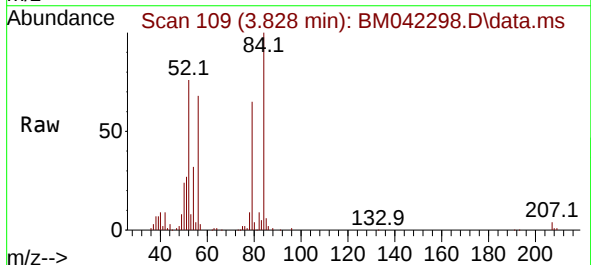
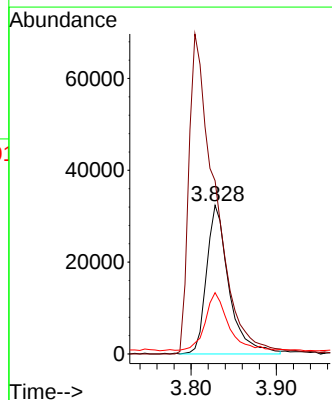
Manual Integrations
APPROVED

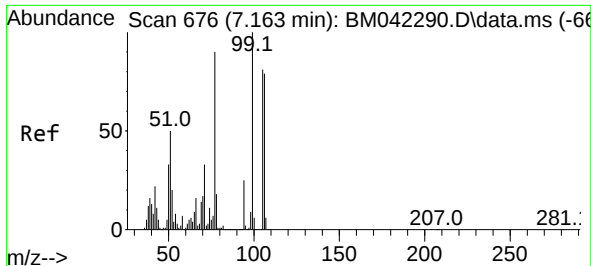
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.752 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

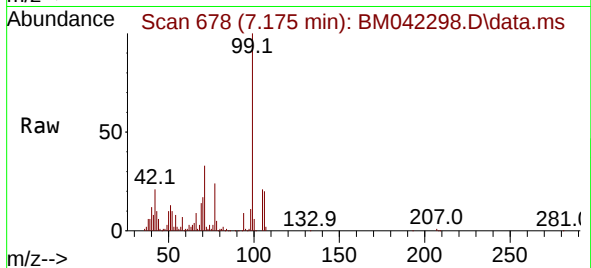
Tgt Ion: 79 Resp: 58981
Ion Ratio Lower Upper
79 100
52 116.6 63.8 95.6
51 41.2 30.2 45.2





#6
Benzaldehyde
Concen: 6.637 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

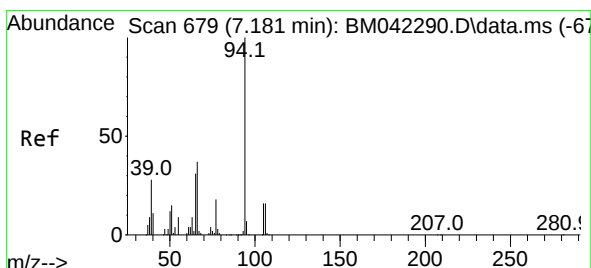
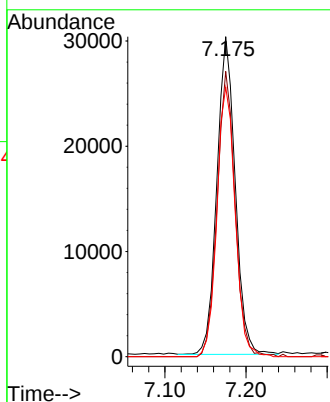
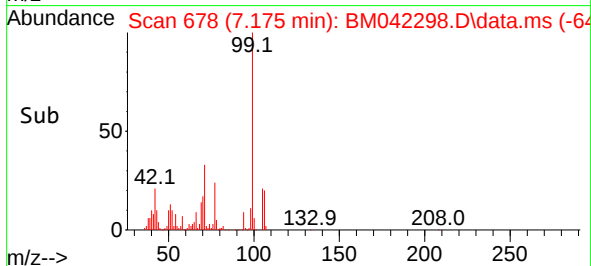
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 4756
Ion Ratio Lower Upper
77 100
105 89.1 70.6 105.8
106 84.2 71.6 107.4

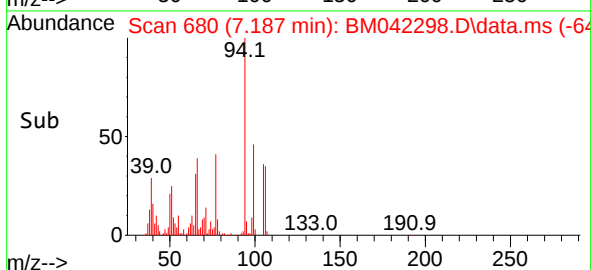
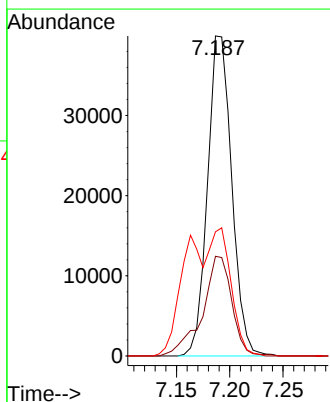
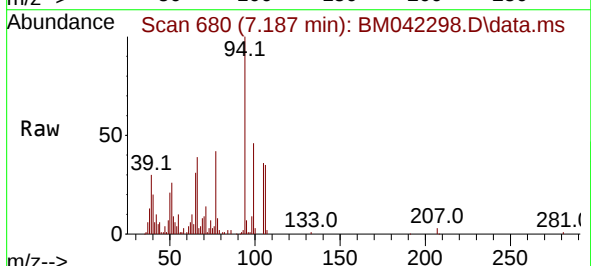
Manual Integrations
APPROVED

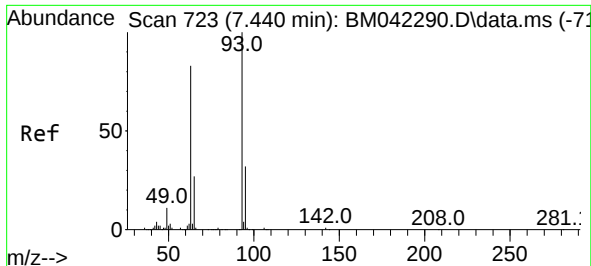
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.471 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

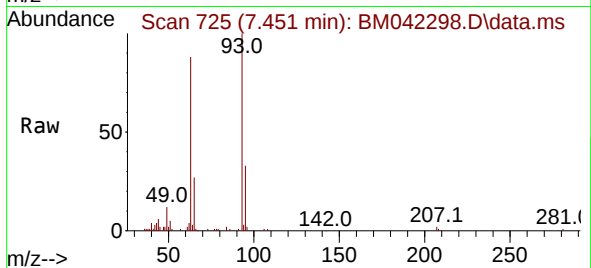
Tgt Ion: 94 Resp: 63304
Ion Ratio Lower Upper
94 100
65 31.2 24.1 36.1
66 38.8 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.830 ng/ul
RT: 7.451 min Scan# 725
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

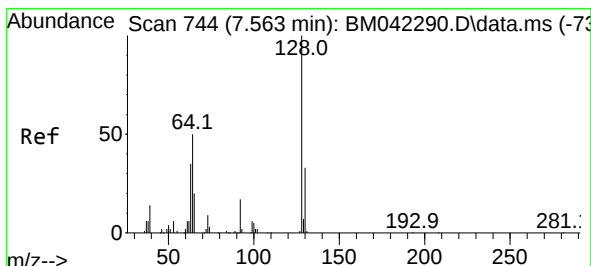
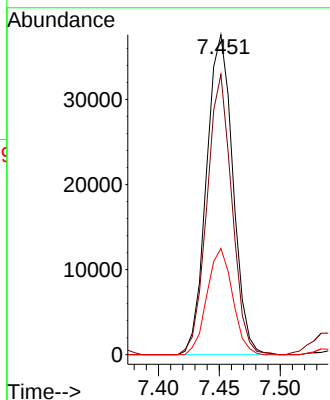
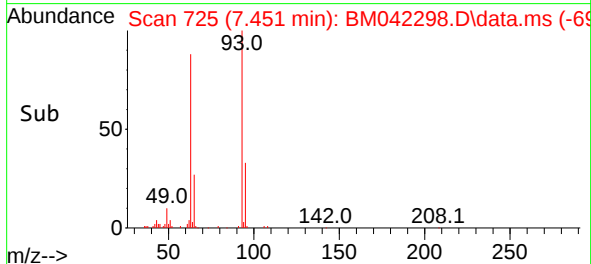
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 93 Resp: 5678
Ion Ratio Lower Upper
93 100
63 87.6 67.3 100.9
95 33.2 26.7 40.1

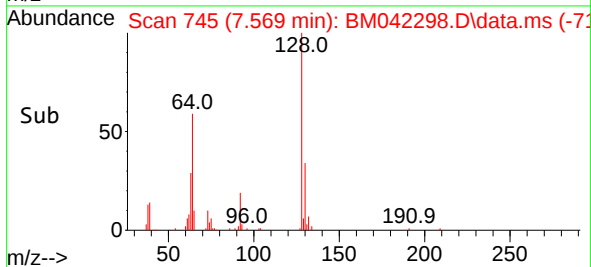
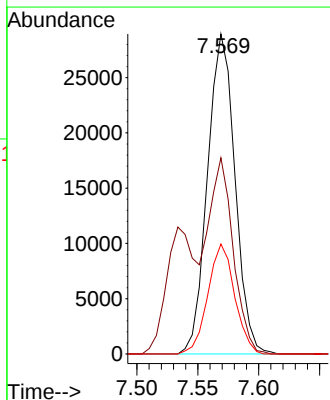
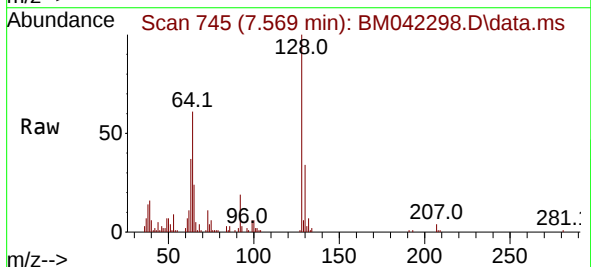
Manual Integrations
APPROVED

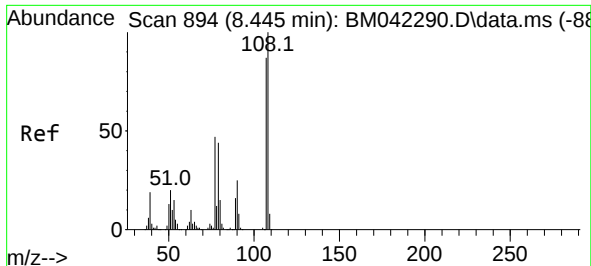
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.510 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

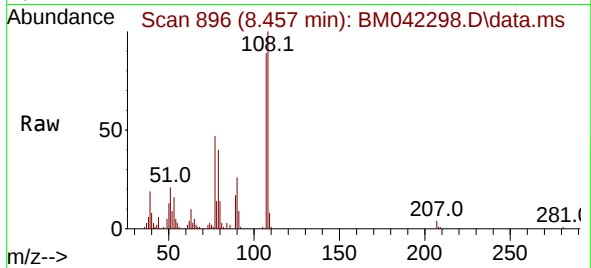
Tgt Ion:128 Resp: 45429
Ion Ratio Lower Upper
128 100
64 61.3 43.8 65.6
130 34.4 25.9 38.9





#13
2-Methylphenol
Concen: 4.000 ng/ul
RT: 8.457 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

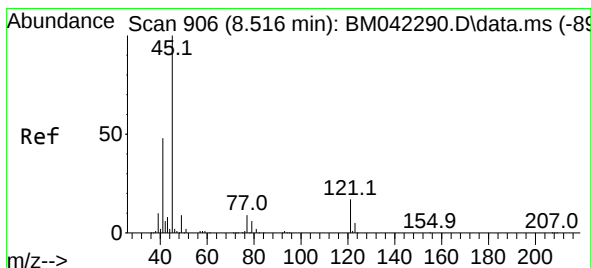
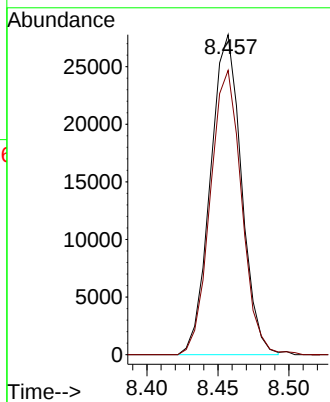
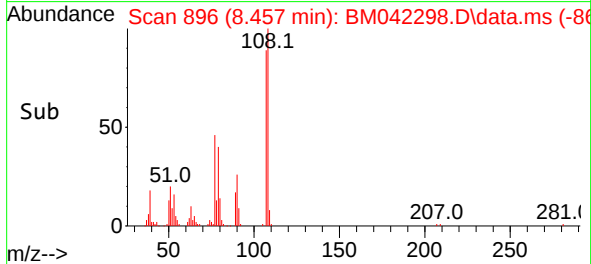
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:108 Resp: 4226
Ion Ratio Lower Upper
108 100
107 88.9 70.6 106.0

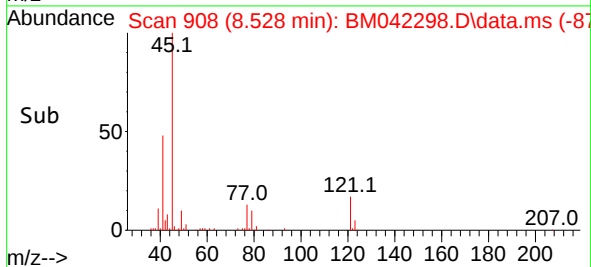
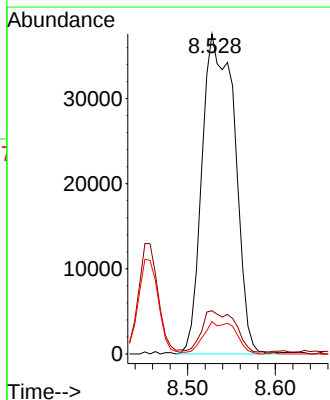
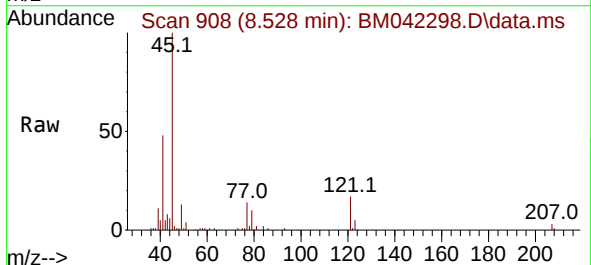
Manual Integrations
APPROVED

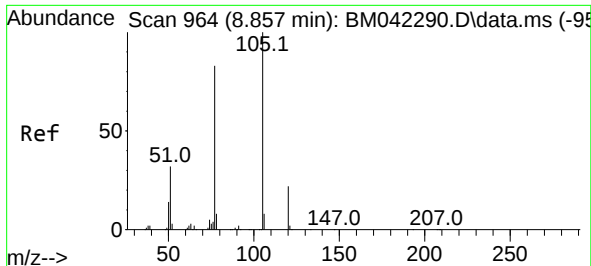
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.844 ng/ul m
RT: 8.528 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

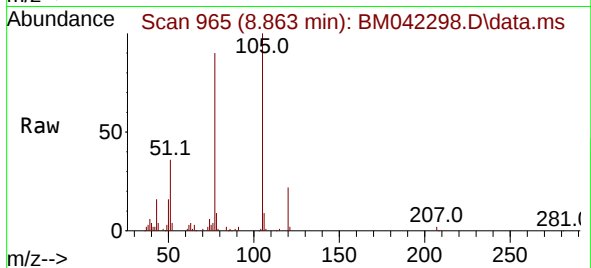
Tgt Ion: 45 Resp: 97105
Ion Ratio Lower Upper
45 100
77 13.5 10.5 15.7
79 10.1 7.3 10.9





#16
Acetophenone
Concen: 4.587 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

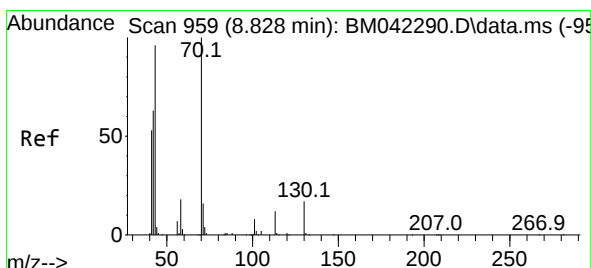
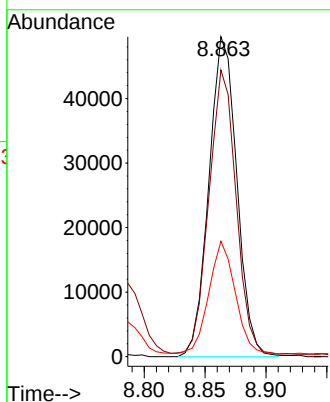
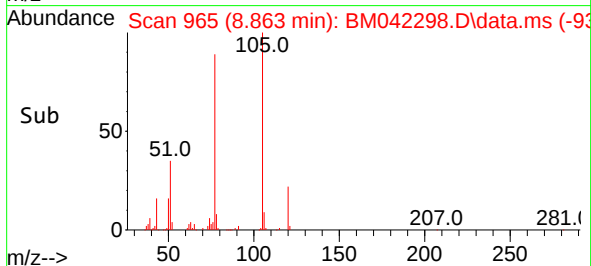
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion: 105 Resp: 79062
Ion Ratio Lower Upper
105 100
77 89.6 67.8 101.8
51 36.1 26.9 40.3

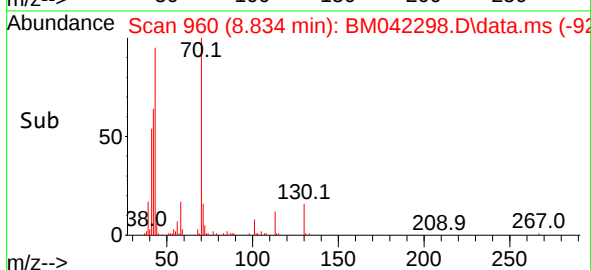
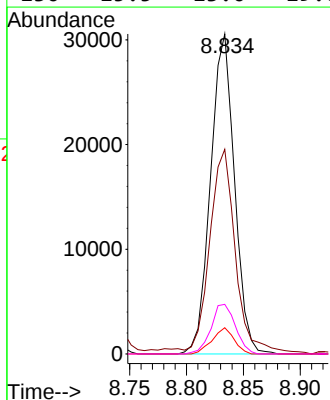
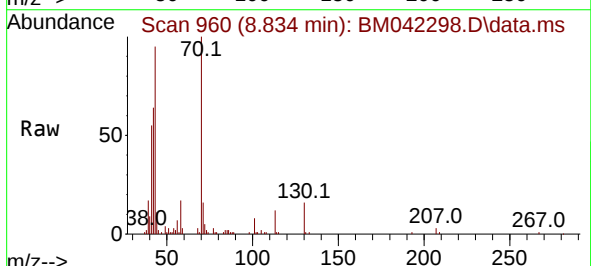
Manual Integrations
APPROVED

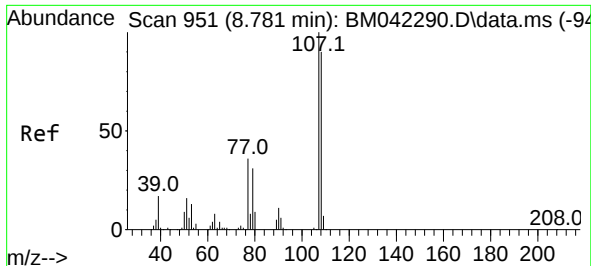
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.394 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

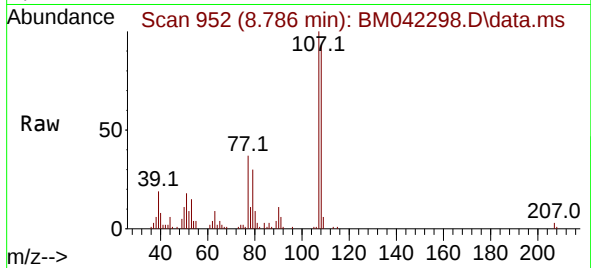
Tgt Ion: 70 Resp: 44821
Ion Ratio Lower Upper
70 100
42 64.0 51.0 76.4
101 8.2 6.7 10.1
130 15.5 13.0 19.6





#18
4-Methylphenol
Concen: 4.242 ng/ul
RT: 8.786 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

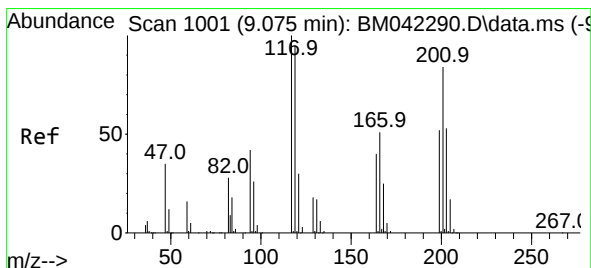
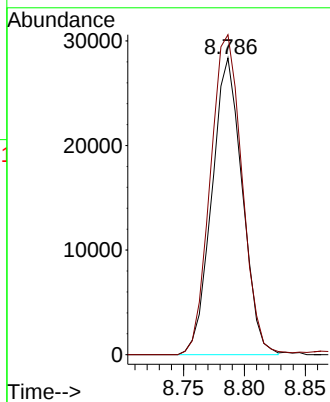
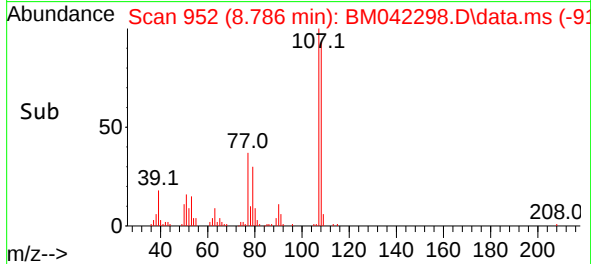
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



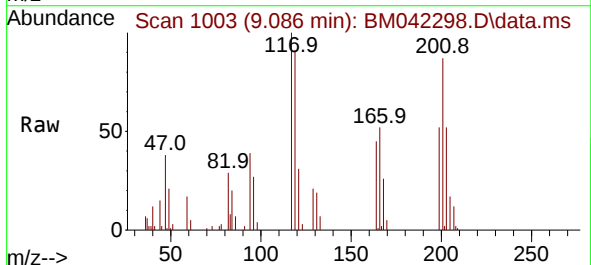
Tgt Ion:108 Resp: 4939
Ion Ratio Lower Upper
108 100
107 107.9 89.0 133.6

Manual Integrations
APPROVED

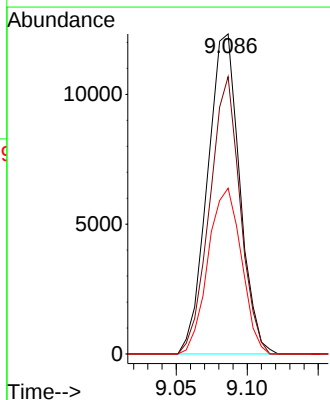
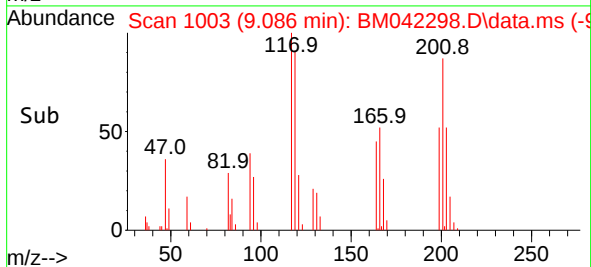
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

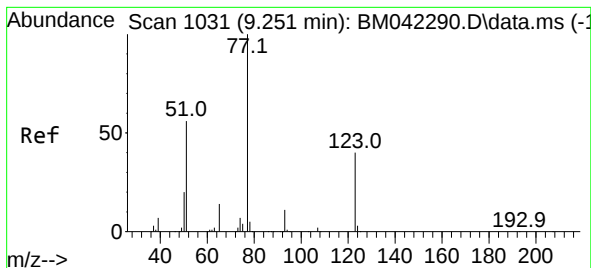


#19
Hexachloroethane
Concen: 4.573 ng/ul
RT: 9.086 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



Tgt Ion:117 Resp: 19433
Ion Ratio Lower Upper
117 100
201 86.6 69.8 104.8
199 51.8 40.8 61.2





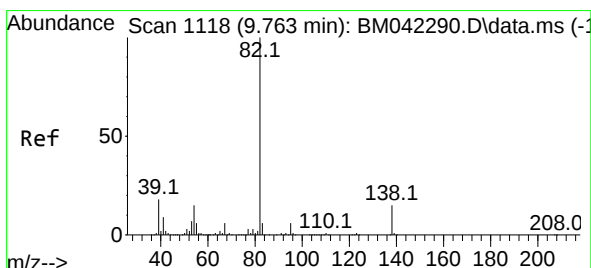
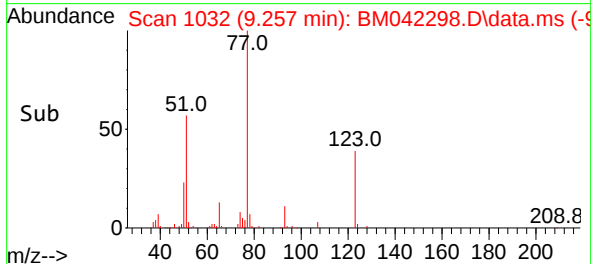
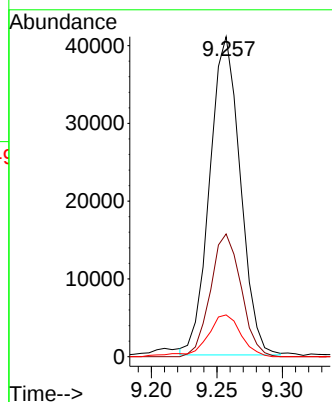
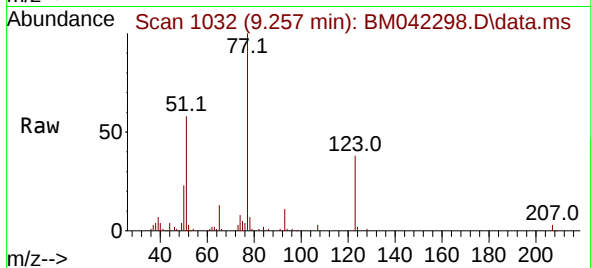
#22
Nitrobenzene
Concen: 4.822 ng/ul
RT: 9.257 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 77 Resp: 66394
Ion Ratio Lower Upper
77 100
123 38.4 31.3 46.9
65 13.1 10.7 16.1

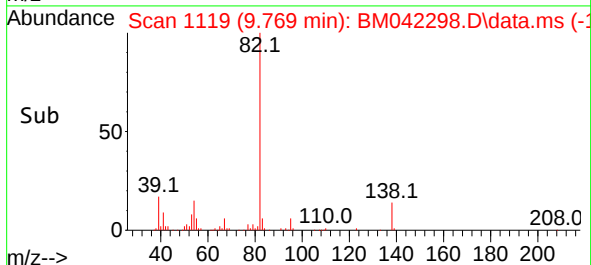
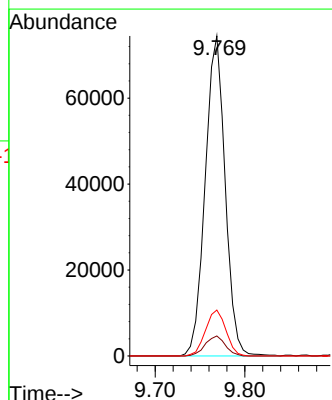
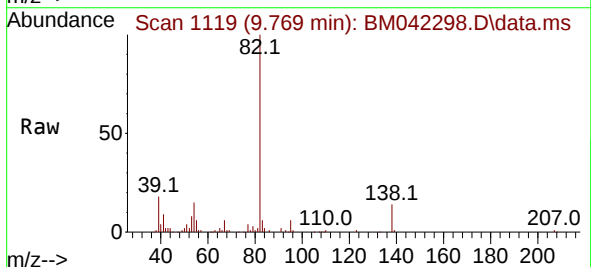
Manual Integrations
APPROVED

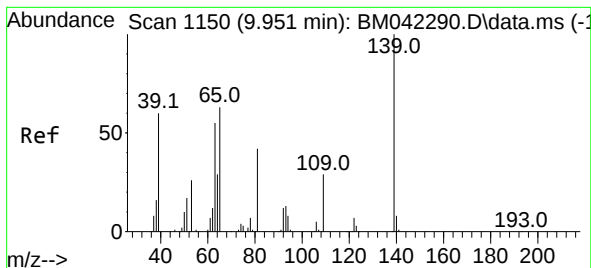
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 4.307 ng/ul
RT: 9.769 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion: 82 Resp: 114985
Ion Ratio Lower Upper
82 100
95 6.2 5.0 7.4
138 14.3 11.8 17.6





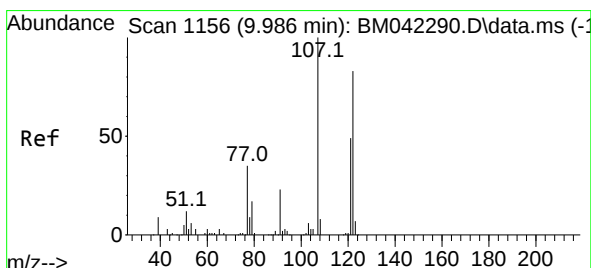
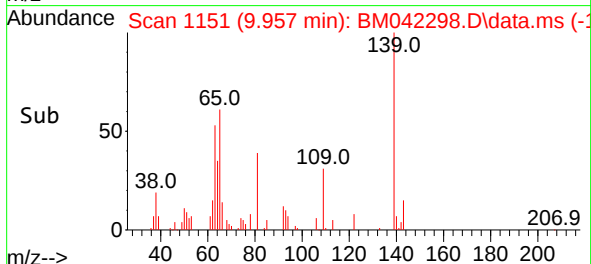
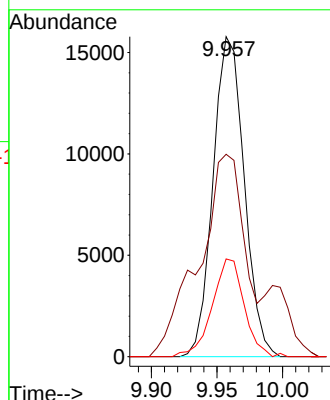
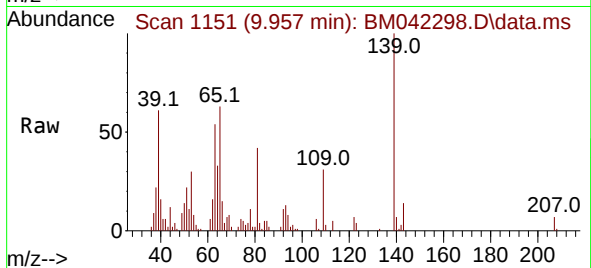
#25
2-Nitrophenol
Concen: 4.579 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:139 Resp: 26078
Ion Ratio Lower Upper
139 100
65 63.2 49.4 74.2
109 30.5 24.0 36.0

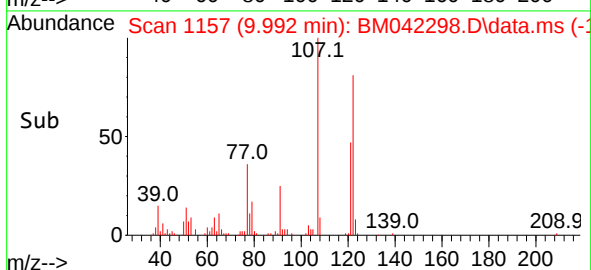
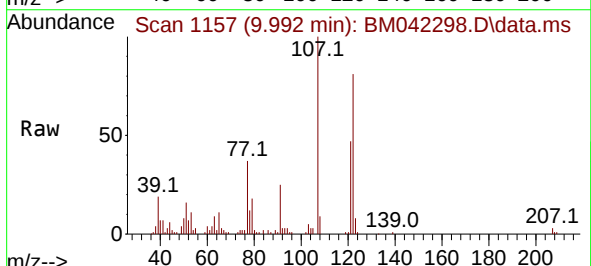
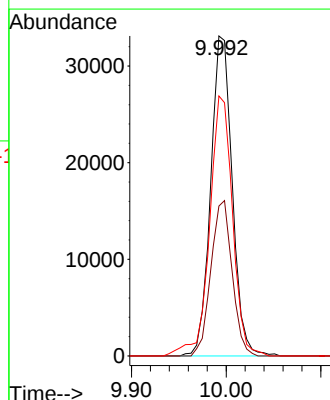
Manual Integrations
APPROVED

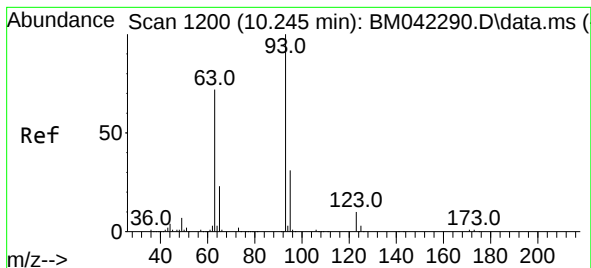
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.323 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:107 Resp: 52328
Ion Ratio Lower Upper
107 100
121 46.9 38.4 57.6
122 81.2 68.6 102.8





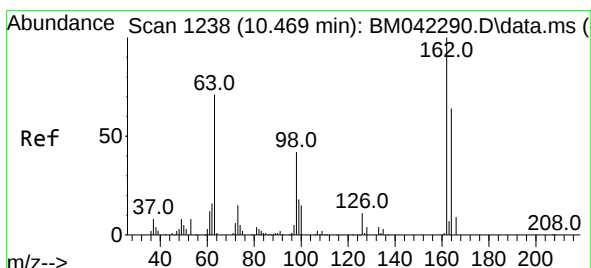
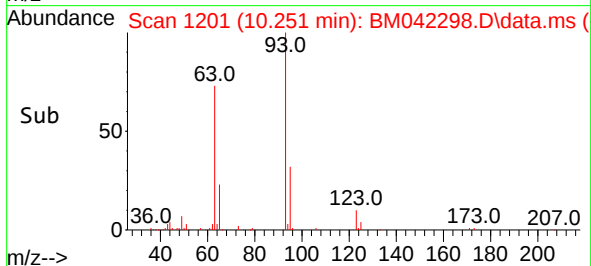
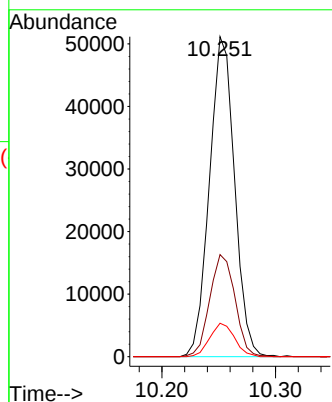
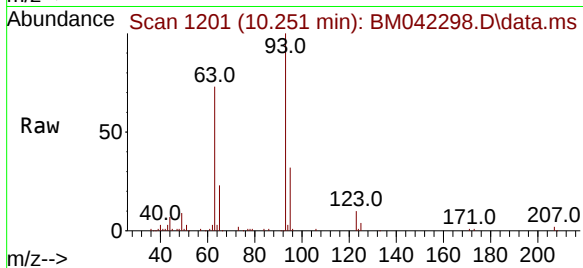
#27
Bis(2-Chloroethoxy)methane
Concen: 4.711 ng/ul
RT: 10.251 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 93 Resp: 78640
Ion Ratio Lower Upper
93 100
95 31.9 26.1 39.1
123 10.4 8.1 12.1

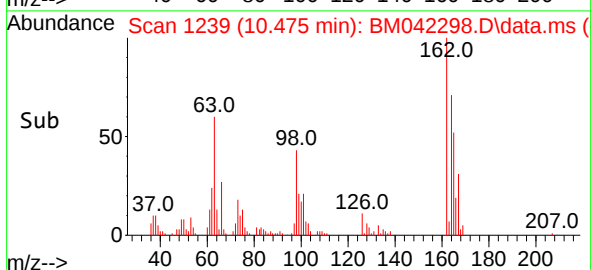
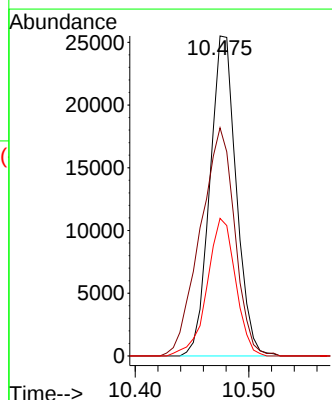
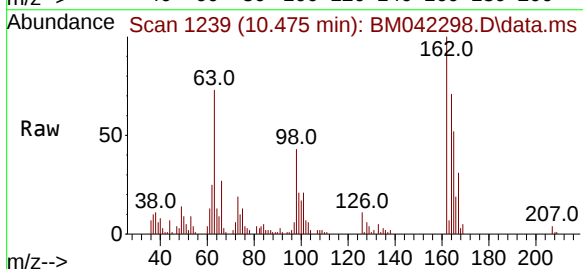
Manual Integrations
APPROVED

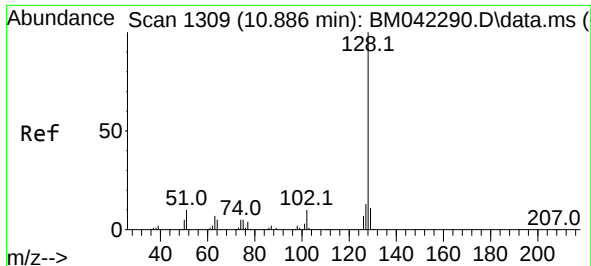
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.446 ng/ul
RT: 10.475 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

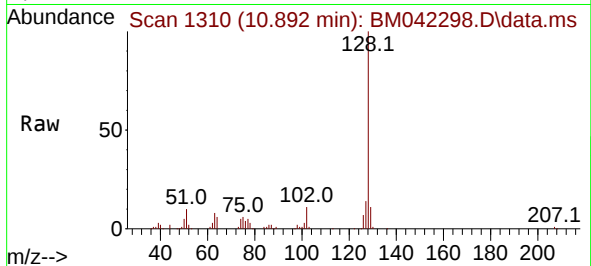
Tgt Ion:162 Resp: 41239
Ion Ratio Lower Upper
162 100
164 71.3 52.4 78.6
98 43.0 34.6 52.0





#30
Naphthalene
Concen: 4.750 ng/ul
RT: 10.892 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

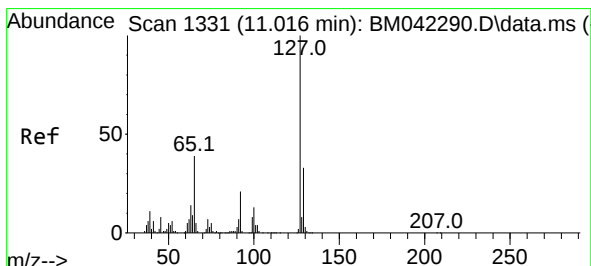
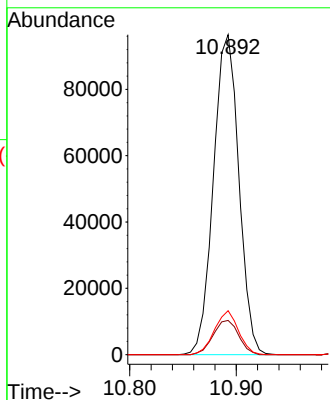
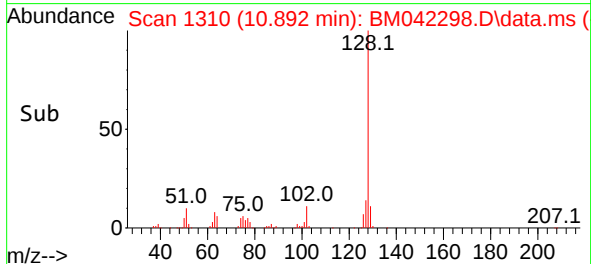
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:128 Resp: 15962
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.8 10.4 15.6

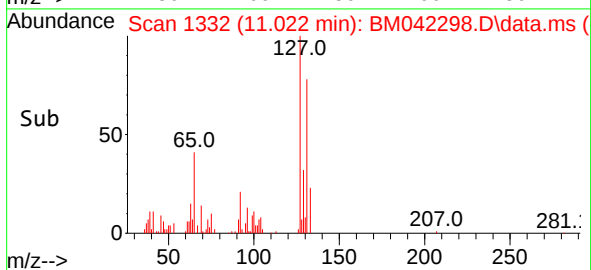
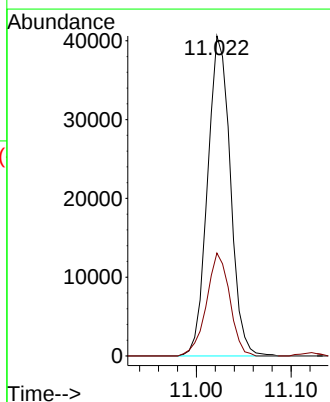
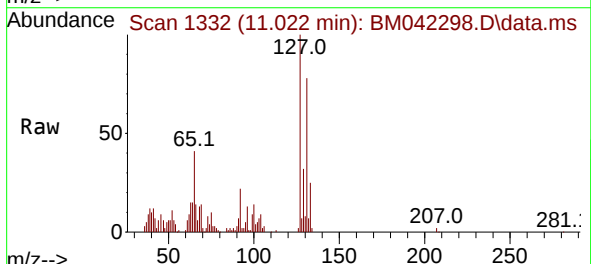
Manual Integrations
APPROVED

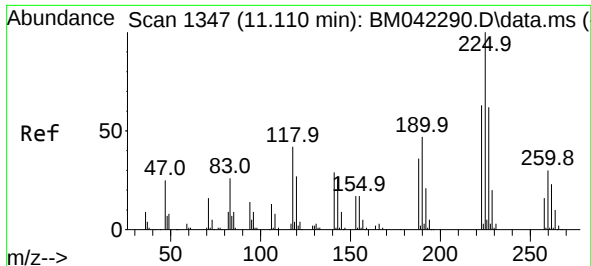
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.687 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

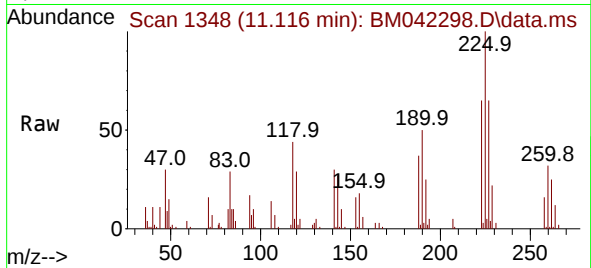
Tgt Ion:127 Resp: 67744
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.791 ng/uI
RT: 11.116 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

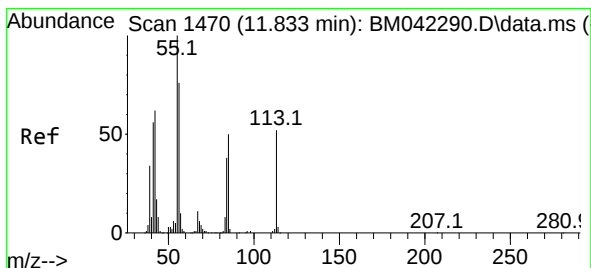
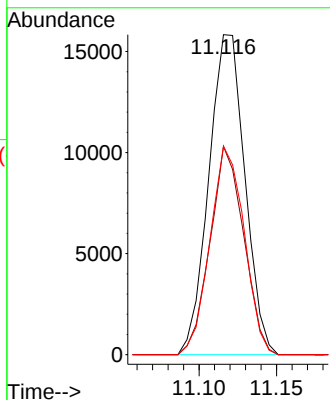
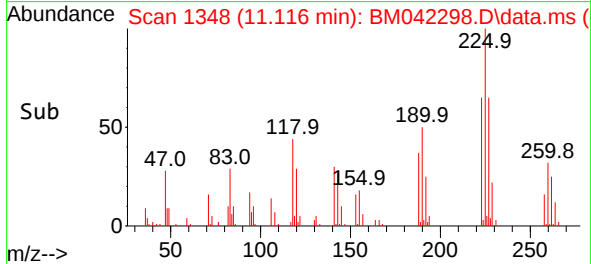
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



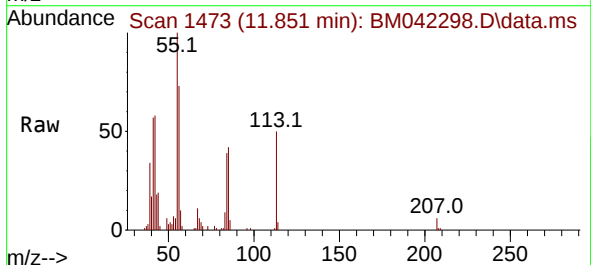
Tgt Ion:225 Resp: 2565
Ion Ratio Lower Upper
225 100
223 65.1 51.3 76.9
227 65.2 53.4 80.0

Manual Integrations
APPROVED

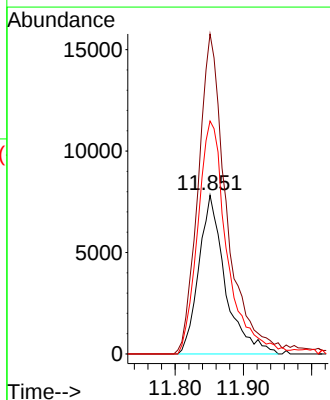
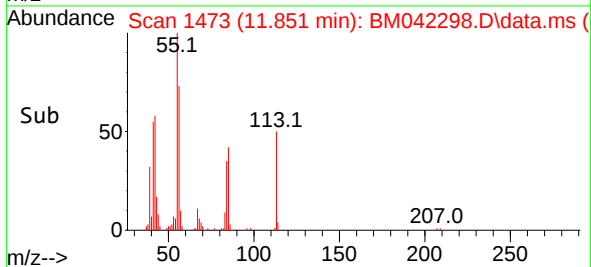
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

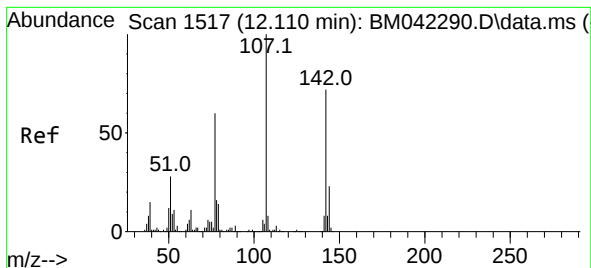


#34
Caprolactam
Concen: 6.245 ng/uI
RT: 11.851 min Scan# 1473
Delta R.T. 0.018 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



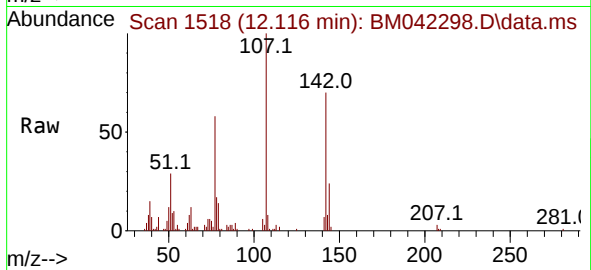
Tgt Ion:113 Resp: 21153
Ion Ratio Lower Upper
113 100
55 201.6 162.1 243.1
56 146.7 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 4.093 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

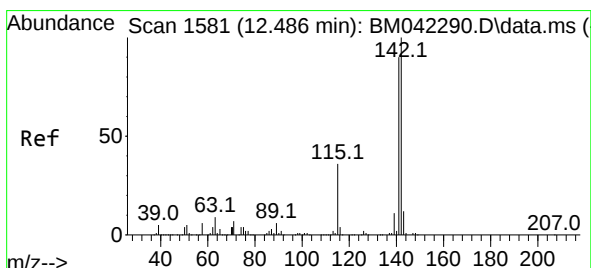
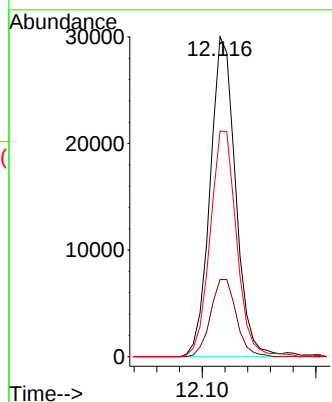
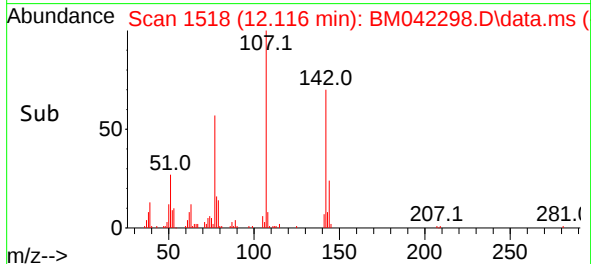
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:107 Resp: 46763
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 70.5 60.6 91.0

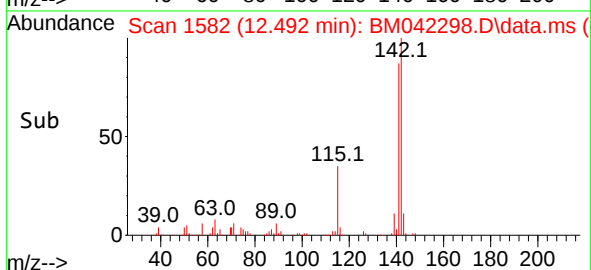
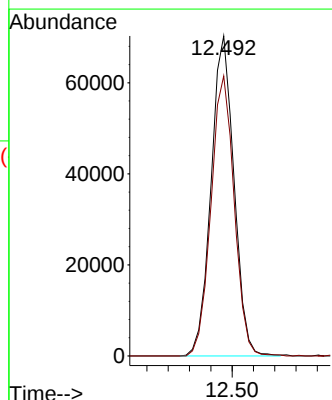
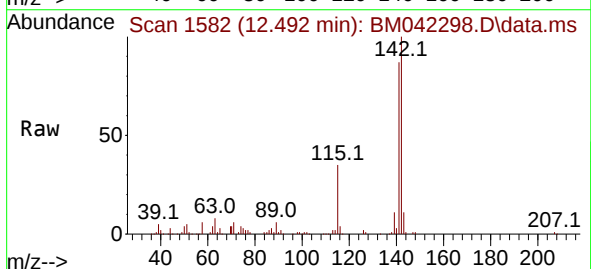
Manual Integrations
APPROVED

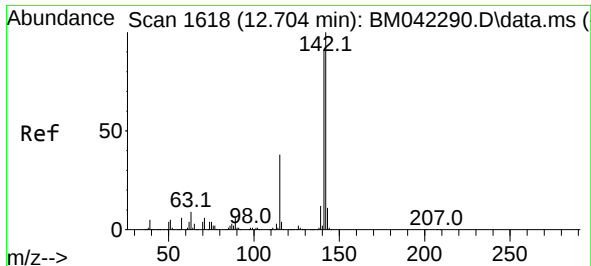
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.556 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:142 Resp: 104785
Ion Ratio Lower Upper
142 100
141 87.5 71.5 107.3





#37

1-Methylnaphthalene

Concen: 4.647 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042298.D

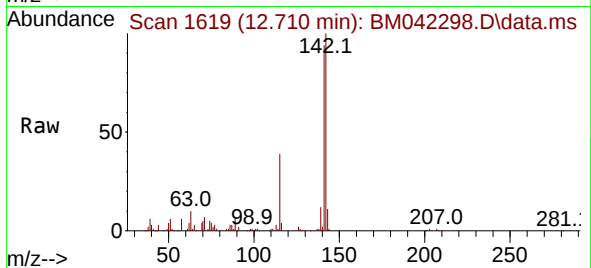
Acq: 16 Oct 2023 14:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2023-05



Tgt Ion:142 Resp: 108038

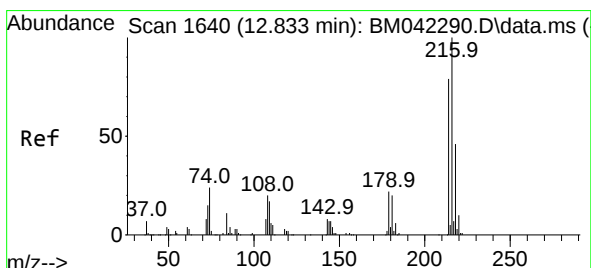
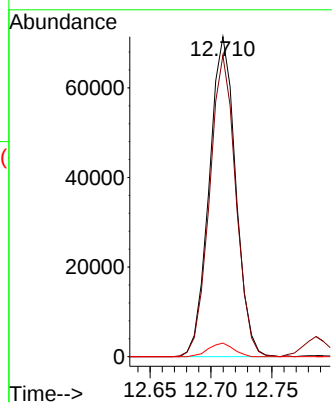
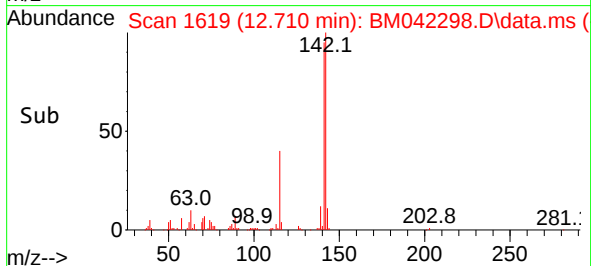
Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.6	111.8
116	4.2	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.518 ng/ul

RT: 12.839 min Scan# 1641

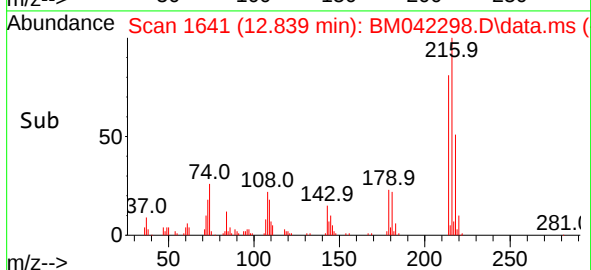
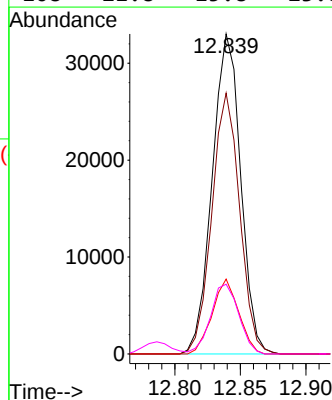
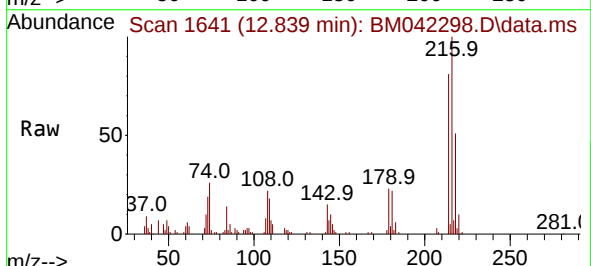
Delta R.T. 0.000 min

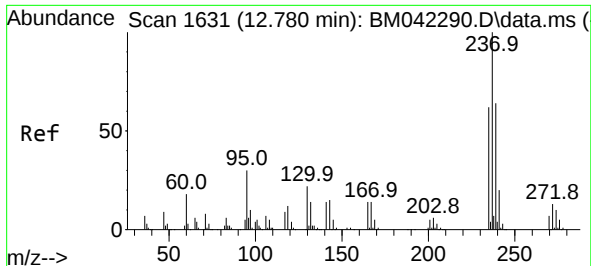
Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

Tgt Ion:216 Resp: 49772

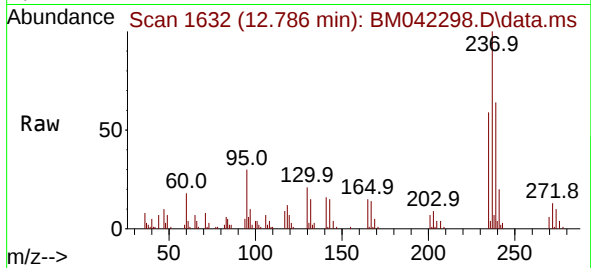
Ion	Ratio	Lower	Upper
216	100		
214	81.5	60.6	90.8
179	23.4	16.9	25.3
108	21.8	15.8	23.8





#40
Hexachlorocyclopentadiene
Concen: 5.781 ng/ul
RT: 12.786 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

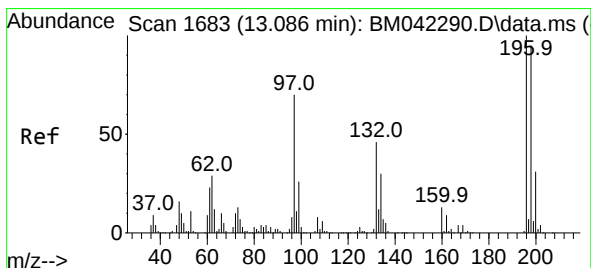
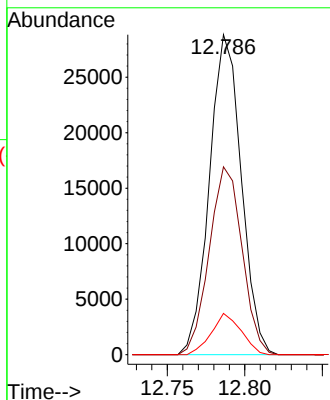
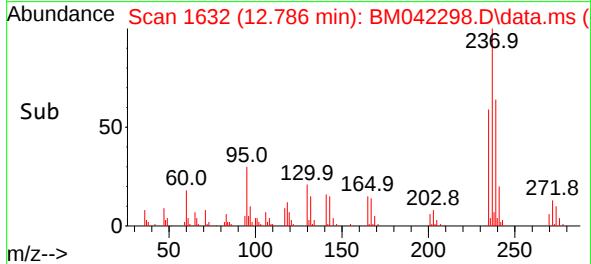
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



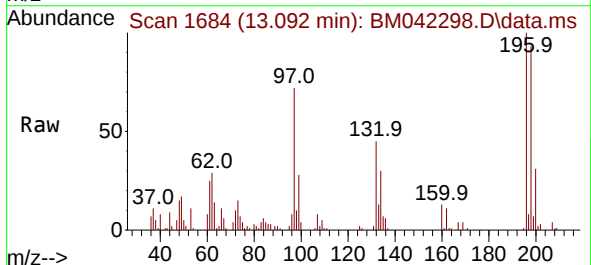
Tgt Ion:237 Resp: 4121
Ion Ratio Lower Upper
237 100
235 58.7 51.5 77.3
272 12.9 9.8 14.6

Manual Integrations
APPROVED

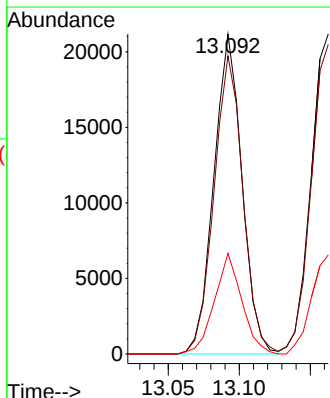
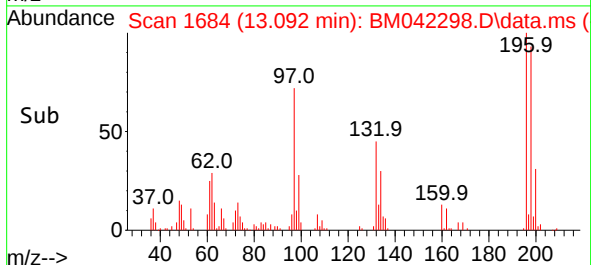
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

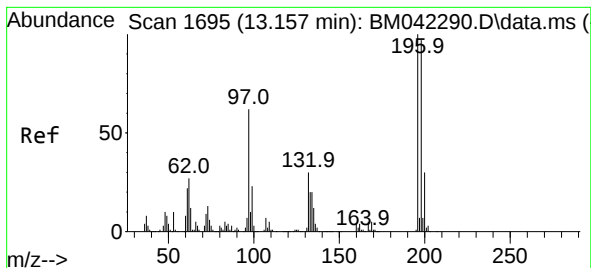


#41
2,4,6-Trichlorophenol
Concen: 3.968 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



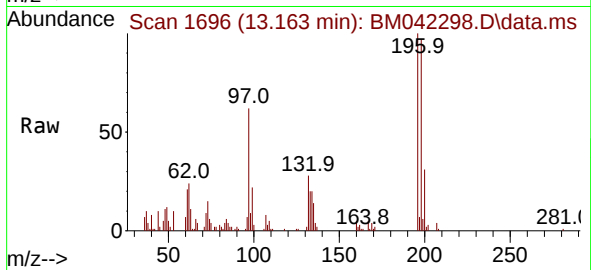
Tgt Ion:196 Resp: 29223
Ion Ratio Lower Upper
196 100
198 93.2 79.5 119.3
200 31.4 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 4.037 ng/ul
RT: 13.163 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

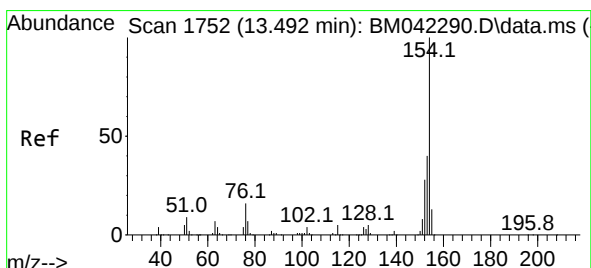
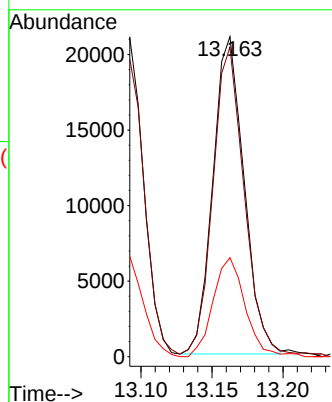
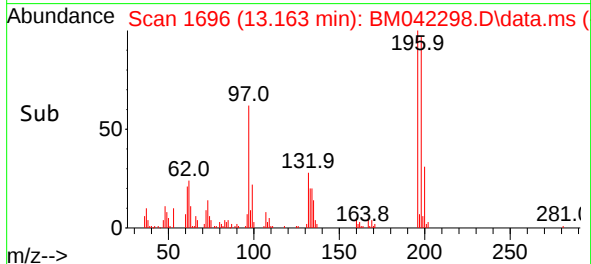
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



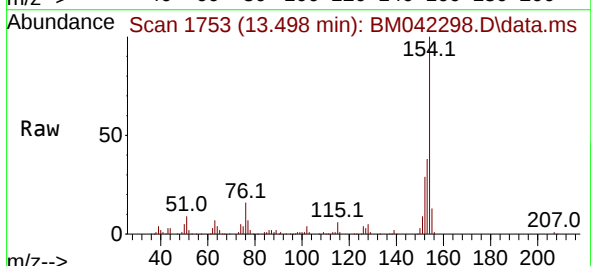
Tgt Ion:196 Resp: 31920
Ion Ratio Lower Upper
196 100
198 96.8 76.4 114.6
200 30.9 24.3 36.5

Manual Integrations
APPROVED

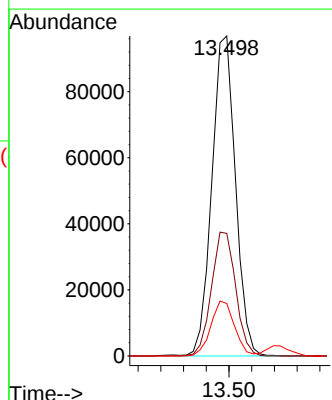
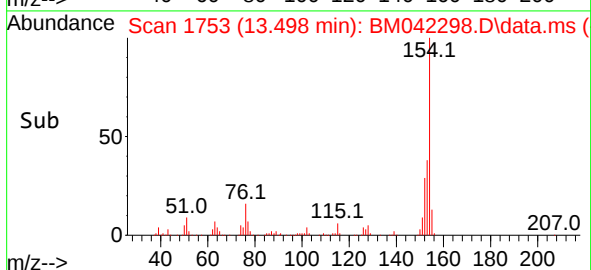
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

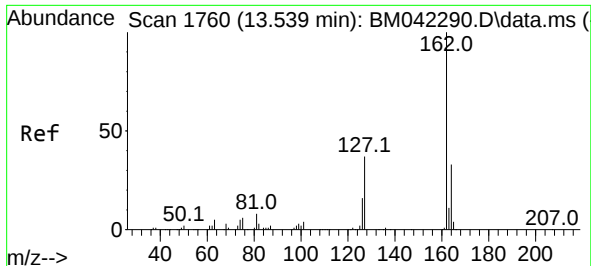


#43
1,1'-Biphenyl
Concen: 4.662 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



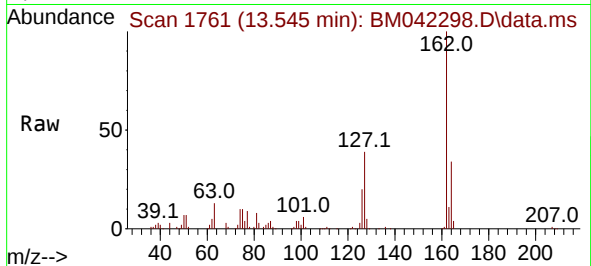
Tgt Ion:154 Resp: 139802
Ion Ratio Lower Upper
154 100
153 38.3 32.9 49.3
76 16.4 13.0 19.4





#44
2-Chloronaphthalene
Concen: 4.640 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

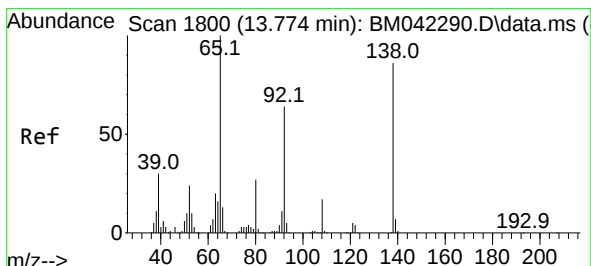
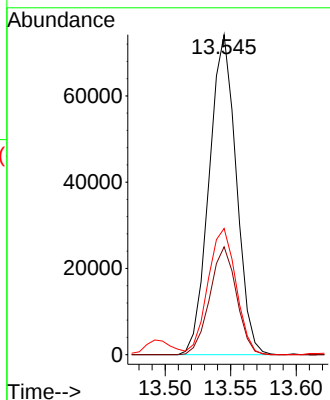
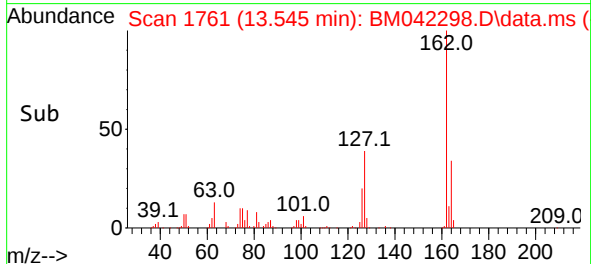
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:162 Resp: 106649
Ion Ratio Lower Upper
162 100
164 33.7 26.9 40.3
127 39.5 32.1 48.1

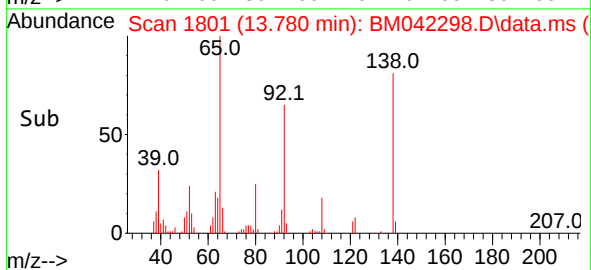
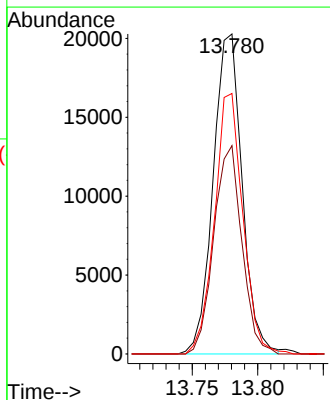
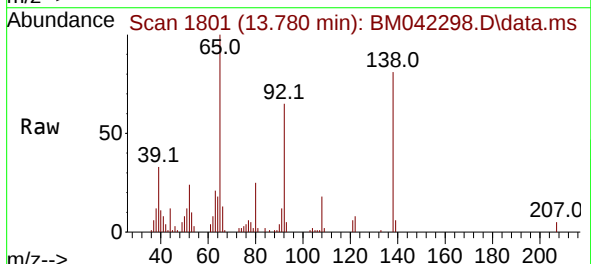
Manual Integrations
APPROVED

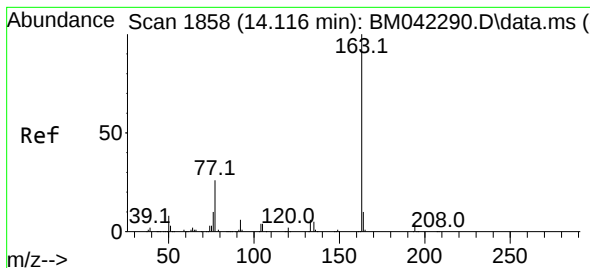
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45
2-Nitroaniline
Concen: 3.768 ng/ul
RT: 13.780 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion: 65 Resp: 31137
Ion Ratio Lower Upper
65 100
92 65.1 50.0 75.0
138 81.4 66.4 99.6





#47

Dimethylphthalate

Concen: 4.586 ng/ul

RT: 14.116 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2023-05

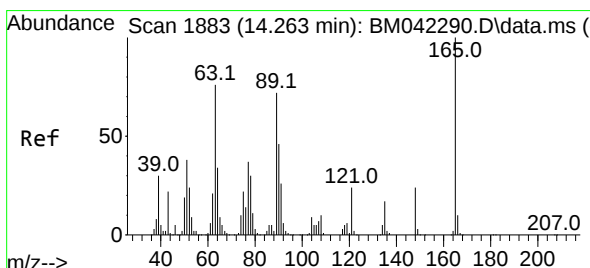
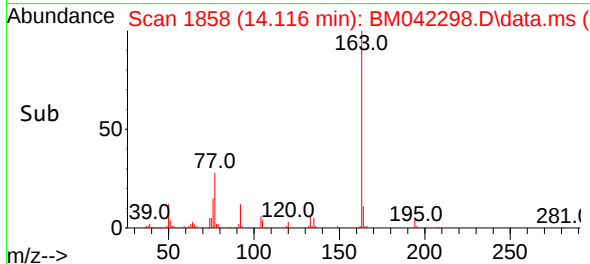
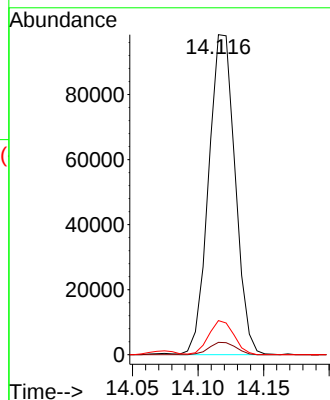
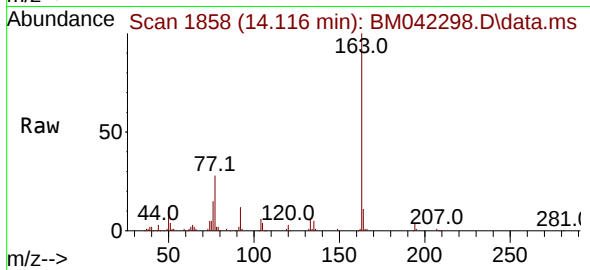
Tgt Ion:163 Resp: 13841
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.4
 164 10.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2,6-Dinitrotoluene

Concen: 3.595 ng/ul

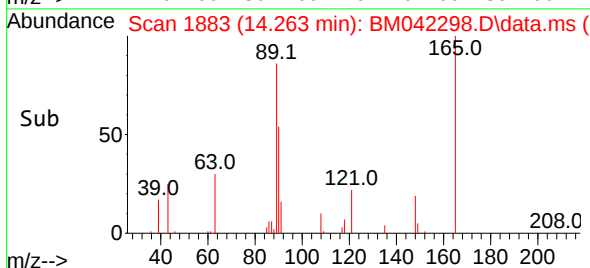
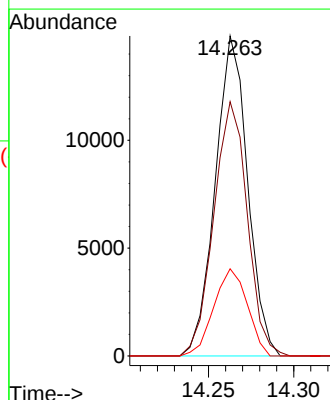
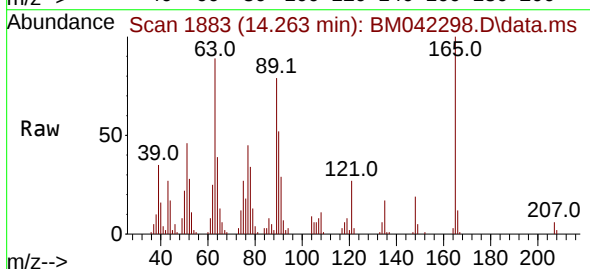
RT: 14.263 min Scan# 1883

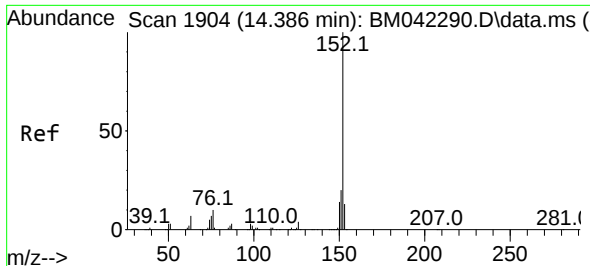
Delta R.T. 0.000 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

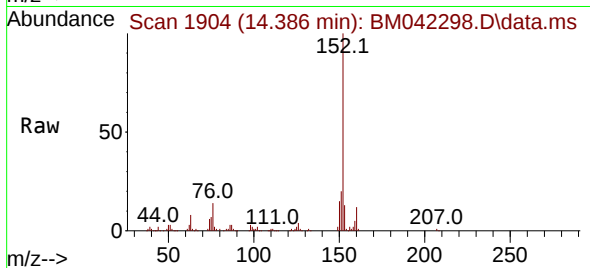
Tgt Ion:165 Resp: 19638
 Ion Ratio Lower Upper
 165 100
 89 79.4 60.3 90.5
 121 27.3 20.2 30.4





#50
Acenaphthylene
Concen: 4.724 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

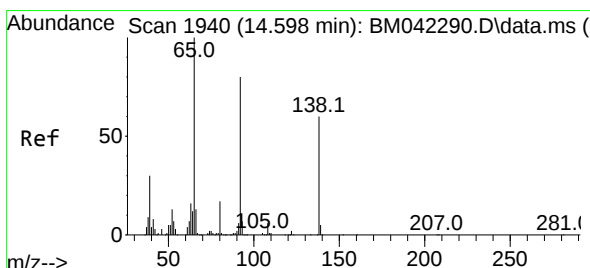
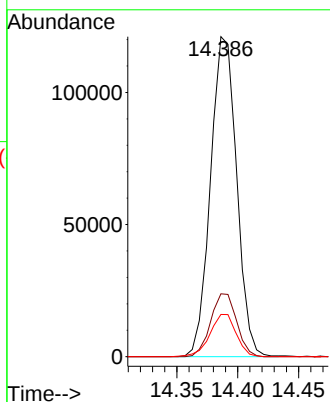
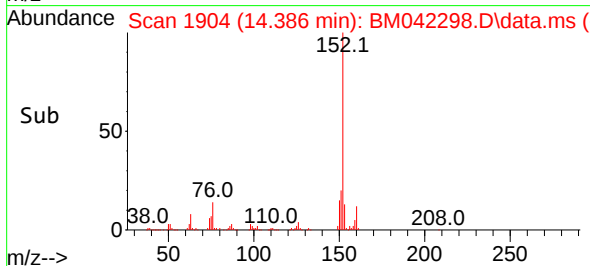
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



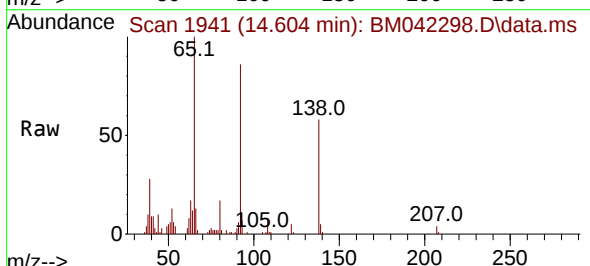
Tgt Ion:152 Resp: 181099
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.3 15.5

Manual Integrations
APPROVED

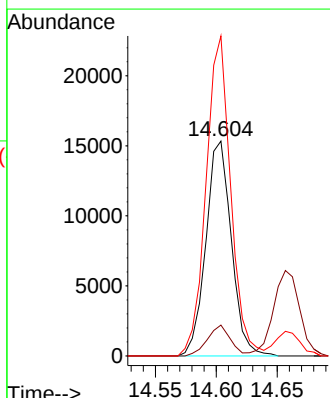
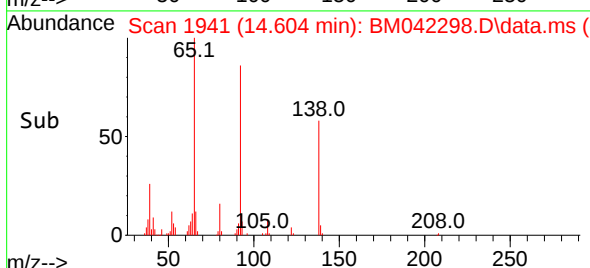
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

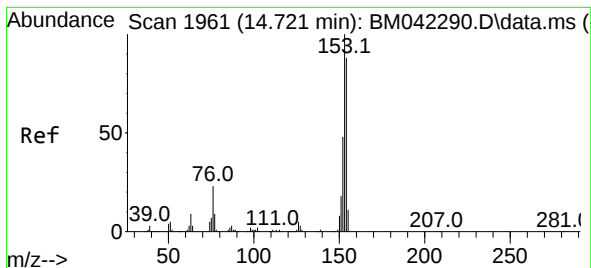


#51
3-Nitroaniline
Concen: 3.478 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



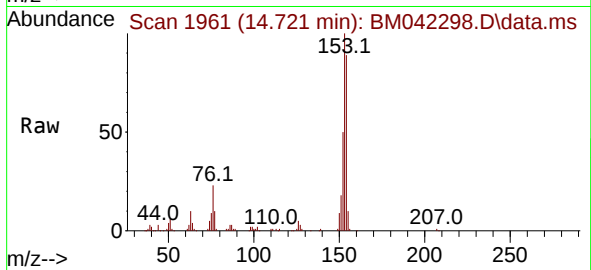
Tgt Ion:138 Resp: 22394
Ion Ratio Lower Upper
138 100
108 14.4 8.5 12.7#
92 149.0 103.8 155.6





#52
Acenaphthene
Concen: 4.645 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

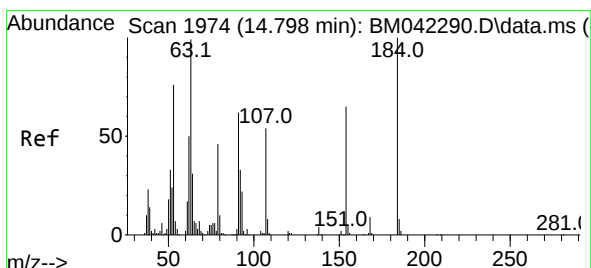
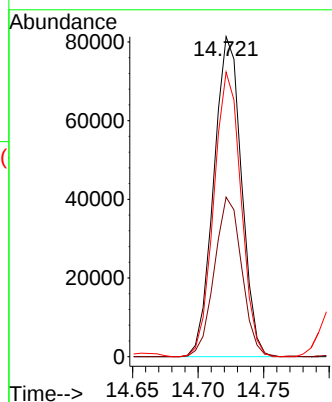
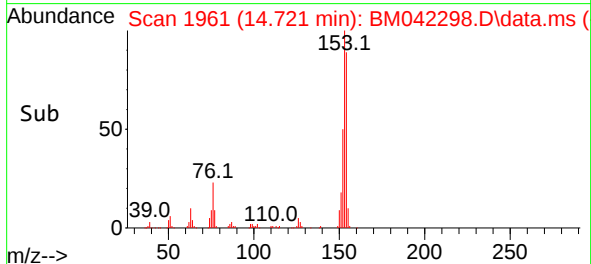
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



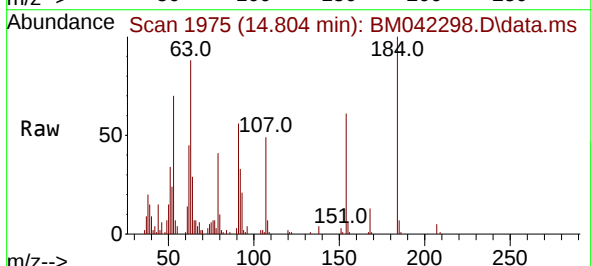
Tgt Ion:153 Resp: 11962
Ion Ratio Lower Upper
153 100
152 49.9 39.0 58.4
154 89.0 70.4 105.6

Manual Integrations
APPROVED

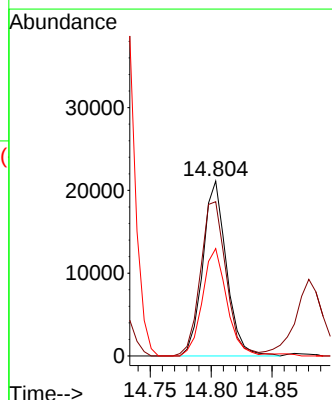
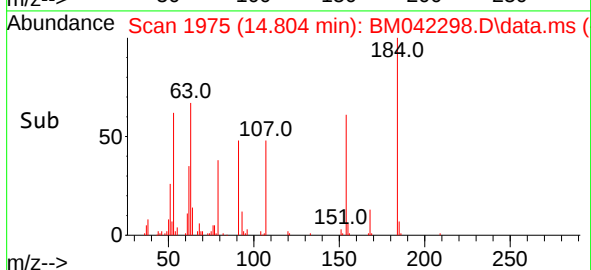
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

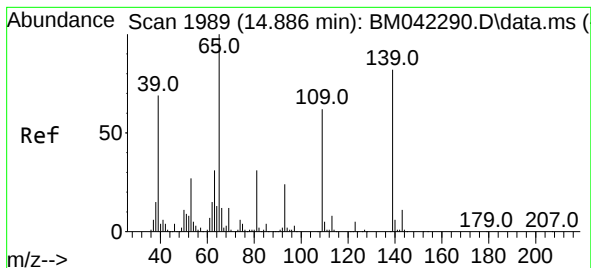


#53
2,4-Dinitrophenol
Concen: 7.723 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



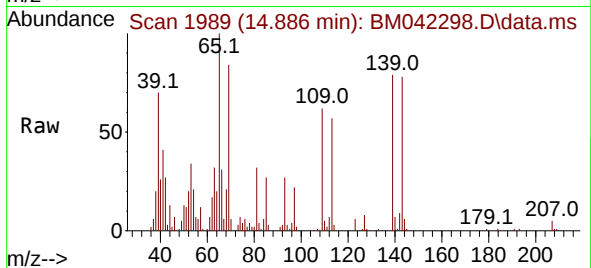
Tgt Ion:184 Resp: 28559
Ion Ratio Lower Upper
184 100
63 88.2 70.6 106.0
154 61.3 50.1 75.1





#55
4-Nitrophenol
Concen: 4.370 ng/ul
RT: 14.886 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

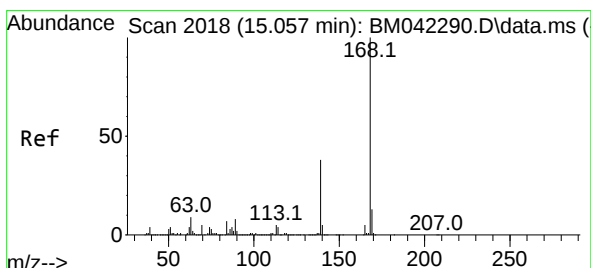
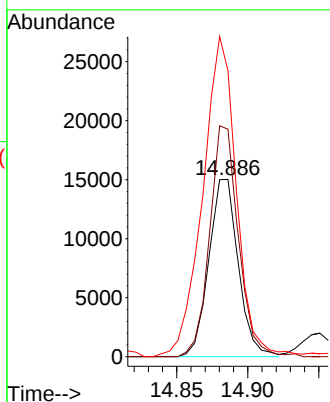
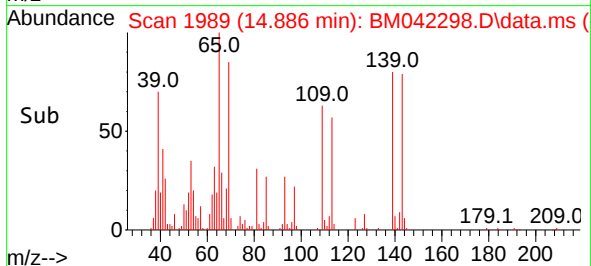
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 2162
Ion Ratio Lower Upper
109 100
139 128.4 102.5 153.7
65 161.5 126.6 189.8

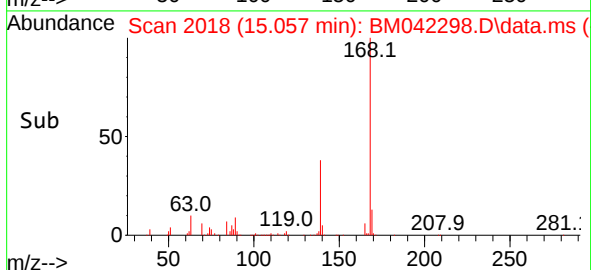
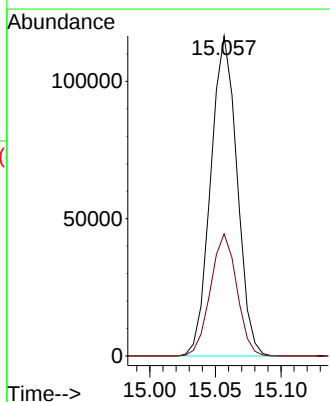
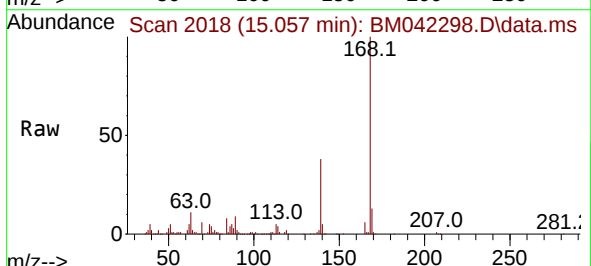
Manual Integrations
APPROVED

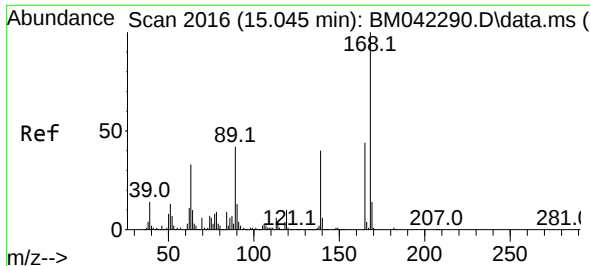
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.705 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

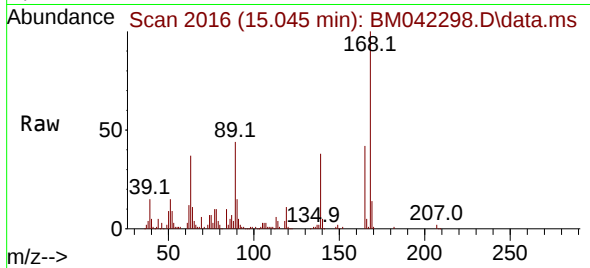
Tgt Ion:168 Resp: 162747
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.857 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

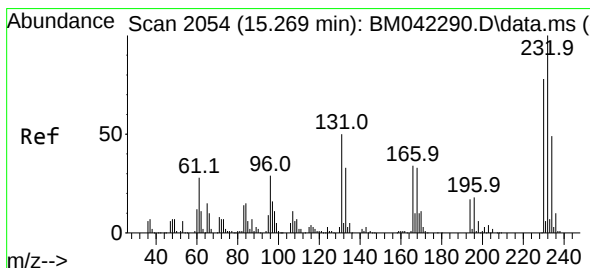
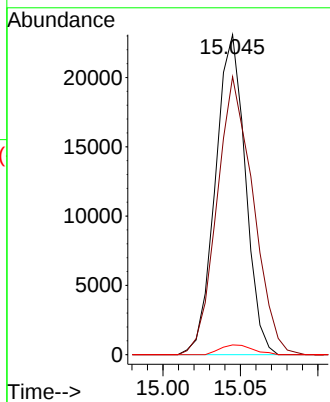
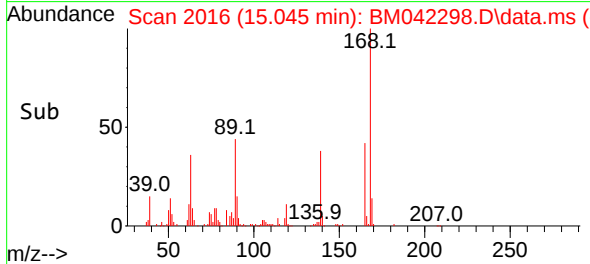
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:165 Resp: 31070
Ion Ratio Lower Upper
165 100
63 86.8 57.5 86.3
182 3.1 2.0 3.0

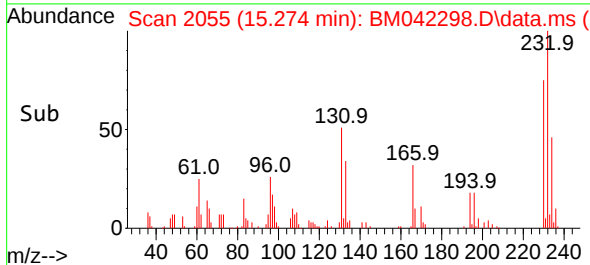
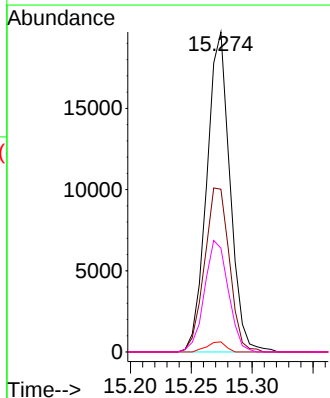
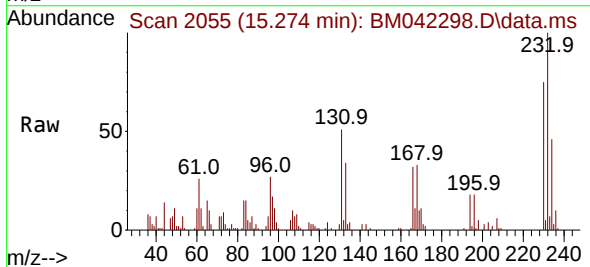
Manual Integrations
APPROVED

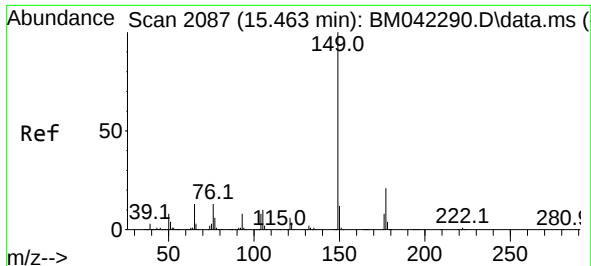
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.936 ng/ul
RT: 15.274 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

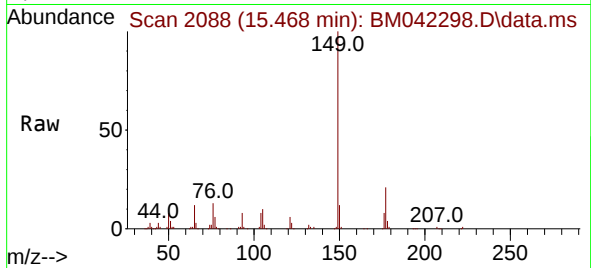
Tgt Ion:232 Resp: 26118
Ion Ratio Lower Upper
232 100
131 50.8 38.2 57.4
130 3.2 2.2 3.4
166 32.4 26.4 39.6





#59
Diethylphthalate
Concen: 4.421 ng/ul
RT: 15.468 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

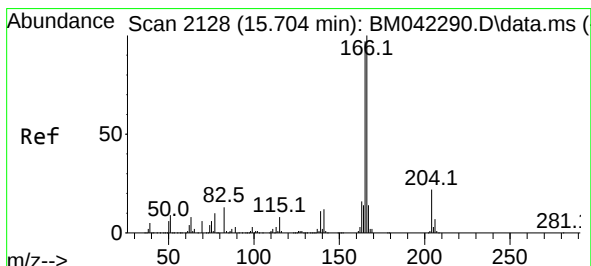
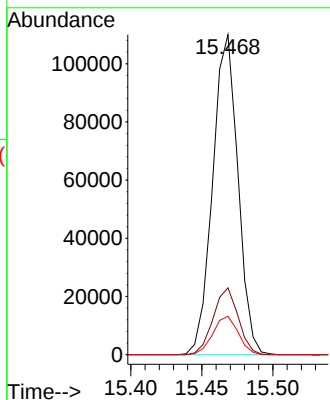
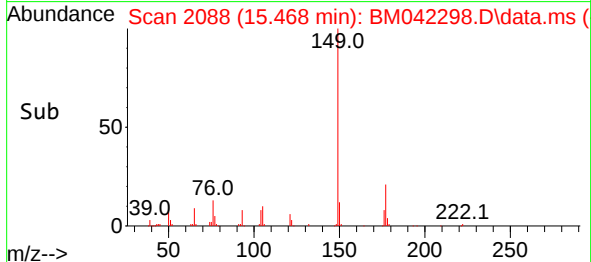
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:149 Resp: 13617
Ion Ratio Lower Upper
149 100
177 20.9 16.6 25.0
150 12.0 9.7 14.5

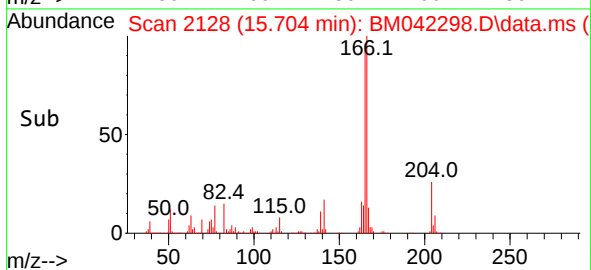
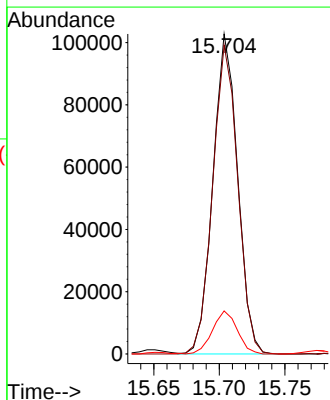
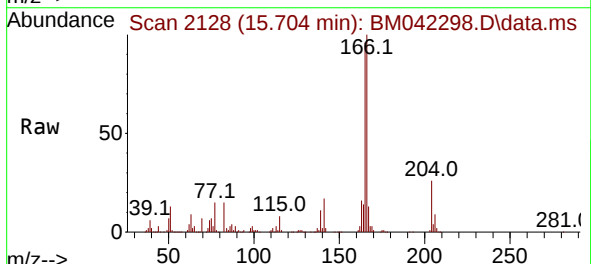
Manual Integrations
APPROVED

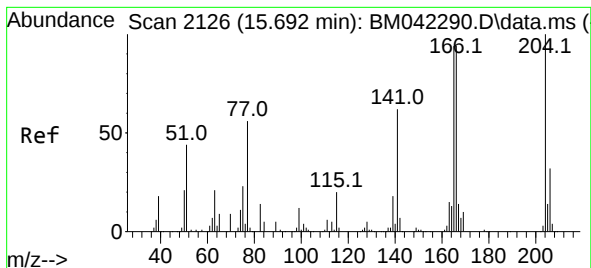
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 4.692 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

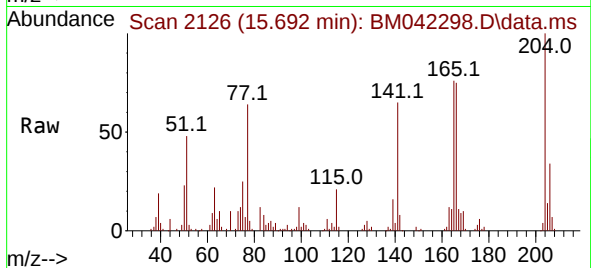
Tgt Ion:166 Resp: 134628
Ion Ratio Lower Upper
166 100
165 96.5 78.7 118.1
167 13.5 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.546 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

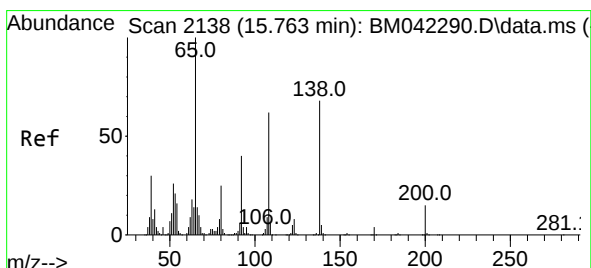
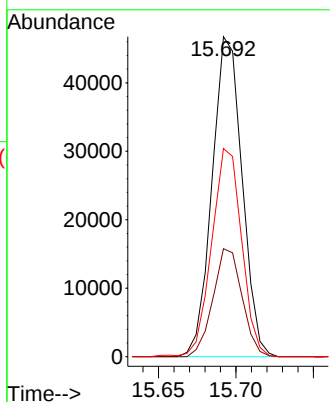
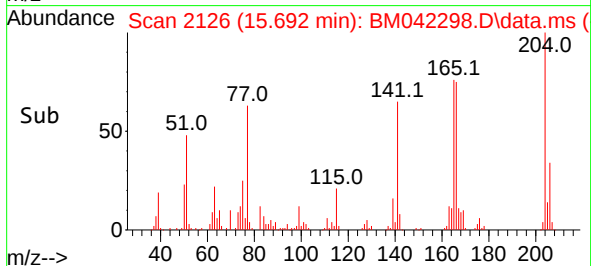
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:204 Resp: 6297
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 65.1 48.5 72.7

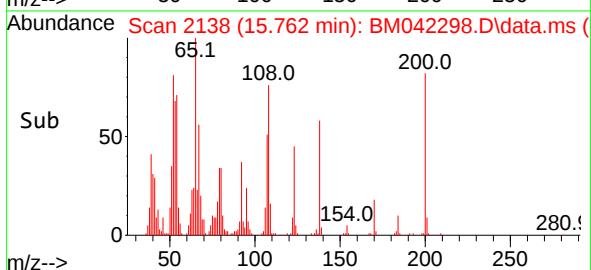
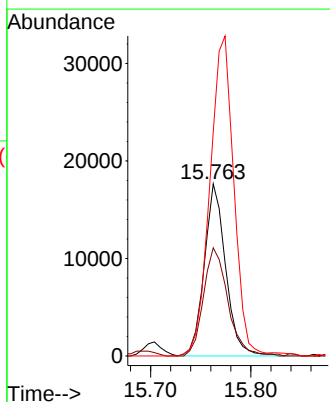
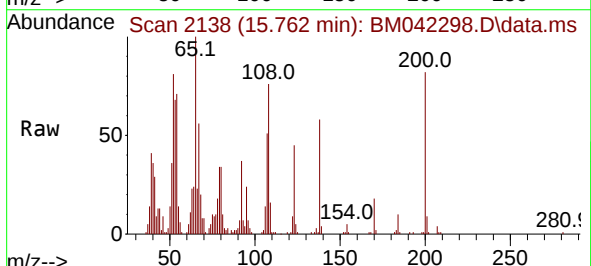
Manual Integrations
APPROVED

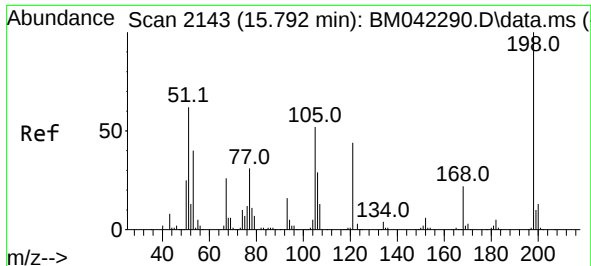
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 4.542 ng/ul
RT: 15.762 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:138 Resp: 26159
Ion Ratio Lower Upper
138 100
92 62.8 49.5 74.3
108 130.2 72.5 108.7#





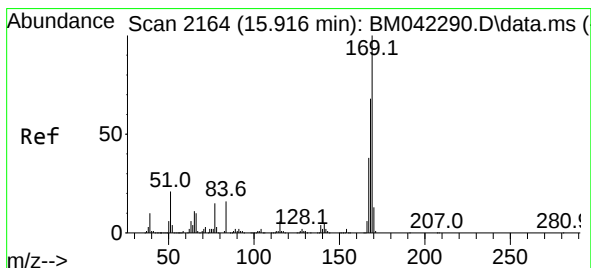
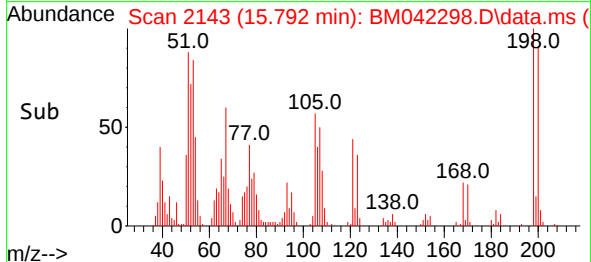
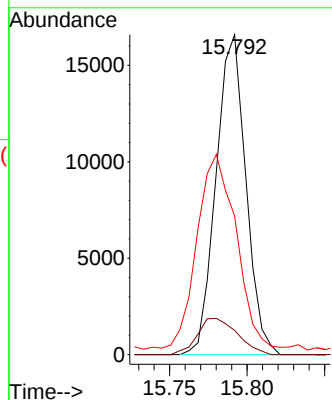
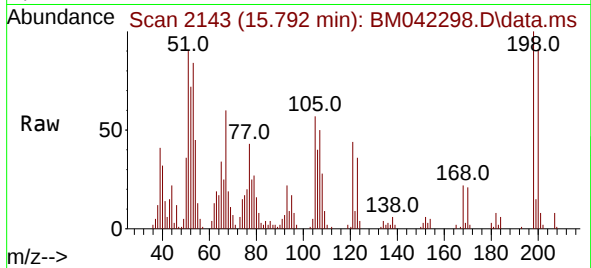
#66
4,6-Dinitro-2-methylphenol
Concen: 4.093 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:198 Resp: 2220
Ion Ratio Lower Upper
198 100
182 7.6 4.2 6.2
77 43.4 27.4 41.0

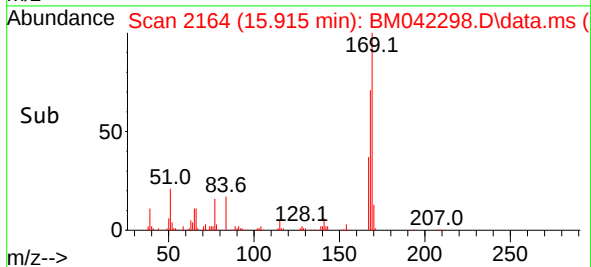
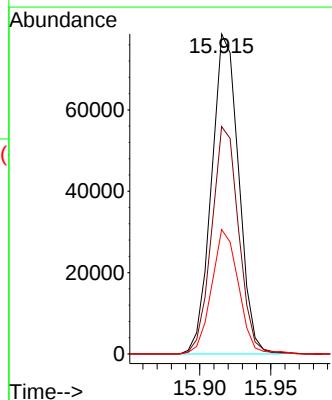
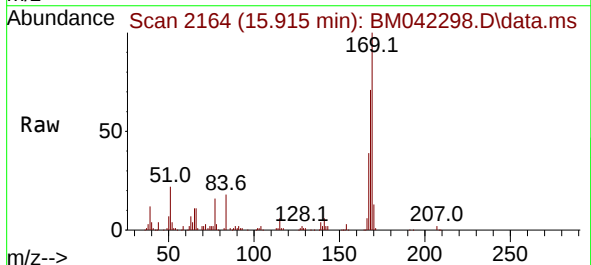
Manual Integrations
APPROVED

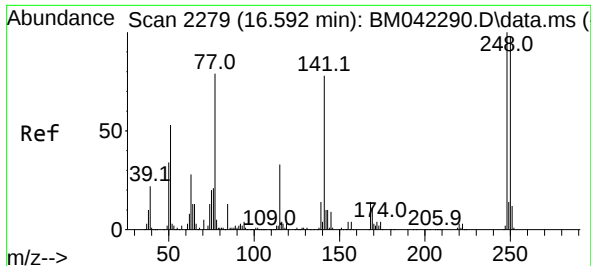
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.435 ng/ul
RT: 15.915 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

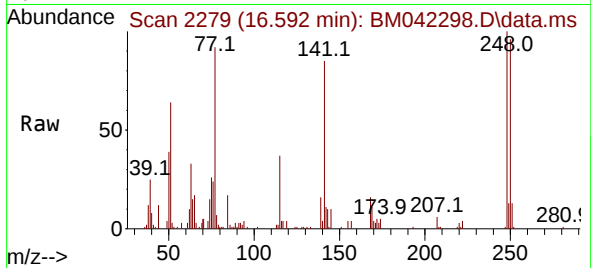
Tgt Ion:169 Resp: 104489
Ion Ratio Lower Upper
169 100
168 71.0 55.8 83.8
167 38.9 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.133 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

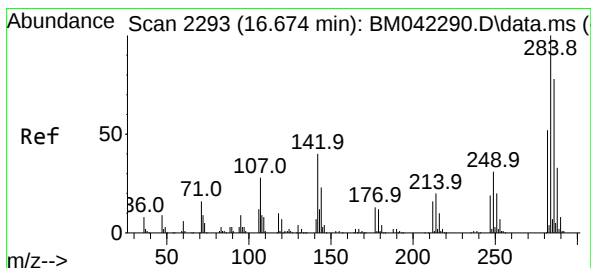
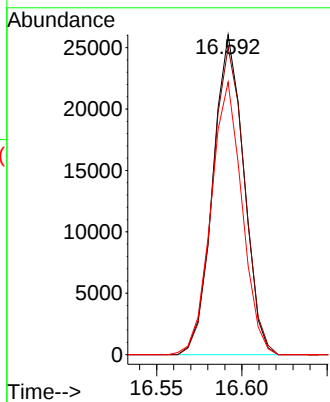
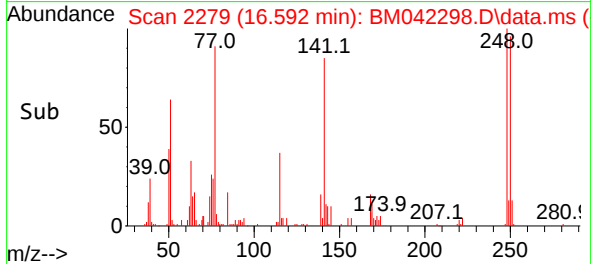
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



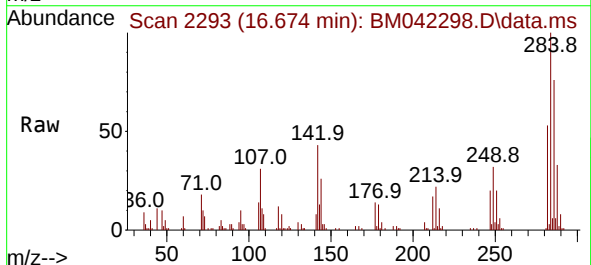
Tgt Ion:248 Resp: 3291
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.0
141 85.2 66.5 99.7

Manual Integrations
APPROVED

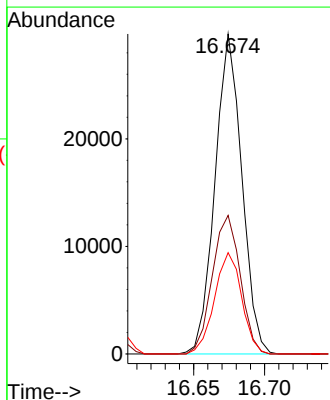
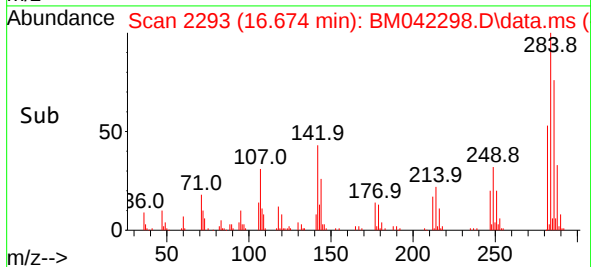
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

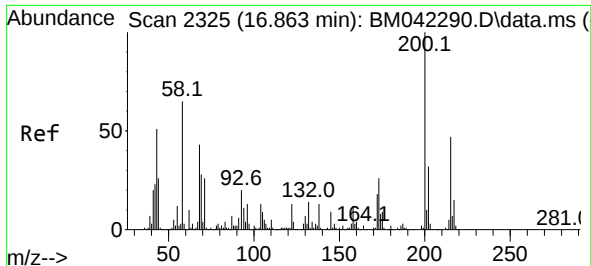


#69
Hexachlorobenzene
Concen: 4.313 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



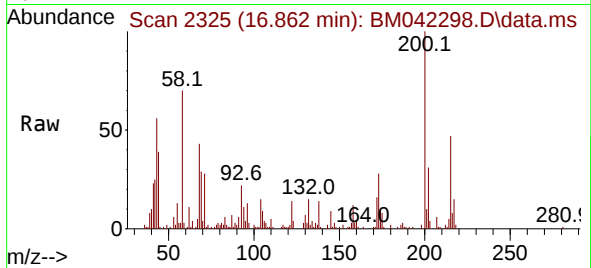
Tgt Ion:284 Resp: 39061
Ion Ratio Lower Upper
284 100
142 43.3 33.8 50.6
249 31.6 25.4 38.0





#70
Atrazine
Concen: 3.808 ng/ul
RT: 16.862 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

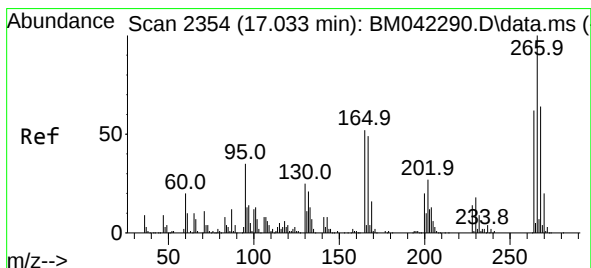
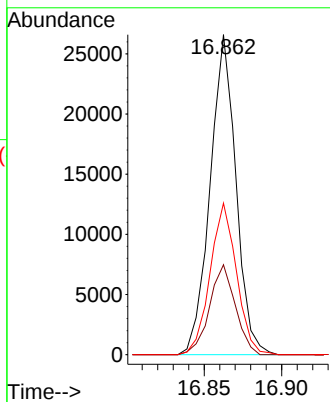
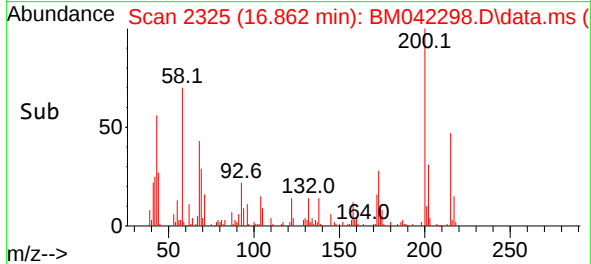
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



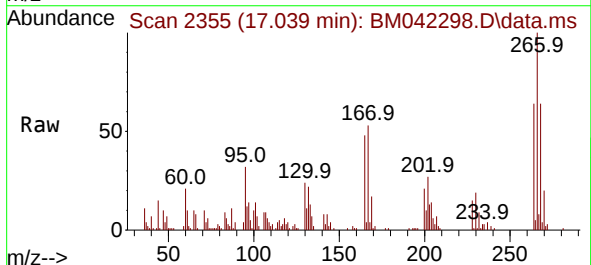
Tgt Ion:200 Resp: 3078
Ion Ratio Lower Upper
200 100
173 28.1 21.0 31.6
215 47.3 36.1 54.1

Manual Integrations
APPROVED

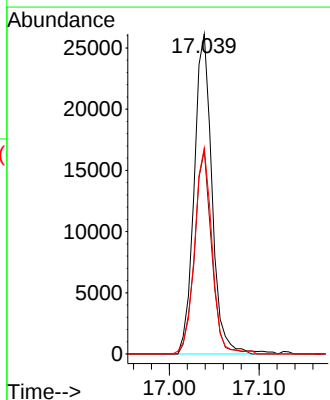
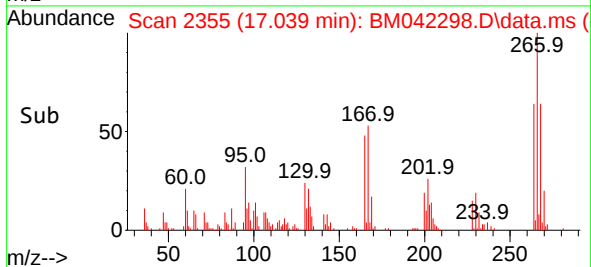
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

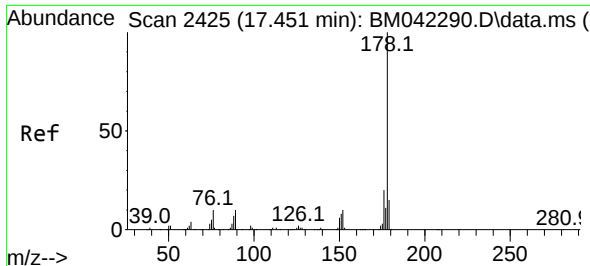


#71
Pentachlorophenol
Concen: 5.890 ng/ul
RT: 17.039 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



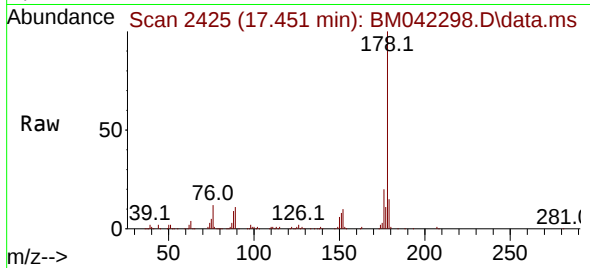
Tgt Ion:266 Resp: 36145
Ion Ratio Lower Upper
266 100
264 63.6 51.2 76.8
268 64.4 52.6 78.8





#72
Phenanthrene
Concen: 4.558 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

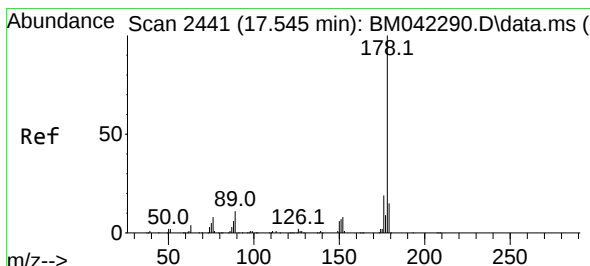
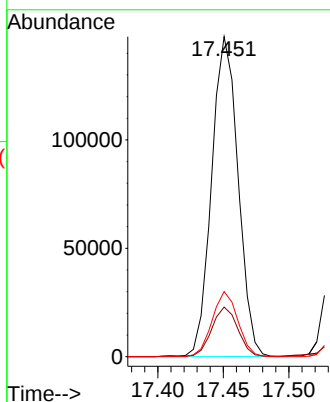
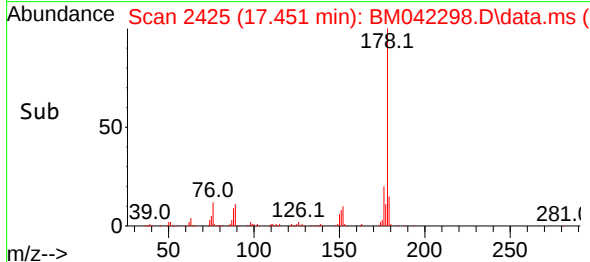
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:178 Resp: 207068
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 20.4 15.8 23.8

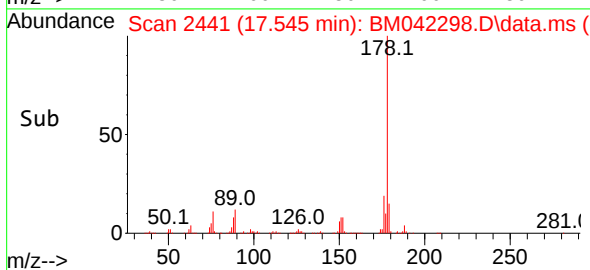
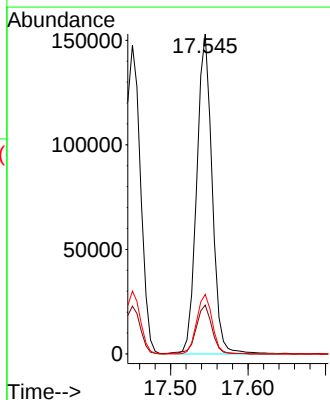
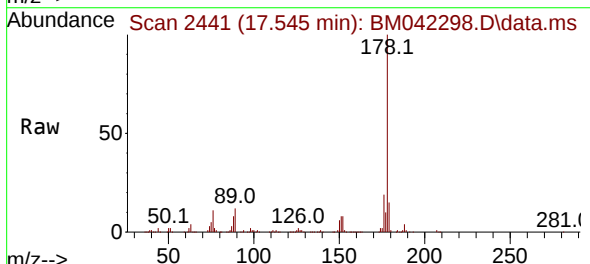
Manual Integrations
APPROVED

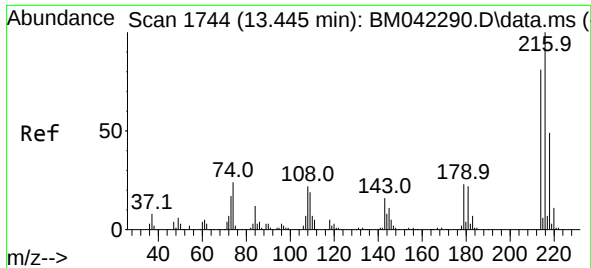
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.619 ng/ul
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

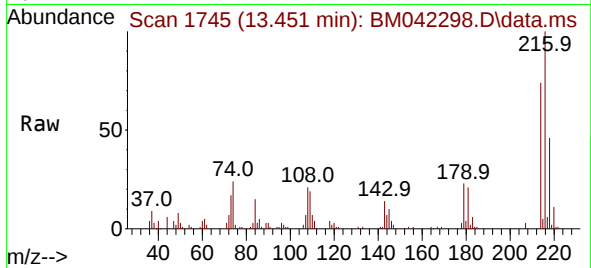
Tgt Ion:178 Resp: 211023
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 18.6 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.413 ng/uL
RT: 13.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

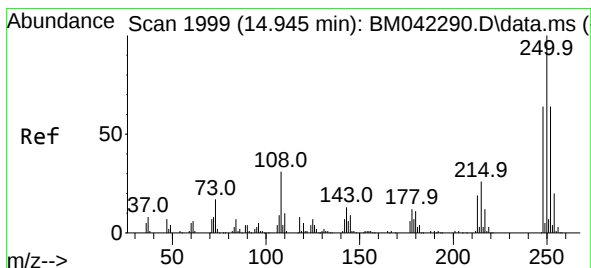
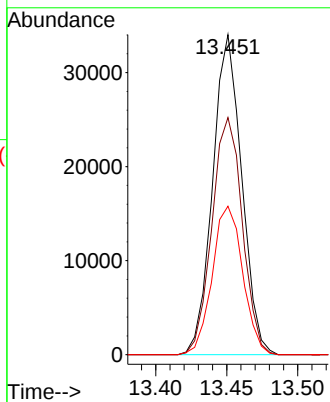
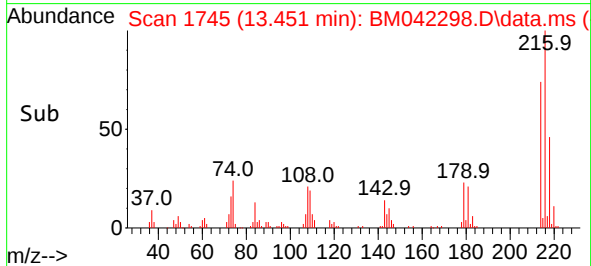
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



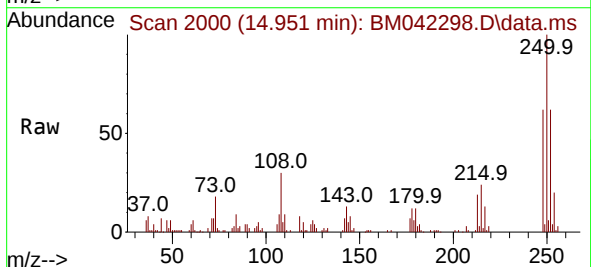
Tgt Ion:216 Resp: 48419
Ion Ratio Lower Upper
216 100
214 74.1 62.0 93.0
218 46.4 38.8 58.2

Manual Integrations
APPROVED

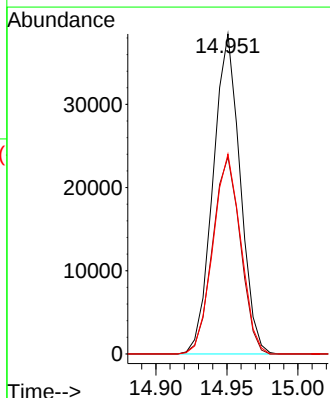
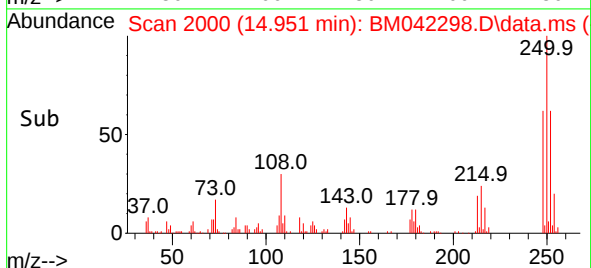
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

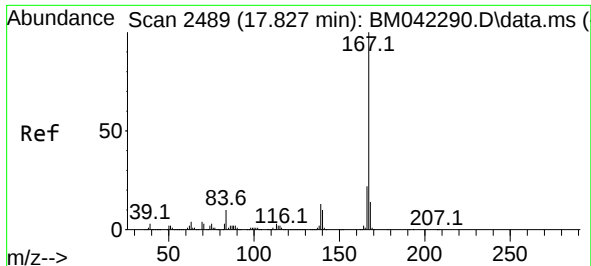


#76
Pentachlorobenzene
Concen: 4.739 ng/uL
RT: 14.951 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41



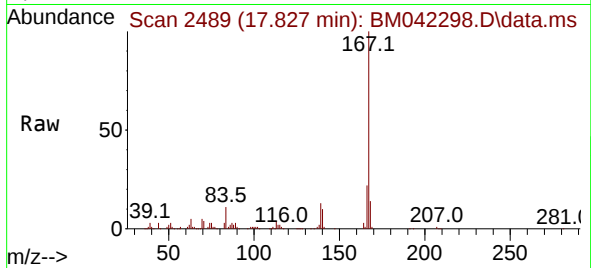
Tgt Ion:250 Resp: 51058
Ion Ratio Lower Upper
250 100
248 61.5 51.1 76.7
252 62.5 52.9 79.3





#77
 Carbazole
 Concen: 4.283 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BM042298.D
 Acq: 16 Oct 2023 14:41

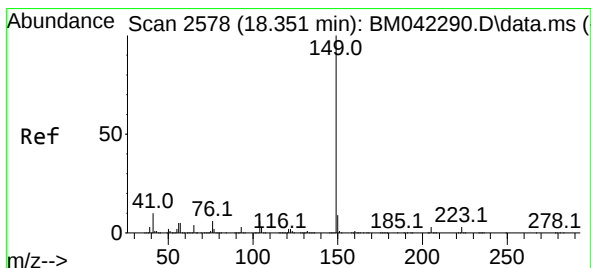
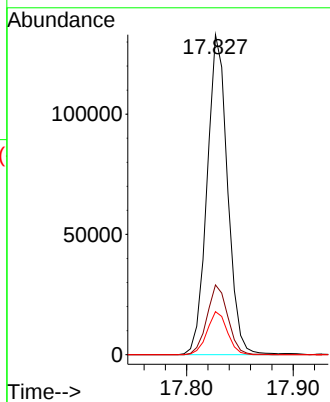
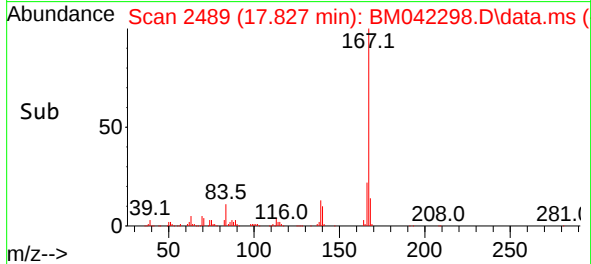
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2023-05



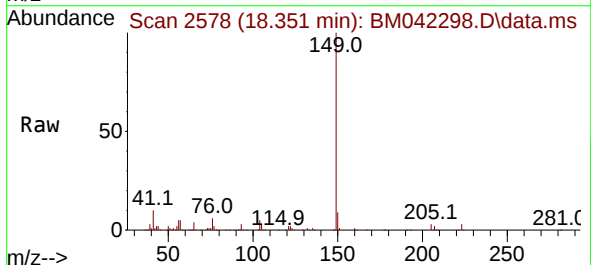
Tgt Ion:167 Resp: 178249
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 10.6 16.0

Manual Integrations
 APPROVED

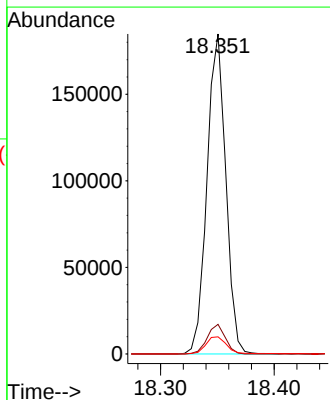
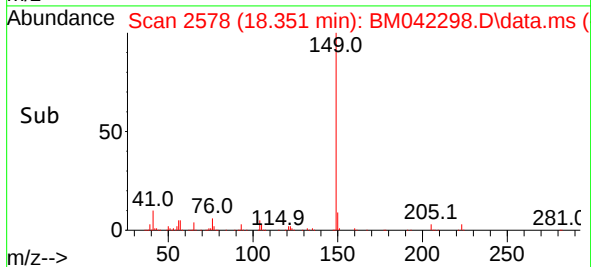
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

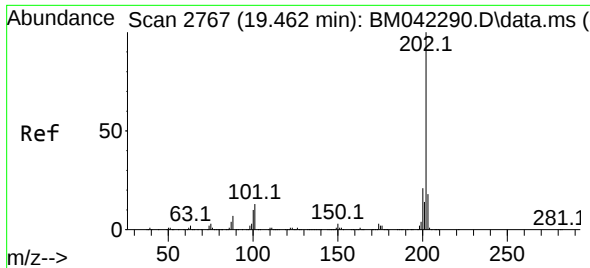


#78
 Di-n-butylphthalate
 Concen: 4.019 ng/ul
 RT: 18.351 min Scan# 2578
 Delta R.T. 0.000 min
 Lab File: BM042298.D
 Acq: 16 Oct 2023 14:41



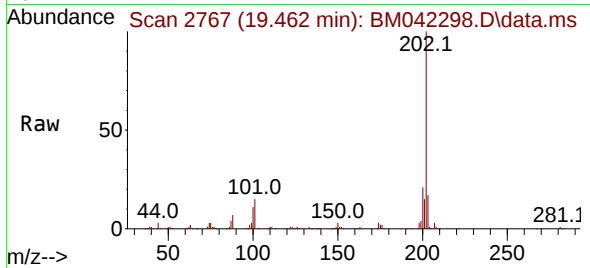
Tgt Ion:149 Resp: 211733
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.4 4.6 6.8





#80
Fluoranthene
Concen: 4.402 ng/u1
RT: 19.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

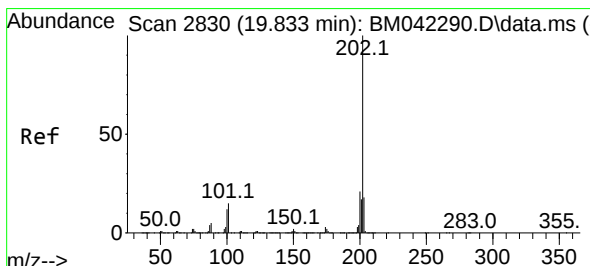
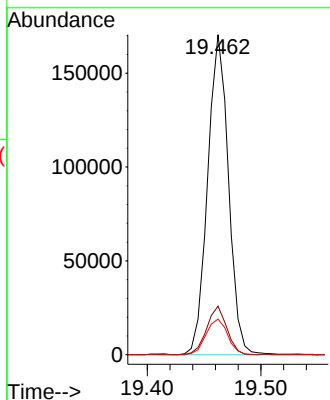
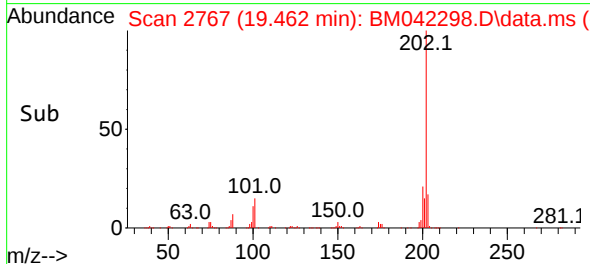
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:202 Resp: 21723
Ion Ratio Lower Upper
202 100
101 15.2 10.8 16.2
100 11.1 8.3 12.5

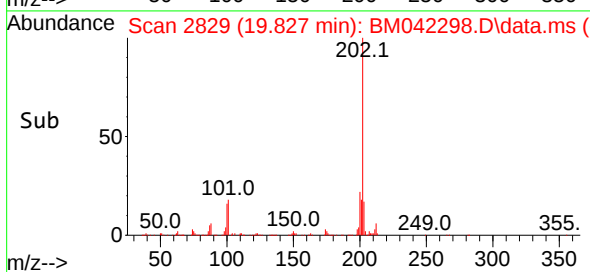
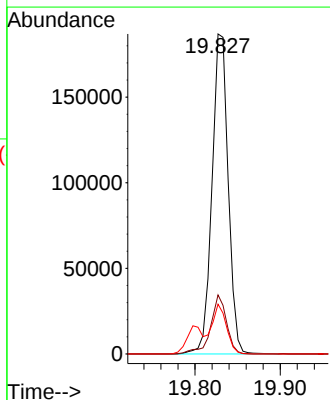
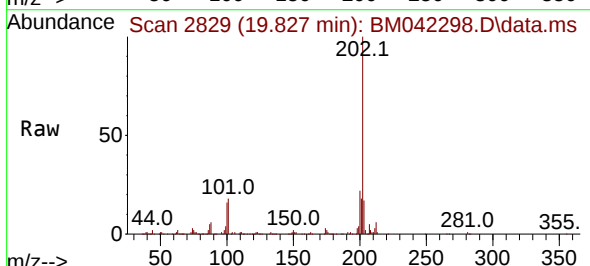
Manual Integrations
APPROVED

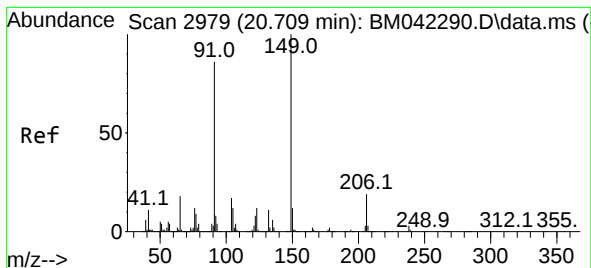
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.757 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:202 Resp: 246819
Ion Ratio Lower Upper
202 100
101 18.5 11.9 17.9#
100 15.6 9.9 14.9#





#83

Butylbenzylphthalate

Concen: 3.818 ng/ul

RT: 20.709 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BM042298.D

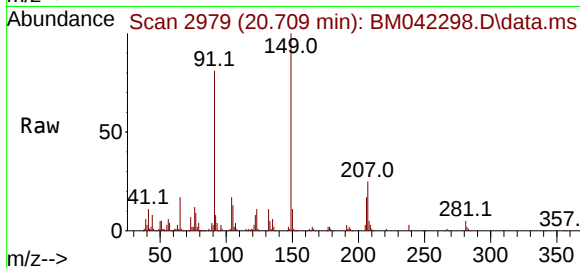
Acq: 16 Oct 2023 14:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2023-05



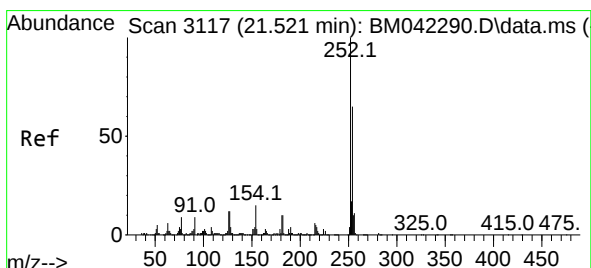
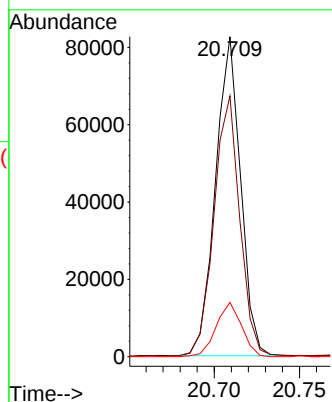
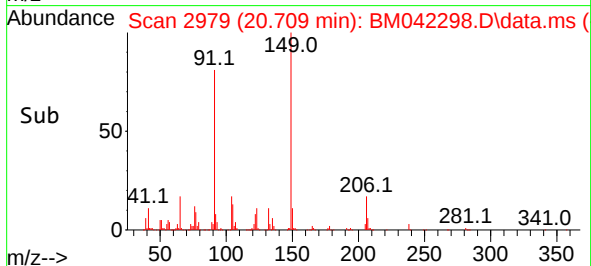
Tgt Ion:	149	Resp:	8444
Ion Ratio	Lower	Upper	
149	100		
91	81.5	67.1	100.7
206	16.9	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

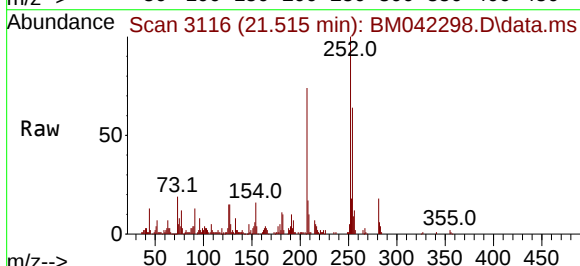
Concen: 3.826 ng/ul

RT: 21.515 min Scan# 3116

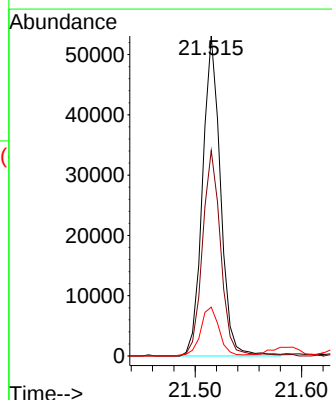
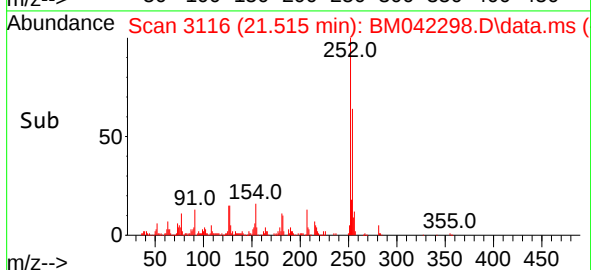
Delta R.T. -0.006 min

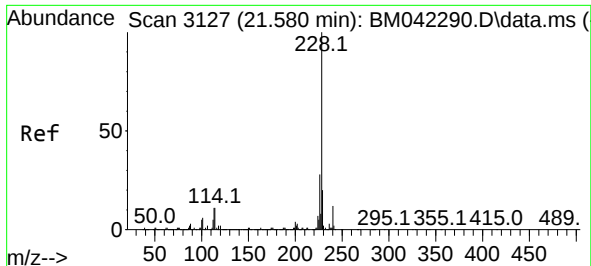
Lab File: BM042298.D

Acq: 16 Oct 2023 14:41



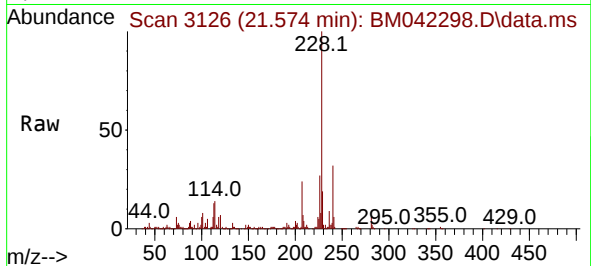
Tgt Ion:	252	Resp:	62492
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.5	78.7
126	15.2	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.321 ng/ul
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

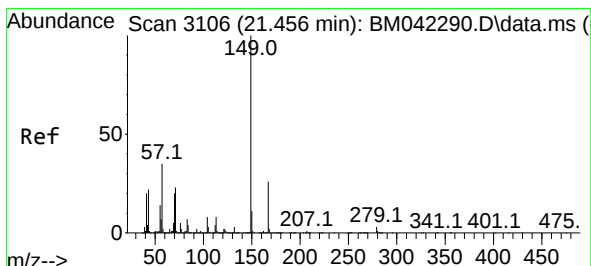
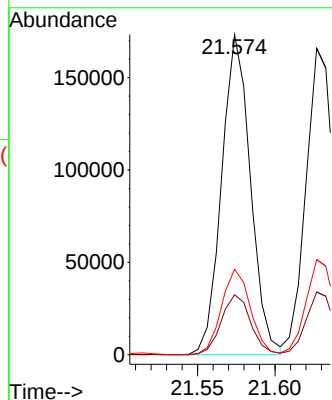
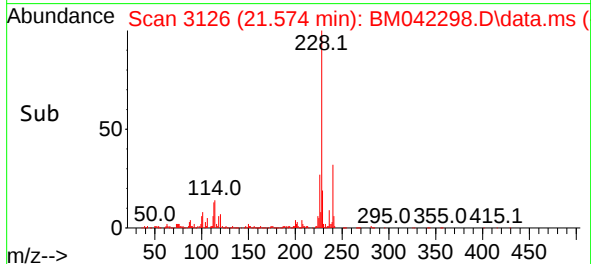
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:228 Resp: 224119
Ion Ratio Lower Upper
228 100
229 18.7 15.9 23.9
226 26.7 22.2 33.4

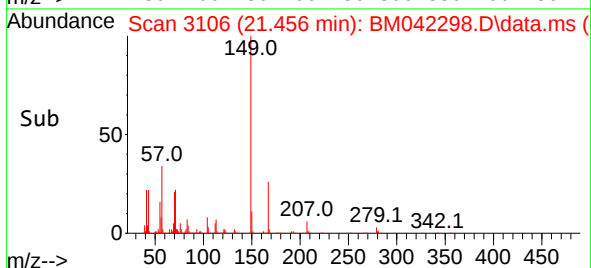
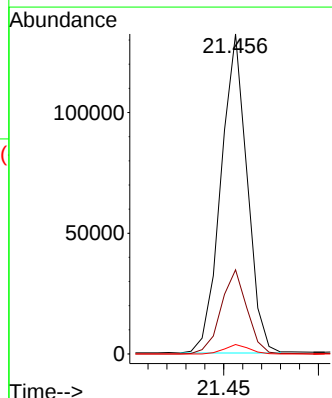
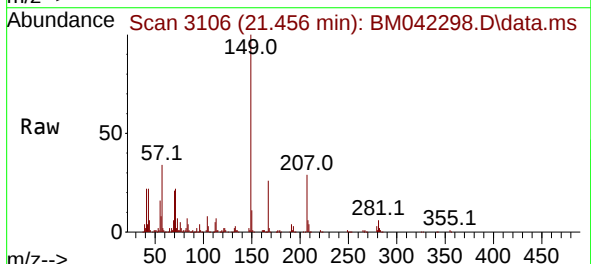
Manual Integrations
APPROVED

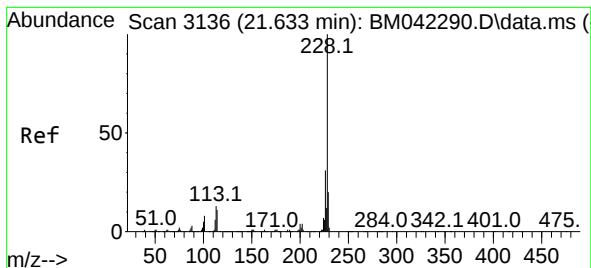
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.891 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:149 Resp: 127132
Ion Ratio Lower Upper
149 100
167 26.3 21.1 31.7
279 2.9 2.4 3.6





#87

Chrysene

Concen: 4.426 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 211090

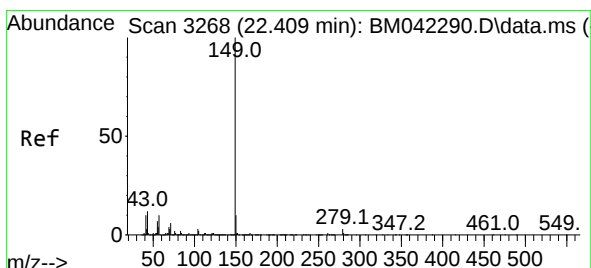
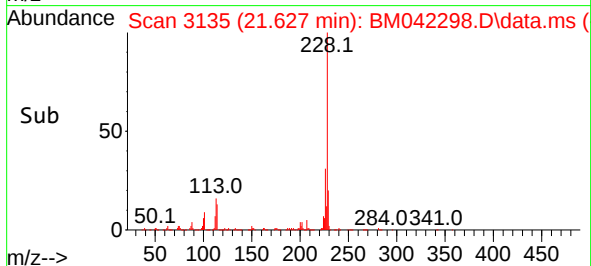
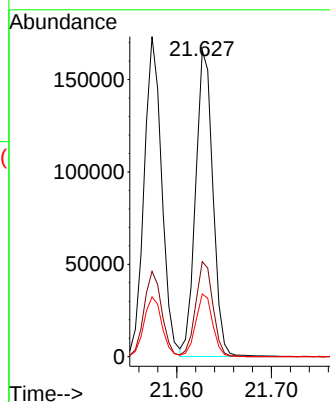
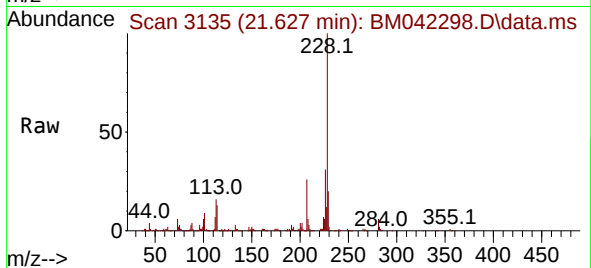
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.639 ng/ul

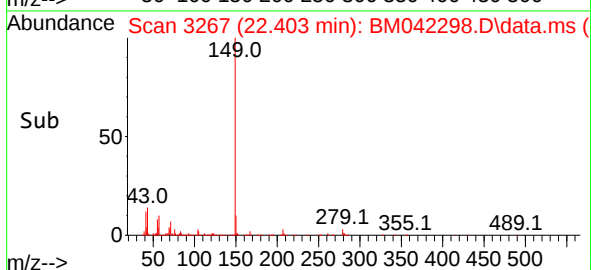
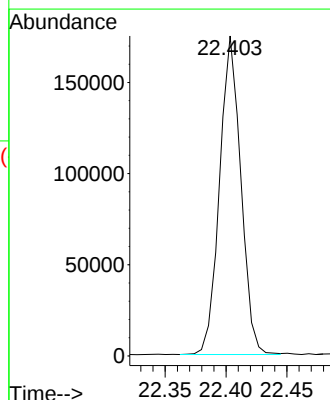
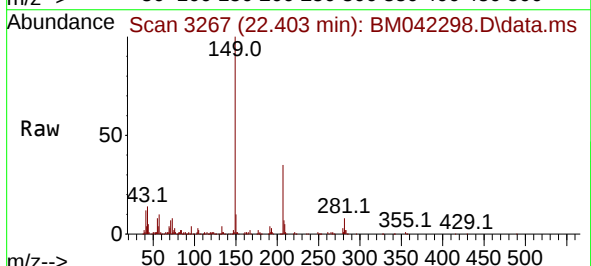
RT: 22.403 min Scan# 3267

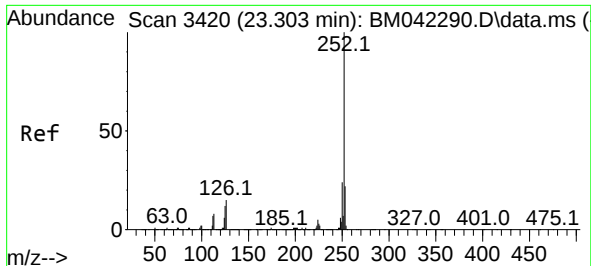
Delta R.T. -0.006 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

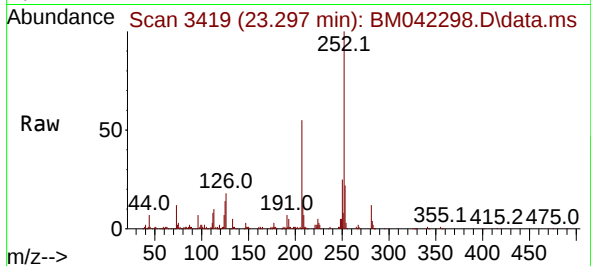
Tgt Ion:149 Resp: 212421





#90
Benzo(b)fluoranthene
Concen: 4.327 ng/ul
RT: 23.297 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

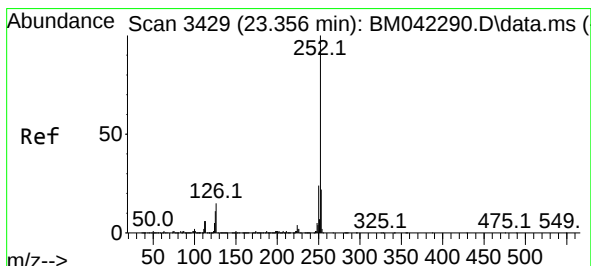
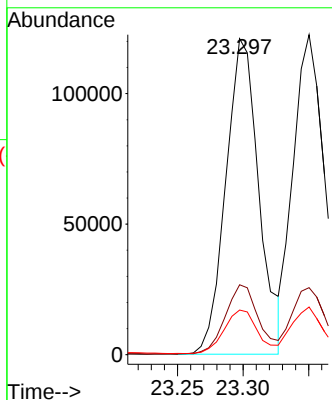
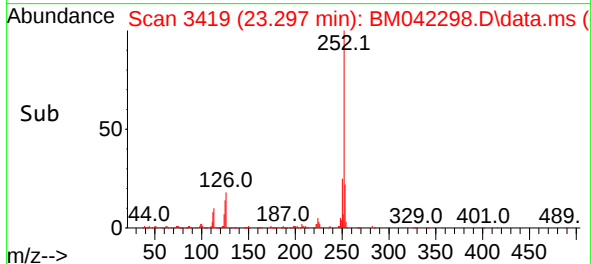
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:252 Resp: 21247
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 14.1 9.4 14.2

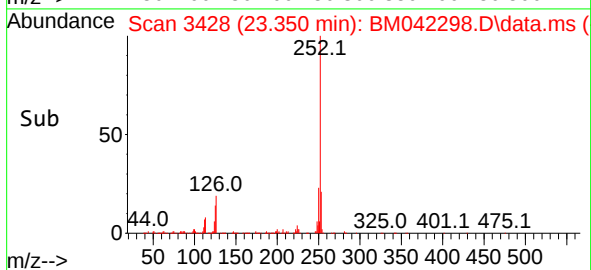
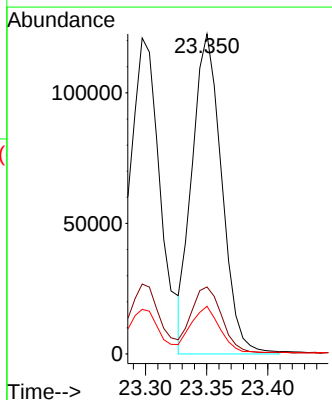
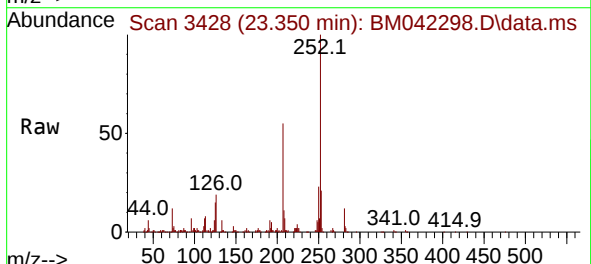
Manual Integrations
APPROVED

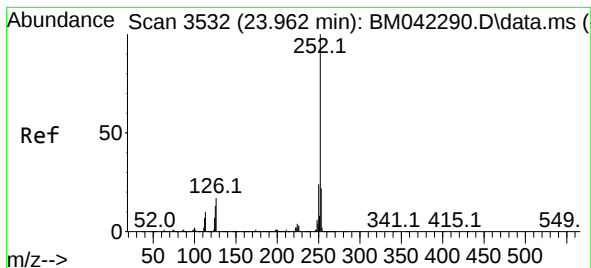
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.251 ng/ul m
RT: 23.350 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:252 Resp: 206459
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 14.9 9.8 14.6#





#93

Benzo(a)pyrene

Concen: 4.287 ng/ul

RT: 23.956 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2023-05

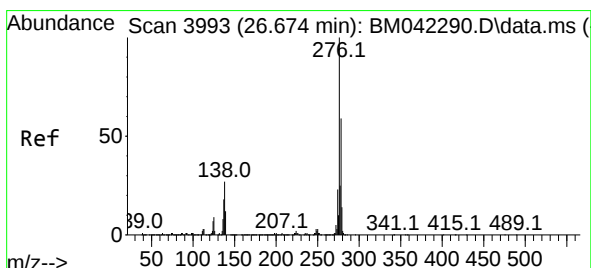
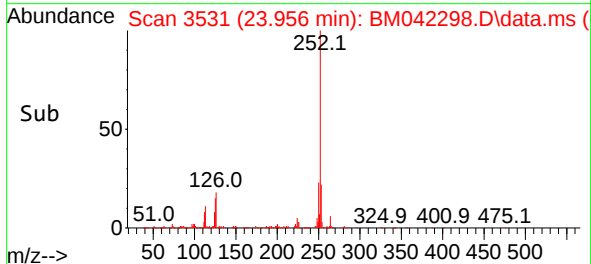
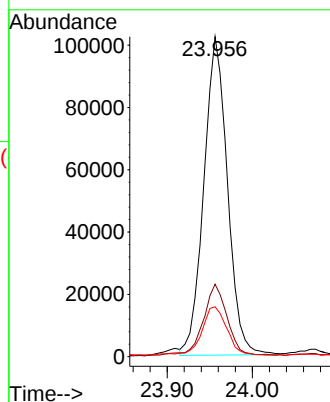
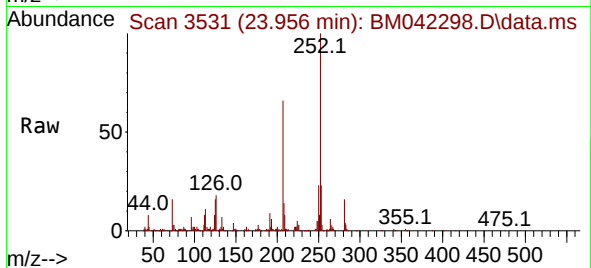
Tgt Ion:	252	Resp:	19702
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	15.6	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.943 ng/ul

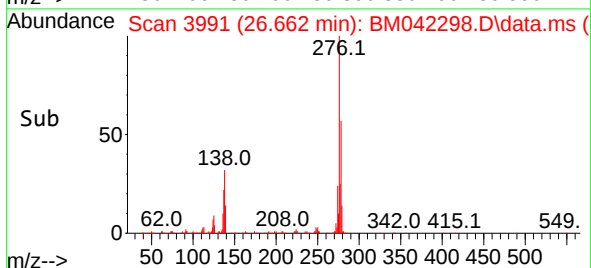
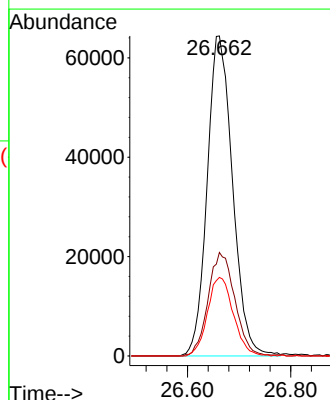
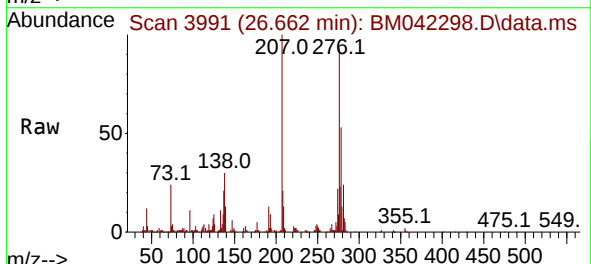
RT: 26.662 min Scan# 3991

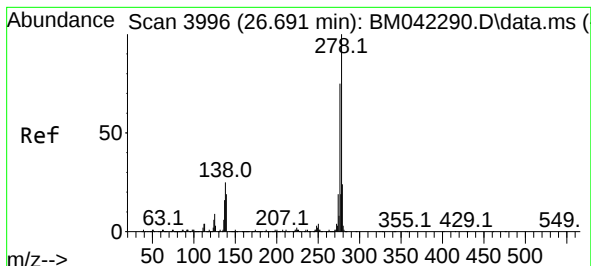
Delta R.T. -0.012 min

Lab File: BM042298.D

Acq: 16 Oct 2023 14:41

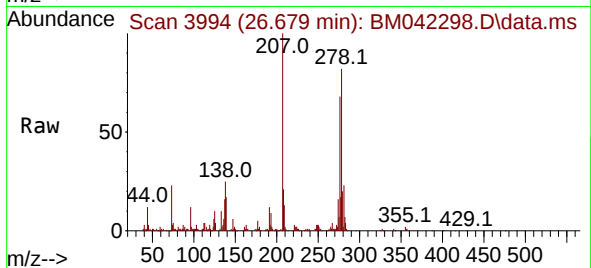
Tgt Ion:	276	Resp:	220084
Ion Ratio	Lower	Upper	
276	100		
138	32.3	22.8	34.2
277	24.5	20.0	30.0





#95
Dibenzo(a,h)anthracene
Concen: 3.930 ng/ul
RT: 26.679 min Scan# 3996
Delta R.T. -0.012 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

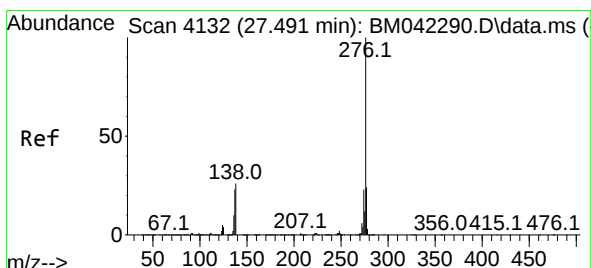
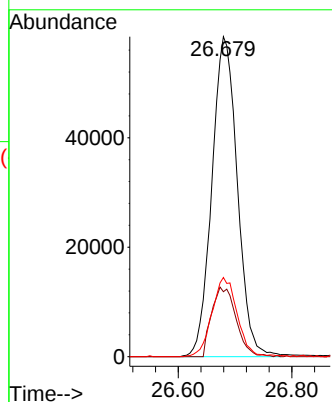
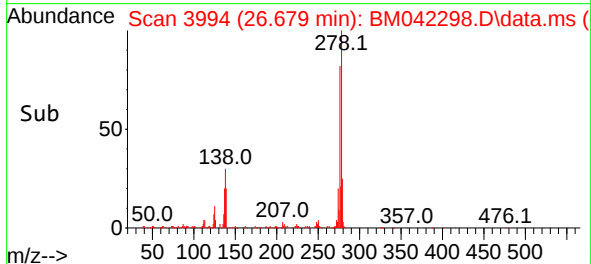
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:278 Resp: 181970
Ion Ratio Lower Upper
278 100
139 20.3 15.8 23.8
279 24.8 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#96
Benzo(g,h,i)perylene
Concen: 4.023 ng/ul
RT: 27.474 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BM042298.D
Acq: 16 Oct 2023 14:41

Tgt Ion:276 Resp: 175657
Ion Ratio Lower Upper
276 100
138 27.2 22.1 33.1
277 23.3 19.4 29.0

