

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042294.D
 Acq On : 16 Oct 2023 12:09
 Operator : MA/JU
 Sample : 02215-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

Quant Time: Oct 17 01:54:02 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	8.010	152	115853	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	528459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	320039	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	680925	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	643904	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	683994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	26318	7.098	ng/uL	0.00
4) Pyridine-d5	3.799	84	337766	30.758	ng/u1	0.00
7) Phenol-d5	7.157	99	364658	28.401	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	253311	29.199	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	252175	28.551	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	278524	27.392	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	130137	28.996	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	136870	28.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	237745	27.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	369949	26.836	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	789447	28.456	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	898875	29.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	149652	26.819	ng/u1	0.00
60) Fluorene-d10	15.651	176	670630	29.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	109553	22.967	ng/u1	0.00
73) Anthracene-d10	17.510	188	1019565	29.230	ng/u1	0.00
81) Pyrene-d10	19.798	212	1187841	30.268	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1154955	30.763	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	5126	1.261	ng/uL	90
5) Pyridine	3.828	79	52142	4.587	ng/u1#	76
6) Benzaldehyde	7.169	77	43392	6.611	ng/u1	98
8) Phenol	7.187	94	58399	4.504	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.446	93	51535	4.786	ng/u1	100
12) 2-Chlorophenol	7.563	128	41661	4.516	ng/u1	97
13) 2-Methylphenol	8.451	108	39424	4.074	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.522	45	87284m	4.754	ng/u1	
16) Acetophenone	8.863	105	72988	4.624	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	40900	4.378	ng/u1	98
18) 4-Methylphenol	8.781	108	44357	4.159	ng/u1	99
19) Hexachloroethane	9.081	117	17825	4.580	ng/u1	96
22) Nitrobenzene	9.251	77	60239	4.745	ng/u1	99
23) Isophorone	9.763	82	103375	4.200	ng/u1	100
25) 2-Nitrophenol	9.957	139	23717	4.517	ng/u1	96
26) 2,4-Dimethylphenol	9.992	107	48924	4.385	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.251	93	71683	4.658	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	37842	4.425	ng/u1	98
30) Naphthalene	10.887	128	143813	4.642	ng/u1	99
32) 4-Chloroaniline	11.022	127	61584	4.622	ng/u1	98
33) Hexachlorobutadiene	11.116	225	22506	4.559	ng/u1	96
34) Caprolactam	11.845	113	19903	6.374	ng/u1	95
35) 4-Chloro-3-methylphenol	12.116	107	41576	3.947	ng/u1	100
36) 2-Methylnaphthalene	12.486	142	95046	4.483	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042294.D
 Acq On : 16 Oct 2023 12:09
 Operator : MA/JU
 Sample : 02215-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

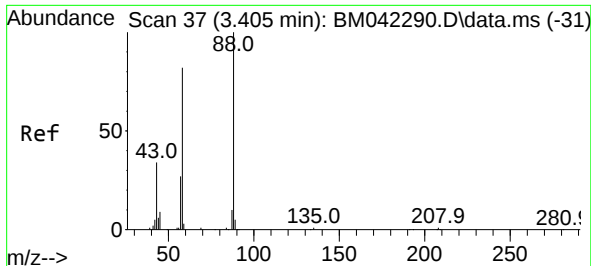
Quant Time: Oct 17 01:54:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

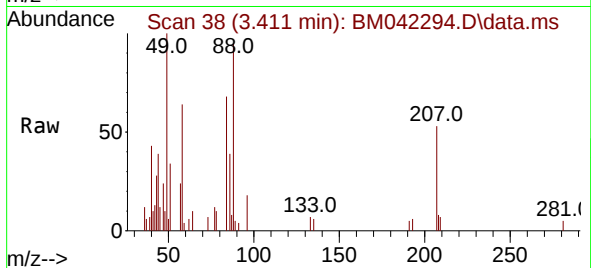
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	99279	4.632	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.839	216	46221	4.587	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	38819	5.952	ng/ul	100
41) 2,4,6-Trichlorophenol	13.092	196	26624	3.952	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	29331	4.055	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	128625	4.689	ng/ul	97
44) 2-Chloronaphthalene	13.539	162	98454	4.683	ng/ul	98
45) 2-Nitroaniline	13.775	65	28669	3.793	ng/ul	96
47) Dimethylphthalate	14.116	163	126430	4.580	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	17622	3.526	ng/ul	94
50) Acenaphthylene	14.386	152	164075	4.679	ng/ul	100
51) 3-Nitroaniline	14.604	138	20944	3.555	ng/ul#	96
52) Acenaphthene	14.722	153	110029	4.671	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	25185	7.445	ng/ul	98
55) 4-Nitrophenol	14.880	109	19574	4.324	ng/ul	87
56) Dibenzofuran	15.057	168	150563	4.758	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	28914	3.924	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	23532	3.876	ng/ul#	87
59) Diethylphthalate	15.463	149	126014	4.472	ng/ul	98
61) Fluorene	15.704	166	123718	4.714	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	57509	4.538	ng/ul	95
63) 4-Nitroaniline	15.763	138	23433	4.448	ng/ul#	58
66) 4,6-Dinitro-2-methylph...	15.786	198	20492	4.108	ng/ul#	72
67) N-Nitrosodiphenylamine	15.916	169	98489	4.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	30957	4.227	ng/ul	94
69) Hexachlorobenzene	16.674	284	35761	4.295	ng/ul	98
70) Atrazine	16.863	200	28640	3.853	ng/ul	99
71) Pentachlorophenol	17.033	266	32311	5.726	ng/ul	95
72) Phenanthrene	17.451	178	188892	4.522	ng/ul	99
74) Anthracene	17.545	178	195890	4.663	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	44036	4.365	ng/ul	99
76) Pentachlorobenzene	14.951	250	47553	4.800	ng/ul	94
77) Carbazole	17.827	167	165168	4.316	ng/ul	99
78) Di-n-butylphthalate	18.351	149	195266	4.031	ng/ul	99
80) Fluoranthene	19.462	202	201520	4.336	ng/ul	97
82) Pyrene	19.827	202	228701	4.681	ng/ul	94
83) Butylbenzylphthalate	20.709	149	76892	3.692	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	59359	3.859	ng/ul	97
85) Benzo(a)anthracene	21.574	228	209418	4.287	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	116584	3.789	ng/ul	100
87) Chrysene	21.627	228	199411	4.439	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	197855	3.581	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	200143	4.306	ng/ul#	97
91) Benzo(k)fluoranthene	23.350	252	196405m	4.273	ng/ul	
93) Benzo(a)pyrene	23.956	252	181010	4.162	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.668	276	212135	4.016	ng/ul	97
95) Dibenzo(a,h)anthracene	26.685	278	176009	4.017	ng/ul	99
96) Benzo(g,h,i)perylene	27.474	276	168006	4.066	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.261 ng/uL
RT: 3.411 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

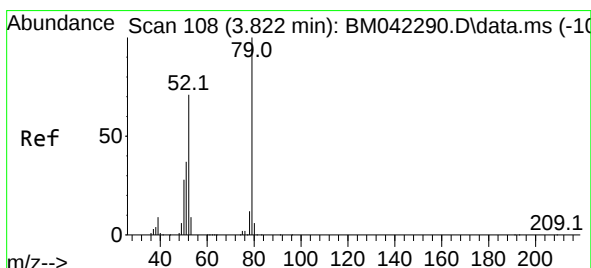
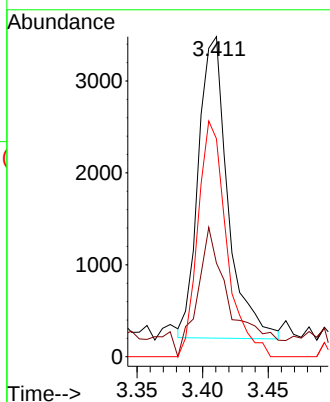
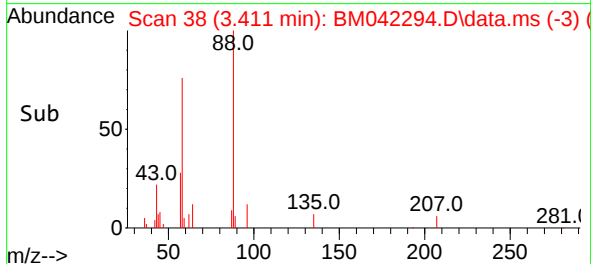
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 88 Resp: 5120
Ion Ratio Lower Upper
88 100
43 29.2 27.5 41.3
58 68.1 61.8 92.8

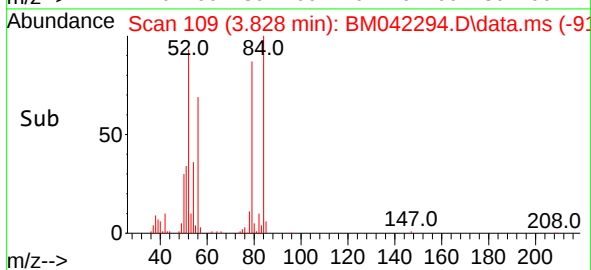
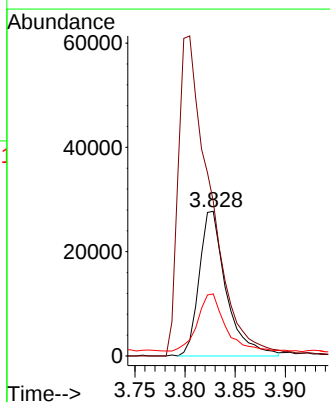
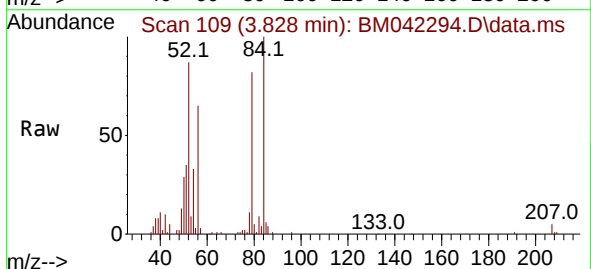
Manual Integrations
APPROVED

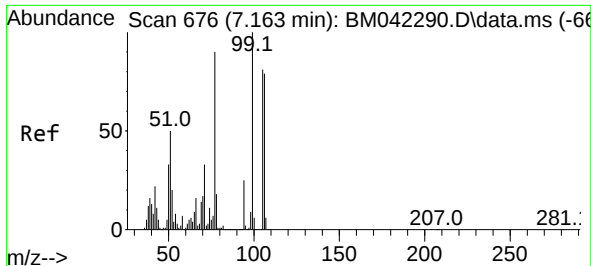
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.587 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

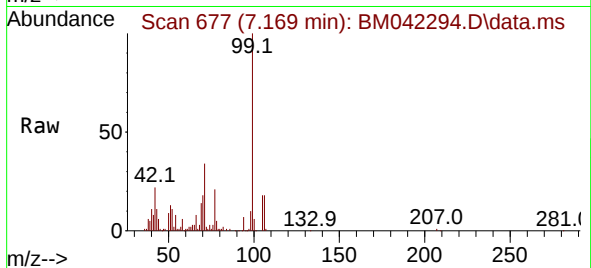
Tgt Ion: 79 Resp: 52142
Ion Ratio Lower Upper
79 100
52 107.0 63.8 95.6#
51 42.9 30.2 45.2





#6
Benzaldehyde
Concen: 6.611 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

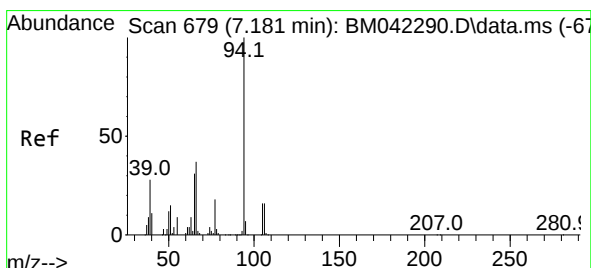
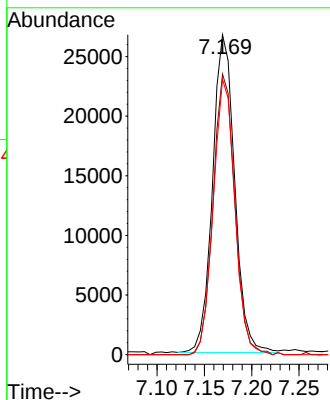
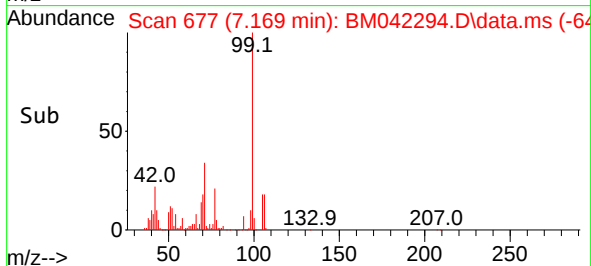
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 77 Resp: 43392
Ion Ratio Lower Upper
77 100
105 87.7 70.6 105.8
106 86.0 71.6 107.4

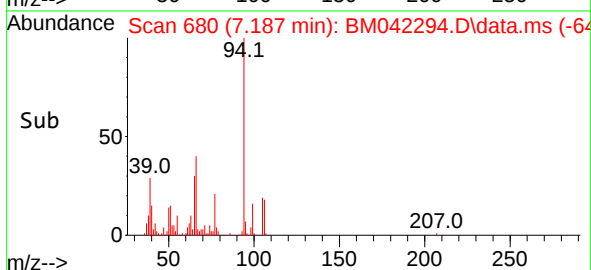
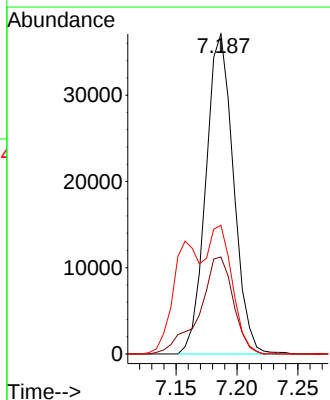
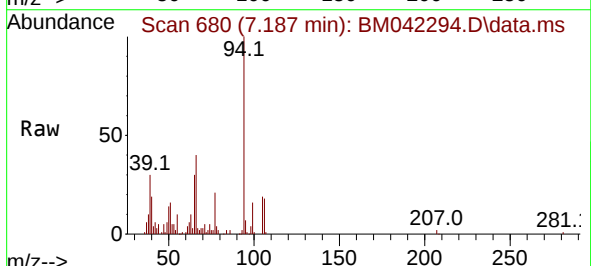
Manual Integrations
APPROVED

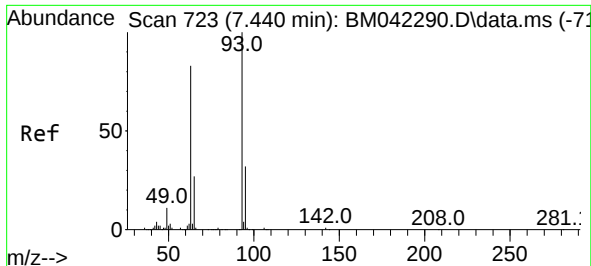
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.504 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

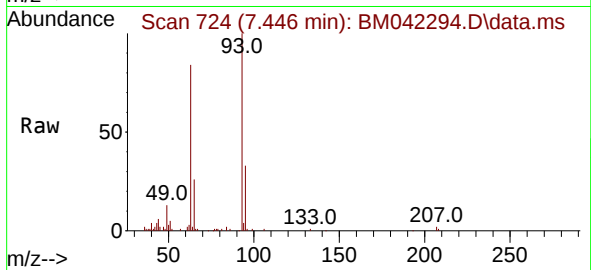
Tgt Ion: 94 Resp: 58399
Ion Ratio Lower Upper
94 100
65 30.3 24.1 36.1
66 40.2 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.786 ng/ul
RT: 7.446 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

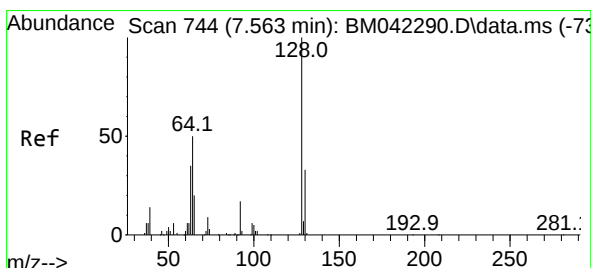
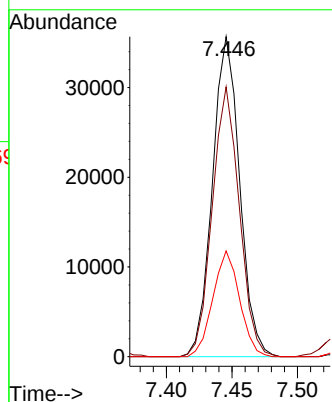
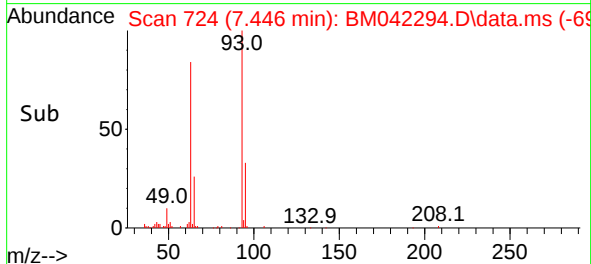
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 5153
Ion Ratio Lower Upper
93 100
63 84.3 67.3 100.9
95 33.1 26.7 40.1

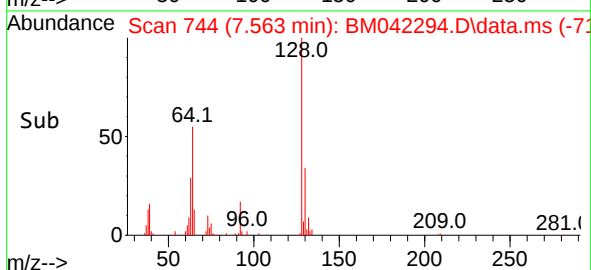
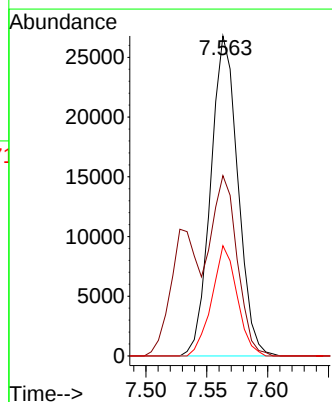
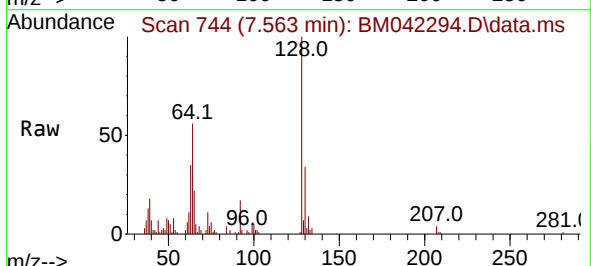
Manual Integrations
APPROVED

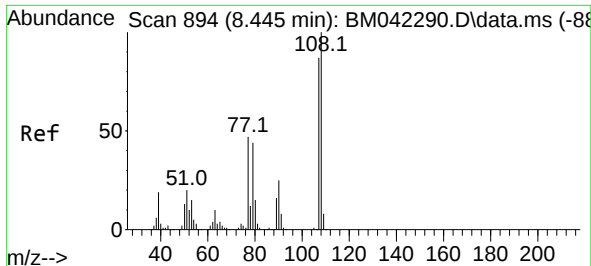
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.516 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:128 Resp: 41661
Ion Ratio Lower Upper
128 100
64 56.4 43.8 65.6
130 34.4 25.9 38.9





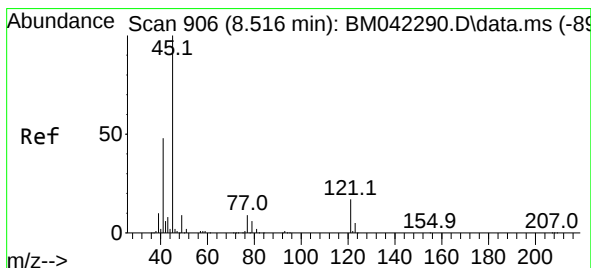
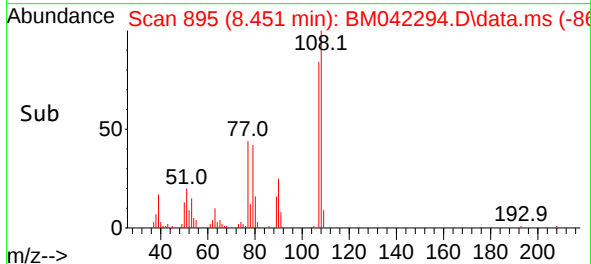
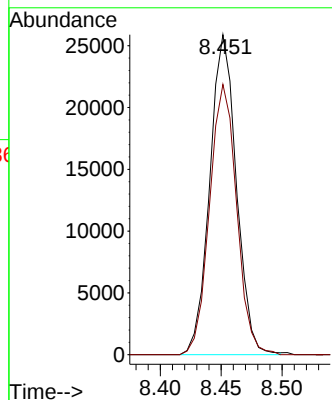
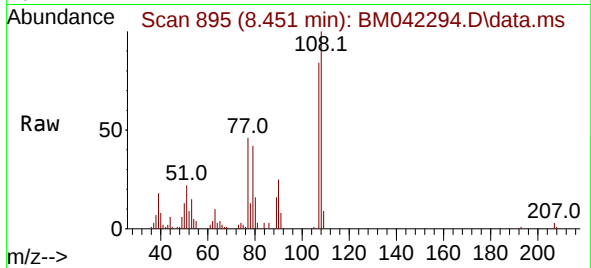
#13
2-Methylphenol
Concen: 4.074 ng/ul
RT: 8.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 39424
Ion Ratio Lower Upper
108 100
107 84.4 70.6 106.0

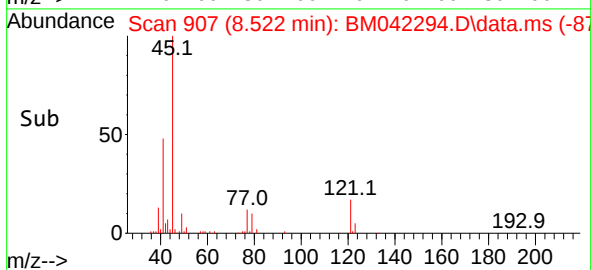
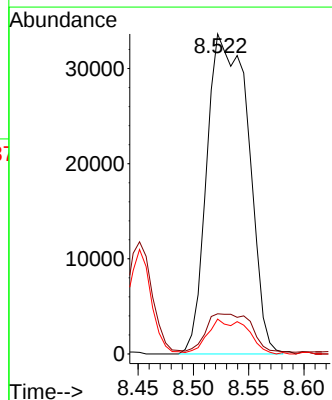
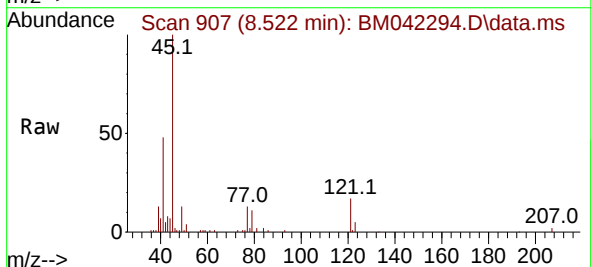
Manual Integrations
APPROVED

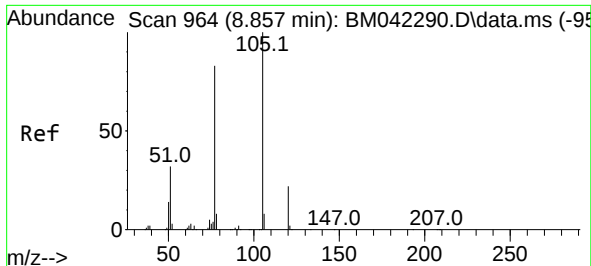
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.754 ng/ul m
RT: 8.522 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

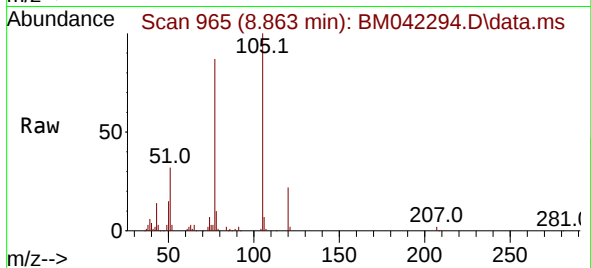
Tgt Ion: 45 Resp: 87284
Ion Ratio Lower Upper
45 100
77 12.6 10.5 15.7
79 10.9 7.3 10.9





#16
Acetophenone
Concen: 4.624 ng/ul
RT: 8.863 min Scan# 965
Delta R.T. 0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

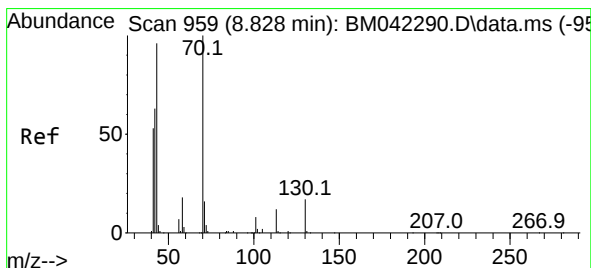
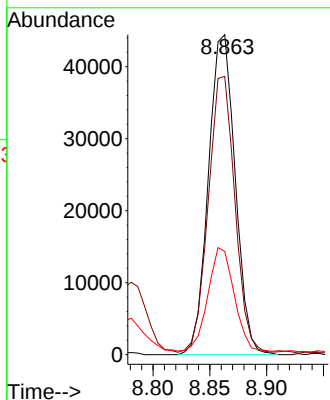
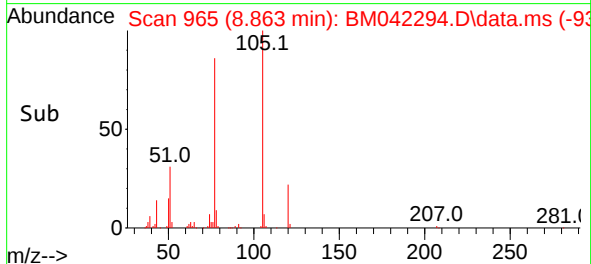
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:105 Resp: 7298
Ion Ratio Lower Upper
105 100
77 86.9 67.8 101.8
51 32.3 26.9 40.3

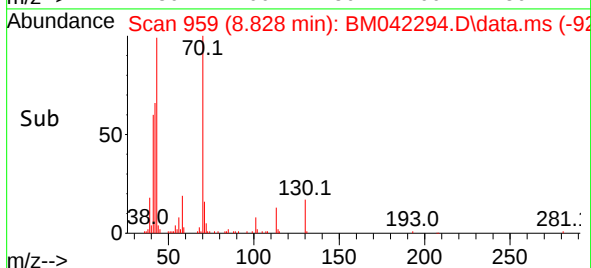
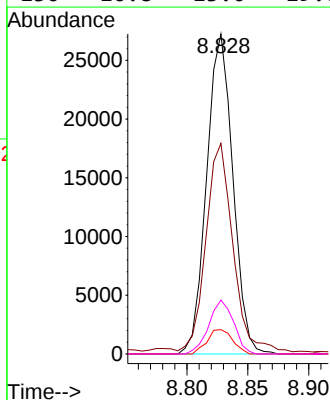
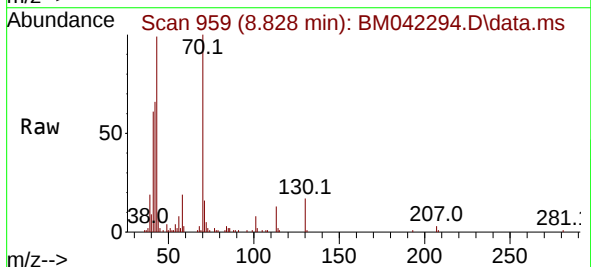
Manual Integrations
APPROVED

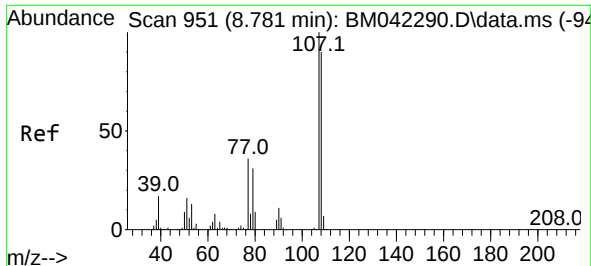
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.378 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion: 70 Resp: 40900
Ion Ratio Lower Upper
70 100
42 65.8 51.0 76.4
101 7.6 6.7 10.1
130 16.8 13.0 19.6





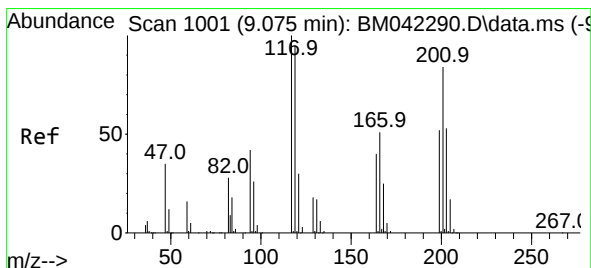
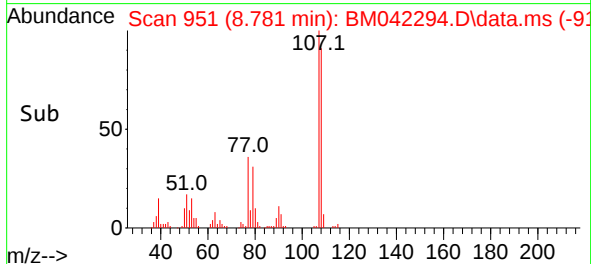
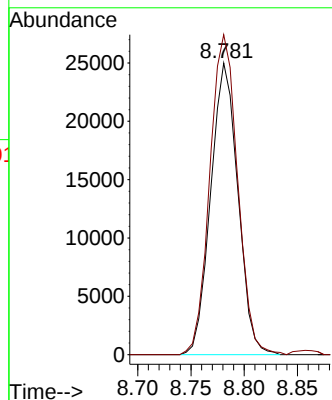
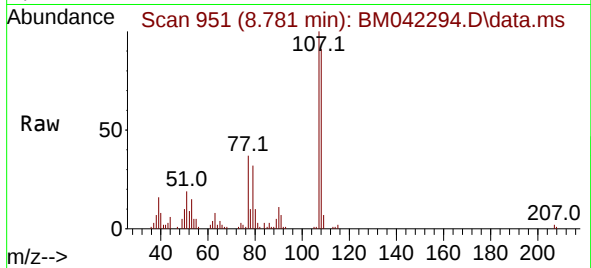
#18
4-Methylphenol
Concen: 4.159 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 4435
Ion Ratio Lower Upper
108 100
107 109.7 89.0 133.6

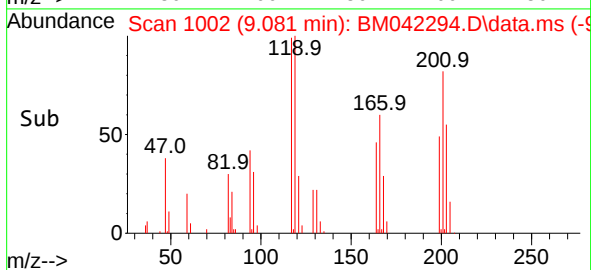
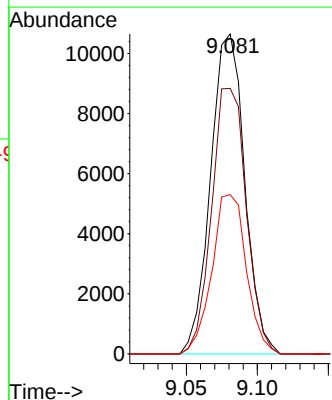
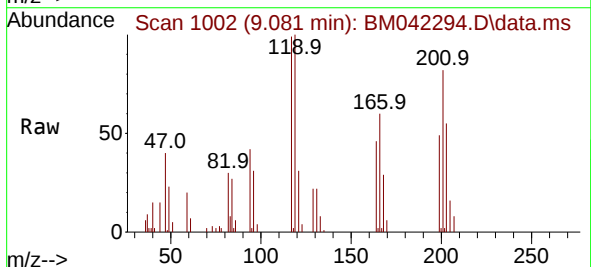
Manual Integrations
APPROVED

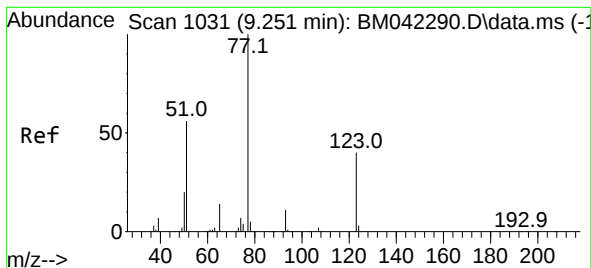
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.580 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:117 Resp: 17825
Ion Ratio Lower Upper
117 100
201 83.0 69.8 104.8
199 49.8 40.8 61.2





#22

Nitrobenzene

Concen: 4.745 ng/ul

RT: 9.251 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

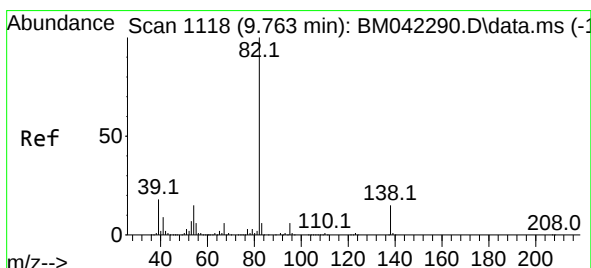
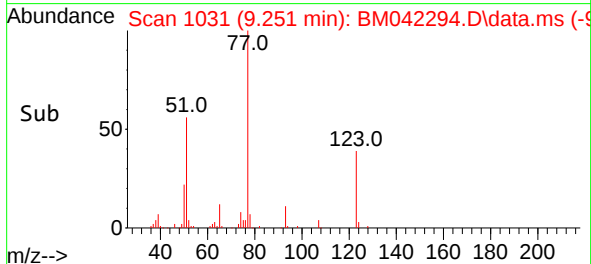
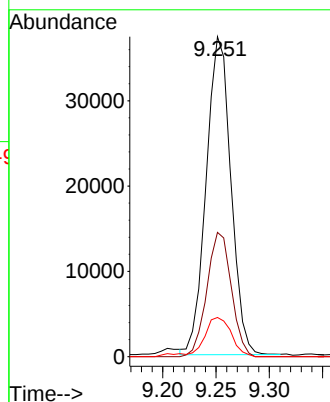
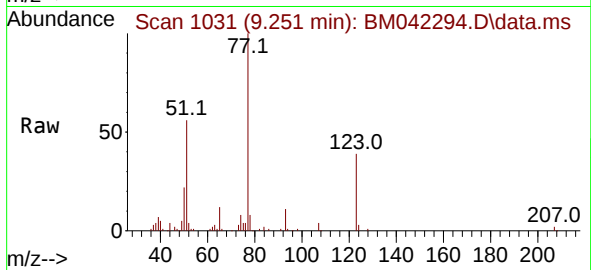
Tgt Ion: 77	Resp: 60239
Ion Ratio	Lower Upper
77 100	
123 38.8	31.3 46.9
65 12.3	10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#23

Isophorone

Concen: 4.200 ng/ul

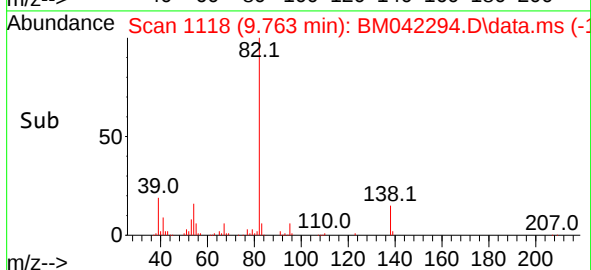
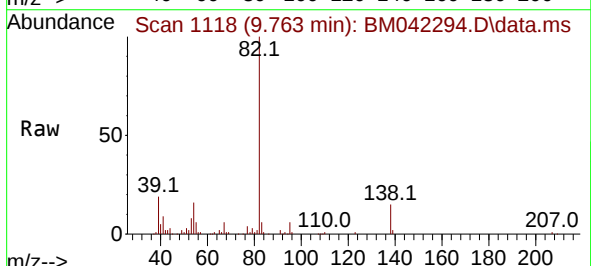
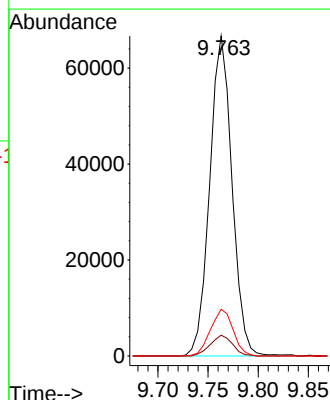
RT: 9.763 min Scan# 1118

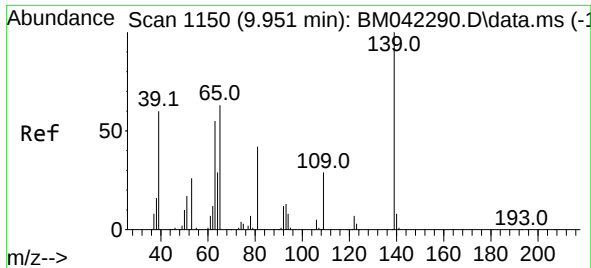
Delta R.T. 0.000 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Tgt Ion: 82	Resp: 103375
Ion Ratio	Lower Upper
82 100	
95 6.5	5.0 7.4
138 14.6	11.8 17.6





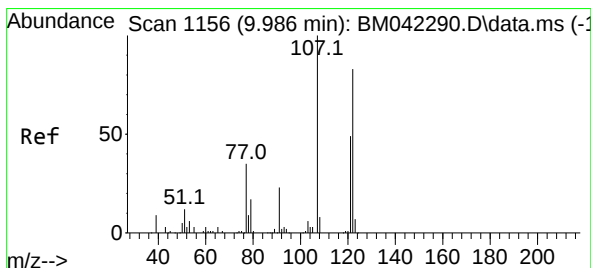
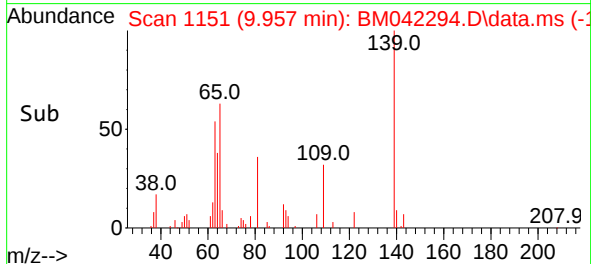
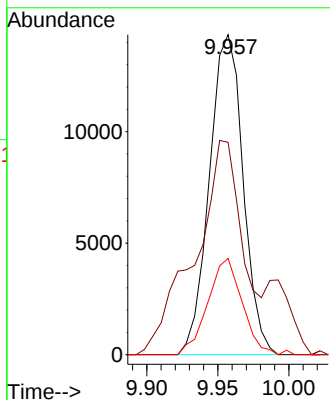
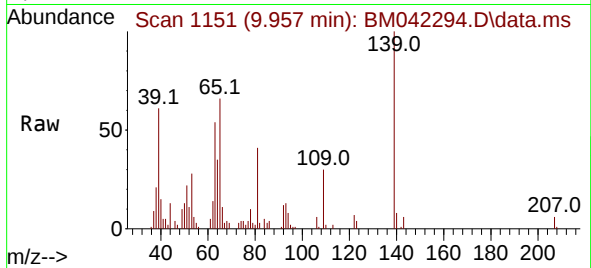
#25
2-Nitrophenol
Concen: 4.517 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:139 Resp: 2371
Ion Ratio Lower Upper
139 100
65 66.3 49.4 74.2
109 30.1 24.0 36.0

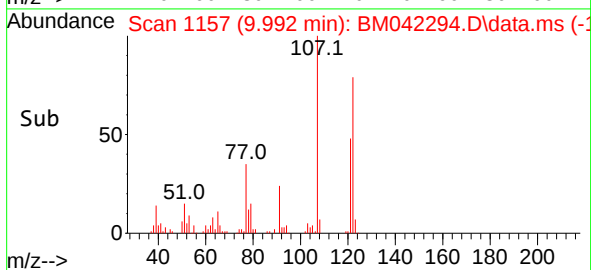
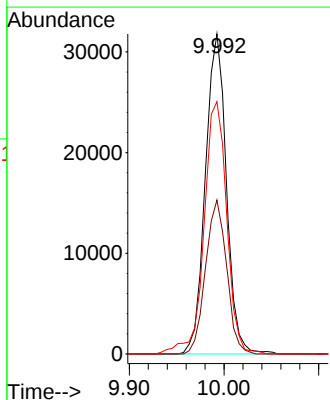
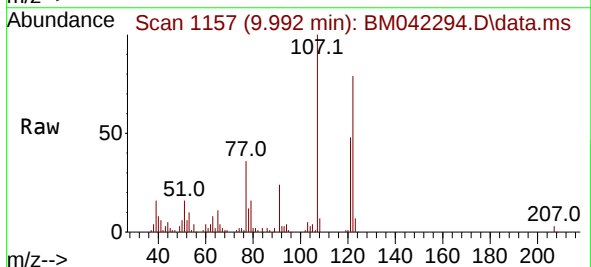
Manual Integrations
APPROVED

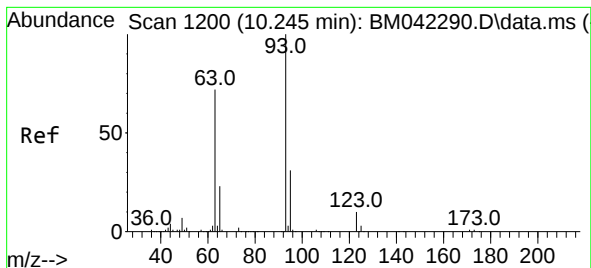
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.385 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:107 Resp: 48924
Ion Ratio Lower Upper
107 100
121 48.1 38.4 57.6
122 78.8 68.6 102.8





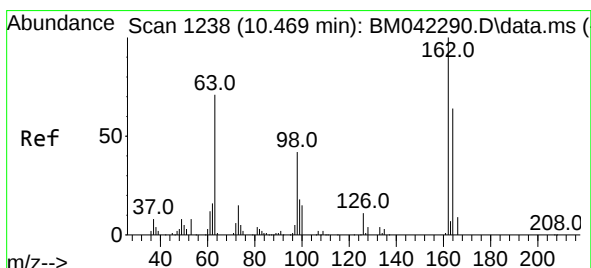
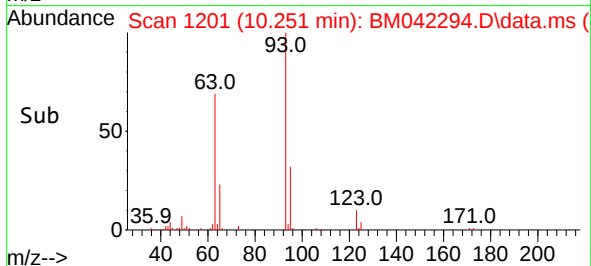
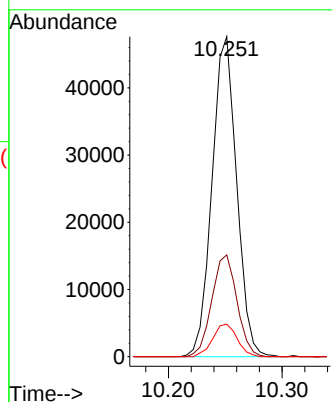
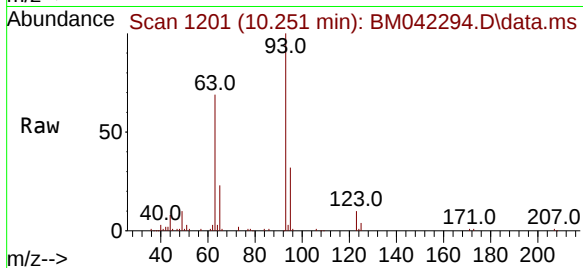
#27
Bis(2-Chloroethoxy)methane
Concen: 4.658 ng/ul
RT: 10.251 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion: 93 Resp: 7168
Ion Ratio Lower Upper
93 100
95 31.8 26.1 39.1
123 10.2 8.1 12.1

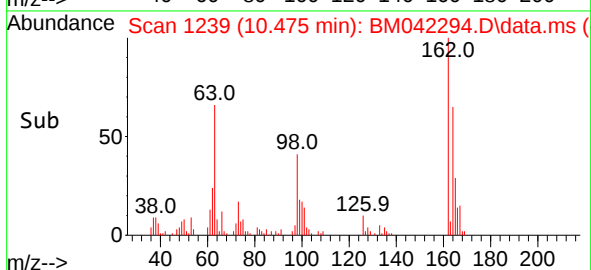
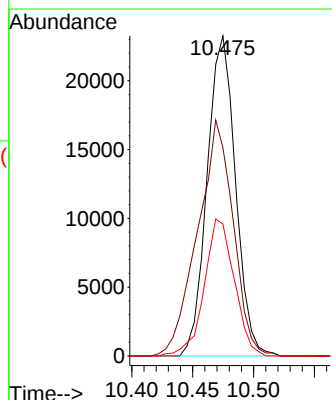
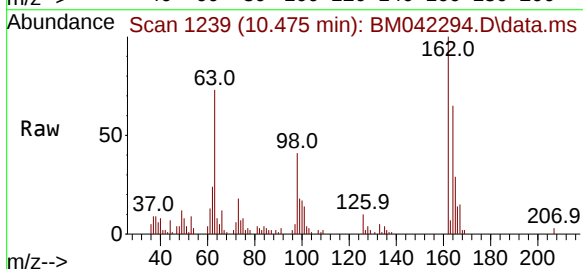
Manual Integrations
APPROVED

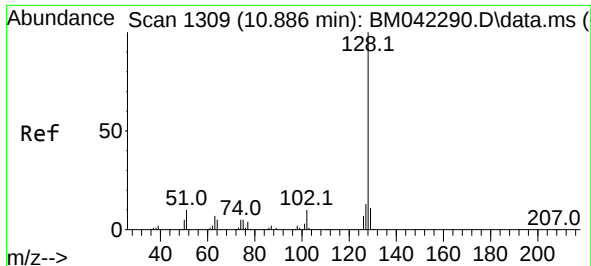
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.425 ng/ul
RT: 10.475 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

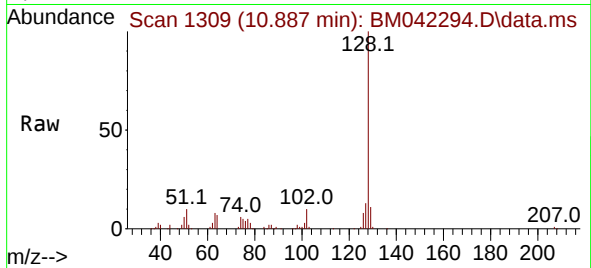
Tgt Ion:162 Resp: 37842
Ion Ratio Lower Upper
162 100
164 65.1 52.4 78.6
98 41.2 34.6 52.0





#30
Naphthalene
Concen: 4.642 ng/ul
RT: 10.887 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

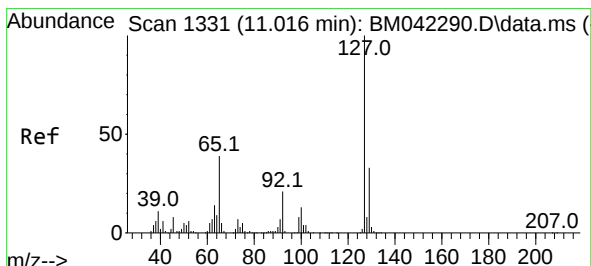
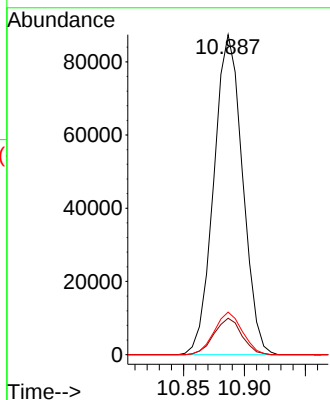
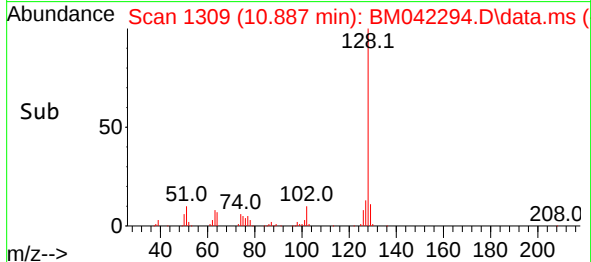
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:128 Resp: 14381
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.3 10.4 15.6

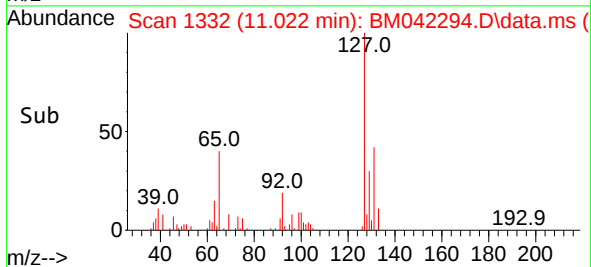
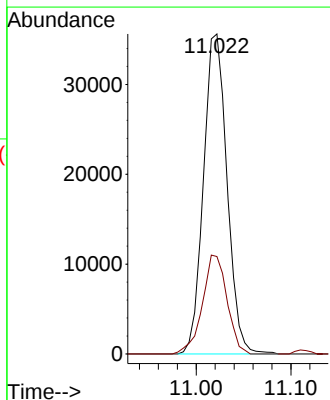
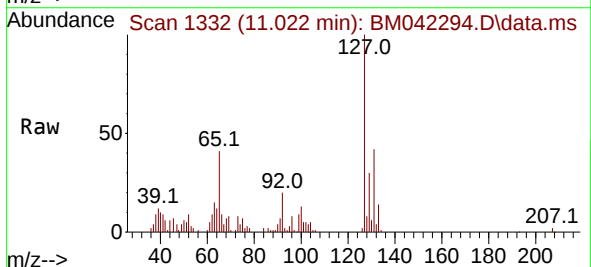
Manual Integrations
APPROVED

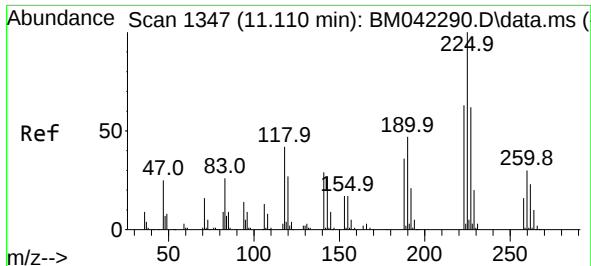
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.622 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

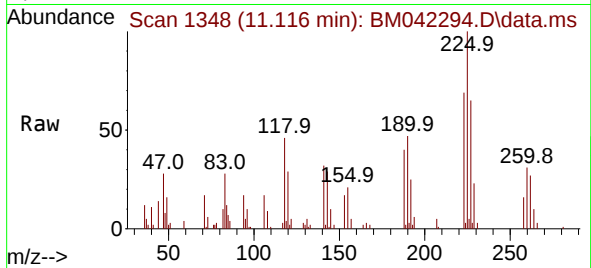
Tgt Ion:127 Resp: 61584
Ion Ratio Lower Upper
127 100
129 30.5 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.559 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

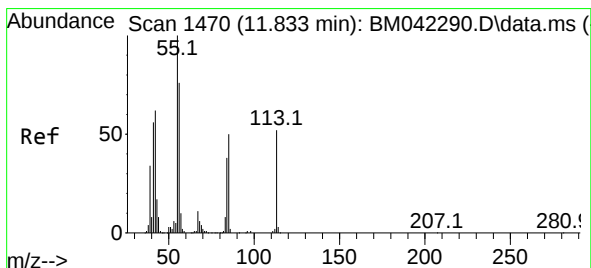
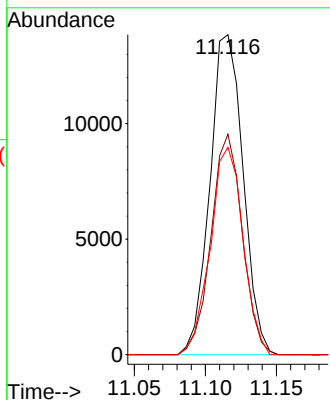
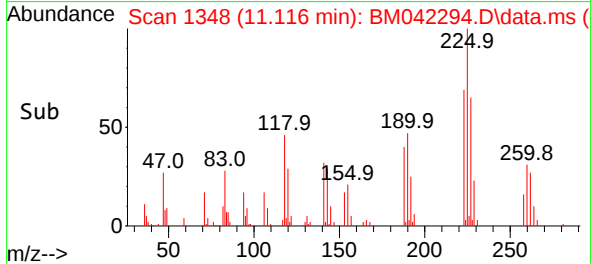
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



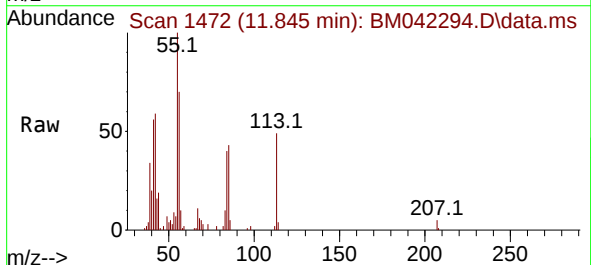
Tgt Ion:225 Resp: 22500
Ion Ratio Lower Upper
225 100
223 68.9 51.3 76.9
227 64.8 53.4 80.0

Manual Integrations
APPROVED

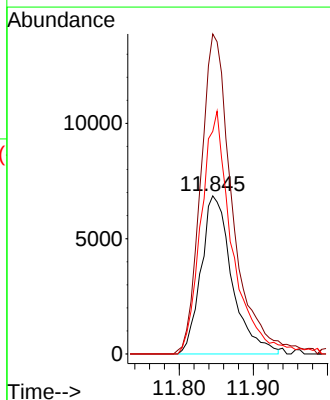
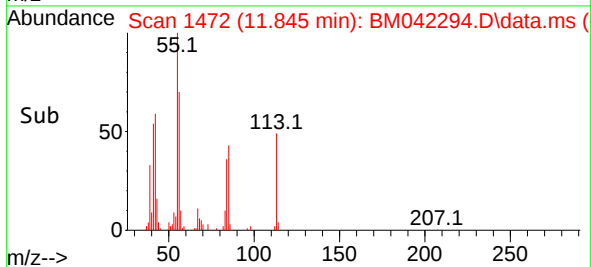
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

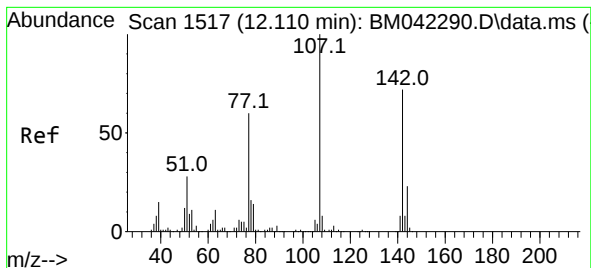


#34
Caprolactam
Concen: 6.374 ng/ul
RT: 11.845 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



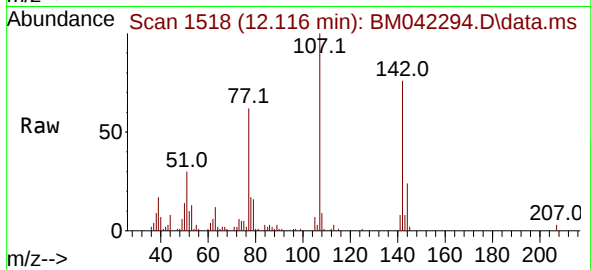
Tgt Ion:113 Resp: 19903
Ion Ratio Lower Upper
113 100
55 202.5 162.1 243.1
56 140.8 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 3.947 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

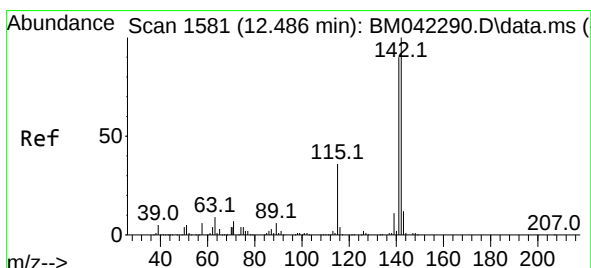
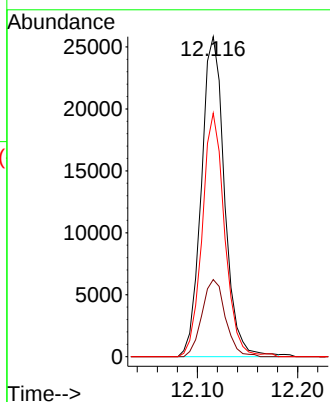
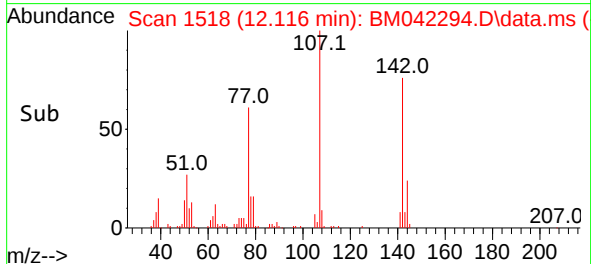
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:107 Resp: 41570
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 76.1 60.6 91.0

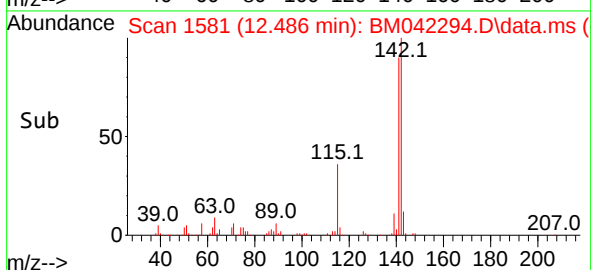
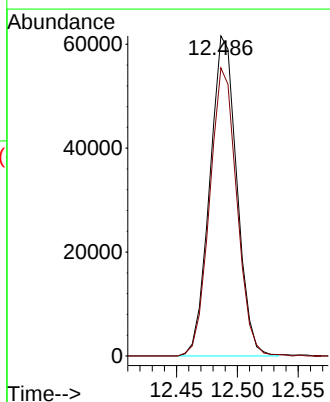
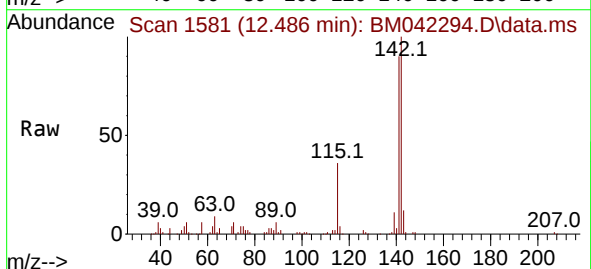
Manual Integrations
APPROVED

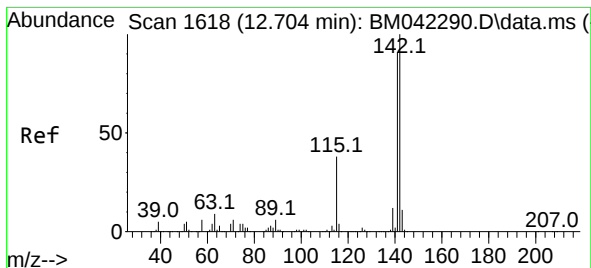
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.483 ng/ul
RT: 12.486 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:142 Resp: 95046
Ion Ratio Lower Upper
142 100
141 90.0 71.5 107.3





#37

1-Methylnaphthalene

Concen: 4.632 ng/ul

RT: 12.704 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

Tgt Ion:142 Resp: 99279

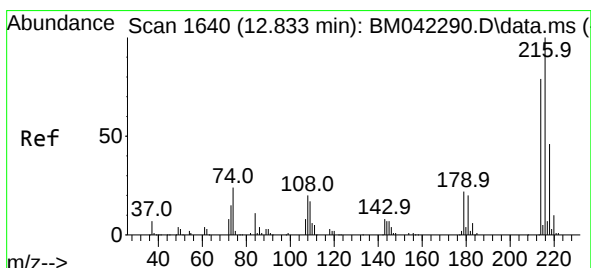
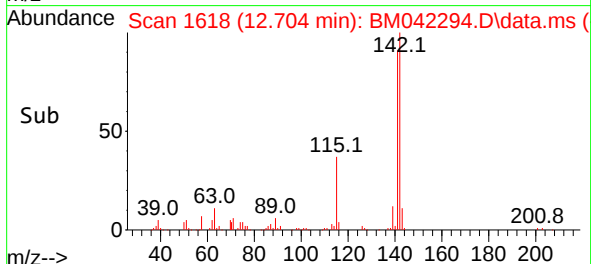
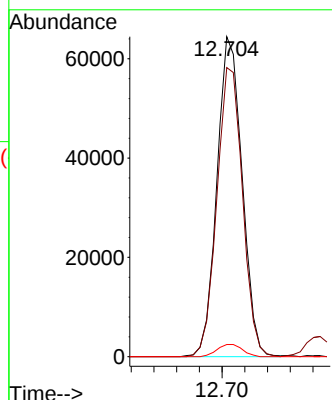
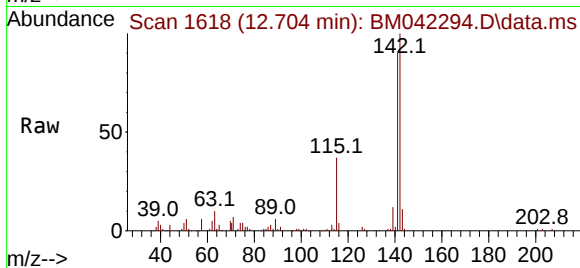
Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.6	111.8
116	3.8	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.587 ng/ul

RT: 12.839 min Scan# 1641

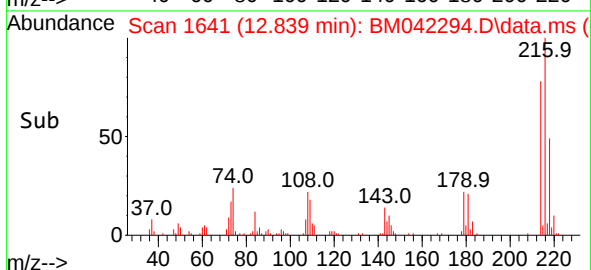
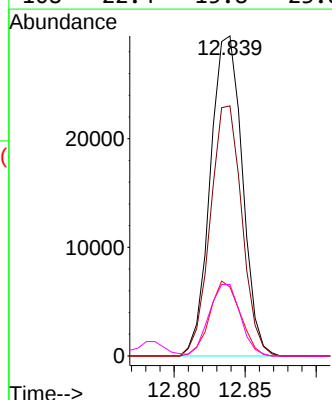
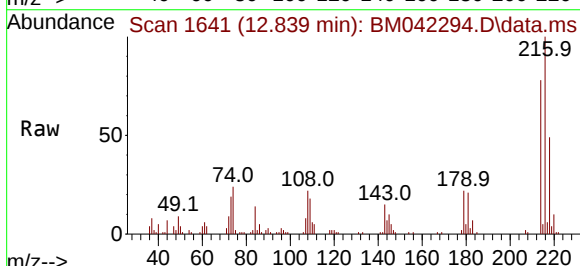
Delta R.T. 0.000 min

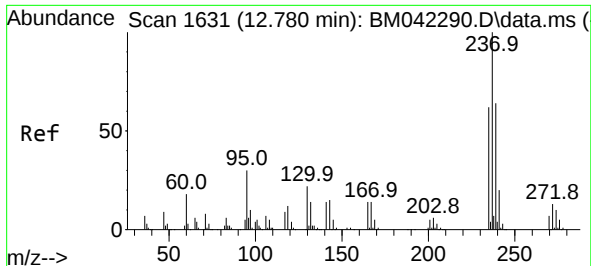
Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Tgt Ion:216 Resp: 46221

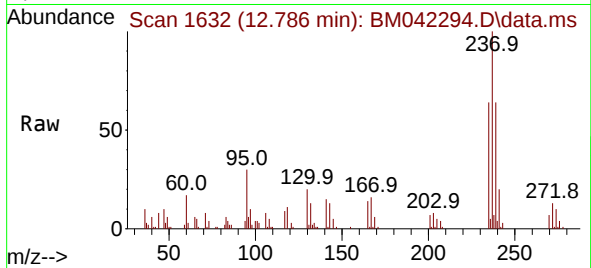
Ion	Ratio	Lower	Upper
216	100		
214	78.1	60.6	90.8
179	21.6	16.9	25.3
108	22.4	15.8	23.8





#40
Hexachlorocyclopentadiene
Concen: 5.952 ng/ul
RT: 12.786 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

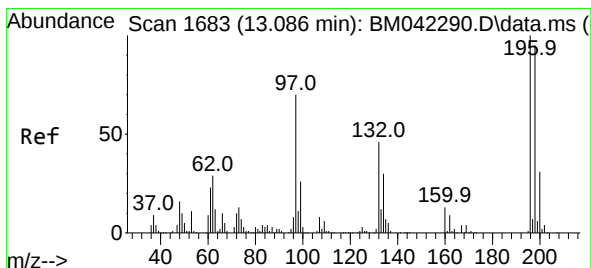
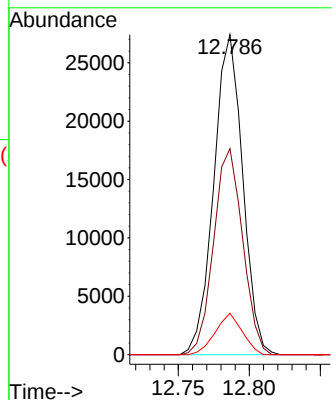
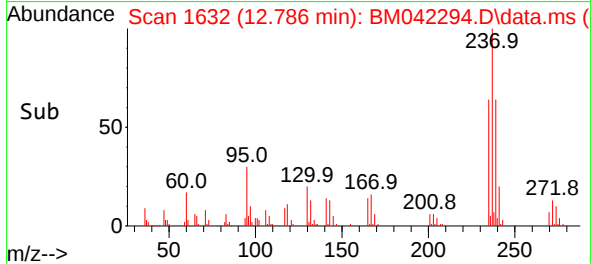
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



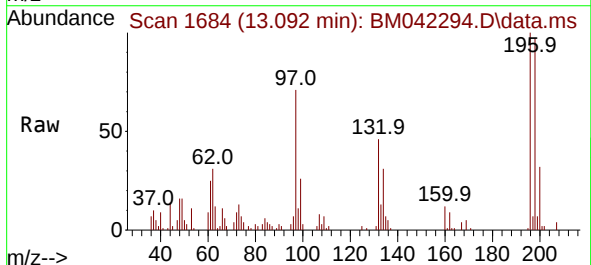
Tgt Ion:237 Resp: 38819
Ion Ratio Lower Upper
237 100
235 64.4 51.5 77.3
272 13.0 9.8 14.6

Manual Integrations
APPROVED

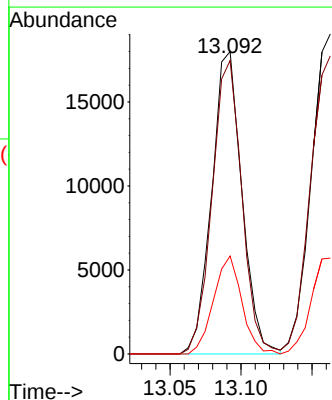
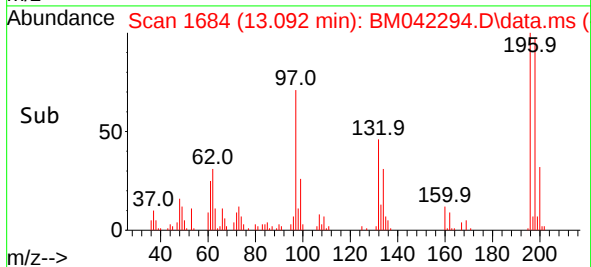
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

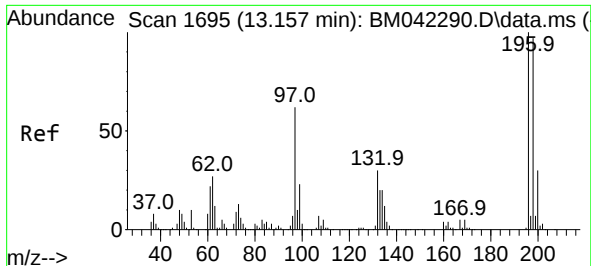


#41
2,4,6-Trichlorophenol
Concen: 3.952 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



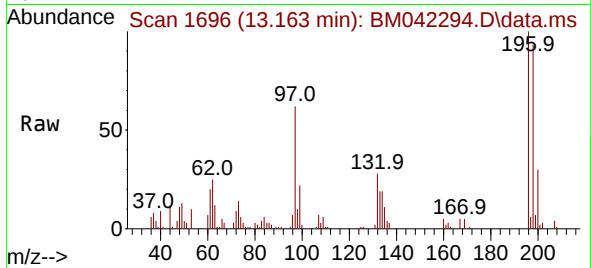
Tgt Ion:196 Resp: 26624
Ion Ratio Lower Upper
196 100
198 97.1 79.5 119.3
200 32.4 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 4.055 ng/ul
RT: 13.163 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

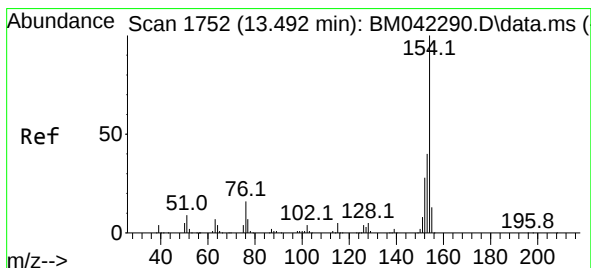
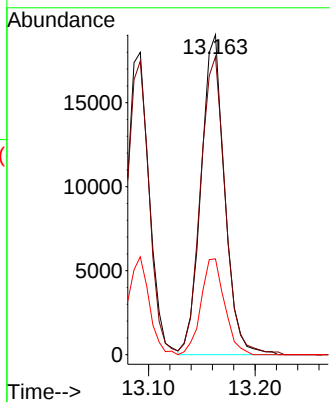
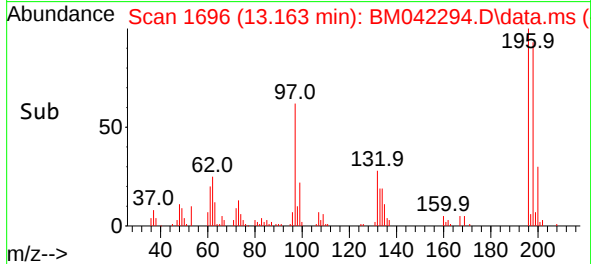
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



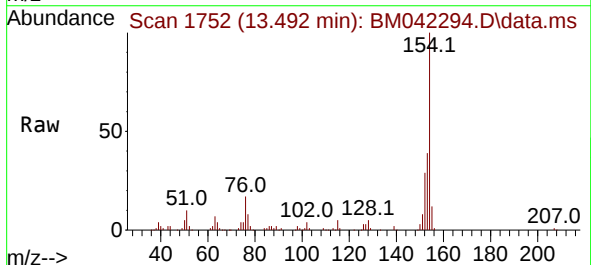
Tgt Ion:196 Resp: 2933
Ion Ratio Lower Upper
196 100
198 93.2 76.4 114.6
200 30.0 24.3 36.5

Manual Integrations
APPROVED

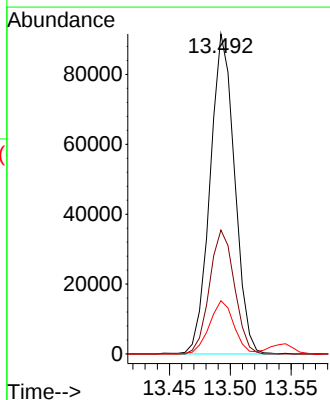
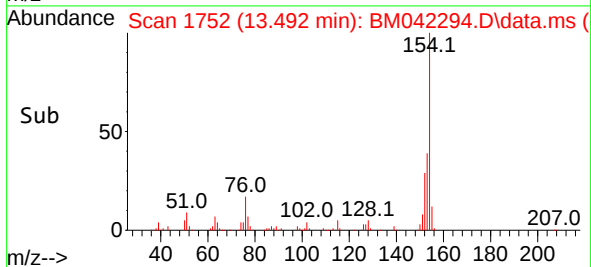
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

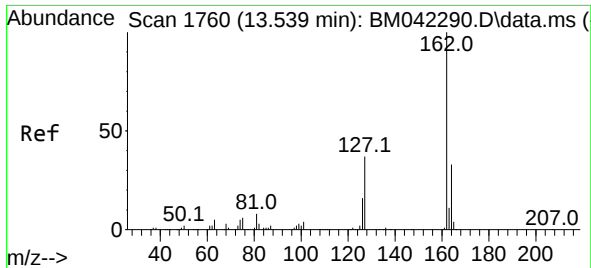


#43
1,1'-Biphenyl
Concen: 4.689 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



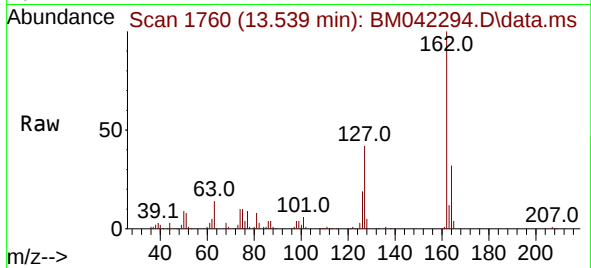
Tgt Ion:154 Resp: 128625
Ion Ratio Lower Upper
154 100
153 38.7 32.9 49.3
76 16.6 13.0 19.4





#44
2-Chloronaphthalene
Concen: 4.683 ng/ul
RT: 13.539 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

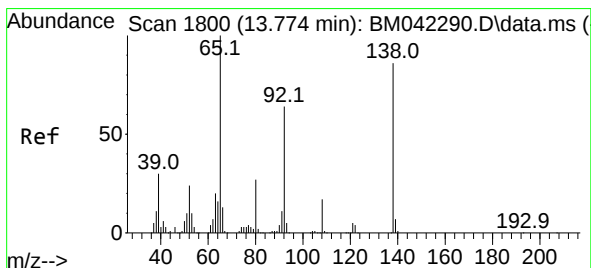
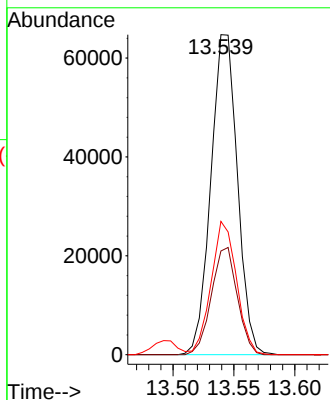
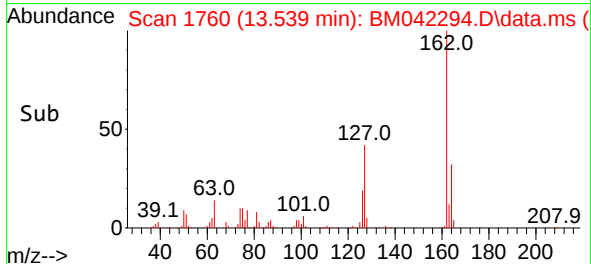
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



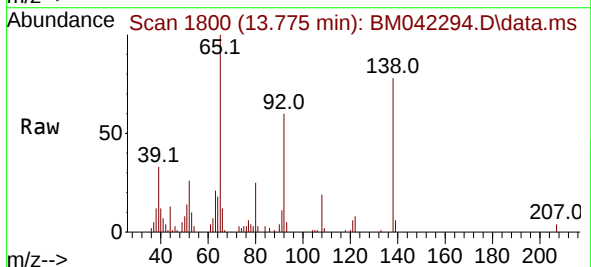
Tgt Ion:162 Resp: 98454
Ion Ratio Lower Upper
162 100
164 32.4 26.9 40.3
127 41.7 32.1 48.1

Manual Integrations
APPROVED

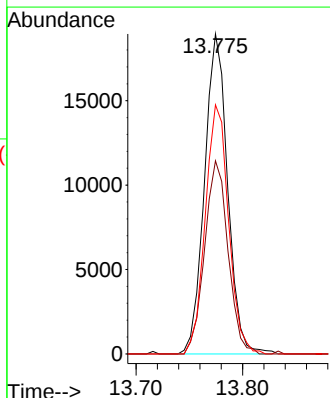
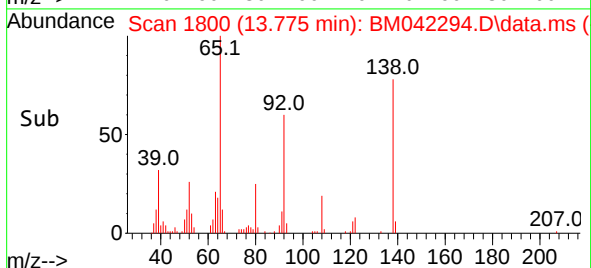
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

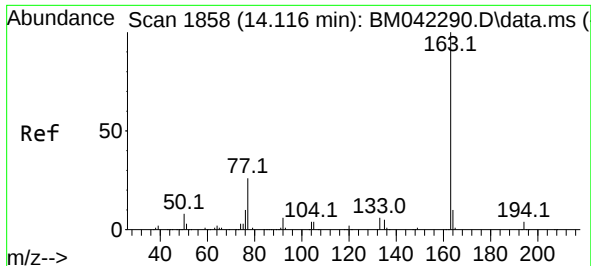


#45
2-Nitroaniline
Concen: 3.793 ng/ul
RT: 13.775 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



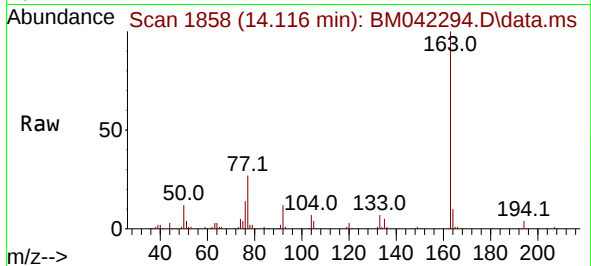
Tgt Ion: 65 Resp: 28669
Ion Ratio Lower Upper
65 100
92 60.3 50.0 75.0
138 77.9 66.4 99.6





#47
Dimethylphthalate
Concen: 4.580 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

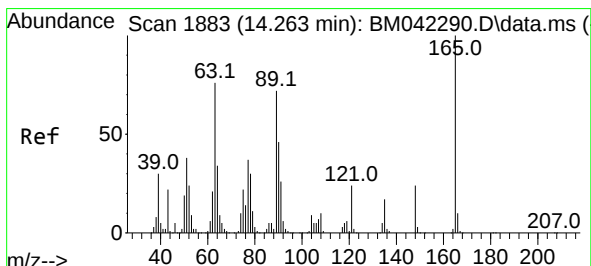
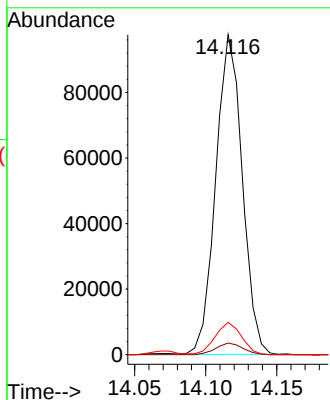
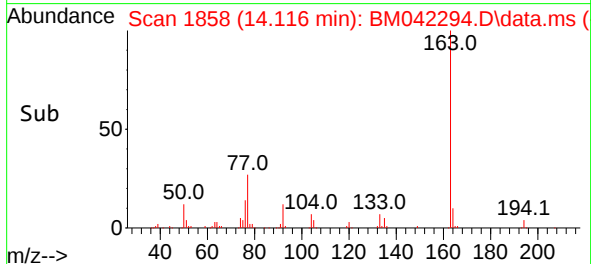
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



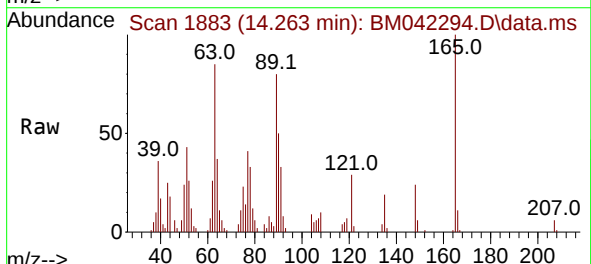
Tgt Ion:163 Resp: 126430
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.1 12.1

Manual Integrations
APPROVED

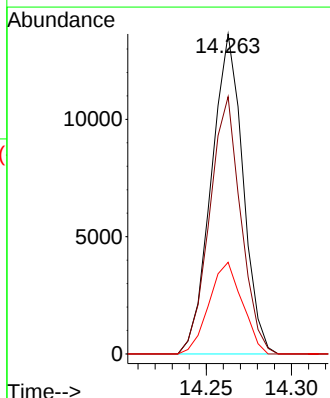
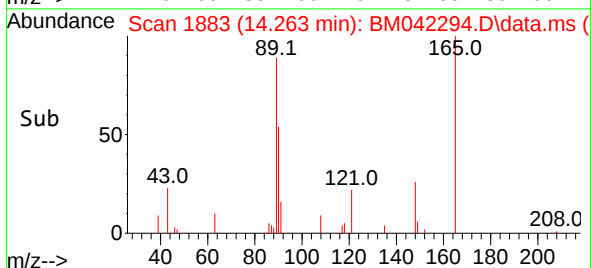
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

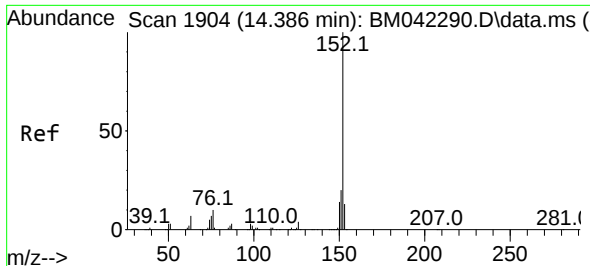


#48
2,6-Dinitrotoluene
Concen: 3.526 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



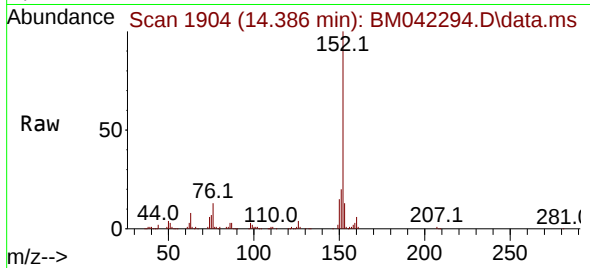
Tgt Ion:165 Resp: 17622
Ion Ratio Lower Upper
165 100
89 80.4 60.3 90.5
121 28.7 20.2 30.4





#50
Acenaphthylene
Concen: 4.679 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

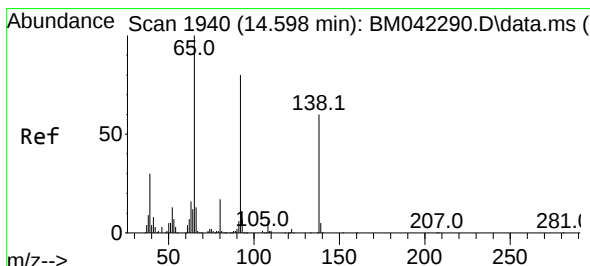
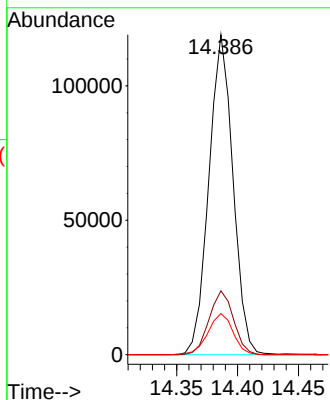
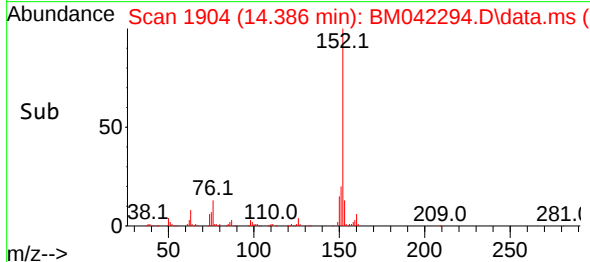
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



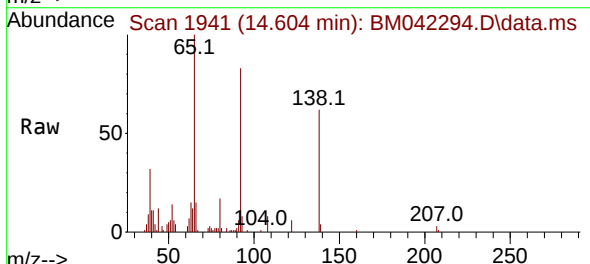
Tgt Ion:152 Resp: 164079
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.8 10.3 15.5

Manual Integrations
APPROVED

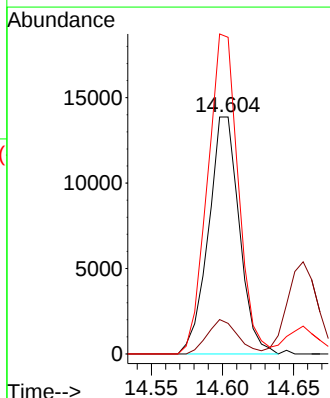
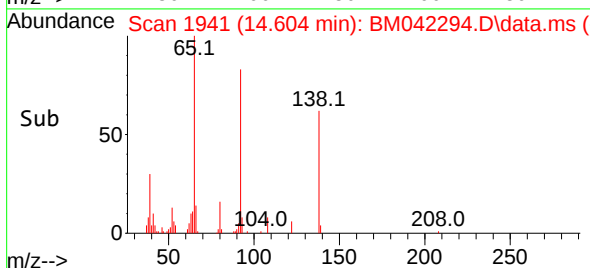
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

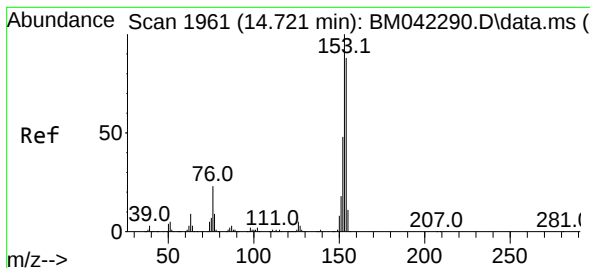


#51
3-Nitroaniline
Concen: 3.555 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



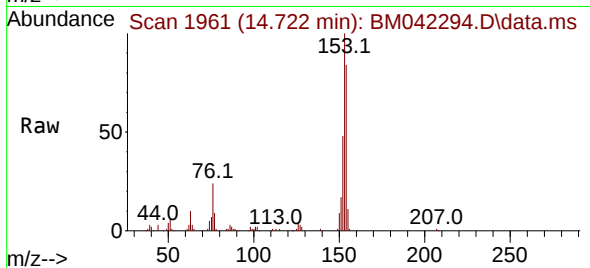
Tgt Ion:138 Resp: 20944
Ion Ratio Lower Upper
138 100
108 12.9 8.5 12.7#
92 133.6 103.8 155.6





#52
Acenaphthene
Concen: 4.671 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

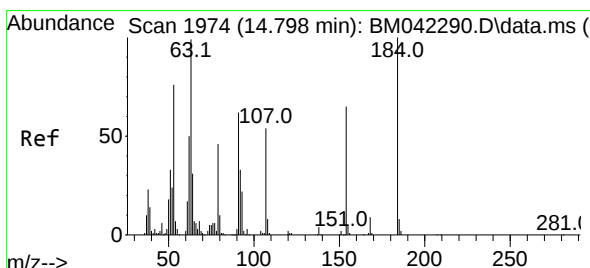
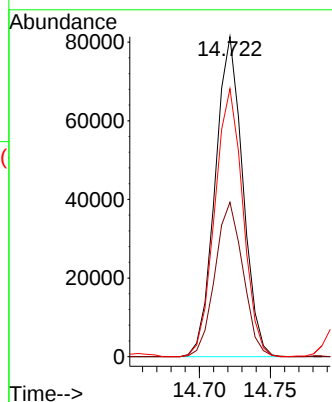
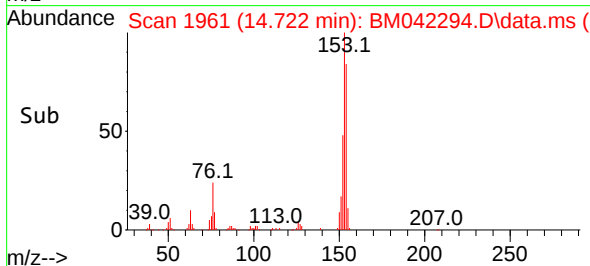
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



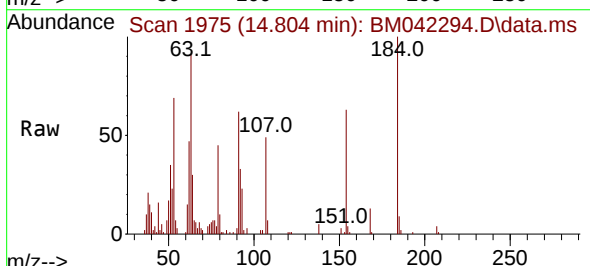
Tgt Ion:153 Resp: 110029
Ion Ratio Lower Upper
153 100
152 48.3 39.0 58.4
154 83.8 70.4 105.6

Manual Integrations
APPROVED

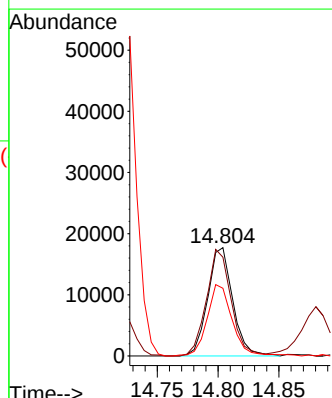
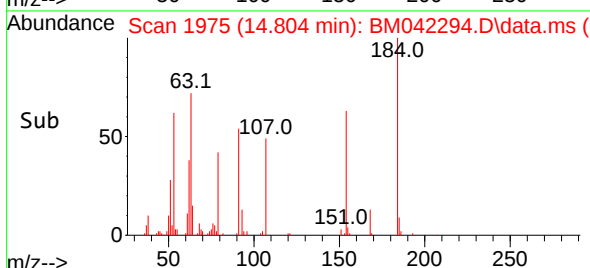
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

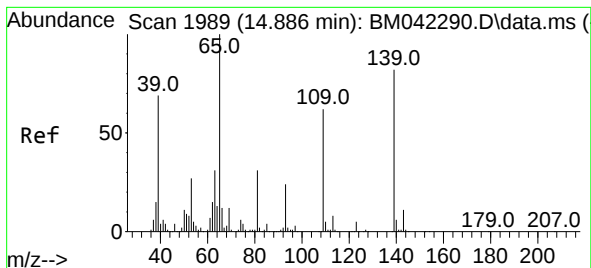


#53
2,4-Dinitrophenol
Concen: 7.445 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



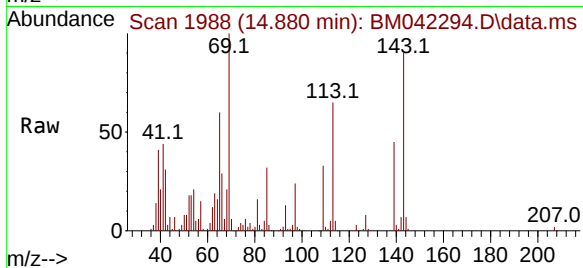
Tgt Ion:184 Resp: 25185
Ion Ratio Lower Upper
184 100
63 91.2 70.6 106.0
154 62.6 50.1 75.1





#55
4-Nitrophenol
Concen: 4.324 ng/ul
RT: 14.880 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

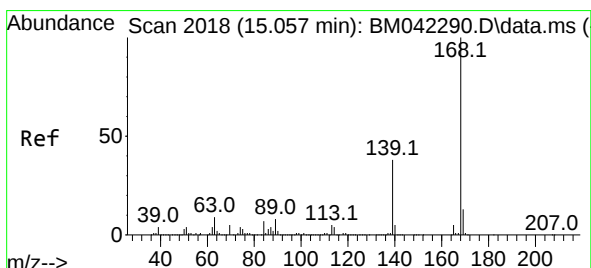
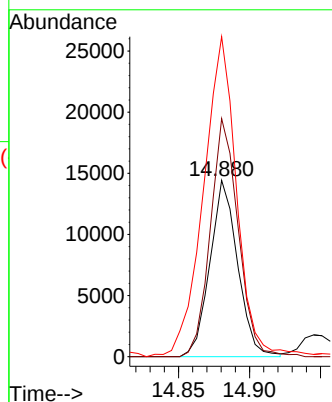
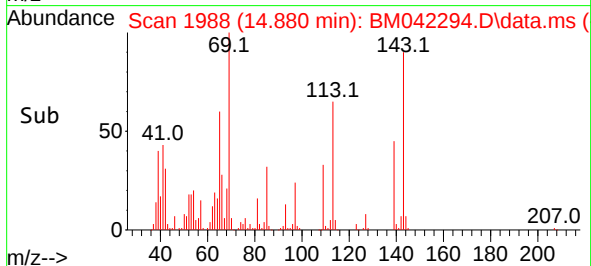
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



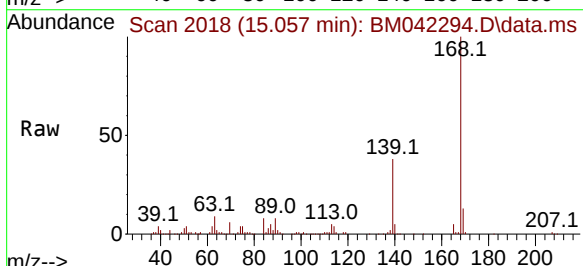
Tgt Ion:109 Resp: 19574
Ion Ratio Lower Upper
109 100
139 135.0 102.5 153.7
65 181.5 126.6 189.8

Manual Integrations
APPROVED

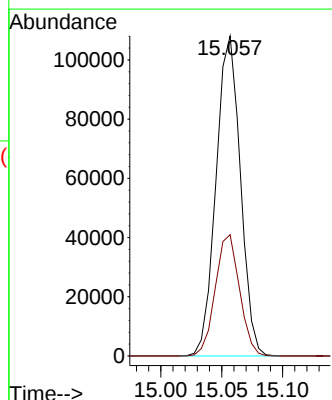
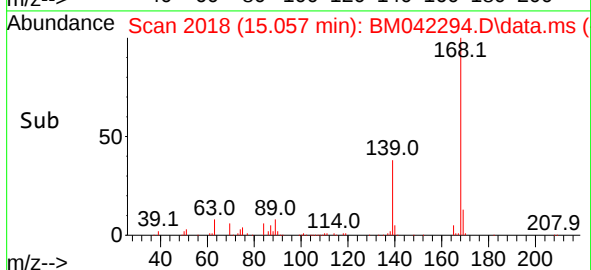
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

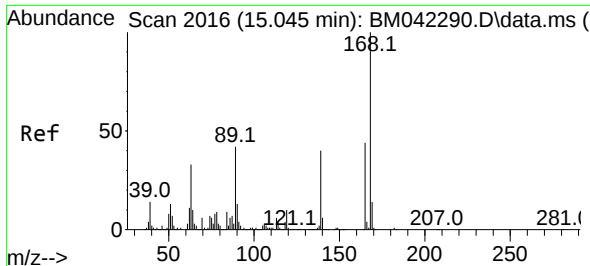


#56
Dibenzofuran
Concen: 4.758 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



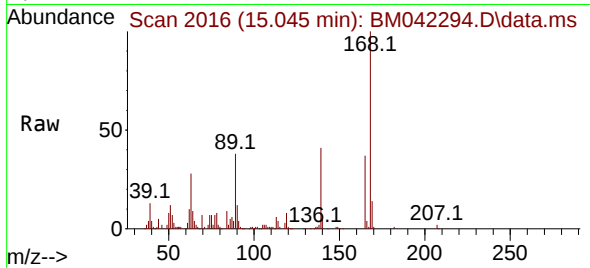
Tgt Ion:168 Resp: 150563
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.924 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

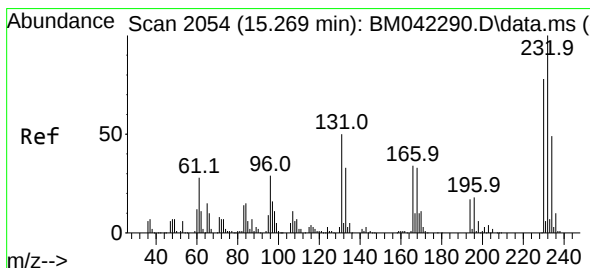
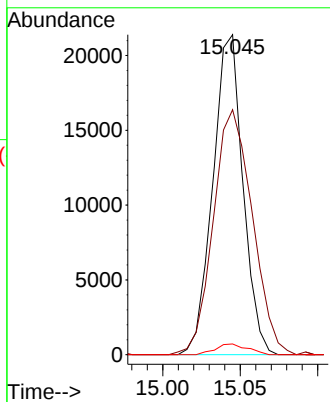
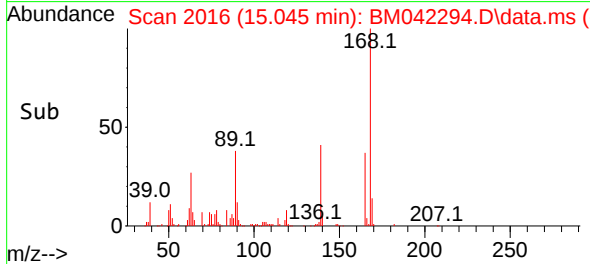
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:165 Resp: 28914
Ion Ratio Lower Upper
165 100
63 76.6 57.5 86.3
182 3.4 2.0 3.0

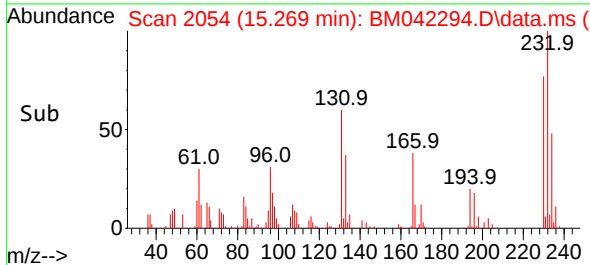
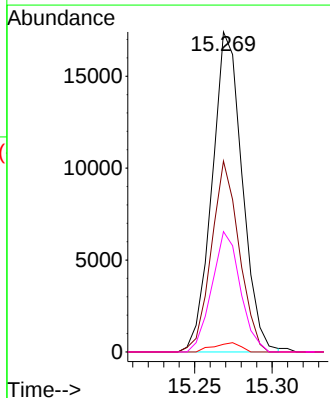
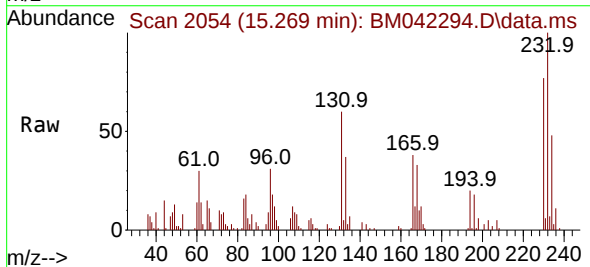
Manual Integrations
APPROVED

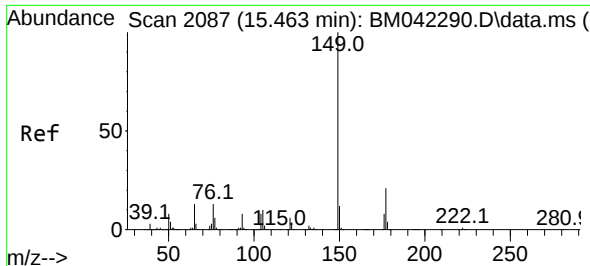
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.876 ng/ul
RT: 15.269 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

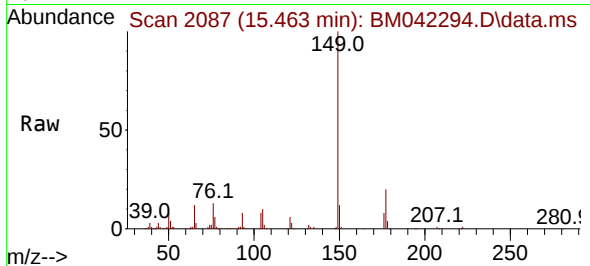
Tgt Ion:232 Resp: 23532
Ion Ratio Lower Upper
232 100
131 59.6 38.2 57.4#
130 2.4 2.2 3.4
166 37.6 26.4 39.6





#59
Diethylphthalate
Concen: 4.472 ng/ul
RT: 15.463 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

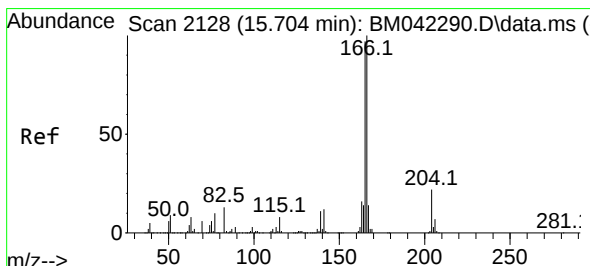
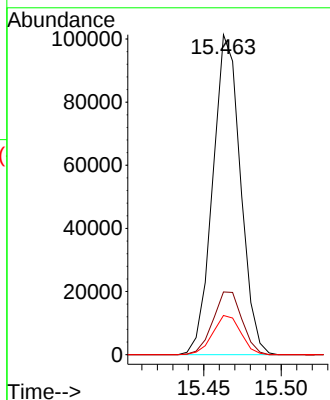
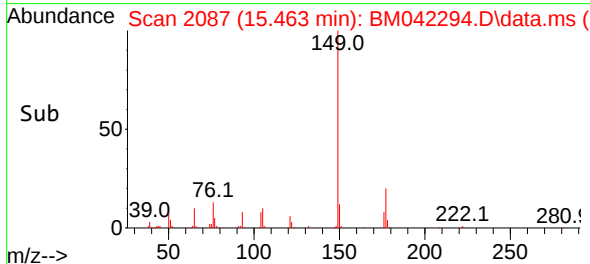
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:149 Resp: 126014
Ion Ratio Lower Upper
149 100
177 19.6 16.6 25.0
150 12.3 9.7 14.5

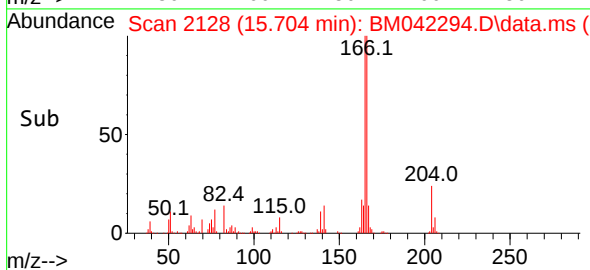
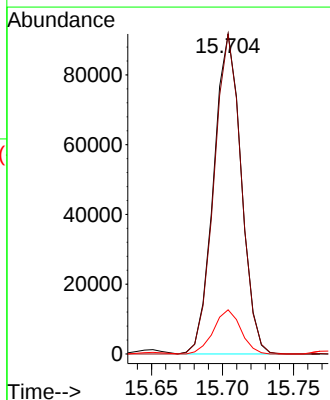
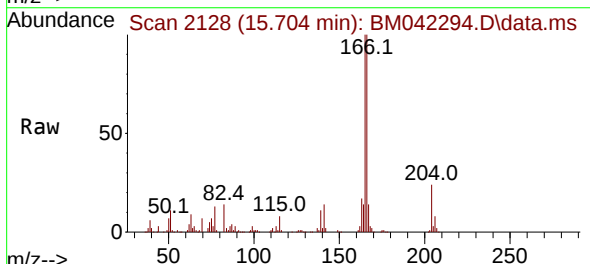
Manual Integrations
APPROVED

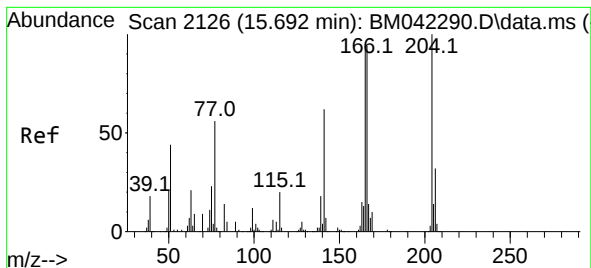
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 4.714 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

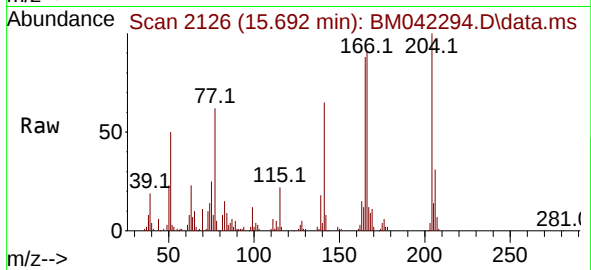
Tgt Ion:166 Resp: 123718
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 13.8 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.538 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

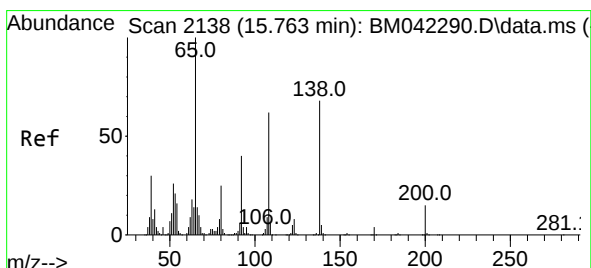
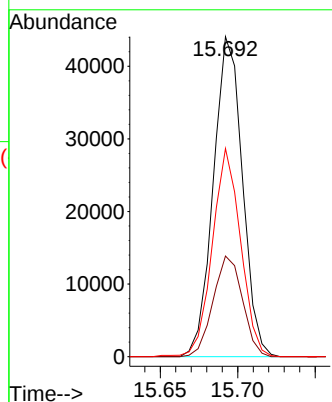
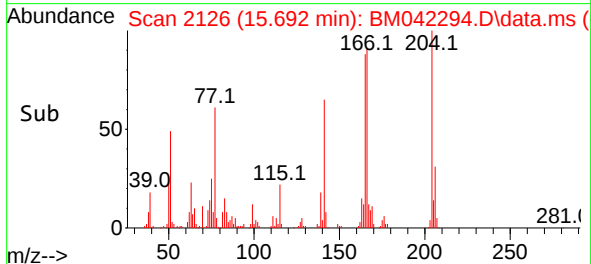
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



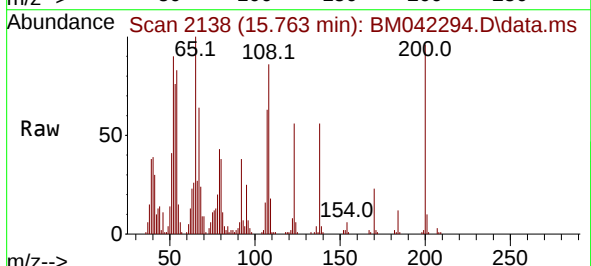
Tgt Ion:204 Resp: 57509
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 65.0 48.5 72.7

Manual Integrations
APPROVED

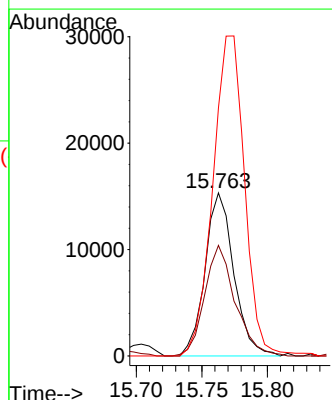
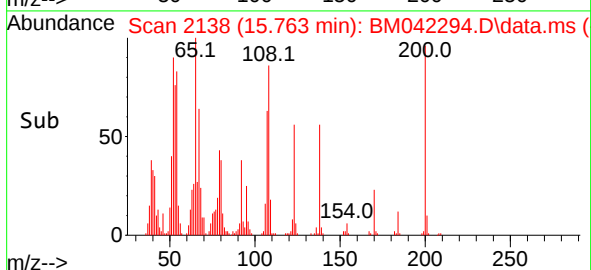
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

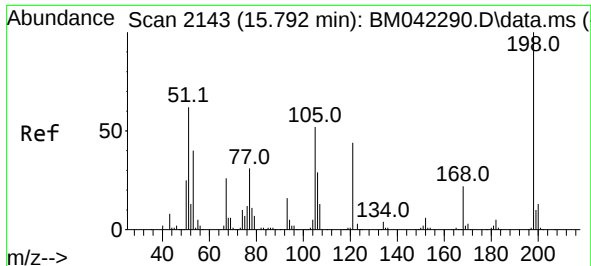


#63
4-Nitroaniline
Concen: 4.448 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



Tgt Ion:138 Resp: 23433
Ion Ratio Lower Upper
138 100
92 67.8 49.5 74.3
108 152.0 72.5 108.7#





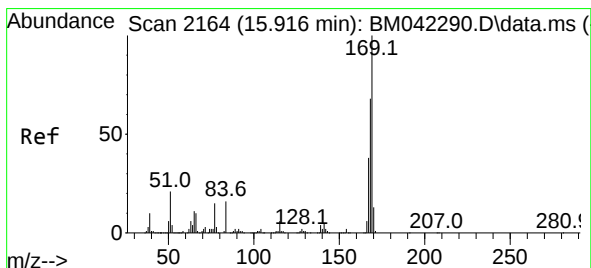
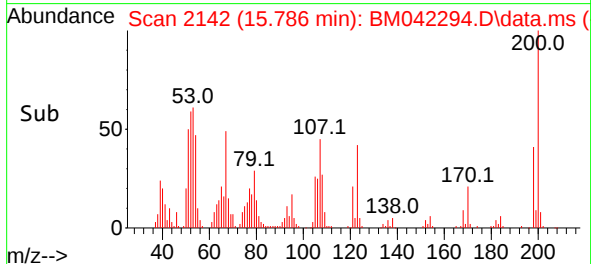
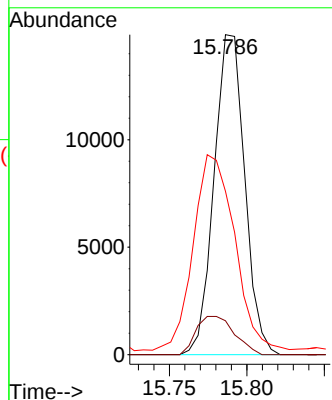
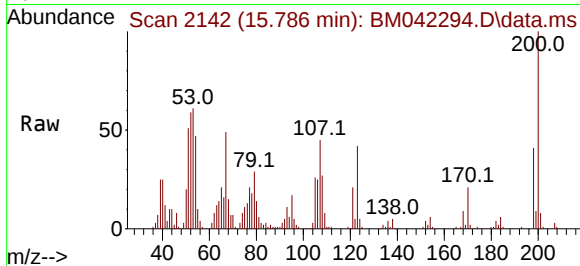
#66
4,6-Dinitro-2-methylphenol
Concen: 4.108 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:198 Resp: 20492
Ion Ratio Lower Upper
198 100
182 10.6 4.2 6.2
77 51.0 27.4 41.0

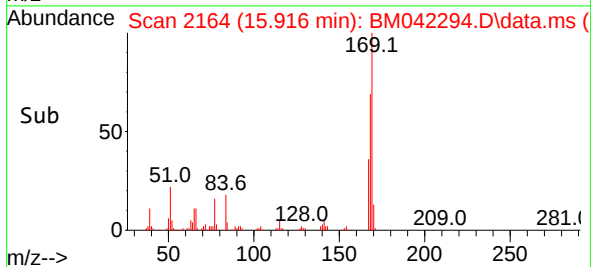
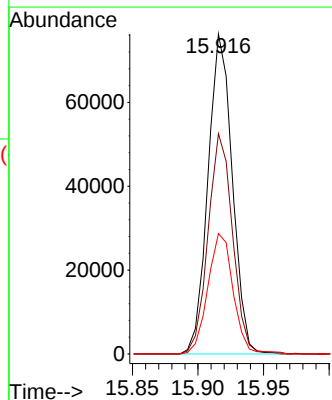
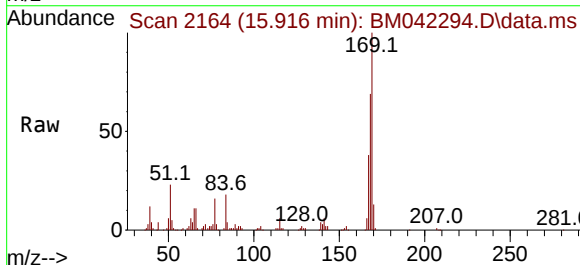
Manual Integrations
APPROVED

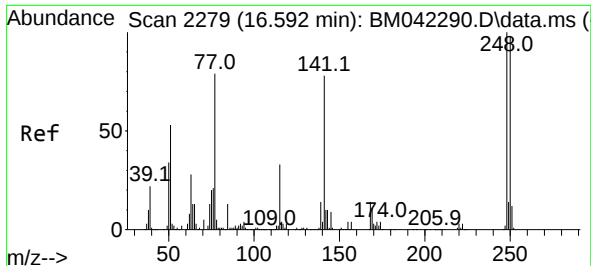
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.546 ng/ul
RT: 15.916 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

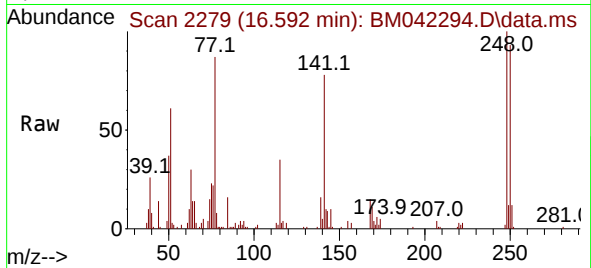
Tgt Ion:169 Resp: 98489
Ion Ratio Lower Upper
169 100
168 68.9 55.8 83.8
167 37.7 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.227 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

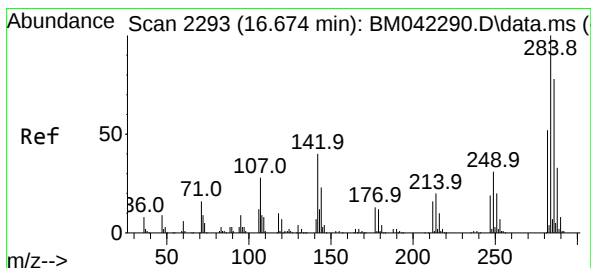
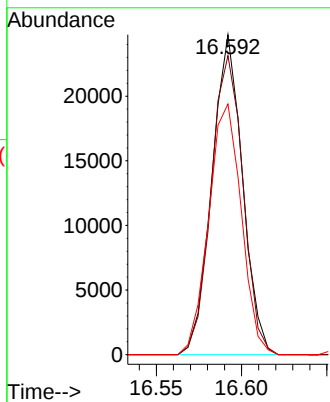
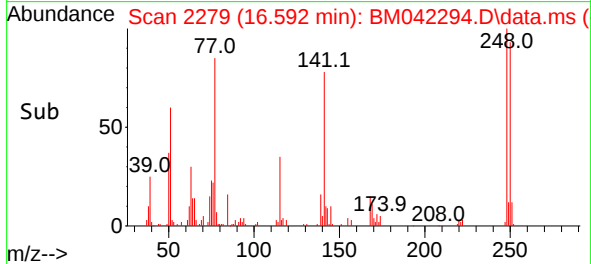
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



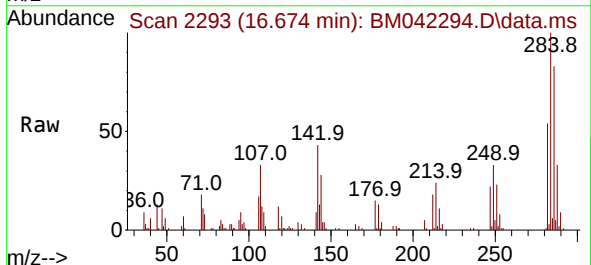
Tgt Ion:248 Resp: 3095
Ion Ratio Lower Upper
248 100
250 93.4 79.4 119.0
141 78.4 66.5 99.7

Manual Integrations
APPROVED

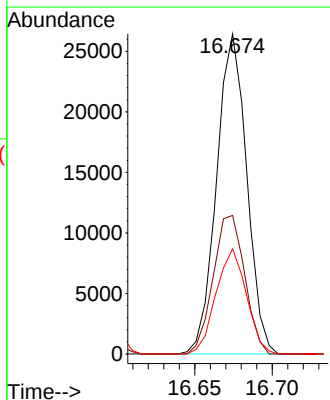
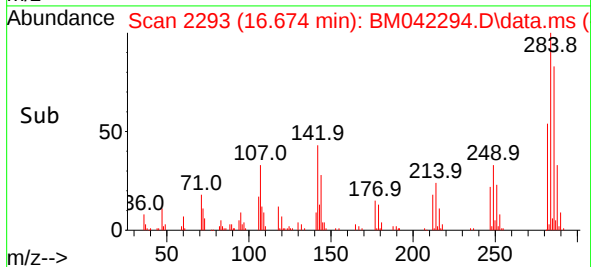
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

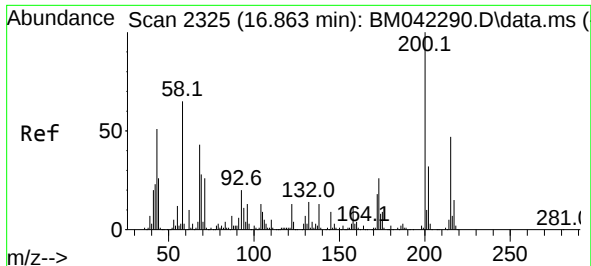


#69
Hexachlorobenzene
Concen: 4.295 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



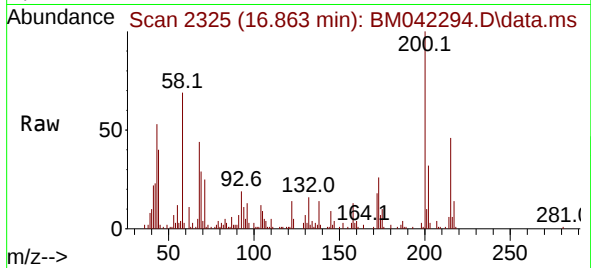
Tgt Ion:284 Resp: 35761
Ion Ratio Lower Upper
284 100
142 43.3 33.8 50.6
249 32.9 25.4 38.0





#70
Atrazine
Concen: 3.853 ng/ul
RT: 16.863 min Scan# 2325
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

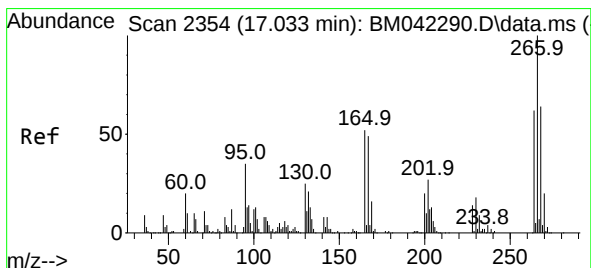
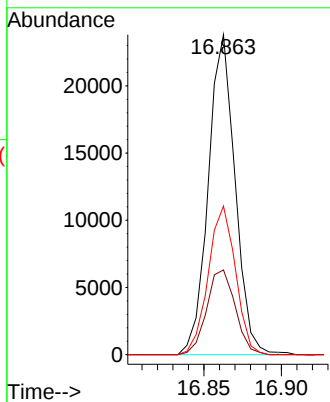
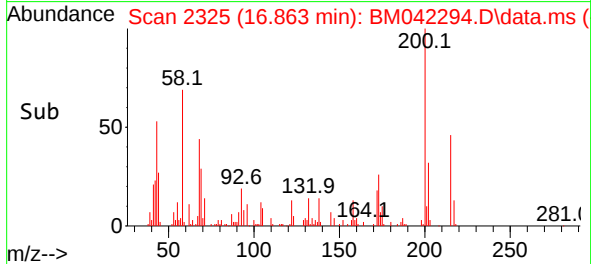
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



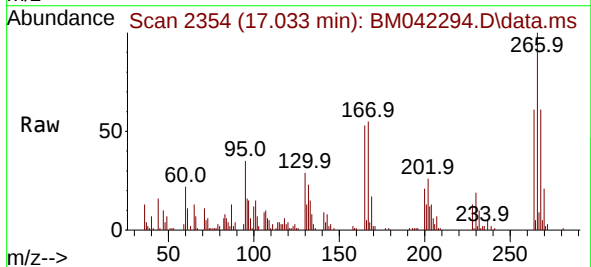
Tgt Ion:200 Resp: 28640
Ion Ratio Lower Upper
200 100
173 26.5 21.0 31.6
215 46.5 36.1 54.1

Manual Integrations
APPROVED

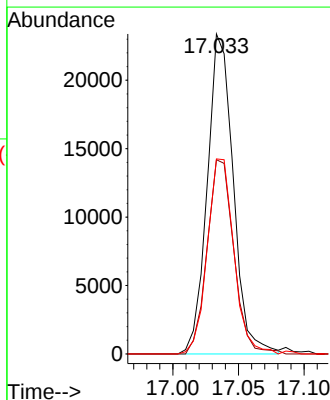
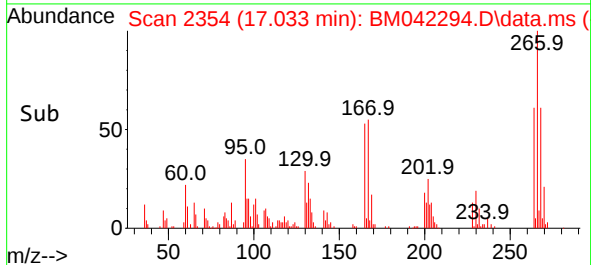
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

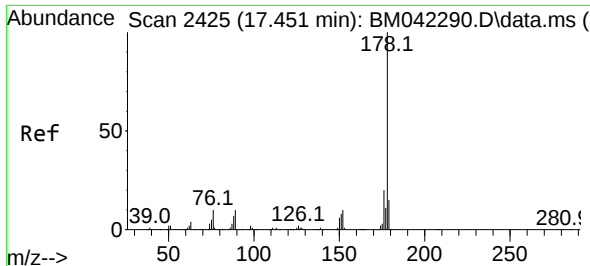


#71
Pentachlorophenol
Concen: 5.726 ng/ul
RT: 17.033 min Scan# 2354
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



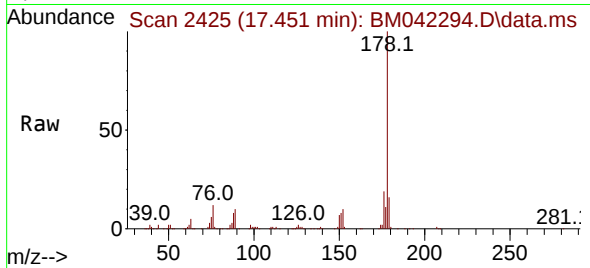
Tgt Ion:266 Resp: 32311
Ion Ratio Lower Upper
266 100
264 60.7 51.2 76.8
268 61.0 52.6 78.8





#72
Phenanthrene
Concen: 4.522 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

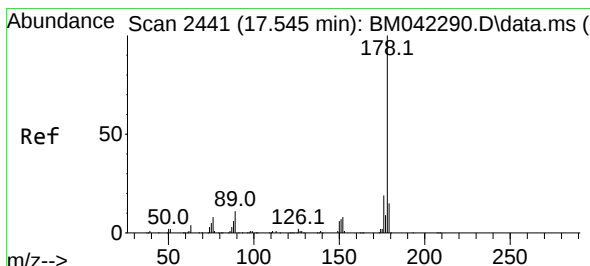
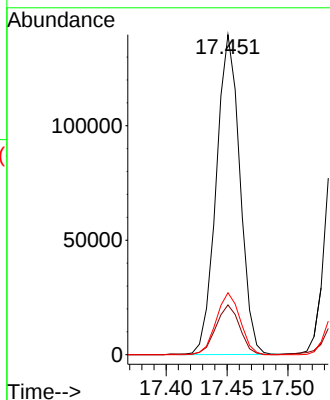
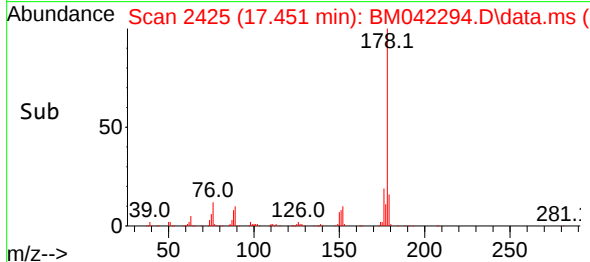
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:178 Resp: 188892
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.4 15.8 23.8

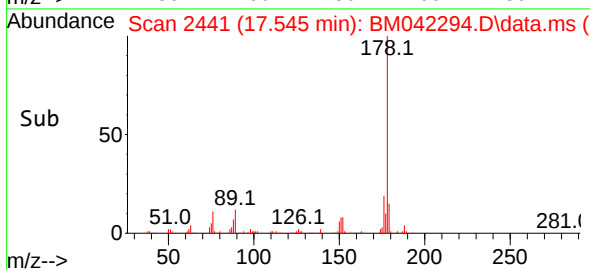
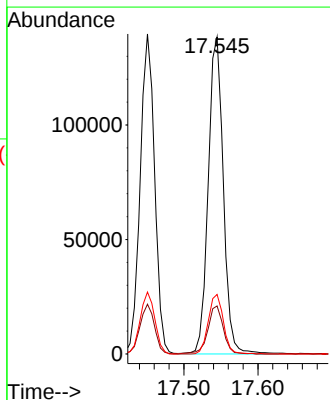
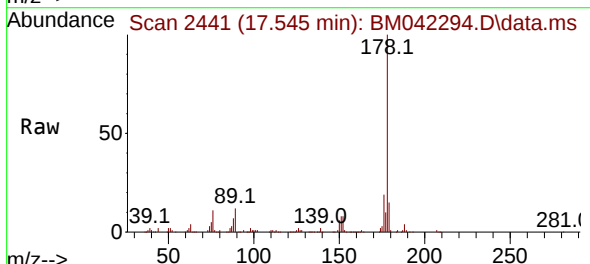
Manual Integrations
APPROVED

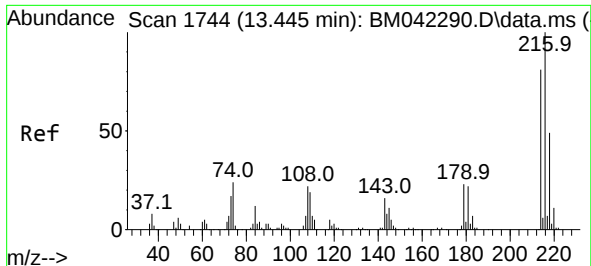
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.663 ng/ul
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

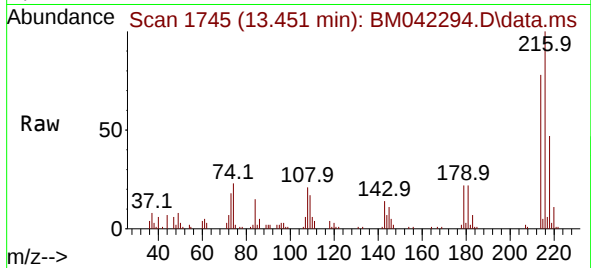
Tgt Ion:178 Resp: 195890
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.8 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.365 ng/uL
RT: 13.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

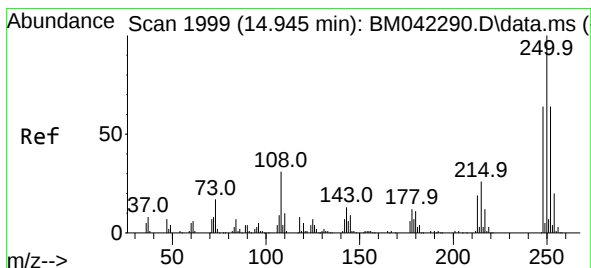
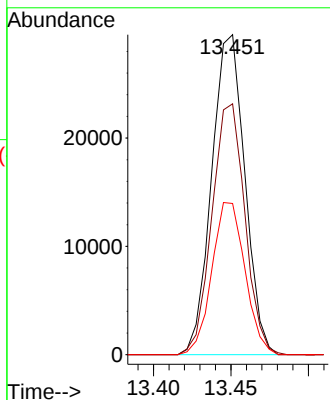
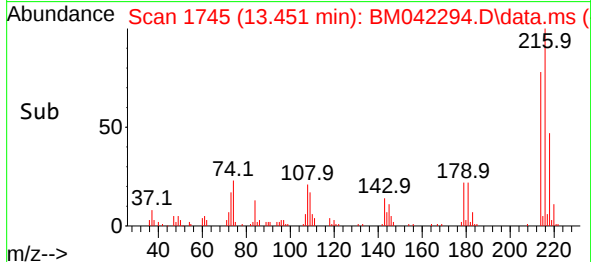
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



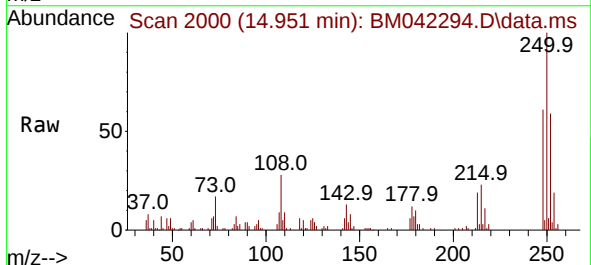
Tgt Ion:216 Resp: 44030
Ion Ratio Lower Upper
216 100
214 78.4 62.0 93.0
218 47.3 38.8 58.2

Manual Integrations
APPROVED

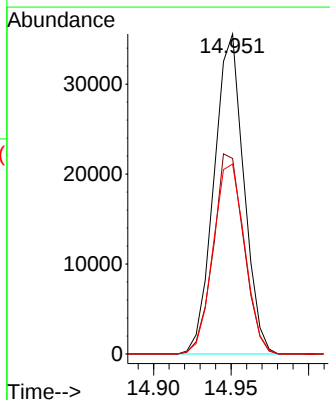
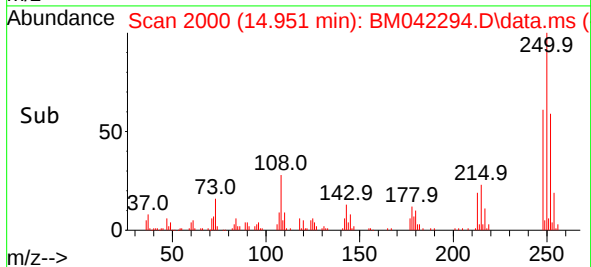
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

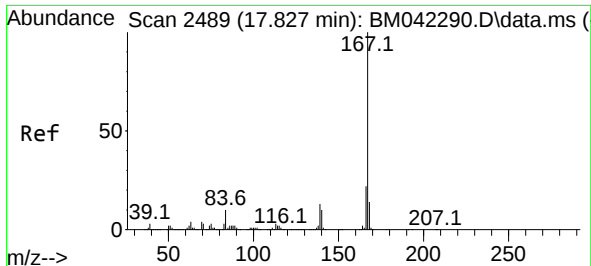


#76
Pentachlorobenzene
Concen: 4.800 ng/uL
RT: 14.951 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



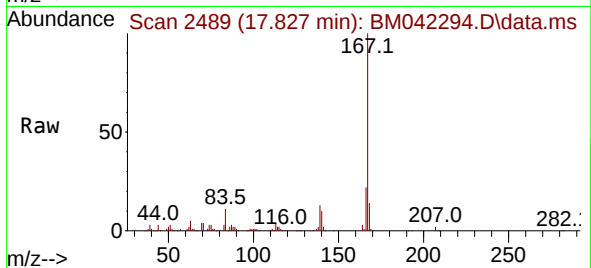
Tgt Ion:250 Resp: 47553
Ion Ratio Lower Upper
250 100
248 61.1 51.1 76.7
252 59.3 52.9 79.3





#77
 Carbazole
 Concen: 4.316 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BM042294.D
 Acq: 16 Oct 2023 12:09

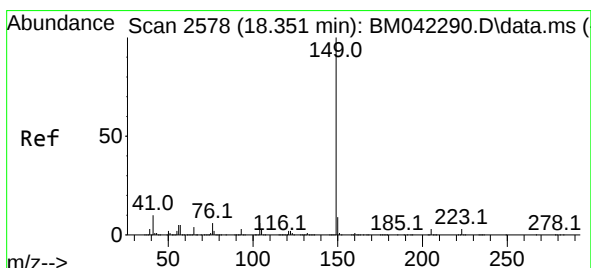
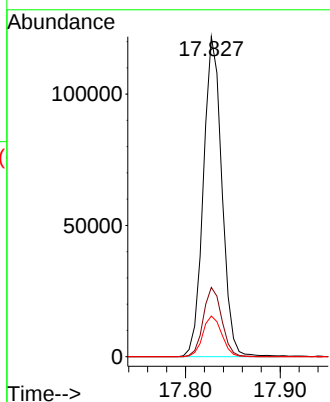
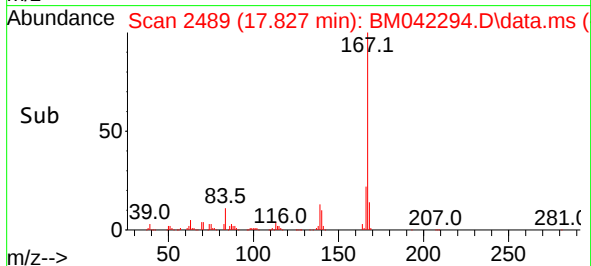
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04



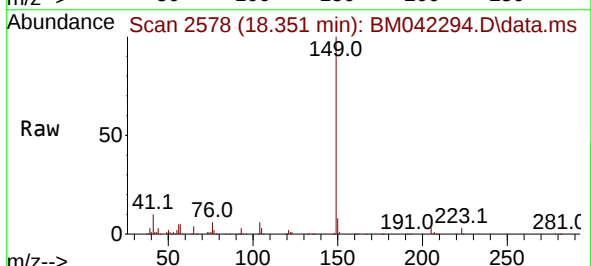
Tgt Ion:167 Resp: 165168
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.7 10.6 16.0

Manual Integrations
 APPROVED

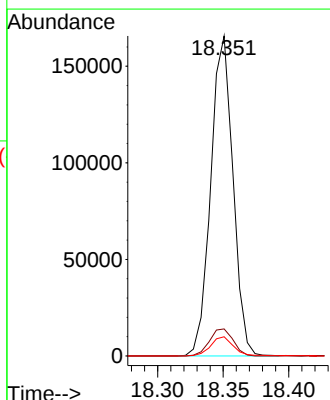
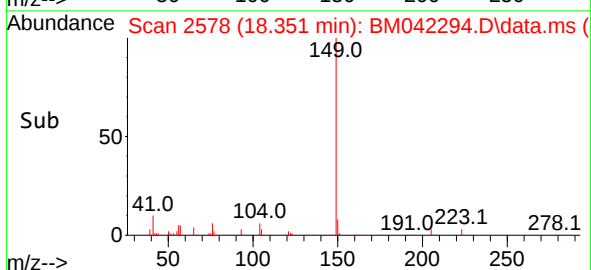
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

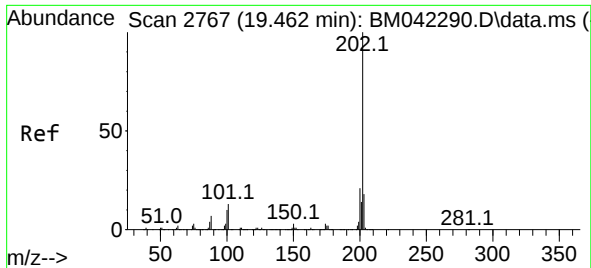


#78
 Di-n-butylphthalate
 Concen: 4.031 ng/ul
 RT: 18.351 min Scan# 2578
 Delta R.T. 0.000 min
 Lab File: BM042294.D
 Acq: 16 Oct 2023 12:09



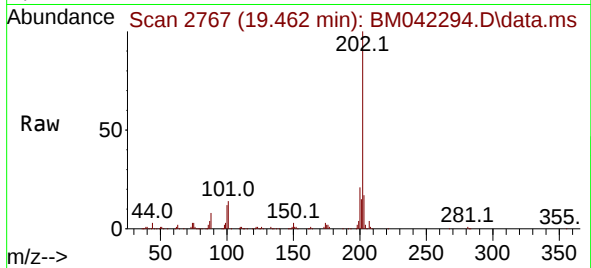
Tgt Ion:149 Resp: 195266
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.2 10.8
 104 6.0 4.6 6.8





#80
Fluoranthene
Concen: 4.336 ng/u1
RT: 19.462 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

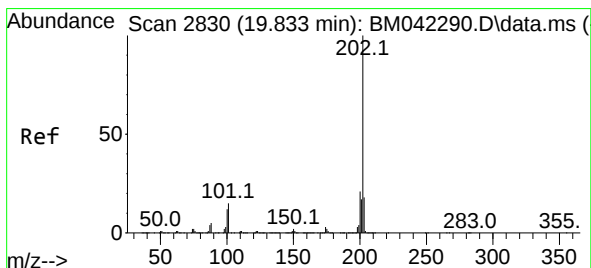
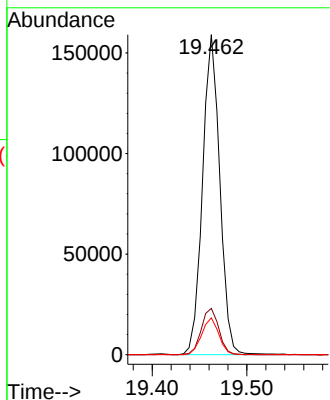
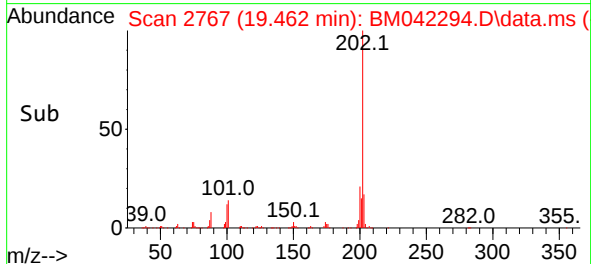
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:202 Resp: 201520
Ion Ratio Lower Upper
202 100
101 14.5 10.8 16.2
100 11.5 8.3 12.5

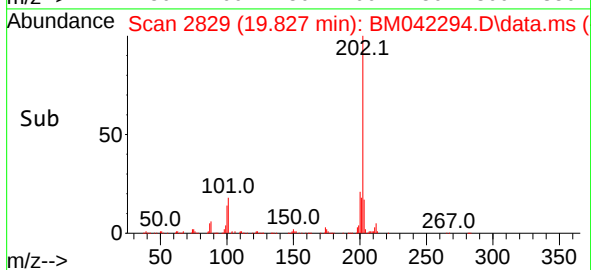
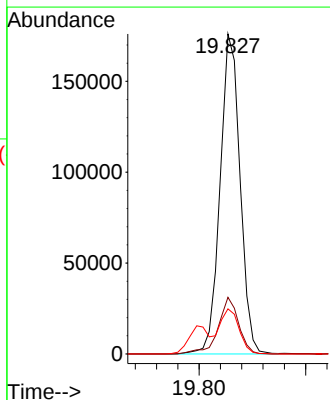
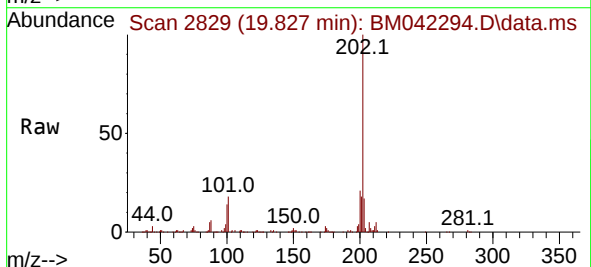
Manual Integrations
APPROVED

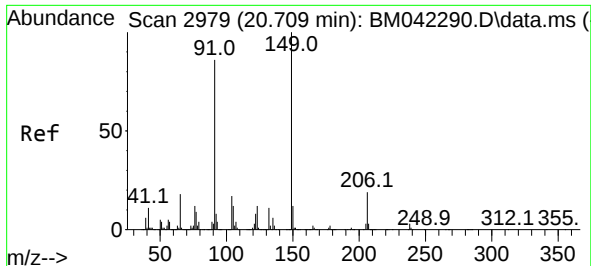
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.681 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

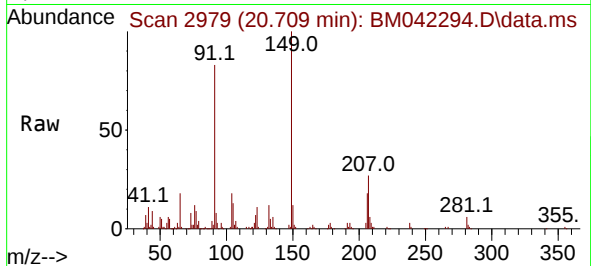
Tgt Ion:202 Resp: 228701
Ion Ratio Lower Upper
202 100
101 17.7 11.9 17.9
100 14.1 9.9 14.9





#83
Butylbenzylphthalate
Concen: 3.692 ng/ul
RT: 20.709 min Scan# 2979
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

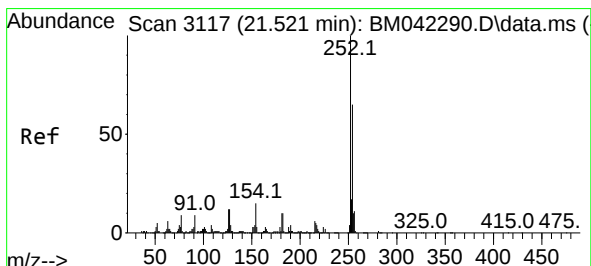
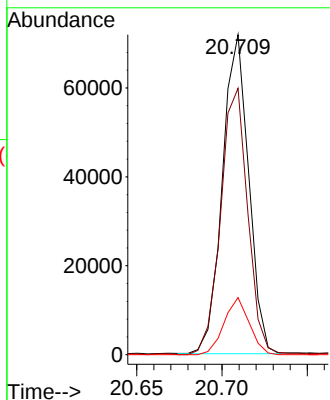
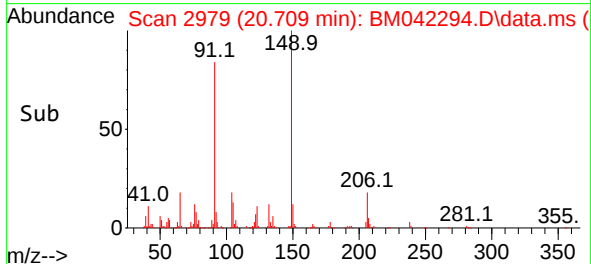
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



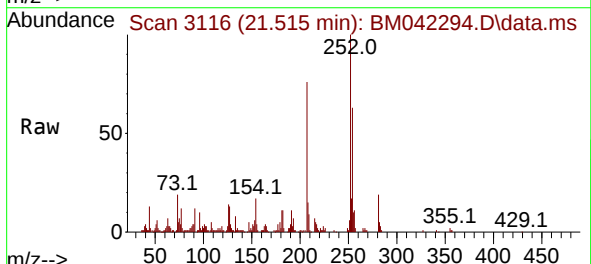
Tgt Ion:149 Resp: 76892
Ion Ratio Lower Upper
149 100
91 83.2 67.1 100.7
206 17.8 14.2 21.2

Manual Integrations
APPROVED

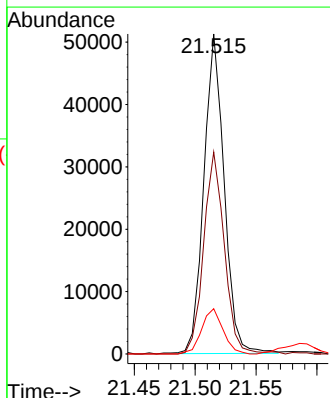
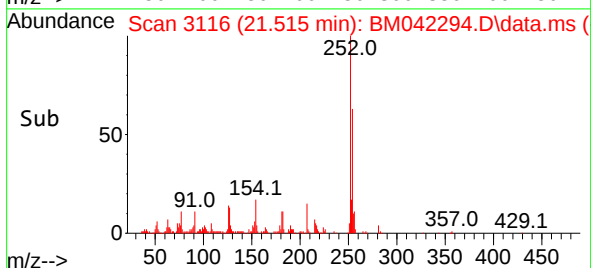
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

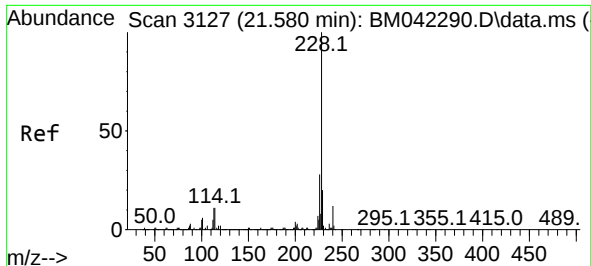


#84
3,3'-Dichlorobenzidine
Concen: 3.859 ng/ul
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09



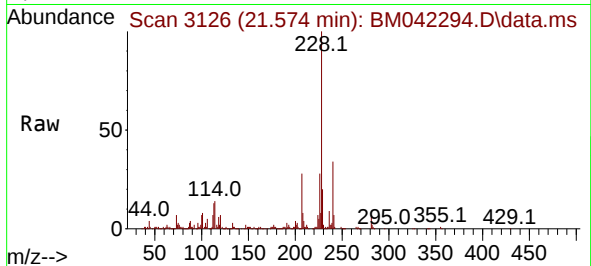
Tgt Ion:252 Resp: 59359
Ion Ratio Lower Upper
252 100
254 63.1 52.5 78.7
126 14.2 10.4 15.6





#85
Benzo(a)anthracene
Concen: 4.287 ng/ul
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

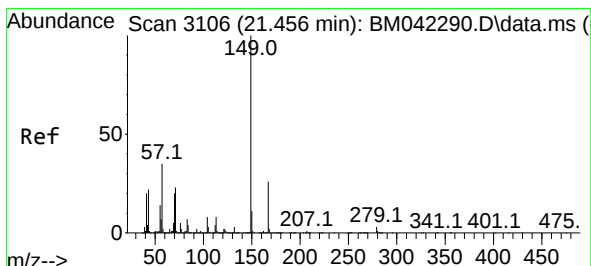
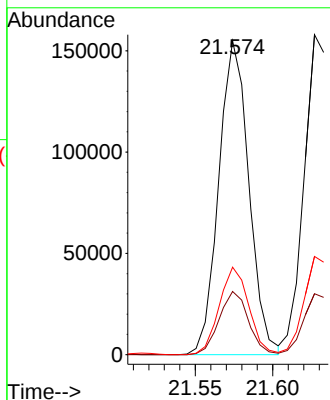
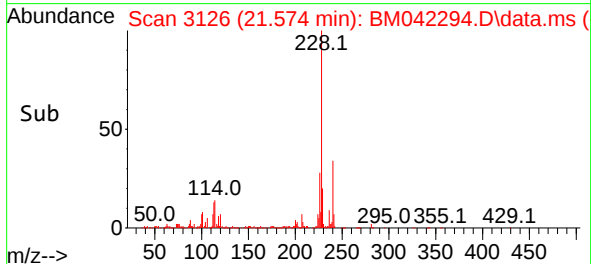
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:228 Resp: 209418
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.9 22.2 33.4

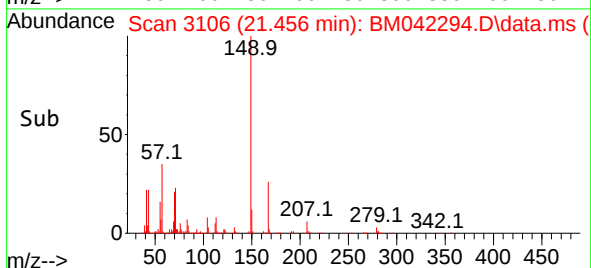
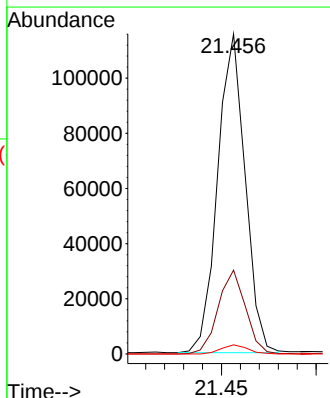
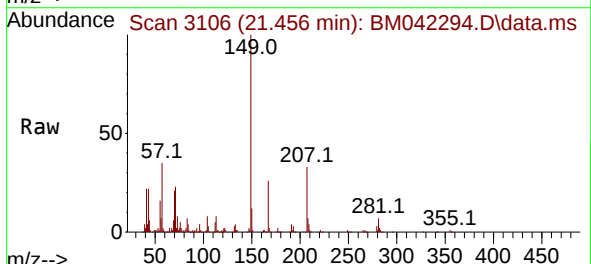
Manual Integrations
APPROVED

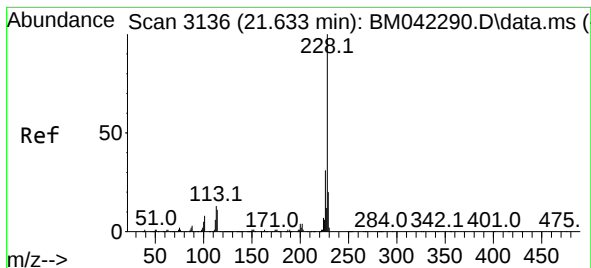
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.789 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:149 Resp: 116584
Ion Ratio Lower Upper
149 100
167 26.2 21.1 31.7
279 2.9 2.4 3.6





#87

Chrysene

Concen: 4.439 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

Tgt Ion:228 Resp: 19941

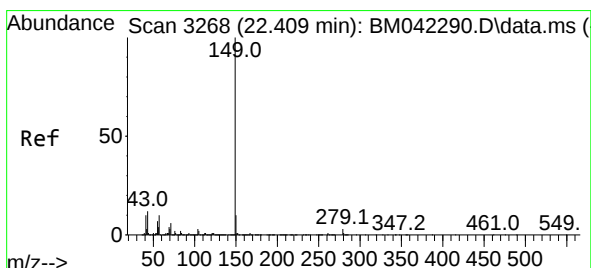
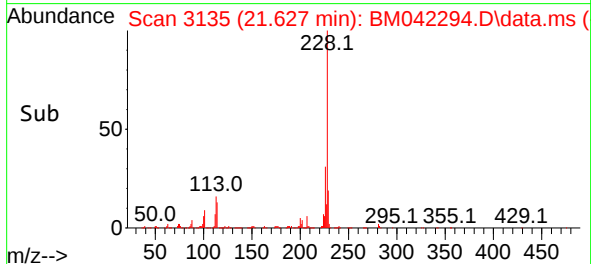
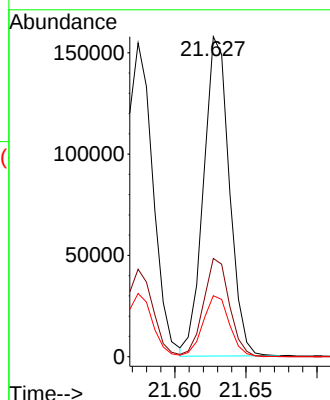
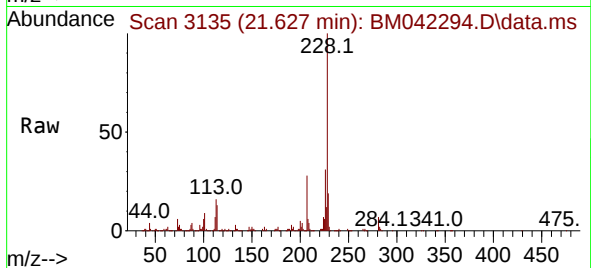
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.581 ng/ul

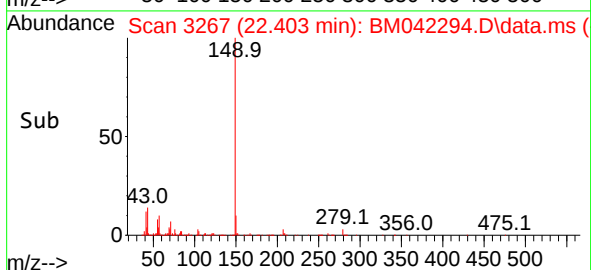
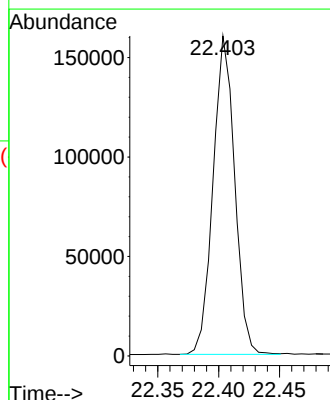
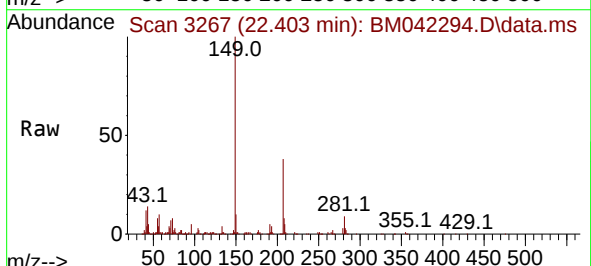
RT: 22.403 min Scan# 3267

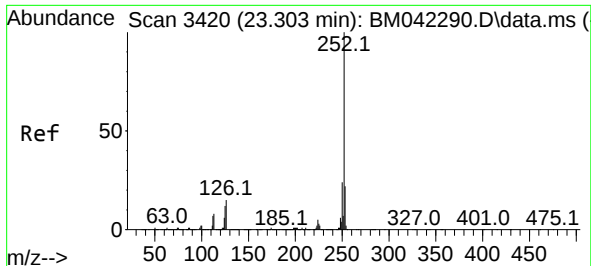
Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

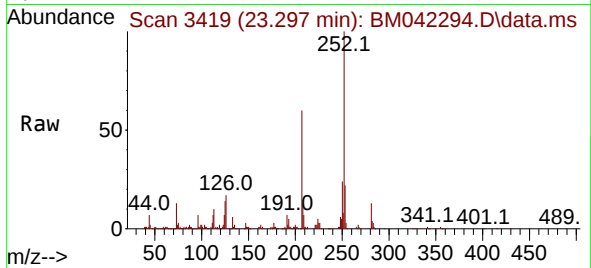
Tgt Ion:149 Resp: 197855





#90
Benzo(b)fluoranthene
Concen: 4.306 ng/ul
RT: 23.297 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

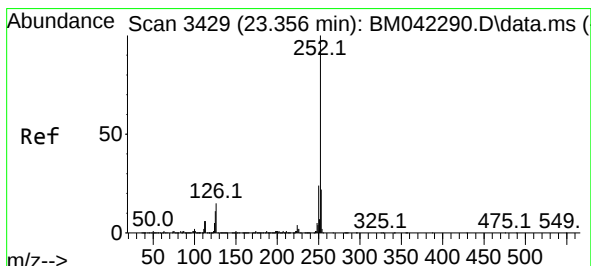
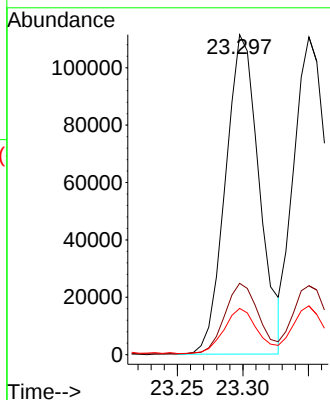
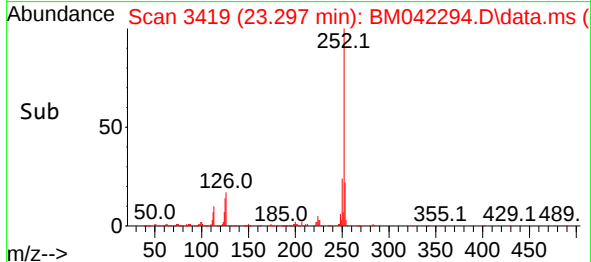
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:252 Resp: 20014
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 14.5 9.4 14.2

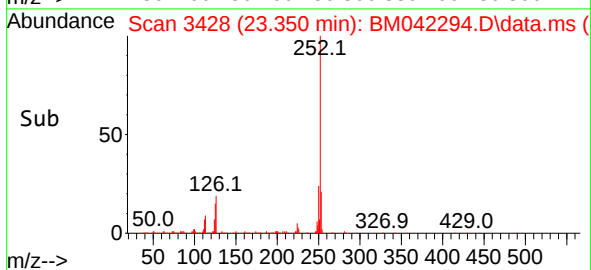
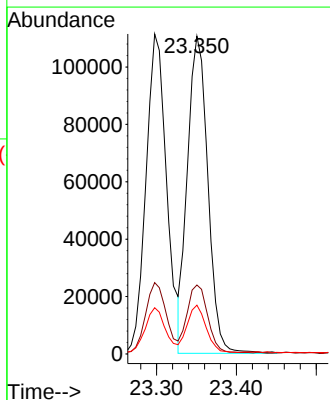
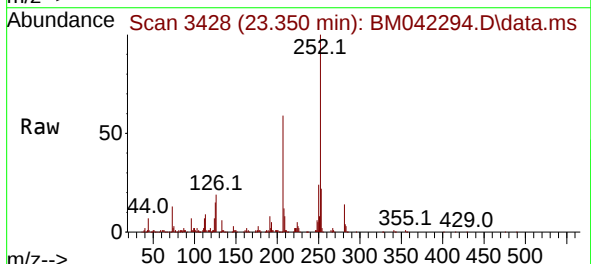
Manual Integrations
APPROVED

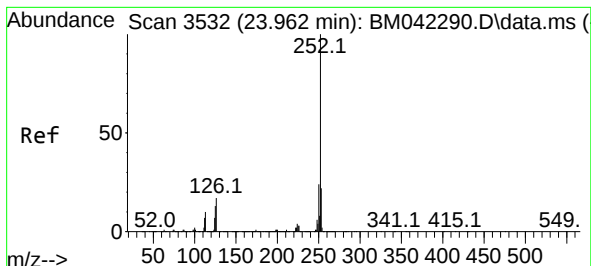
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.273 ng/ul m
RT: 23.350 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM042294.D
Acq: 16 Oct 2023 12:09

Tgt Ion:252 Resp: 196405
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 15.3 9.8 14.6





#93

Benzo(a)pyrene

Concen: 4.162 ng/ul

RT: 23.956 min Scan# 3532

Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

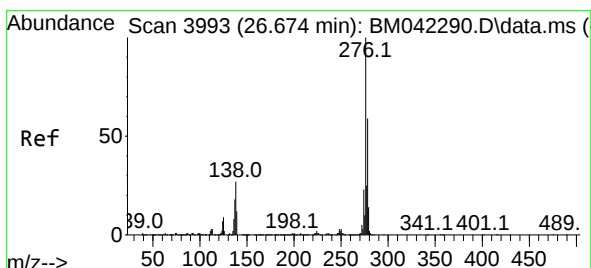
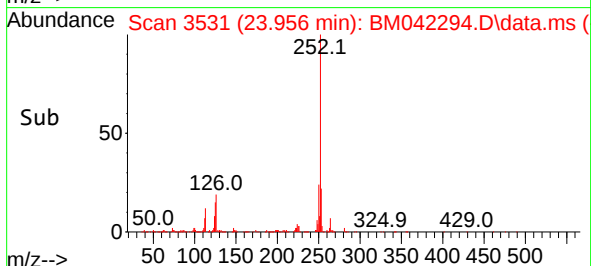
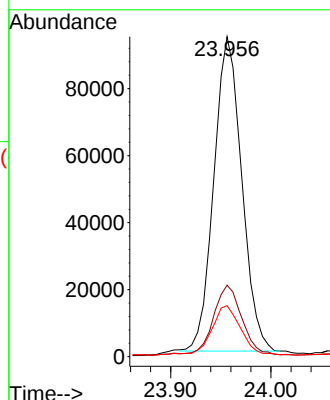
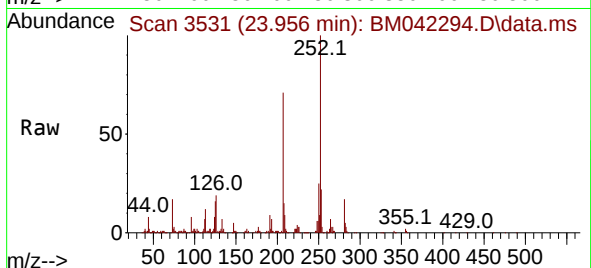
Tgt Ion:	252	Resp:	181010
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	15.9	10.8	16.2

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: 4.016 ng/ul

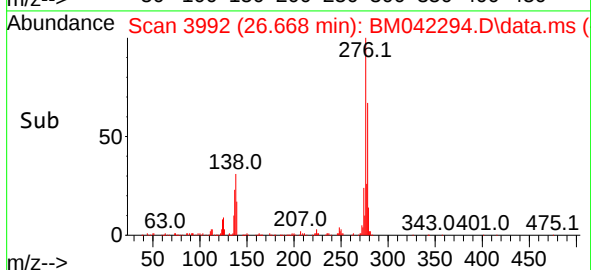
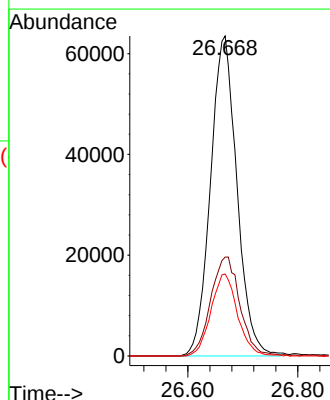
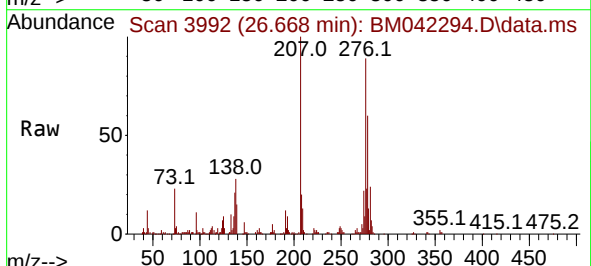
RT: 26.668 min Scan# 3992

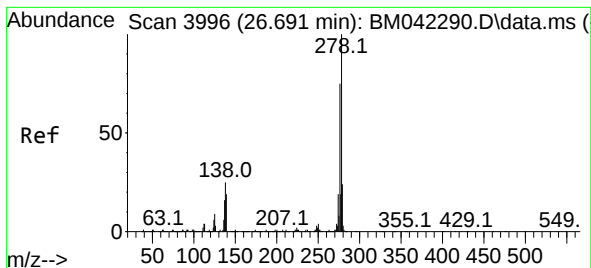
Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Tgt Ion:	276	Resp:	212135
Ion Ratio	Lower	Upper	
276	100		
138	30.9	22.8	34.2
277	25.6	20.0	30.0





#95

Dibenzo(a,h)anthracene

Concen: 4.017 ng/ul

RT: 26.685 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

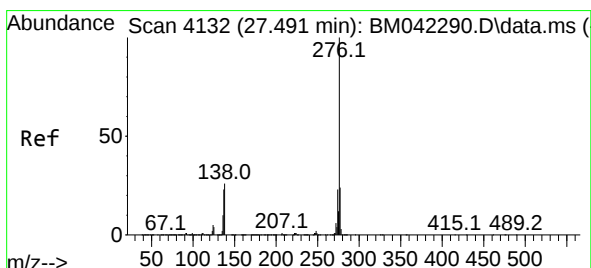
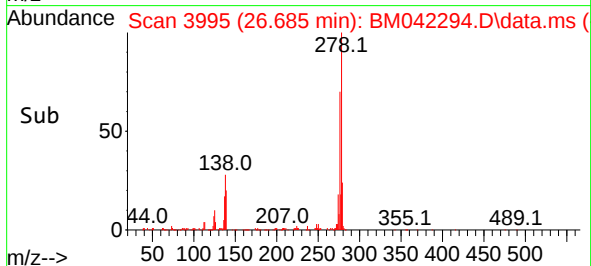
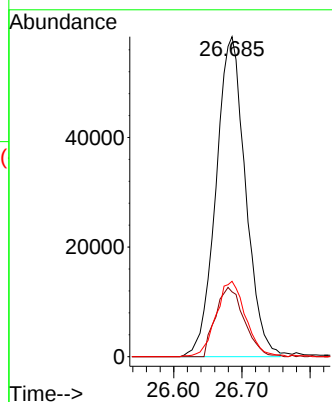
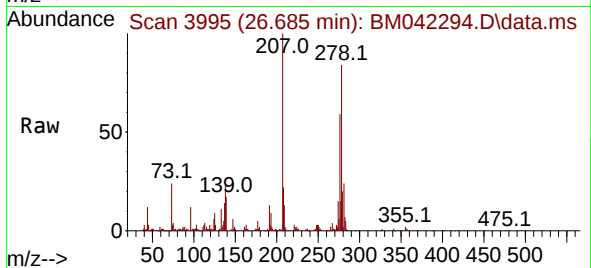
Tgt Ion:	278	Resp:	176009
Ion Ratio	Lower	Upper	
278	100		
139	20.3	15.8	23.8
279	23.5	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.066 ng/ul

RT: 27.474 min Scan# 4129

Delta R.T. -0.017 min

Lab File: BM042294.D

Acq: 16 Oct 2023 12:09

Tgt Ion:	276	Resp:	168006
Ion Ratio	Lower	Upper	
276	100		
138	30.1	22.1	33.1
277	25.0	19.4	29.0

