

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047477.D
 Acq On : 11 Sep 2024 11:51
 Operator : RC/JU
 Sample : P3391-03
 Misc : SFAM-MDL-Q3-WATER-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Quant Time: Sep 11 12:47:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	433794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1956736	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1216177	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2482034	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	2117573	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	1886580	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	54837	5.098	ng/uL	0.00
4) Pyridine-d5	3.710	84	809717	23.563	ng/u1	0.00
7) Phenol-d5	7.022	99	880012	21.642	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	581020	22.956	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	693253	22.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	642776	20.111	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	357987	23.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	329708	23.096	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	614887	21.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	953501	20.071	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2001531	22.391	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2376141	22.028	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	368686	20.816	ng/u1	0.00
60) Fluorene-d10	15.486	176	1778896	23.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	236431	18.019	ng/u1	0.00
73) Anthracene-d10	17.333	188	2290264	19.162	ng/u1	0.00
81) Pyrene-d10	19.615	212	2897987	23.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	2356414	23.505	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	12645	1.089	ng/uL#	89
5) Pyridine	3.734	79	147302	4.152	ng/u1#	84
6) Benzaldehyde	7.004	77	111492m	5.180	ng/u1	
8) Phenol	7.046	94	161299	3.853	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	142160	4.295	ng/u1	98
12) 2-Chlorophenol	7.434	128	131840	4.110	ng/u1	98
13) 2-Methylphenol	8.304	108	103750	3.293	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	211009	4.350	ng/u1	98
16) Acetophenone	8.687	105	212924	4.140	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.675	70	114954	4.211	ng/u1	95
18) 4-Methylphenol	8.628	108	121417	3.529	ng/u1	100
19) Hexachloroethane	8.957	117	59454	4.314	ng/u1	98
22) Nitrobenzene	9.063	77	163570	4.332	ng/u1	100
23) Isophorone	9.592	82	303433	4.030	ng/u1	98
25) 2-Nitrophenol	9.775	139	67731	4.104	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	51218	1.443	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.075	93	192198	4.218	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	114181	3.880	ng/u1	97
30) Naphthalene	10.716	128	450540	4.179	ng/u1	99
32) 4-Chloroaniline	10.816	127	176772	3.782	ng/u1	99
33) Hexachlorobutadiene	11.016	225	73658	4.196	ng/u1	98
34) Caprolactam	11.586	113	37781m	3.333	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	115987	3.500	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	292468	3.947	ng/u1	98

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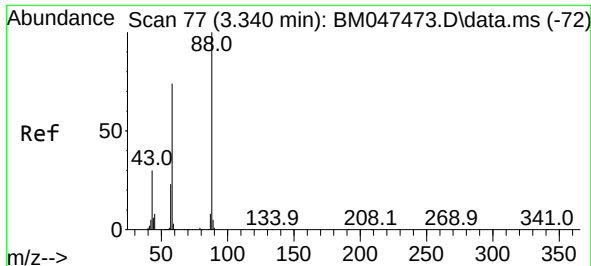
Quant Time: Sep 11 12:47:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

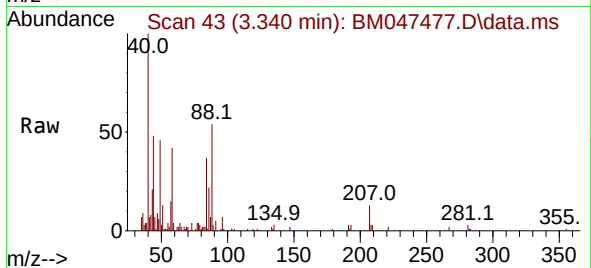
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	300045	4.007	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.692	216	138425	3.834	ng/ul	95
40) Hexachlorocyclopentadiene	12.680	237	106325	4.283	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	75194	3.394	ng/ul	98
42) 2,4,5-Trichlorophenol	12.992	196	84473	3.508	ng/ul	92
43) 1,1'-Biphenyl	13.333	154	381265	3.977	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	296867	4.038	ng/ul	99
45) 2-Nitroaniline	13.563	65	80664	3.772	ng/ul	95
47) Dimethylphthalate	13.951	163	374860	4.129	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	61328	3.701	ng/ul	94
50) Acenaphthylene	14.222	152	499745	4.286	ng/ul	99
51) 3-Nitroaniline	14.386	138	63314	3.273	ng/ul	97
52) Acenaphthene	14.563	153	335117	4.045	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	48089	5.275	ng/ul	91
55) 4-Nitrophenol	14.680	109	61628	4.133	ng/ul	95
56) Dibenzofuran	14.898	168	436294	4.052	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	91303	3.827	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.116	232	64564	3.484	ng/ul	93
59) Diethylphthalate	15.316	149	379356	3.949	ng/ul	99
61) Fluorene	15.545	166	376147	4.003	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	174465	4.010	ng/ul	96
63) 4-Nitroaniline	15.539	138	66348	3.466	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.604	198	52927	3.569	ng/ul#	88
67) N-Nitrosodiphenylamine	15.745	169	288481	3.739	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	98043	3.818	ng/ul	97
69) Hexachlorobenzene	16.545	284	113185	3.858	ng/ul	97
70) Atrazine	16.692	200	96378	3.556	ng/ul	97
71) Pentachlorophenol	16.880	266	92856	5.029	ng/ul	98
72) Phenanthrene	17.274	178	556538	3.930	ng/ul	99
74) Anthracene	17.368	178	486554	3.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	133385	3.696	ng/uL	99
76) Pentachlorobenzene	14.816	250	141656	3.974	ng/uL	98
77) Carbazole	17.627	167	481926	3.676	ng/ul	100
78) Di-n-butylphthalate	18.210	149	624583	3.696	ng/ul	99
80) Fluoranthene	19.280	202	576194	3.961	ng/ul	98
82) Pyrene	19.645	202	645465	4.163	ng/ul	99
83) Butylbenzylphthalate	20.545	149	241369	3.410	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.362	252	135392	2.704	ng/ul	99
85) Benzo(a)anthracene	21.445	228	587448	3.884	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	369141	3.440	ng/ul	99
87) Chrysene	21.503	228	544420	3.901	ng/ul	99
89) Di-n-octyl phthalate	22.545	149	548704	3.641	ng/ul	100
90) Benzo(b)fluoranthene	23.544	252	503218	4.155	ng/ul	98
91) Benzo(k)fluoranthene	23.609	252	507294	4.265	ng/ul	98
93) Benzo(a)pyrene	24.368	252	465241	4.182	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.956	276	468331	3.433	ng/ul	98
95) Dibenzo(a,h)anthracene	28.015	278	393041	3.538	ng/ul	96
96) Benzo(g,h,i)perylene	29.015	276	372605	3.575	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.089 ng/uL
RT: 3.340 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

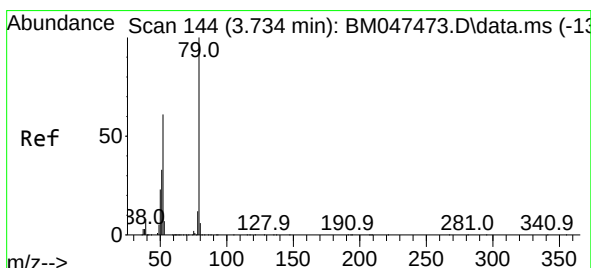
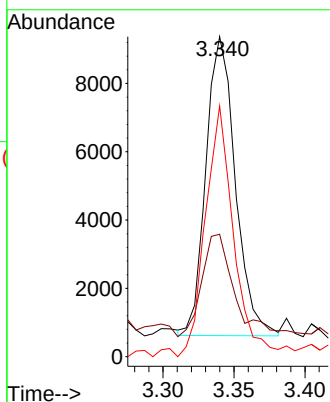
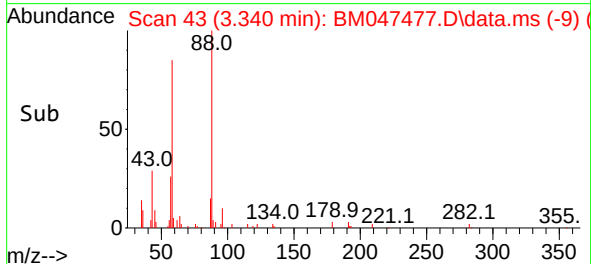
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 88 Resp: 12645
Ion Ratio Lower Upper
88 100
43 38.2 24.1 36.1
58 78.3 57.0 85.4

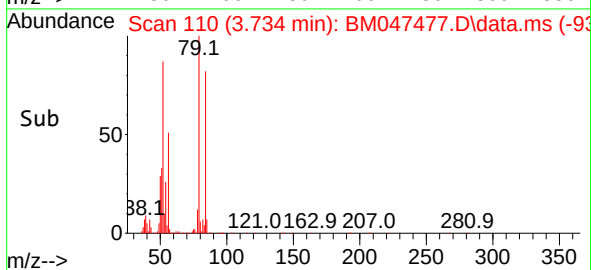
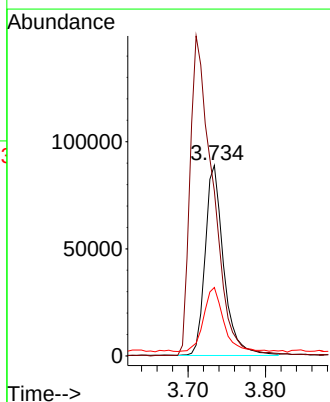
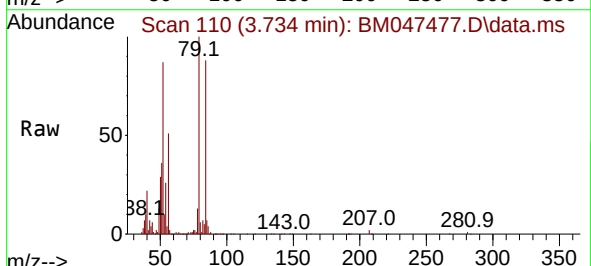
Manual Integrations
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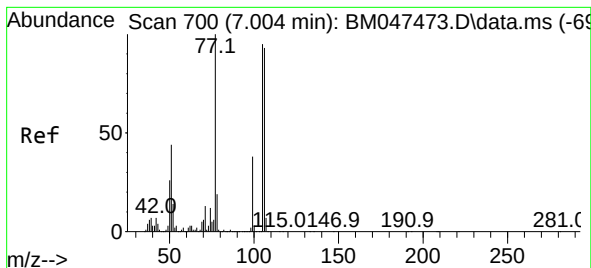
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#5
Pyridine
Concen: 4.152 ng/uL
RT: 3.734 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

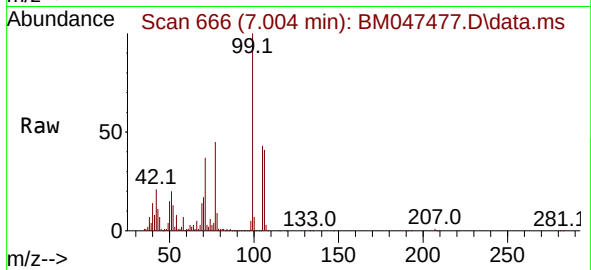
Tgt Ion: 79 Resp: 147302
Ion Ratio Lower Upper
79 100
52 86.5 55.6 83.4
51 35.9 26.6 39.8





#6
Benzaldehyde
Concen: 5.180 ng/ul m
RT: 7.004 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

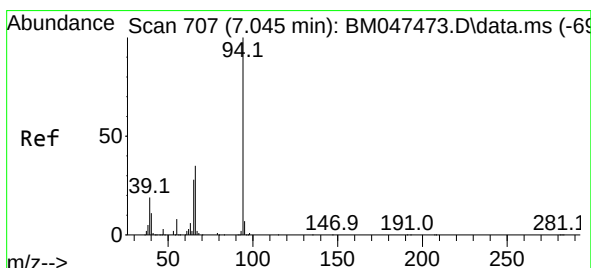
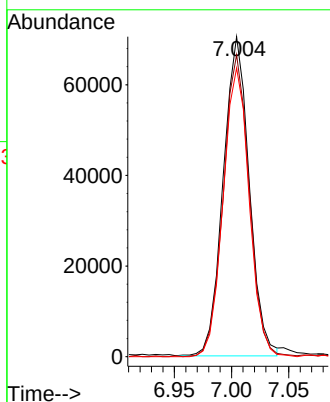
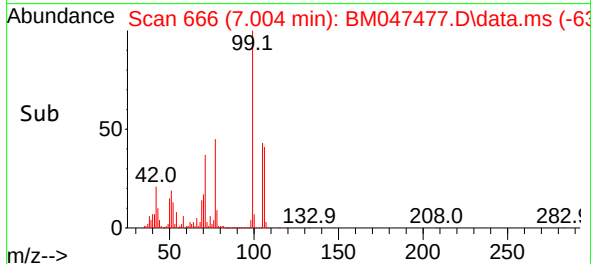
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 77 Resp: 111492
Ion Ratio Lower Upper
77 100
105 94.4 75.6 113.4
106 90.2 72.1 108.1

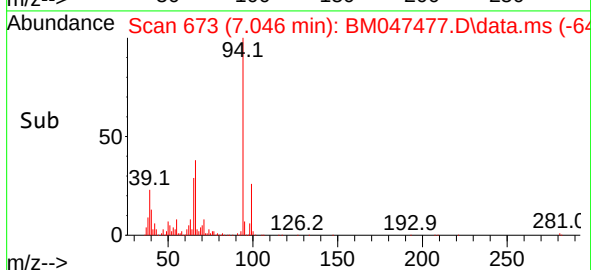
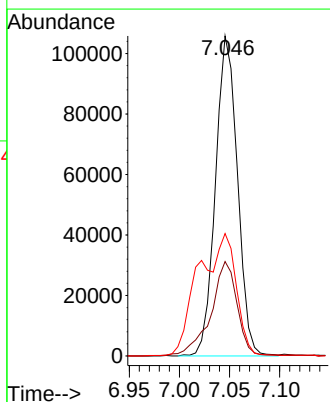
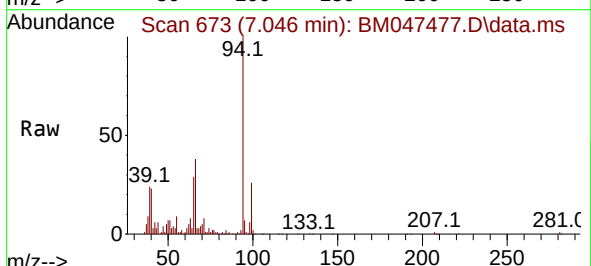
Manual Integrations
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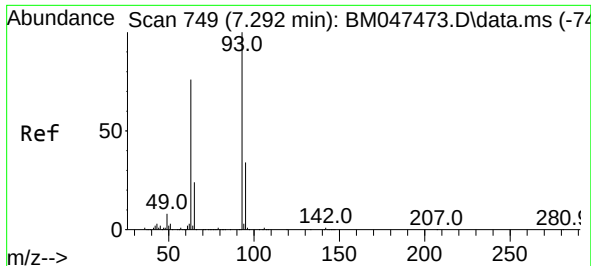
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#8
Phenol
Concen: 3.853 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion: 94 Resp: 161299
Ion Ratio Lower Upper
94 100
65 29.5 22.2 33.2
66 38.2 28.7 43.1





#10

Bis(2-Chloroethyl)ether

Concen: 4.295 ng/ul

RT: 7.293 min Scan# 715

Delta R.T. -0.000 min

Lab File: BM047477.D

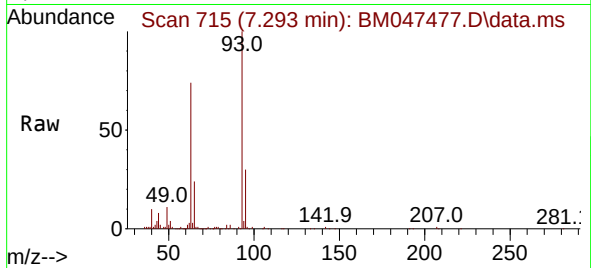
Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion: 93 Resp: 142160

Ion Ratio Lower Upper

93 100

63 74.3 60.9 91.3

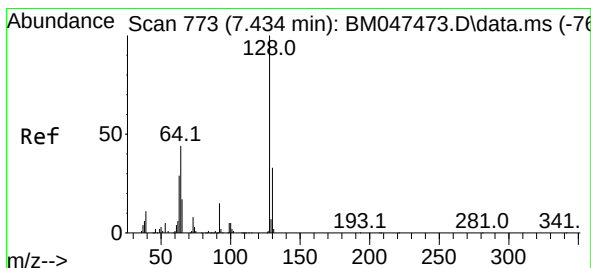
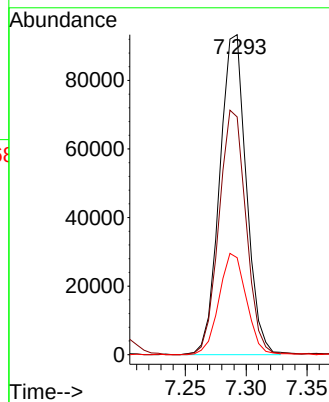
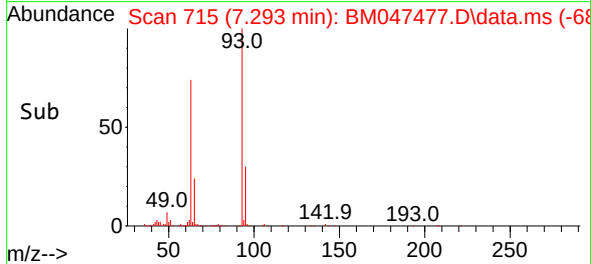
95 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024



#12

2-Chlorophenol

Concen: 4.110 ng/ul

RT: 7.434 min Scan# 739

Delta R.T. -0.000 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

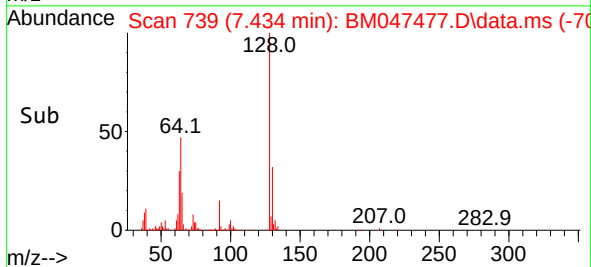
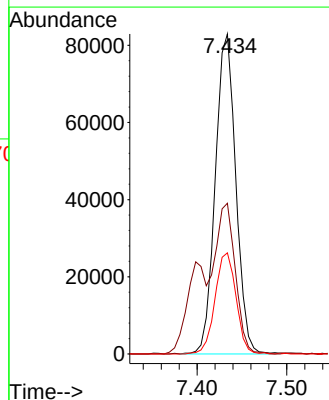
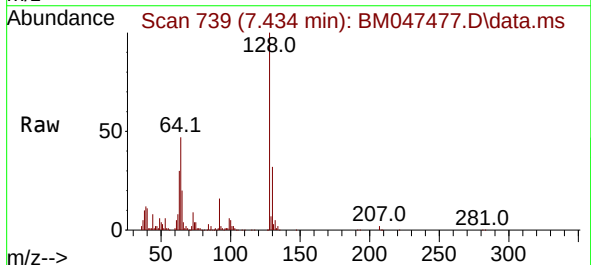
Tgt Ion:128 Resp: 131840

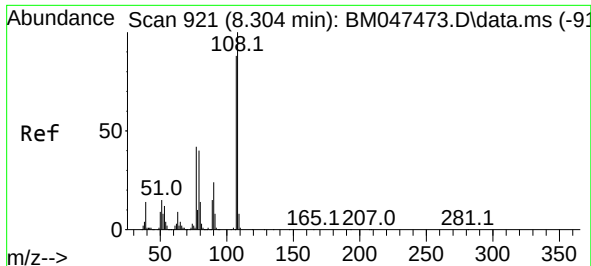
Ion Ratio Lower Upper

128 100

64 47.1 36.7 55.1

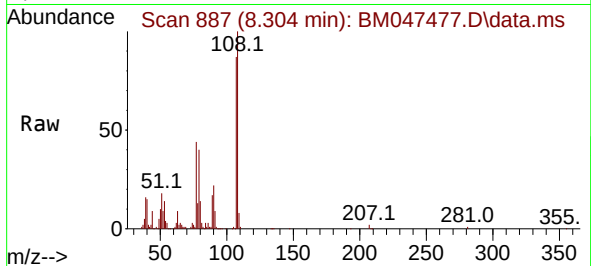
130 31.6 25.9 38.9





#13
2-Methylphenol
Concen: 3.293 ng/ul
RT: 8.304 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

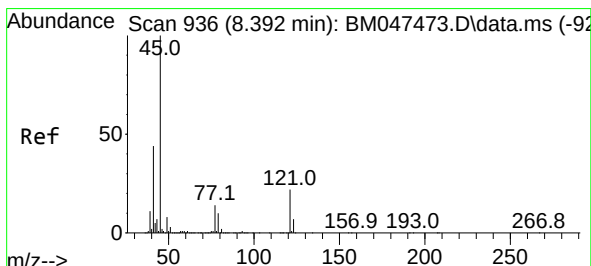
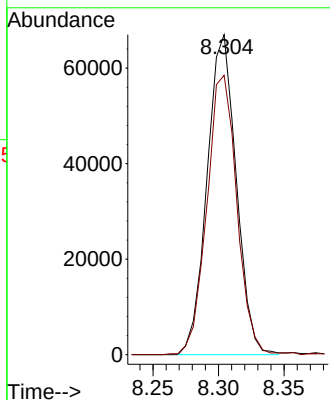
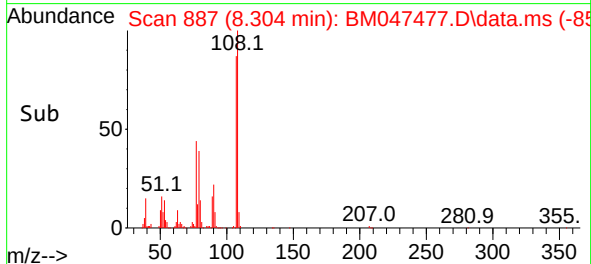
Instrument :
BNA_M
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MDL-SOIL-QT3-2024-05



Tgt Ion:108 Resp: 103750
Ion Ratio Lower Upper
108 100
107 87.3 71.1 106.7

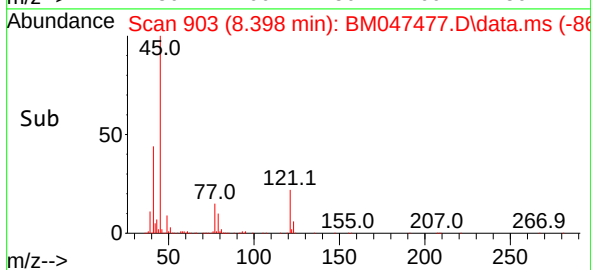
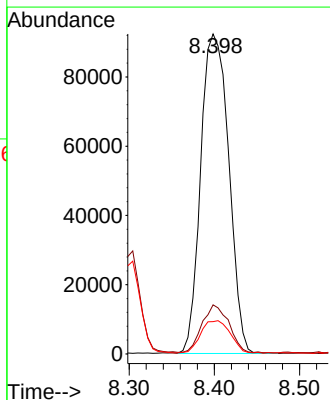
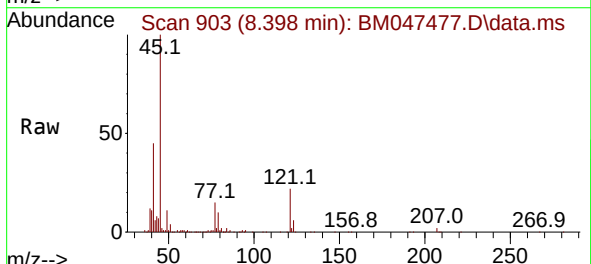
Manual Integrations
APPROVED

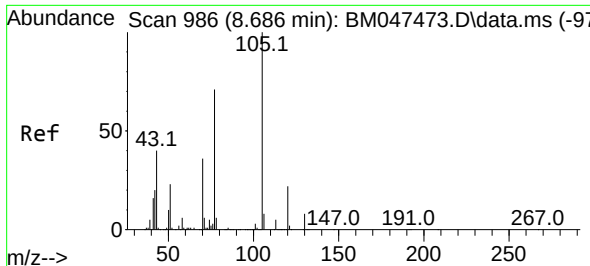
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.350 ng/ul
RT: 8.398 min Scan# 903
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

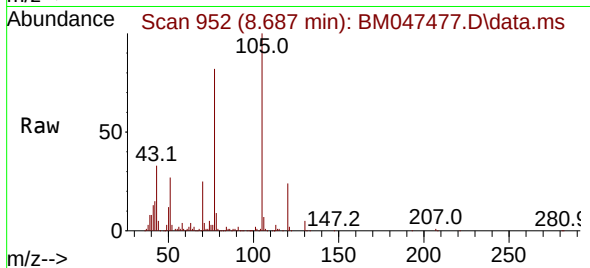
Tgt Ion: 45 Resp: 211009
Ion Ratio Lower Upper
45 100
77 15.4 11.2 16.8
79 10.1 8.2 12.2





#16
Acetophenone
Concen: 4.140 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

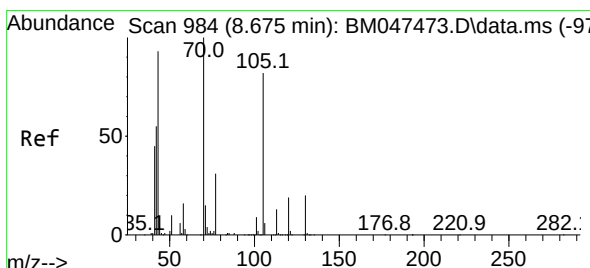
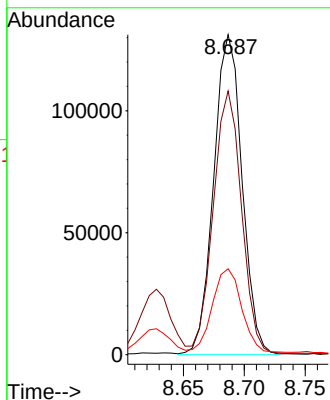
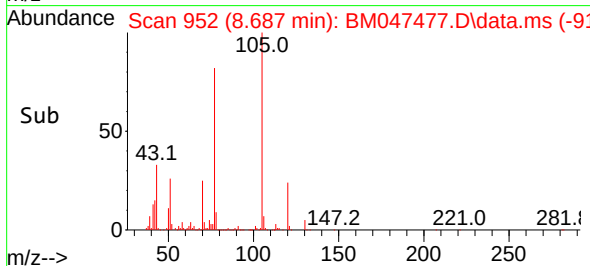
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:105 Resp: 212924
Ion Ratio Lower Upper
105 100
77 82.4 63.0 94.4
51 26.9 20.3 30.5

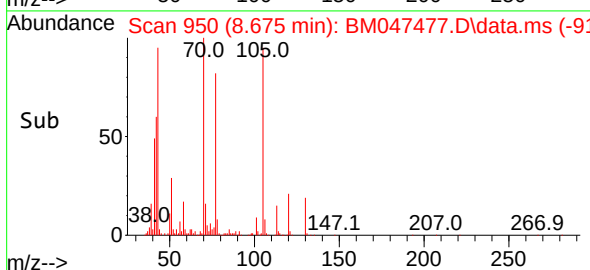
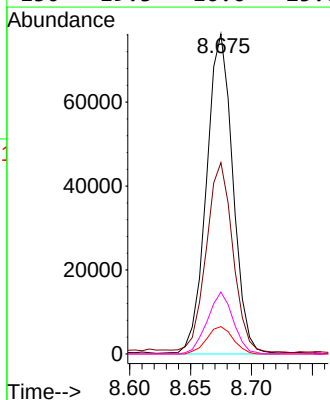
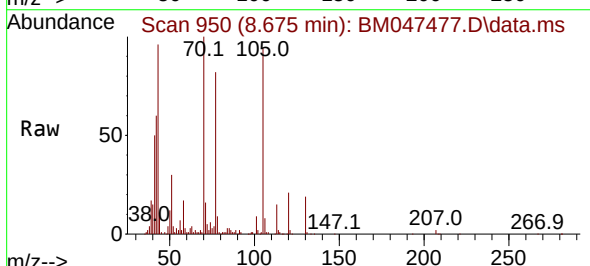
Manual Integrations
APPROVED

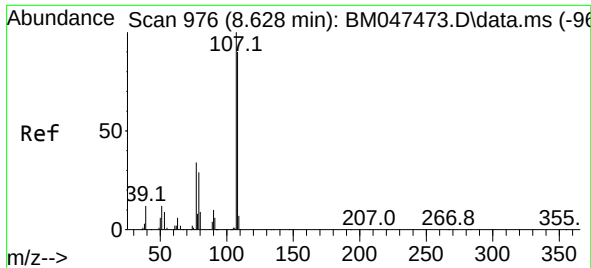
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.211 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

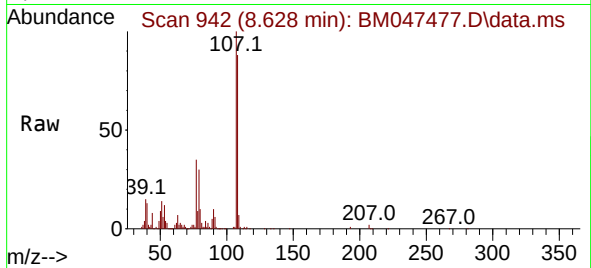
Tgt Ion: 70 Resp: 114954
Ion Ratio Lower Upper
70 100
42 59.8 44.5 66.7
101 8.5 7.3 10.9
130 19.3 16.6 25.0





#18
4-Methylphenol
Concen: 3.529 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

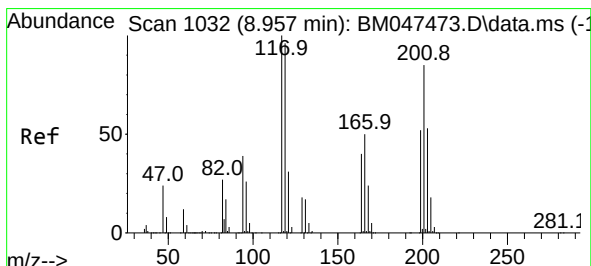
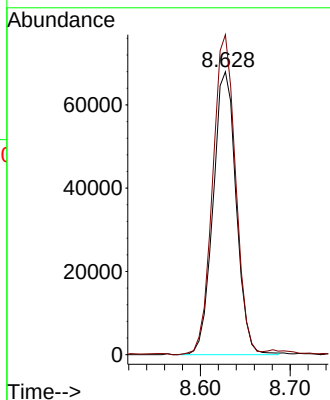
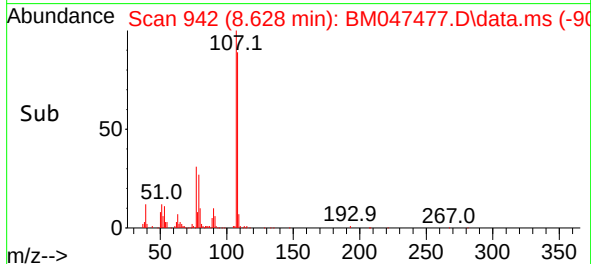
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:108 Resp: 12141
Ion Ratio Lower Upper
108 100
107 113.1 90.2 135.4

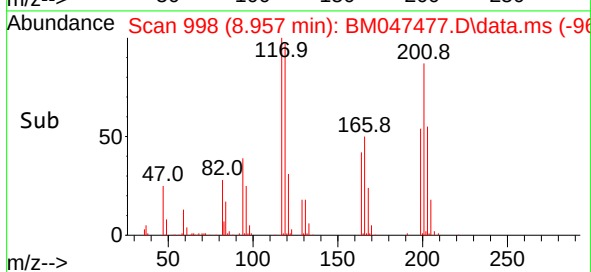
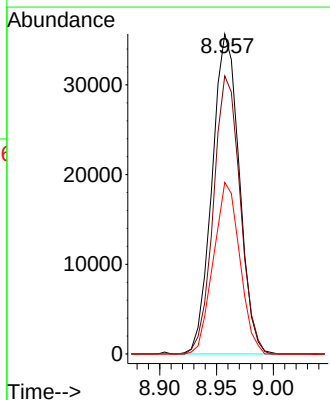
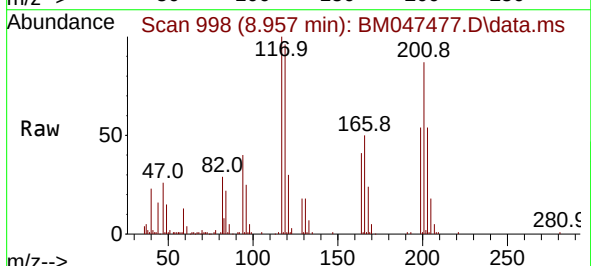
Manual Integrations
APPROVED

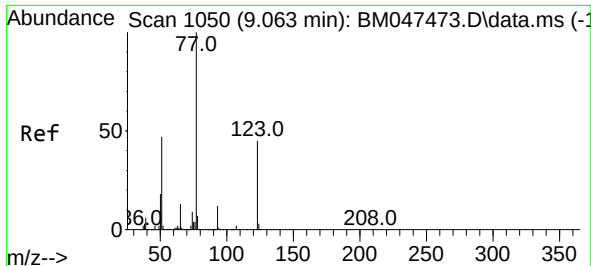
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#19
Hexachloroethane
Concen: 4.314 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

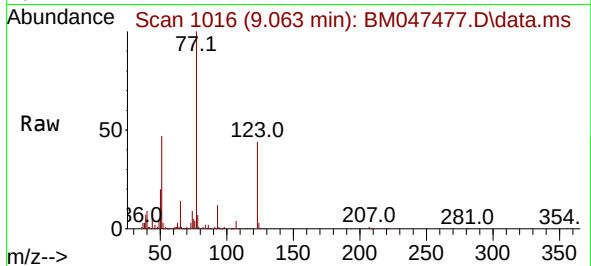
Tgt Ion:117 Resp: 59454
Ion Ratio Lower Upper
117 100
201 86.9 70.7 106.1
199 53.6 44.2 66.4





#22
Nitrobenzene
Concen: 4.332 ng/ul
RT: 9.063 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

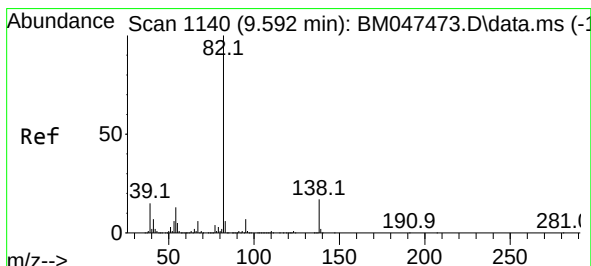
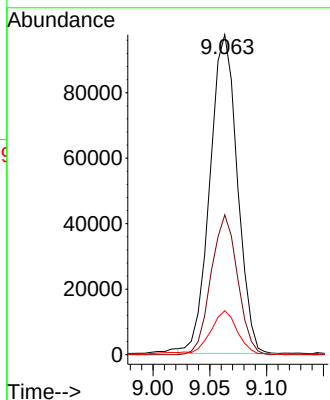
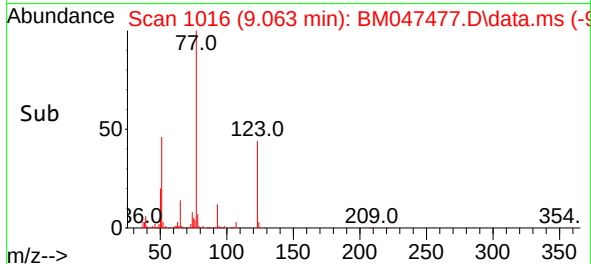
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion: 77 Resp: 163570
Ion Ratio Lower Upper
77 100
123 43.7 34.8 52.2
65 13.7 10.7 16.1

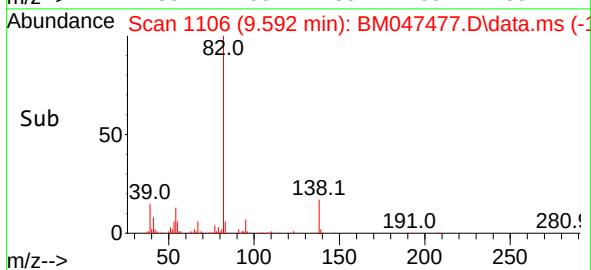
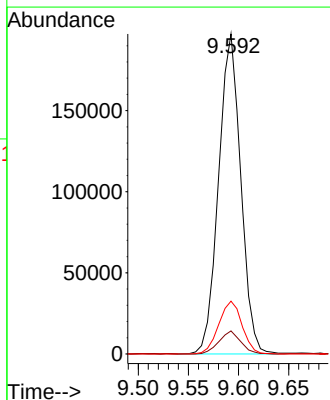
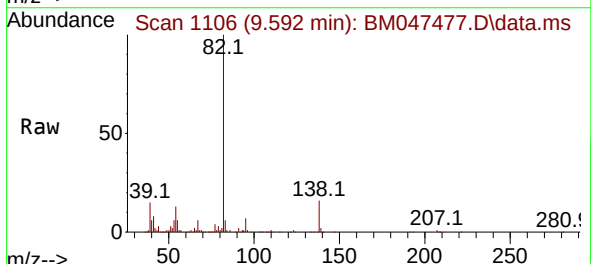
Manual Integrations
APPROVED

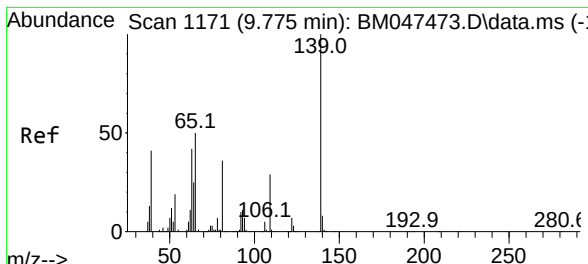
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#23
Isophorone
Concen: 4.030 ng/ul
RT: 9.592 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion: 82 Resp: 303433
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.5 13.7 20.5





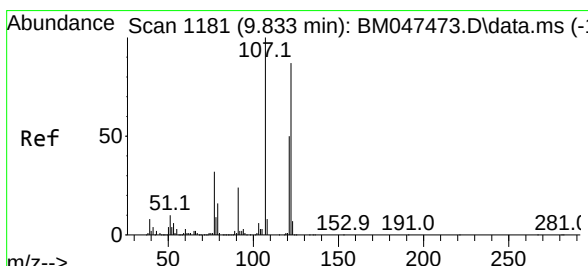
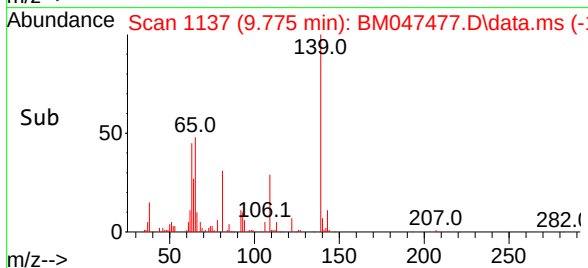
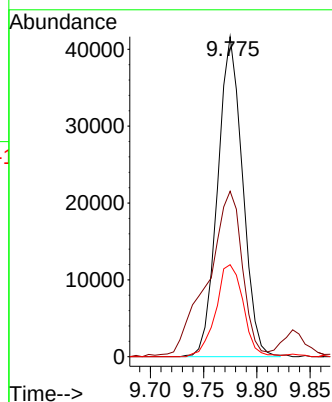
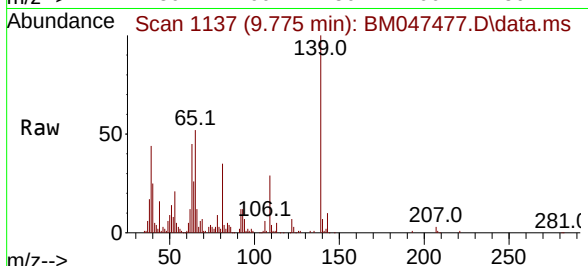
#25
2-Nitrophenol
Concen: 4.104 ng/ul
RT: 9.775 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05

Tgt Ion:	139	Resp:	6773
Ion Ratio	Lower	Upper	
139	100		
65	51.7	40.6	60.8
109	28.8	23.8	35.6

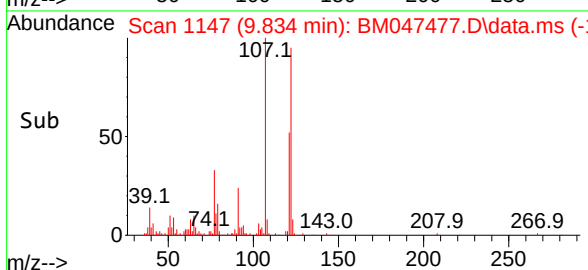
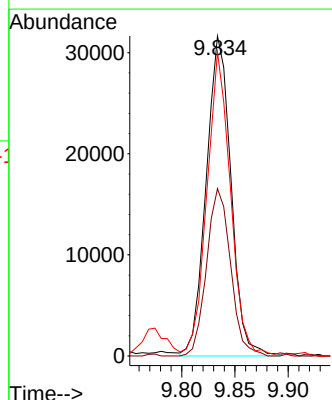
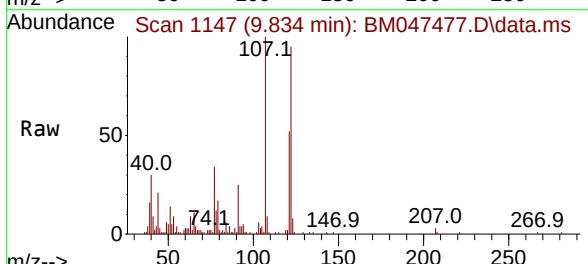
Manual Integrations
APPROVED

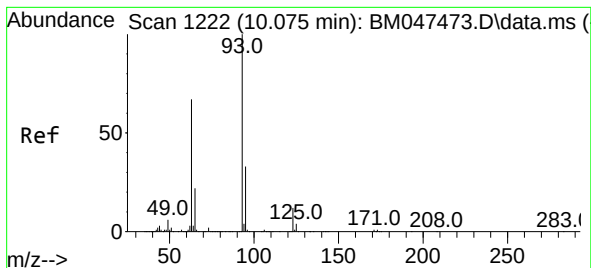
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#26
2,4-Dimethylphenol
Concen: 1.443 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

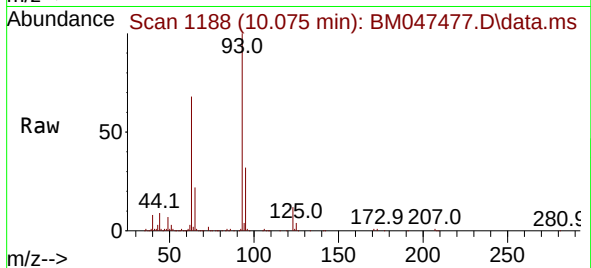
Tgt Ion:	107	Resp:	51218
Ion Ratio	Lower	Upper	
107	100		
121	52.3	40.1	60.1
122	95.0	71.2	106.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.218 ng/ul
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

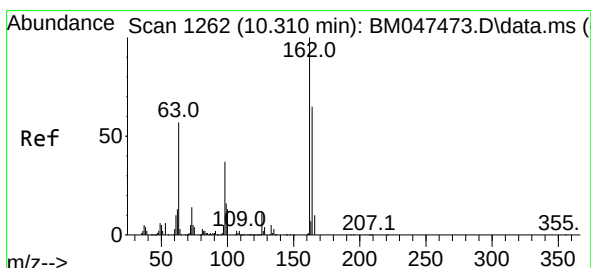
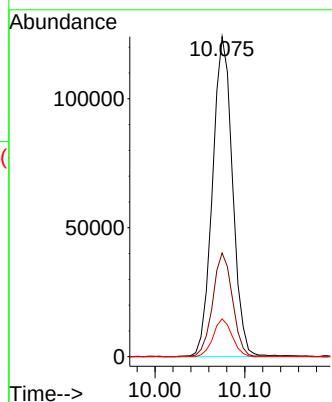
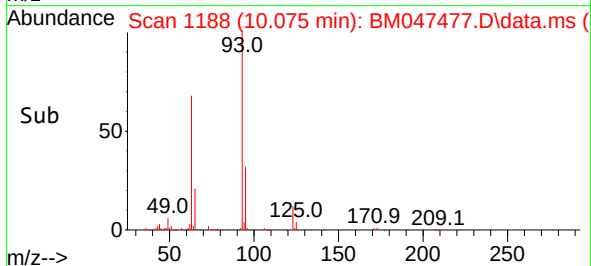
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion: 93 Resp: 192198
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.8 9.1 13.7

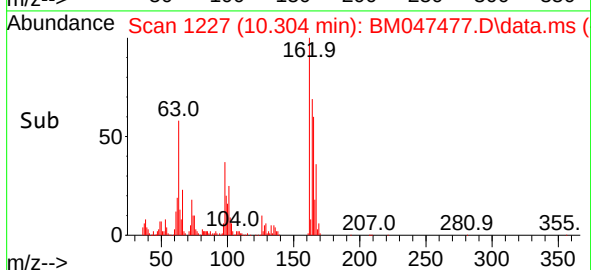
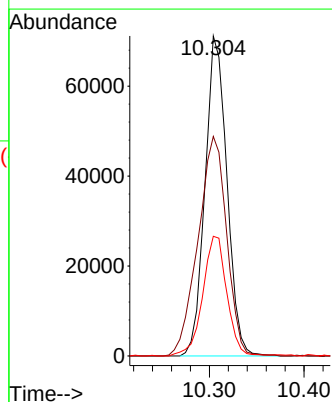
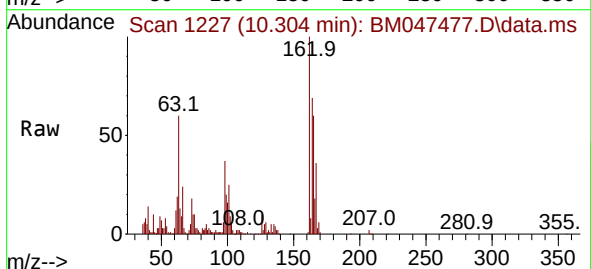
Manual Integrations
APPROVED

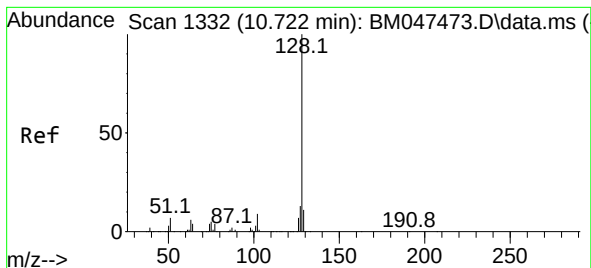
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#29
2,4-Dichlorophenol
Concen: 3.880 ng/ul
RT: 10.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

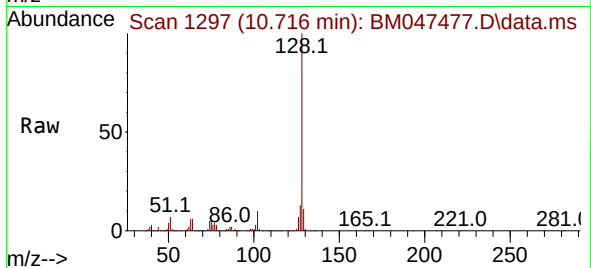
Tgt Ion:162 Resp: 114181
Ion Ratio Lower Upper
162 100
164 68.6 51.8 77.8
98 37.4 29.7 44.5





#30
Naphthalene
Concen: 4.179 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

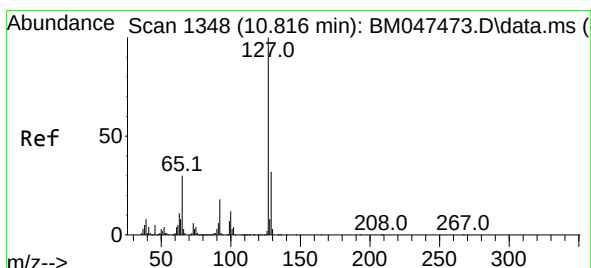
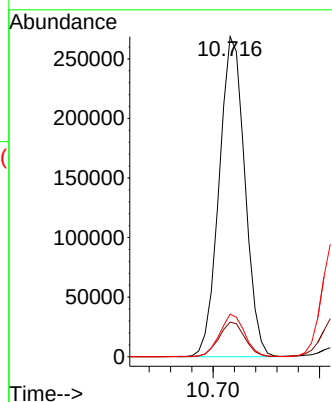
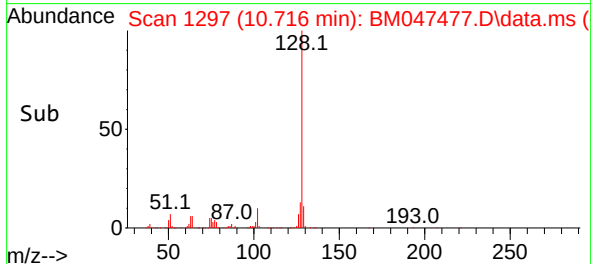
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:128 Resp: 450540
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.1 15.1

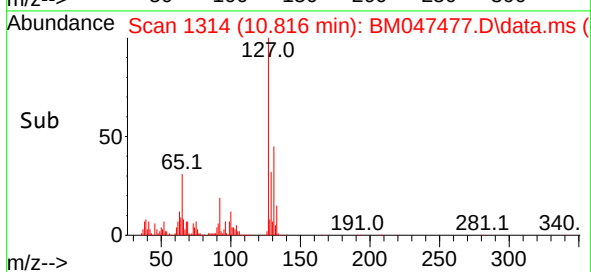
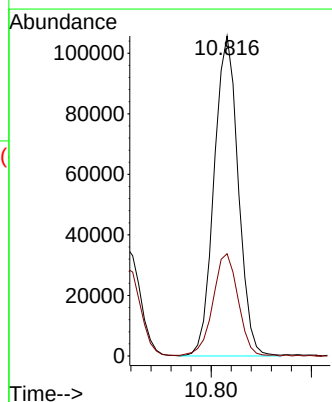
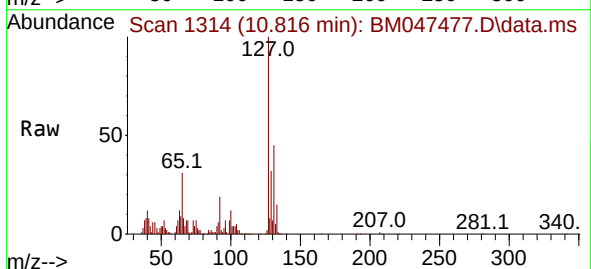
Manual Integrations
APPROVED

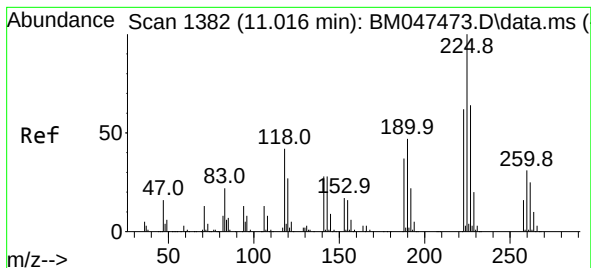
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#32
4-Chloroaniline
Concen: 3.782 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion:127 Resp: 176772
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.2





#33

Hexachlorobutadiene

Concen: 4.196 ng/ul

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

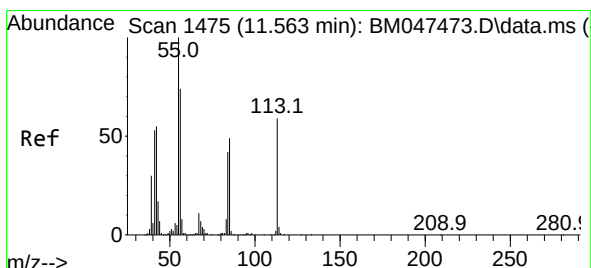
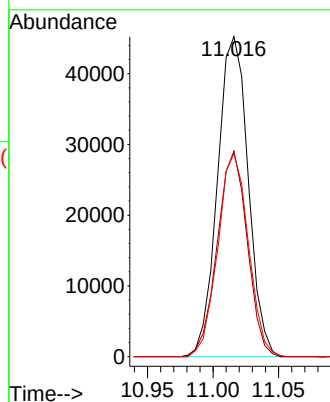
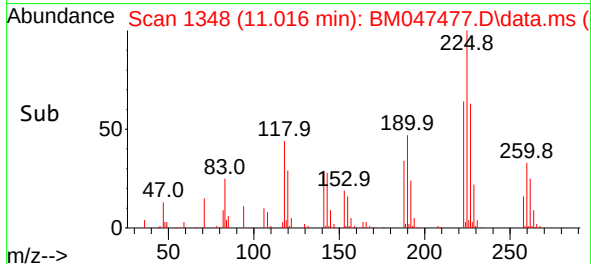
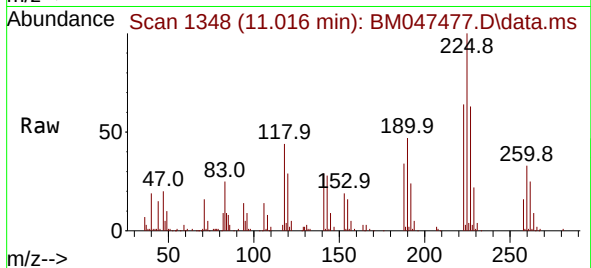
MDL-SOIL-QT3-2024-05

Tgt Ion:	225	Resp:	73658
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.1	75.1
227	63.5	51.8	77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#34

Caprolactam

Concen: 3.333 ng/ul m

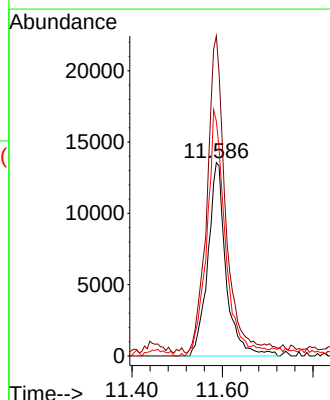
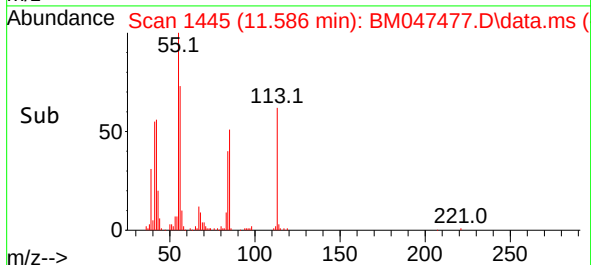
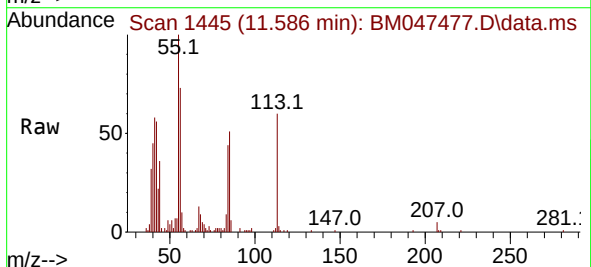
RT: 11.586 min Scan# 1445

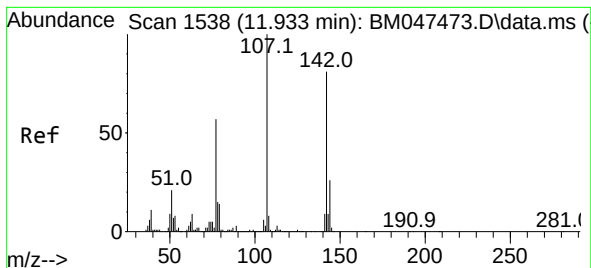
Delta R.T. 0.018 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

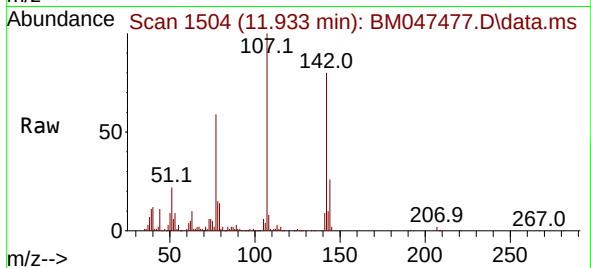
Tgt Ion:	113	Resp:	37781
Ion Ratio	Lower	Upper	
113	100		
55	165.6	138.0	207.0
56	121.4	103.4	155.0





#35
4-Chloro-3-methylphenol
Concen: 3.500 ng/ul
RT: 11.933 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

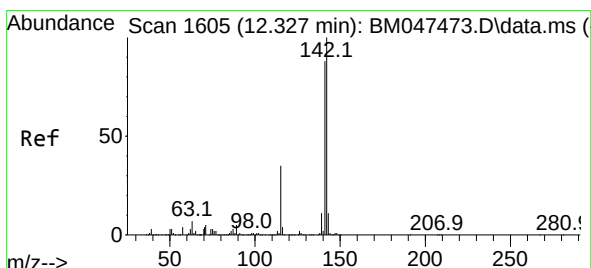
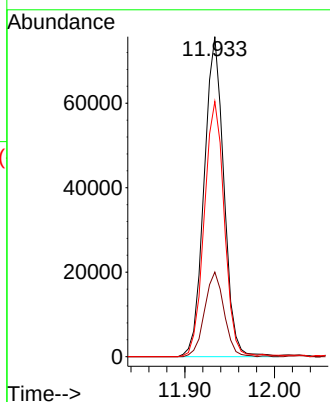
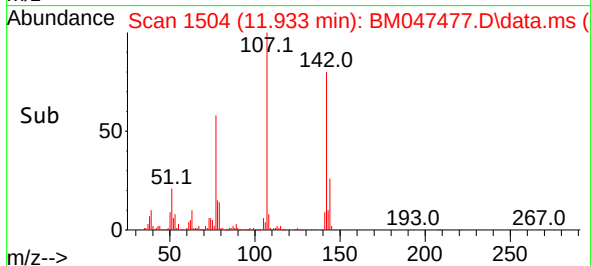
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:107 Resp: 11598
Ion Ratio Lower Upper
107 100
144 26.4 21.2 31.8
142 79.7 65.5 98.3

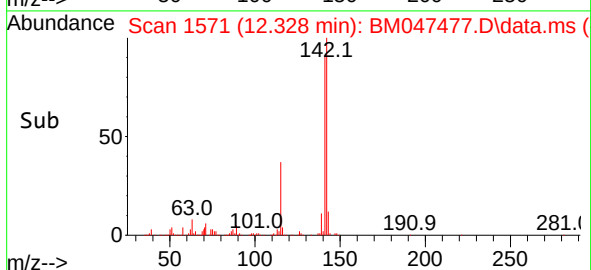
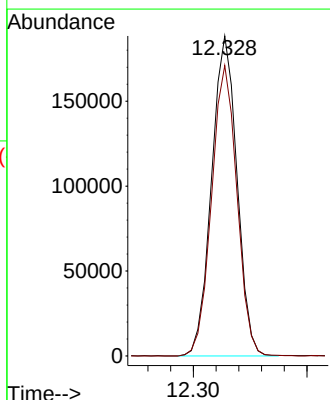
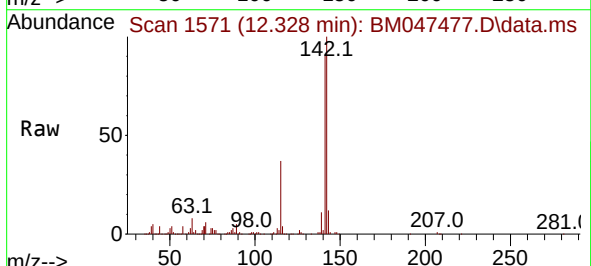
Manual Integrations
APPROVED

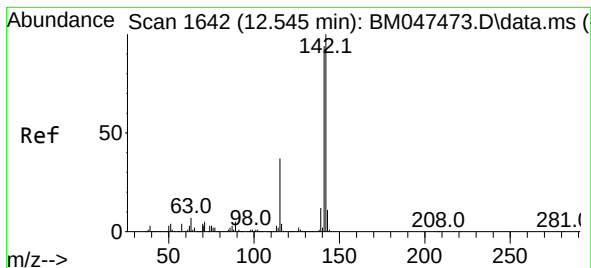
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 3.947 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

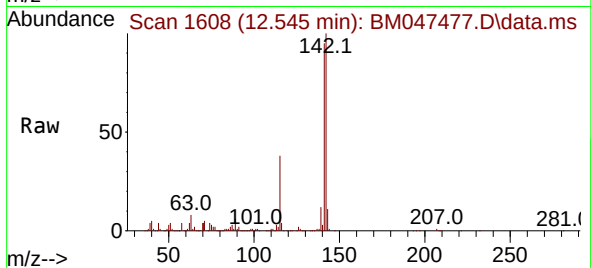
Tgt Ion:142 Resp: 292468
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9





#37
1-Methylnaphthalene
Concen: 4.007 ng/ul
RT: 12.545 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

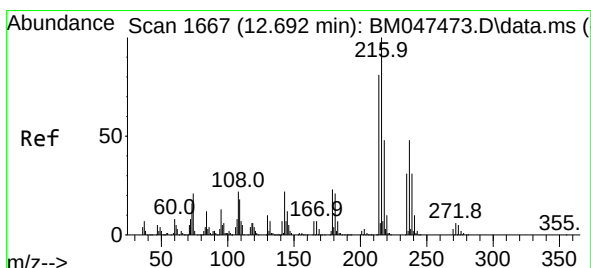
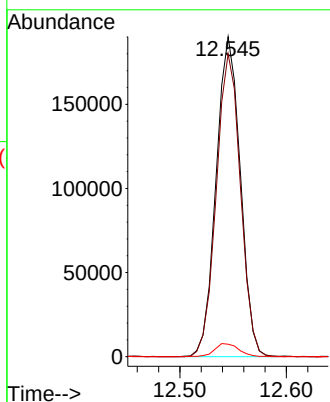
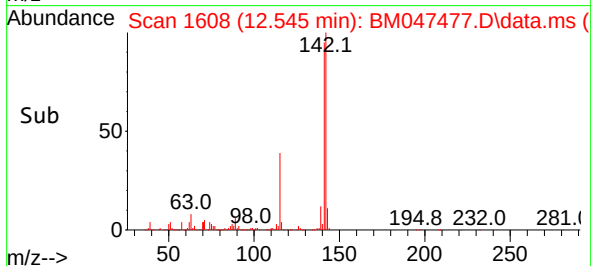
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:142 Resp: 300045
Ion Ratio Lower Upper
142 100
141 94.7 72.9 109.3
116 3.9 3.2 4.8

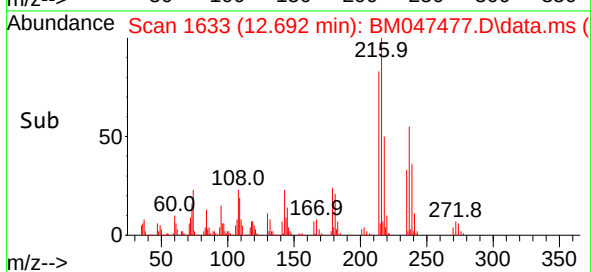
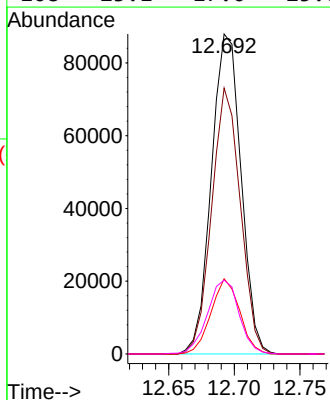
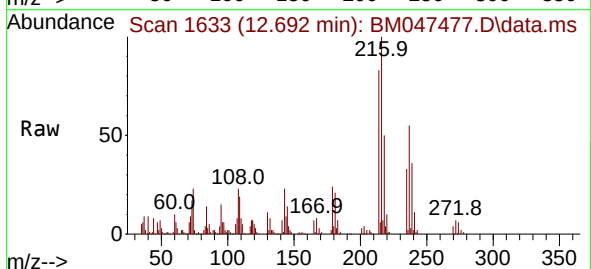
Manual Integrations
APPROVED

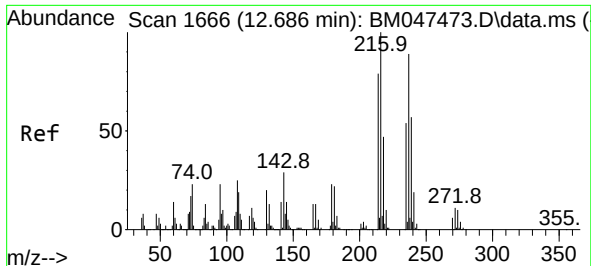
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.834 ng/ul
RT: 12.692 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

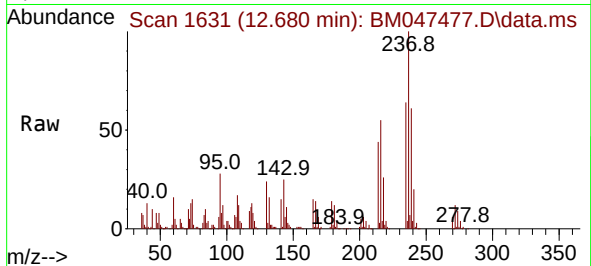
Tgt Ion:216 Resp: 138425
Ion Ratio Lower Upper
216 100
214 83.1 62.2 93.4
179 23.5 17.2 25.8
108 23.1 17.0 25.6





#40
Hexachlorocyclopentadiene
Concen: 4.283 ng/ul
RT: 12.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

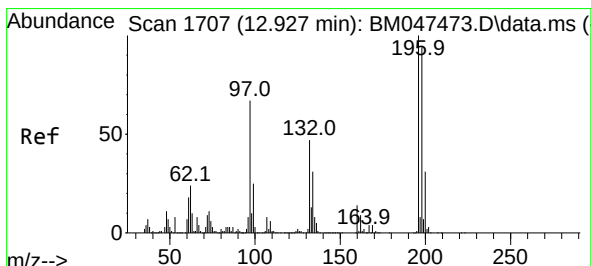
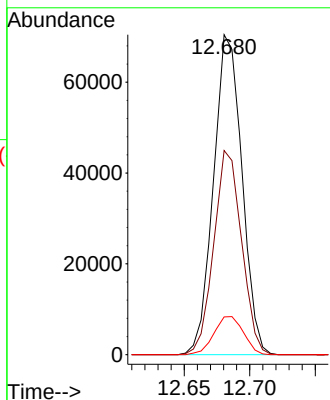
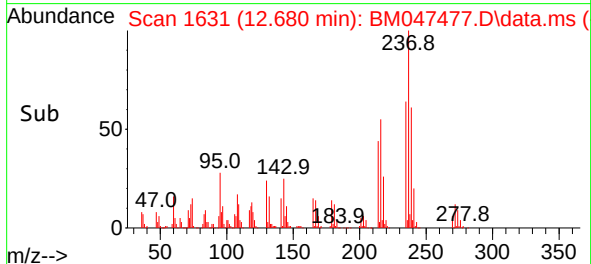
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:237 Resp: 10632
Ion Ratio Lower Upper
237 100
235 63.8 48.9 73.3
272 12.4 10.4 15.6

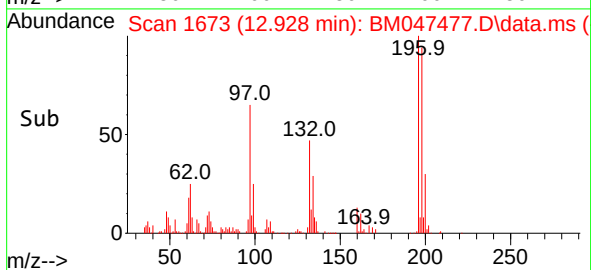
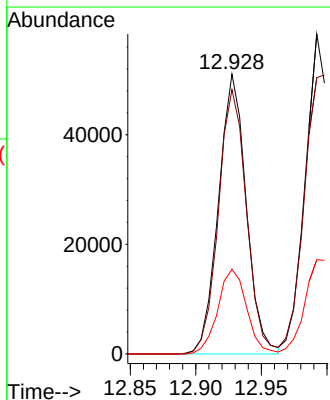
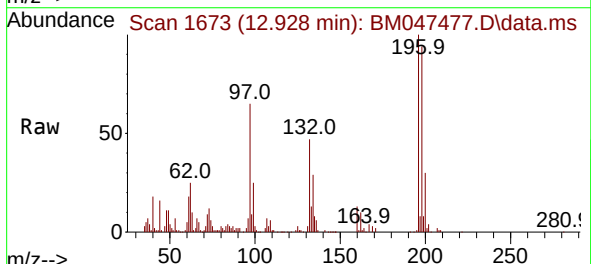
Manual Integrations
APPROVED

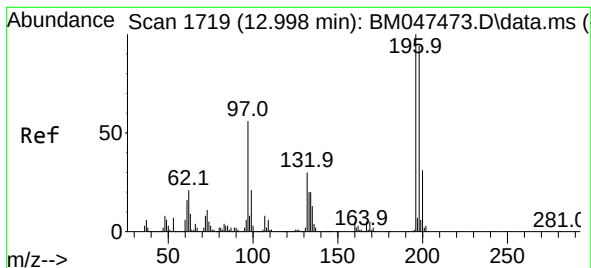
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#41
2,4,6-Trichlorophenol
Concen: 3.394 ng/ul
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

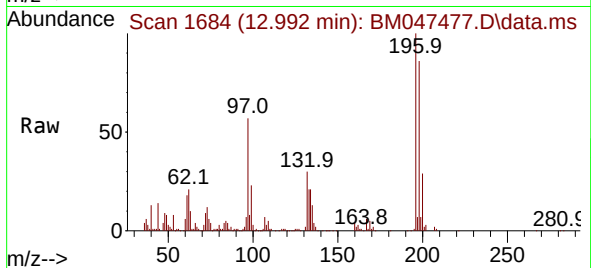
Tgt Ion:196 Resp: 75194
Ion Ratio Lower Upper
196 100
198 94.4 77.0 115.6
200 30.2 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 3.508 ng/u1
RT: 12.992 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

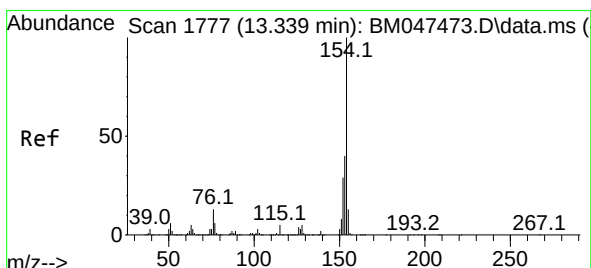
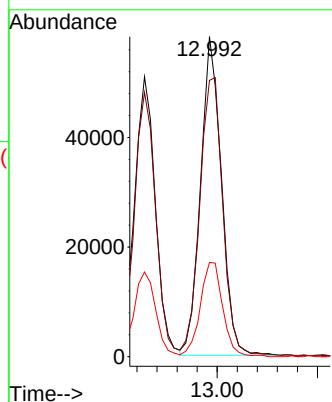
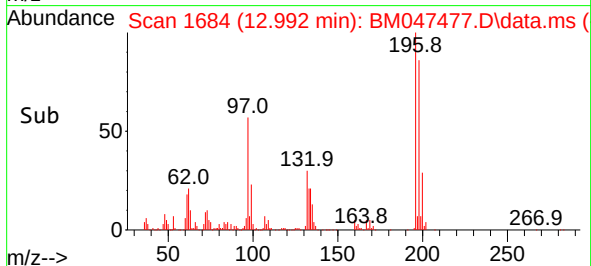
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:196 Resp: 8447
Ion Ratio Lower Upper
196 100
198 86.3 76.8 115.2
200 29.4 24.2 36.4

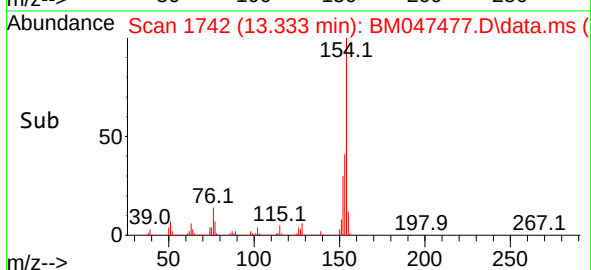
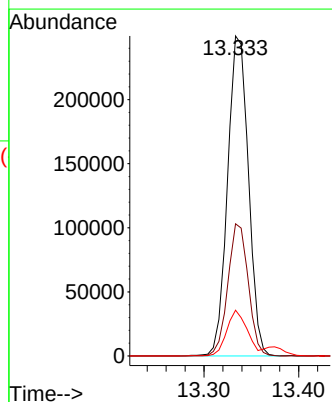
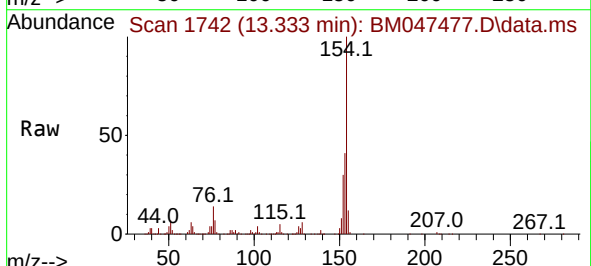
Manual Integrations
APPROVED

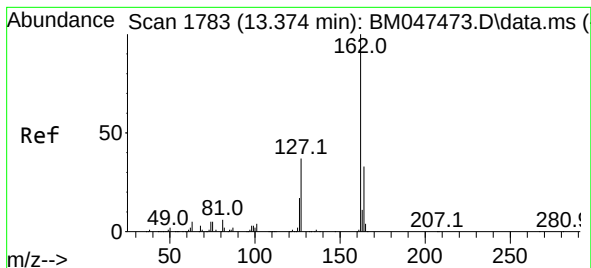
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#43
1,1'-Biphenyl
Concen: 3.977 ng/u1
RT: 13.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

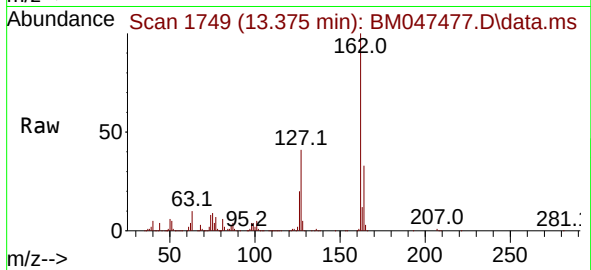
Tgt Ion:154 Resp: 381265
Ion Ratio Lower Upper
154 100
153 41.3 32.3 48.5
76 14.3 11.0 16.4





#44
2-Chloronaphthalene
Concen: 4.038 ng/ul
RT: 13.375 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

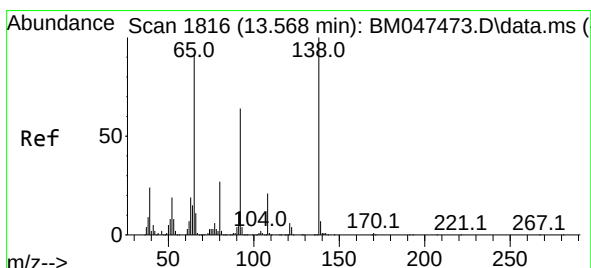
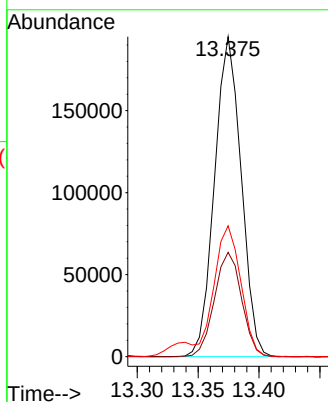
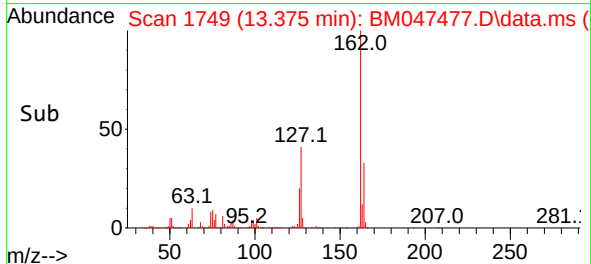
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:162 Resp: 29686
Ion Ratio Lower Upper
162 100
164 32.6 26.9 40.3
127 40.9 32.2 48.2

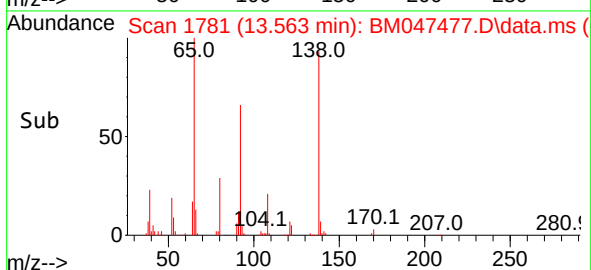
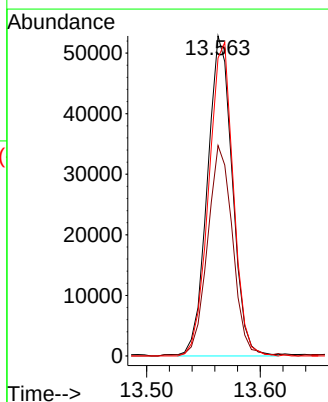
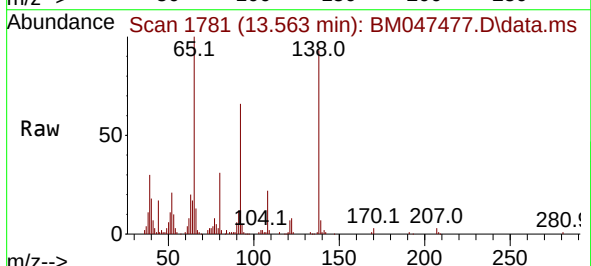
Manual Integrations
APPROVED

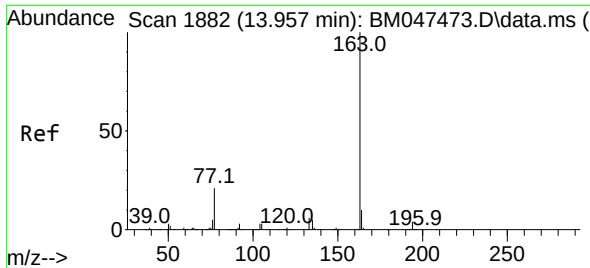
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#45
2-Nitroaniline
Concen: 3.772 ng/ul
RT: 13.563 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

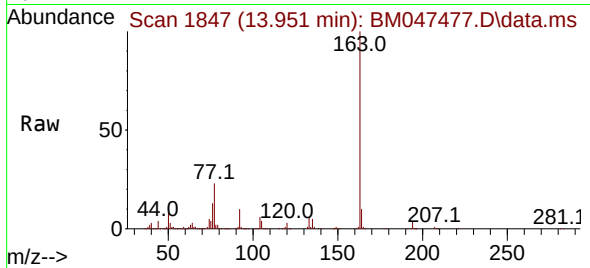
Tgt Ion: 65 Resp: 80664
Ion Ratio Lower Upper
65 100
92 65.7 53.4 80.0
138 93.1 81.1 121.7





#47
Dimethylphthalate
Concen: 4.129 ng/ul
RT: 13.951 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

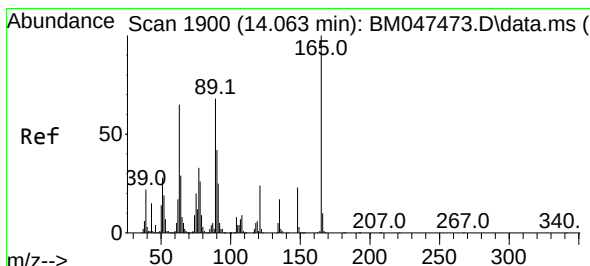
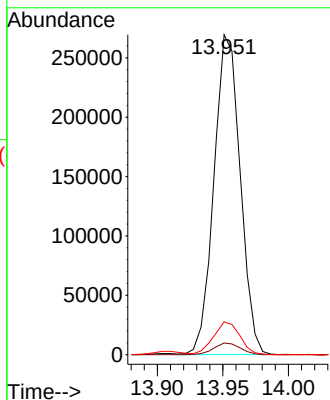
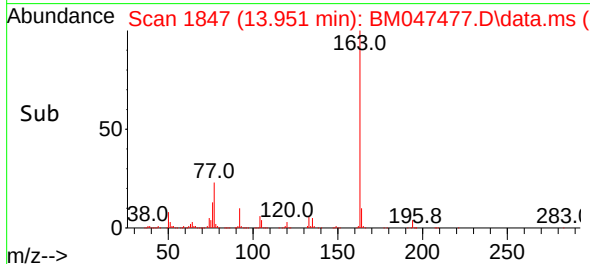
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



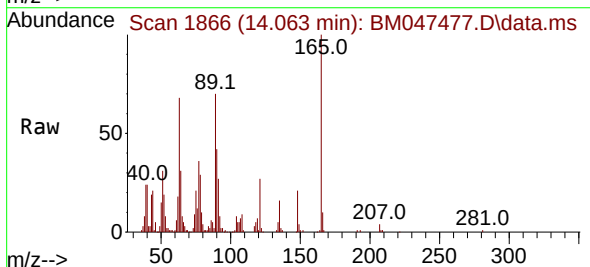
Tgt Ion:163 Resp: 374860
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.6 12.8

Manual Integrations
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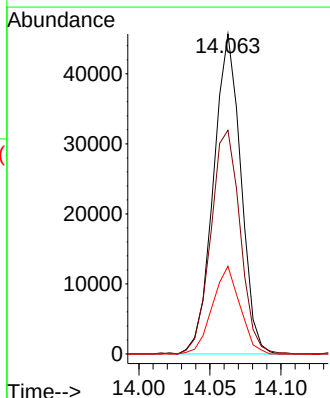
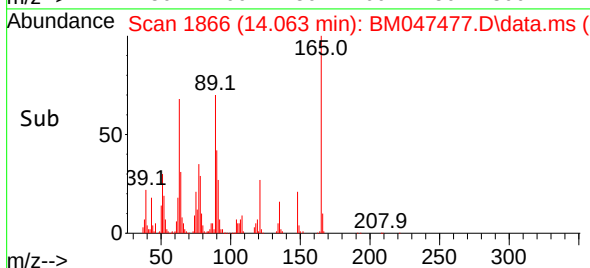
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

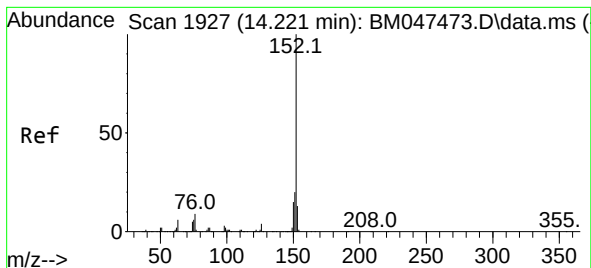


#48
2,6-Dinitrotoluene
Concen: 3.701 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



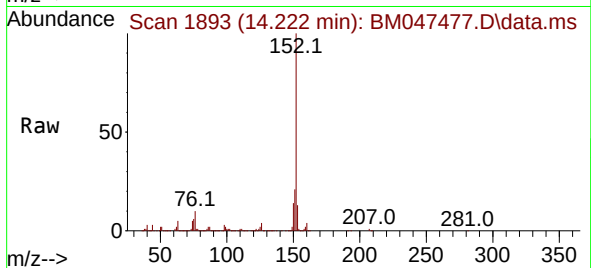
Tgt Ion:165 Resp: 61328
Ion Ratio Lower Upper
165 100
89 69.9 52.2 78.2
121 27.4 19.2 28.8





#50
Acenaphthylene
Concen: 4.286 ng/ul
RT: 14.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

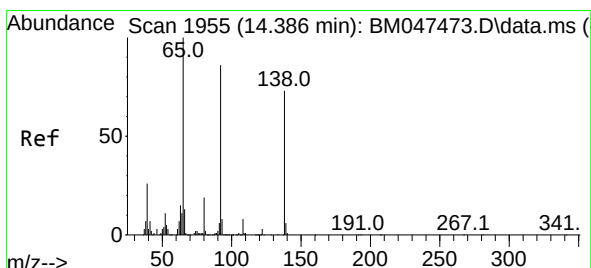
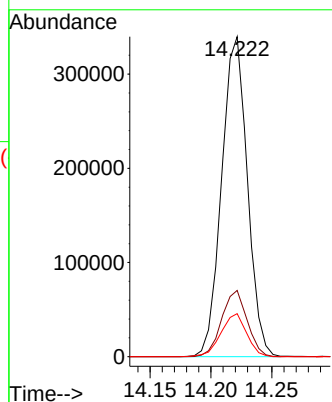
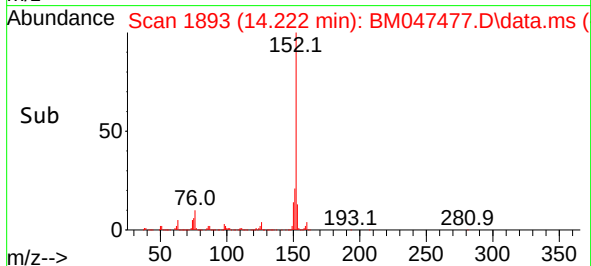
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



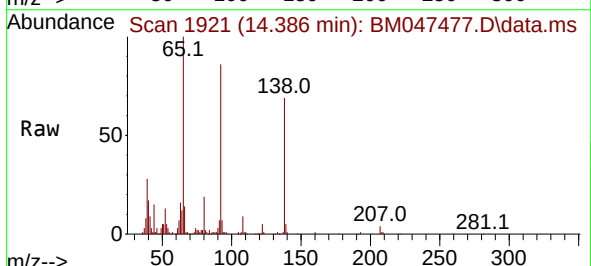
Tgt Ion:152 Resp: 49974
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 10.6 15.8

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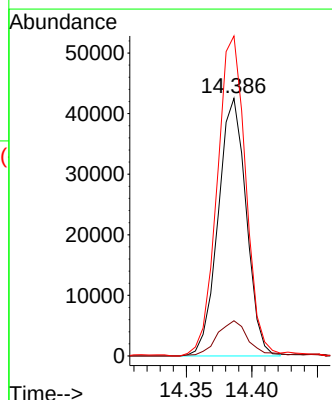
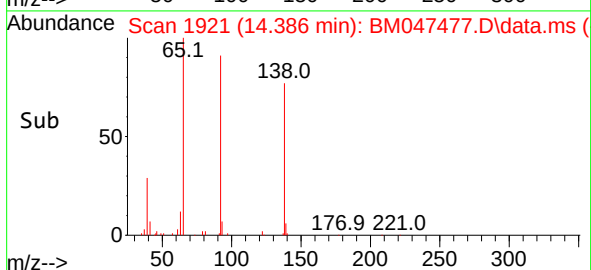
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

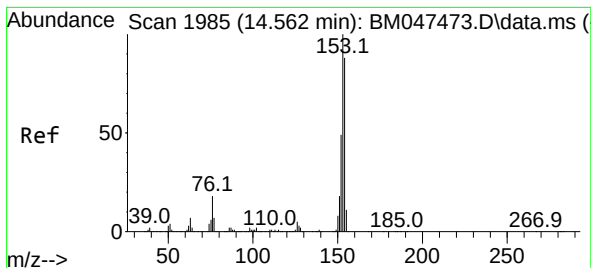


#51
3-Nitroaniline
Concen: 3.273 ng/ul
RT: 14.386 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



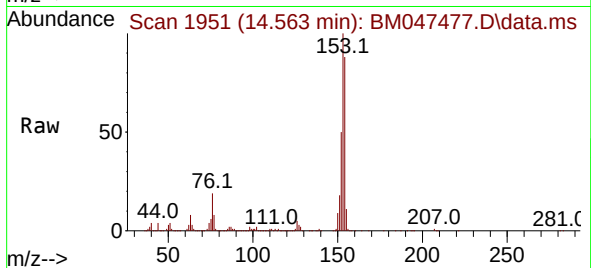
Tgt Ion:138 Resp: 63314
Ion Ratio Lower Upper
138 100
108 13.7 9.7 14.5
92 124.2 96.9 145.3





#52
Acenaphthene
Concen: 4.045 ng/ul
RT: 14.563 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

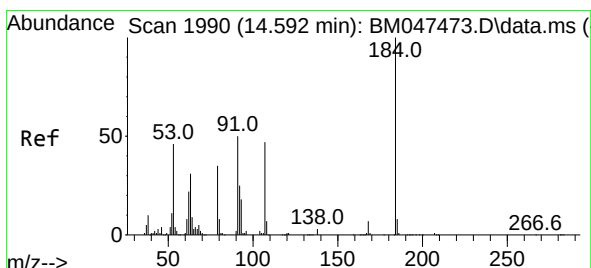
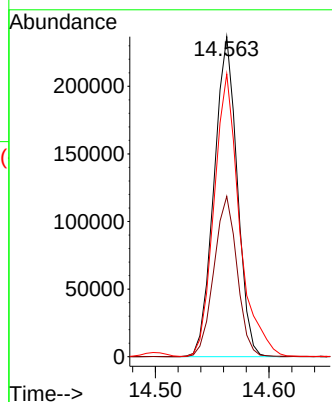
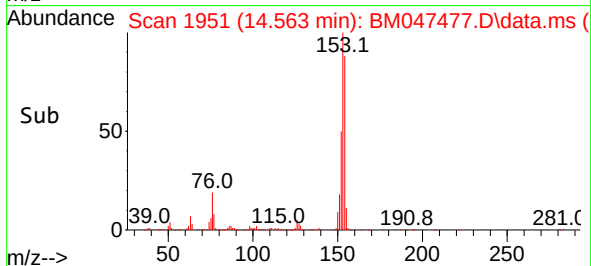
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



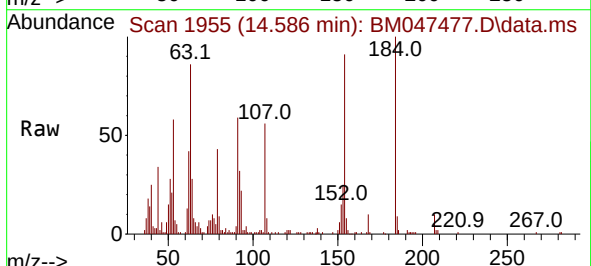
Tgt Ion:153 Resp: 335117
Ion Ratio Lower Upper
153 100
152 50.1 38.3 57.5
154 88.4 70.2 105.2

Manual Integrations
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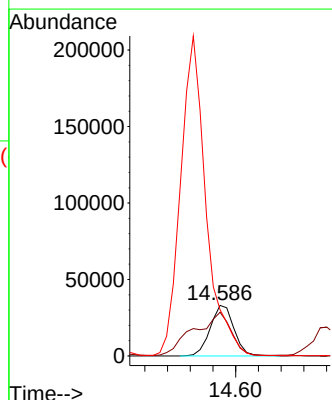
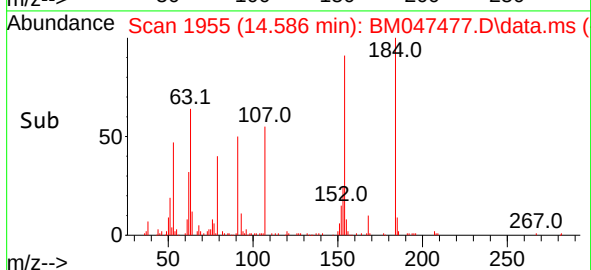
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

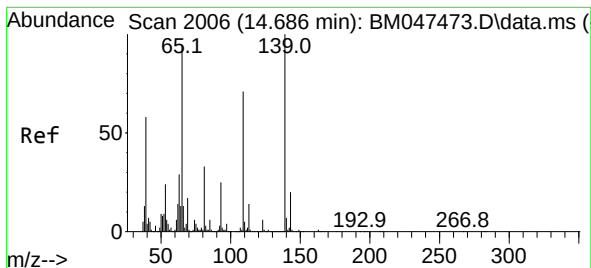


#53
2,4-Dinitrophenol
Concen: 5.275 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



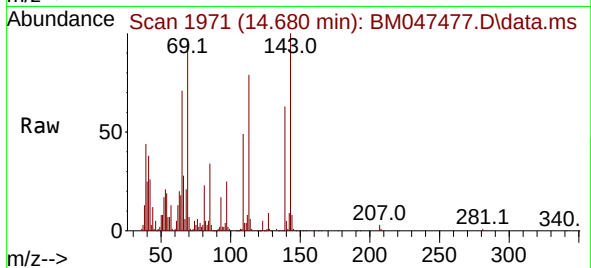
Tgt Ion:184 Resp: 48089
Ion Ratio Lower Upper
184 100
63 86.2 62.1 93.1
154 91.4 67.0 100.6





#55
4-Nitrophenol
Concen: 4.133 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

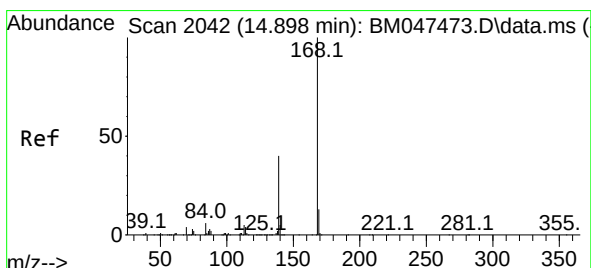
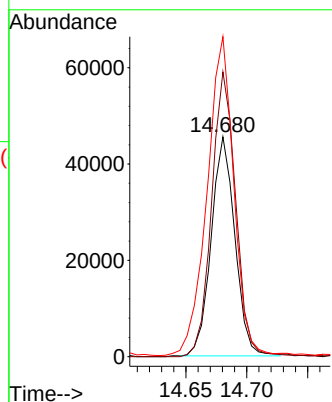
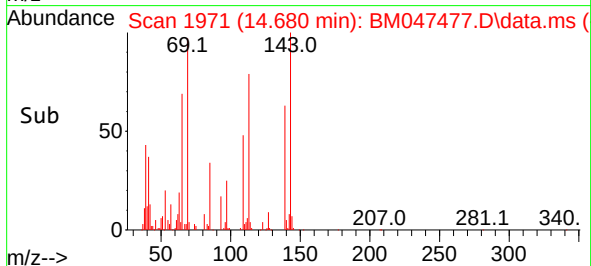
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:109 Resp: 61628
Ion Ratio Lower Upper
109 100
139 129.5 105.7 158.5
65 145.6 108.5 162.7

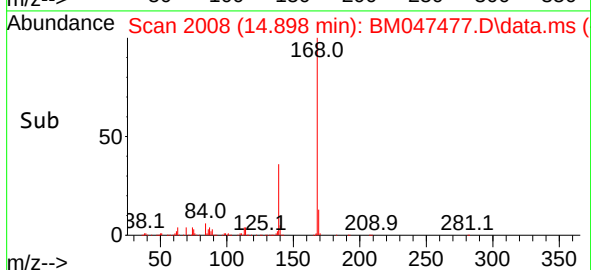
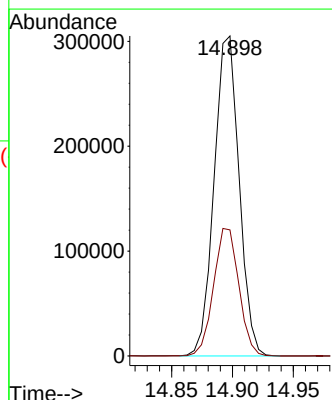
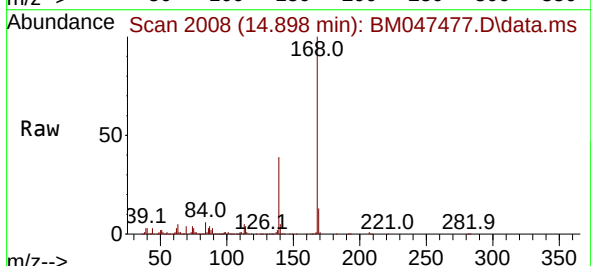
Manual Integrations
APPROVED

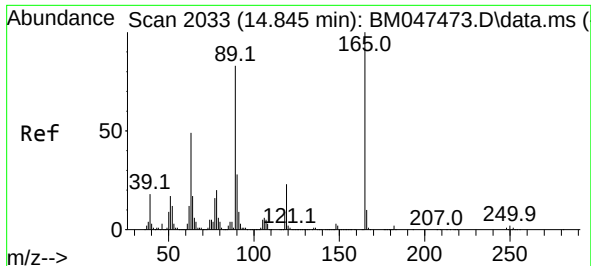
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#56
Dibenzofuran
Concen: 4.052 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion:168 Resp: 436294
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.4





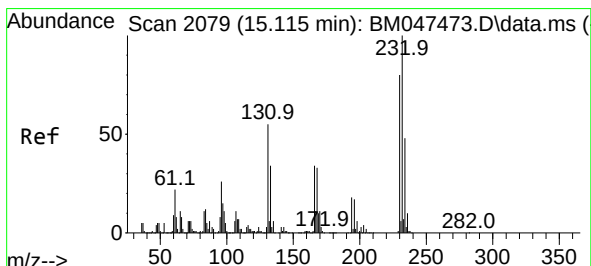
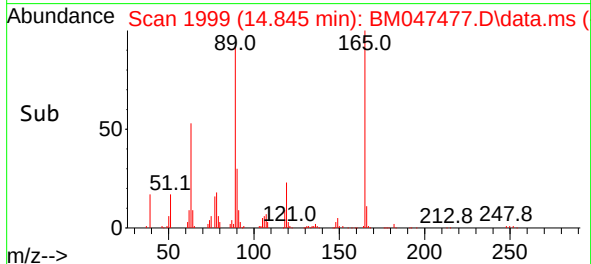
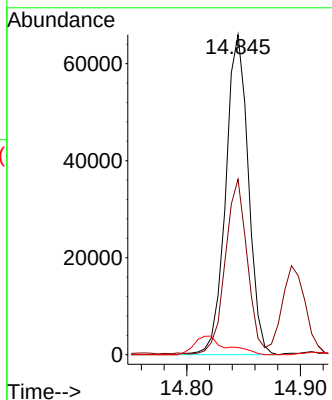
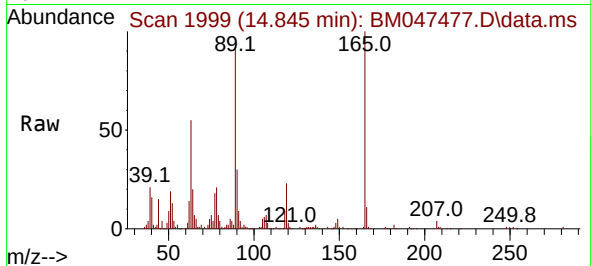
#57
2,4-Dinitrotoluene
Concen: 3.827 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05

Tgt Ion:165 Resp: 9130
Ion Ratio Lower Upper
165 100
63 54.9 37.3 55.9
182 2.3 1.8 2.8

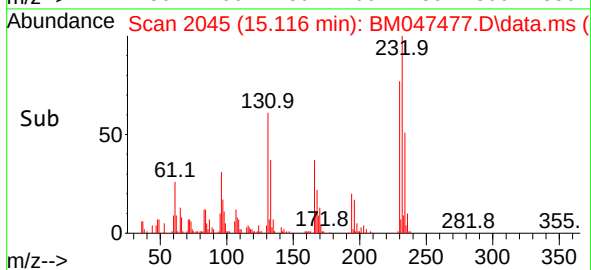
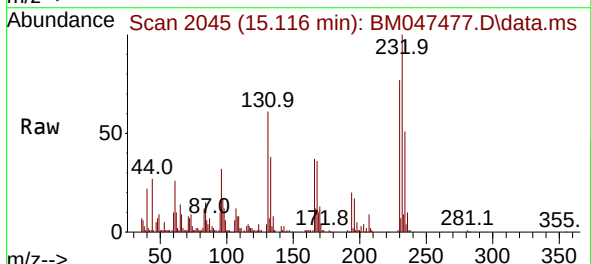
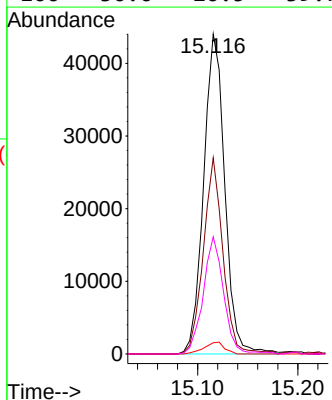
Manual Integrations
APPROVED

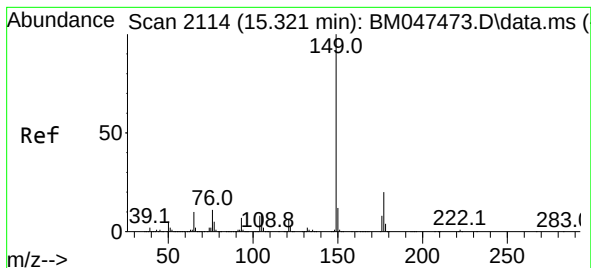
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.484 ng/ul
RT: 15.116 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

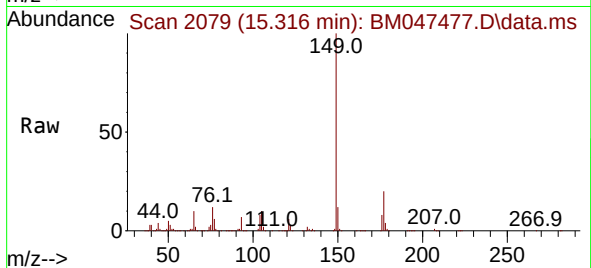
Tgt Ion:232 Resp: 64564
Ion Ratio Lower Upper
232 100
131 61.3 44.3 66.5
130 3.5 2.5 3.7
166 36.6 26.5 39.7





#59
Diethylphthalate
Concen: 3.949 ng/ul
RT: 15.316 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

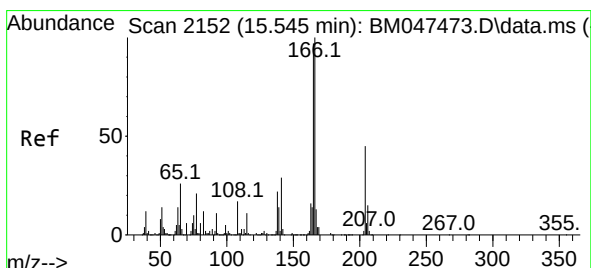
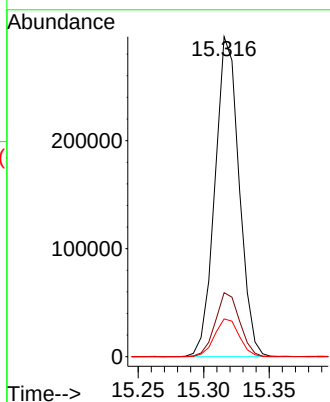
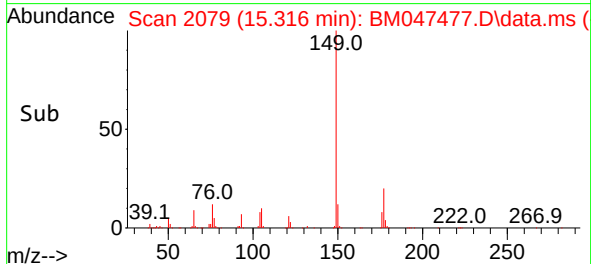
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:149 Resp: 379350
Ion Ratio Lower Upper
149 100
177 20.0 15.8 23.6
150 11.8 9.8 14.6

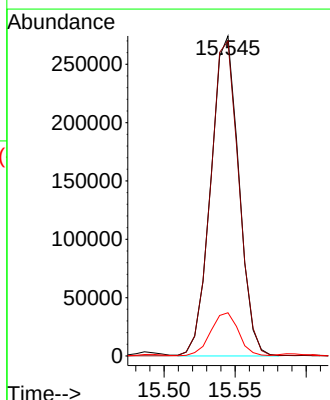
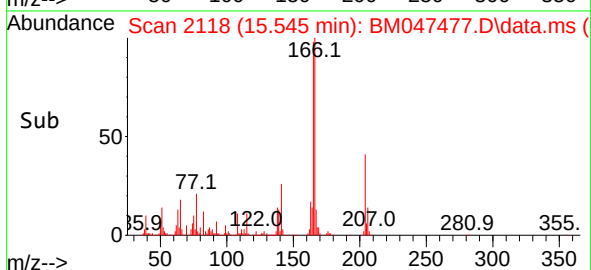
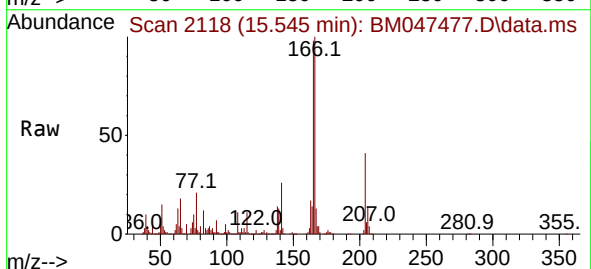
Manual Integrations
APPROVED

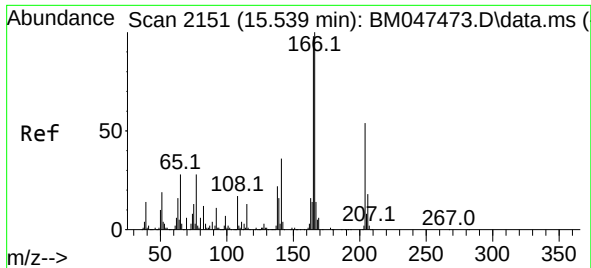
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#61
Fluorene
Concen: 4.003 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

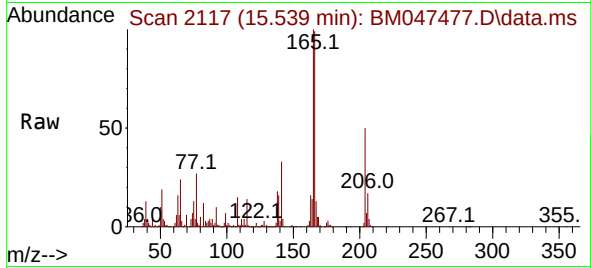
Tgt Ion:166 Resp: 376147
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 13.5 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.010 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

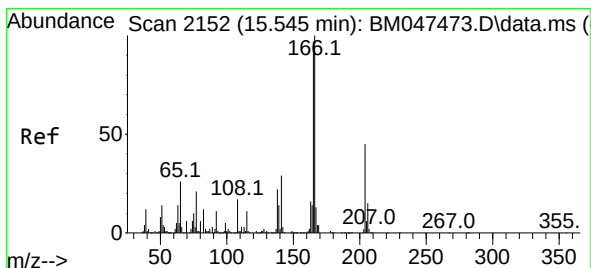
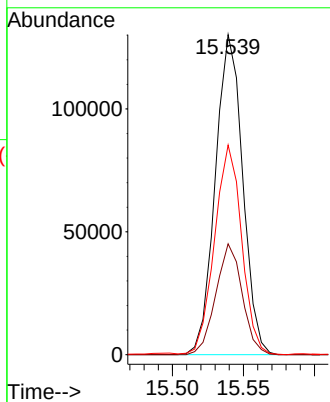
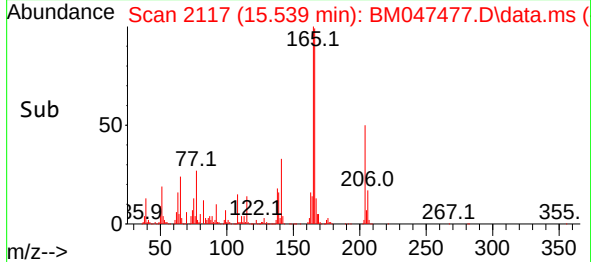
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:204 Resp: 17446
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.4
141 65.5 50.0 75.0

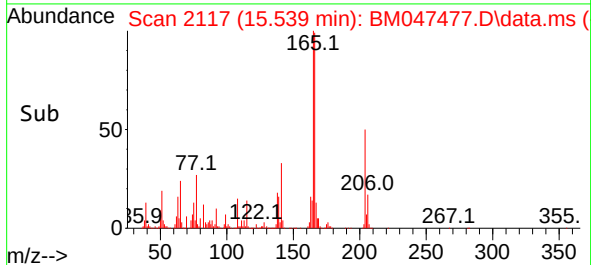
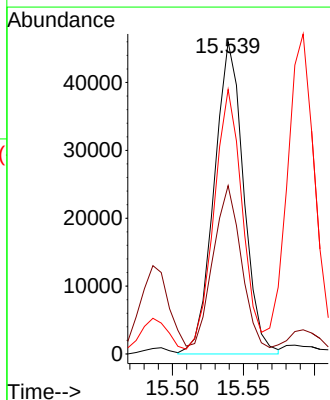
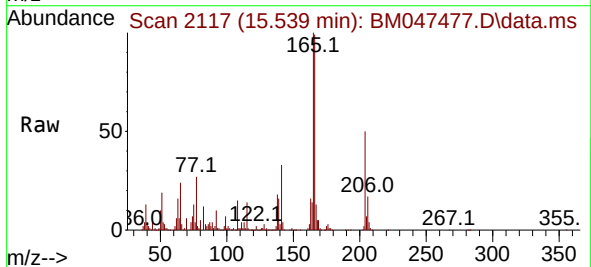
Manual Integrations
APPROVED

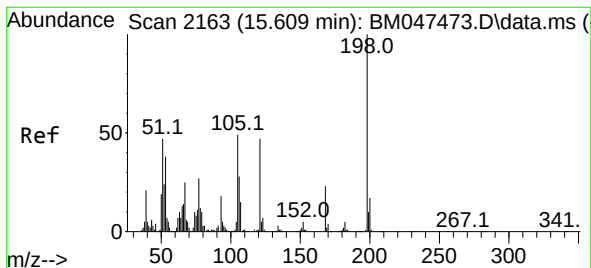
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#63
4-Nitroaniline
Concen: 3.466 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

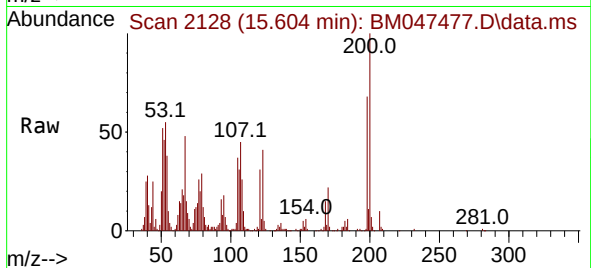
Tgt Ion:138 Resp: 66348
Ion Ratio Lower Upper
138 100
92 53.9 40.5 60.7
108 84.7 64.5 96.7





#66
4,6-Dinitro-2-methylphenol
Concen: 3.569 ng/ul
RT: 15.604 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

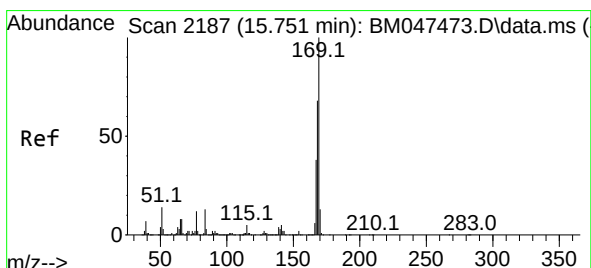
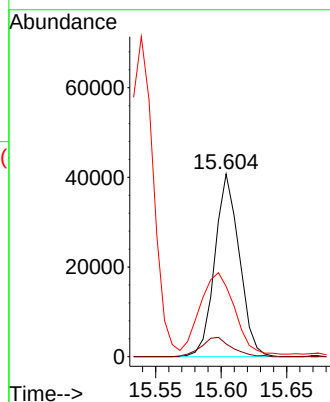
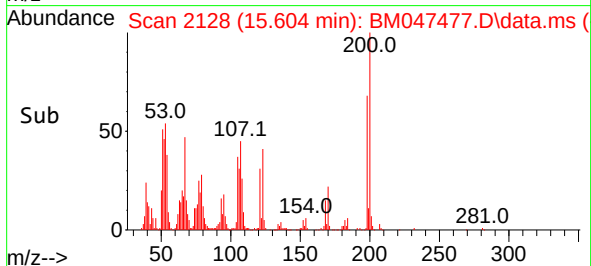
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:198 Resp: 52921
Ion Ratio Lower Upper
198 100
182 7.0 4.2 6.2
77 38.4 25.1 37.7

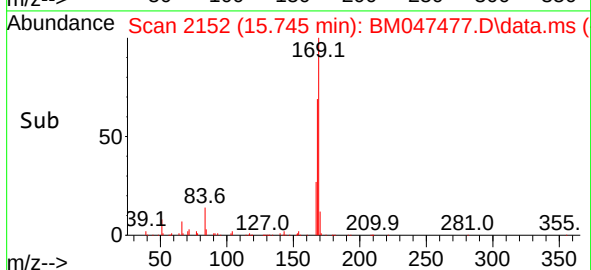
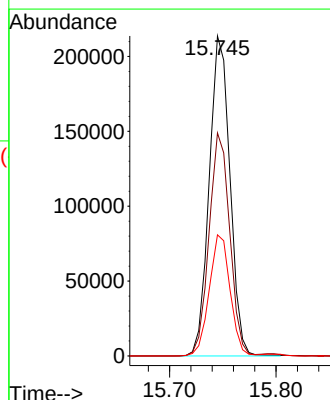
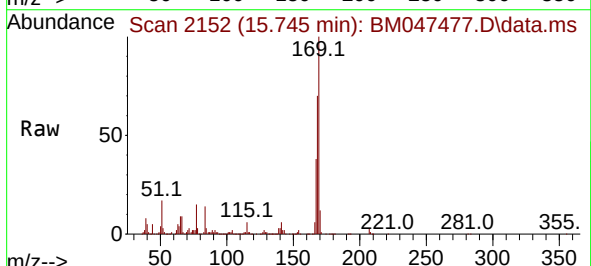
Manual Integrations
APPROVED

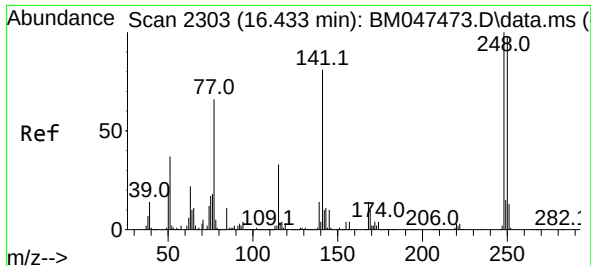
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#67
N-Nitrosodiphenylamine
Concen: 3.739 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

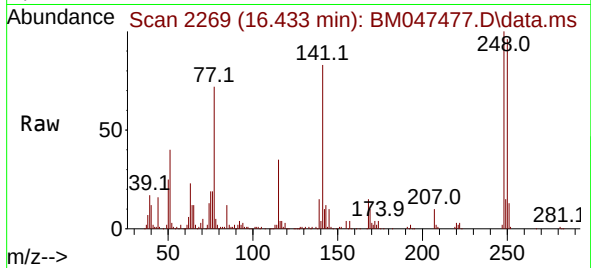
Tgt Ion:169 Resp: 288481
Ion Ratio Lower Upper
169 100
168 69.7 55.3 82.9
167 37.9 29.5 44.3





#68
4-Bromophenyl-phenylether
Concen: 3.818 ng/ul
RT: 16.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

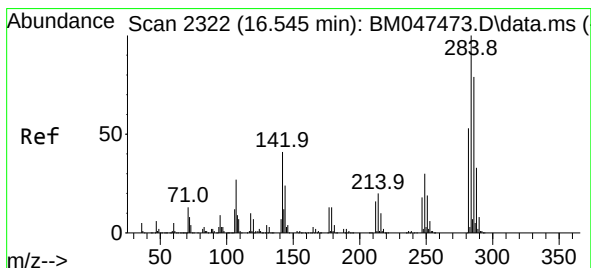
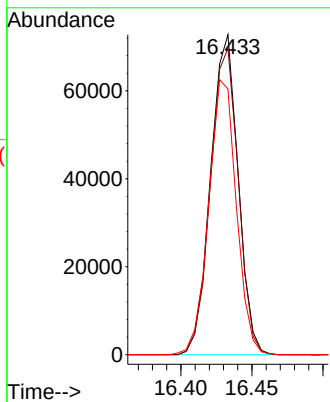
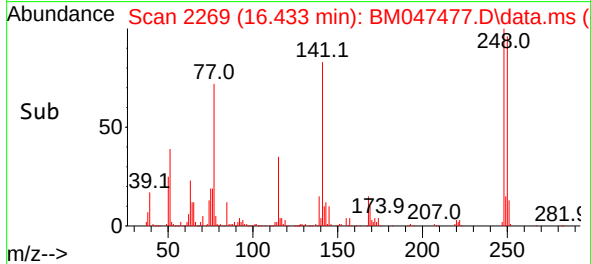
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:248 Resp: 9804
Ion Ratio Lower Upper
248 100
250 95.8 78.7 118.1
141 83.0 69.1 103.7

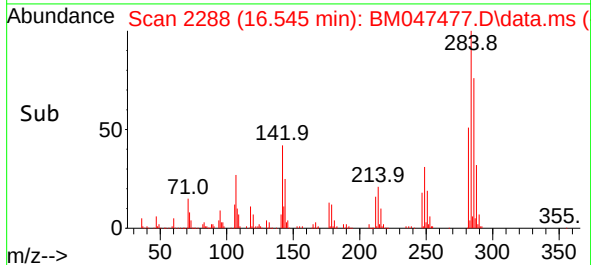
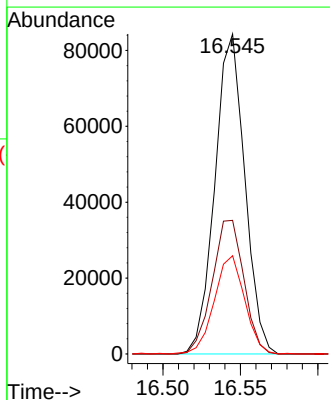
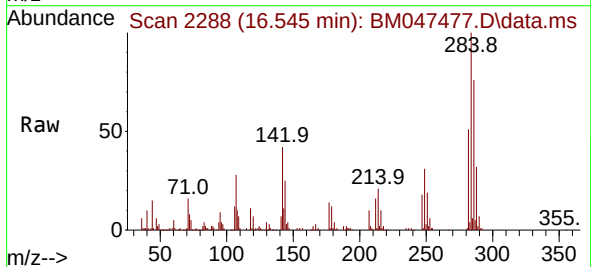
Manual Integrations
APPROVED

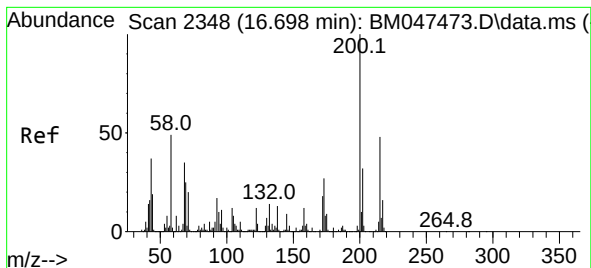
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#69
Hexachlorobenzene
Concen: 3.858 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion:284 Resp: 113185
Ion Ratio Lower Upper
284 100
142 41.8 35.4 53.2
249 30.7 25.1 37.7





#70

Atrazine

Concen: 3.556 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

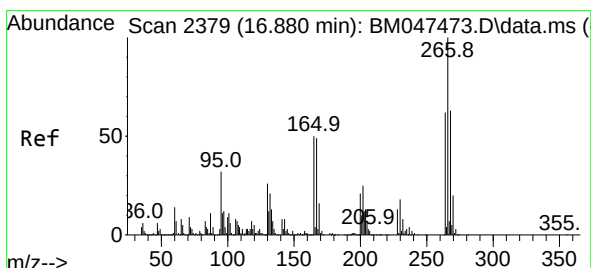
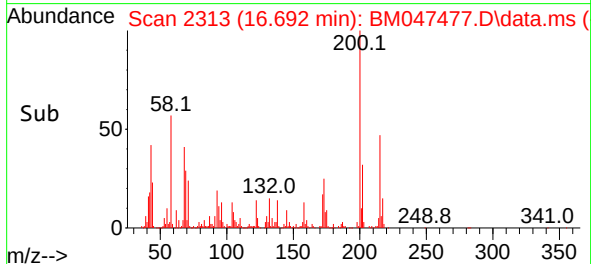
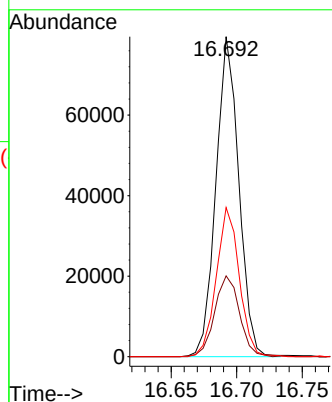
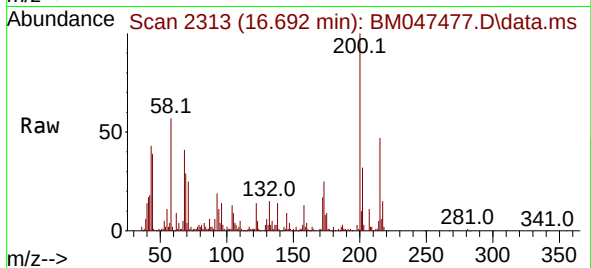
MDL-SOIL-QT3-2024-05

Tgt Ion:	200	Resp:	96378
Ion Ratio	Lower	Upper	
200	100		
173	25.2	22.3	33.5
215	46.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71

Pentachlorophenol

Concen: 5.029 ng/ul

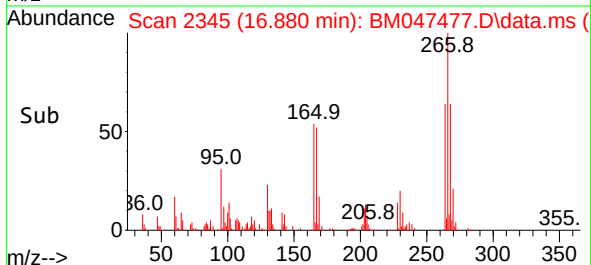
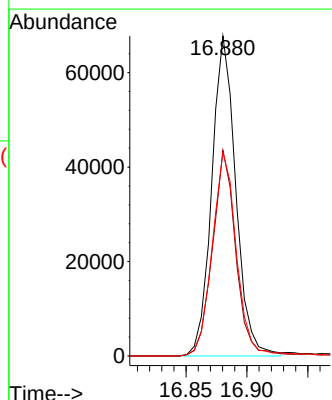
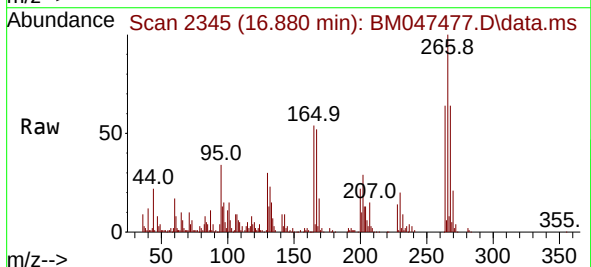
RT: 16.880 min Scan# 2345

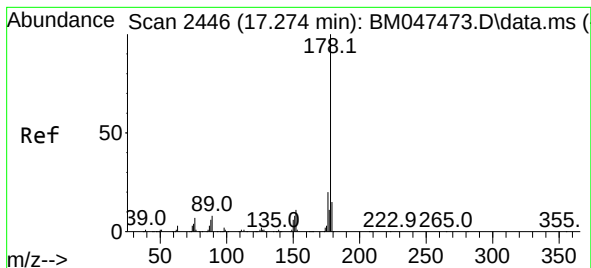
Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

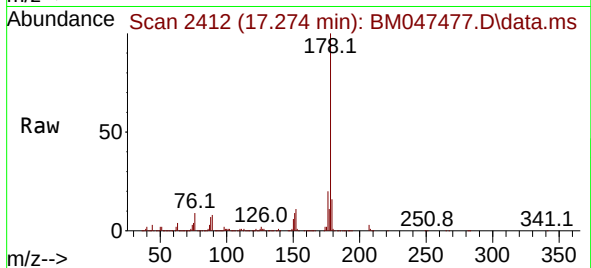
Tgt Ion:	266	Resp:	92856
Ion Ratio	Lower	Upper	
266	100		
264	64.3	49.5	74.3
268	63.7	51.0	76.4





#72
Phenanthrene
Concen: 3.930 ng/u1
RT: 17.274 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

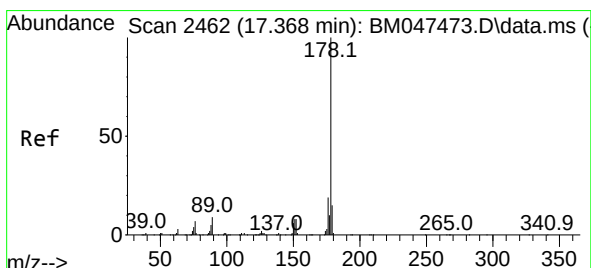
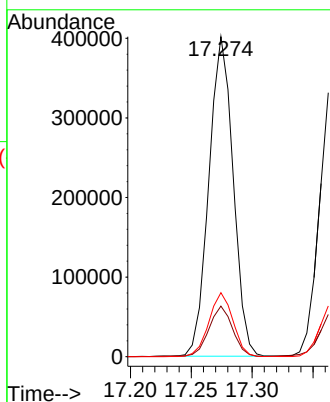
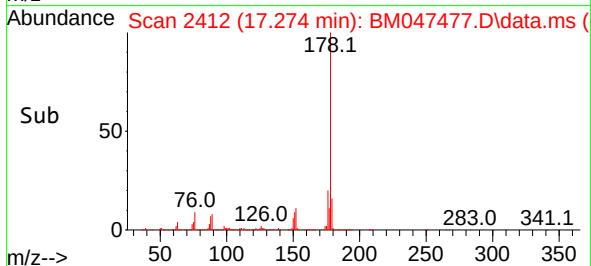
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



Tgt Ion:178 Resp: 556538
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 20.0 15.5 23.3

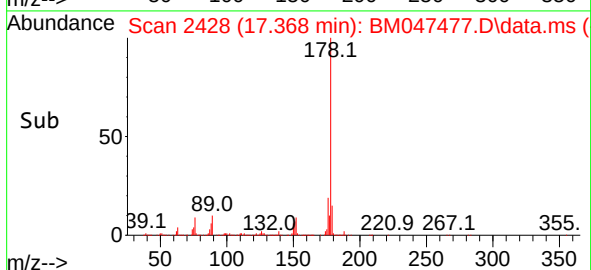
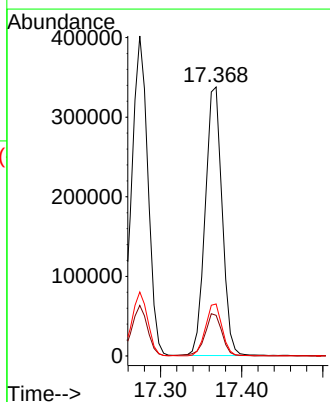
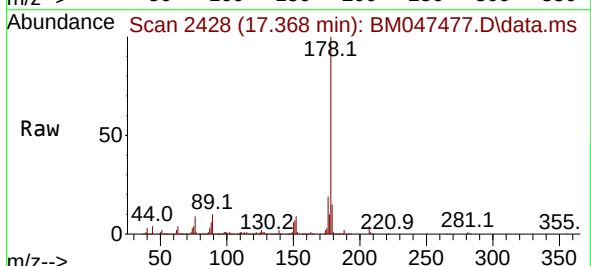
Manual Integrations
APPROVED

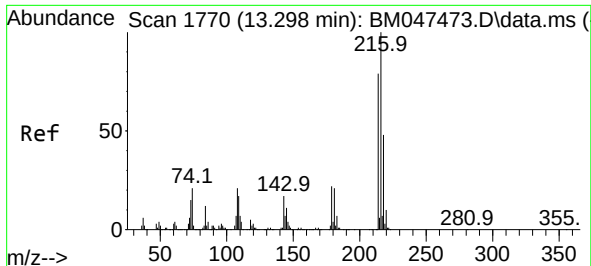
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#74
Anthracene
Concen: 3.394 ng/u1
RT: 17.368 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

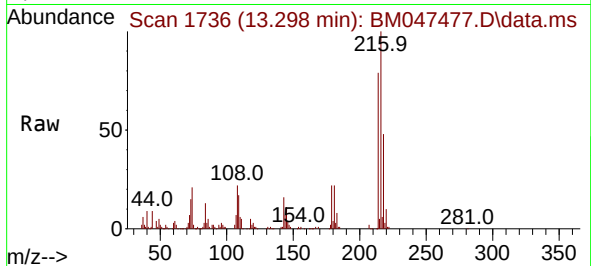
Tgt Ion:178 Resp: 486554
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 19.4 15.4 23.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.696 ng/uL
RT: 13.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

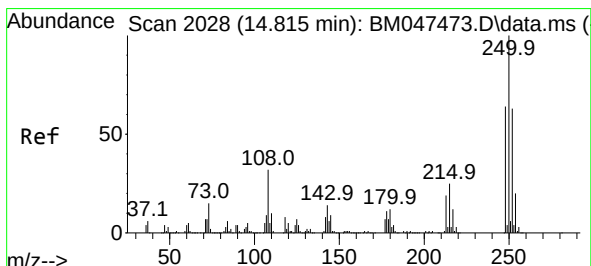
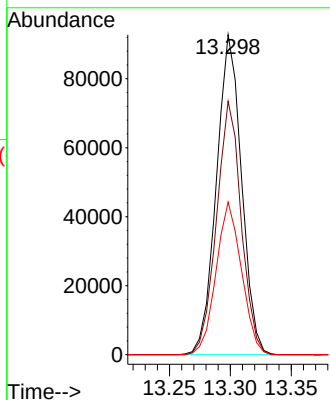
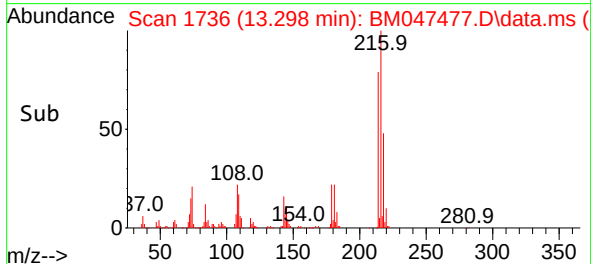
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



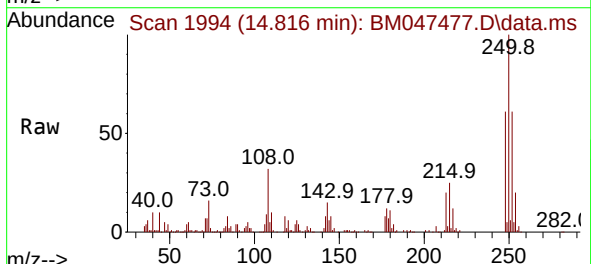
Tgt Ion:216 Resp: 13338
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
218 47.7 39.0 58.4

Manual Integrations
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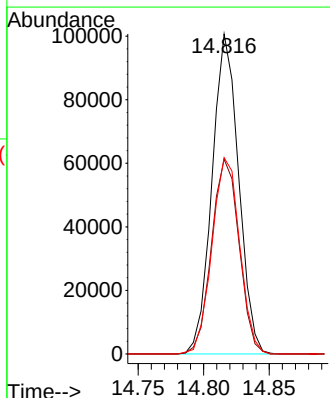
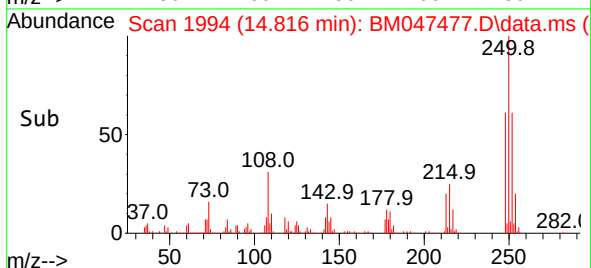
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

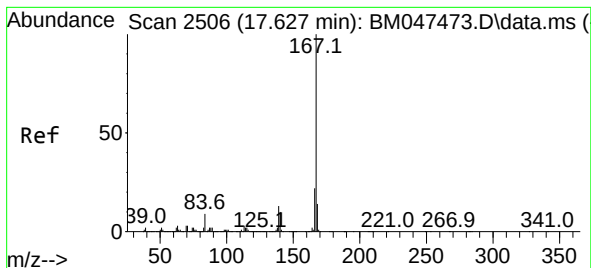


#76
Pentachlorobenzene
Concen: 3.974 ng/uL
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



Tgt Ion:250 Resp: 141656
Ion Ratio Lower Upper
250 100
248 60.8 49.5 74.3
252 61.3 50.6 75.8





#77

Carbazole

Concen: 3.676 ng/ul

RT: 17.627 min Scan# 2472

Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-05

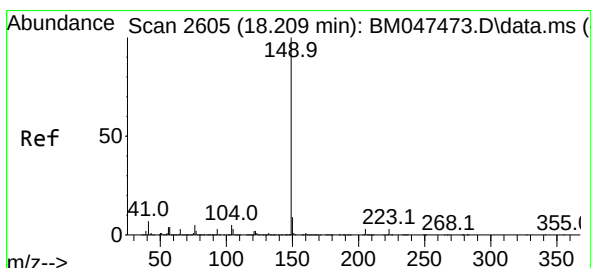
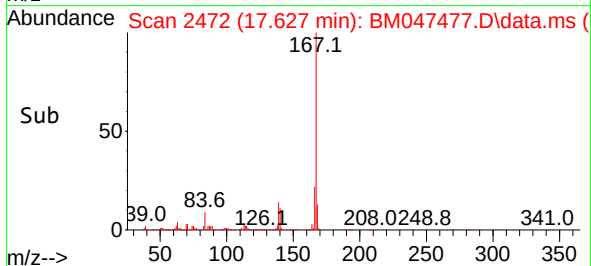
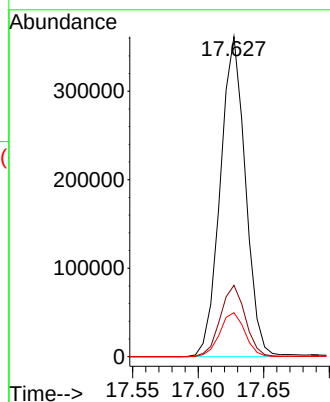
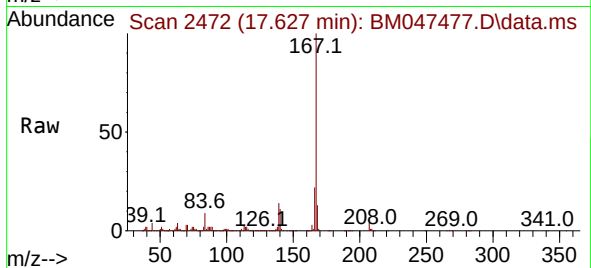
Tgt Ion:167 Resp: 481920

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.7	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#78

Di-n-butylphthalate

Concen: 3.696 ng/ul

RT: 18.210 min Scan# 2571

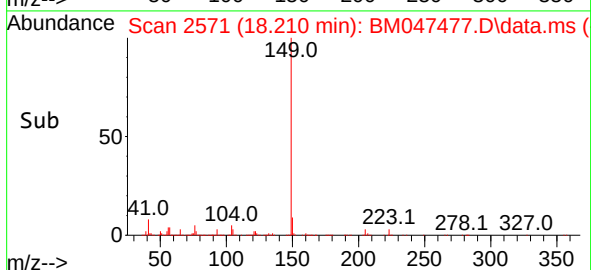
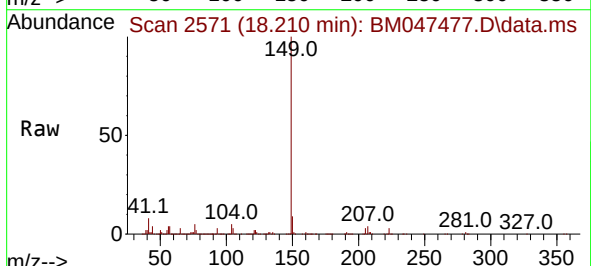
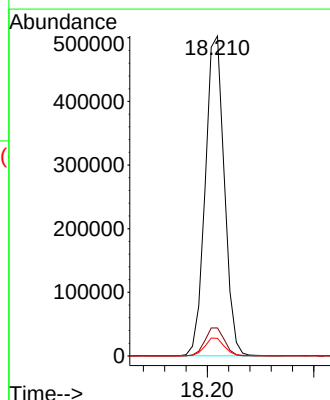
Delta R.T. -0.000 min

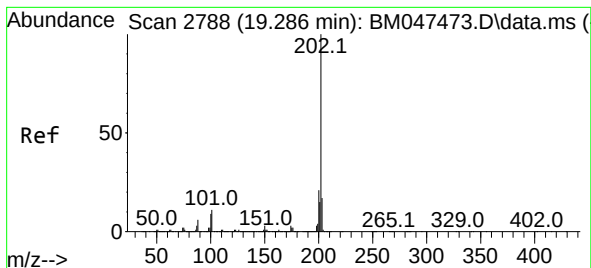
Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Tgt Ion:149 Resp: 624583

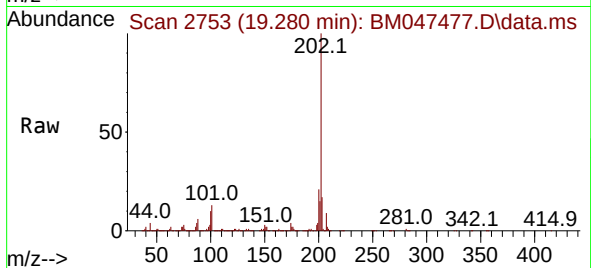
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	5.5	4.2	6.4





#80
Fluoranthene
Concen: 3.961 ng/ul
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

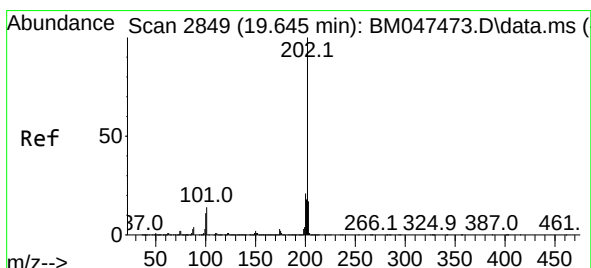
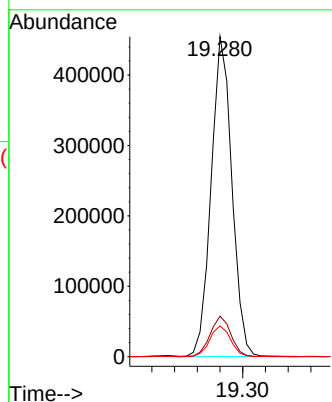
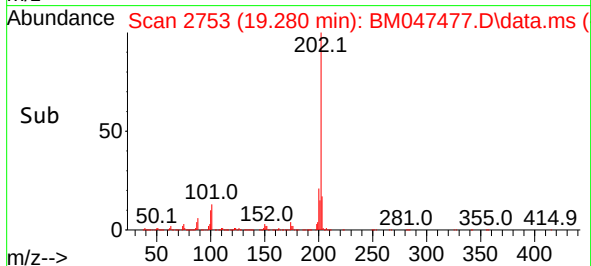
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



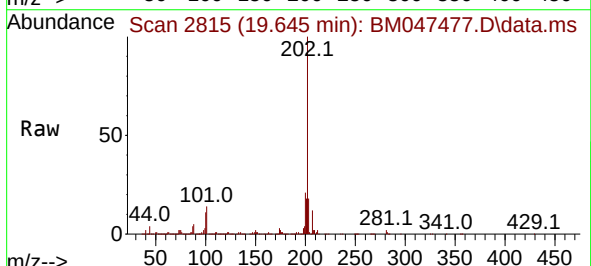
Tgt Ion:202 Resp: 576194
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.6 7.3 10.9

Manual Integrations
APPROVED

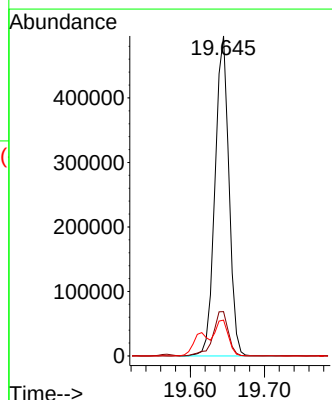
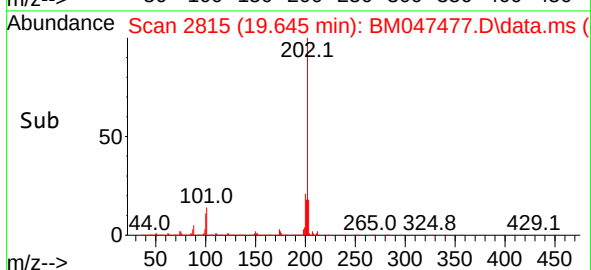
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

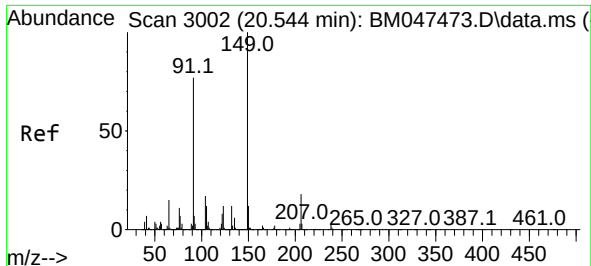


#82
Pyrene
Concen: 4.163 ng/ul
RT: 19.645 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



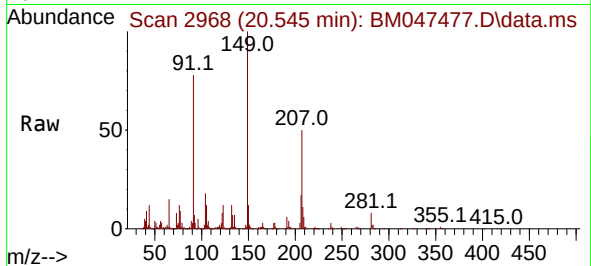
Tgt Ion:202 Resp: 645465
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.2 9.1 13.7





#83
Butylbenzylphthalate
Concen: 3.410 ng/ul
RT: 20.545 min Scan# 241369
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

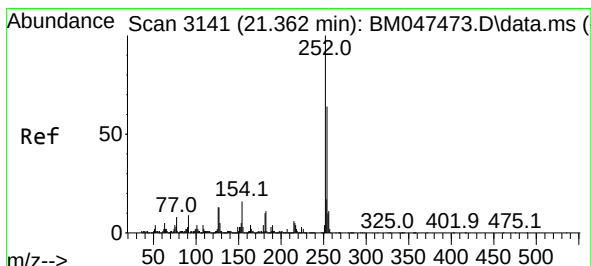
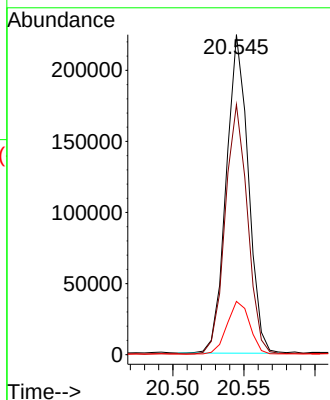
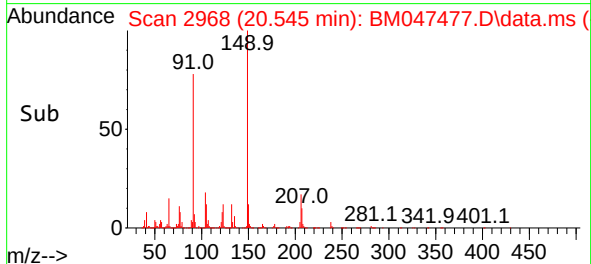
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-05



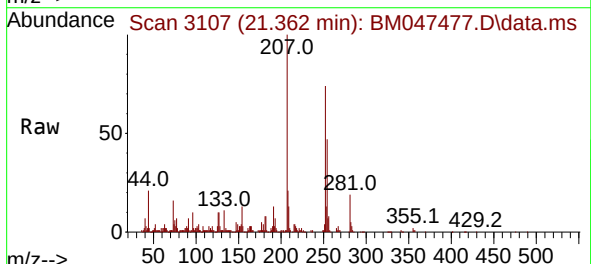
Tgt Ion:149 Resp: 241369
Ion Ratio Lower Upper
149 100
91 78.2 58.2 87.2
206 16.6 14.7 22.1

Manual Integrations
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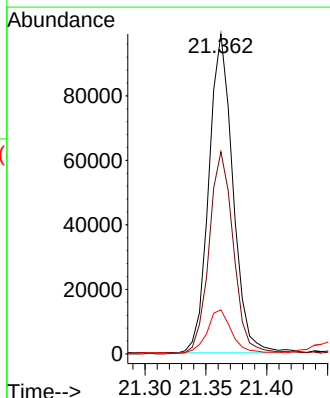
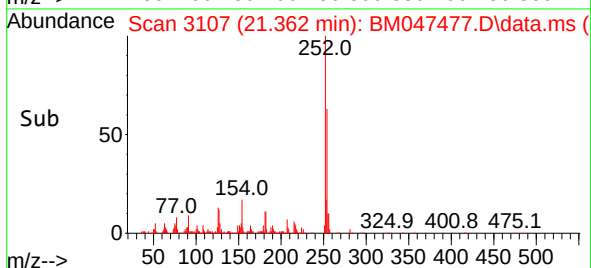
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

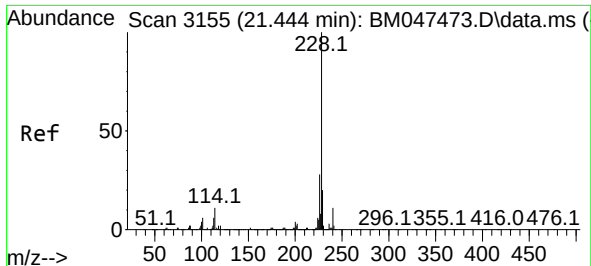


#84
3,3'-Dichlorobenzidine
Concen: 2.704 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51



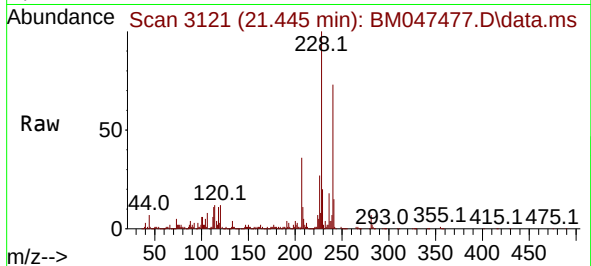
Tgt Ion:252 Resp: 135392
Ion Ratio Lower Upper
252 100
254 63.2 50.9 76.3
126 13.8 10.2 15.4





#85
Benzo(a)anthracene
Concen: 3.884 ng/ul
RT: 21.445 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

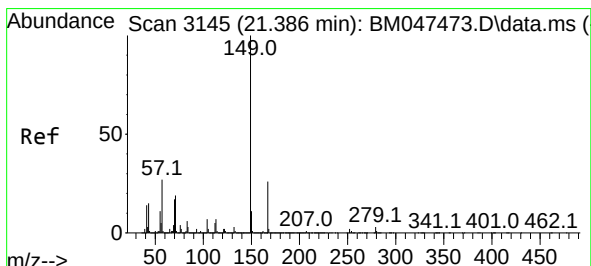
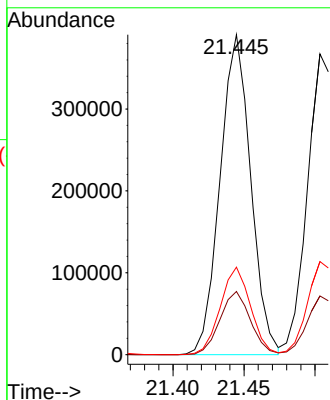
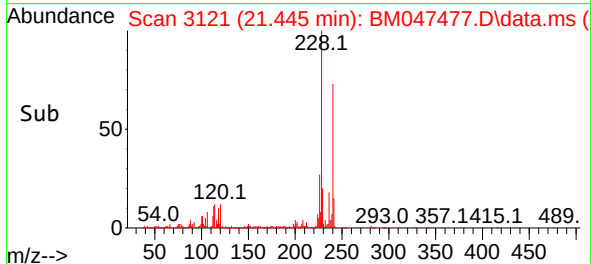
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05



Tgt Ion:228 Resp: 587448
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.4 21.9 32.9

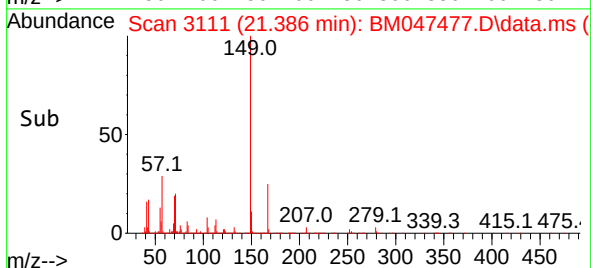
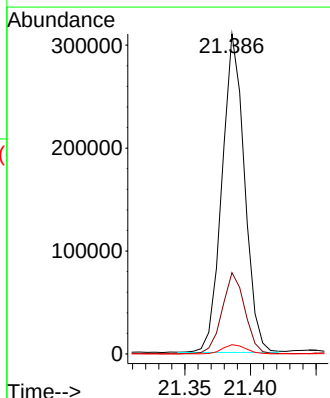
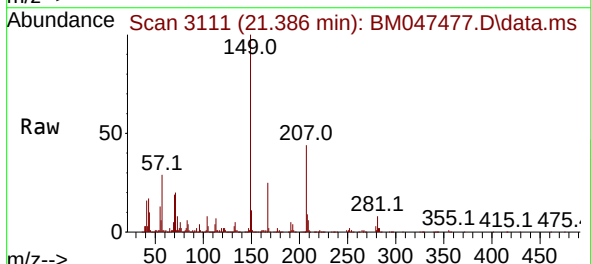
Manual Integrations
APPROVED

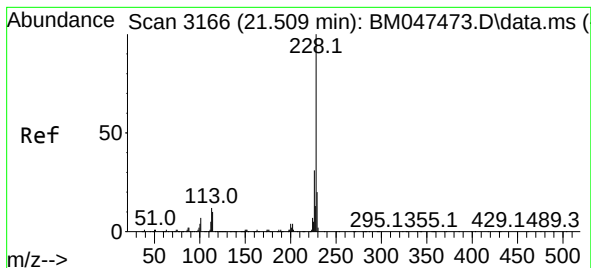
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.440 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM047477.D
Acq: 11 Sep 2024 11:51

Tgt Ion:149 Resp: 369141
Ion Ratio Lower Upper
149 100
167 25.4 20.9 31.3
279 2.9 2.6 4.0





#87

Chrysene

Concen: 3.901 ng/ul

RT: 21.503 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

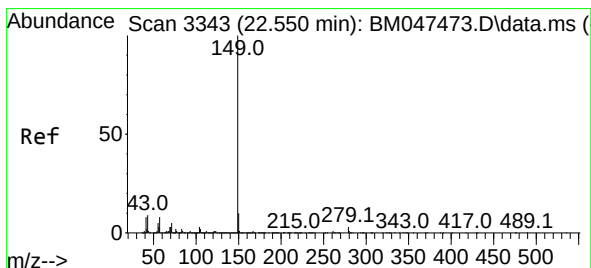
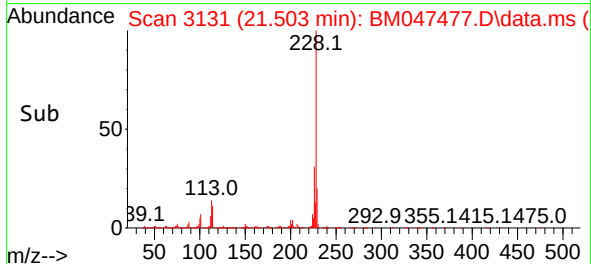
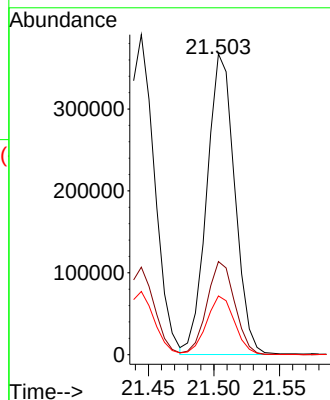
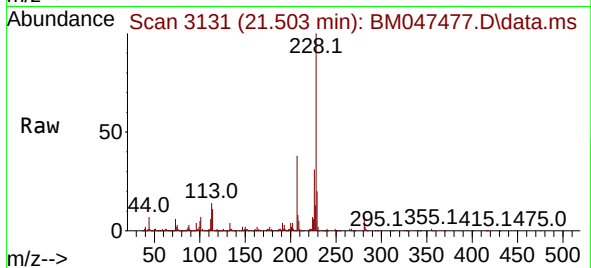
MDL-SOIL-QT3-2024-05

Tgt Ion:228 Resp: 544420
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.4
 229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#89

Di-n-octyl phthalate

Concen: 3.641 ng/ul

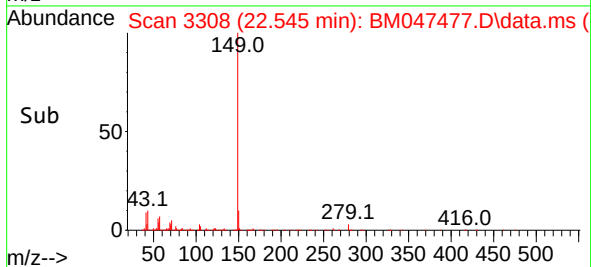
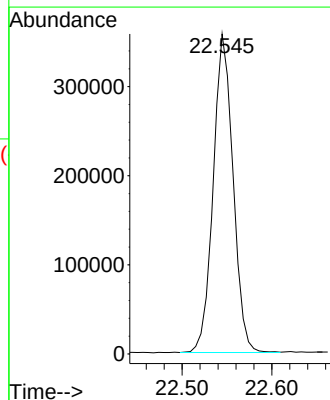
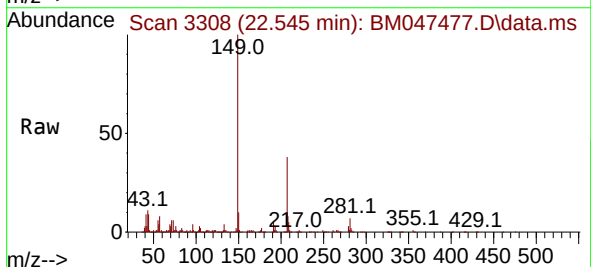
RT: 22.545 min Scan# 3308

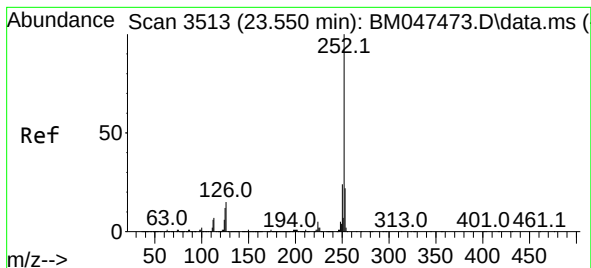
Delta R.T. -0.012 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Tgt Ion:149 Resp: 548704





#90

Benzo(b)fluoranthene

Concen: 4.155 ng/ul

RT: 23.544 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion:252 Resp: 503218

Ion Ratio Lower Upper

252 100

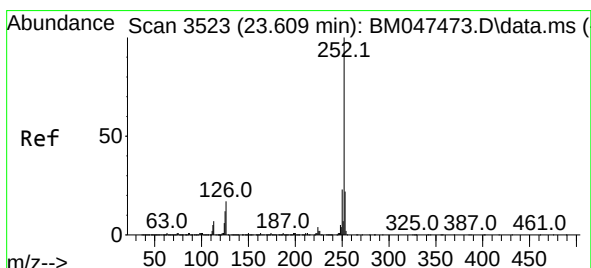
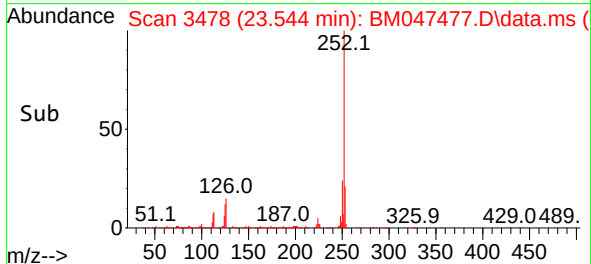
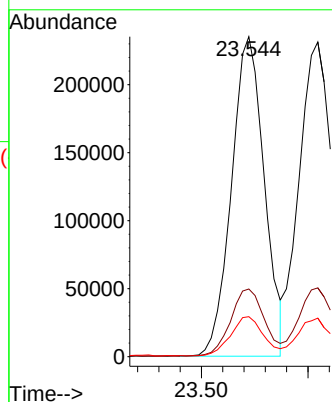
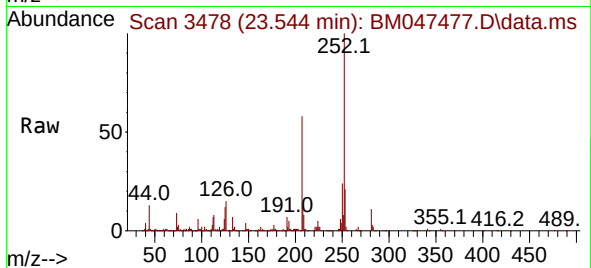
253 21.1 17.5 26.3

125 12.5 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#91

Benzo(k)fluoranthene

Concen: 4.265 ng/ul

RT: 23.609 min Scan# 3489

Delta R.T. -0.012 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

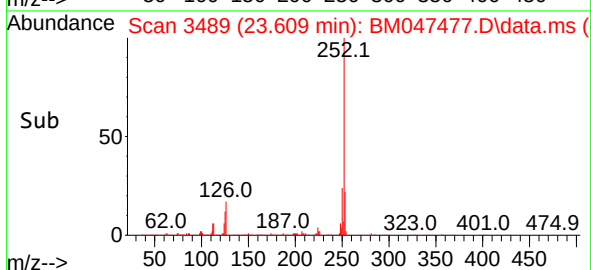
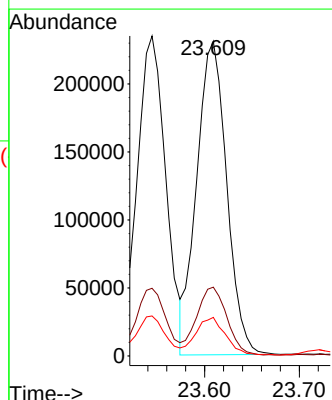
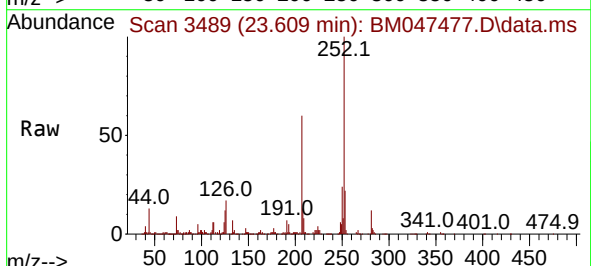
Tgt Ion:252 Resp: 507294

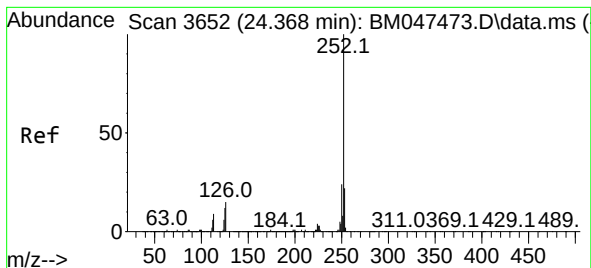
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 12.3 8.9 13.3





#93

Benzo(a)pyrene

Concen: 4.182 ng/ul

RT: 24.368 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-05

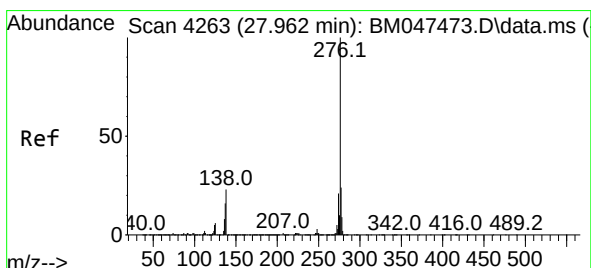
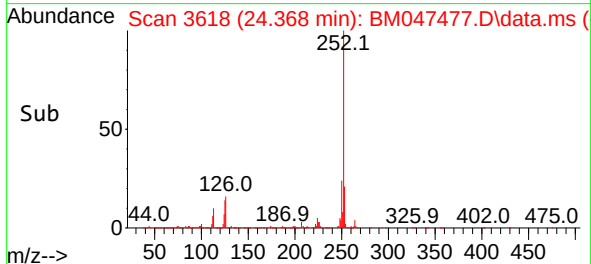
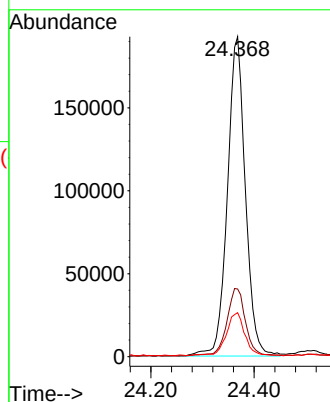
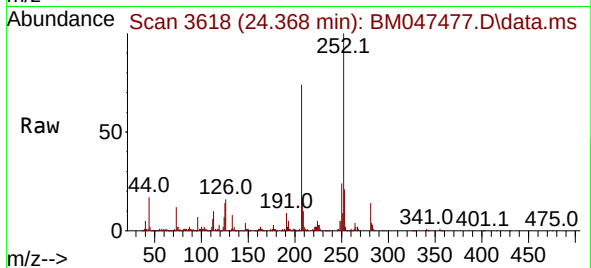
Tgt Ion:252 Resp: 46524

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	13.8	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.433 ng/ul

RT: 27.956 min Scan# 4228

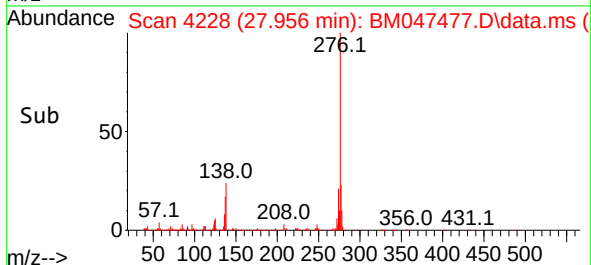
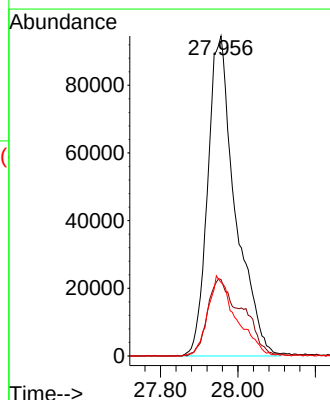
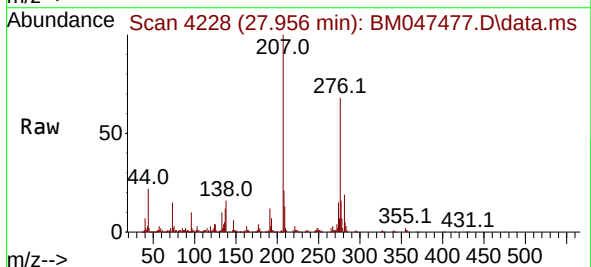
Delta R.T. -0.018 min

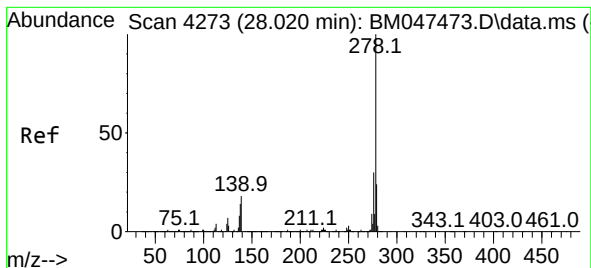
Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Tgt Ion:276 Resp: 468331

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.1	27.1
277	23.0	19.0	28.6





#95

Dibenzo(a,h)anthracene

Concen: 3.538 ng/ul

RT: 28.015 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Instrument :

BNA_M

ClientSampleId :

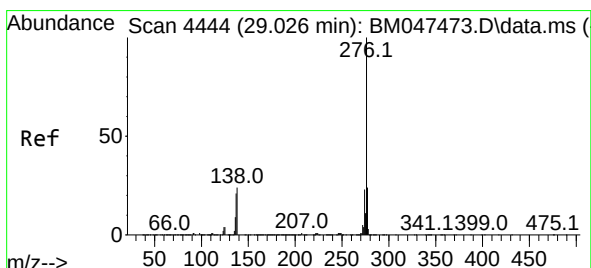
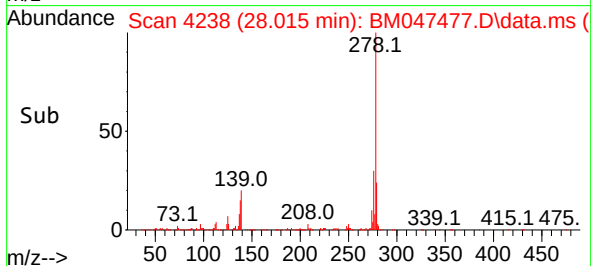
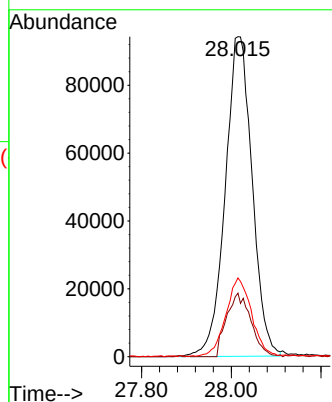
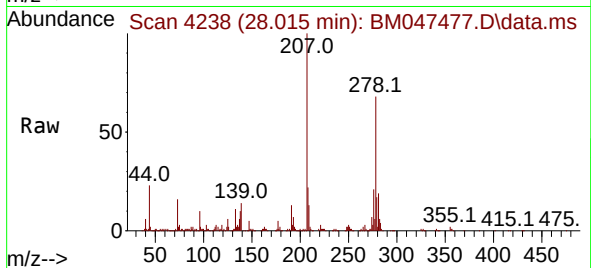
MDL-SOIL-QT3-2024-05

Tgt Ion:	278	Resp:	39304
Ion Ratio	Lower	Upper	
278	100		
139	19.8	13.8	20.8
279	24.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#96

Benzo(g,h,i)perylene

Concen: 3.575 ng/ul

RT: 29.015 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BM047477.D

Acq: 11 Sep 2024 11:51

Tgt Ion:	276	Resp:	372605
Ion Ratio	Lower	Upper	
276	100		
138	25.9	19.4	29.2
277	23.0	18.8	28.2

