

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047738.D
 Acq On : 01 Oct 2024 11:46
 Operator : RC/JU
 Sample : P3391-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Oct 01 23:00:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	262079	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1098169	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	669732	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1353451	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1266741	20.000	ng/u1	0.00
88) Perylene-d12	24.409	264	1356387	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	31207	3.848	ng/uL	0.00
4) Pyridine-d5	3.675	84	465215	19.592	ng/u1	0.00
7) Phenol-d5	6.975	99	513828	20.734	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	315676	17.951	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	412290	22.866	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	354927	19.263	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	200941	22.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	208924	24.934	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	384462	22.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	506739	19.582	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1040512	21.429	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1254994	21.799	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	189287	19.580	ng/u1	0.00
60) Fluorene-d10	15.433	176	937397	22.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	132681	16.752	ng/u1	0.00
73) Anthracene-d10	17.280	188	1177107	17.687	ng/u1	0.00
81) Pyrene-d10	19.568	212	1603963	22.310	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.203	264	1624927	23.089	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.693	79	86398	3.456	ng/u1	88
6) Benzaldehyde	6.951	77	60499m	4.489	ng/u1	
8) Phenol	6.998	94	99906	3.789	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.228	93	82576	3.930	ng/u1	90
12) 2-Chlorophenol	7.375	128	82216	4.304	ng/u1	93
13) 2-Methylphenol	8.251	108	65148	3.543	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.334	45	122255	3.091	ng/u1#	95
16) Acetophenone	8.628	105	124554	3.951	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.616	70	59244	3.548	ng/u1#	90
18) 4-Methylphenol	8.575	108	74973	3.628	ng/u1	96
19) Hexachloroethane	8.892	117	34782	4.051	ng/u1	88
22) Nitrobenzene	9.004	77	93640	3.770	ng/u1	92
23) Isophorone	9.534	82	165845	3.733	ng/u1	96
25) 2-Nitrophenol	9.716	139	43250	4.512	ng/u1#	86
26) 2,4-Dimethylphenol	9.781	107	28183	1.372	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.010	93	105545	3.884	ng/u1	97
29) 2,4-Dichlorophenol	10.251	162	75741	4.382	ng/u1	97
30) Naphthalene	10.651	128	268145	4.245	ng/u1	98
32) 4-Chloroaniline	10.757	127	98359	3.860	ng/u1	100
33) Hexachlorobutadiene	10.945	225	51006	4.466	ng/u1	97
34) Caprolactam	11.539	113	33385m	6.040	ng/u1	
35) 4-Chloro-3-methylphenol	11.881	107	68051	3.804	ng/u1	92
36) 2-Methylnaphthalene	12.263	142	172000	4.285	ng/u1	94
37) 1-Methylnaphthalene	12.486	142	176503	4.322	ng/u1	99

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Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

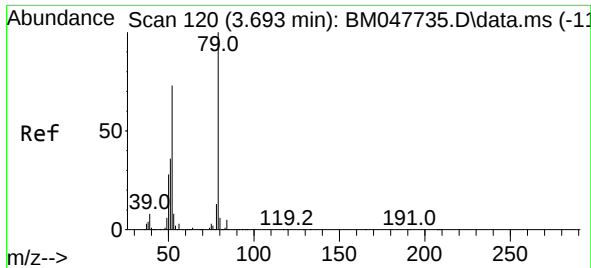
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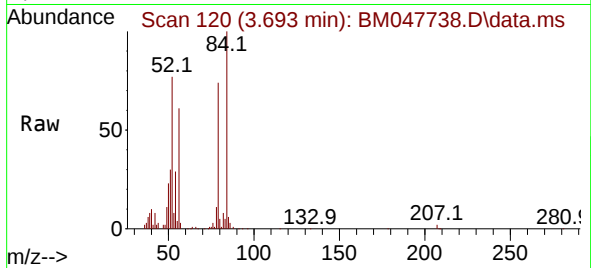
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.633	216	92642	4.249	ng/ul	95
40) Hexachlorocyclopentadiene	12.616	237	31733	2.407	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	53440	4.236	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	53852	3.904	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	218448	4.074	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	175971	4.243	ng/ul	95
45) 2-Nitroaniline	13.516	65	40281	3.060	ng/ul#	81
47) Dimethylphthalate	13.898	163	203924	4.147	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	32410	3.753	ng/ul	96
50) Acenaphthylene	14.163	152	288189	4.439	ng/ul	98
51) 3-Nitroaniline	14.339	138	32683	3.127	ng/ul#	92
52) Acenaphthene	14.510	153	188179	4.100	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	21549m	4.038	ng/ul	
55) 4-Nitrophenol	14.645	109	30693	3.781	ng/ul	93
56) Dibenzofuran	14.839	168	259855	4.206	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	51716	3.987	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.069	232	48973	4.504	ng/ul#	94
59) Diethylphthalate	15.263	149	200638	4.078	ng/ul	98
61) Fluorene	15.486	166	213501	4.142	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	103507	4.250	ng/ul	96
63) 4-Nitroaniline	15.498	138	32942m	3.245	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.557	198	32305	3.681	ng/ul#	97
67) N-Nitrosodiphenylamine	15.692	169	164726	3.906	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	61556	4.412	ng/ul	93
69) Hexachlorobenzene	16.492	284	71569	4.408	ng/ul	92
70) Atrazine	16.645	200	55988	3.988	ng/ul	97
71) Pentachlorophenol	16.833	266	66003	6.393	ng/ul	97
72) Phenanthrene	17.221	178	325620	4.103	ng/ul	99
74) Anthracene	17.310	178	278903	3.445	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	87432	3.902	ng/uL	99
76) Pentachlorobenzene	14.763	250	90749	4.149	ng/uL	99
77) Carbazole	17.580	167	284432	3.876	ng/ul	97
78) Di-n-butylphthalate	18.145	149	320909	3.928	ng/ul	99
80) Fluoranthene	19.233	202	361967	4.275	ng/ul	98
82) Pyrene	19.592	202	394892	4.190	ng/ul	97
83) Butylbenzylphthalate	20.492	149	133532	4.008	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.309	252	93832	3.506	ng/ul	97
85) Benzo(a)anthracene	21.386	228	372626	4.201	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.315	149	201490	4.028	ng/ul	98
87) Chrysene	21.450	228	362771	4.196	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	327976	3.749	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	368020	4.351	ng/ul	97
91) Benzo(k)fluoranthene	23.521	252	383609	4.435	ng/ul	97
93) Benzo(a)pyrene	24.268	252	357627	4.452	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.791	276	436452	4.239	ng/ul	97
95) Dibenzo(a,h)anthracene	27.844	278	357450	4.237	ng/ul	98
96) Benzo(g,h,i)perylene	28.838	276	362446	4.493	ng/ul	98

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



#5
Pyridine
Concen: 3.456 ng/ul
RT: 3.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

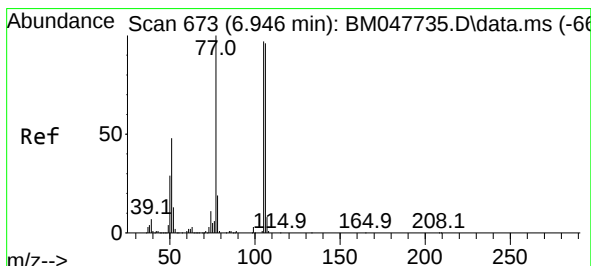
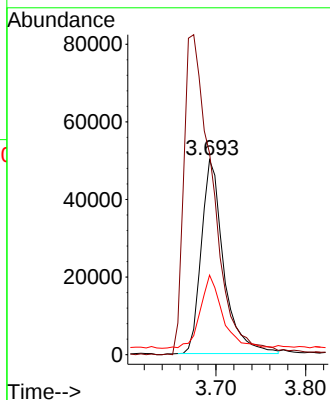
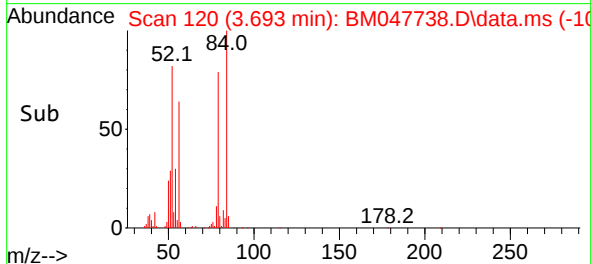
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 79 Resp: 86398
Ion Ratio Lower Upper
79 100
52 103.4 69.4 104.2
51 40.8 32.6 49.0

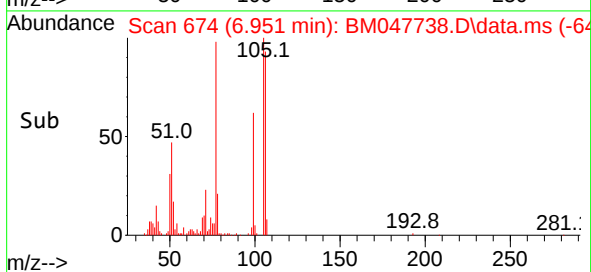
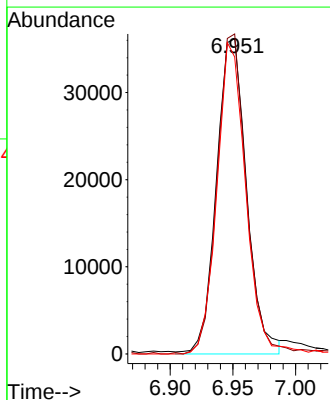
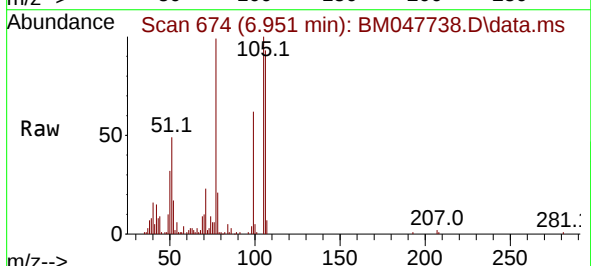
Manual Integrations
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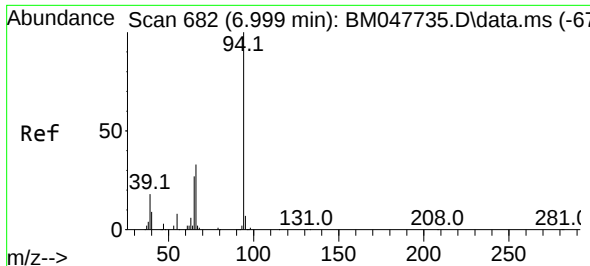
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#6
Benzaldehyde
Concen: 4.489 ng/ul m
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

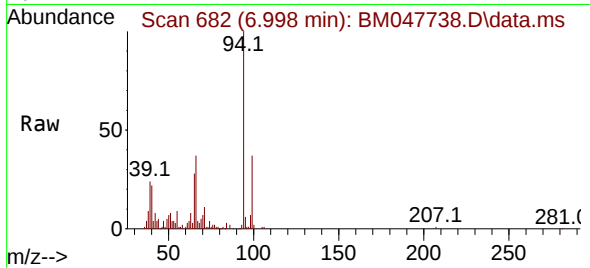
Tgt Ion: 77 Resp: 60499
Ion Ratio Lower Upper
77 100
105 101.5 72.2 108.2
106 94.2 70.7 106.1





#8
Phenol
Concen: 3.789 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

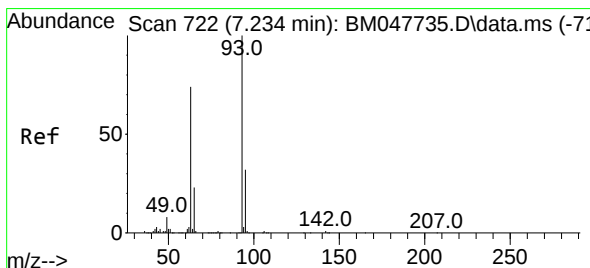
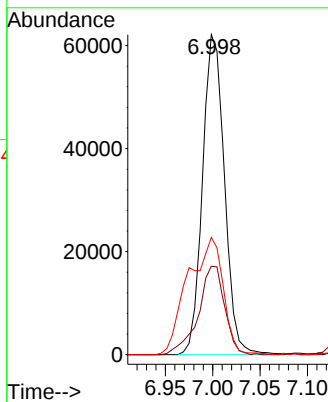
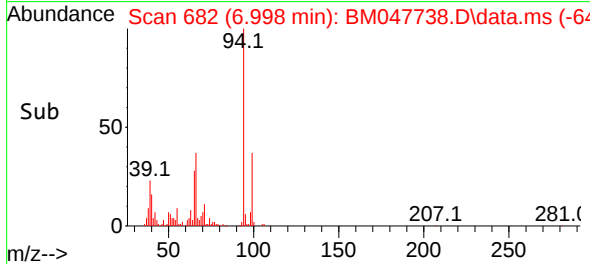
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 94 Resp: 99900
Ion Ratio Lower Upper
94 100
65 27.7 26.3 39.5
66 36.6 30.5 45.7

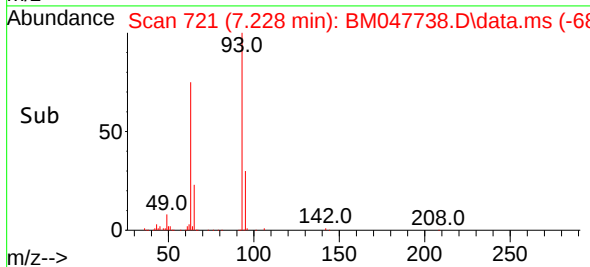
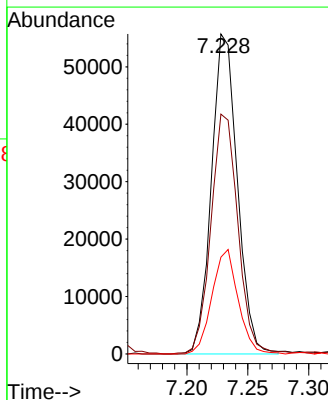
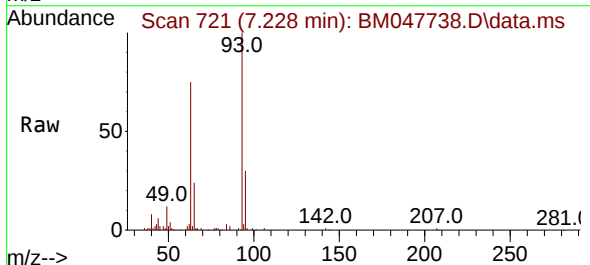
Manual Integrations
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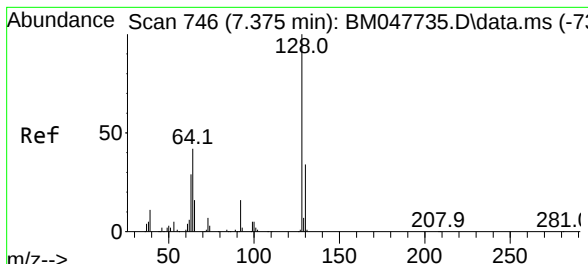
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#10
Bis(2-Chloroethyl)ether
Concen: 3.930 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion: 93 Resp: 82576
Ion Ratio Lower Upper
93 100
63 74.9 69.4 104.2
95 30.3 25.0 37.6





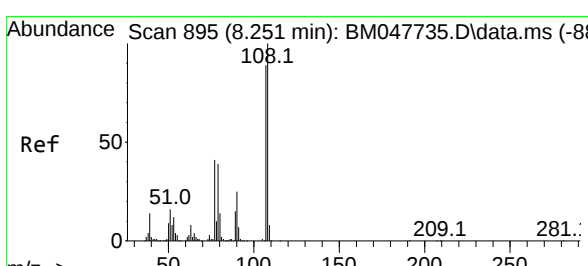
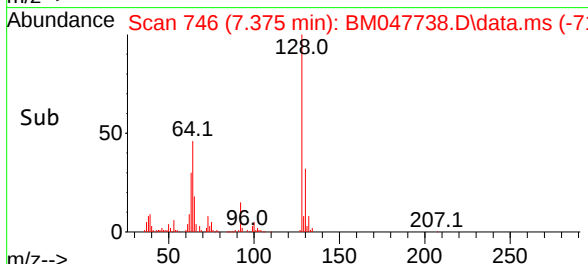
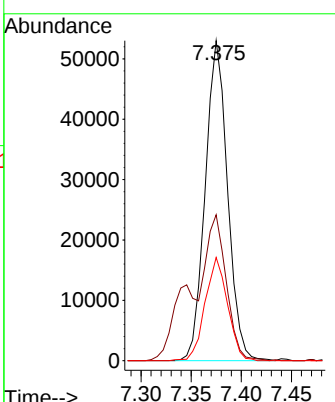
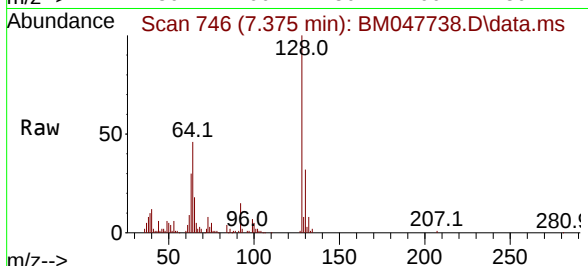
#12
 2-Chlorophenol
 Concen: 4.304 ng/ul
 RT: 7.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: BM047738.D
 Acq: 01 Oct 2024 11:46

Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion:	128	Resp:	82210
Ion Ratio	Lower	Upper	
128	100		
64	45.6	42.7	64.1
130	32.3	26.0	39.0

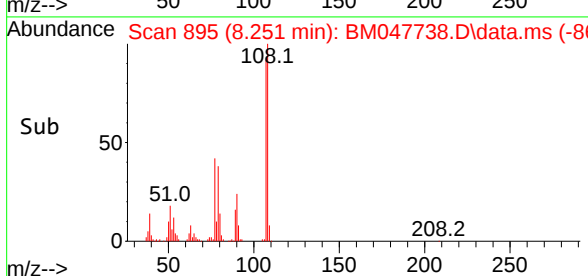
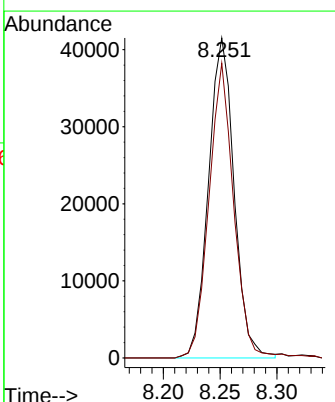
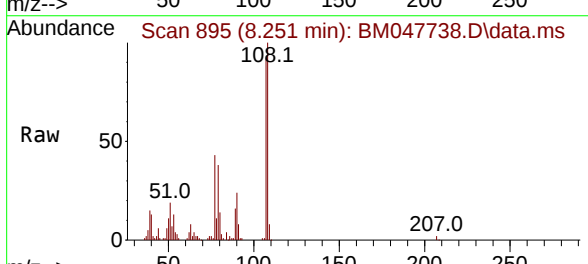
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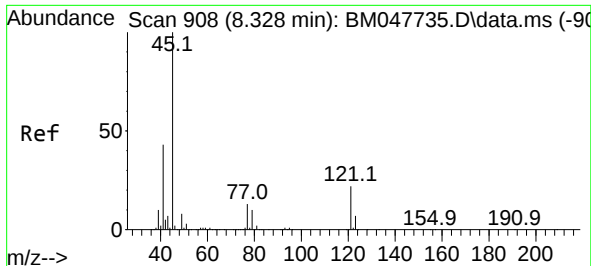
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024



#13
 2-Methylphenol
 Concen: 3.543 ng/ul
 RT: 8.251 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: BM047738.D
 Acq: 01 Oct 2024 11:46

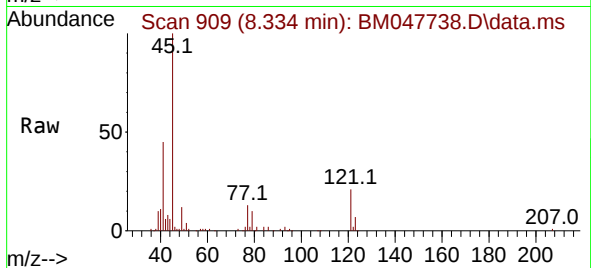
Tgt Ion:	108	Resp:	65148
Ion Ratio	Lower	Upper	
108	100		
107	92.1	69.3	103.9





#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.091 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: BM047738.D
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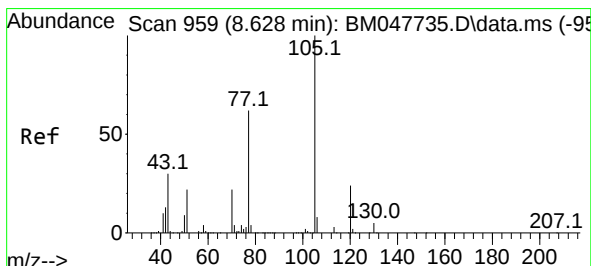
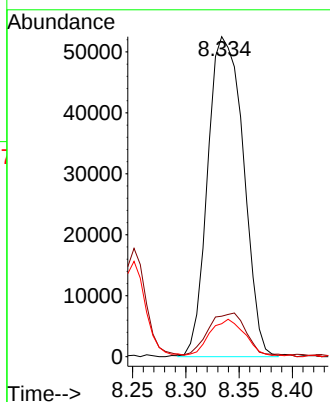
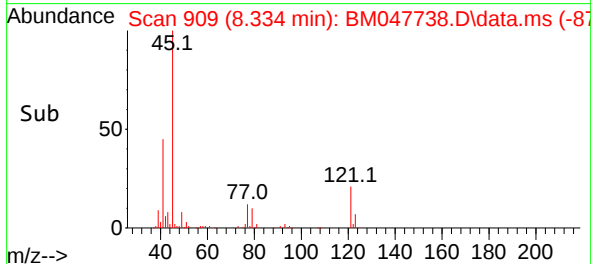
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BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 45 Resp: 12225
Ion Ratio Lower Upper
45 100
77 12.7 9.0 13.6
79 10.3 6.5 9.7

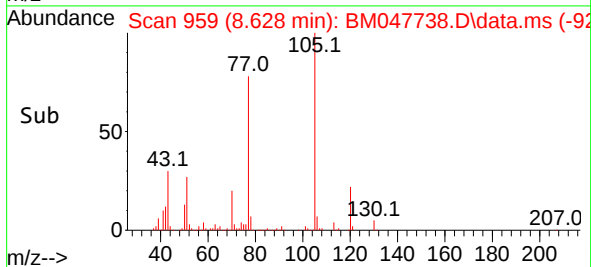
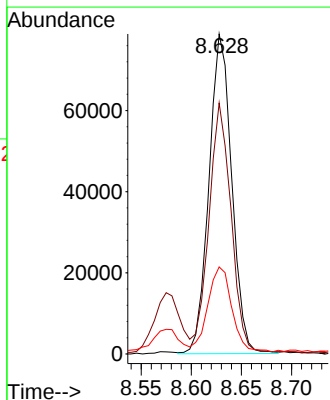
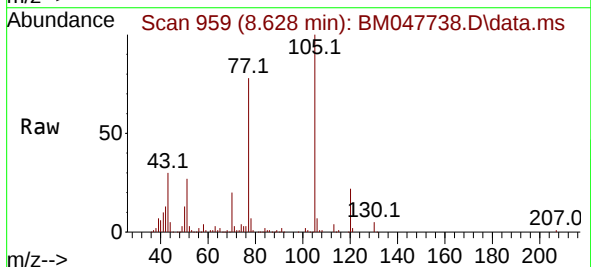
Manual Integrations
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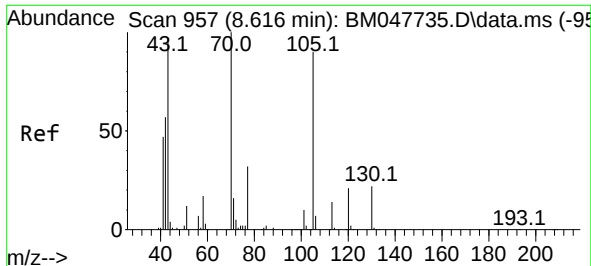
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#16
Acetophenone
Concen: 3.951 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

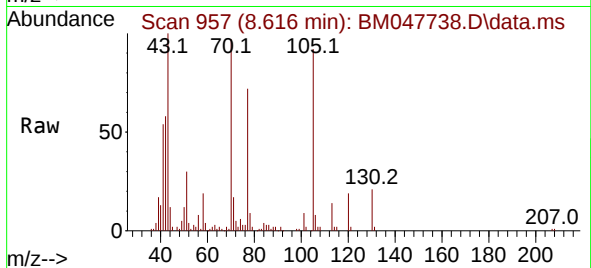
Tgt Ion:105 Resp: 124554
Ion Ratio Lower Upper
105 100
77 78.4 66.6 100.0
51 27.2 27.0 40.4





#17
N-Nitroso-di-n-propylamine
Concen: 3.548 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

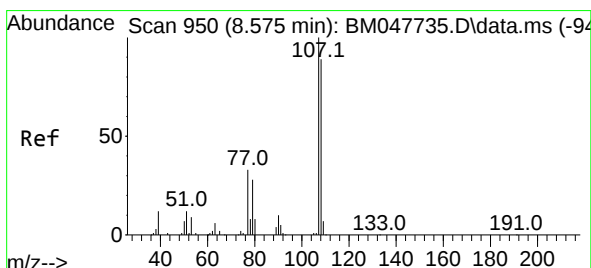
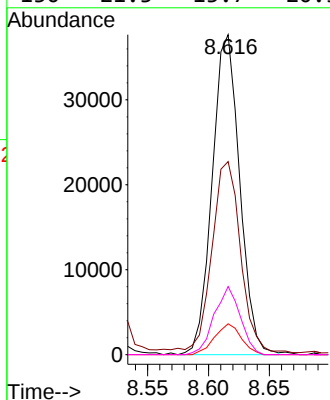
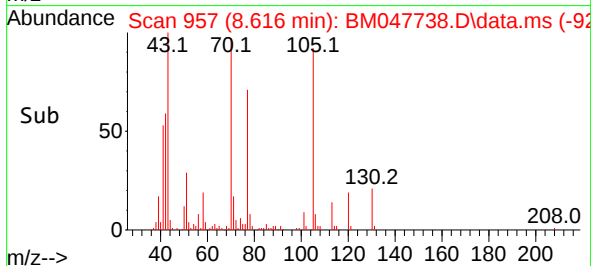
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 70 Resp: 59244
Ion Ratio Lower Upper
70 100
42 60.4 55.3 82.9
101 9.6 6.8 10.2
130 21.3 13.7 20.5#

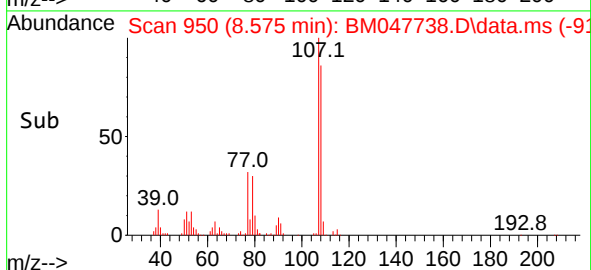
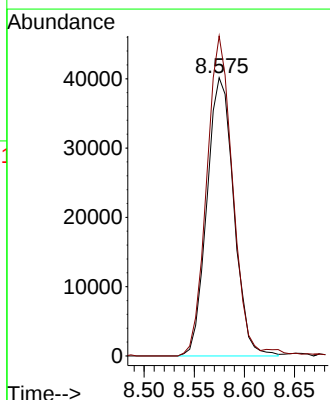
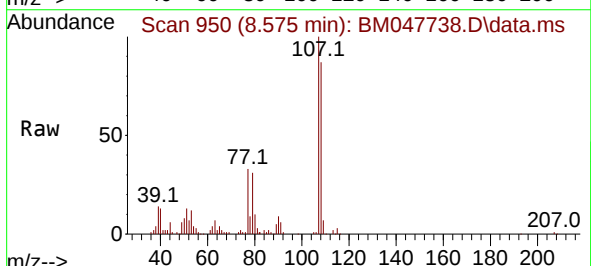
Manual Integrations
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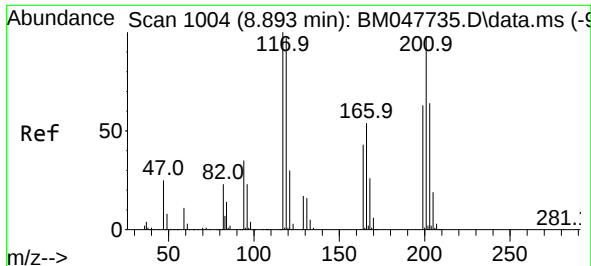
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#18
4-Methylphenol
Concen: 3.628 ng/ul
RT: 8.575 min Scan# 950
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:108 Resp: 74973
Ion Ratio Lower Upper
108 100
107 115.0 88.4 132.6





#19

Hexachloroethane

Concen: 4.051 ng/ul

RT: 8.892 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM047738.D

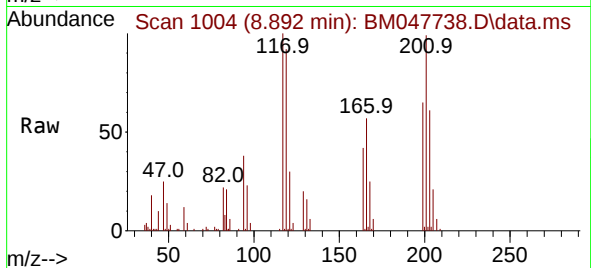
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion:117 Resp: 3478

Ion Ratio Lower Upper

117 100

201 99.2 71.0 106.6

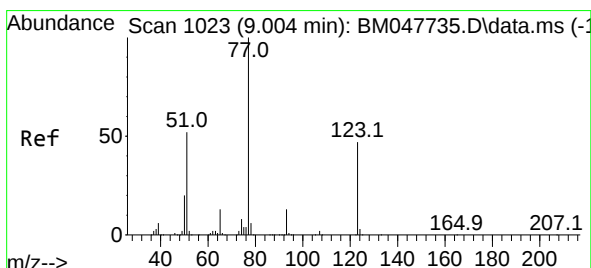
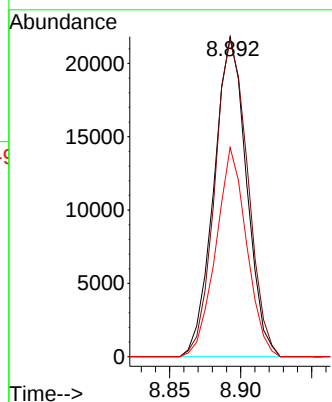
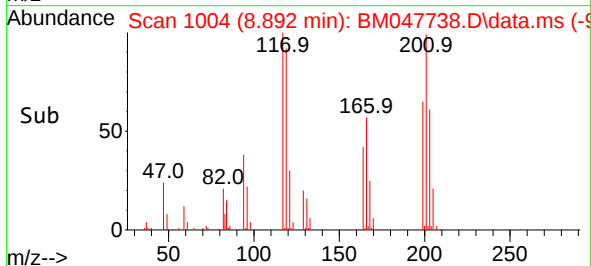
199 65.4 44.2 66.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#22

Nitrobenzene

Concen: 3.770 ng/ul

RT: 9.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

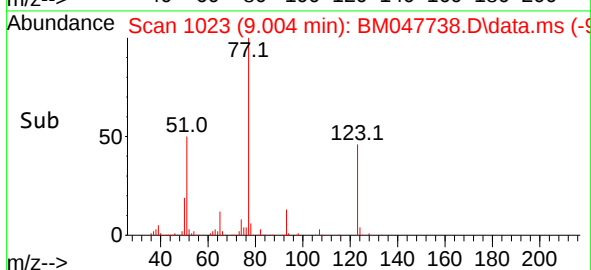
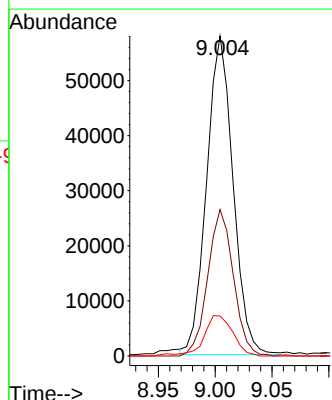
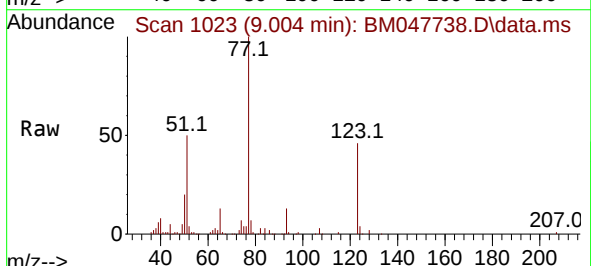
Tgt Ion: 77 Resp: 93640

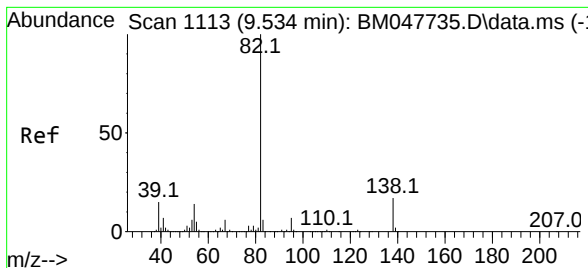
Ion Ratio Lower Upper

77 100

123 45.8 31.7 47.5

65 12.5 11.1 16.7





#23

Isophorone

Concen: 3.733 ng/ul

RT: 9.534 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BM047738.D

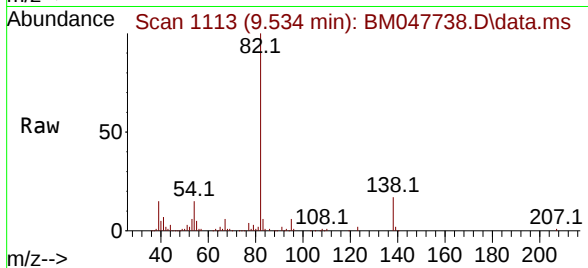
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



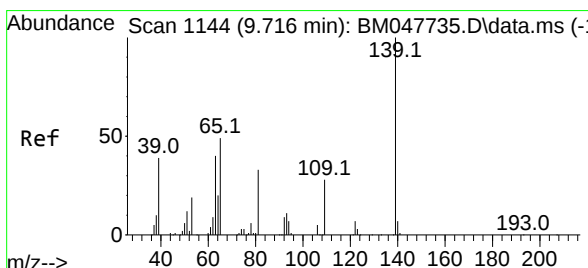
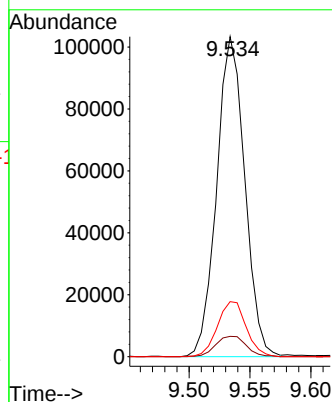
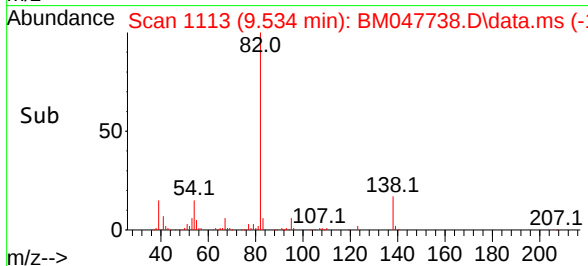
Tgt Ion:	82	Resp:	16584
Ion Ratio	Lower	Upper	
82	100		
95	6.3	4.9	7.3
138	17.2	12.0	18.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#25

2-Nitrophenol

Concen: 4.512 ng/ul

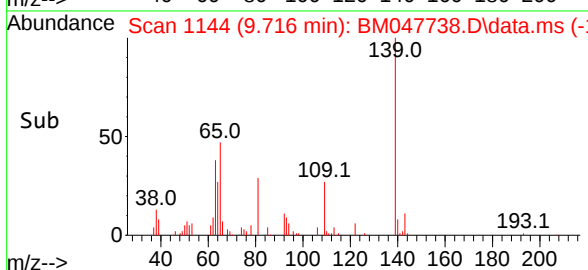
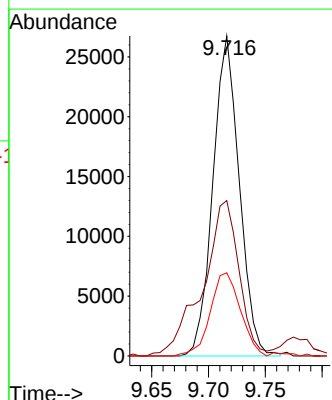
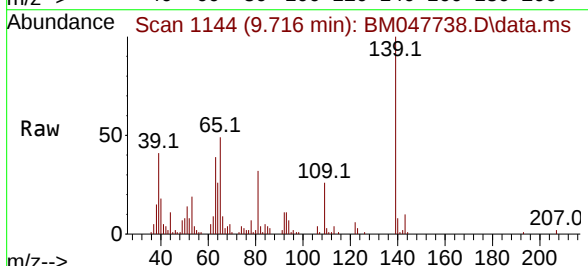
RT: 9.716 min Scan# 1144

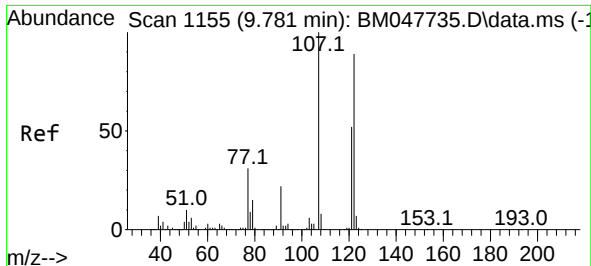
Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

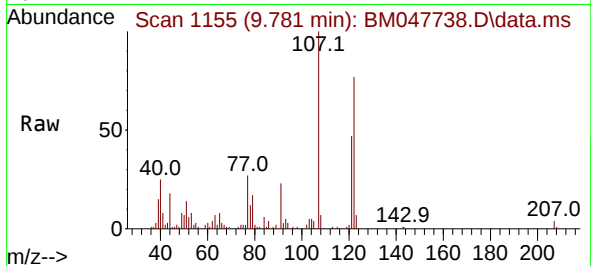
Tgt Ion:	139	Resp:	43250
Ion Ratio	Lower	Upper	
139	100		
65	48.6	49.6	74.4
109	26.0	23.4	35.2





#26
2,4-Dimethylphenol
Concen: 1.372 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

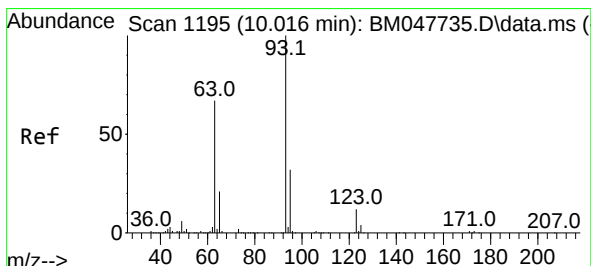
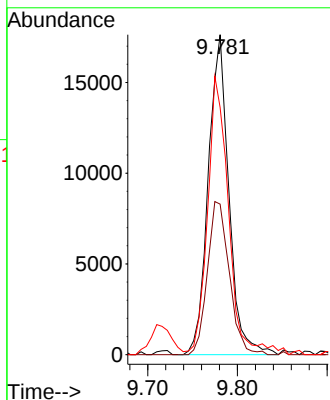
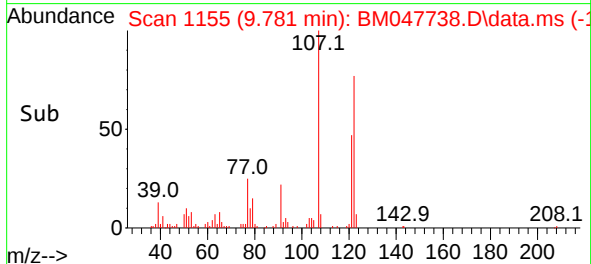
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:107 Resp: 2818
Ion Ratio Lower Upper
107 100
121 47.0 37.8 56.8
122 77.3 65.4 98.0

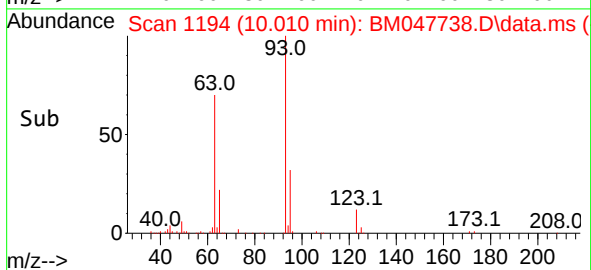
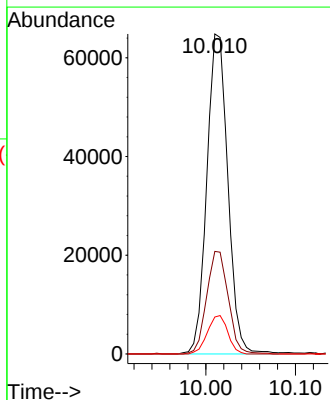
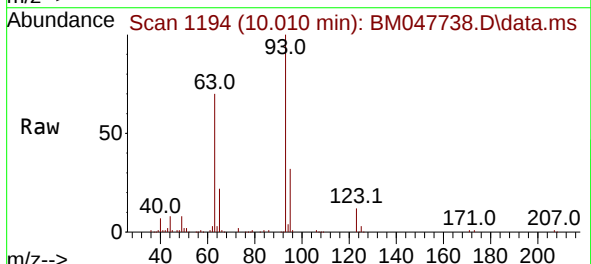
Manual Integrations
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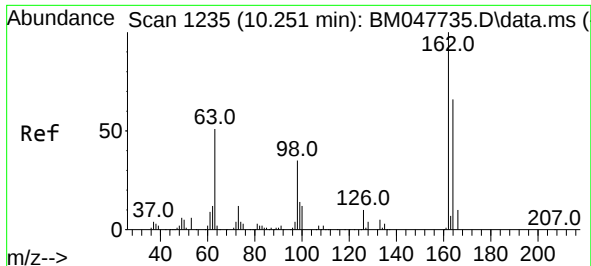
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#27
Bis(2-Chloroethoxy)methane
Concen: 3.884 ng/ul
RT: 10.010 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

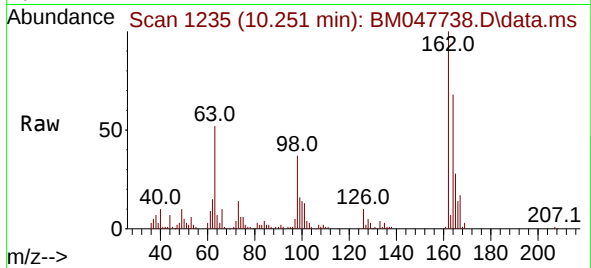
Tgt Ion: 93 Resp: 105545
Ion Ratio Lower Upper
93 100
95 32.0 27.1 40.7
123 11.6 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 4.382 ng/ul
RT: 10.251 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

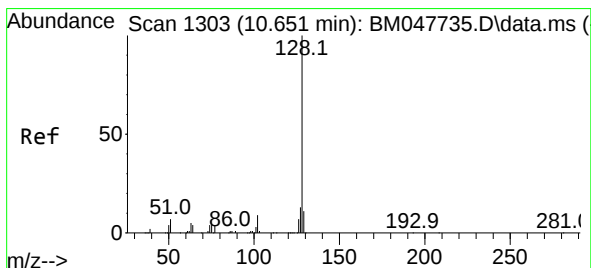
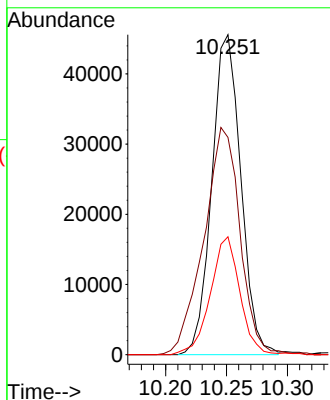
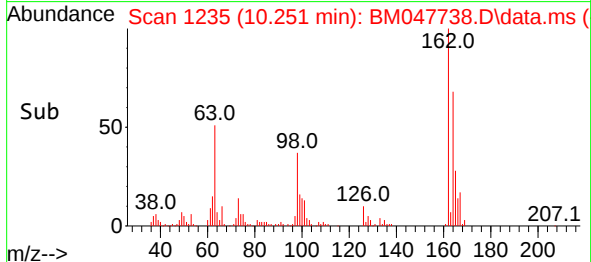
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



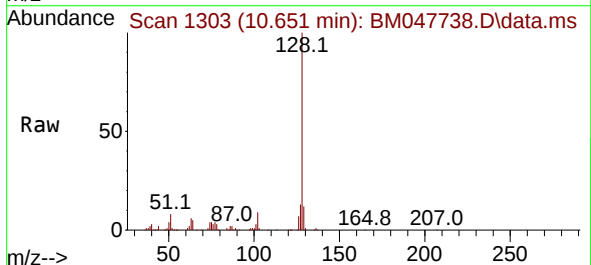
Tgt Ion:162 Resp: 7574
Ion Ratio Lower Upper
162 100
164 67.9 52.2 78.2
98 36.9 30.6 46.0

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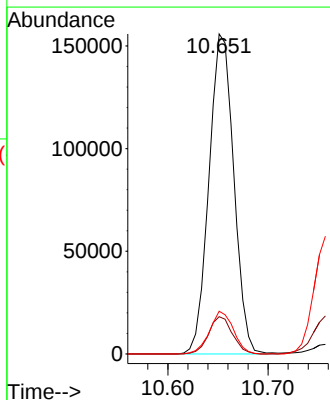
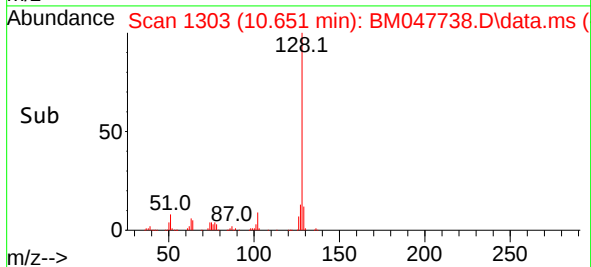
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

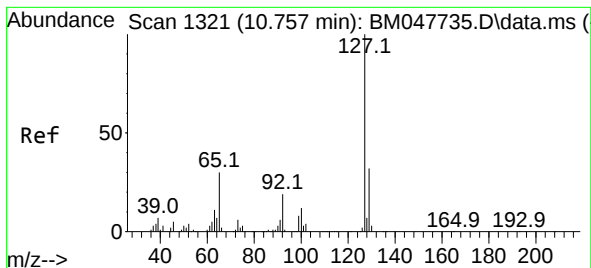


#30
Naphthalene
Concen: 4.245 ng/ul
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



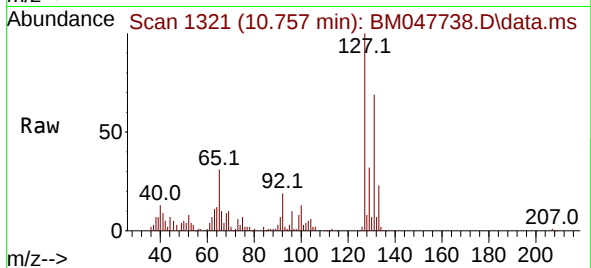
Tgt Ion:128 Resp: 268145
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.4 10.4 15.6





#32
4-Chloroaniline
Concen: 3.860 ng/ul
RT: 10.757 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

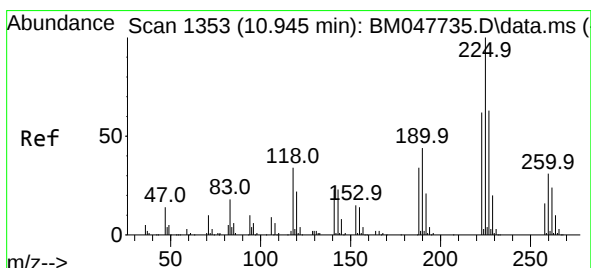
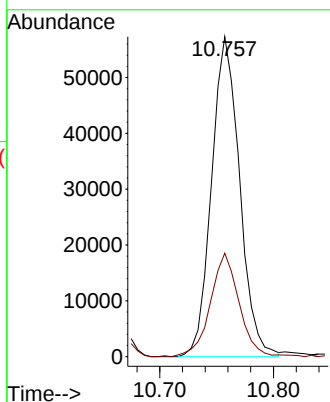
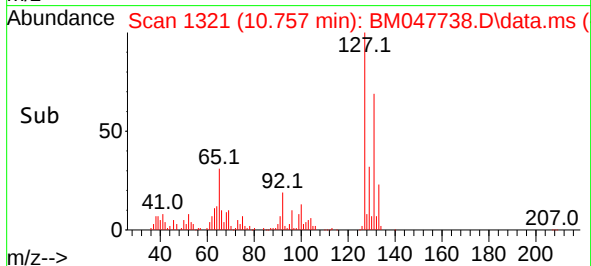
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



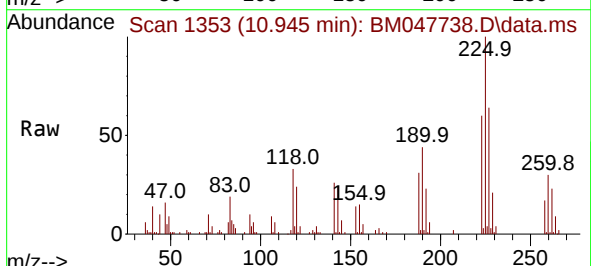
Tgt Ion:127 Resp: 98359
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9

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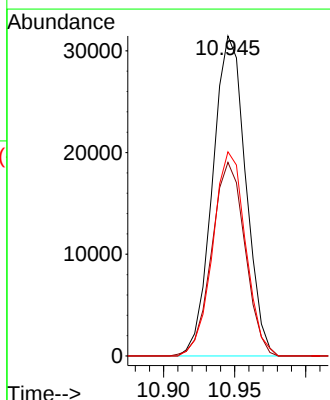
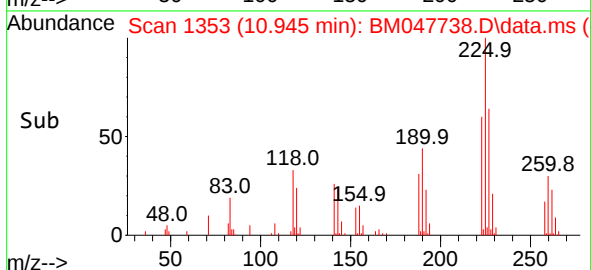
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

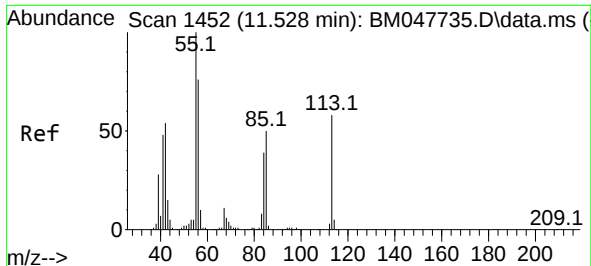


#33
Hexachlorobutadiene
Concen: 4.466 ng/ul
RT: 10.945 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



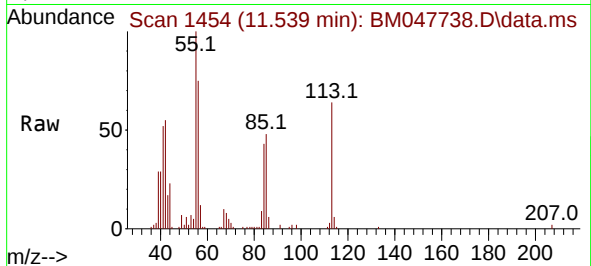
Tgt Ion:225 Resp: 51006
Ion Ratio Lower Upper
225 100
223 60.5 50.3 75.5
227 63.8 49.1 73.7





#34
Caprolactam
Concen: 6.040 ng/ul m
RT: 11.539 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

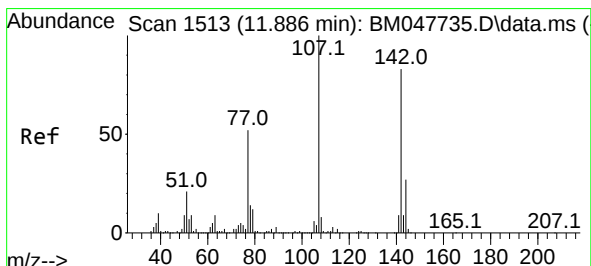
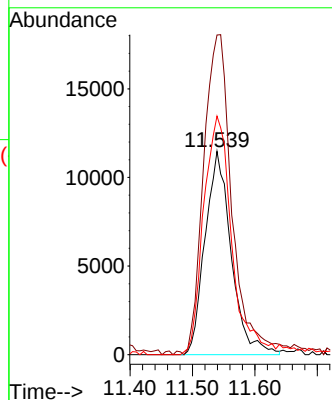
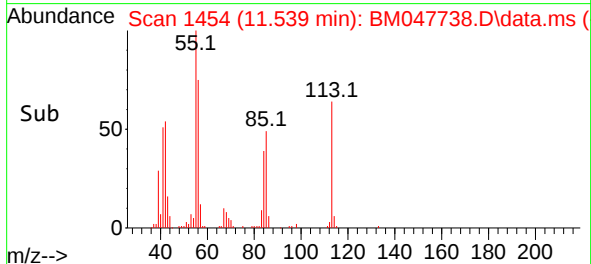
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:113 Resp: 3338
Ion Ratio Lower Upper
113 100
55 157.3 167.9 251.9
56 117.4 131.3 196.9

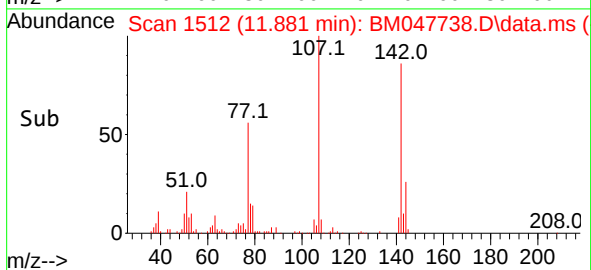
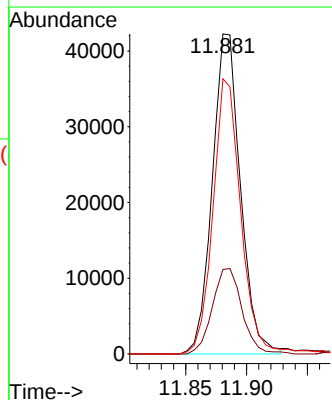
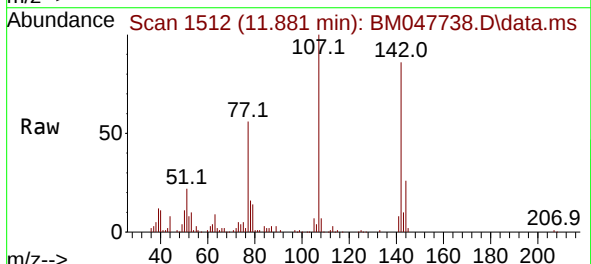
Manual Integrations
APPROVED

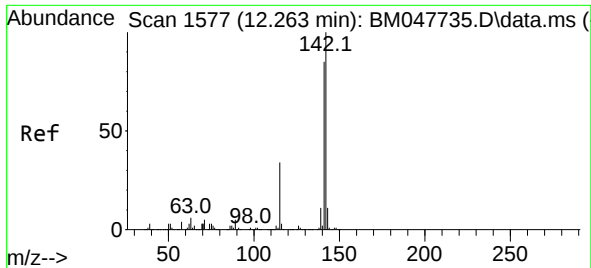
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#35
4-Chloro-3-methylphenol
Concen: 3.804 ng/ul
RT: 11.881 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

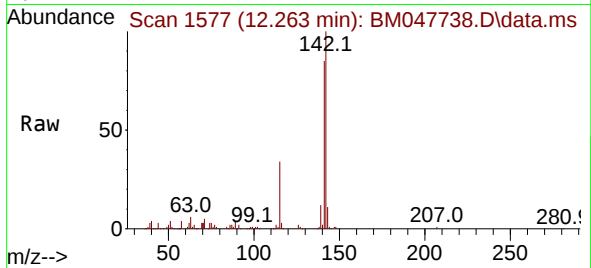
Tgt Ion:107 Resp: 68051
Ion Ratio Lower Upper
107 100
144 26.4 18.7 28.1
142 86.0 62.7 94.1





#36
2-Methylnaphthalene
Concen: 4.285 ng/ul
RT: 12.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

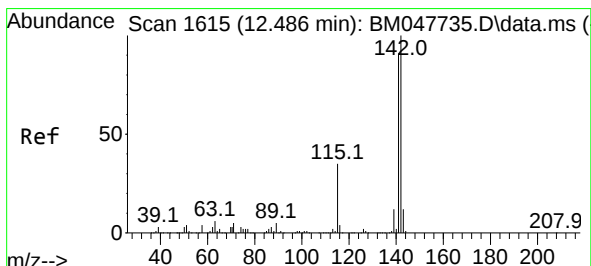
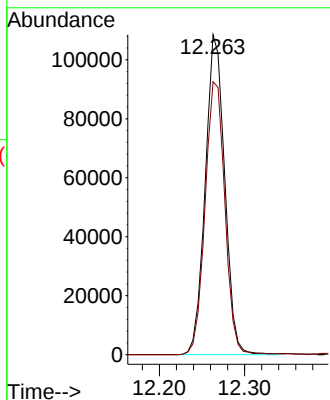
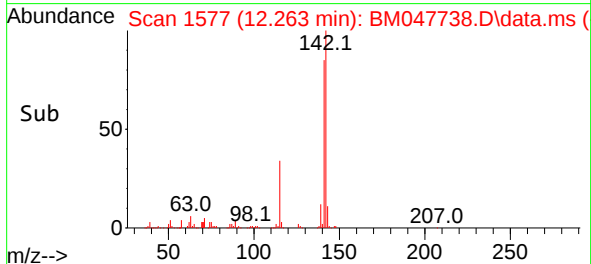
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



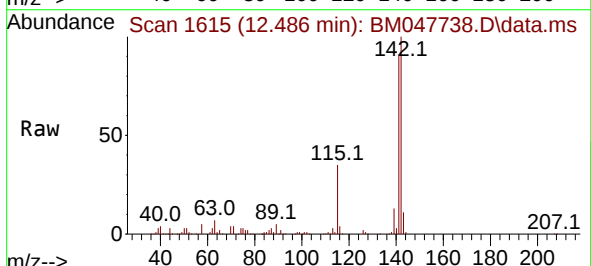
Tgt Ion:142 Resp: 172000
Ion Ratio Lower Upper
142 100
141 85.3 72.5 108.7

Manual Integrations
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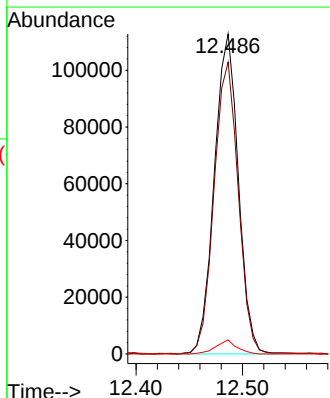
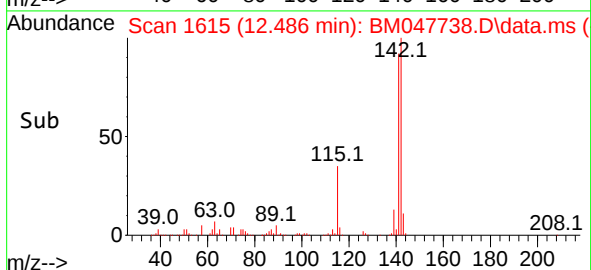
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

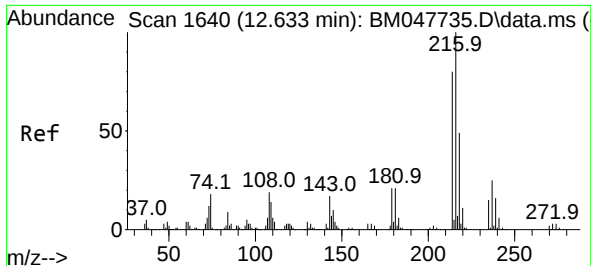


#37
1-Methylnaphthalene
Concen: 4.322 ng/ul
RT: 12.486 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



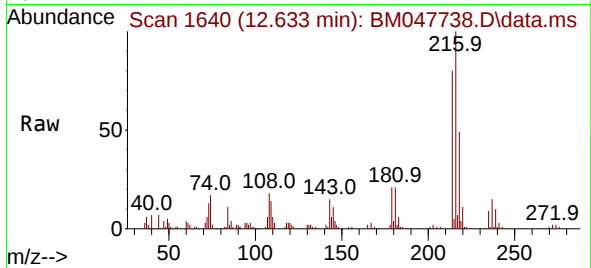
Tgt Ion:142 Resp: 176503
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2
116 4.4 3.0 4.6





#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.249 ng/ul
RT: 12.633 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

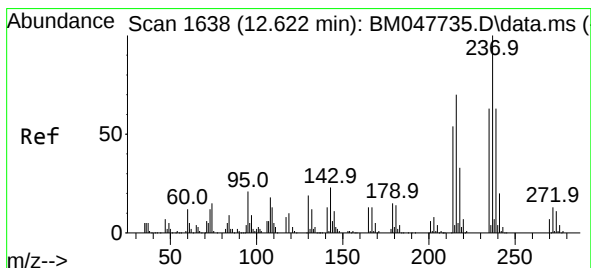
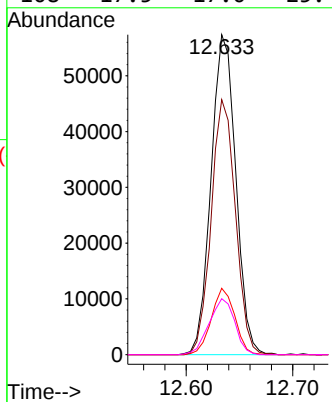
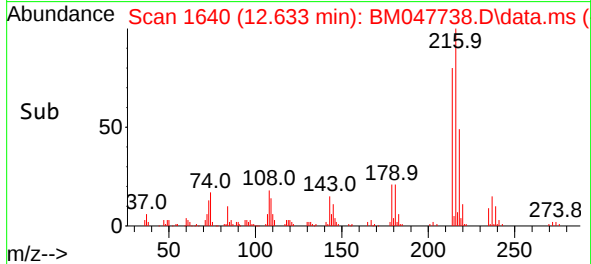
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



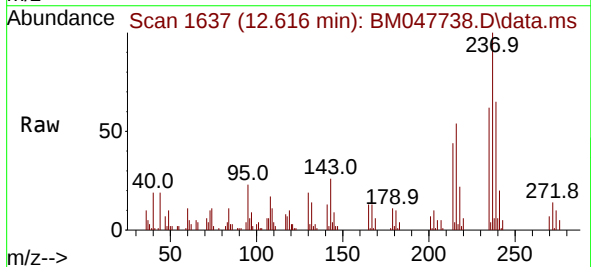
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	61.0	91.4
179	20.7	17.7	26.5
108	17.5	17.0	25.4

Manual Integrations
APPROVED

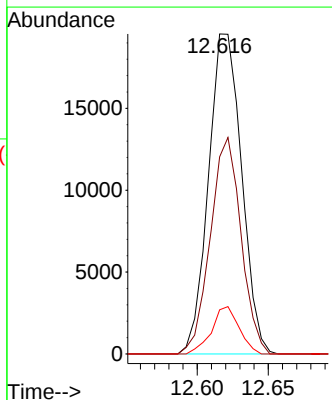
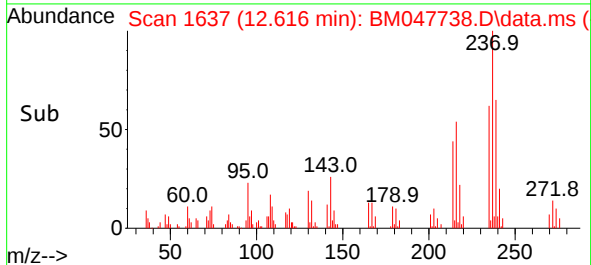
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

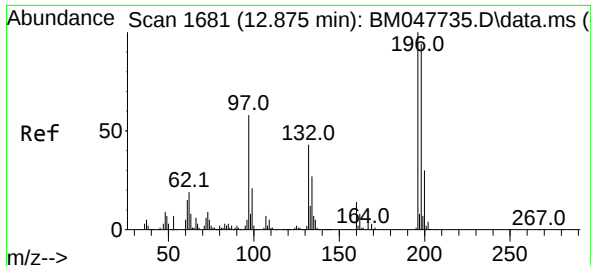


#40
Hexachlorocyclopentadiene
Concen: 2.407 ng/ul
RT: 12.616 min Scan# 1637
Delta R.T. -0.012 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	49.8	74.6
272	13.8	9.7	14.5





#41

2,4,6-Trichlorophenol

Concen: 4.236 ng/ul

RT: 12.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047738.D

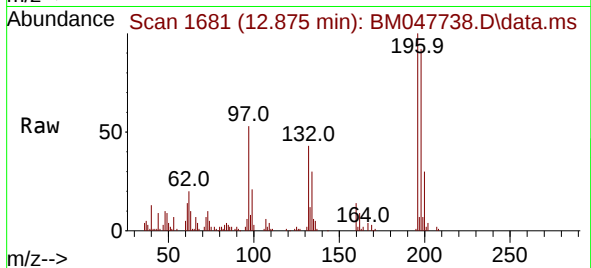
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



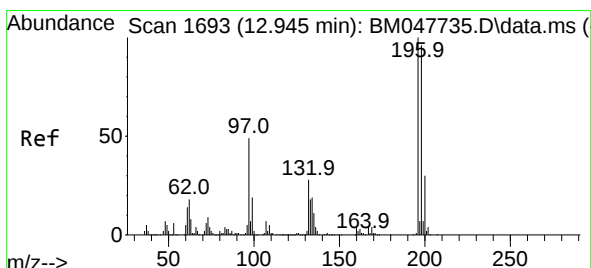
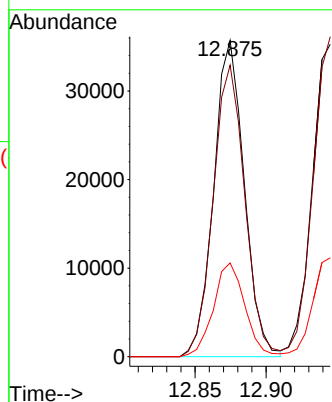
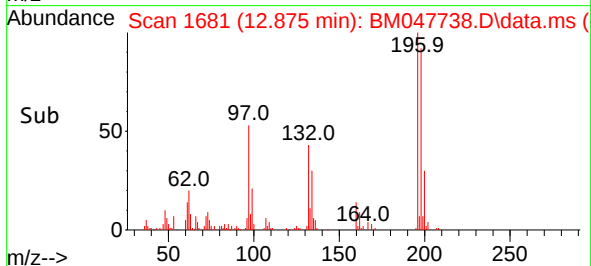
Tgt Ion:196	Resp:	53440
Ion Ratio	Lower	Upper
196	100	
198	92.2	77.1 115.7
200	29.7	24.5 36.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#42

2,4,5-Trichlorophenol

Concen: 3.904 ng/ul

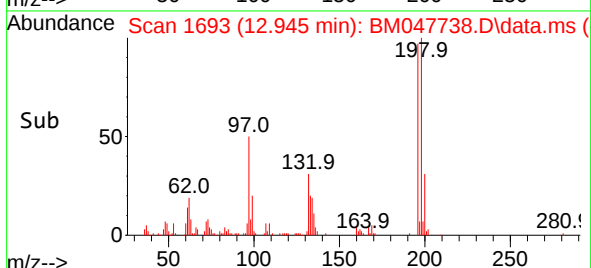
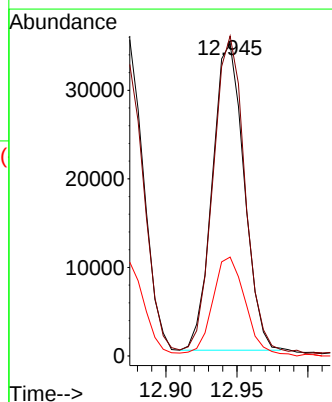
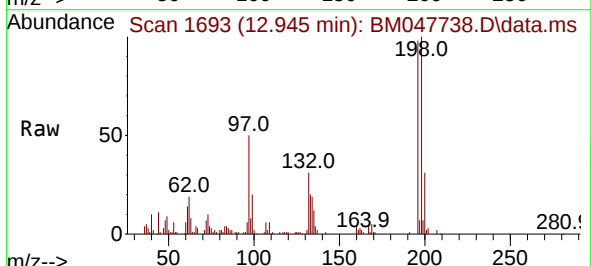
RT: 12.945 min Scan# 1693

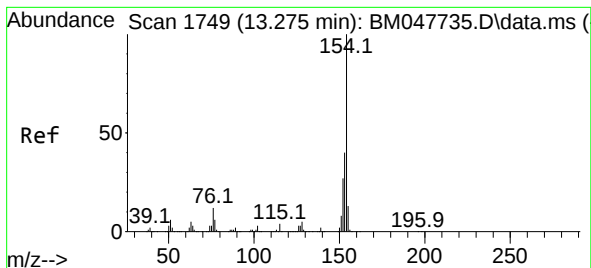
Delta R.T. -0.000 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

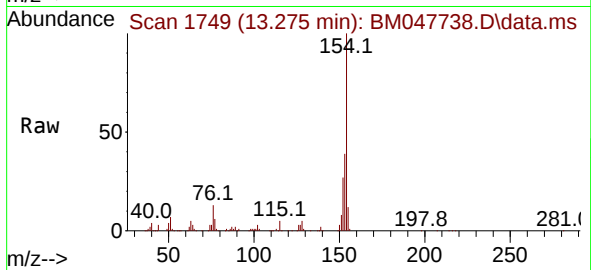
Tgt Ion:196	Resp:	53852
Ion Ratio	Lower	Upper
196	100	
198	102.4	79.5 119.3
200	31.7	25.8 38.8





#43
1,1'-Biphenyl
Concen: 4.074 ng/ul
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

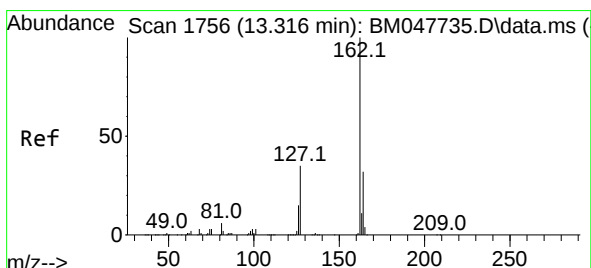
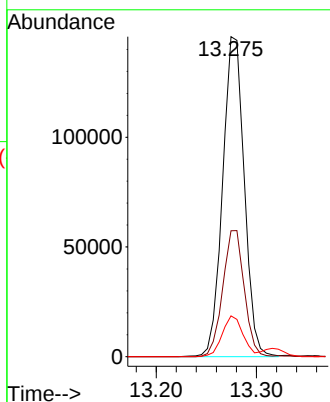
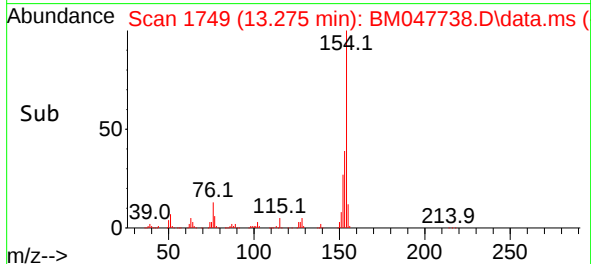
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2024-06



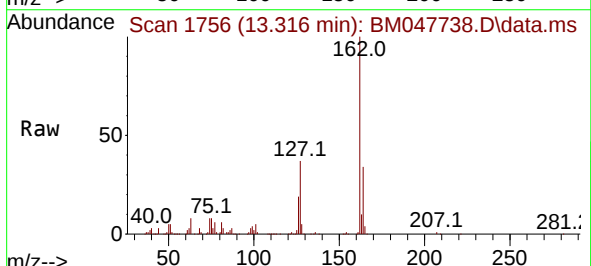
Tgt Ion:154 Resp: 218448
Ion Ratio Lower Upper
154 100
153 39.4 31.1 46.7
76 12.7 12.1 18.1

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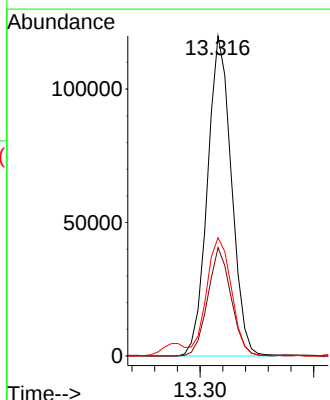
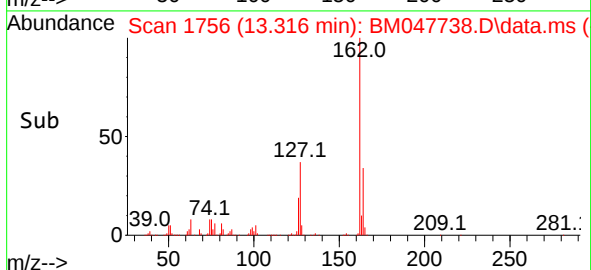
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

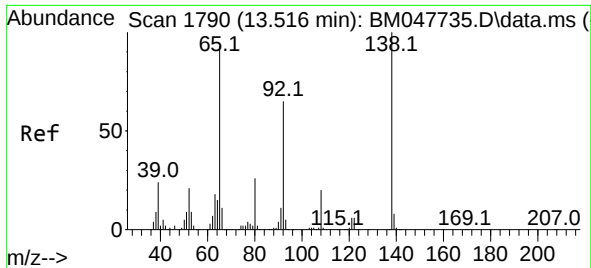


#44
2-Chloronaphthalene
Concen: 4.243 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



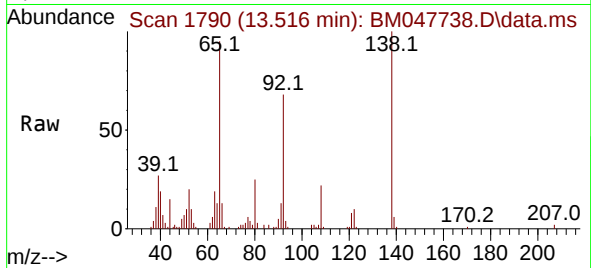
Tgt Ion:162 Resp: 175971
Ion Ratio Lower Upper
162 100
164 33.8 25.3 37.9
127 37.0 32.9 49.3





#45
2-Nitroaniline
Concen: 3.060 ng/ul
RT: 13.516 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

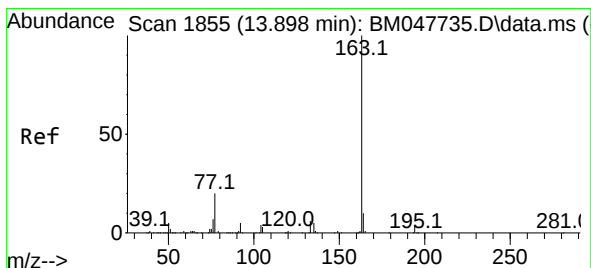
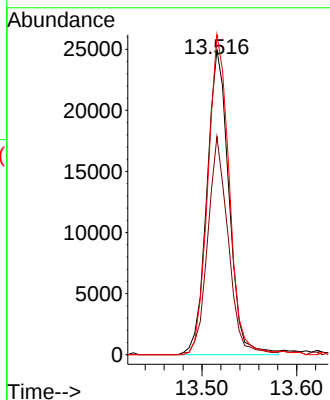
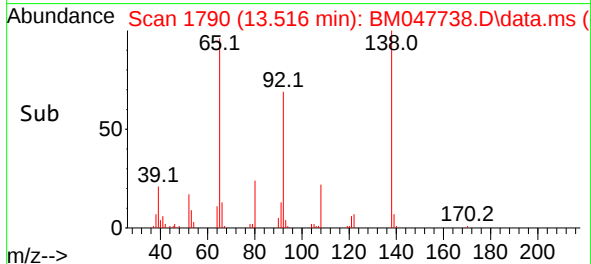
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 65 Resp: 4028
Ion Ratio Lower Upper
65 100
92 71.5 49.1 73.7
138 105.0 67.6 101.4

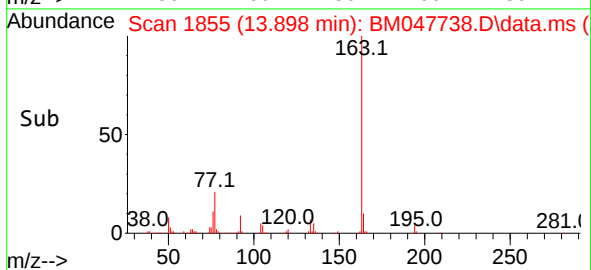
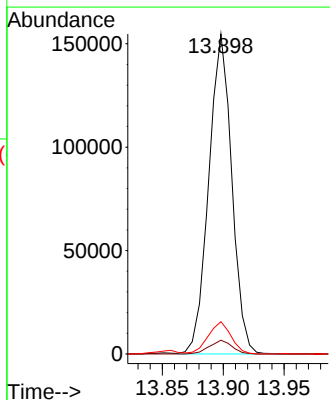
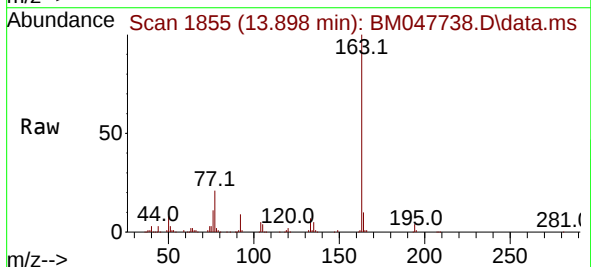
Manual Integrations
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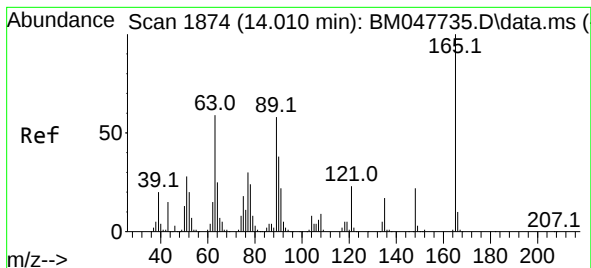
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#47
Dimethylphthalate
Concen: 4.147 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

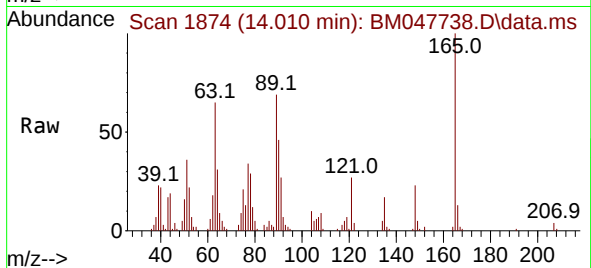
Tgt Ion:163 Resp: 203924
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.1 7.8 11.6





#48
2,6-Dinitrotoluene
Concen: 3.753 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

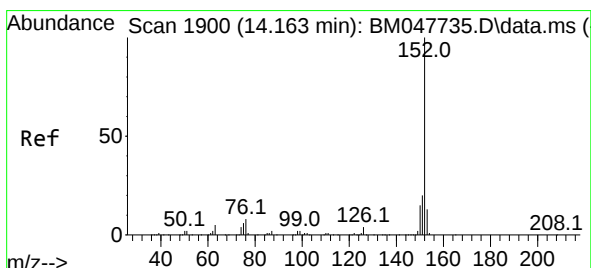
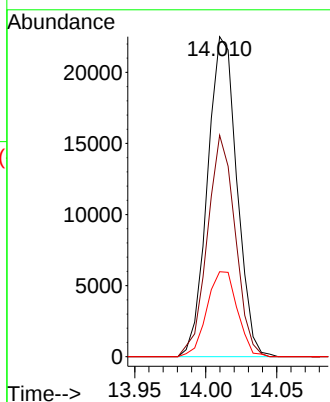
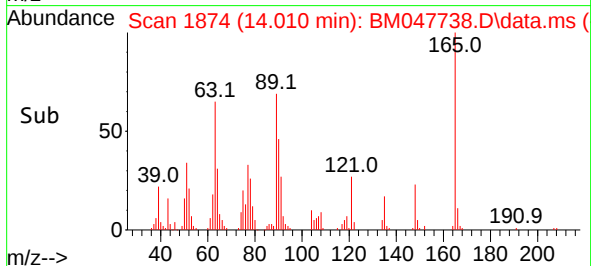
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:165 Resp: 32410
Ion Ratio Lower Upper
165 100
89 69.2 58.5 87.7
121 26.5 20.2 30.2

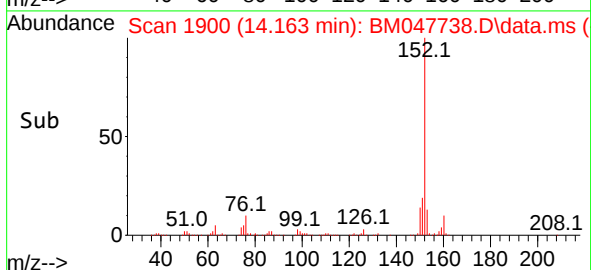
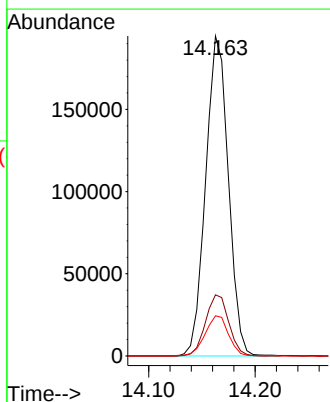
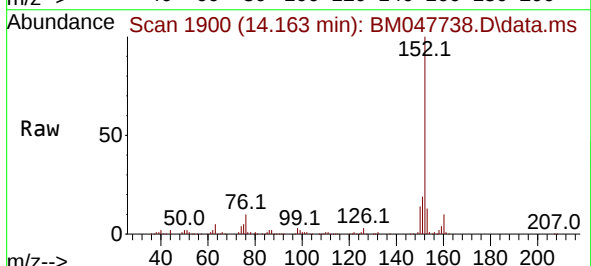
Manual Integrations
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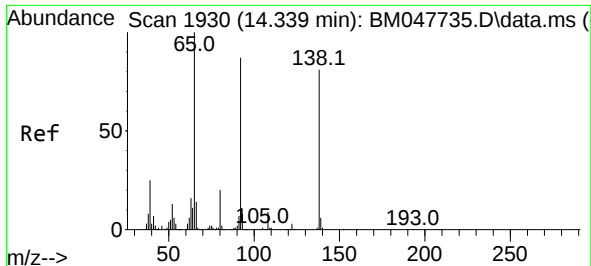
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#50
Acenaphthylene
Concen: 4.439 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

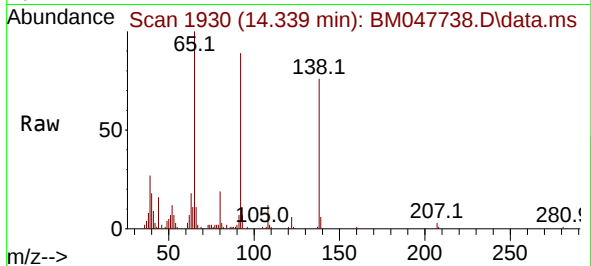
Tgt Ion:152 Resp: 288189
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.2
153 12.5 10.7 16.1





#51
3-Nitroaniline
Concen: 3.127 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

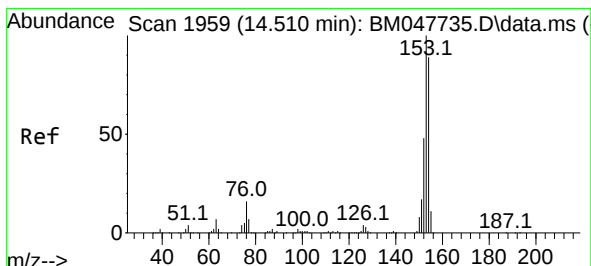
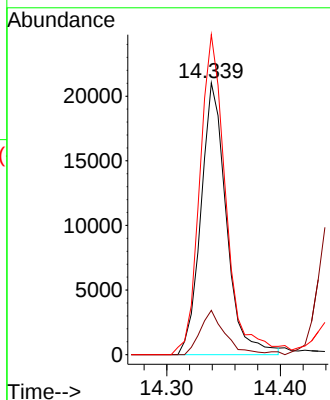
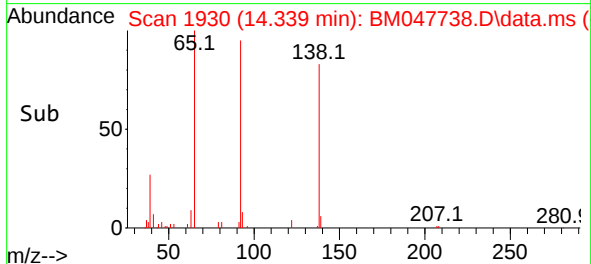
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:138 Resp: 3268
Ion Ratio Lower Upper
138 100
108 16.3 9.0 13.6
92 117.7 101.5 152.3

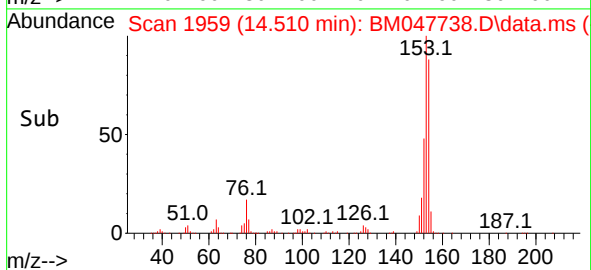
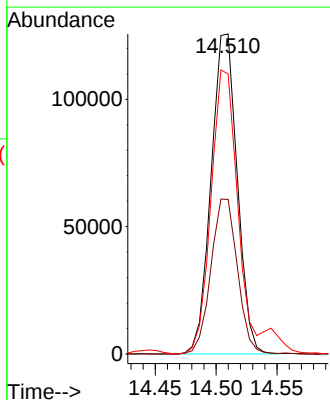
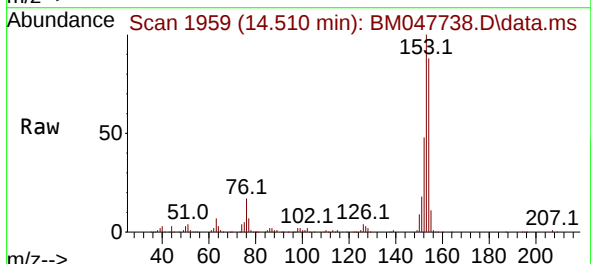
Manual Integrations
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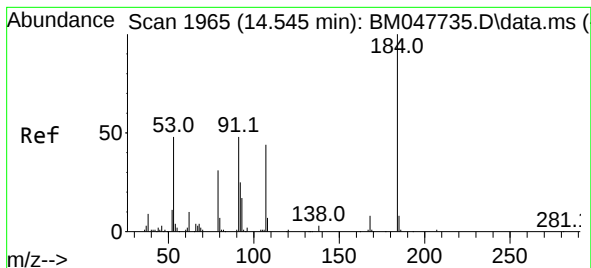
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#52
Acenaphthene
Concen: 4.100 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:153 Resp: 188179
Ion Ratio Lower Upper
153 100
152 48.3 39.7 59.5
154 87.5 72.6 108.8





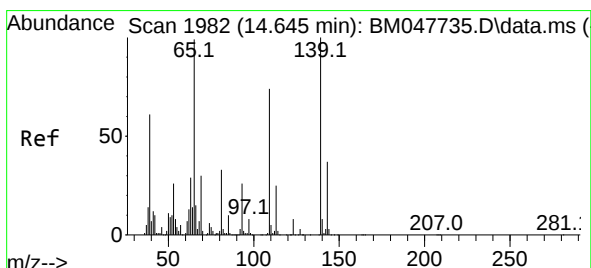
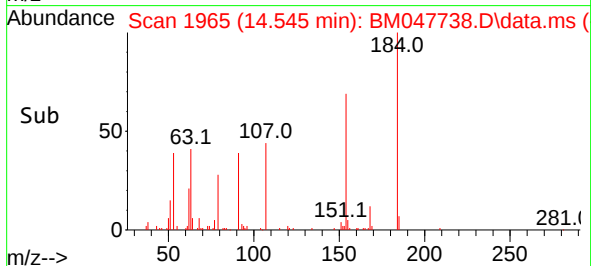
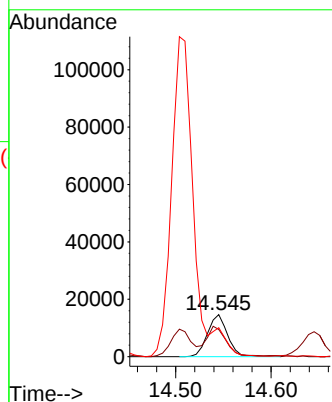
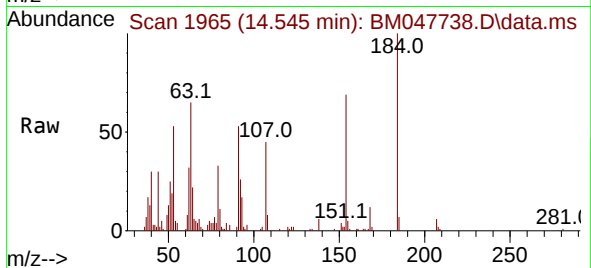
#53
2,4-Dinitrophenol
Concen: 4.038 ng/ul m
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:184 Resp: 21549
Ion Ratio Lower Upper
184 100
63 64.5 77.5 116.3
154 68.8 55.8 83.6

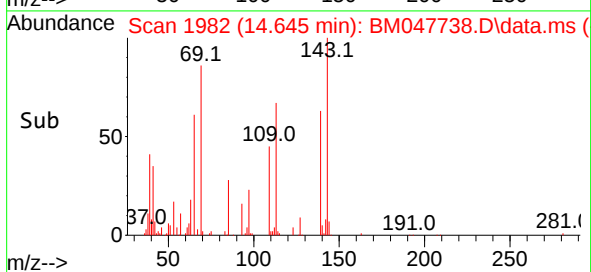
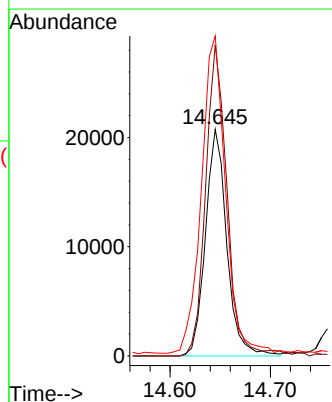
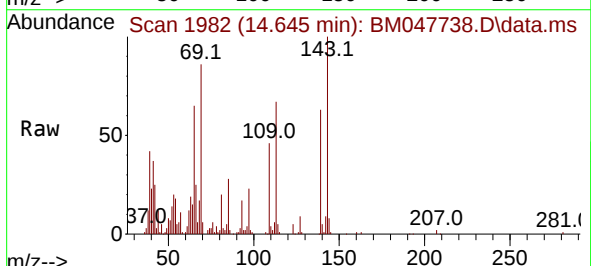
Manual Integrations
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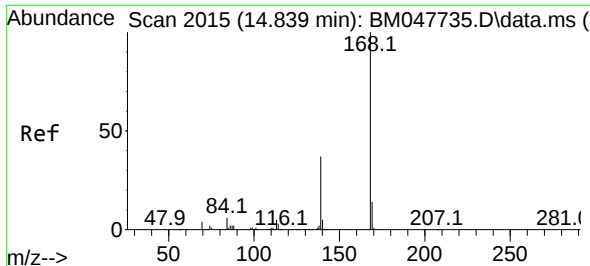
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#55
4-Nitrophenol
Concen: 3.781 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

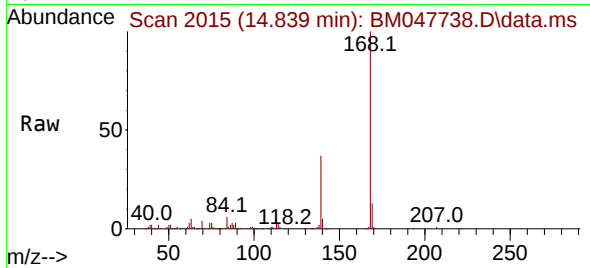
Tgt Ion:109 Resp: 30693
Ion Ratio Lower Upper
109 100
139 137.3 105.7 158.5
65 141.2 123.1 184.7





#56
Dibenzenofuran
Concen: 4.206 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

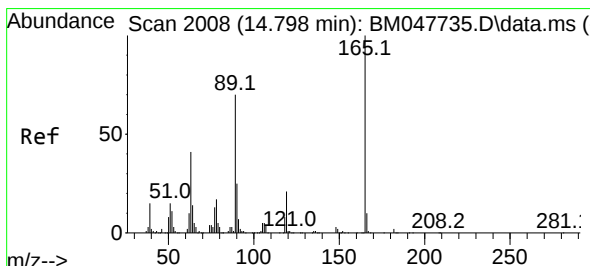
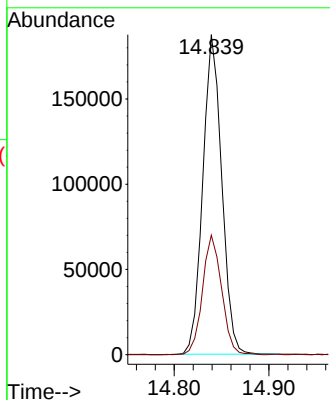
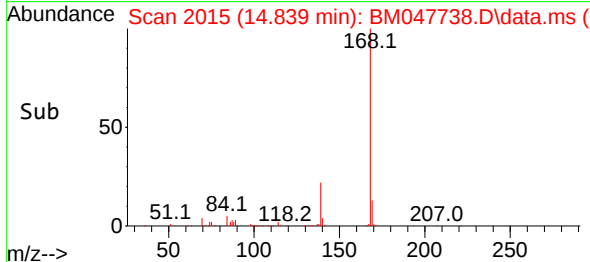
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



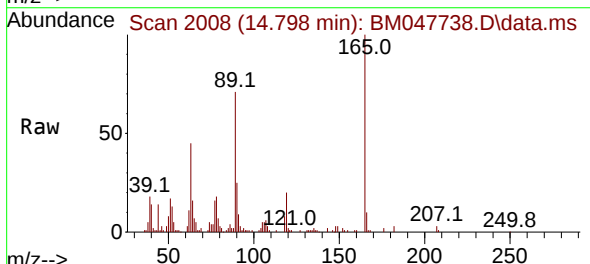
Tgt Ion:168 Resp: 25985
Ion Ratio Lower Upper
168 100
139 37.4 31.0 46.6

Manual Integrations
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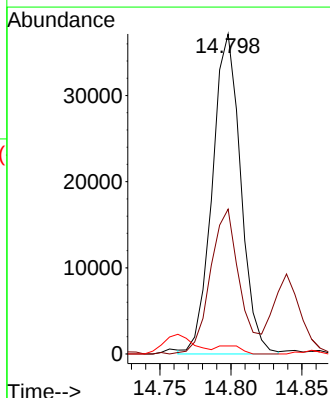
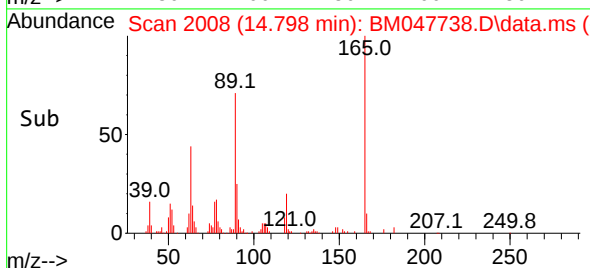
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

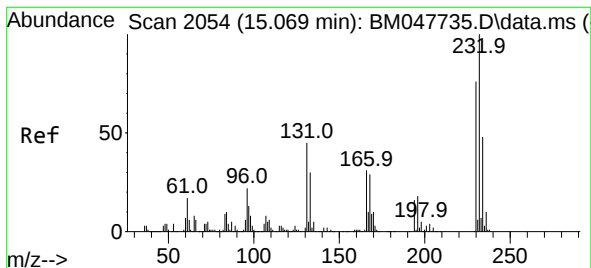


#57
2,4-Dinitrotoluene
Concen: 3.987 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



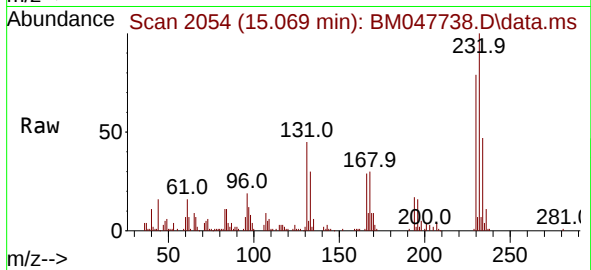
Tgt Ion:165 Resp: 51716
Ion Ratio Lower Upper
165 100
63 45.2 45.8 68.6#
182 2.5 1.7 2.5





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.504 ng/ul
RT: 15.069 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

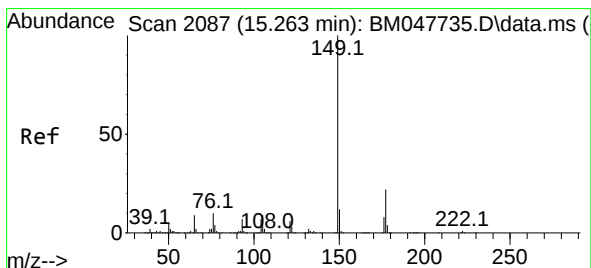
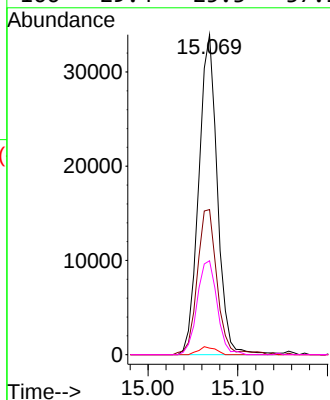
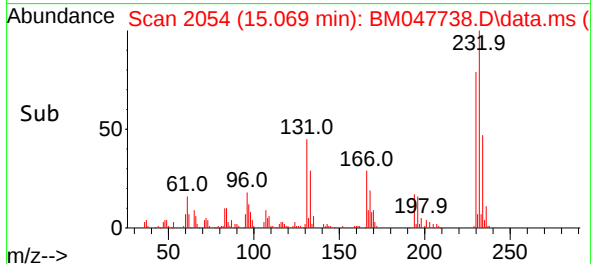
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:232 Resp: 4897
Ion Ratio Lower Upper
232 100
131 45.3 40.2 60.4
130 2.1 2.6 4.0
166 29.4 25.3 37.9

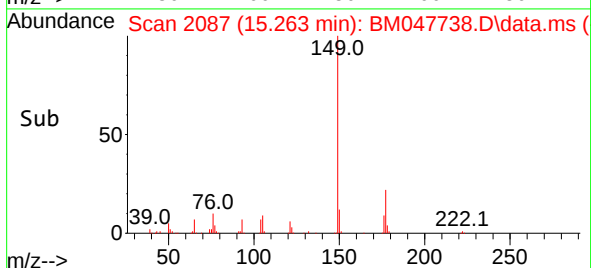
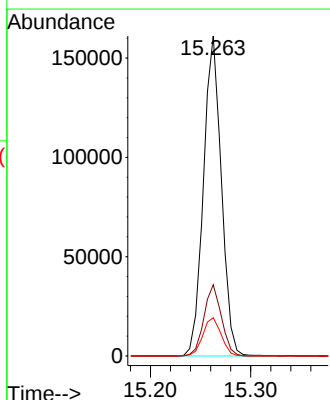
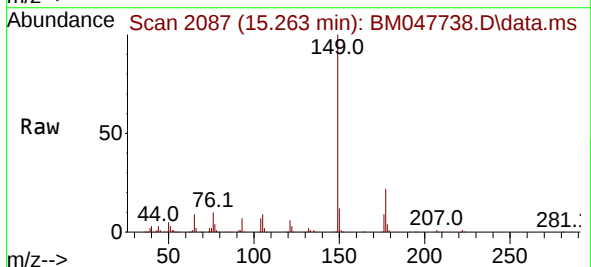
Manual Integrations
APPROVED

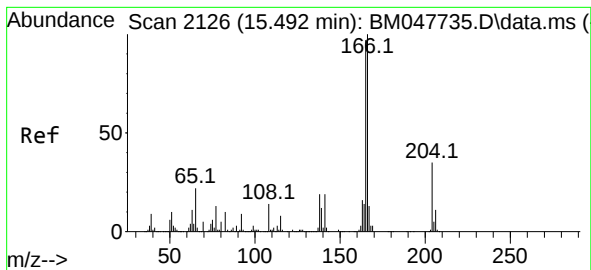
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#59
Diethylphthalate
Concen: 4.078 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:149 Resp: 200638
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 11.9 9.2 13.8





#61

Fluorene

Concen: 4.142 ng/ul

RT: 15.486 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM047738.D

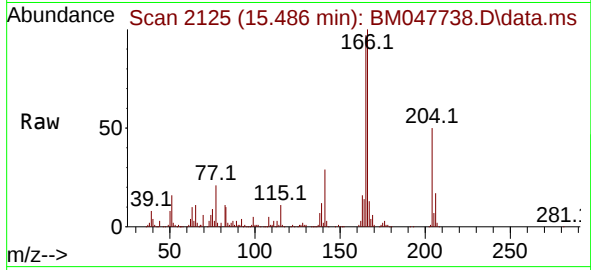
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion:166 Resp: 21350

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.6

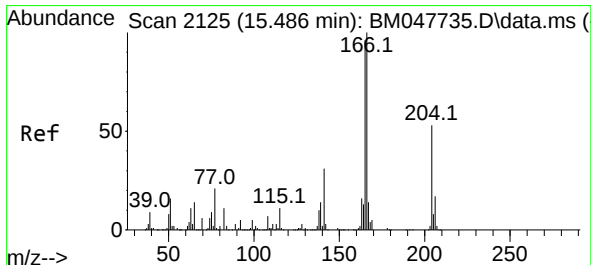
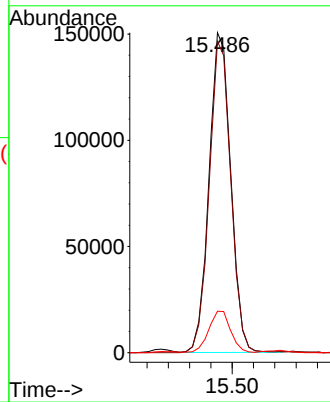
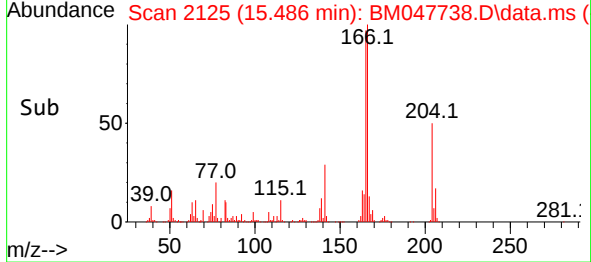
167 13.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#62

4-Chlorophenyl-phenylether

Concen: 4.250 ng/ul

RT: 15.486 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

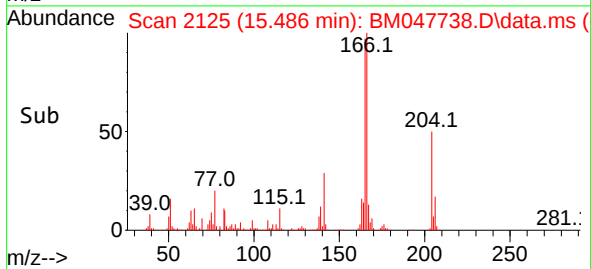
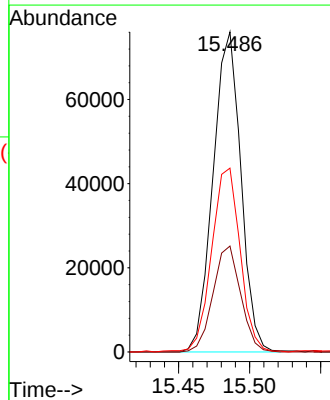
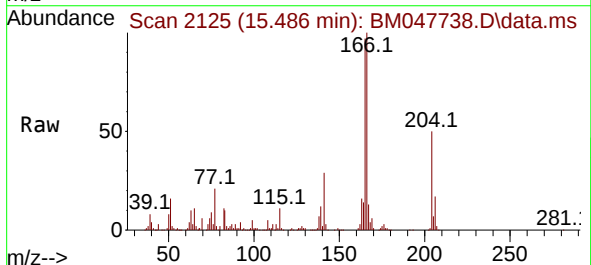
Tgt Ion:204 Resp: 103507

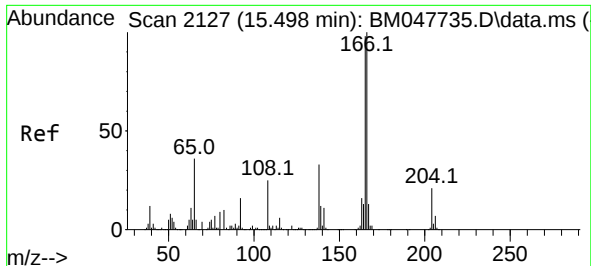
Ion Ratio Lower Upper

204 100

206 33.1 27.0 40.4

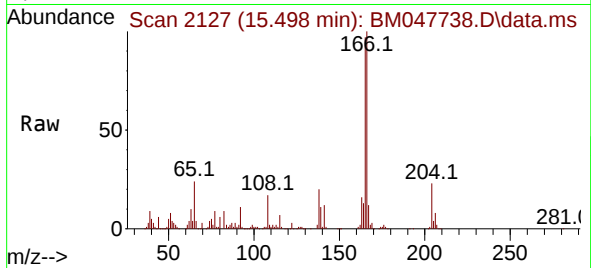
141 57.4 49.2 73.8





#63
4-Nitroaniline
Concen: 3.245 ng/ul m
RT: 15.498 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

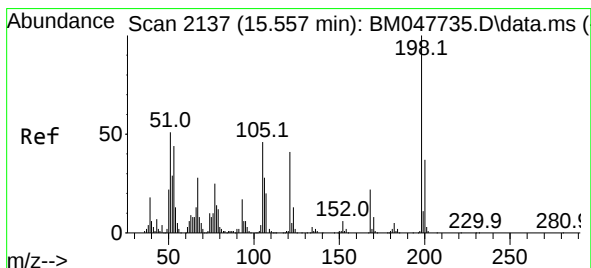
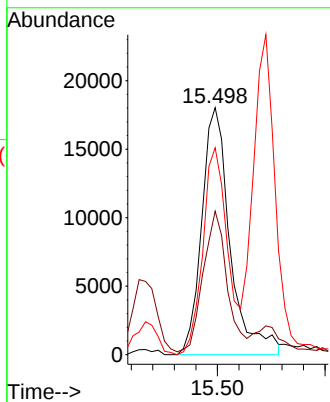
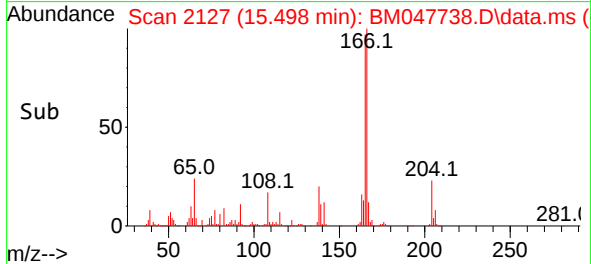
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



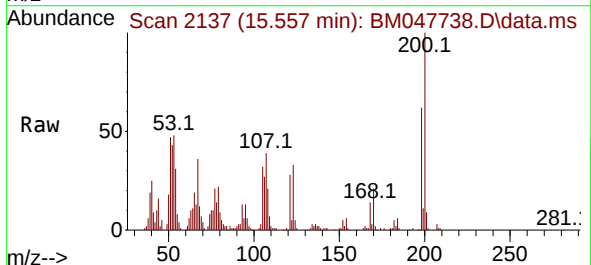
Tgt Ion:138 Resp: 3294
Ion Ratio Lower Upper
138 100
92 58.1 44.9 67.3
108 83.7 62.4 93.6

Manual Integrations
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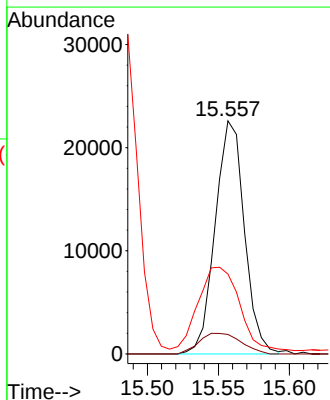
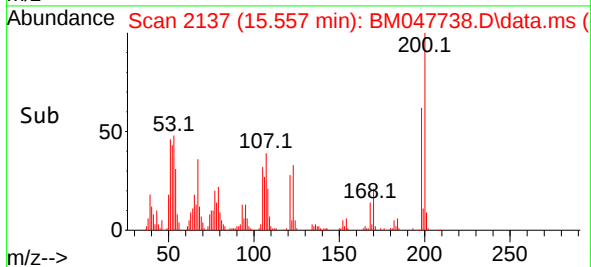
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

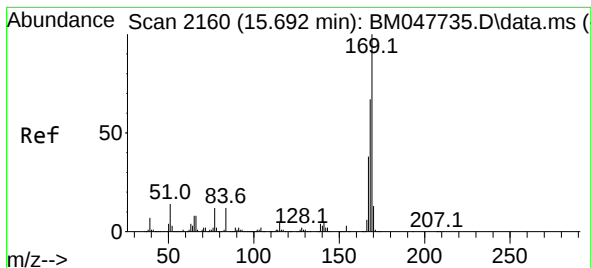


#66
4,6-Dinitro-2-methylphenol
Concen: 3.681 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



Tgt Ion:198 Resp: 32305
Ion Ratio Lower Upper
198 100
182 8.4 5.1 7.7#
77 34.2 26.2 39.2





#67

N-Nitrosodiphenylamine

Concen: 3.906 ng/ul

RT: 15.692 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06

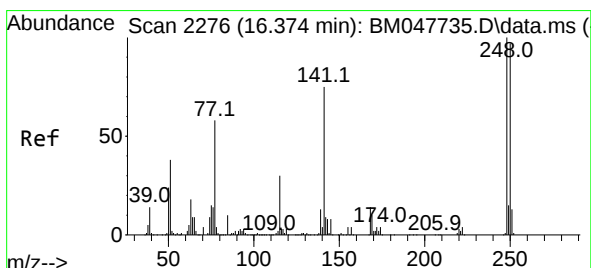
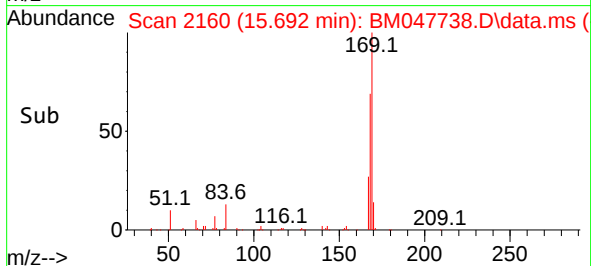
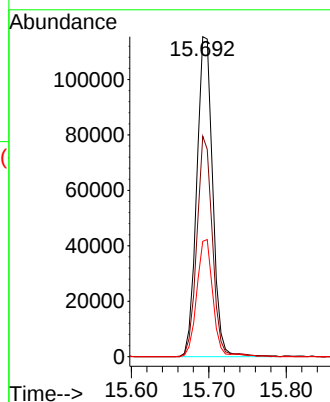
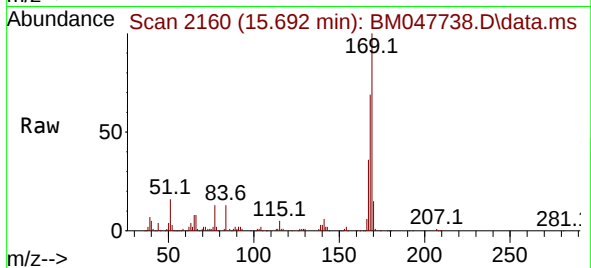
Tgt Ion:169 Resp: 164720
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.5 80.3
 167 36.0 30.0 45.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#68

4-Bromophenyl-phenylether

Concen: 4.412 ng/ul

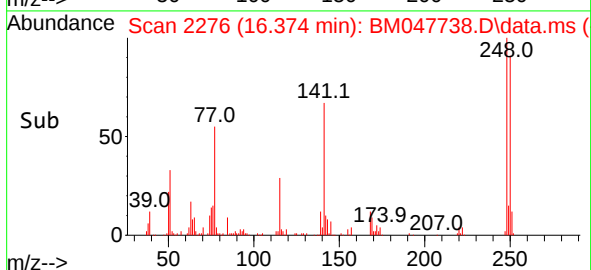
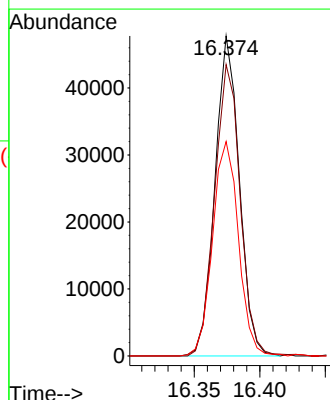
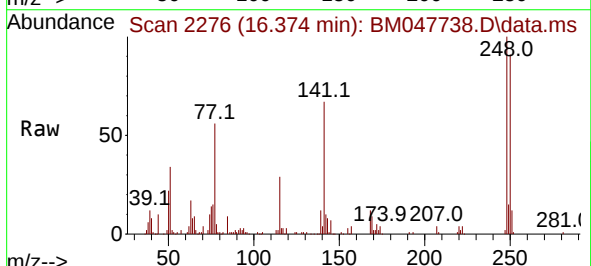
RT: 16.374 min Scan# 2276

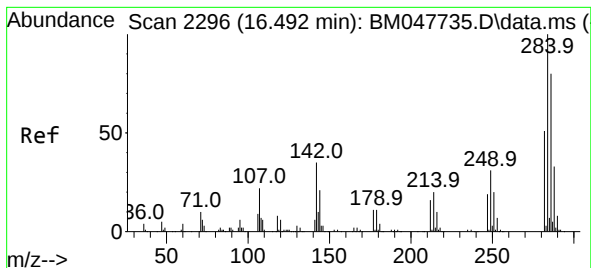
Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Tgt Ion:248 Resp: 61556
 Ion Ratio Lower Upper
 248 100
 250 91.1 76.5 114.7
 141 67.0 60.8 91.2





#69

Hexachlorobenzene

Concen: 4.408 ng/ul

RT: 16.492 min Scan# 2296

Delta R.T. -0.006 min

Lab File: BM047738.D

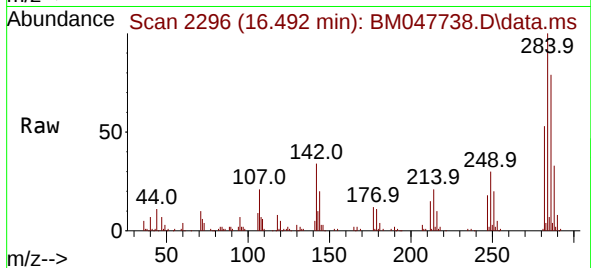
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



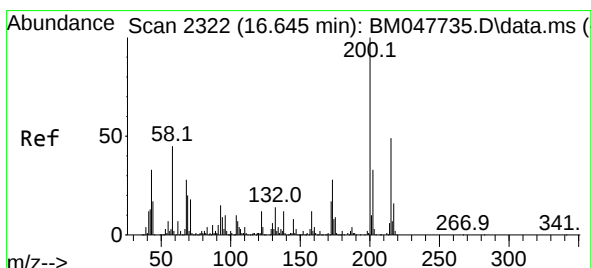
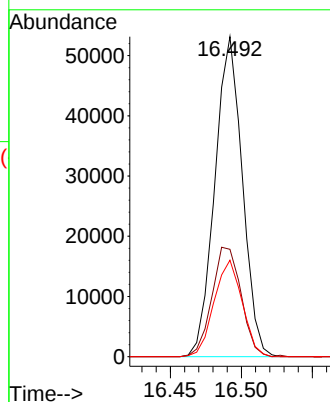
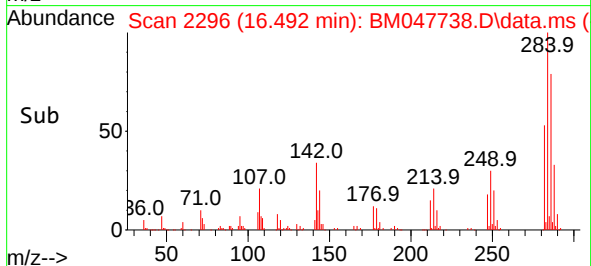
Tgt Ion:	284	Resp:	71569
Ion Ratio	Lower	Upper	
284	100		
142	33.5	32.4	48.6
249	30.1	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#70

Atrazine

Concen: 3.988 ng/ul

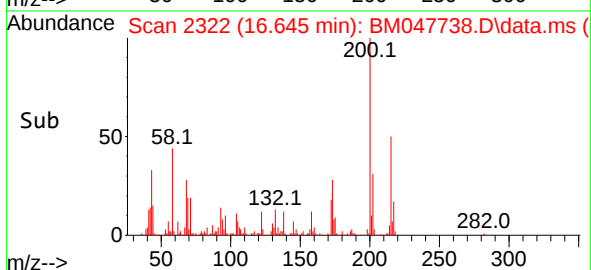
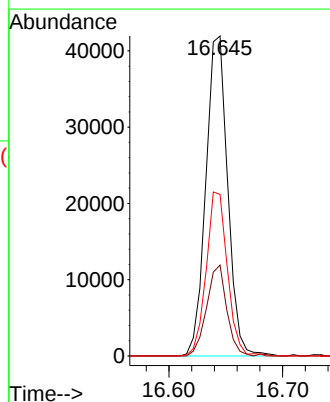
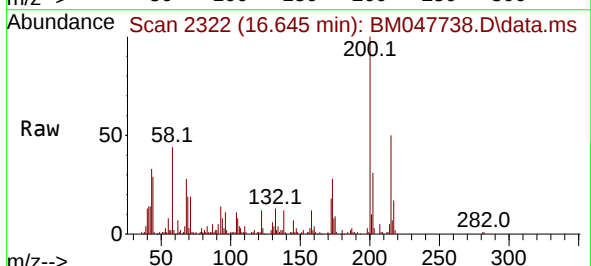
RT: 16.645 min Scan# 2322

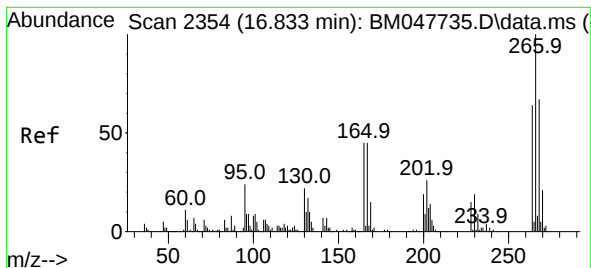
Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

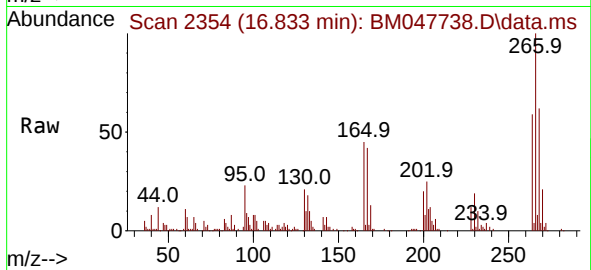
Tgt Ion:	200	Resp:	55988
Ion Ratio	Lower	Upper	
200	100		
173	28.4	20.2	30.2
215	50.5	39.4	59.2





#71
Pentachlorophenol
Concen: 6.393 ng/u1
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

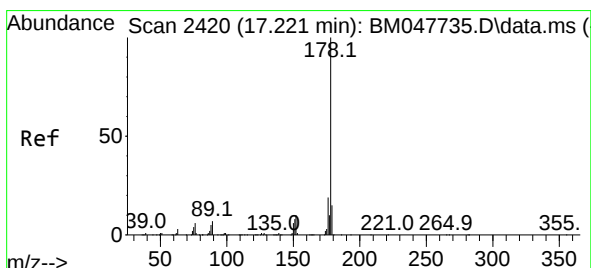
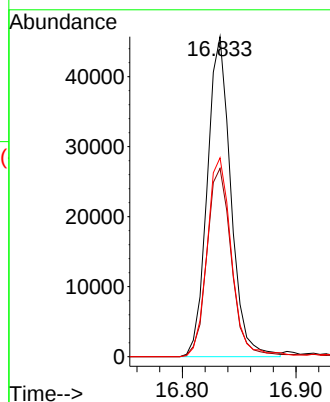
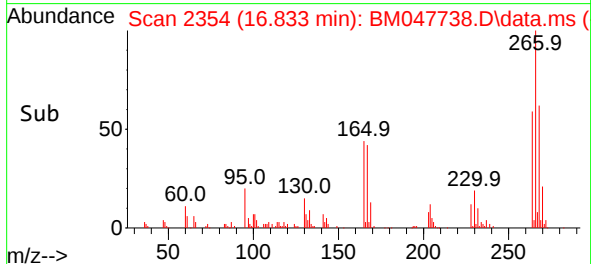
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:266 Resp: 6600
Ion Ratio Lower Upper
266 100
264 58.8 50.2 75.2
268 62.2 50.9 76.3

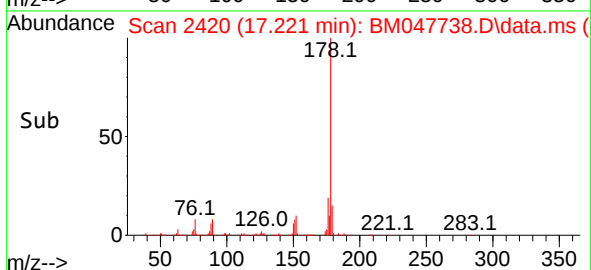
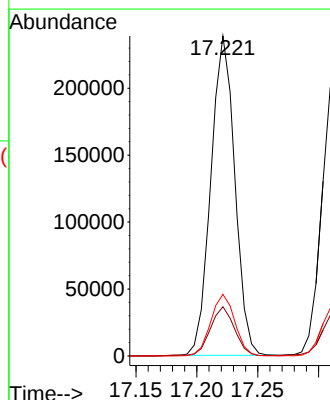
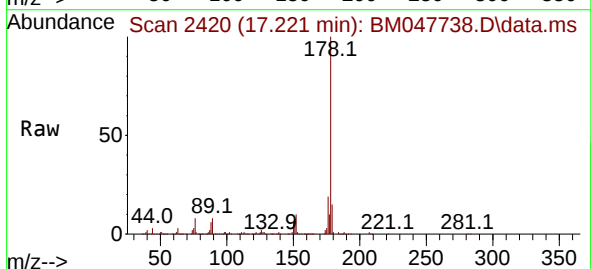
Manual Integrations
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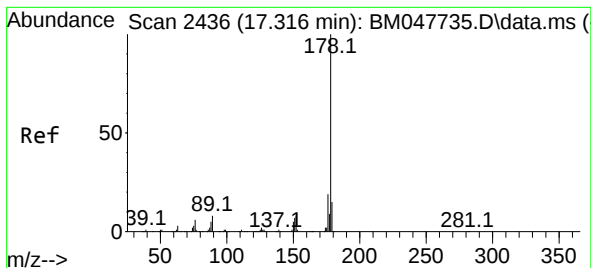
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#72
Phenanthrene
Concen: 4.103 ng/u1
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:178 Resp: 325620
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.3 15.4 23.0





#74

Anthracene

Concen: 3.445 ng/uI

RT: 17.310 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:178 Resp: 27890

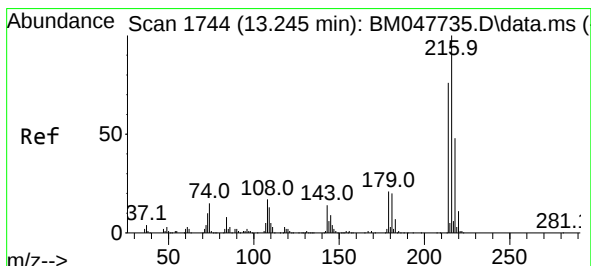
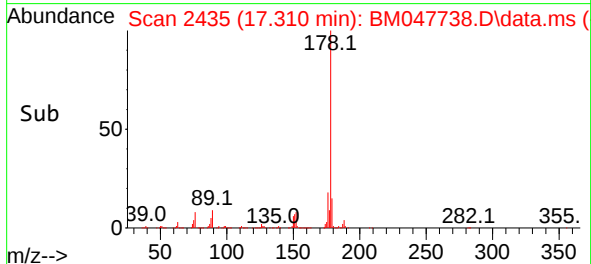
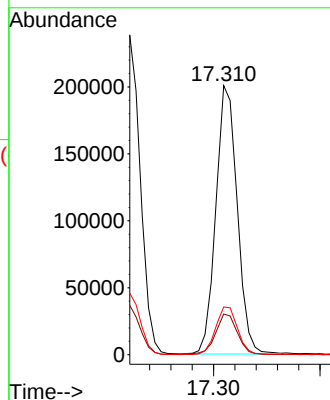
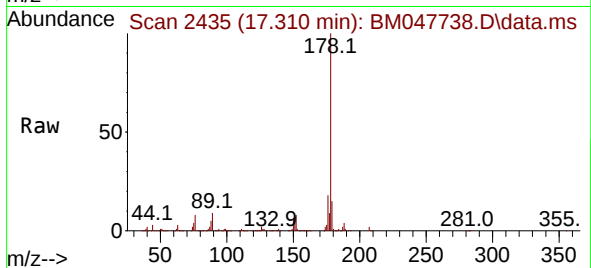
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	17.7	14.7	22.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.902 ng/uL

RT: 13.239 min Scan# 1743

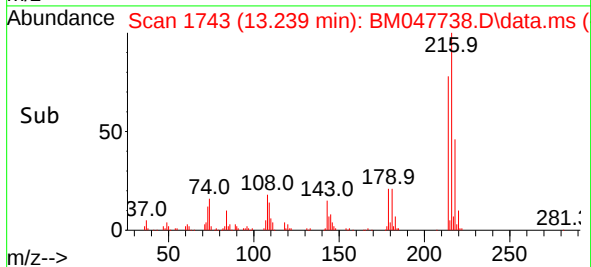
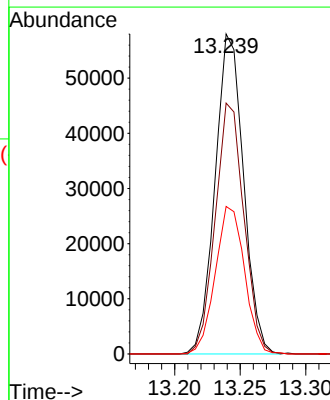
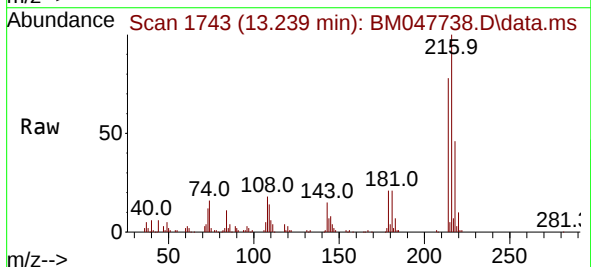
Delta R.T. -0.006 min

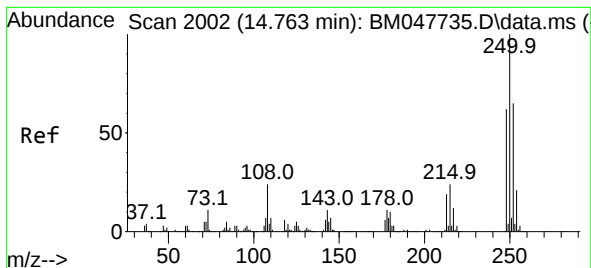
Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Tgt Ion:216 Resp: 87432

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
218	46.1	37.6	56.4





#76

Pentachlorobenzene

Concen: 4.149 ng/uL

RT: 14.763 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:250 Resp: 90749

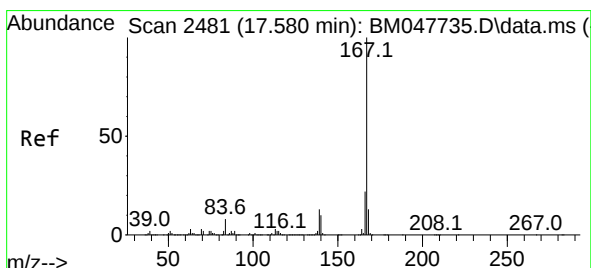
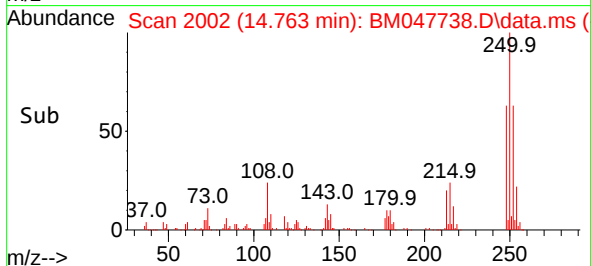
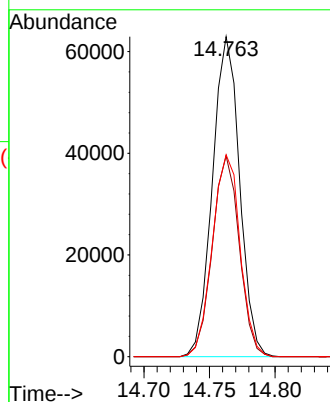
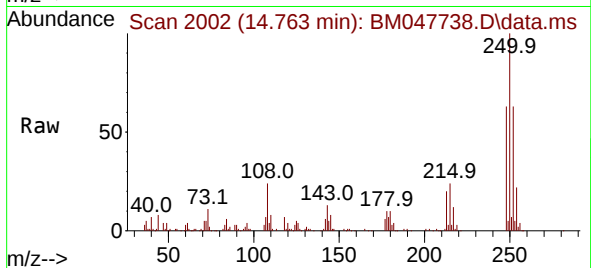
Ion	Ratio	Lower	Upper
250	100		
248	62.7	50.2	75.2
252	63.1	49.4	74.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#77

Carbazole

Concen: 3.876 ng/uL

RT: 17.580 min Scan# 2481

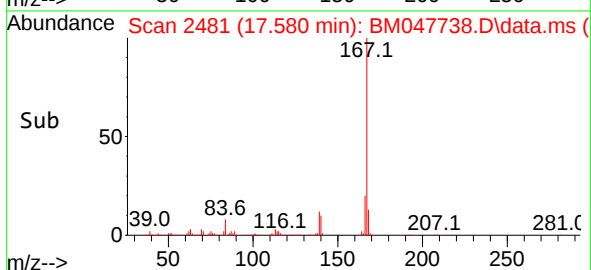
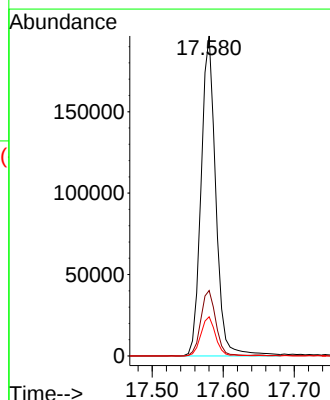
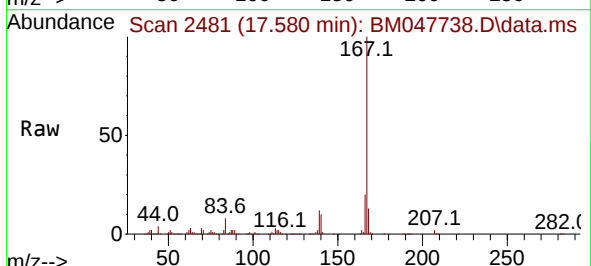
Delta R.T. -0.000 min

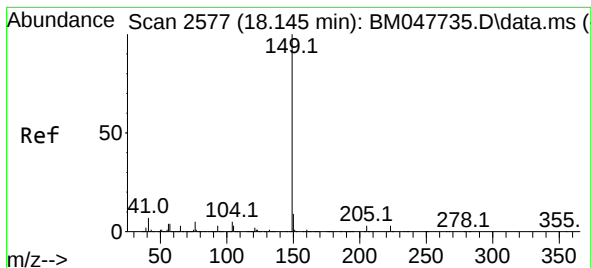
Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Tgt Ion:167 Resp: 284432

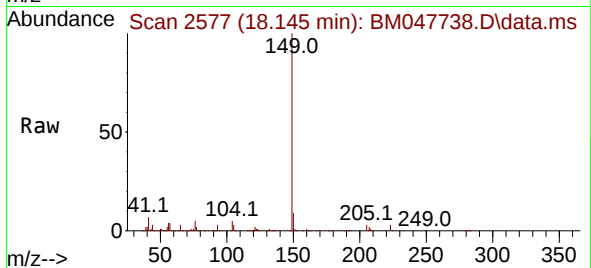
Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.4	26.0
139	12.3	10.9	16.3





#78
Di-n-butylphthalate
Concen: 3.928 ng/ul
RT: 18.145 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

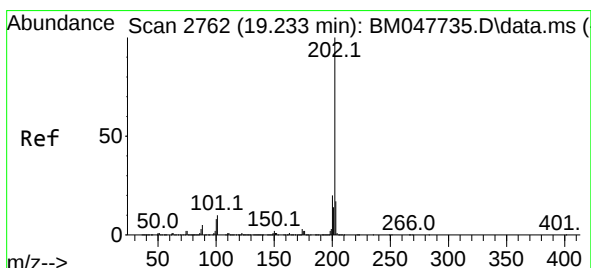
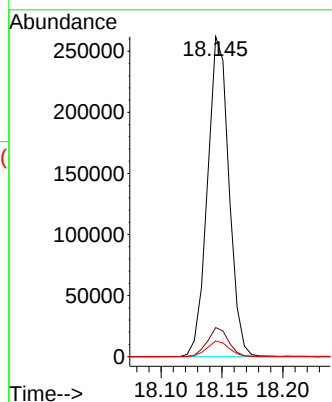
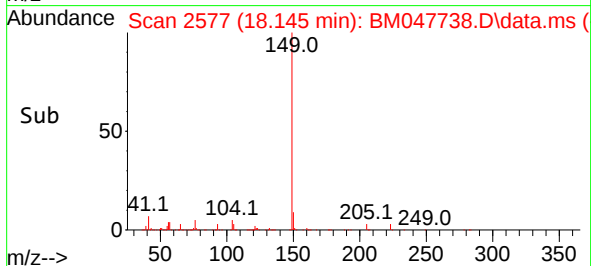
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:149 Resp: 320909
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.9 4.6 7.0

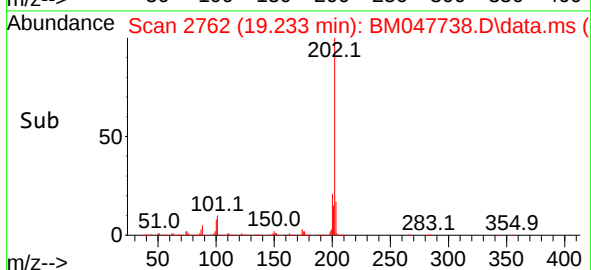
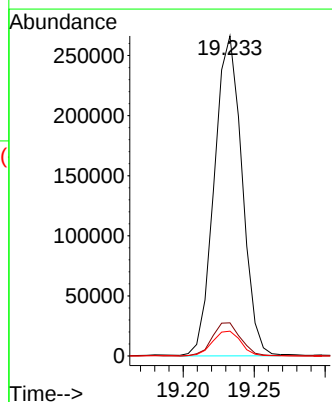
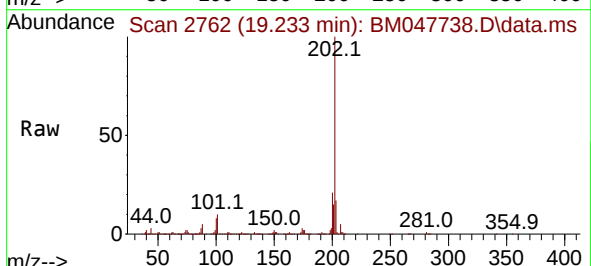
Manual Integrations
APPROVED

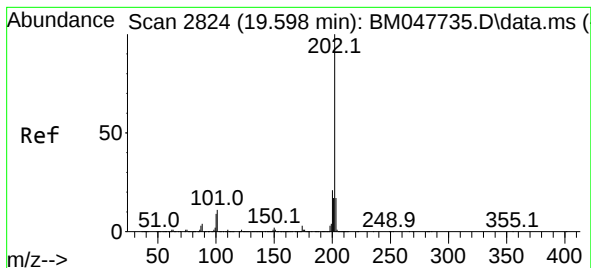
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#80
Fluoranthene
Concen: 4.275 ng/ul
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:202 Resp: 361967
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.8 6.8 10.2





#82

Pyrene

Concen: 4.190 ng/ul

RT: 19.592 min Scan# 2823

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06

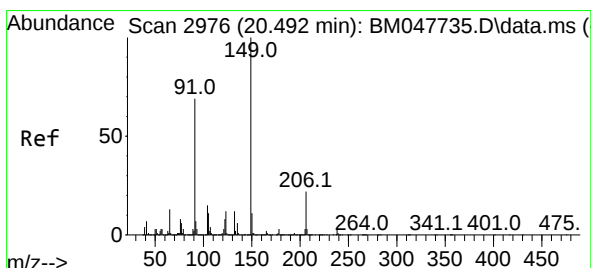
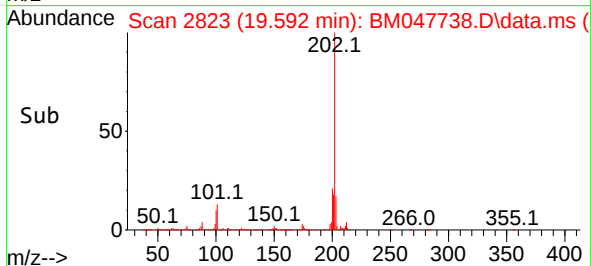
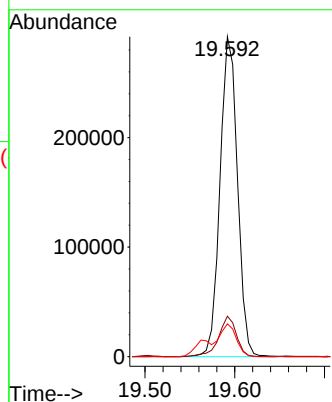
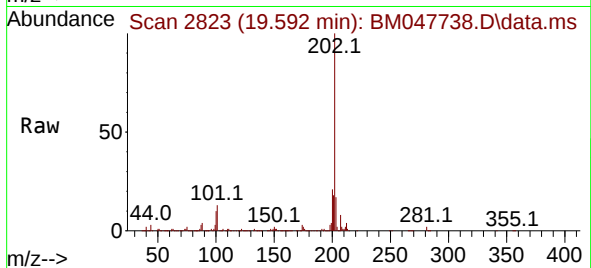
Tgt Ion:202 Resp: 394892
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.9 16.3
 100 10.2 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#83

Butylbenzylphthalate

Concen: 4.008 ng/ul

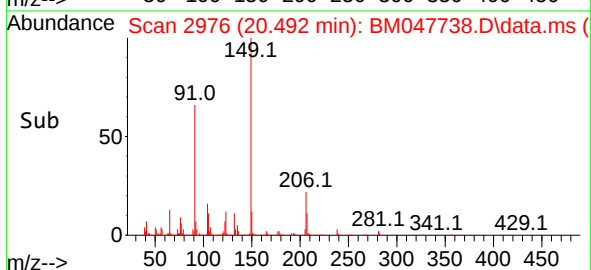
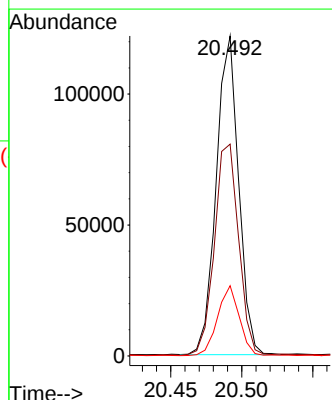
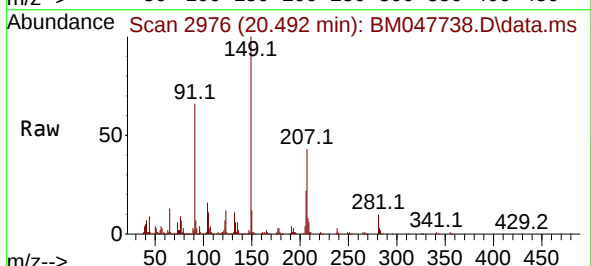
RT: 20.492 min Scan# 2976

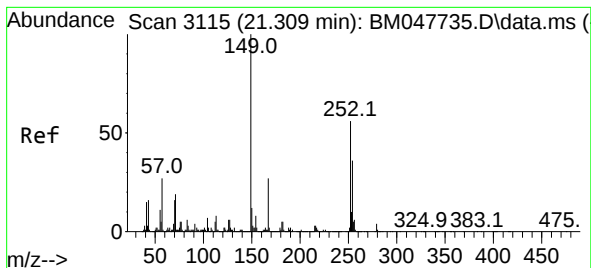
Delta R.T. -0.000 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Tgt Ion:149 Resp: 133532
 Ion Ratio Lower Upper
 149 100
 91 66.2 66.9 100.3#
 206 22.0 14.4 21.6#





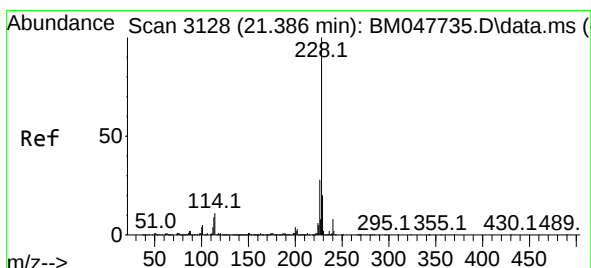
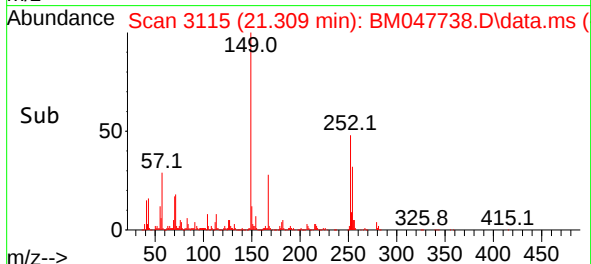
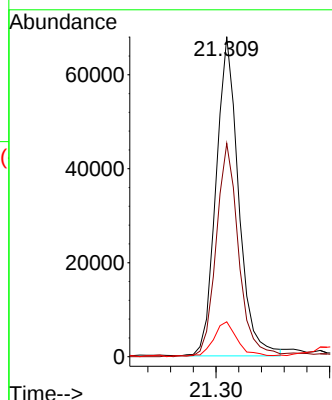
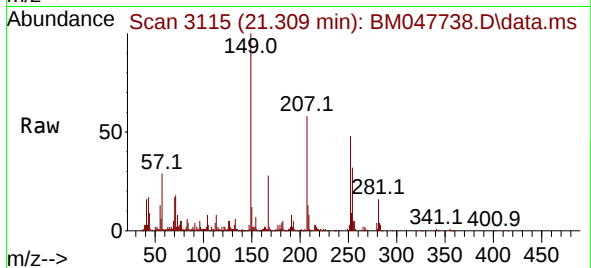
#84
3,3'-Dichlorobenzidine
Concen: 3.506 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:252 Resp: 93832
Ion Ratio Lower Upper
252 100
254 66.7 51.5 77.3
126 10.9 9.4 14.0

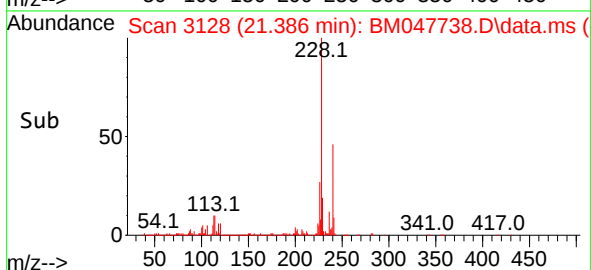
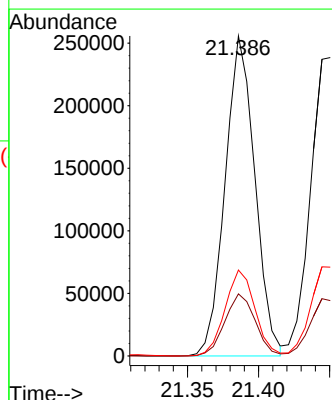
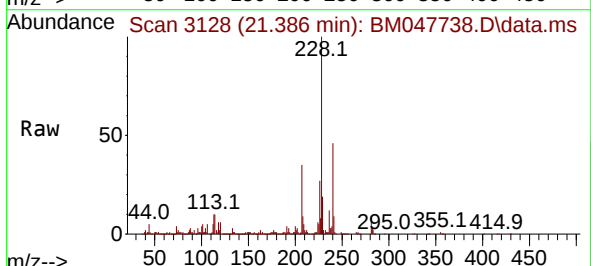
Manual Integrations
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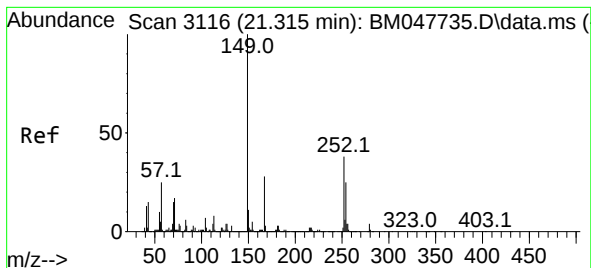
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#85
Benzo(a)anthracene
Concen: 4.201 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

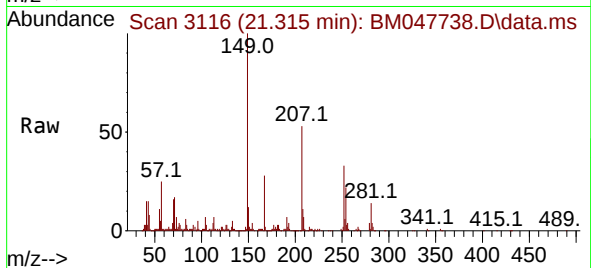
Tgt Ion:228 Resp: 372626
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 26.9 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.028 ng/ul
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

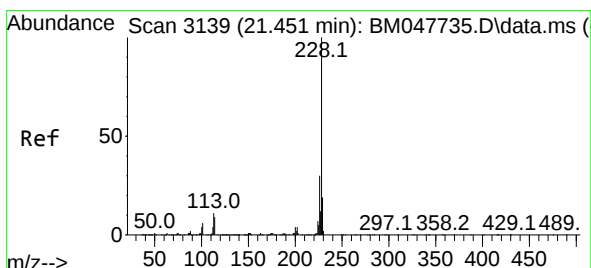
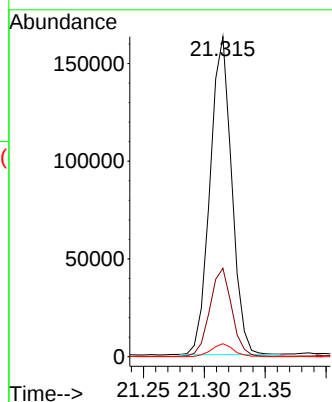
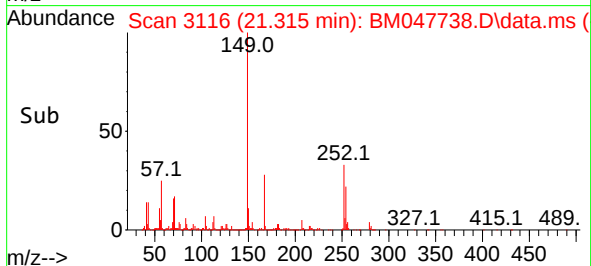
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06



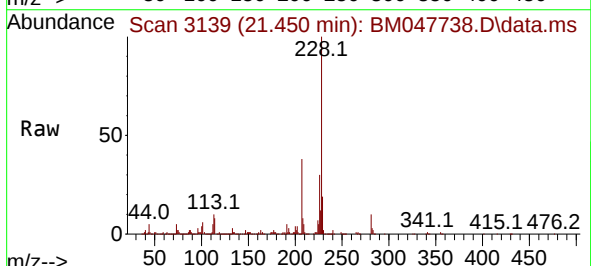
Tgt Ion:149 Resp: 201490
Ion Ratio Lower Upper
149 100
167 27.6 21.3 31.9
279 4.1 2.7 4.1

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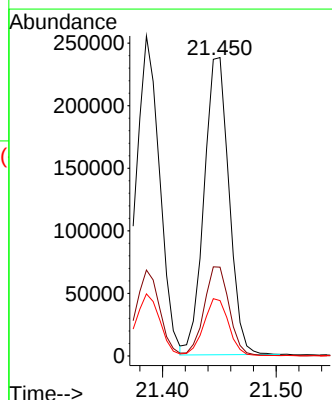
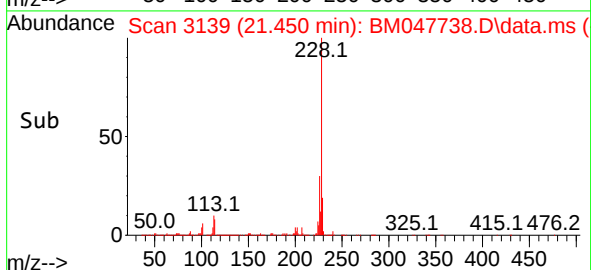
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

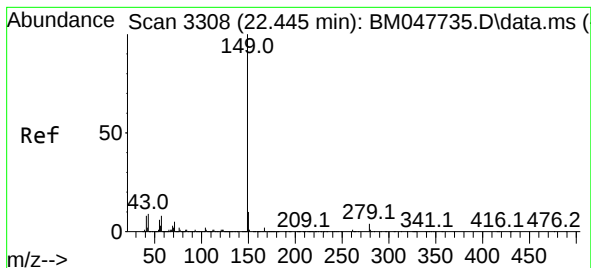


#87
Chrysene
Concen: 4.196 ng/ul
RT: 21.450 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46



Tgt Ion:228 Resp: 362771
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 18.5 15.3 22.9





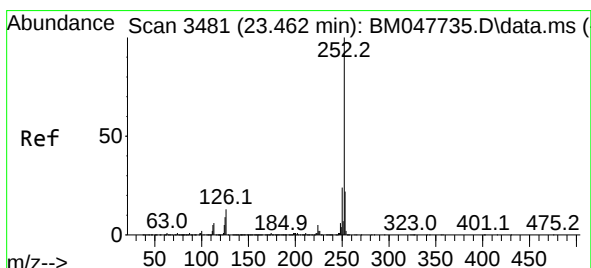
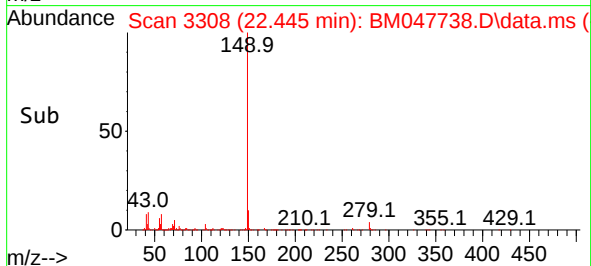
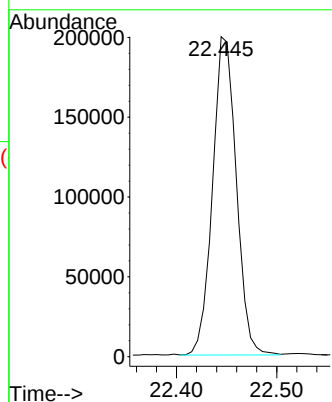
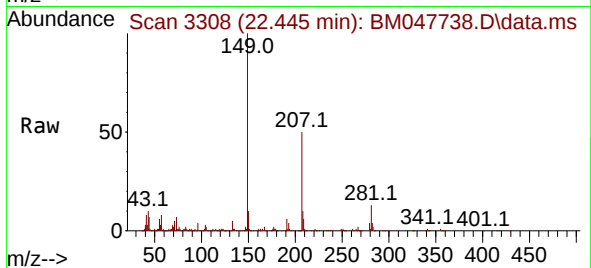
#89
Di-n-octyl phthalate
Concen: 3.749 ng/ul
RT: 22.445 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:149 Resp: 327970

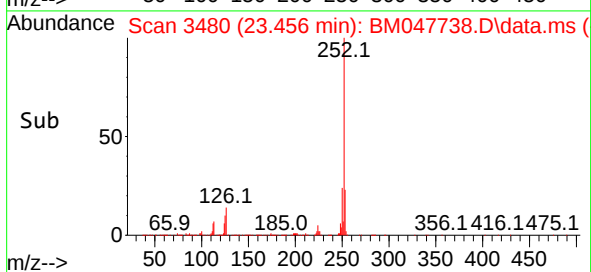
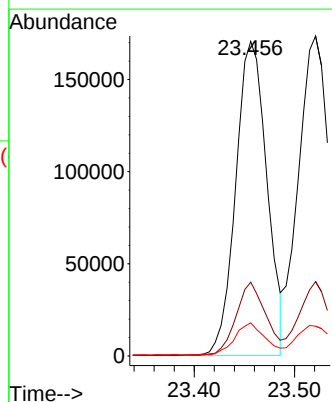
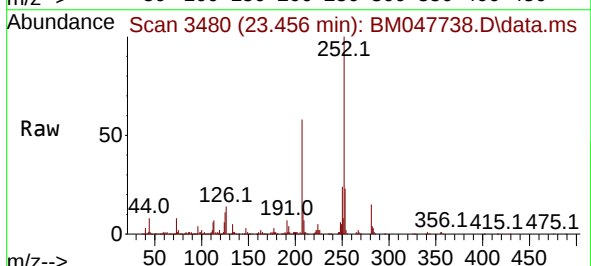
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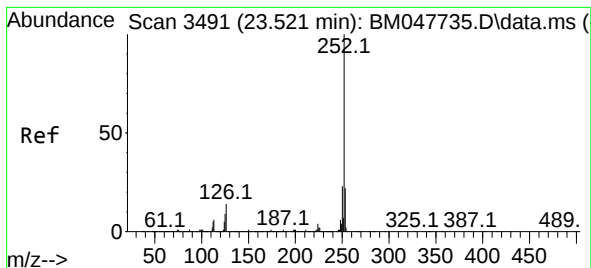
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#90
Benzo(b)fluoranthene
Concen: 4.351 ng/ul
RT: 23.456 min Scan# 3480
Delta R.T. -0.006 min
Lab File: BM047738.D
Acq: 01 Oct 2024 11:46

Tgt Ion:252 Resp: 368020
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.5 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 4.435 ng/u1

RT: 23.521 min Scan# 3491

Delta R.T. -0.006 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:252 Resp: 383609

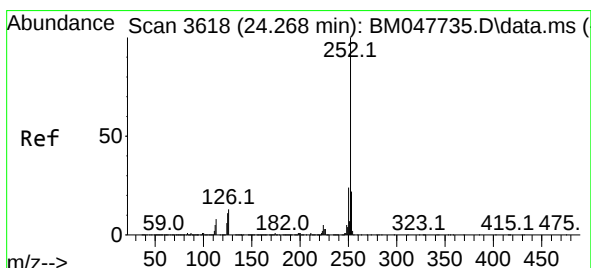
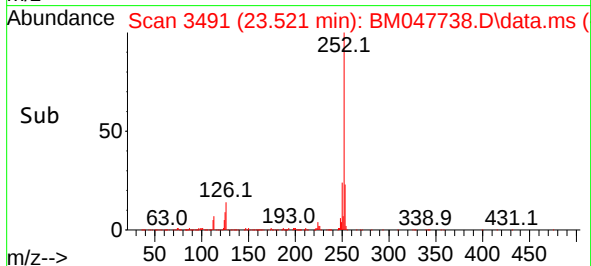
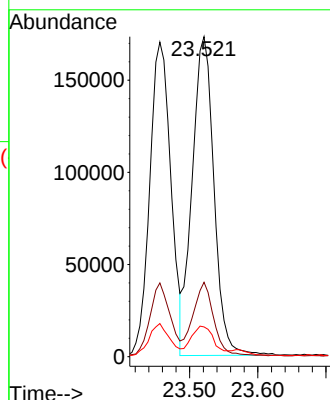
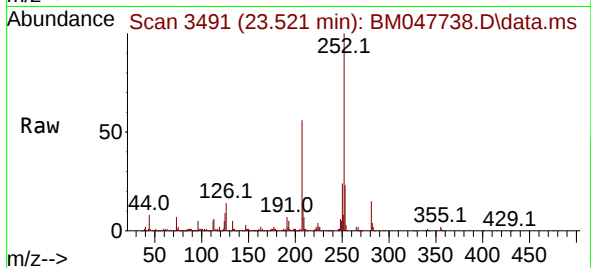
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#93

Benzo(a)pyrene

Concen: 4.452 ng/u1

RT: 24.268 min Scan# 3618

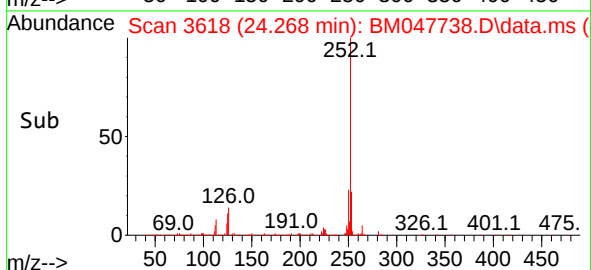
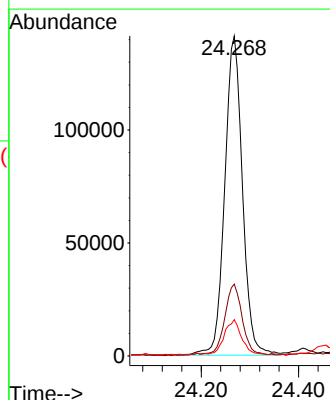
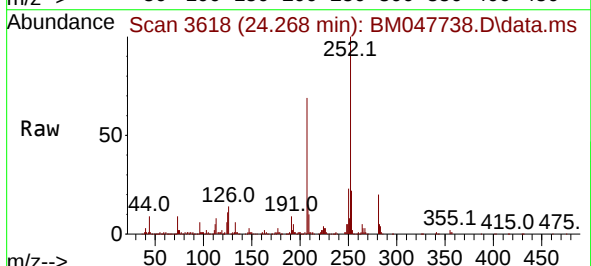
Delta R.T. -0.006 min

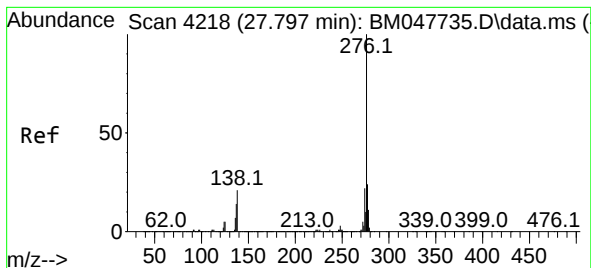
Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

Tgt Ion:252 Resp: 357627

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.3	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.239 ng/ul

RT: 27.791 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM047738.D

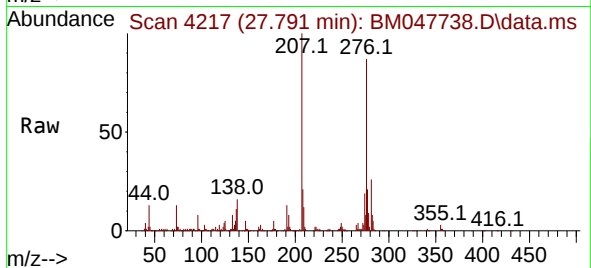
Acq: 01 Oct 2024 11:46

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion:276 Resp: 43645

Ion Ratio Lower Upper

276 100

138 18.5 16.9 25.3

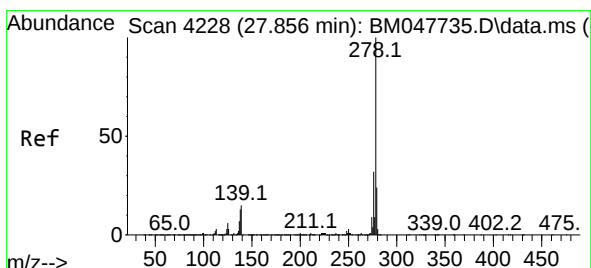
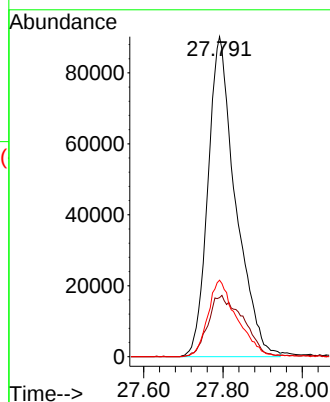
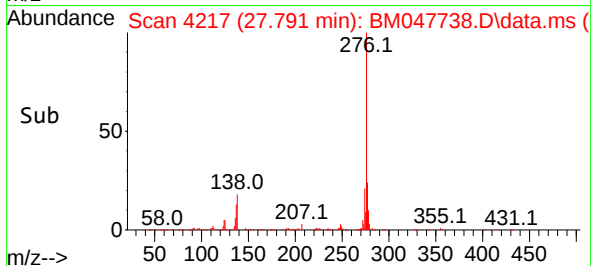
277 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.237 ng/ul

RT: 27.844 min Scan# 4226

Delta R.T. -0.018 min

Lab File: BM047738.D

Acq: 01 Oct 2024 11:46

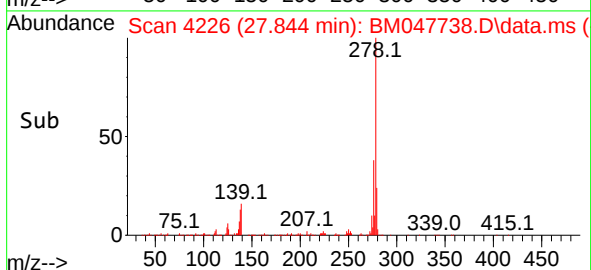
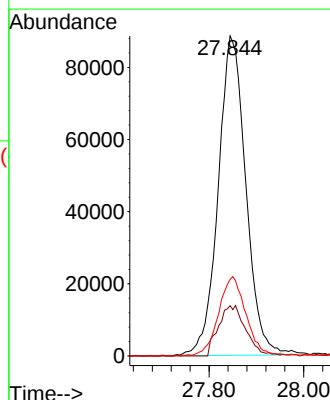
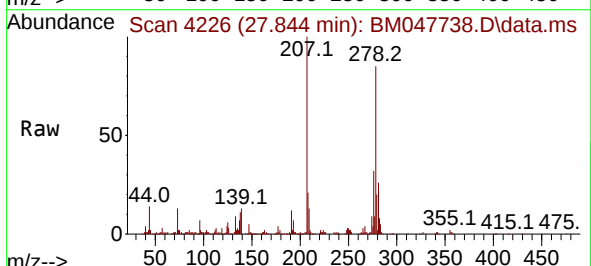
Tgt Ion:278 Resp: 357450

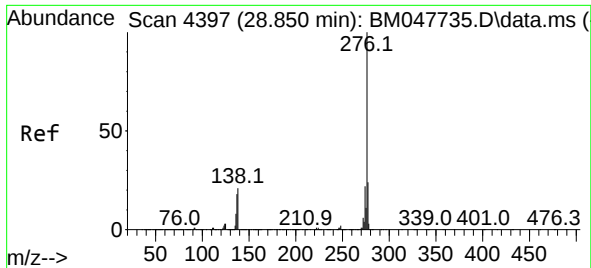
Ion Ratio Lower Upper

278 100

139 15.7 13.4 20.2

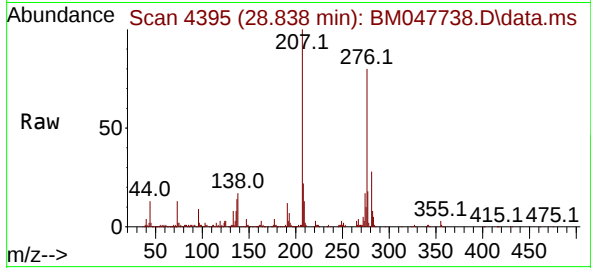
279 23.9 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 4.493 ng/ul
 RT: 28.838 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BM047738.D
 Acq: 01 Oct 2024 11:46

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2024-06



Tgt Ion:276 Resp: 362440
 Ion Ratio Lower Upper
 276 100
 138 21.2 18.7 28.1
 277 22.9 18.3 27.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

