

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047739.D
 Acq On : 01 Oct 2024 12:26
 Operator : RC/JU
 Sample : P3391-06
 Misc : SFAM-MDL-ME SOIL-02
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Oct 01 23:01:40 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	272454	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1129487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	682122	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1373013	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1280798	20.000	ng/u1	0.00
88) Perylene-d12	24.409	264	1362912	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	31253	3.707	ng/uL	0.00
4) Pyridine-d5	3.675	84	473457	19.179	ng/u1	0.00
7) Phenol-d5	6.975	99	530082	20.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	326513	17.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	415561	22.170	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	367970	19.210	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	207559	23.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	215607	25.018	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	395296	22.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	522076	19.616	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1066373	21.563	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1284667	21.909	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	196183	19.925	ng/u1	0.00
60) Fluorene-d10	15.433	176	954802	22.290	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	133347	16.596	ng/u1	0.00
73) Anthracene-d10	17.280	188	1195858	17.713	ng/u1	0.00
81) Pyrene-d10	19.562	212	1608987	22.134	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.203	264	1626553	23.002	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.693	79	90307	3.475	ng/u1	87
6) Benzaldehyde	6.951	77	61155	4.365	ng/u1	88
8) Phenol	6.998	94	102584	3.742	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.234	93	85592	3.918	ng/u1	89
12) 2-Chlorophenol	7.375	128	85261	4.294	ng/u1	94
13) 2-Methylphenol	8.251	108	66038	3.455	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.333	45	128338	3.121	ng/u1#	91
16) Acetophenone	8.628	105	125366	3.825	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.616	70	61674	3.553	ng/u1#	90
18) 4-Methylphenol	8.575	108	80115	3.730	ng/u1	98
19) Hexachloroethane	8.892	117	36035	4.037	ng/u1#	83
22) Nitrobenzene	9.004	77	98322	3.849	ng/u1	94
23) Isophorone	9.533	82	173217	3.790	ng/u1	94
25) 2-Nitrophenol	9.716	139	44209	4.484	ng/u1	92
26) 2,4-Dimethylphenol	9.780	107	28598	1.354	ng/u1#	85
27) Bis(2-Chloroethoxy)met...	10.016	93	110047	3.937	ng/u1	97
29) 2,4-Dichlorophenol	10.251	162	77407	4.354	ng/u1	96
30) Naphthalene	10.651	128	277704	4.274	ng/u1	98
32) 4-Chloroaniline	10.757	127	99507	3.797	ng/u1	97
33) Hexachlorobutadiene	10.945	225	51902	4.419	ng/u1	95
34) Caprolactam	11.545	113	33066m	5.816	ng/u1	
35) 4-Chloro-3-methylphenol	11.880	107	69663	3.786	ng/u1	95
36) 2-Methylnaphthalene	12.263	142	176847	4.284	ng/u1	95
37) 1-Methylnaphthalene	12.486	142	179899	4.283	ng/u1	100

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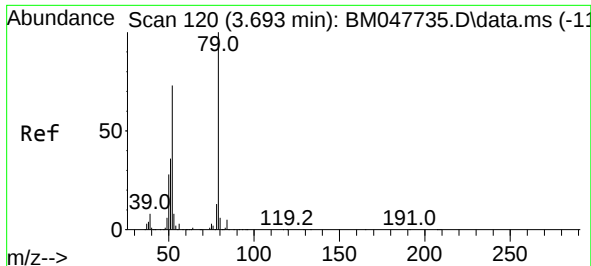
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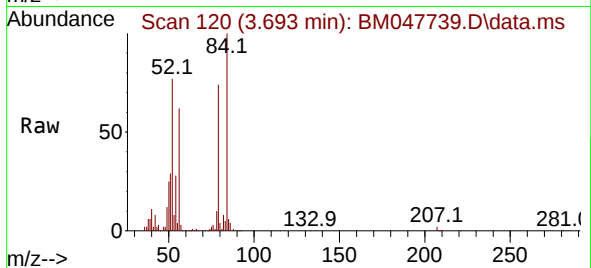
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.633	216	94224	4.243	ng/ul	96
40) Hexachlorocyclopentadiene	12.621	237	31803	2.368	ng/ul	98
41) 2,4,6-Trichlorophenol	12.874	196	55458	4.317	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	56266	4.005	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	229292	4.198	ng/ul#	97
44) 2-Chloronaphthalene	13.315	162	179590	4.252	ng/ul	97
45) 2-Nitroaniline	13.515	65	40788	3.042	ng/ul	86
47) Dimethylphthalate	13.898	163	210905	4.211	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	32699	3.718	ng/ul	92
50) Acenaphthylene	14.162	152	291020	4.401	ng/ul	98
51) 3-Nitroaniline	14.339	138	33436	3.141	ng/ul#	92
52) Acenaphthene	14.510	153	191756	4.102	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	22695	4.176	ng/ul#	78
55) 4-Nitrophenol	14.645	109	30348	3.671	ng/ul	92
56) Dibenzofuran	14.839	168	262225	4.167	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	51306	3.884	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.068	232	49710	4.489	ng/ul#	94
59) Diethylphthalate	15.262	149	201611	4.023	ng/ul	97
61) Fluorene	15.492	166	214987	4.095	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	104610	4.217	ng/ul	95
63) 4-Nitroaniline	15.498	138	33799m	3.269	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.557	198	31594	3.549	ng/ul#	99
67) N-Nitrosodiphenylamine	15.692	169	166128	3.883	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	61265	4.329	ng/ul	98
69) Hexachlorobenzene	16.492	284	71953	4.369	ng/ul	93
70) Atrazine	16.645	200	57756	4.055	ng/ul	99
71) Pentachlorophenol	16.833	266	68928	6.582	ng/ul	99
72) Phenanthrene	17.221	178	328010	4.074	ng/ul	99
74) Anthracene	17.309	178	279699	3.406	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	88924	3.912	ng/uL	98
76) Pentachlorobenzene	14.762	250	94870	4.275	ng/uL	99
77) Carbazole	17.580	167	285951	3.841	ng/ul	98
78) Di-n-butylphthalate	18.145	149	327480	3.952	ng/ul	99
80) Fluoranthene	19.233	202	367147	4.288	ng/ul	97
82) Pyrene	19.592	202	398708	4.184	ng/ul	96
83) Butylbenzylphthalate	20.491	149	137764	4.090	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.309	252	94305	3.485	ng/ul	99
85) Benzo(a)anthracene	21.386	228	374145	4.172	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.315	149	203318	4.020	ng/ul#	97
87) Chrysene	21.450	228	369130	4.222	ng/ul	98
89) Di-n-octyl phthalate	22.444	149	331682	3.773	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	370098	4.354	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	387246	4.456	ng/ul	98
93) Benzo(a)pyrene	24.268	252	353630	4.381	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.791	276	433117	4.187	ng/ul	96
95) Dibenzo(a,h)anthracene	27.850	278	365020	4.306	ng/ul	99
96) Benzo(g,h,i)perylene	28.844	276	366674	4.524	ng/ul	98

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



#5
Pyridine
Concen: 3.475 ng/ul
RT: 3.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047739.D
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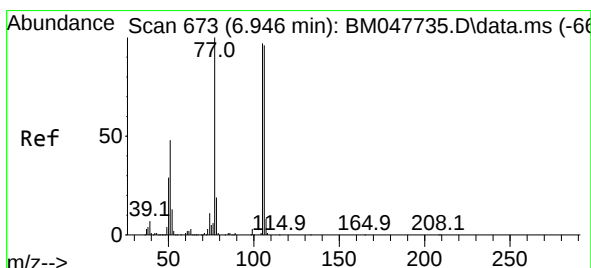
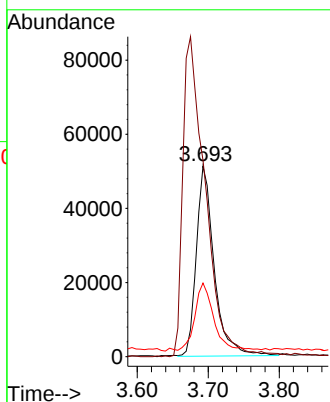
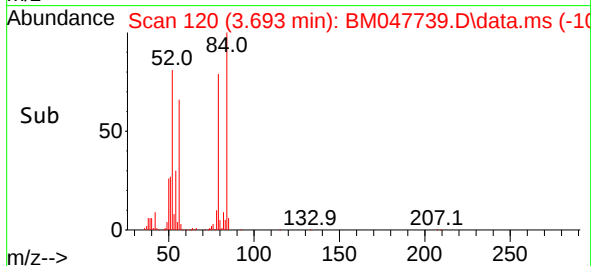
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion: 79 Resp: 9030
Ion Ratio Lower Upper
79 100
52 103.1 69.4 104.2
51 38.7 32.6 49.0

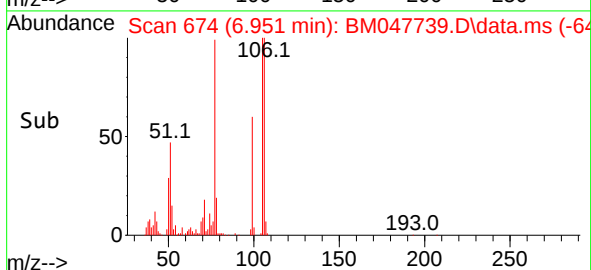
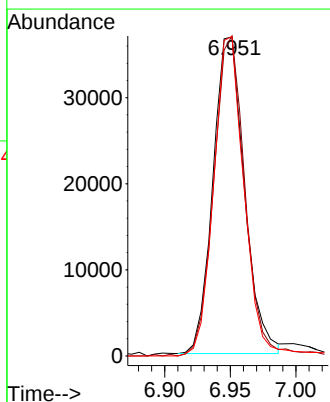
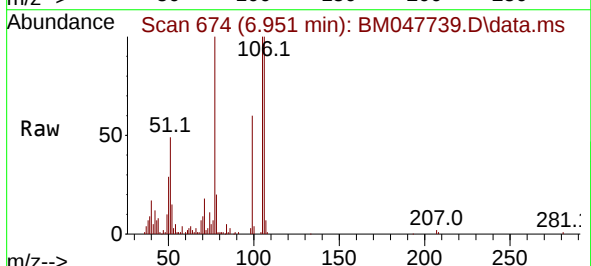
Manual Integrations
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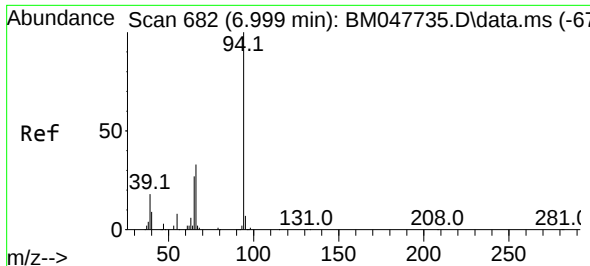
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#6
Benzaldehyde
Concen: 4.365 ng/ul
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

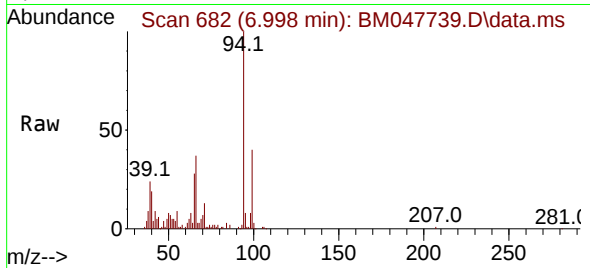
Tgt Ion: 77 Resp: 61155
Ion Ratio Lower Upper
77 100
105 100.3 72.2 108.2
106 100.1 70.7 106.1





#8
Phenol
Concen: 3.742 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

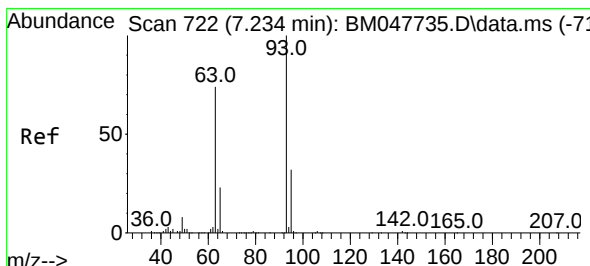
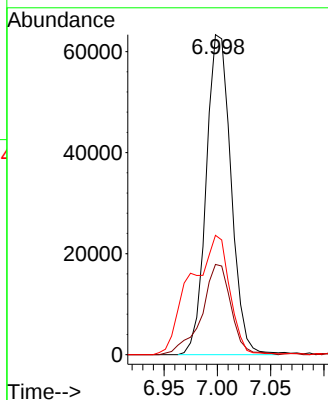
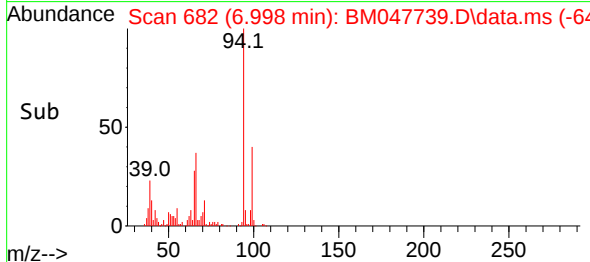
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2024-06



Tgt Ion: 94 Resp: 102584
Ion Ratio Lower Upper
94 100
65 28.2 26.3 39.5
66 37.3 30.5 45.7

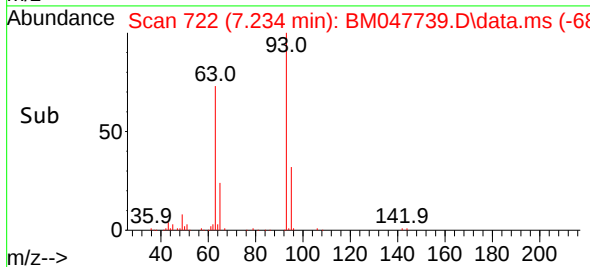
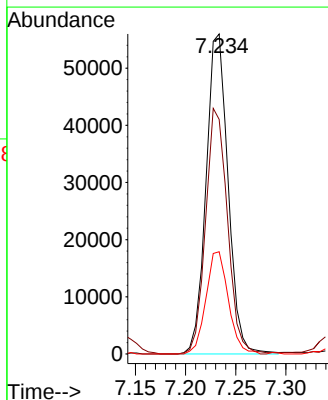
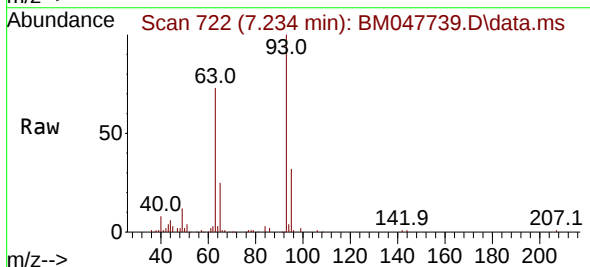
Manual Integrations
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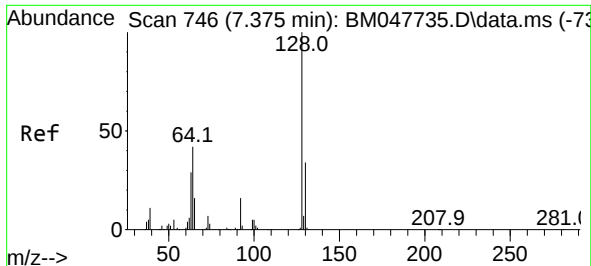
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#10
Bis(2-Chloroethyl)ether
Concen: 3.918 ng/ul
RT: 7.234 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion: 93 Resp: 85592
Ion Ratio Lower Upper
93 100
63 73.3 69.4 104.2
95 32.0 25.0 37.6





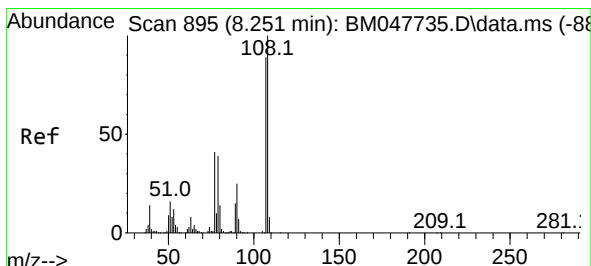
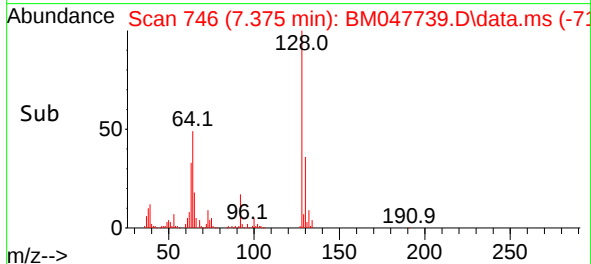
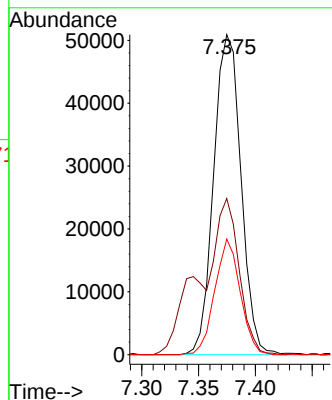
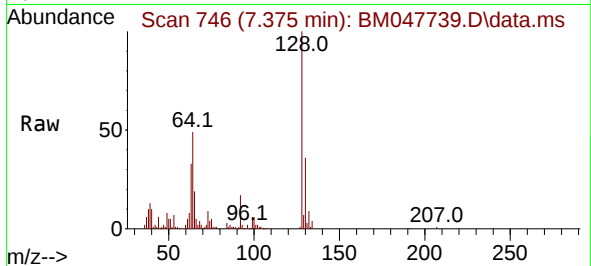
#12
2-Chlorophenol
Concen: 4.294 ng/ul
RT: 7.375 min Scan# 746
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

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

Tgt Ion:128 Resp: 8526
Ion Ratio Lower Upper
128 100
64 48.8 42.7 64.1
130 36.1 26.0 39.0

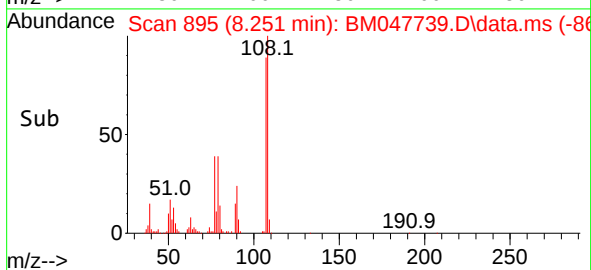
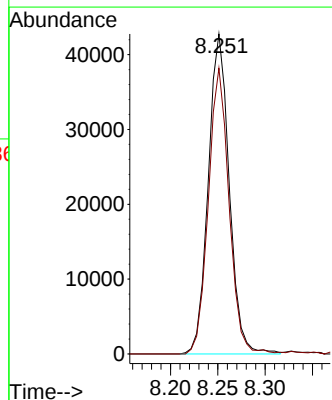
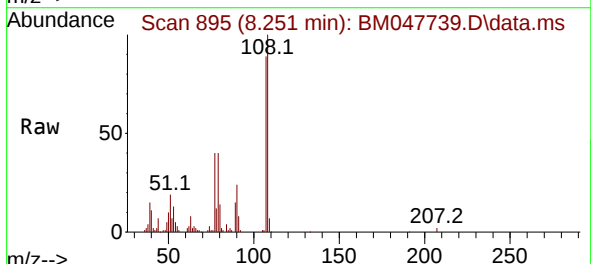
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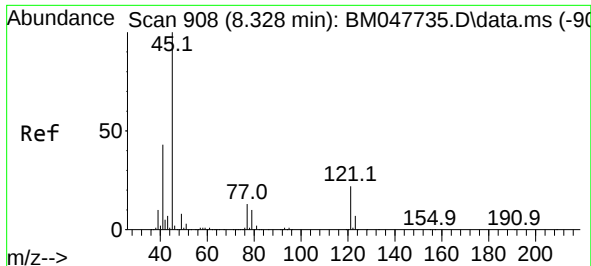
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#13
2-Methylphenol
Concen: 3.455 ng/ul
RT: 8.251 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:108 Resp: 66038
Ion Ratio Lower Upper
108 100
107 89.3 69.3 103.9





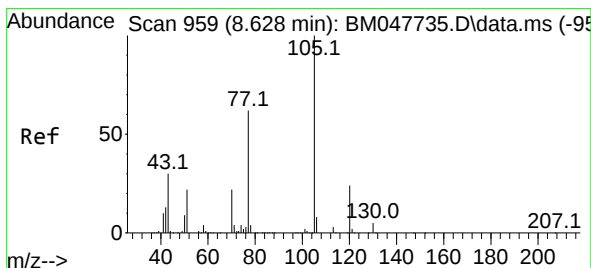
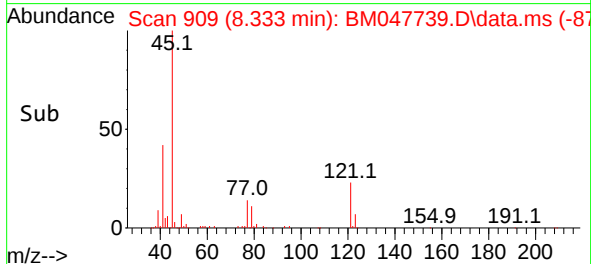
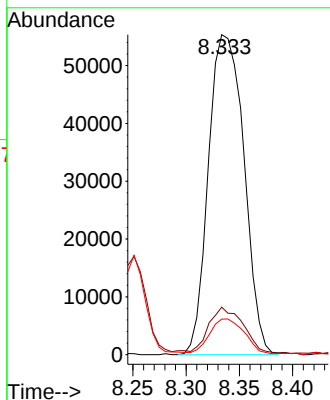
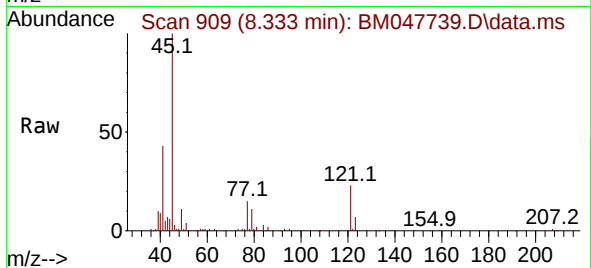
#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.121 ng/ul
RT: 8.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

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BNA_M
ClientSampleId :
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Tgt Ion: 45 Resp: 128338
Ion Ratio Lower Upper
45 100
77 14.8 9.0 13.6
79 11.1 6.5 9.7

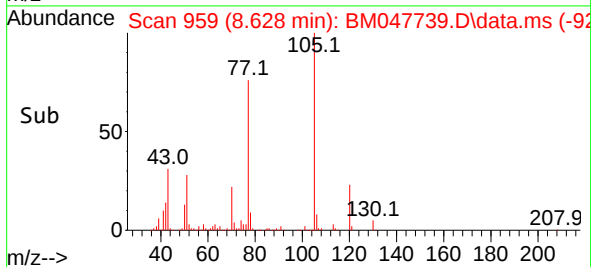
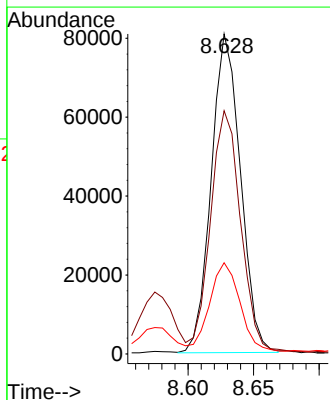
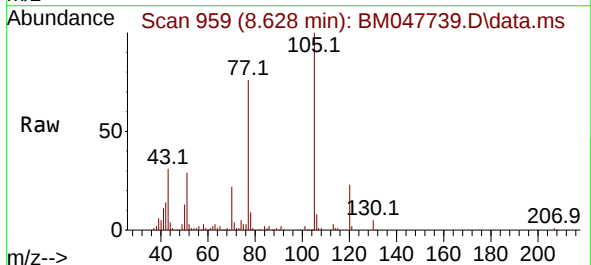
Manual Integrations
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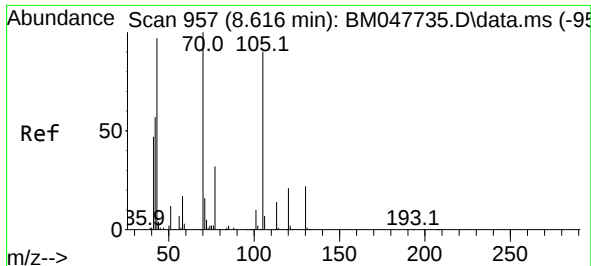
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#16
Acetophenone
Concen: 3.825 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
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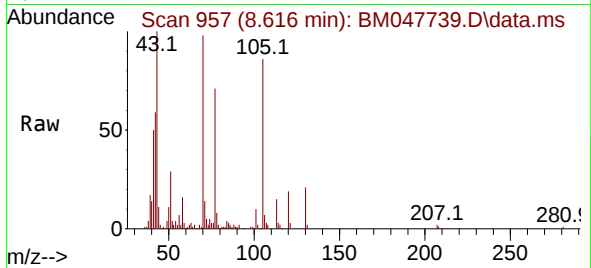
Tgt Ion:105 Resp: 125366
Ion Ratio Lower Upper
105 100
77 76.0 66.6 100.0
51 28.5 27.0 40.4





#17
N-Nitroso-di-n-propylamine
Concen: 3.553 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
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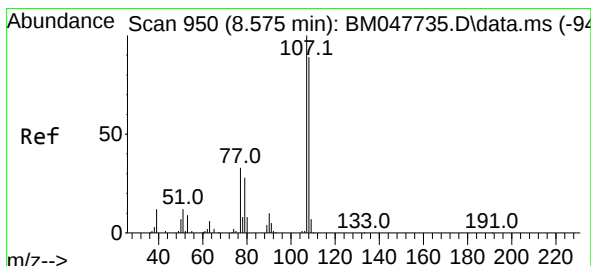
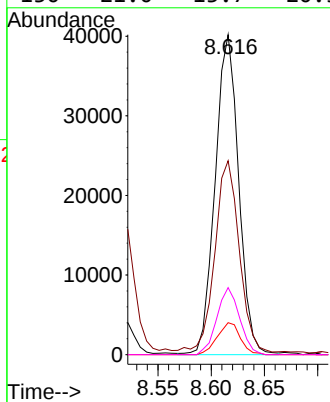
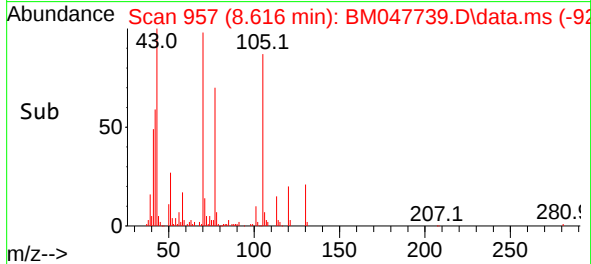
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BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion: 70 Resp: 61674
Ion Ratio Lower Upper
70 100
42 60.6 55.3 82.9
101 10.0 6.8 10.2
130 21.0 13.7 20.5#

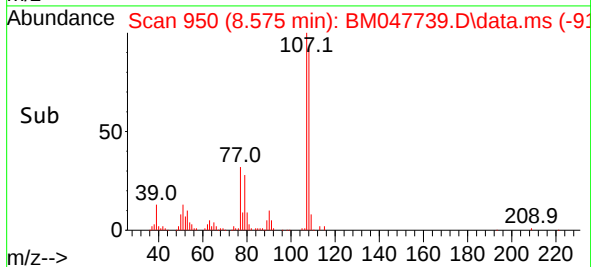
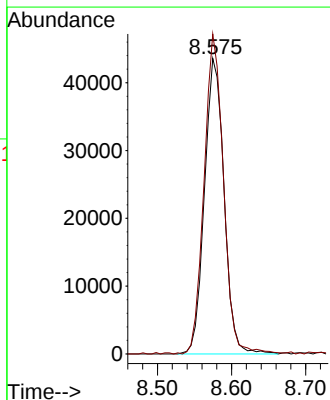
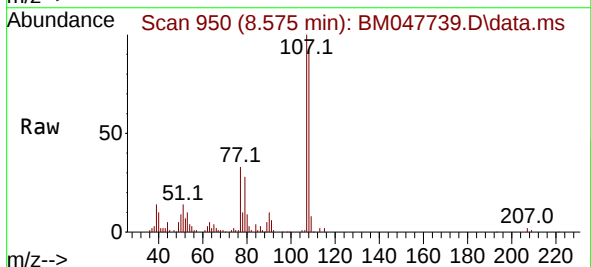
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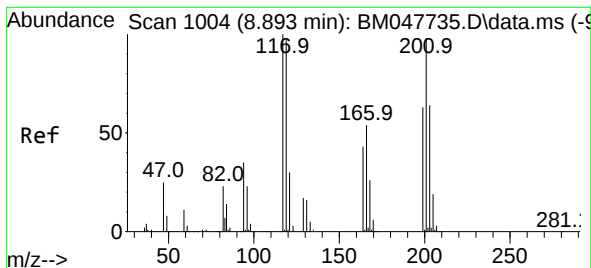
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#18
4-Methylphenol
Concen: 3.730 ng/ul
RT: 8.575 min Scan# 950
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:108 Resp: 80115
Ion Ratio Lower Upper
108 100
107 108.3 88.4 132.6





#19

Hexachloroethane

Concen: 4.037 ng/ul

RT: 8.892 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BM047739.D

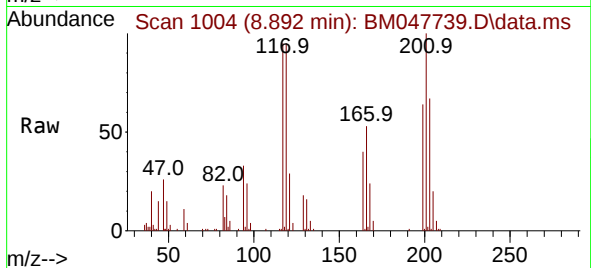
Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06



Tgt Ion: 117 Resp: 3603

Ion Ratio Lower Upper

117 100

201 105.6 71.0 106.6

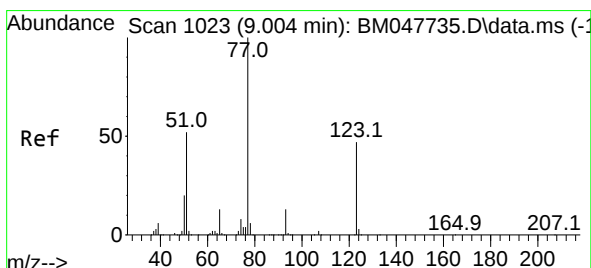
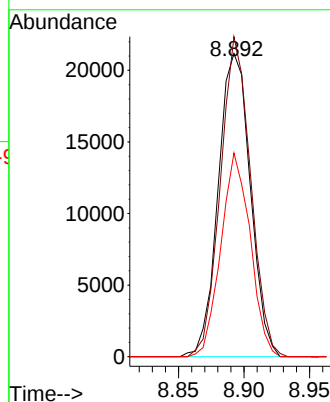
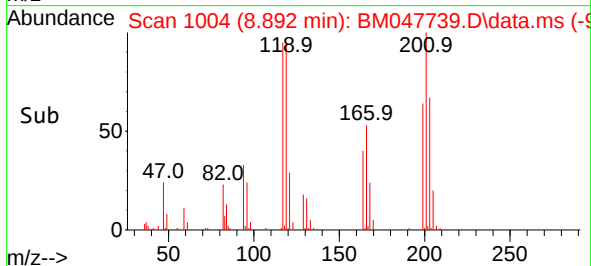
199 67.2 44.2 66.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#22

Nitrobenzene

Concen: 3.849 ng/ul

RT: 9.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

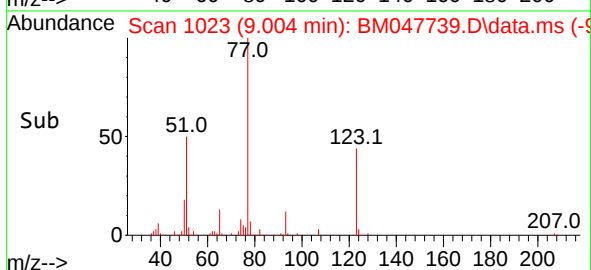
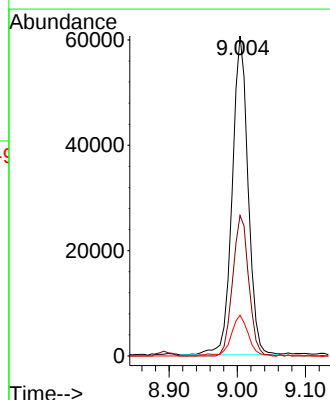
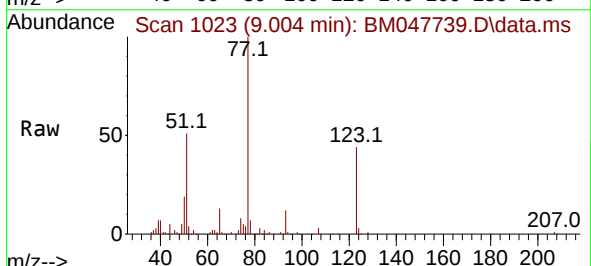
Tgt Ion: 77 Resp: 98322

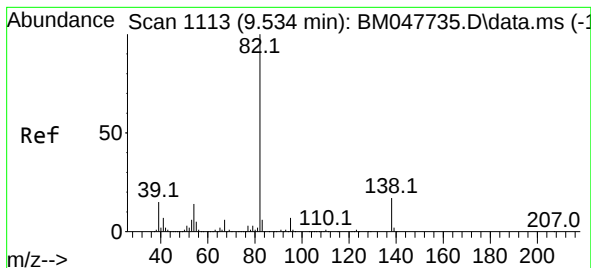
Ion Ratio Lower Upper

77 100

123 43.9 31.7 47.5

65 12.7 11.1 16.7





#23

Isophorone

Concen: 3.790 ng/ul

RT: 9.533 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BM047739.D

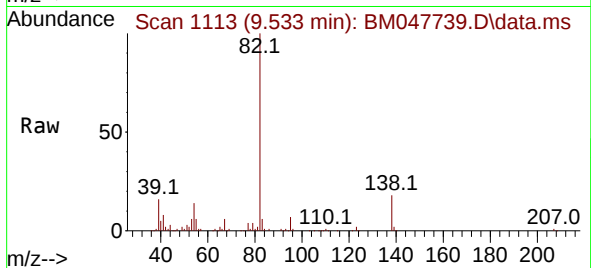
Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06



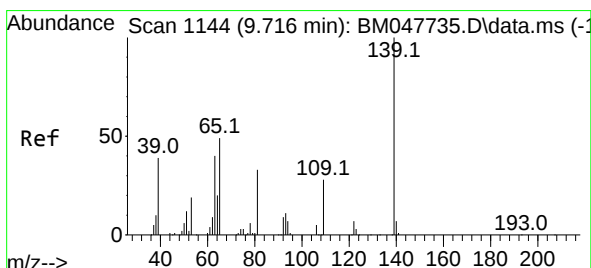
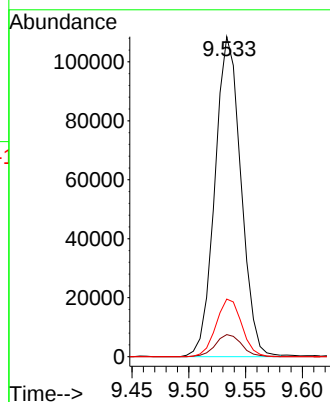
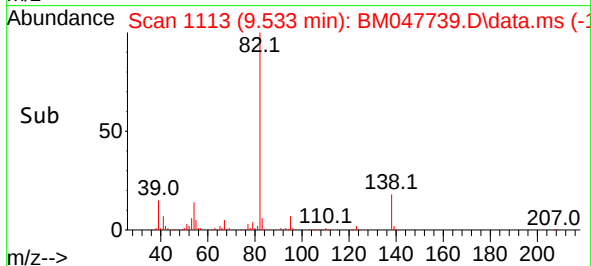
Tgt Ion:	82	Resp:	17321
Ion Ratio	Lower	Upper	
82	100		
95	6.9	4.9	7.3
138	18.0	12.0	18.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#25

2-Nitrophenol

Concen: 4.484 ng/ul

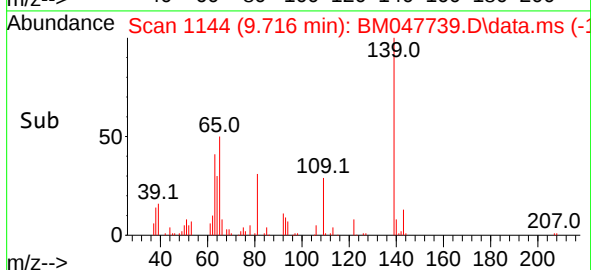
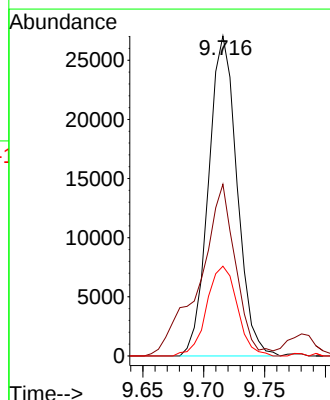
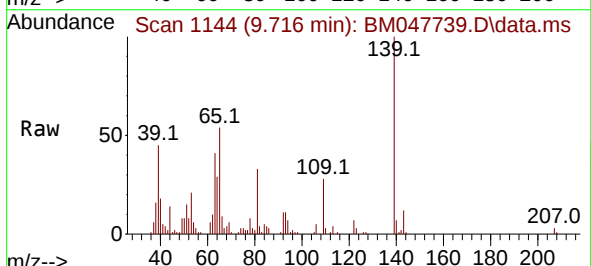
RT: 9.716 min Scan# 1144

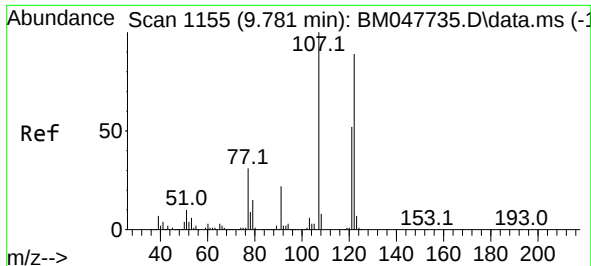
Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

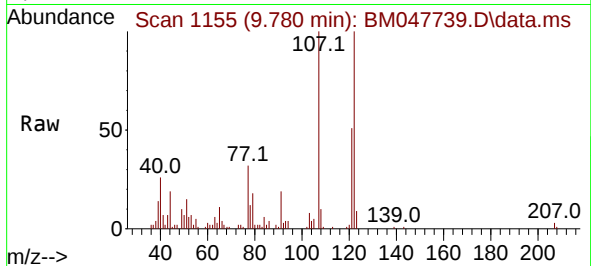
Tgt Ion:	139	Resp:	44209
Ion Ratio	Lower	Upper	
139	100		
65	53.7	49.6	74.4
109	28.0	23.4	35.2





#26
2,4-Dimethylphenol
Concen: 1.354 ng/ul
RT: 9.780 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

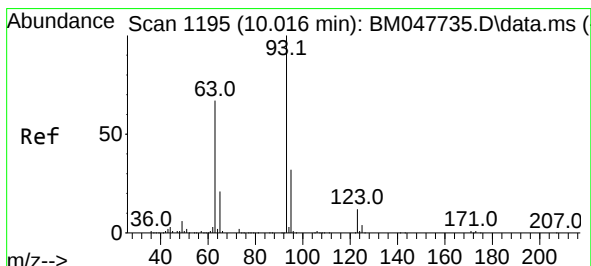
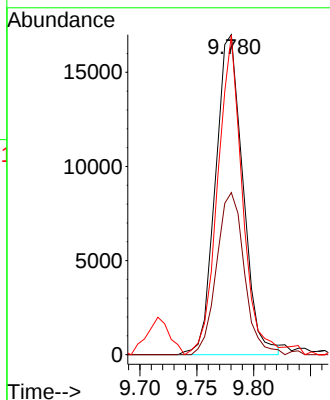
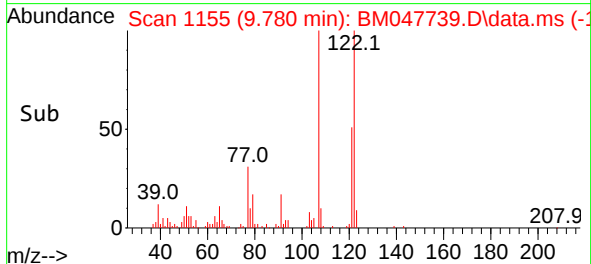
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:107 Resp: 28598
Ion Ratio Lower Upper
107 100
121 50.7 37.8 56.8
122 99.8 65.4 98.0

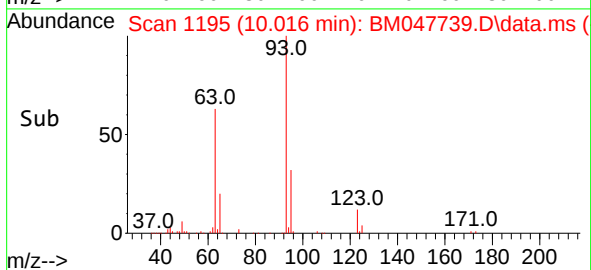
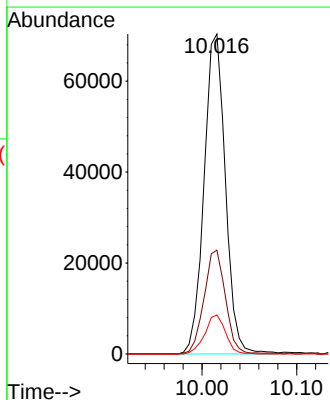
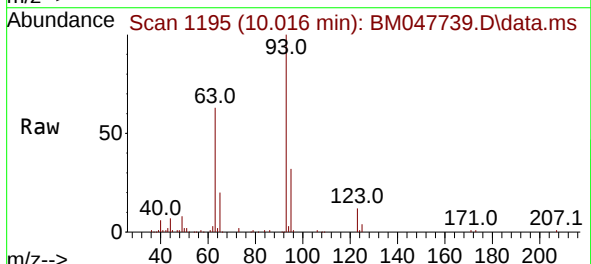
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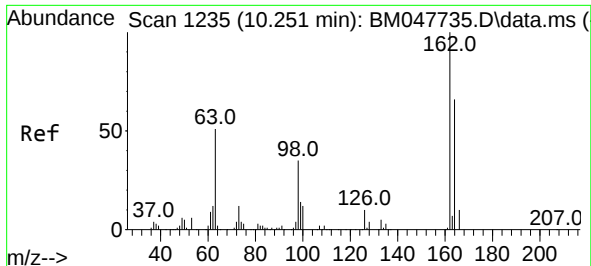
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#27
Bis(2-Chloroethoxy)methane
Concen: 3.937 ng/ul
RT: 10.016 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion: 93 Resp: 110047
Ion Ratio Lower Upper
93 100
95 32.4 27.1 40.7
123 12.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 4.354 ng/ul

RT: 10.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

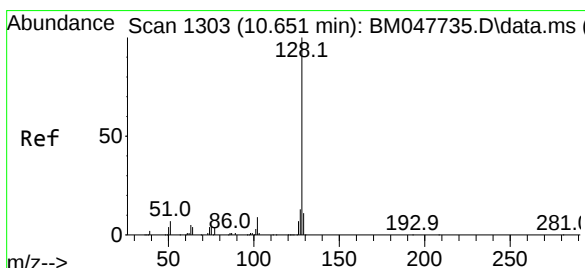
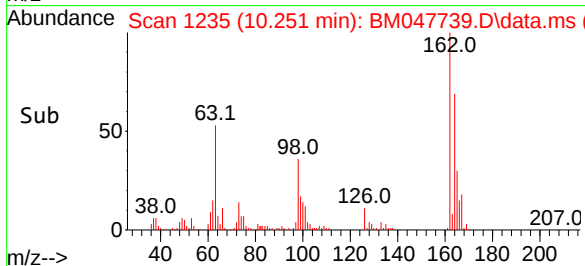
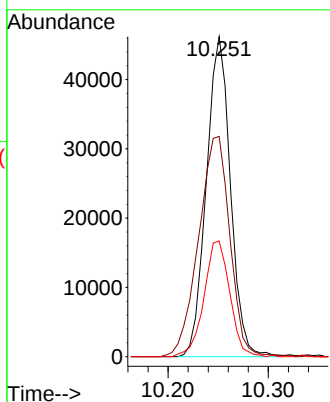
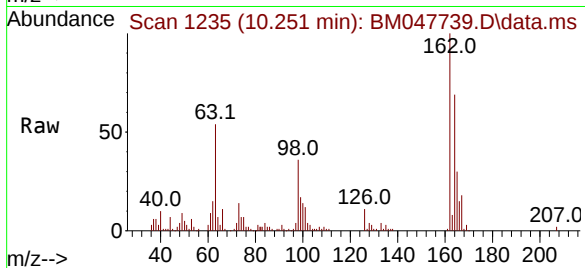
Tgt Ion:	162	Resp:	7740
Ion Ratio	Lower	Upper	
162	100		
164	68.8	52.2	78.2
98	36.2	30.6	46.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#30

Naphthalene

Concen: 4.274 ng/ul

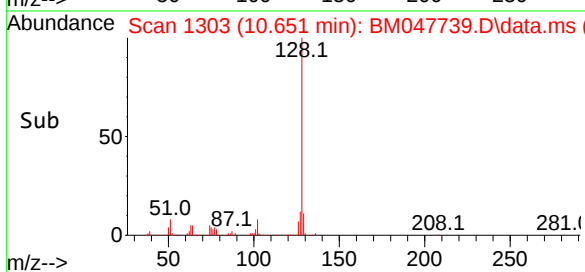
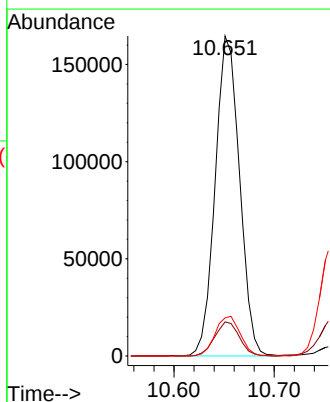
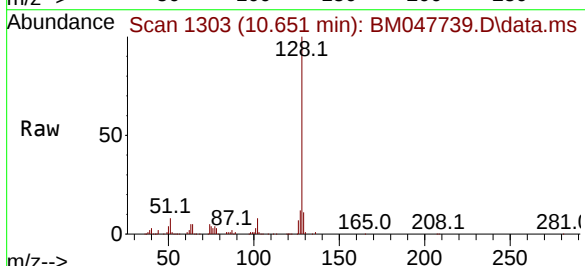
RT: 10.651 min Scan# 1303

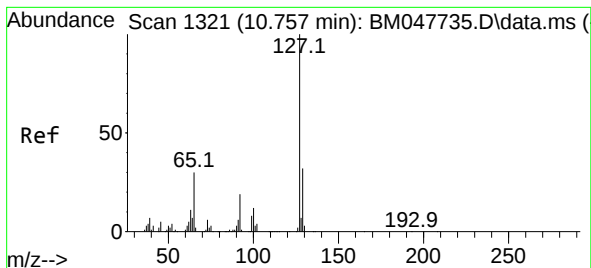
Delta R.T. -0.012 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Tgt Ion:	128	Resp:	277704
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	12.8
127	11.9	10.4	15.6





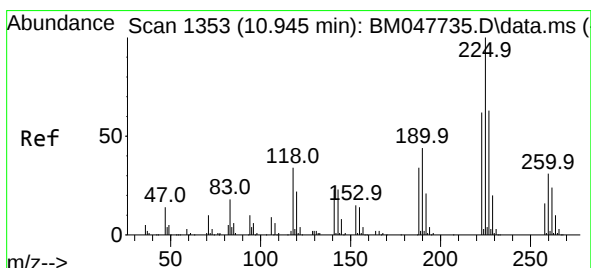
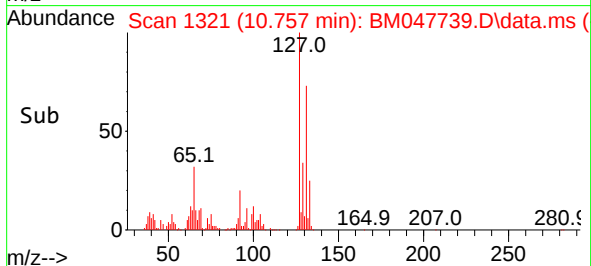
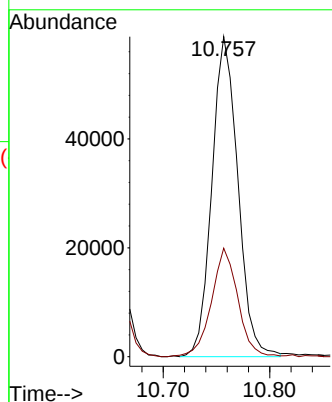
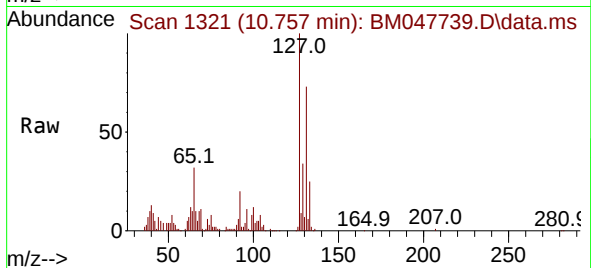
#32
4-Chloroaniline
Concen: 3.797 ng/ul
RT: 10.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

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

Tgt Ion:127 Resp: 9950
Ion Ratio Lower Upper
127 100
129 33.9 25.9 38.9

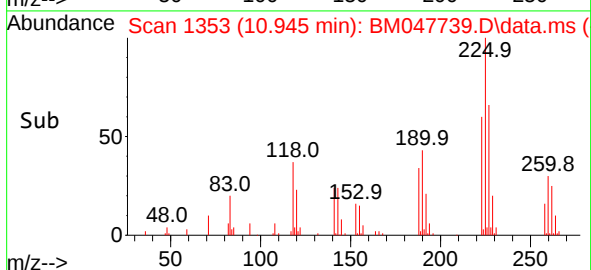
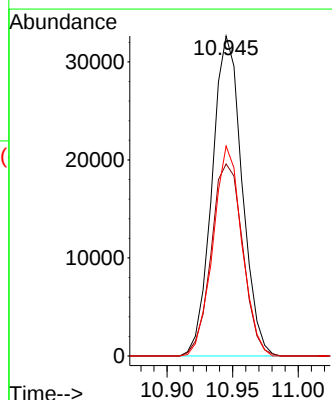
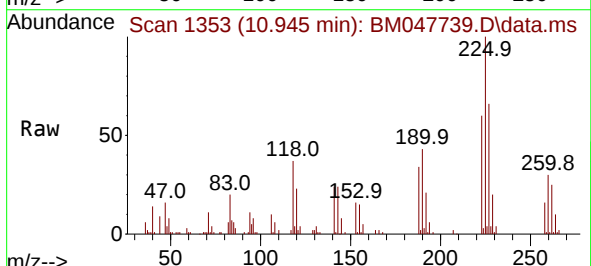
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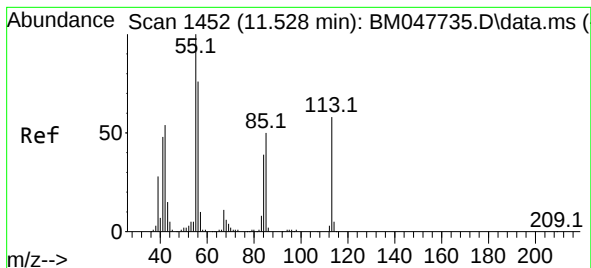
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#33
Hexachlorobutadiene
Concen: 4.419 ng/ul
RT: 10.945 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:225 Resp: 51902
Ion Ratio Lower Upper
225 100
223 60.0 50.3 75.5
227 65.6 49.1 73.7





#34

Caprolactam

Concen: 5.816 ng/ul m

RT: 11.545 min Scan# 1452

Delta R.T. 0.011 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

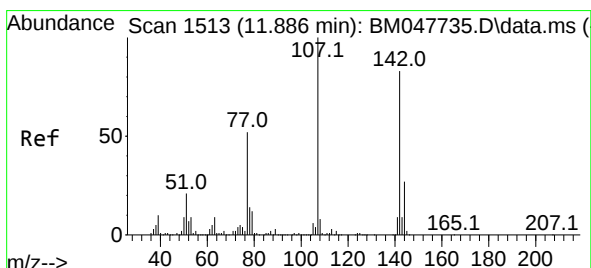
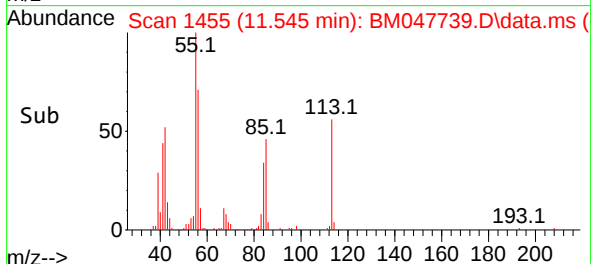
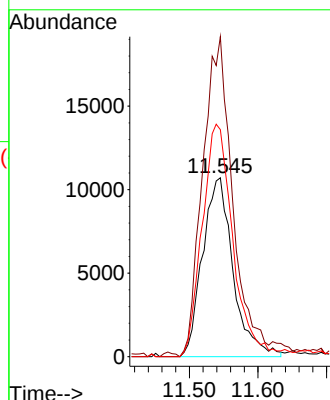
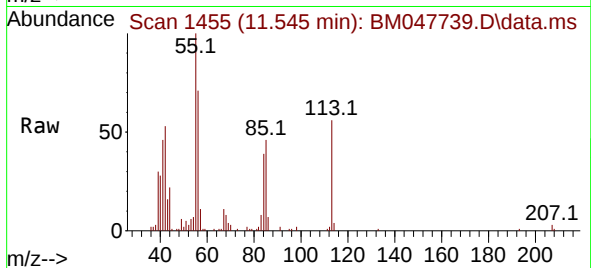
Tgt Ion:	113	Resp:	3306
Ion Ratio	Lower	Upper	
113	100		
55	178.8	167.9	251.9
56	126.9	131.3	196.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#35

4-Chloro-3-methylphenol

Concen: 3.786 ng/ul

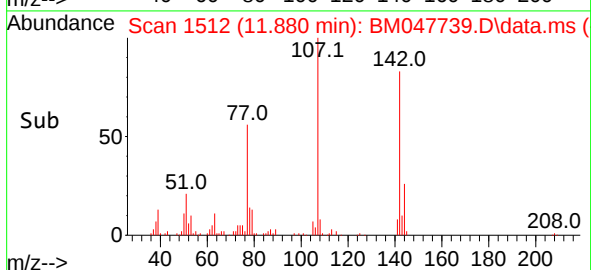
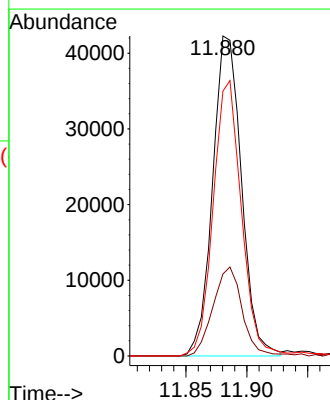
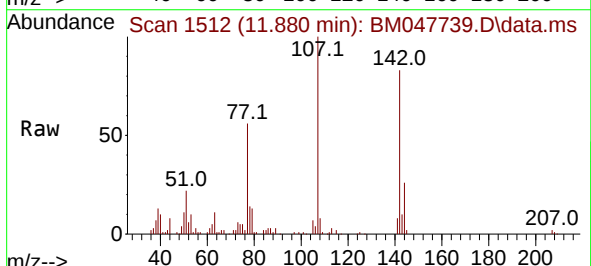
RT: 11.880 min Scan# 1512

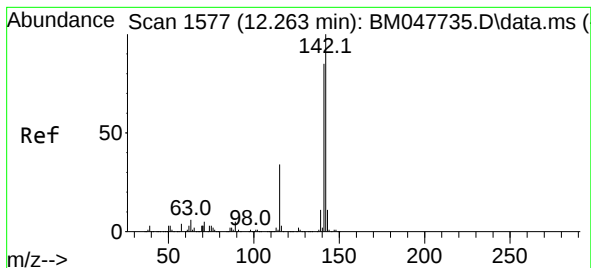
Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

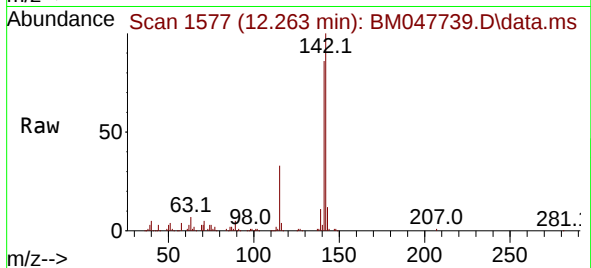
Tgt Ion:	107	Resp:	69663
Ion Ratio	Lower	Upper	
107	100		
144	25.6	18.7	28.1
142	82.7	62.7	94.1





#36
2-Methylnaphthalene
Concen: 4.284 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

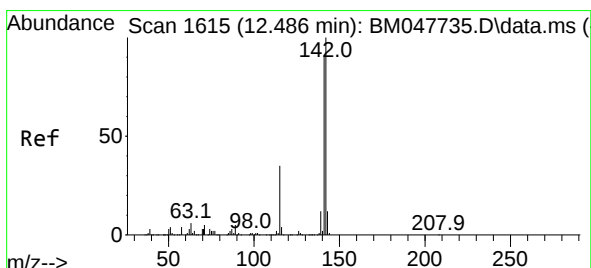
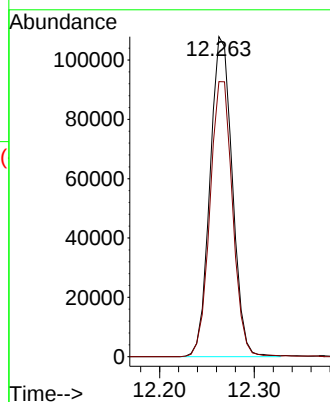
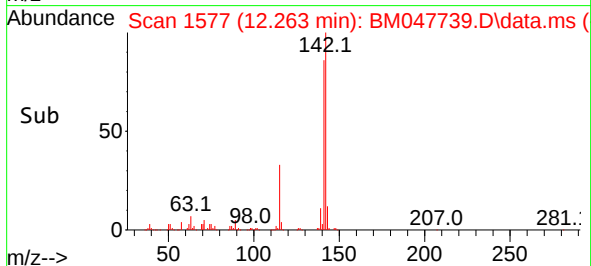
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:142 Resp: 17684
Ion Ratio Lower Upper
142 100
141 85.9 72.5 108.7

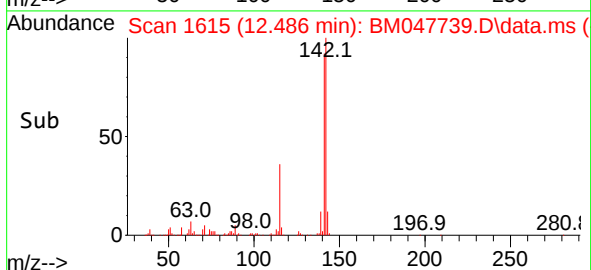
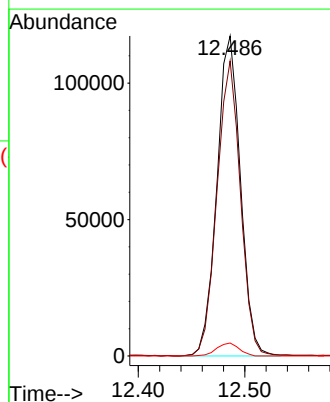
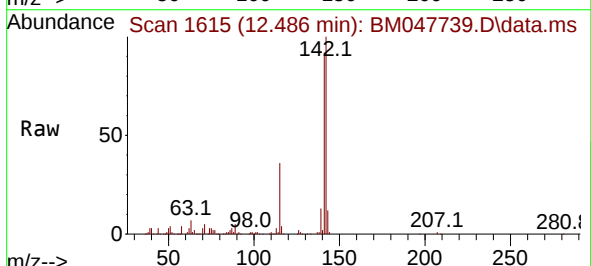
Manual Integrations
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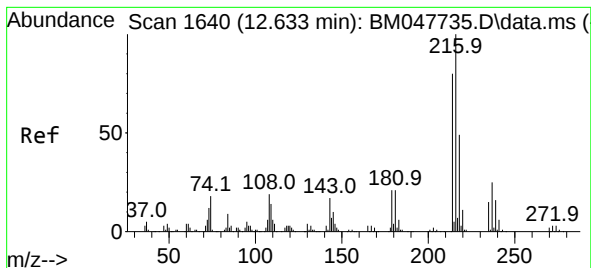
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#37
1-Methylnaphthalene
Concen: 4.283 ng/ul
RT: 12.486 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

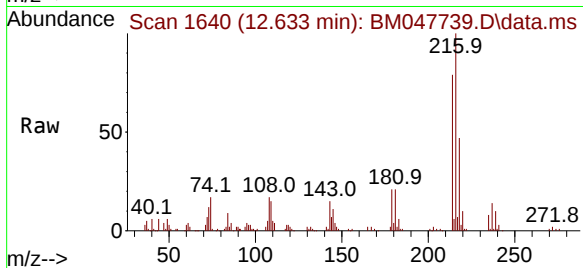
Tgt Ion:142 Resp: 179899
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 4.0 3.0 4.6





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.243 ng/ul
 RT: 12.633 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BM047739.D
 Acq: 01 Oct 2024 12:26

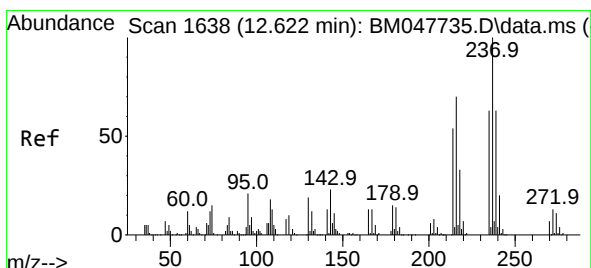
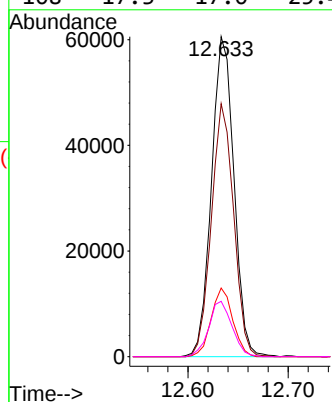
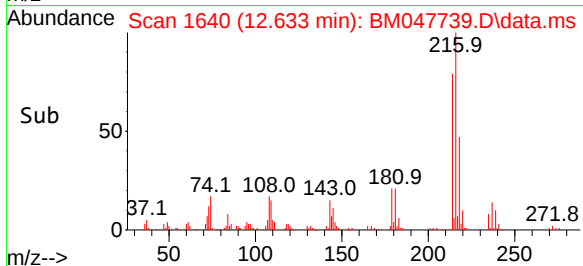
Instrument : BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06



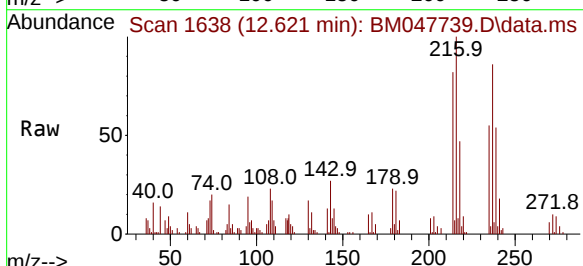
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.0	91.4
179	21.4	17.7	26.5
108	17.3	17.0	25.4

Manual Integrations
 APPROVED

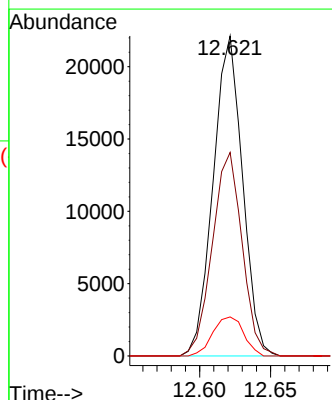
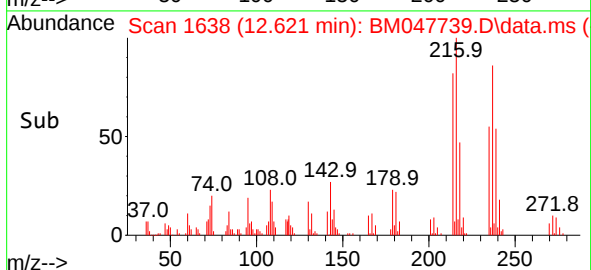
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

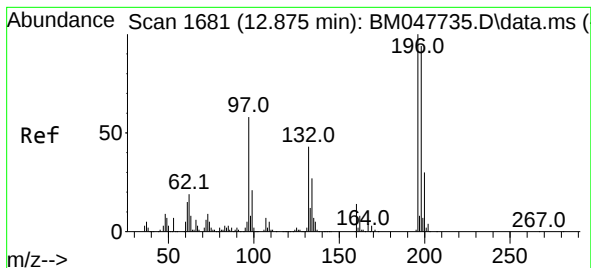


#40
 Hexachlorocyclopentadiene
 Concen: 2.368 ng/ul
 RT: 12.621 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BM047739.D
 Acq: 01 Oct 2024 12:26



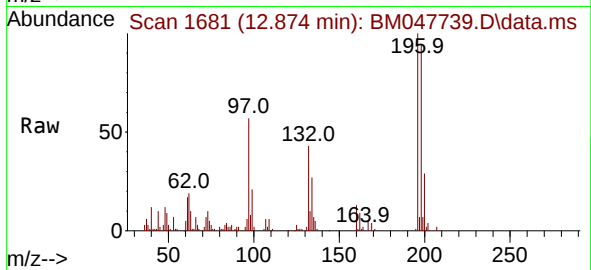
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	49.8	74.6
272	12.2	9.7	14.5





#41
2,4,6-Trichlorophenol
Concen: 4.317 ng/ul
RT: 12.874 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

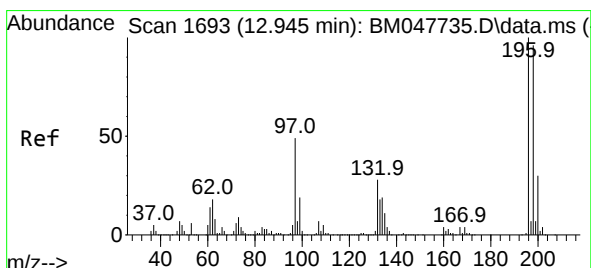
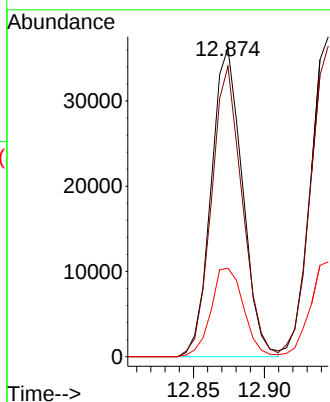
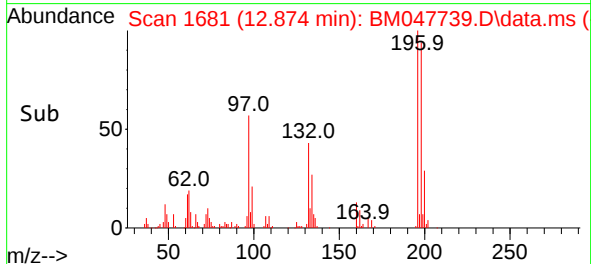
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:196 Resp: 55458
Ion Ratio Lower Upper
196 100
198 94.1 77.1 115.7
200 28.7 24.5 36.7

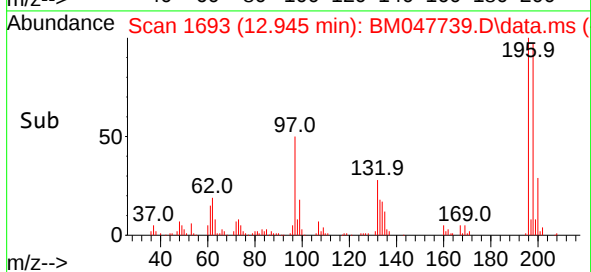
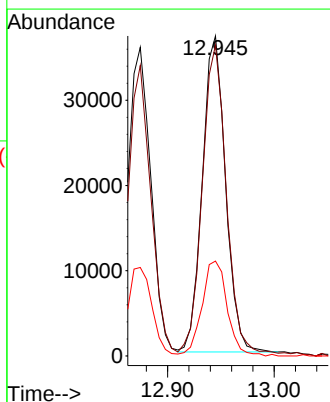
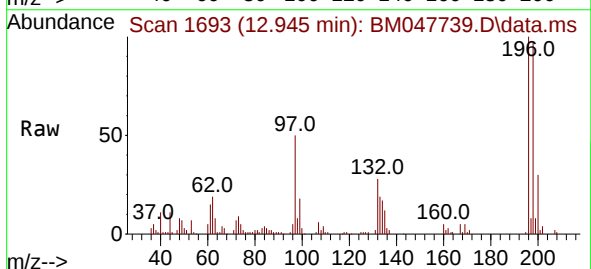
Manual Integrations
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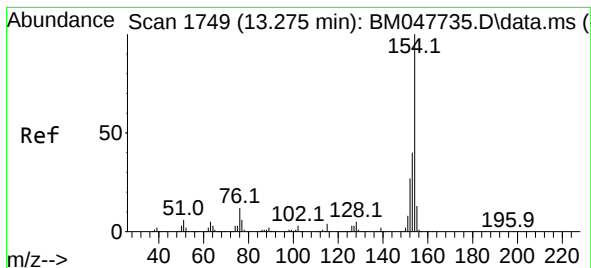
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#42
2,4,5-Trichlorophenol
Concen: 4.005 ng/ul
RT: 12.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

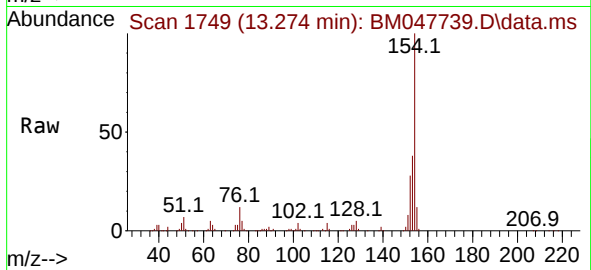
Tgt Ion:196 Resp: 56266
Ion Ratio Lower Upper
196 100
198 97.1 79.5 119.3
200 29.7 25.8 38.8





#43
1,1'-Biphenyl
Concen: 4.198 ng/ul
RT: 13.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

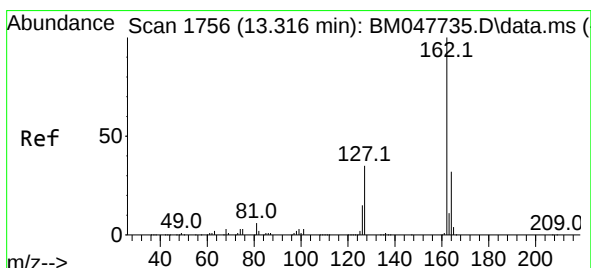
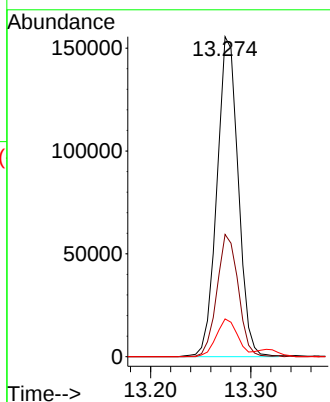
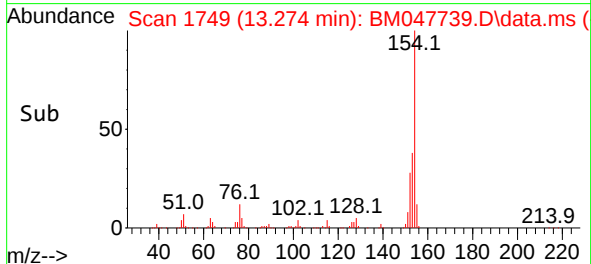
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2024-06



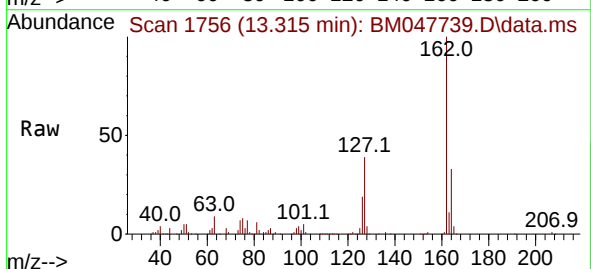
Tgt Ion:154 Resp: 229292
Ion Ratio Lower Upper
154 100
153 38.2 31.1 46.7
76 11.8 12.1 18.1

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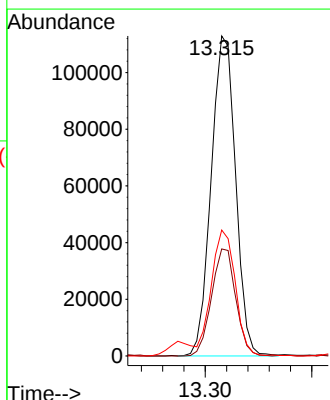
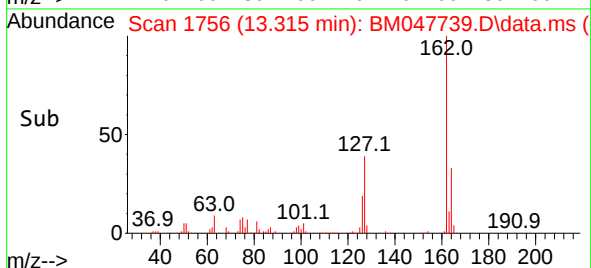
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

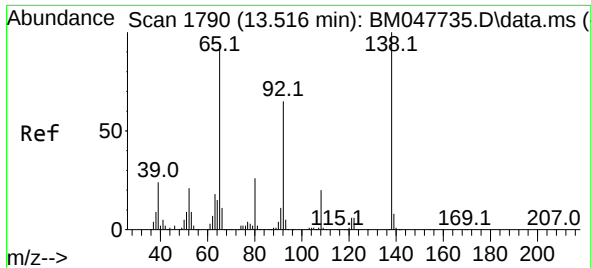


#44
2-Chloronaphthalene
Concen: 4.252 ng/ul
RT: 13.315 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26



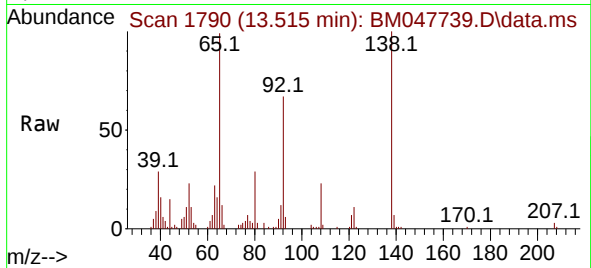
Tgt Ion:162 Resp: 179590
Ion Ratio Lower Upper
162 100
164 33.4 25.3 37.9
127 39.3 32.9 49.3





#45
2-Nitroaniline
Concen: 3.042 ng/ul
RT: 13.515 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

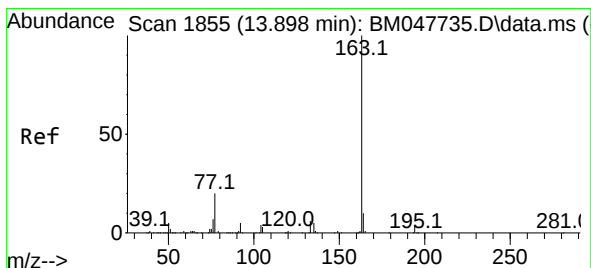
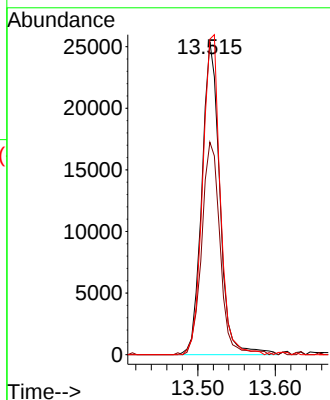
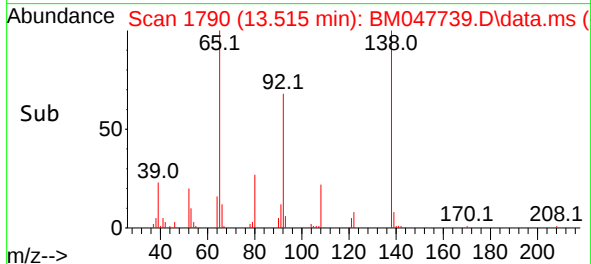
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion: 65 Resp: 40788
Ion Ratio Lower Upper
65 100
92 67.9 49.1 73.7
138 100.8 67.6 101.4

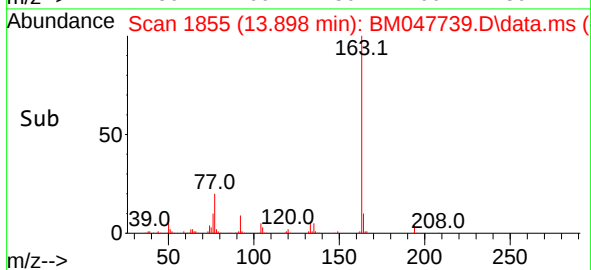
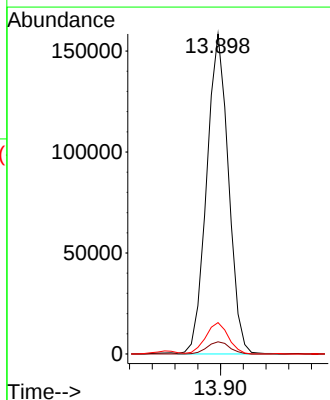
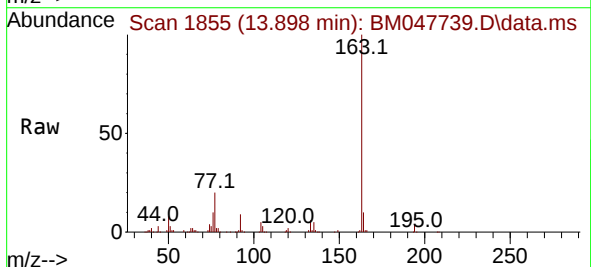
Manual Integrations
APPROVED

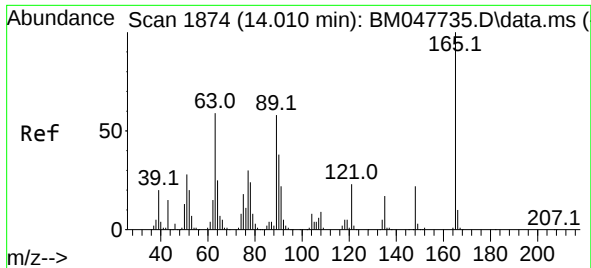
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#47
Dimethylphthalate
Concen: 4.211 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:163 Resp: 210905
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 7.8 11.6





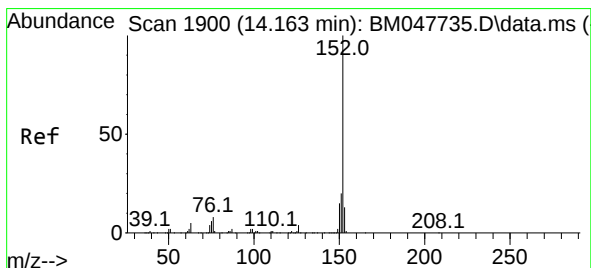
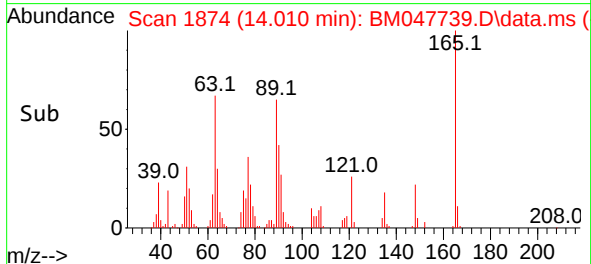
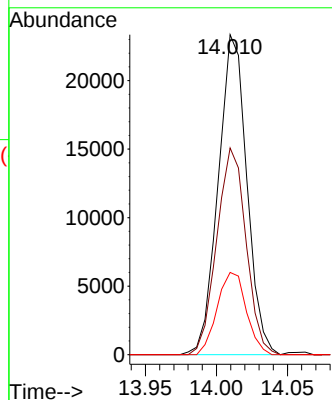
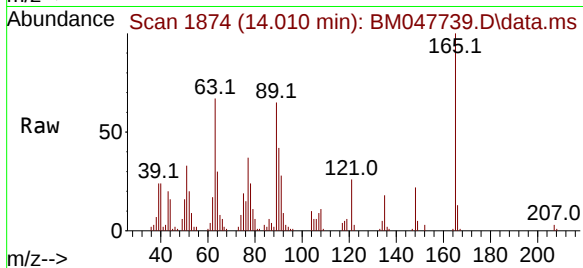
#48
2,6-Dinitrotoluene
Concen: 3.718 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

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

Tgt Ion:165 Resp: 32699
Ion Ratio Lower Upper
165 100
89 64.6 58.5 87.7
121 25.7 20.2 30.2

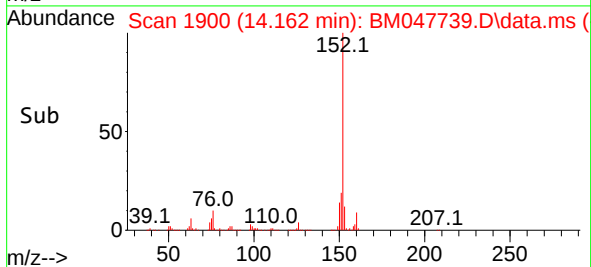
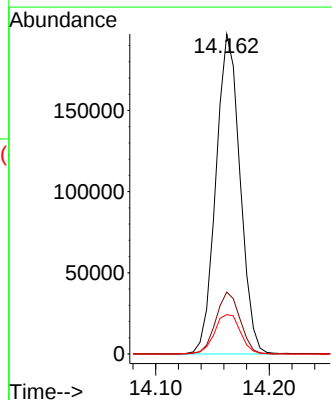
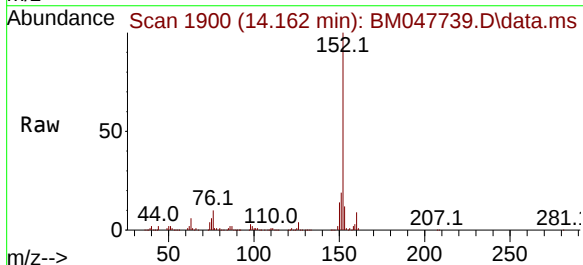
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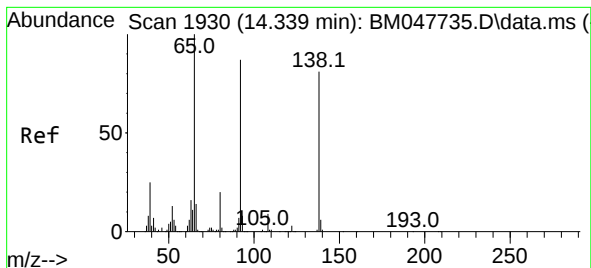
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#50
Acenaphthylene
Concen: 4.401 ng/ul
RT: 14.162 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

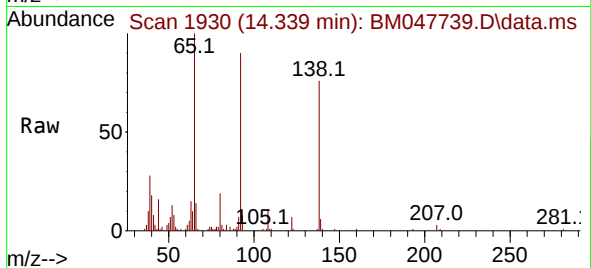
Tgt Ion:152 Resp: 291020
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 12.3 10.7 16.1





#51
3-Nitroaniline
Concen: 3.141 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

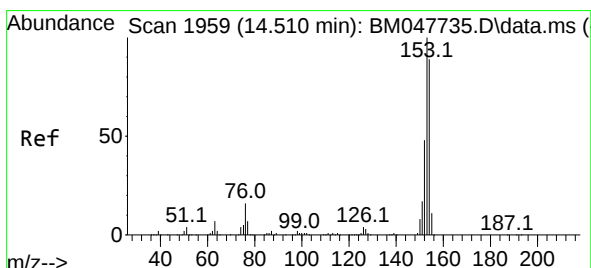
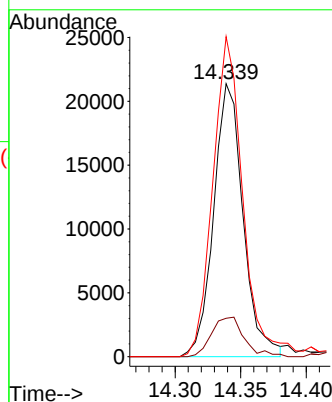
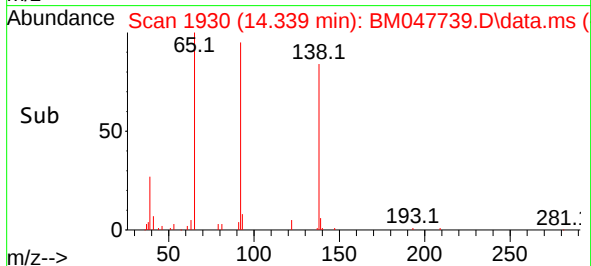
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:138 Resp: 33430
Ion Ratio Lower Upper
138 100
108 14.1 9.0 13.6
92 117.2 101.5 152.3

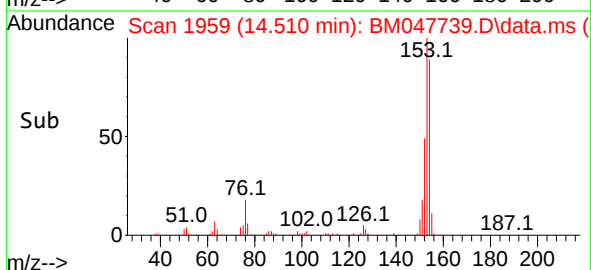
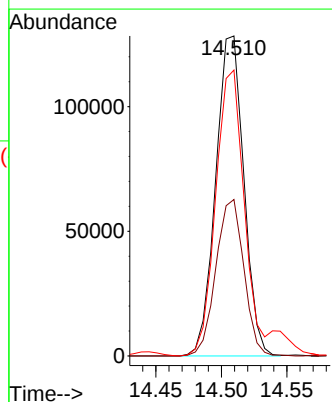
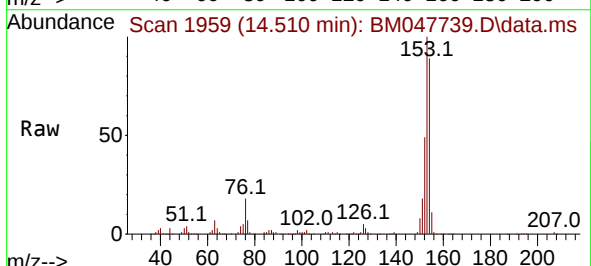
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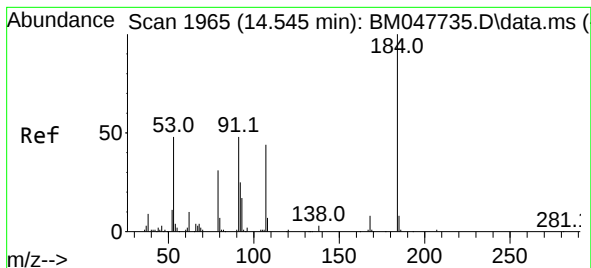
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#52
Acenaphthene
Concen: 4.102 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

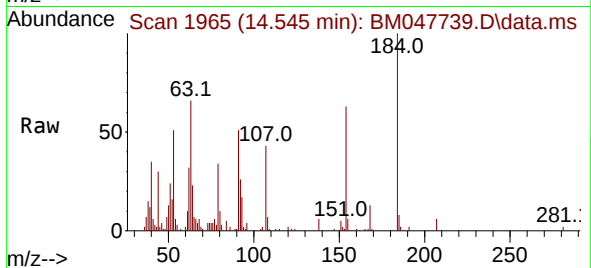
Tgt Ion:153 Resp: 191756
Ion Ratio Lower Upper
153 100
152 48.9 39.7 59.5
154 89.3 72.6 108.8





#53
2,4-Dinitrophenol
Concen: 4.176 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

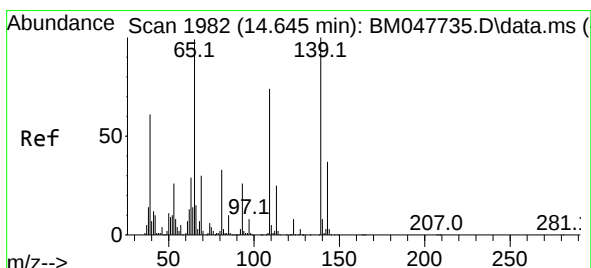
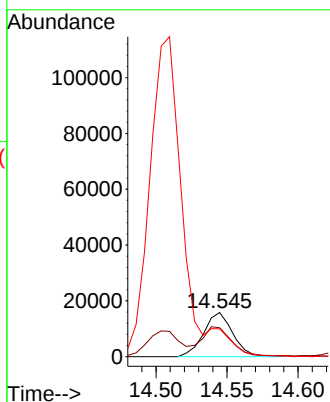
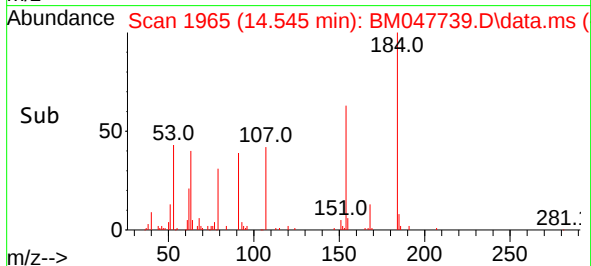
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



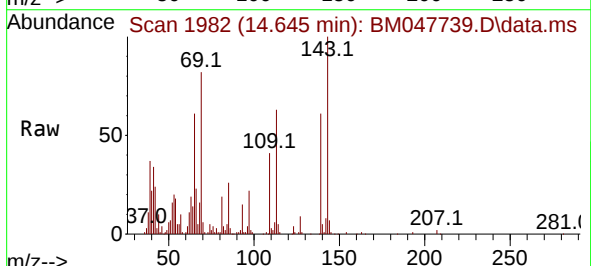
Tgt Ion:184 Resp: 22698
Ion Ratio Lower Upper
184 100
63 65.5 77.5 116.3
154 62.9 55.8 83.6

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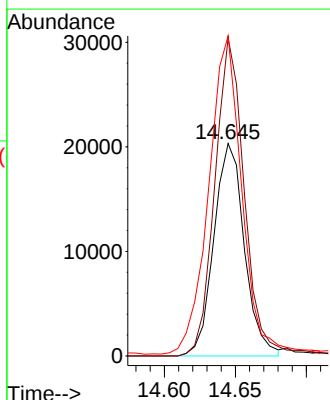
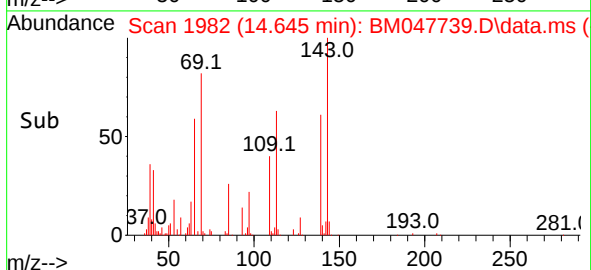
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

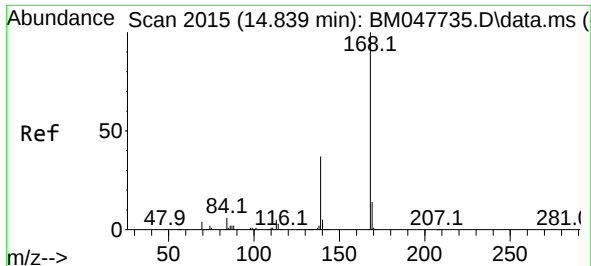


#55
4-Nitrophenol
Concen: 3.671 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26



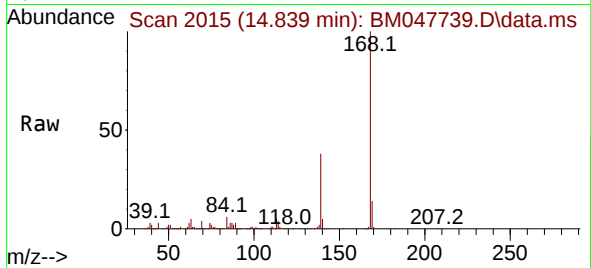
Tgt Ion:109 Resp: 30348
Ion Ratio Lower Upper
109 100
139 149.8 105.7 158.5
65 150.6 123.1 184.7





#56
Dibenzenofuran
Concen: 4.167 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

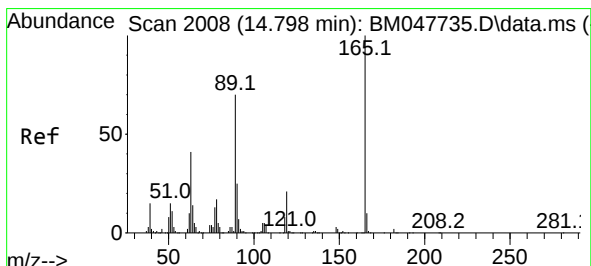
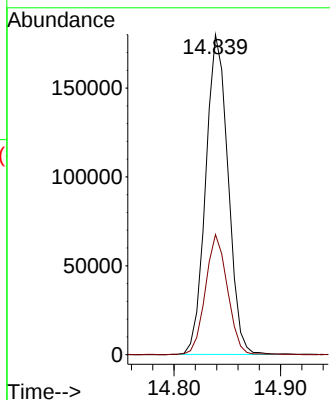
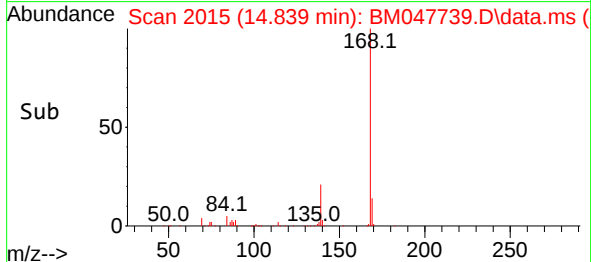
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



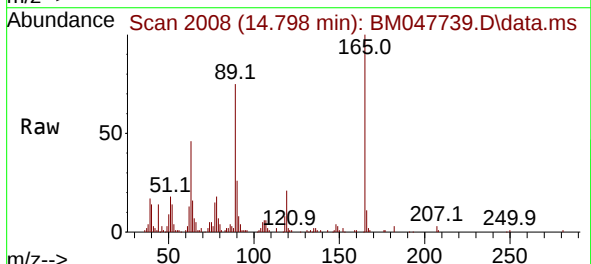
Tgt Ion:168 Resp: 262225
Ion Ratio Lower Upper
168 100
139 37.5 31.0 46.6

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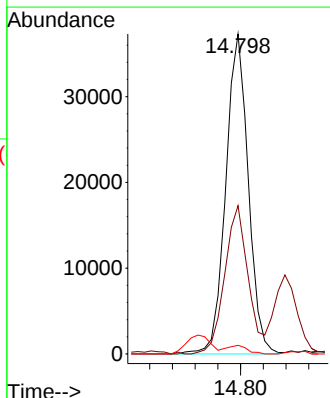
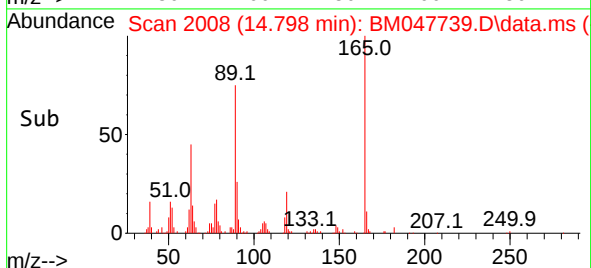
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

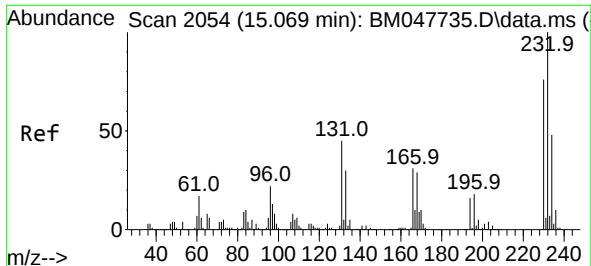


#57
2,4-Dinitrotoluene
Concen: 3.884 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26



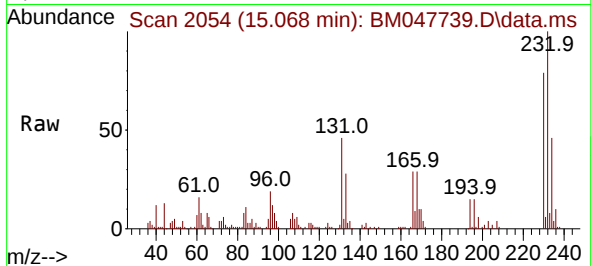
Tgt Ion:165 Resp: 51306
Ion Ratio Lower Upper
165 100
63 46.3 45.8 68.6
182 2.7 1.7 2.5#





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.489 ng/ul
RT: 15.068 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

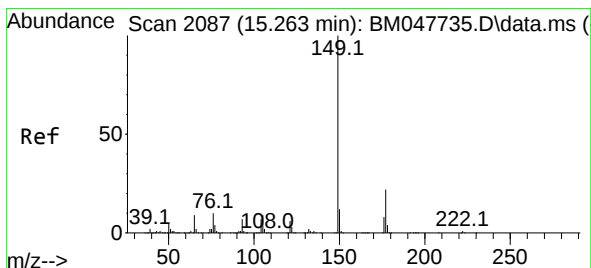
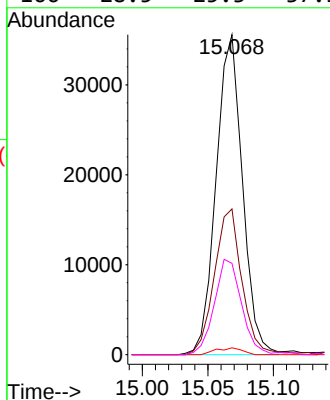
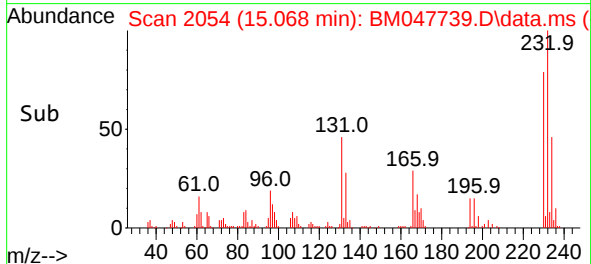
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2024-06



Tgt Ion:232 Resp: 49710
Ion Ratio Lower Upper
232 100
131 45.6 40.2 60.4
130 2.2 2.6 4.0
166 28.5 25.3 37.9

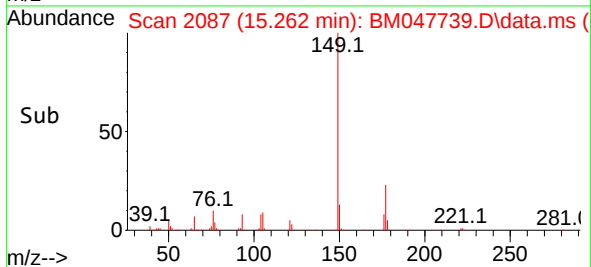
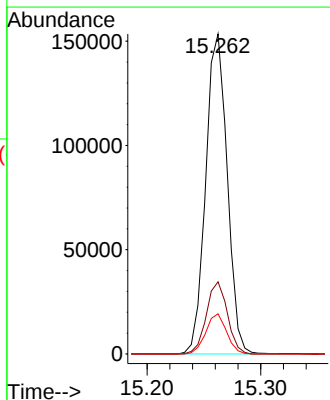
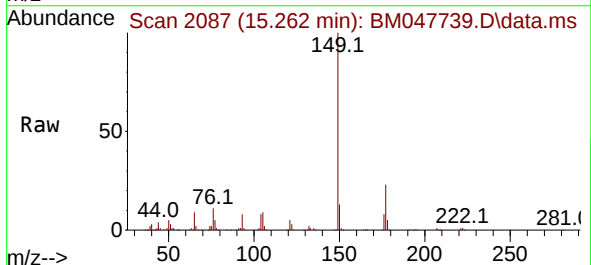
Manual Integrations
APPROVED

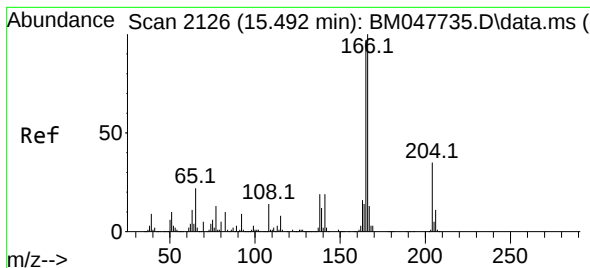
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#59
Diethylphthalate
Concen: 4.023 ng/ul
RT: 15.262 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:149 Resp: 201611
Ion Ratio Lower Upper
149 100
177 22.6 16.9 25.3
150 12.6 9.2 13.8





#61

Fluorene

Concen: 4.095 ng/ul

RT: 15.492 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047739.D

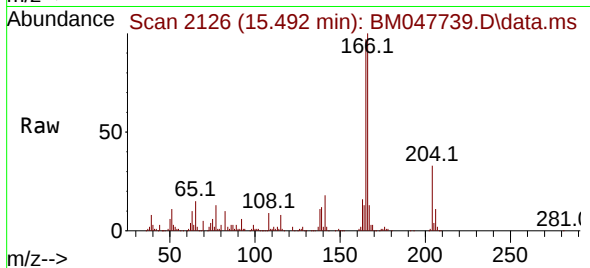
Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06



Tgt Ion:166 Resp: 21498

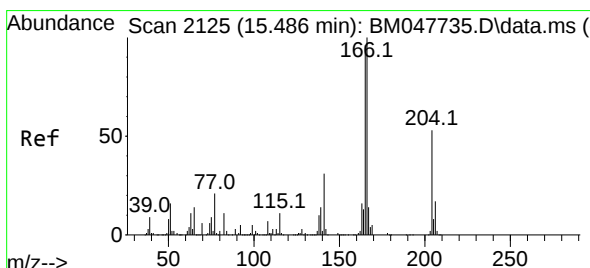
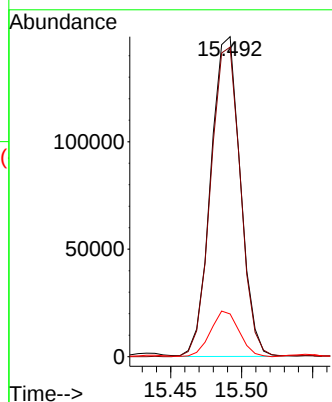
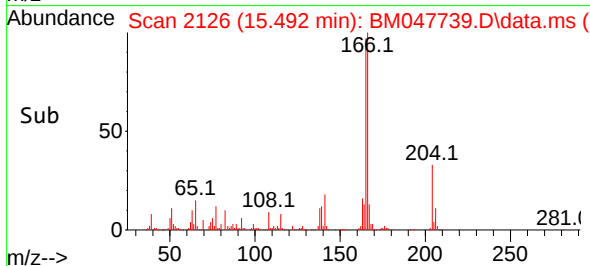
Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.6
167	13.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#62

4-Chlorophenyl-phenylether

Concen: 4.217 ng/ul

RT: 15.486 min Scan# 2125

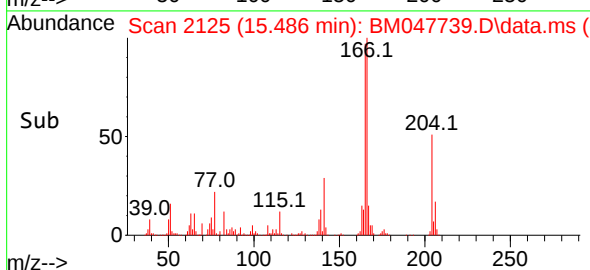
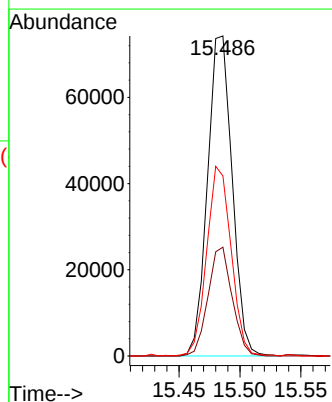
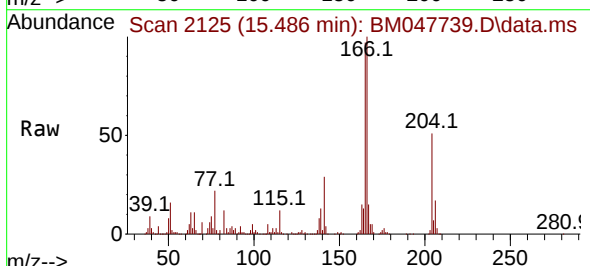
Delta R.T. -0.006 min

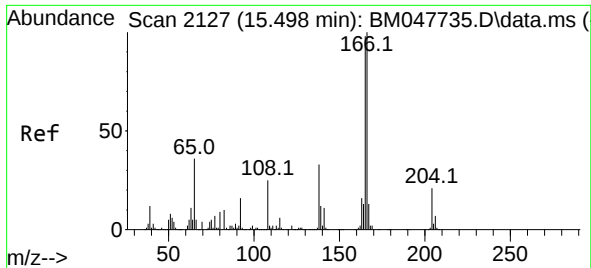
Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Tgt Ion:204 Resp: 104610

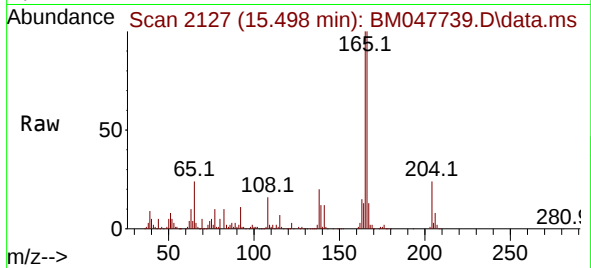
Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.4
141	56.3	49.2	73.8





#63
4-Nitroaniline
Concen: 3.269 ng/ul m
RT: 15.498 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

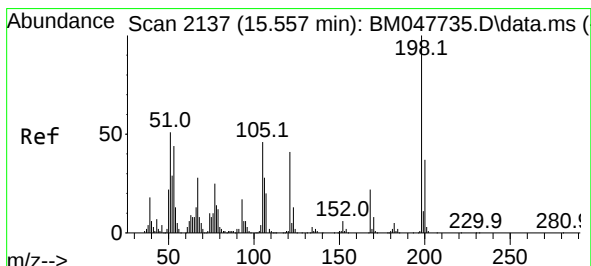
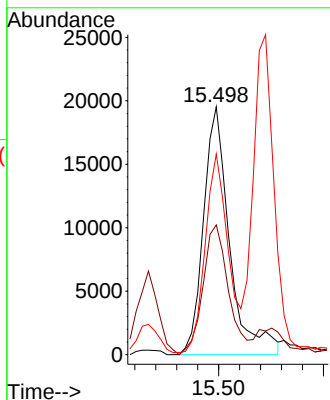
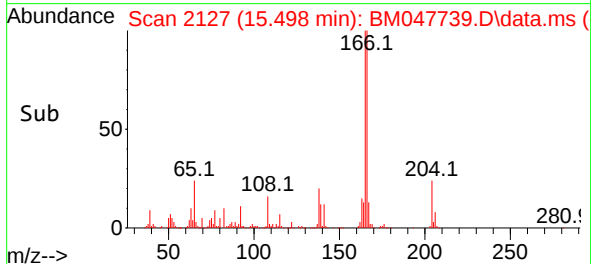
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



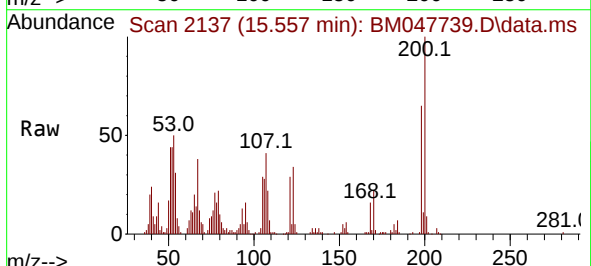
Tgt Ion:138 Resp: 33799
Ion Ratio Lower Upper
138 100
92 52.3 44.9 67.3
108 81.0 62.4 93.6

Manual Integrations
APPROVED

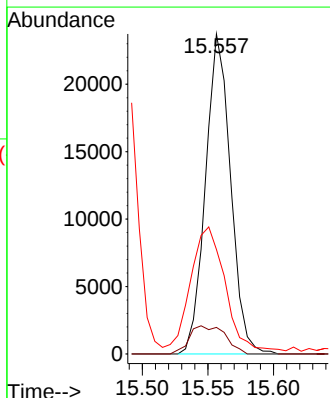
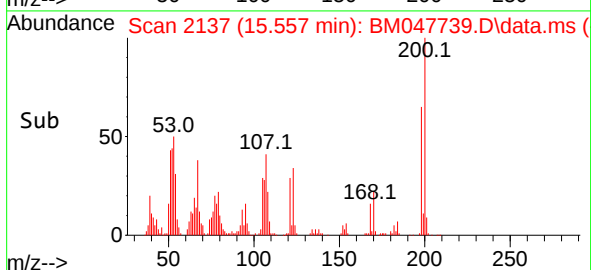
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

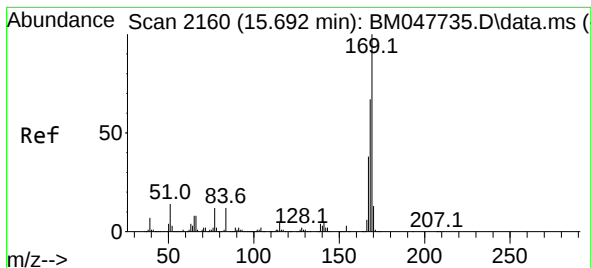


#66
4,6-Dinitro-2-methylphenol
Concen: 3.549 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26



Tgt Ion:198 Resp: 31594
Ion Ratio Lower Upper
198 100
182 8.3 5.1 7.7#
77 32.6 26.2 39.2





#67

N-Nitrosodiphenylamine

Concen: 3.883 ng/ul

RT: 15.692 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BM047739.D

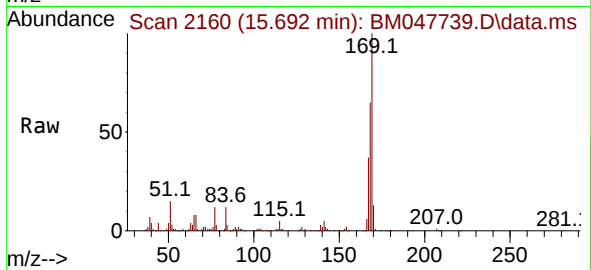
Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06



Tgt Ion:169 Resp: 166128

Ion Ratio Lower Upper

169 100

168 64.7 53.5 80.3

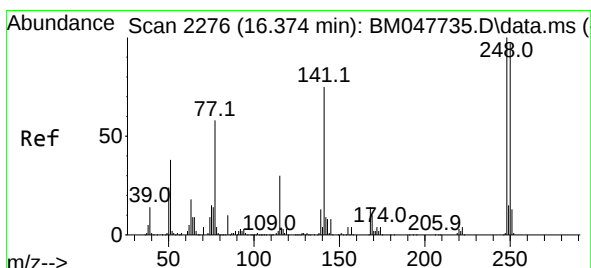
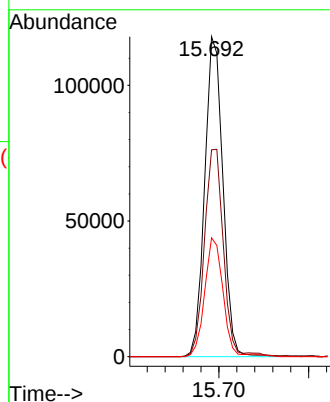
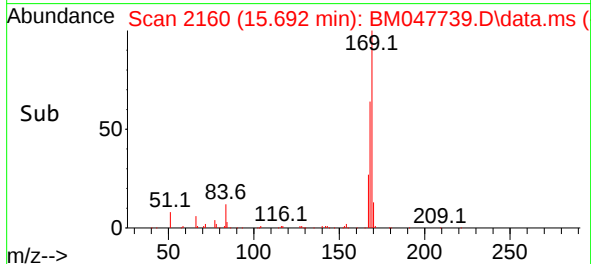
167 37.1 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#68

4-Bromophenyl-phenylether

Concen: 4.329 ng/ul

RT: 16.374 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

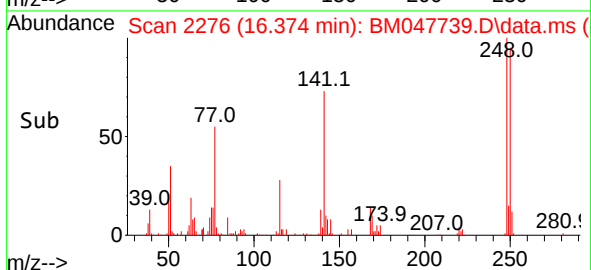
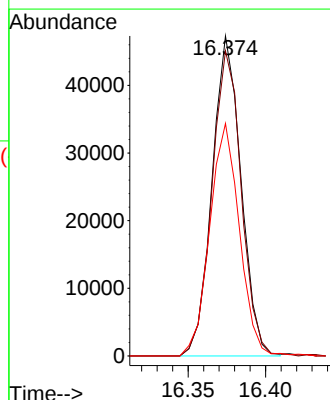
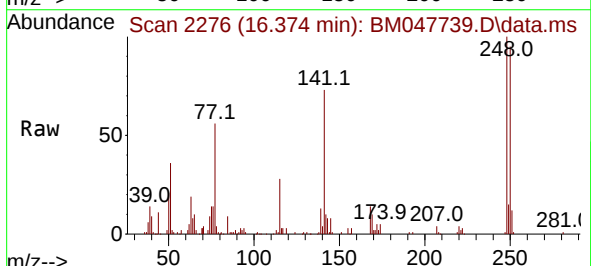
Tgt Ion:248 Resp: 61265

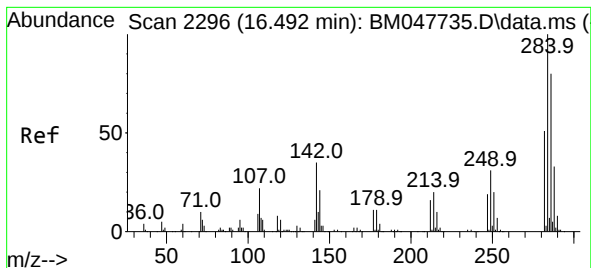
Ion Ratio Lower Upper

248 100

250 95.3 76.5 114.7

141 72.7 60.8 91.2





#69

Hexachlorobenzene

Concen: 4.369 ng/ul

RT: 16.492 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

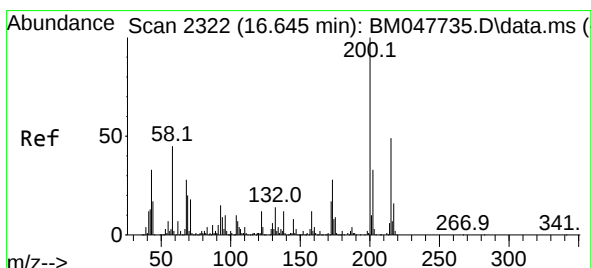
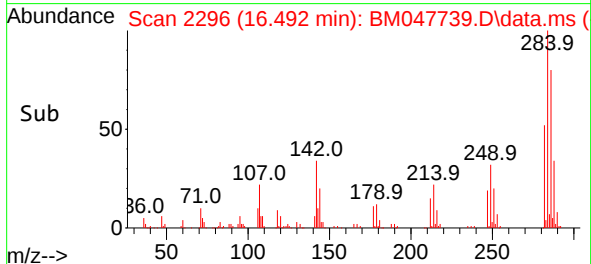
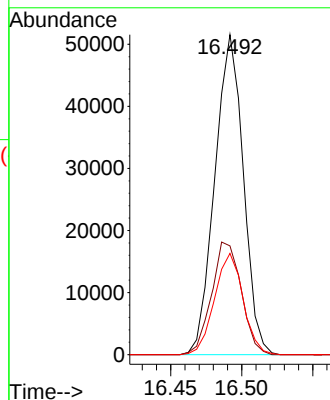
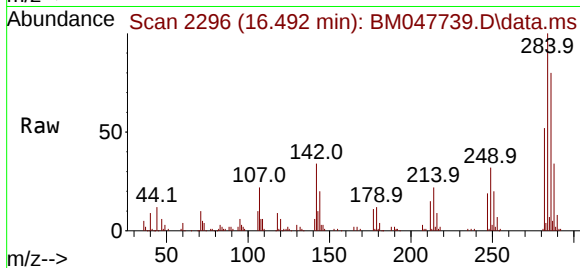
Tgt Ion:284	Resp:	7195
Ion Ratio	Lower	Upper
284	100	
142	34.0	32.4 48.6
249	31.7	26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#70

Atrazine

Concen: 4.055 ng/ul

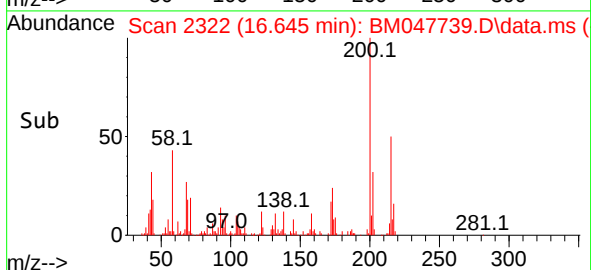
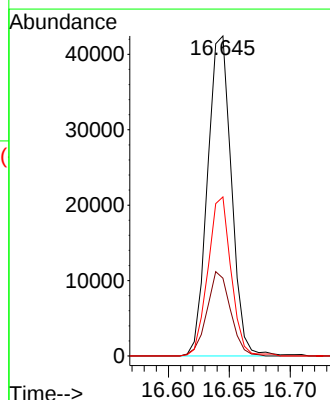
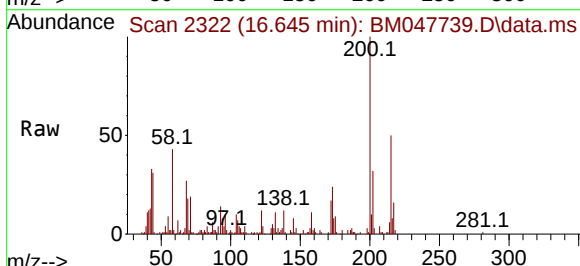
RT: 16.645 min Scan# 2322

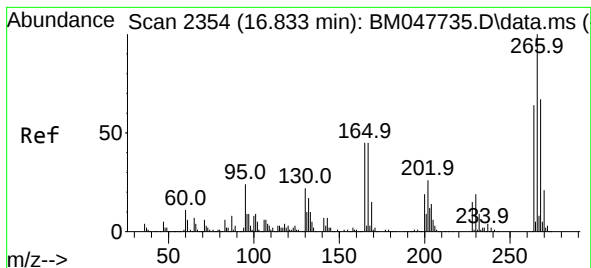
Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

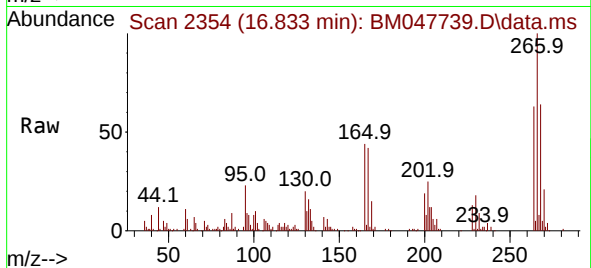
Tgt Ion:200	Resp:	57756
Ion Ratio	Lower	Upper
200	100	
173	24.3	20.2 30.2
215	49.7	39.4 59.2





#71
Pentachlorophenol
Concen: 6.582 ng/ul
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

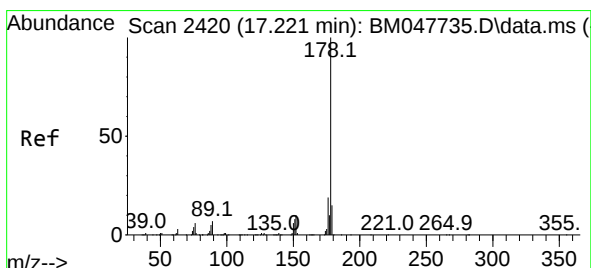
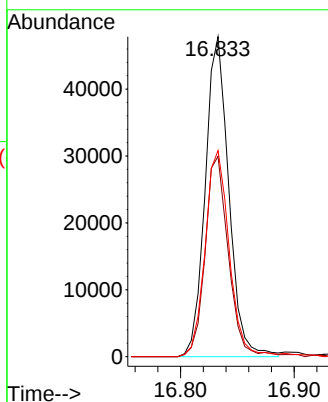
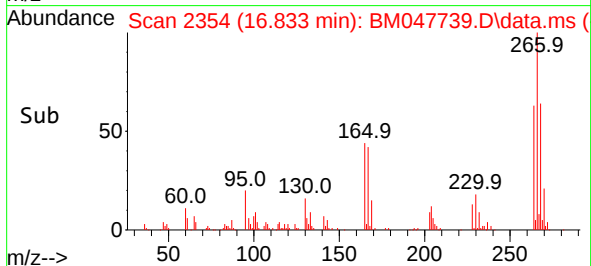
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:266 Resp: 68928
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 64.4 50.9 76.3

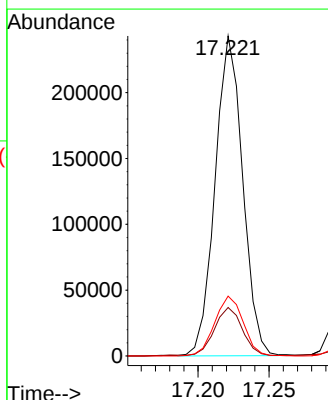
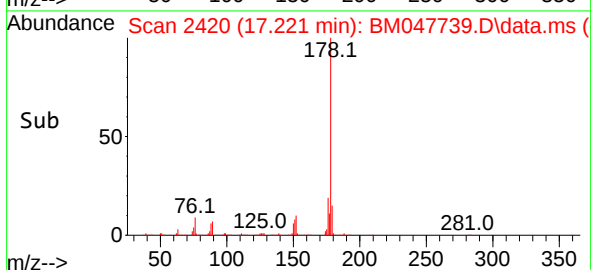
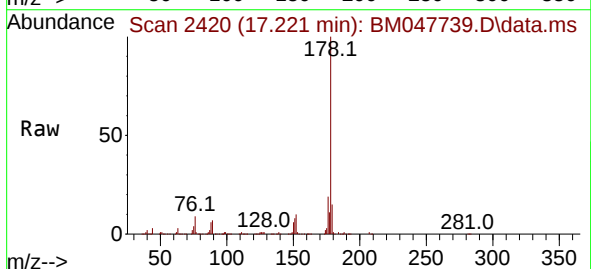
Manual Integrations
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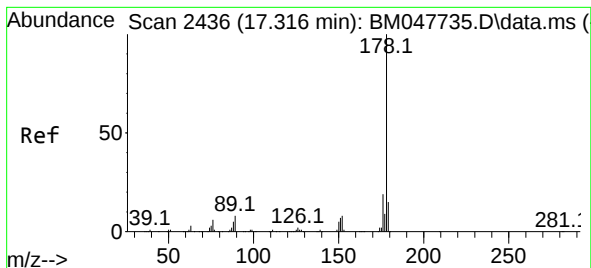
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#72
Phenanthrene
Concen: 4.074 ng/ul
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:178 Resp: 328010
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 18.7 15.4 23.0





#74

Anthracene

Concen: 3.406 ng/uI

RT: 17.309 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

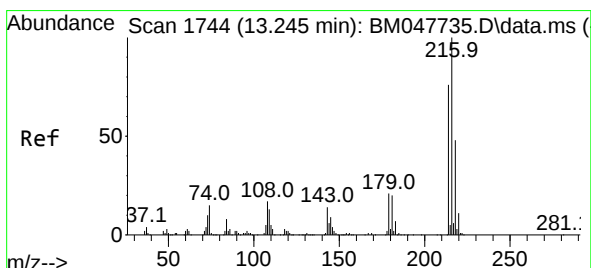
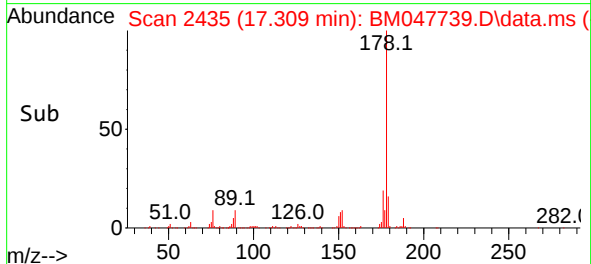
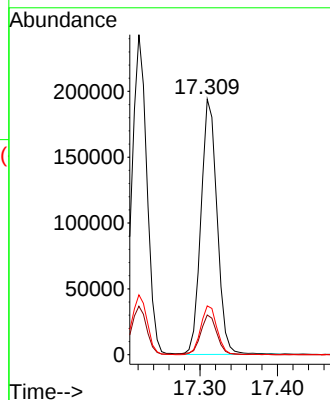
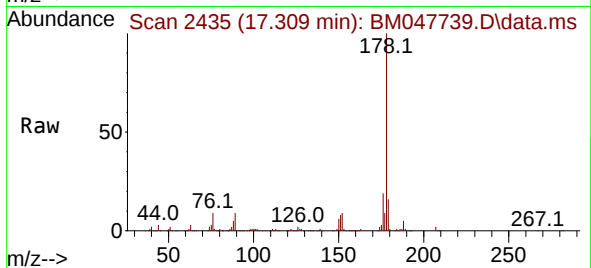
Tgt Ion:178	Resp: 279699
Ion Ratio	Lower Upper
178	100
179	15.5 12.4 18.6
176	19.1 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.912 ng/uI

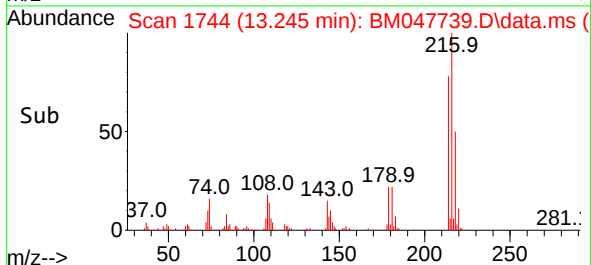
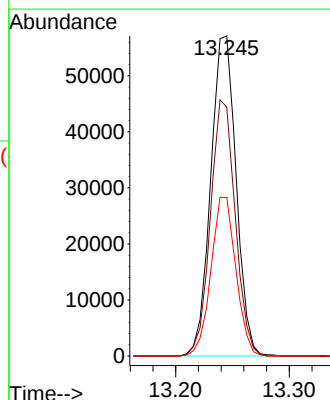
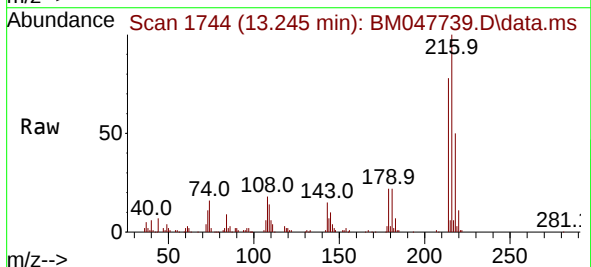
RT: 13.245 min Scan# 1744

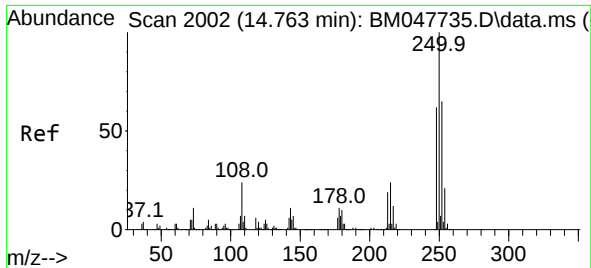
Delta R.T. -0.000 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

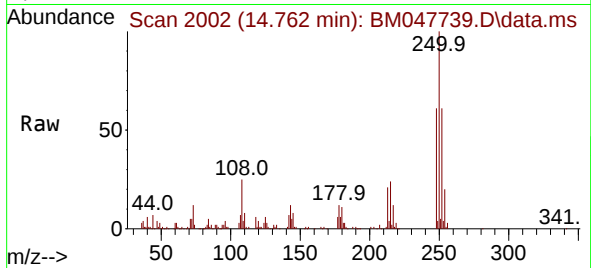
Tgt Ion:216	Resp: 88924
Ion Ratio	Lower Upper
216	100
214	77.8 63.0 94.4
218	49.5 37.6 56.4





#76
Pentachlorobenzene
Concen: 4.275 ng/uL
RT: 14.762 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

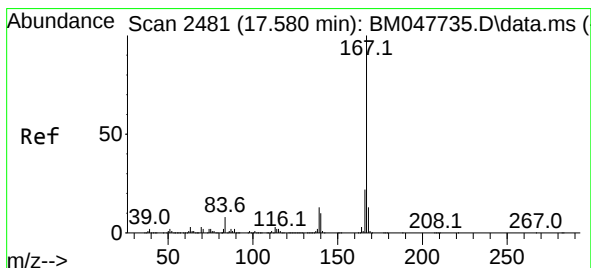
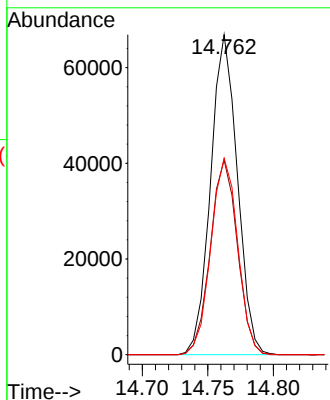
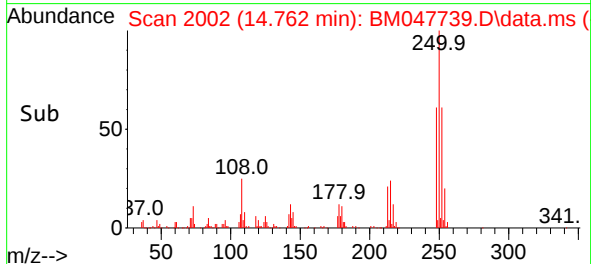
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



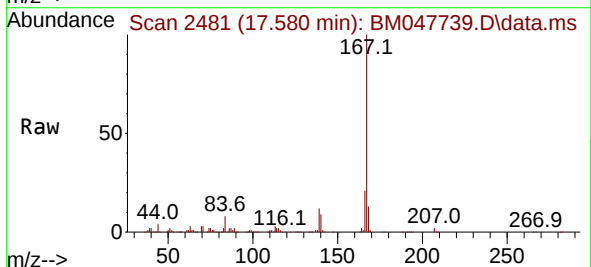
Tgt Ion:250 Resp: 94870
Ion Ratio Lower Upper
250 100
248 60.8 50.2 75.2
252 61.4 49.4 74.0

Manual Integrations
APPROVED

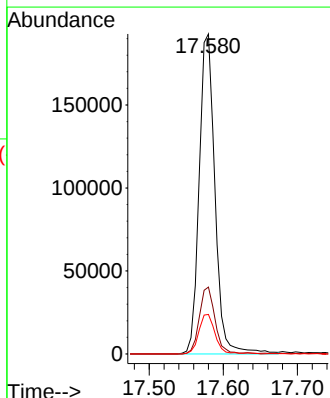
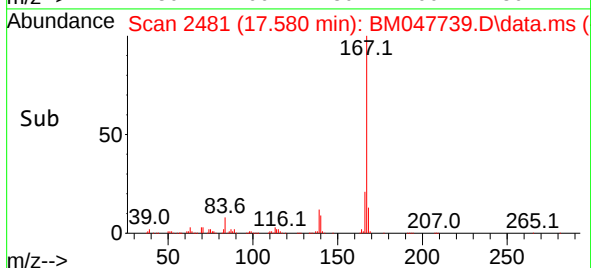
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

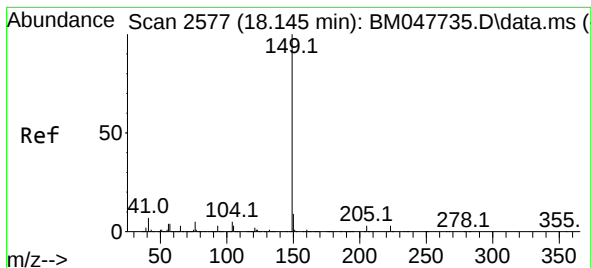


#77
Carbazole
Concen: 3.841 ng/uL
RT: 17.580 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26



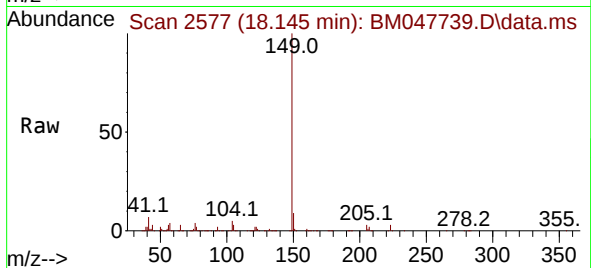
Tgt Ion:167 Resp: 285951
Ion Ratio Lower Upper
167 100
166 20.9 17.4 26.0
139 12.4 10.9 16.3





#78
Di-n-butylphthalate
Concen: 3.952 ng/ul
RT: 18.145 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

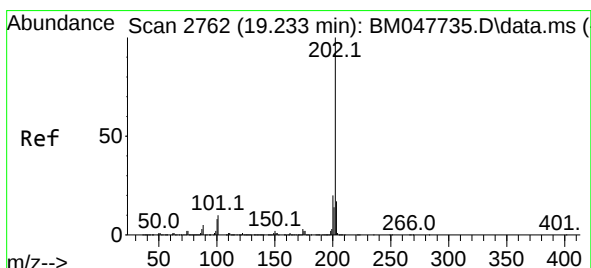
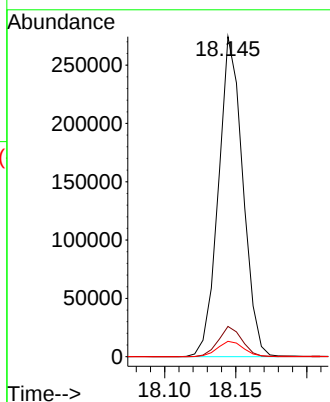
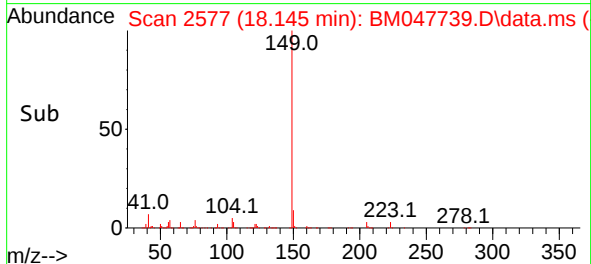
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:149 Resp: 327480
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.8 4.6 7.0

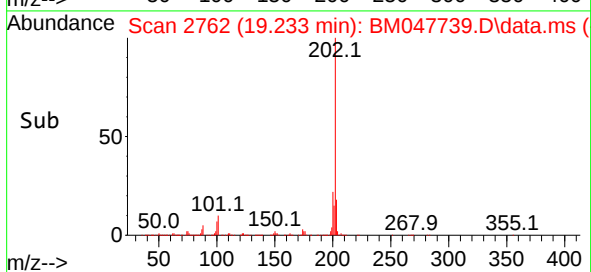
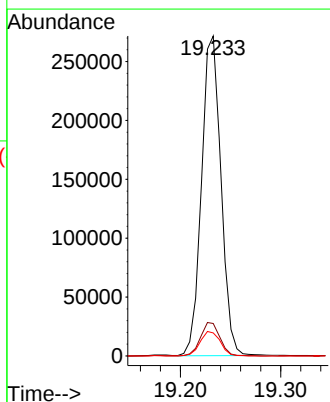
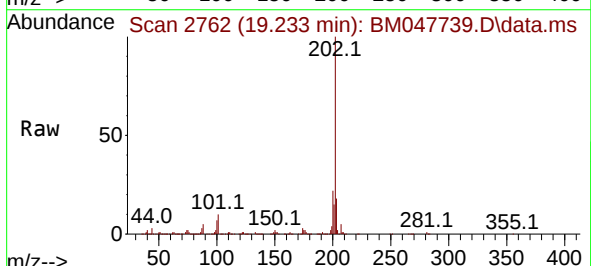
Manual Integrations
APPROVED

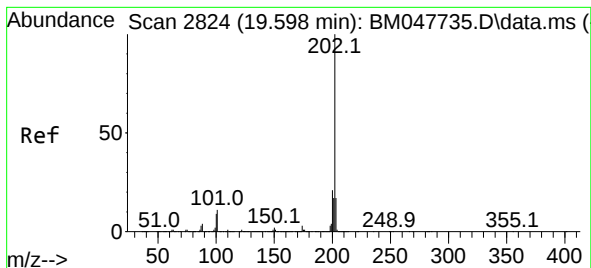
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#80
Fluoranthene
Concen: 4.288 ng/ul
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:202 Resp: 367147
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.2 6.8 10.2





#82

Pyrene

Concen: 4.184 ng/ul

RT: 19.592 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

Tgt Ion:202 Resp: 398708

Ion Ratio Lower Upper

202 100

101 12.3 10.9 16.3

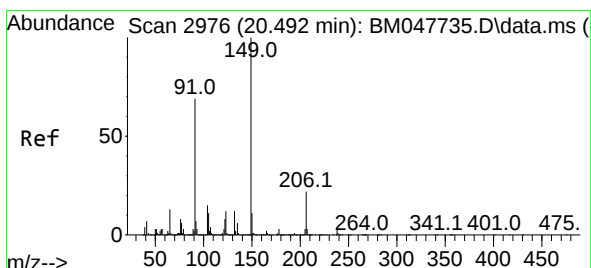
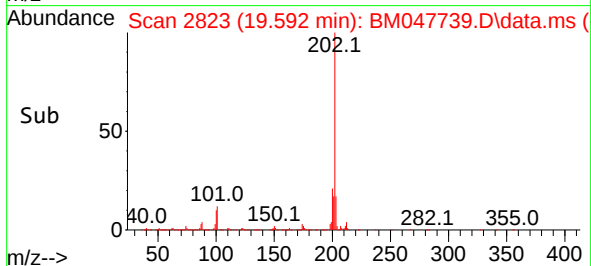
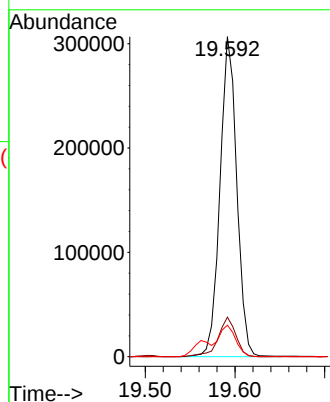
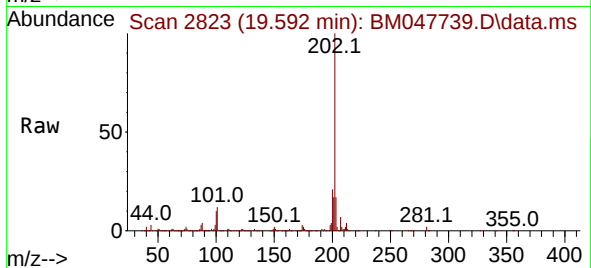
100 9.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#83

Butylbenzylphthalate

Concen: 4.090 ng/ul

RT: 20.491 min Scan# 2976

Delta R.T. -0.000 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

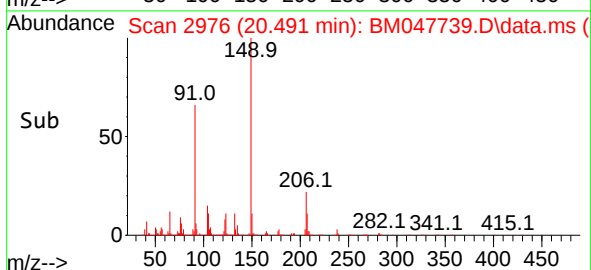
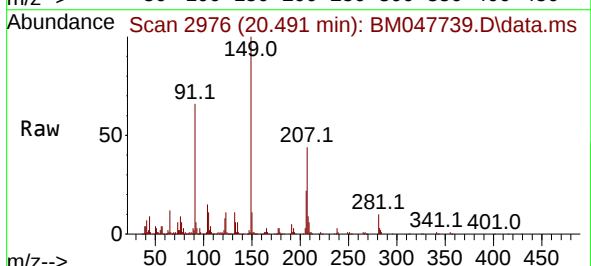
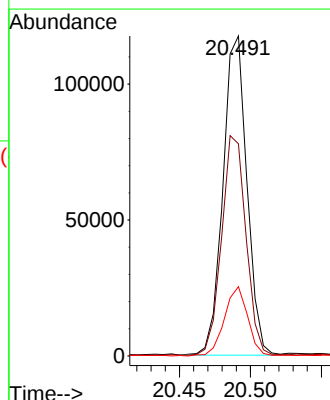
Tgt Ion:149 Resp: 137764

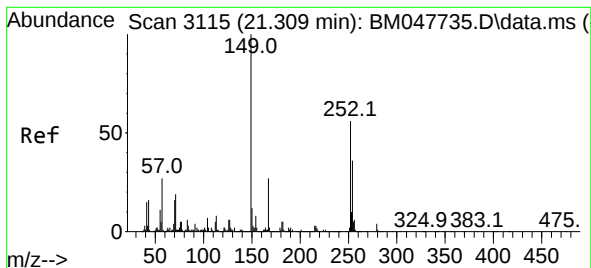
Ion Ratio Lower Upper

149 100

91 66.3 66.9 100.3#

206 21.6 14.4 21.6#





#84

3,3'-Dichlorobenzidine

Concen: 3.485 ng/ul

RT: 21.309 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

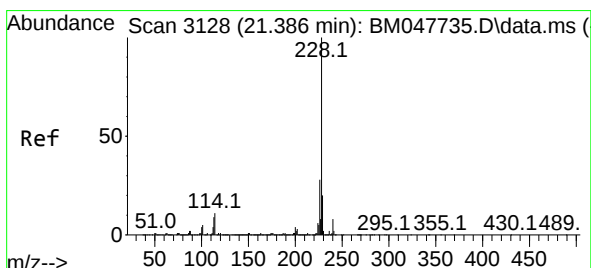
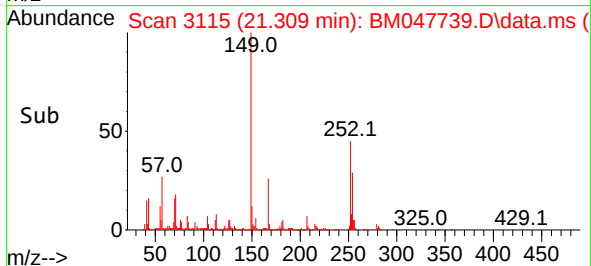
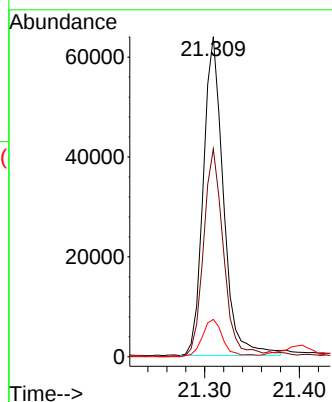
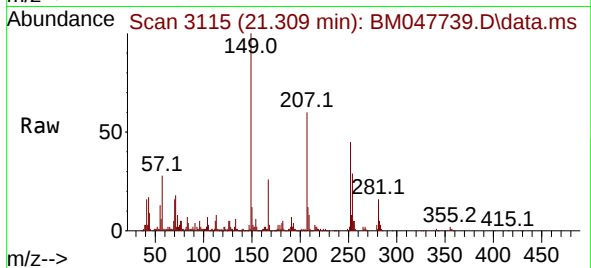
Tgt Ion:	252	Resp:	9430
Ion Ratio	Lower	Upper	
252	100		
254	65.0	51.5	77.3
126	11.6	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#85

Benzo(a)anthracene

Concen: 4.172 ng/ul

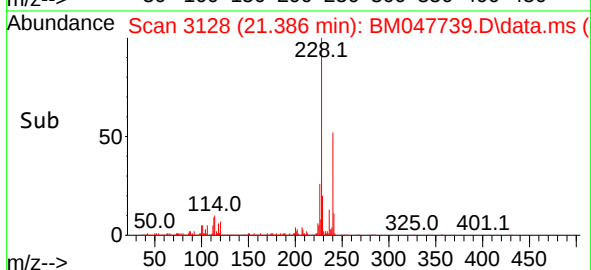
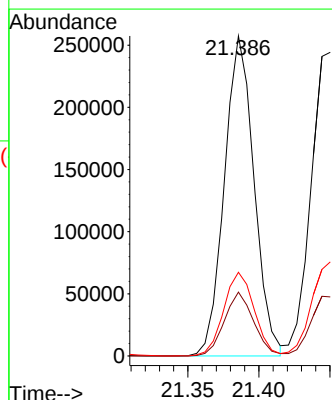
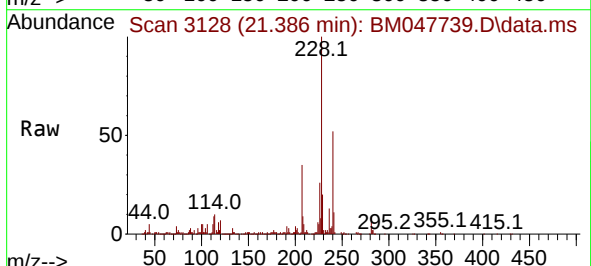
RT: 21.386 min Scan# 3128

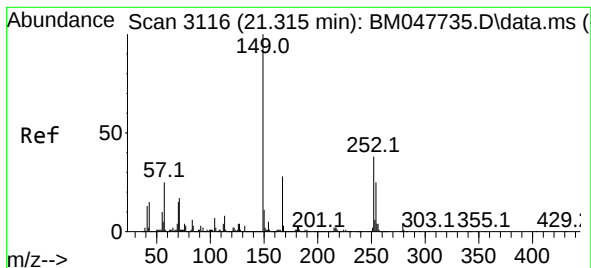
Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

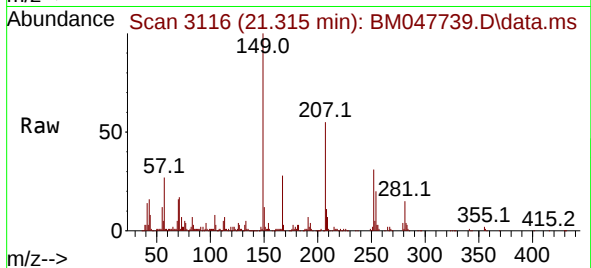
Tgt Ion:	228	Resp:	374145
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.6	23.4
226	26.1	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.020 ng/ul
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

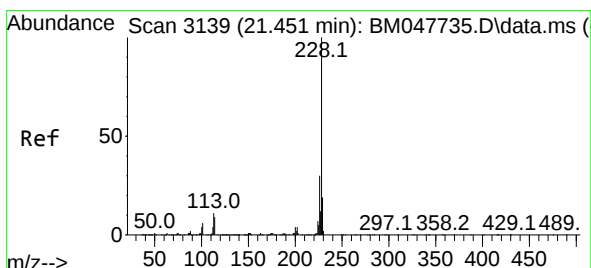
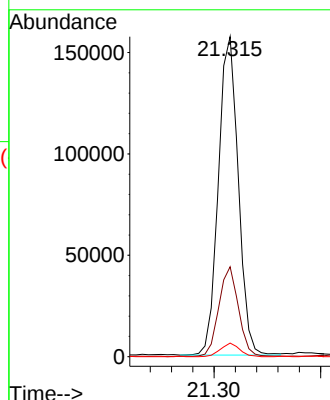
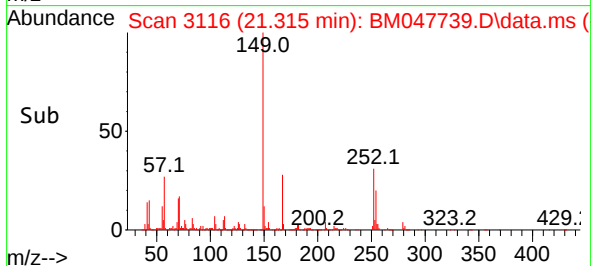
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06



Tgt Ion:149 Resp: 203318
Ion Ratio Lower Upper
149 100
167 28.1 21.3 31.9
279 4.3 2.7 4.1

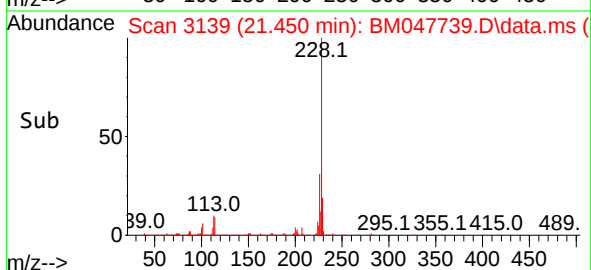
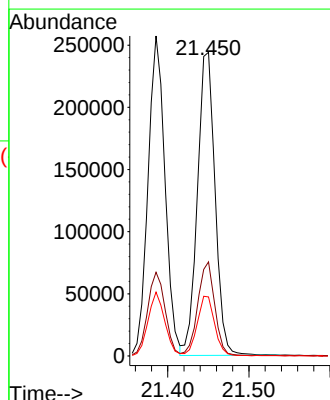
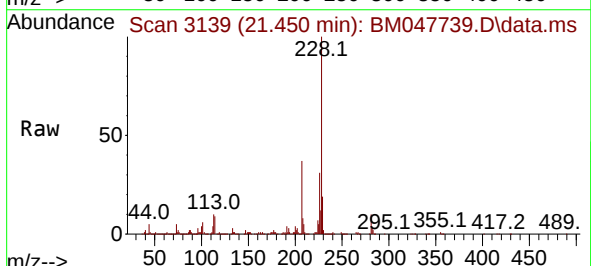
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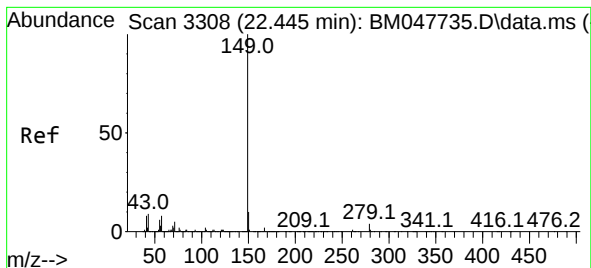
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#87
Chrysene
Concen: 4.222 ng/ul
RT: 21.450 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

Tgt Ion:228 Resp: 369130
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 19.4 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 3.773 ng/ul

RT: 22.444 min Scan# 3308

Delta R.T. -0.012 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

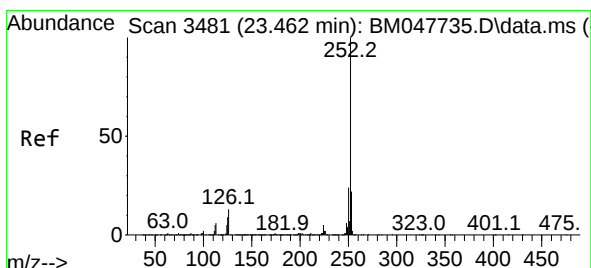
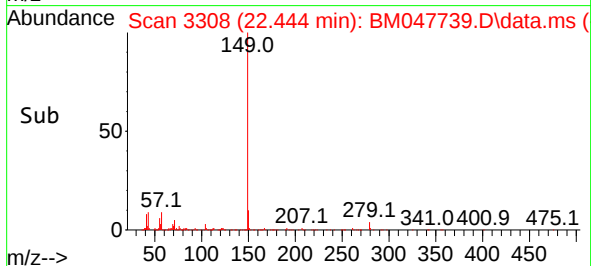
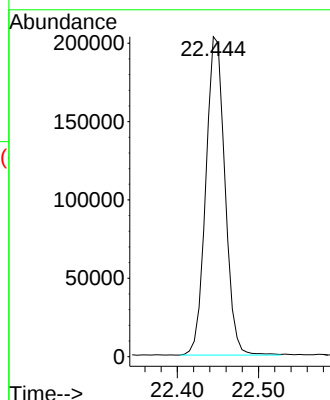
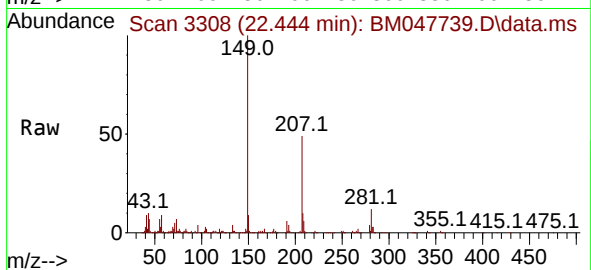
MDL-MED-SOIL-QT3-2024-06

Tgt Ion:149 Resp: 33168

Manual Integrations
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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#90

Benzo(b)fluoranthene

Concen: 4.354 ng/ul

RT: 23.456 min Scan# 3480

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

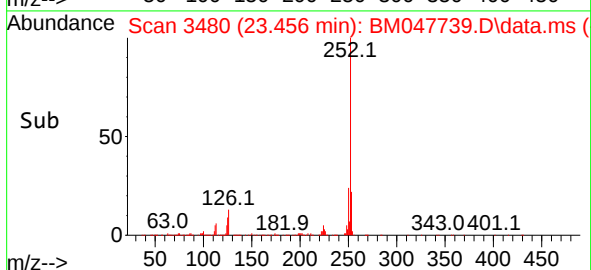
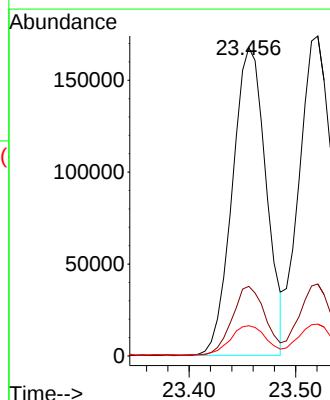
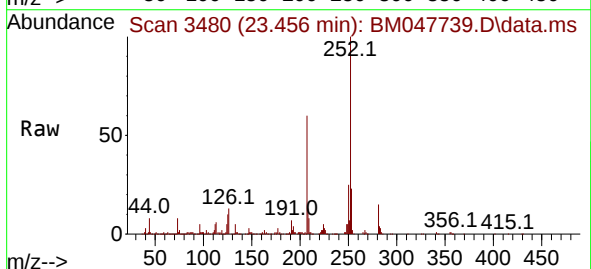
Tgt Ion:252 Resp: 370098

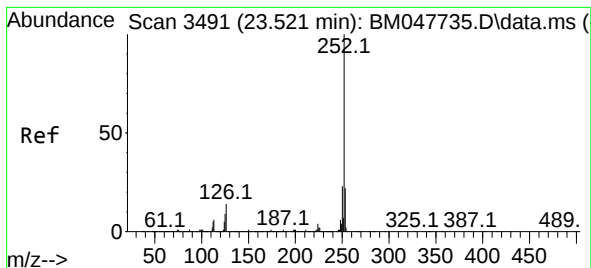
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 9.8 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 4.456 ng/ul

RT: 23.521 min Scan# 3491

Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

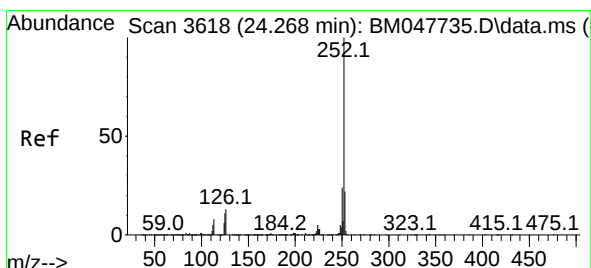
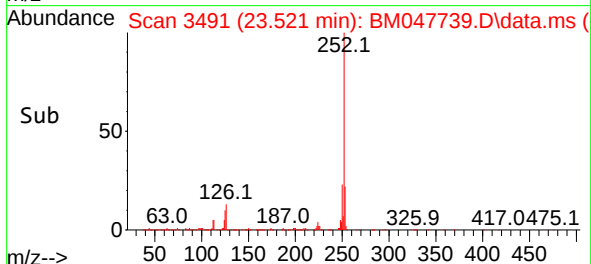
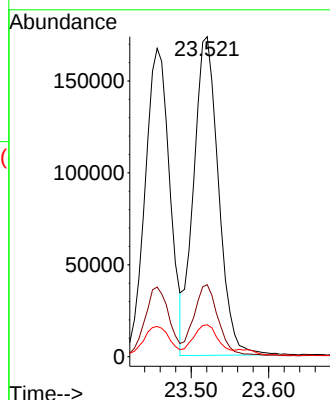
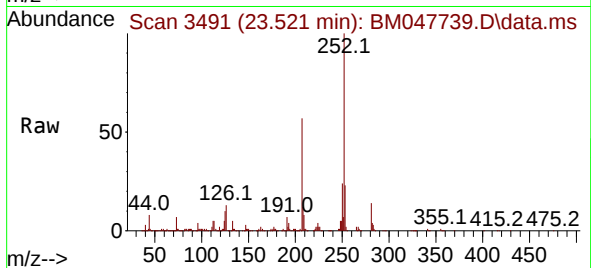
Tgt Ion:252 Resp: 387240
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 10.0 8.9 13.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#93

Benzo(a)pyrene

Concen: 4.381 ng/ul

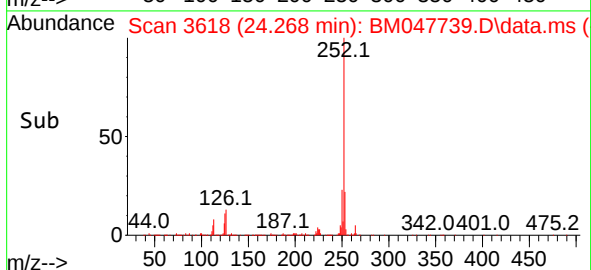
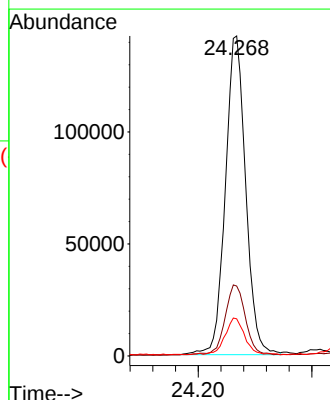
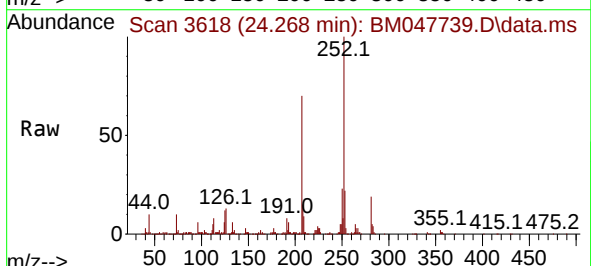
RT: 24.268 min Scan# 3618

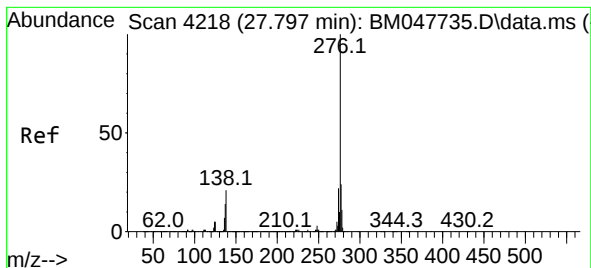
Delta R.T. -0.006 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Tgt Ion:252 Resp: 353630
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 11.6 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.187 ng/ul

RT: 27.791 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-06

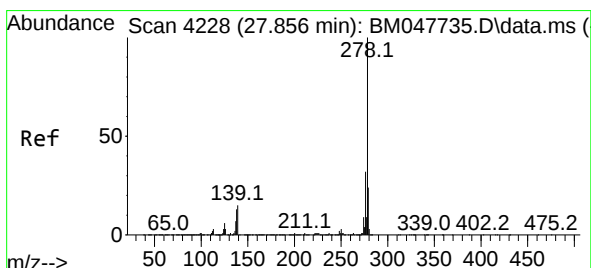
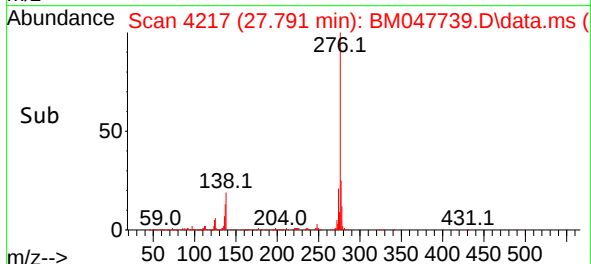
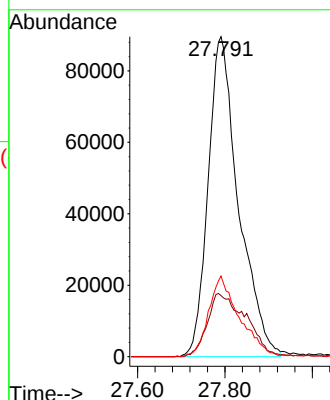
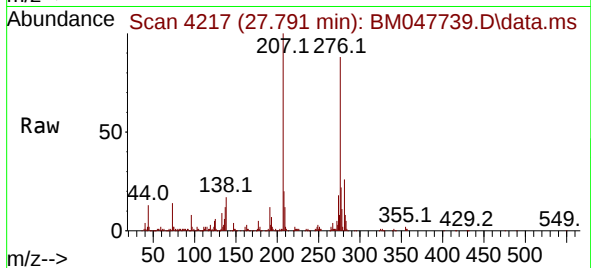
Tgt Ion:	276	Resp:	43311
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.9	25.3
277	25.2	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.306 ng/ul

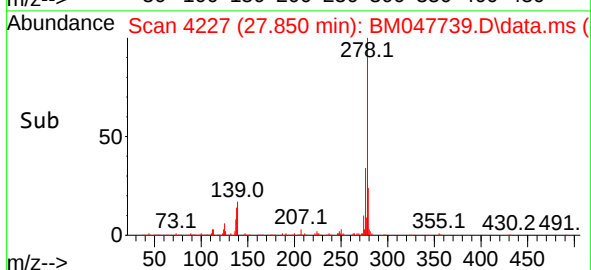
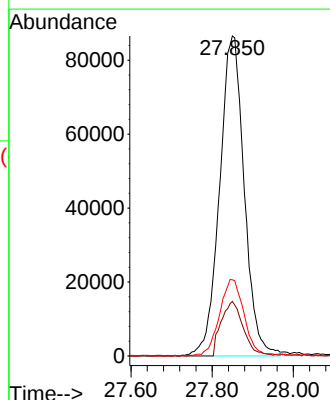
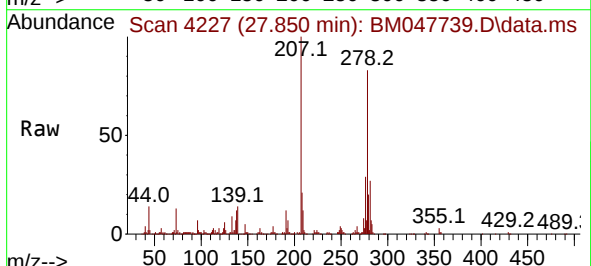
RT: 27.850 min Scan# 4227

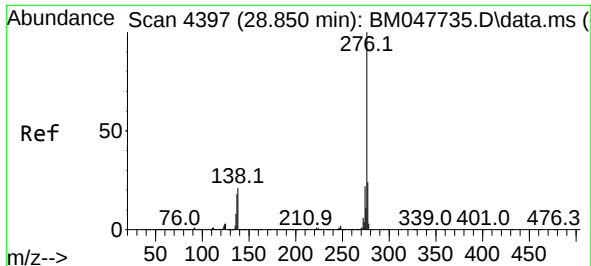
Delta R.T. -0.012 min

Lab File: BM047739.D

Acq: 01 Oct 2024 12:26

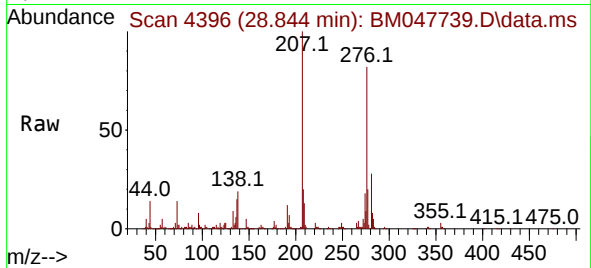
Tgt Ion:	278	Resp:	365020
Ion Ratio	Lower	Upper	
278	100		
139	17.1	13.4	20.2
279	23.8	18.4	27.6





#96
Benzo(g,h,i)perylene
Concen: 4.524 ng/ul
RT: 28.844 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM047739.D
Acq: 01 Oct 2024 12:26

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



Tgt Ion:276 Resp: 366674
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 24.4 18.3 27.5

Manual Integrations
APPROVED

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

