

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121224\
 Data File : BM048968.D
 Acq On : 12 Dec 2024 12:21
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Dec 12 23:17:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:53:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	210488	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	815797	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	436048	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	821102	20.000	ng/u1	0.00
79) Chrysene-d12	21.180	240	689649	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	725677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	19208	3.212	ng/uL	0.00
4) Pyridine-d5	3.546	84	205601	11.559	ng/u1	0.00
7) Phenol-d5	6.757	99	214413	11.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	157862	12.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	164056	12.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	146376	10.687	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	73294	12.528	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	61855	11.436	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	131689	11.440	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	191304	10.660	ng/u1	0.00
46) Dimethylphthalate-d6	13.628	166	359044	11.959	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	445803	12.164	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	49639	8.629	ng/u1	0.00
60) Fluorene-d10	15.204	176	317449	12.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	28288	6.604	ng/u1	0.00
73) Anthracene-d10	17.051	188	428692	10.653	ng/u1	0.00
81) Pyrene-d10	19.351	212	495990	12.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	440078	11.836	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	6588m	1.034	ng/uL	
5) Pyridine	3.563	79	69725	3.751	ng/u1#	85
6) Benzaldehyde	6.722	77	45589	4.660	ng/u1	96
8) Phenol	6.781	94	78235	3.955	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.010	93	65284	4.174	ng/u1	99
12) 2-Chlorophenol	7.140	128	58608	4.170	ng/u1	98
13) 2-Methylphenol	8.016	108	47113	3.471	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.098	45	97317	4.204	ng/u1	96
16) Acetophenone	8.387	105	90356	3.921	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	41497	3.695	ng/u1#	95
18) 4-Methylphenol	8.340	108	53967	3.618	ng/u1	95
19) Hexachloroethane	8.640	117	25651	4.222	ng/u1	92
22) Nitrobenzene	8.757	77	64867	4.044	ng/u1	97
23) Isophorone	9.287	82	104632	3.690	ng/u1	97
25) 2-Nitrophenol	9.463	139	24510	3.842	ng/u1	99
26) 2,4-Dimethylphenol	9.534	107	32787m	2.475	ng/u1	
27) Bis(2-Chloroethoxy)met...	9.769	93	71891	3.966	ng/u1	99
29) 2,4-Dichlorophenol	9.987	162	48424	4.070	ng/u1	96
30) Naphthalene	10.387	128	178417	4.117	ng/u1	99
32) 4-Chloroaniline	10.498	127	62747	3.632	ng/u1	99
33) Hexachlorobutadiene	10.681	225	31396	4.088	ng/u1	97
34) Caprolactam	11.275	113	11438m	3.051	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	37118	3.262	ng/u1	100
36) 2-Methylnaphthalene	12.010	142	105767	3.853	ng/u1	97

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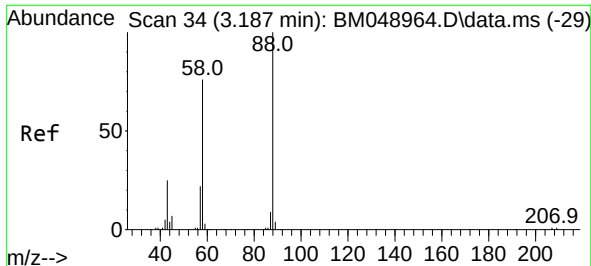
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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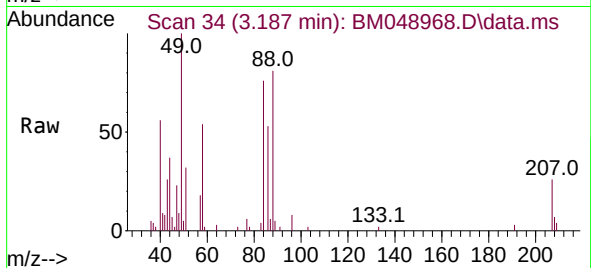
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	97989	3.572	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.381	216	54447	4.080	ng/ul	96
40) Hexachlorocyclopentadiene	12.369	237	25920	3.127	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	25186	3.363	ng/ul	92
42) 2,4,5-Trichlorophenol	12.698	196	26538	3.219	ng/ul	96
43) 1,1'-Biphenyl	13.039	154	130892	3.966	ng/ul	98
44) 2-Chloronaphthalene	13.069	162	107965	4.117	ng/ul	97
45) 2-Nitroaniline	13.281	65	20419	3.035	ng/ul	99
47) Dimethylphthalate	13.675	163	119282	3.971	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	14675	2.897	ng/ul	88
50) Acenaphthylene	13.928	152	163334	4.095	ng/ul	97
51) 3-Nitroaniline	14.116	138	16216	2.749	ng/ul#	85
52) Acenaphthene	14.275	153	110481	3.905	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	8812	3.331	ng/ul	95
55) 4-Nitrophenol	14.427	109	15015m	3.562	ng/ul	
56) Dibenzofuran	14.610	168	155003	4.070	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	23814	3.180	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.839	232	20017	3.317	ng/ul#	97
59) Diethylphthalate	15.051	149	106160	3.669	ng/ul	99
61) Fluorene	15.263	166	117631	3.736	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.263	204	55585	3.643	ng/ul	96
63) 4-Nitroaniline	15.280	138	16342m	2.908	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.339	198	13577	2.847	ng/ul#	83
67) N-Nitrosodiphenylamine	15.480	169	87210	3.486	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	27777	3.434	ng/ul	97
69) Hexachlorobenzene	16.263	284	36705	3.775	ng/ul	95
70) Atrazine	16.439	200	27537m	3.003	ng/ul	
71) Pentachlorophenol	16.610	266	21178	3.518	ng/ul	97
72) Phenanthrene	16.998	178	179174	3.772	ng/ul	98
74) Anthracene	17.086	178	166775	3.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	48988	3.679	ng/uL	97
76) Pentachlorobenzene	14.527	250	43102	3.338	ng/uL	95
77) Carbazole	17.363	167	146000	3.237	ng/ul	99
78) Di-n-butylphthalate	17.945	149	145898	3.220	ng/ul	99
80) Fluoranthene	19.021	202	177639	3.902	ng/ul	98
82) Pyrene	19.380	202	203120	4.044	ng/ul	96
83) Butylbenzylphthalate	20.309	149	50080	3.267	ng/ul#	86
84) 3,3'-Dichlorobenzidine	21.104	252	25178	2.103	ng/ul	99
85) Benzo(a)anthracene	21.162	228	180604	3.905	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	70437	3.181	ng/ul	96
87) Chrysene	21.221	228	179164	4.115	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	96486	2.211	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	164464	3.583	ng/ul	98
91) Benzo(k)fluoranthene	23.168	252	167374	3.651	ng/ul	98
93) Benzo(a)pyrene	23.856	252	149178	3.496	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.109	276	199287m	3.780	ng/ul	
95) Dibenzo(a,h)anthracene	27.174	278	163566m	3.797	ng/ul	
96) Benzo(g,h,i)perylene	28.074	276	160696m	3.971	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.034 ng/uL m
RT: 3.187 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

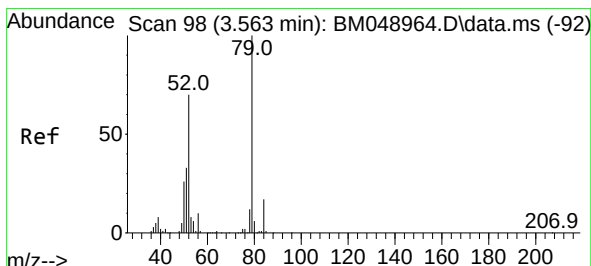
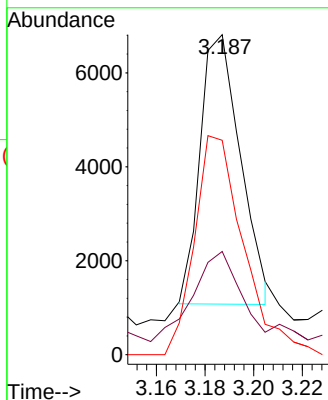
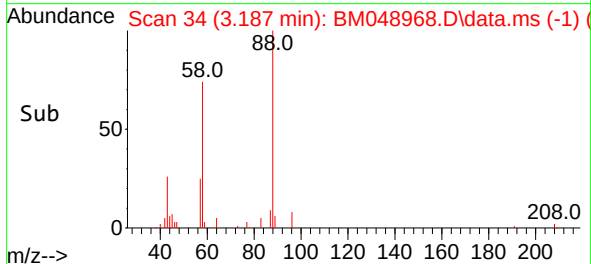
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 88 Resp: 6588
Ion Ratio Lower Upper
88 100
43 32.2 24.7 37.1
58 67.0 60.0 90.0

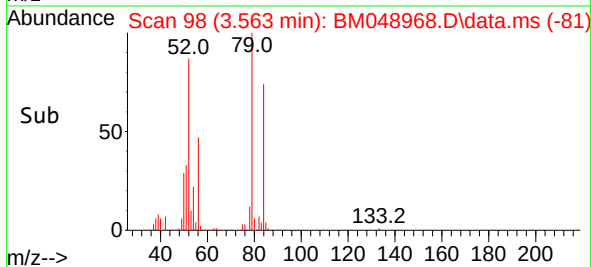
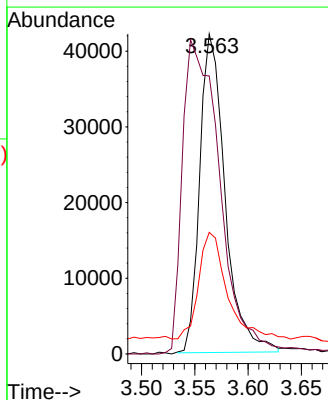
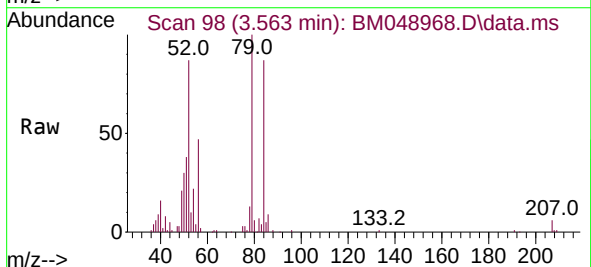
Manual Integrations
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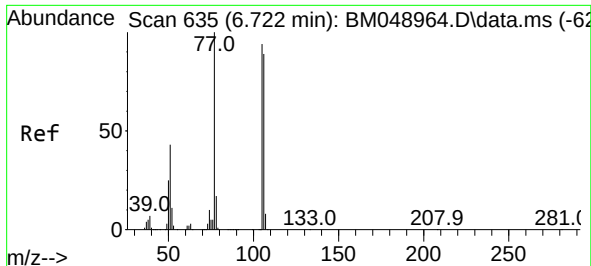
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#5
Pyridine
Concen: 3.751 ng/uL
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

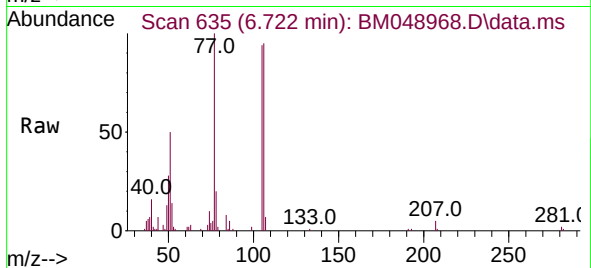
Tgt Ion: 79 Resp: 69725
Ion Ratio Lower Upper
79 100
52 86.9 56.2 84.4#
51 38.0 28.6 42.8





#6
Benzaldehyde
Concen: 4.660 ng/ul
RT: 6.722 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

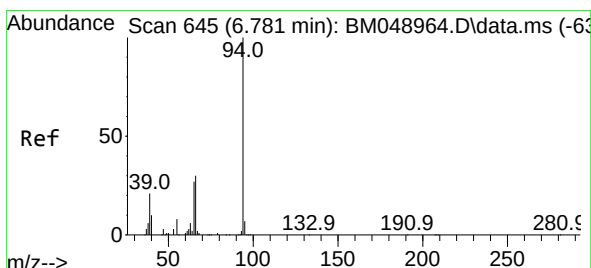
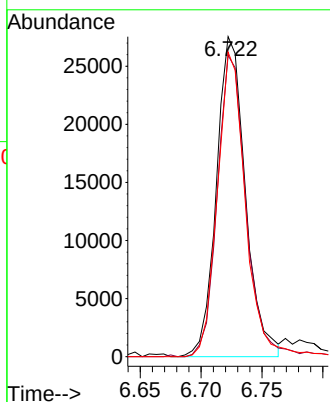
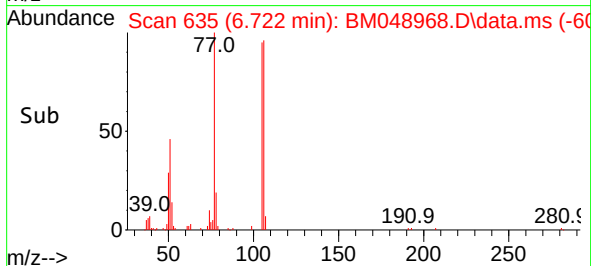
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 77 Resp: 45589
Ion Ratio Lower Upper
77 100
105 94.1 73.3 109.9
106 95.1 71.9 107.9

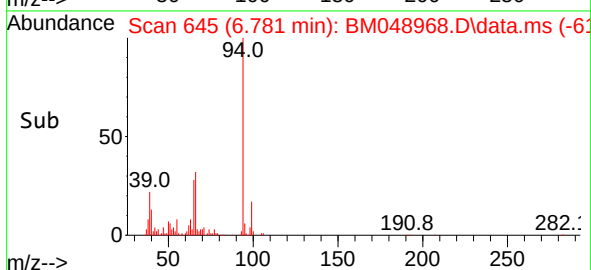
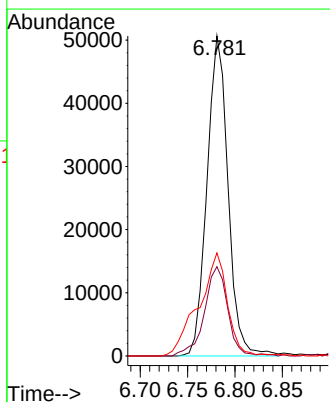
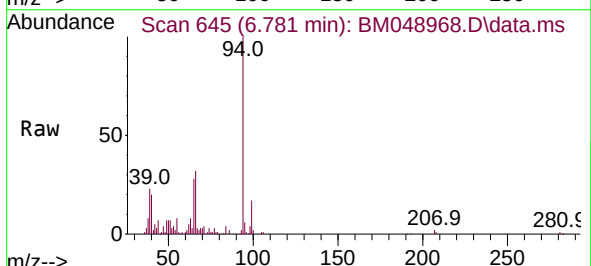
Manual Integrations
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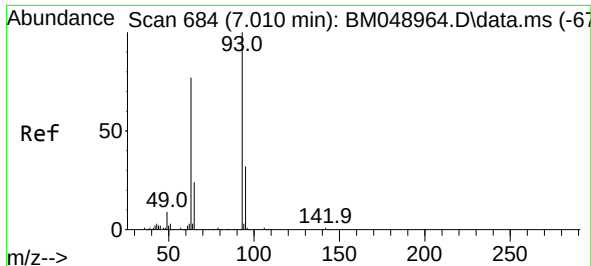
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#8
Phenol
Concen: 3.955 ng/ul
RT: 6.781 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion: 94 Resp: 78235
Ion Ratio Lower Upper
94 100
65 27.9 22.1 33.1
66 32.2 24.9 37.3





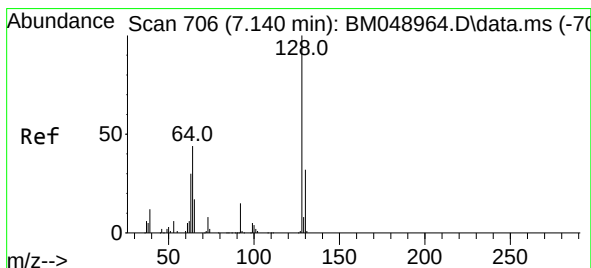
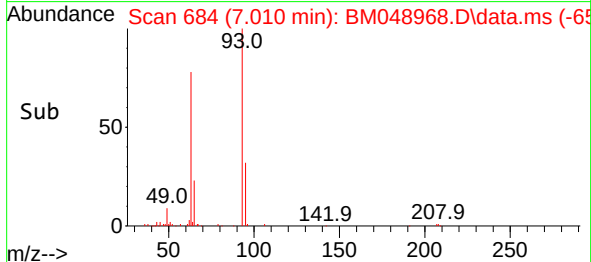
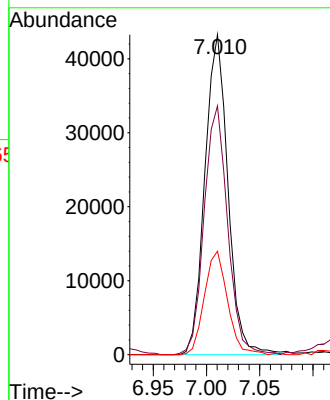
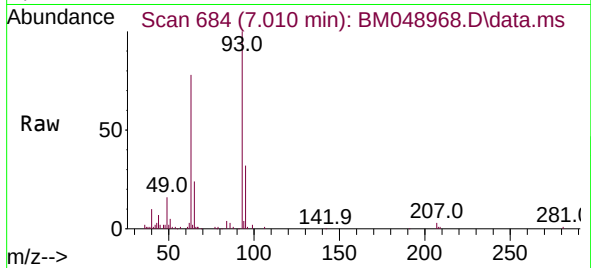
#10
Bis(2-Chloroethyl)ether
Concen: 4.174 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion: 93 Resp: 65284
Ion Ratio Lower Upper
93 100
63 77.8 62.9 94.3
95 32.3 26.2 39.2

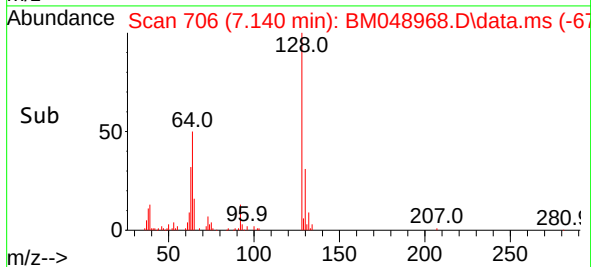
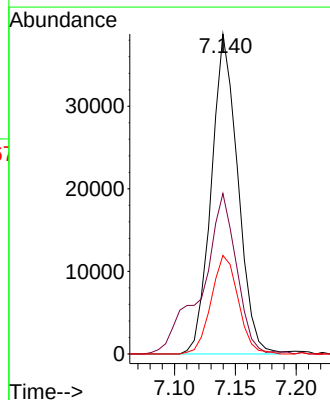
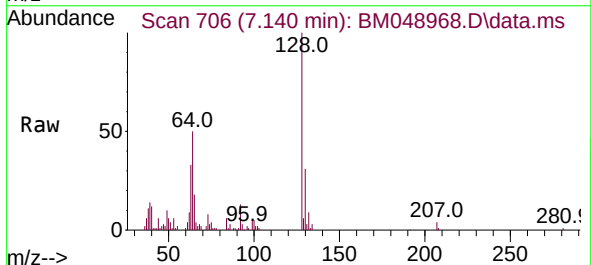
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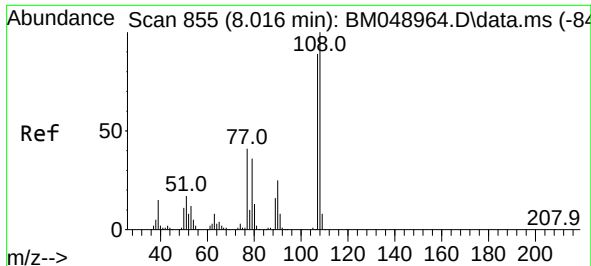
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#12
2-Chlorophenol
Concen: 4.170 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:128 Resp: 58608
Ion Ratio Lower Upper
128 100
64 50.2 40.8 61.2
130 30.8 26.1 39.1





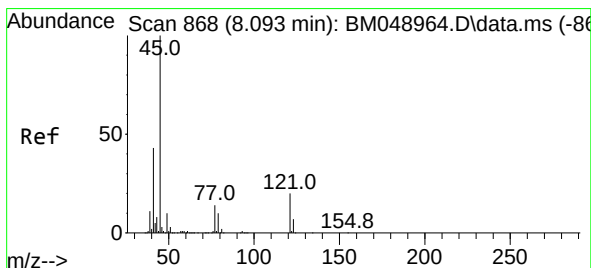
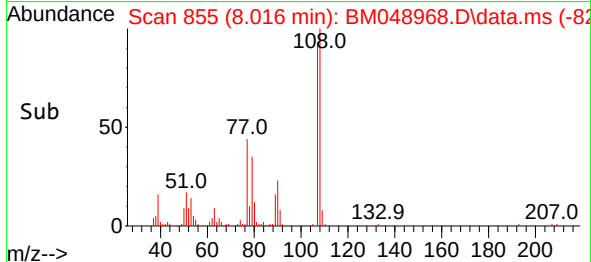
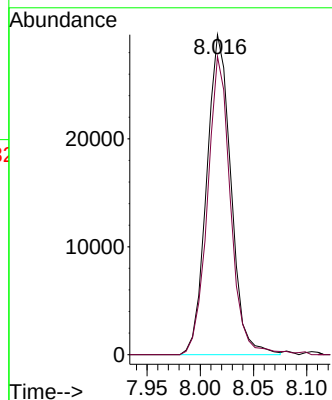
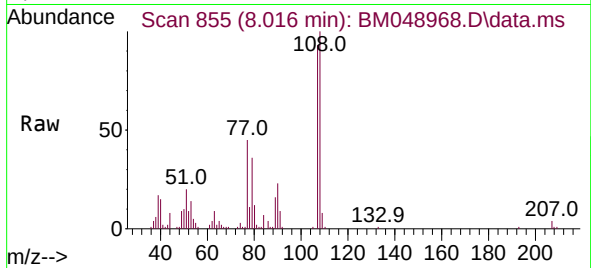
#13
2-Methylphenol
Concen: 3.471 ng/ul
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 4711
Ion Ratio Lower Upper
108 100
107 93.2 70.7 106.1

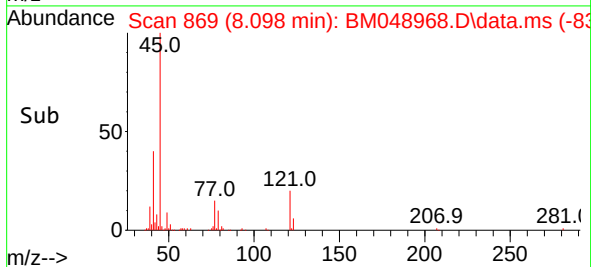
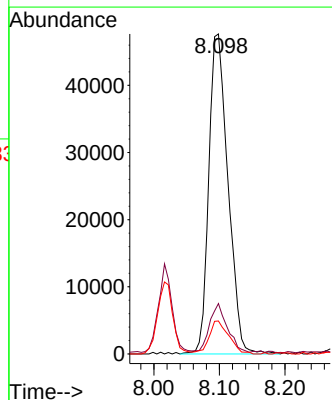
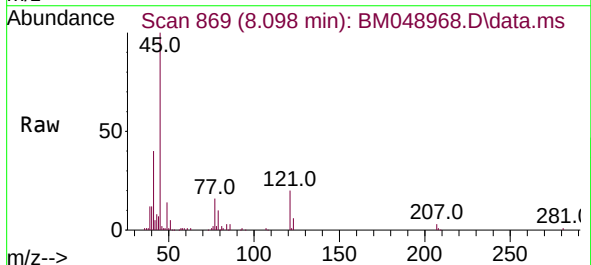
Manual Integrations
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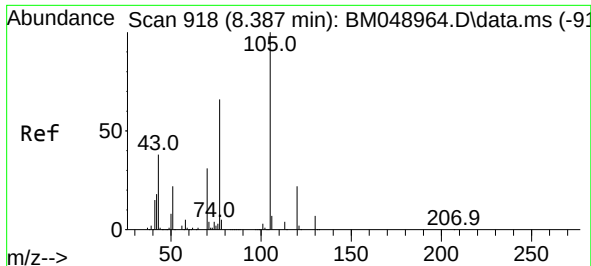
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.204 ng/ul
RT: 8.098 min Scan# 869
Delta R.T. 0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion: 45 Resp: 97317
Ion Ratio Lower Upper
45 100
77 15.7 10.6 16.0
79 10.3 8.5 12.7





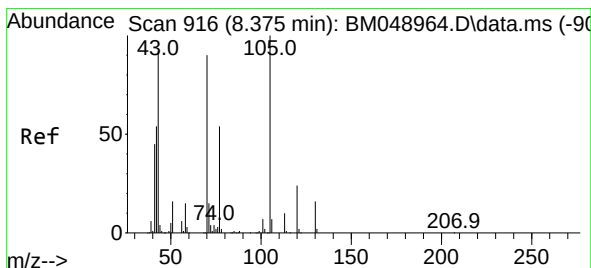
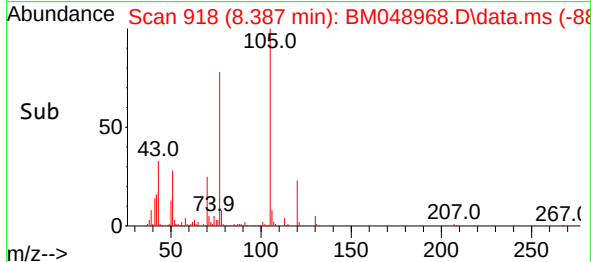
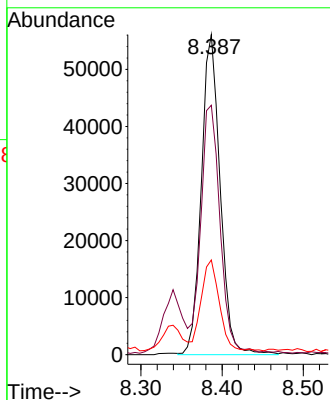
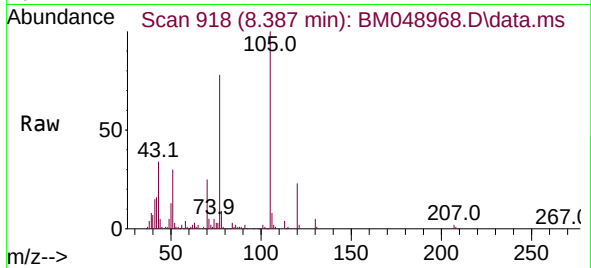
#16
Acetophenone
Concen: 3.921 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:105 Resp: 90350
Ion Ratio Lower Upper
105 100
77 77.9 64.2 96.2
51 29.6 23.7 35.5

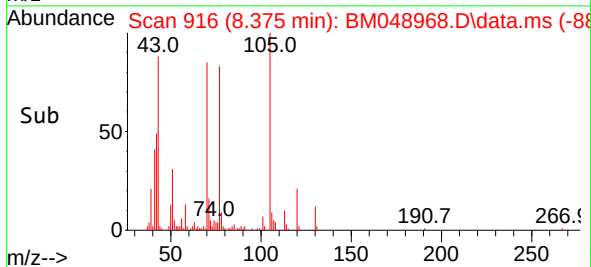
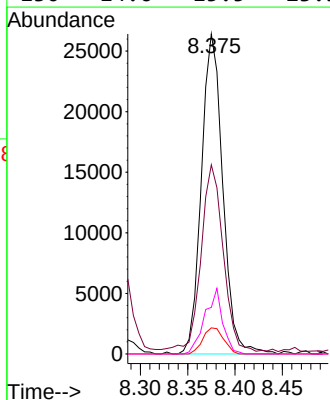
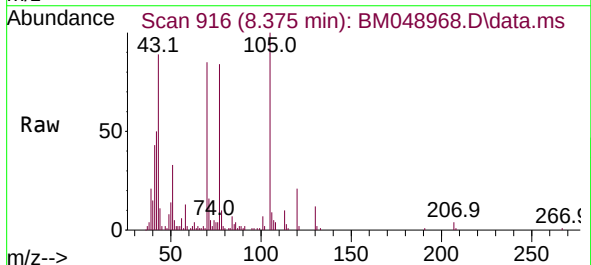
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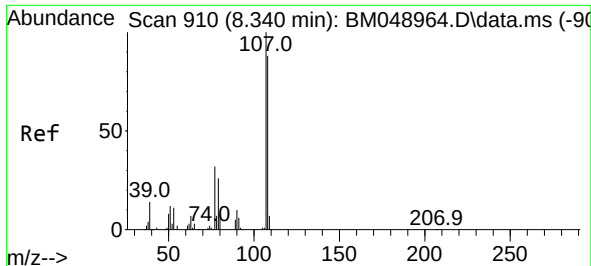
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.695 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion: 70 Resp: 41497
Ion Ratio Lower Upper
70 100
42 59.1 49.6 74.4
101 8.1 6.9 10.3
130 14.6 15.5 23.3#





#18

4-Methylphenol

Concen: 3.618 ng/ul

RT: 8.340 min Scan# 910

Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 5396

Ion Ratio Lower Upper

108 100

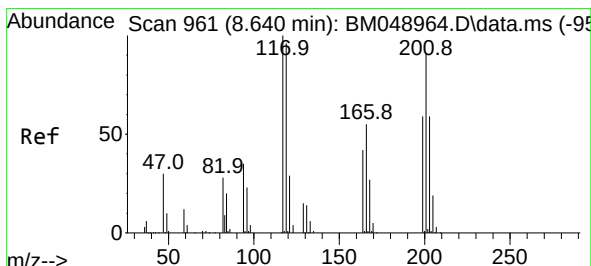
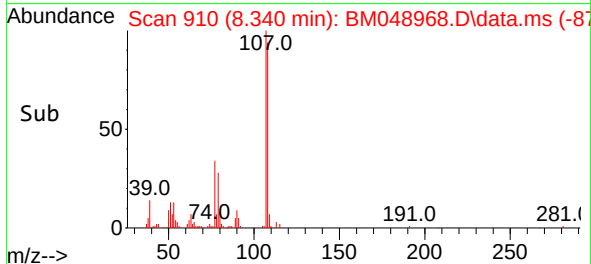
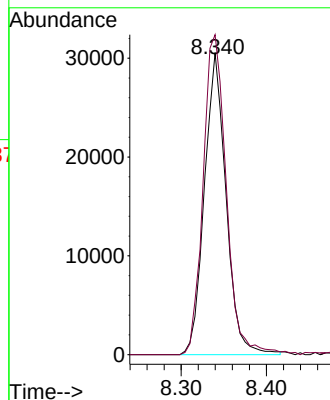
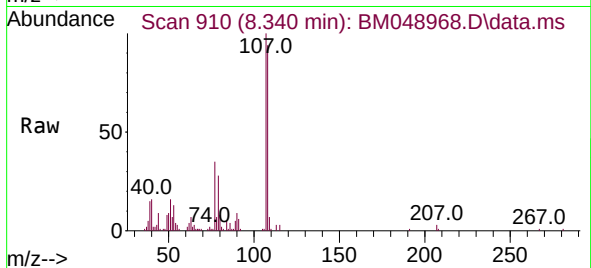
107 105.9 89.4 134.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#19

Hexachloroethane

Concen: 4.222 ng/ul

RT: 8.640 min Scan# 961

Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

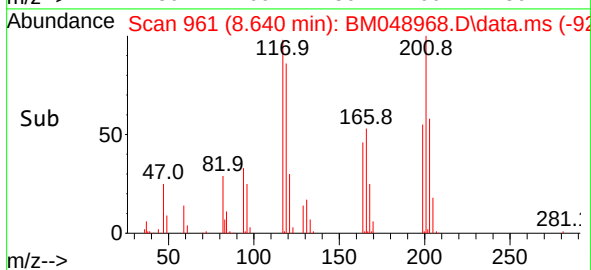
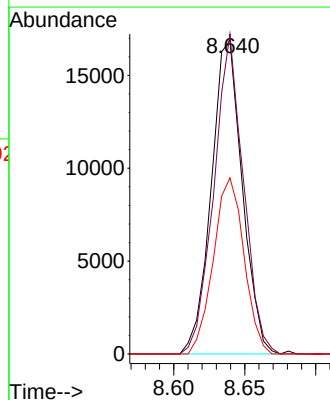
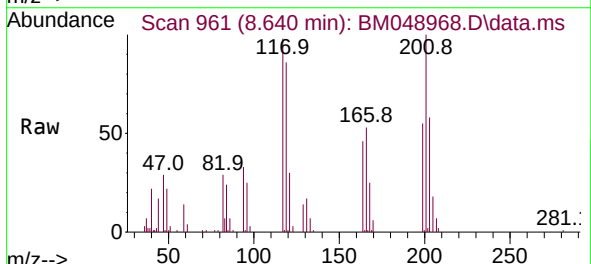
Tgt Ion:117 Resp: 25651

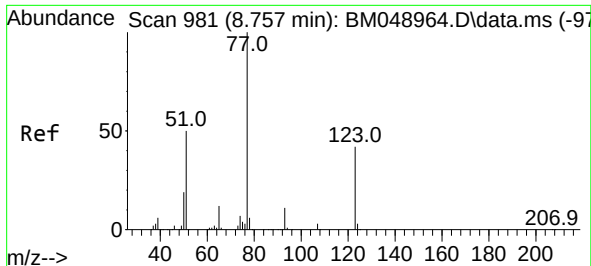
Ion Ratio Lower Upper

117 100

201 102.0 72.2 108.4

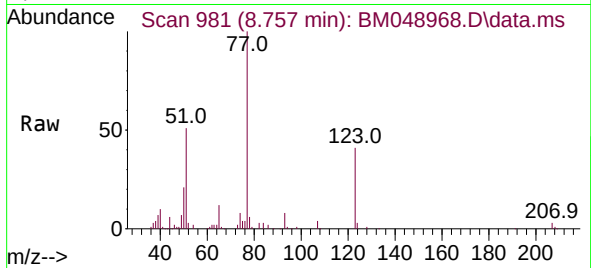
199 57.6 45.6 68.4





#22
Nitrobenzene
Concen: 4.044 ng/ul
RT: 8.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

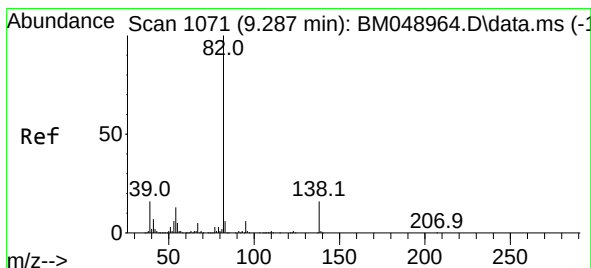
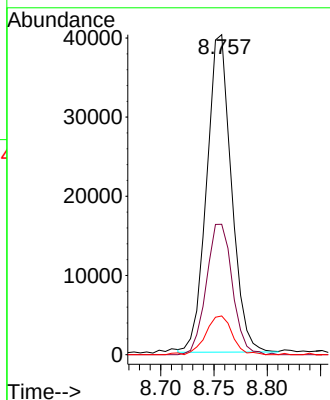
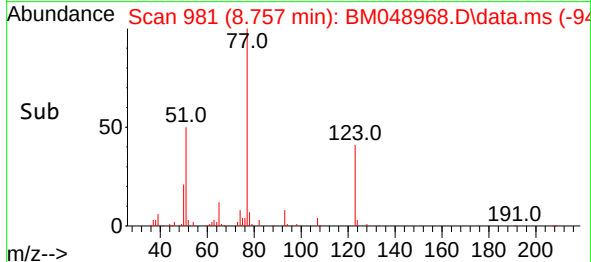
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



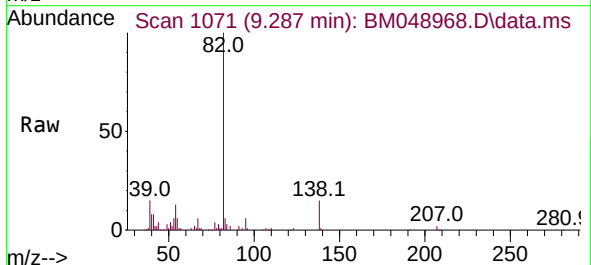
Tgt Ion: 77 Resp: 6486
Ion Ratio Lower Upper
77 100
123 40.8 34.3 51.5
65 12.1 10.0 15.0

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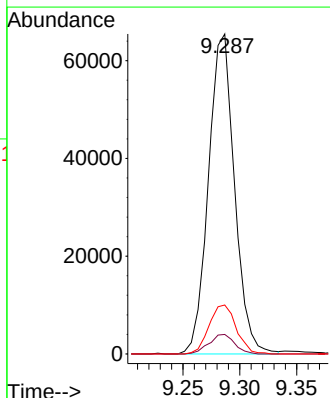
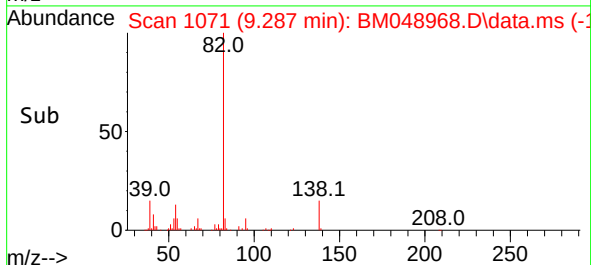
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

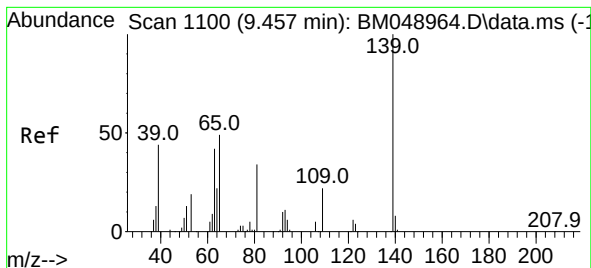


#23
Isophorone
Concen: 3.690 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



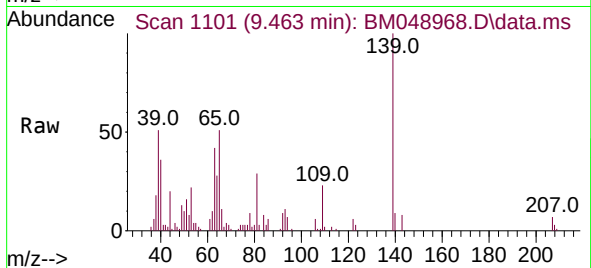
Tgt Ion: 82 Resp: 104632
Ion Ratio Lower Upper
82 100
95 6.1 4.7 7.1
138 15.3 13.7 20.5





#25
2-Nitrophenol
Concen: 3.842 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

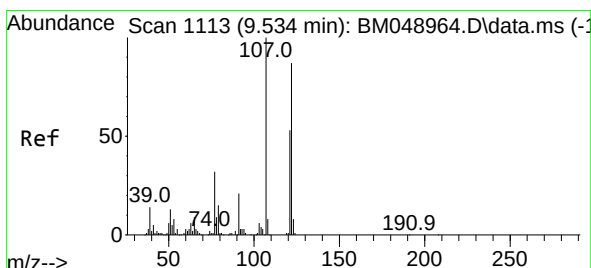
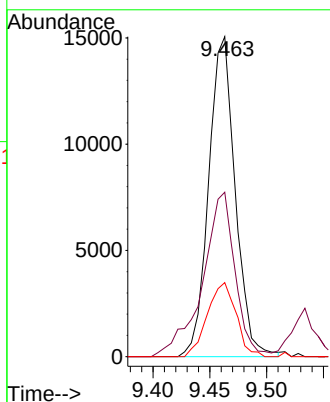
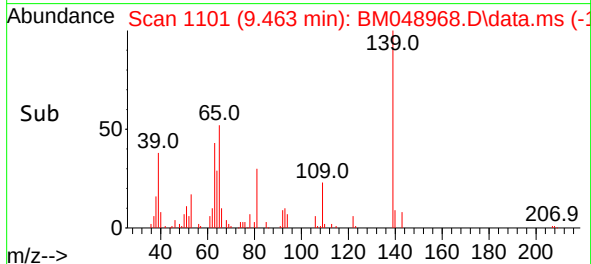
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:139 Resp: 24510
Ion Ratio Lower Upper
139 100
65 51.4 41.4 62.0
109 23.1 17.8 26.6

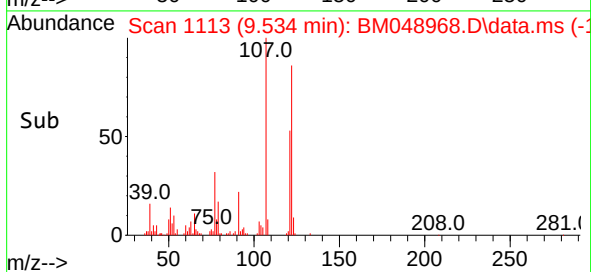
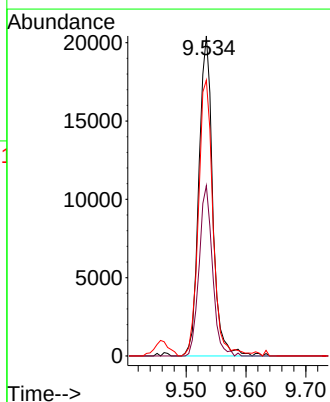
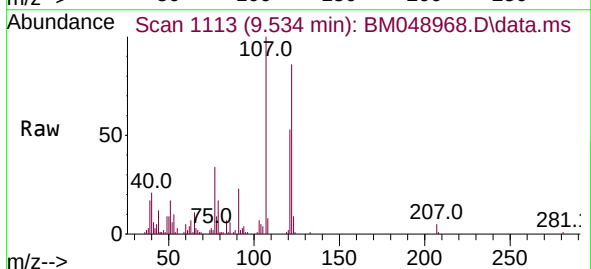
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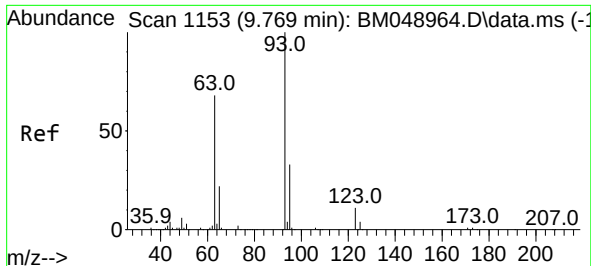
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#26
2,4-Dimethylphenol
Concen: 2.475 ng/ul m
RT: 9.534 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:107 Resp: 32787
Ion Ratio Lower Upper
107 100
121 53.2 40.2 60.4
122 86.2 68.6 102.8





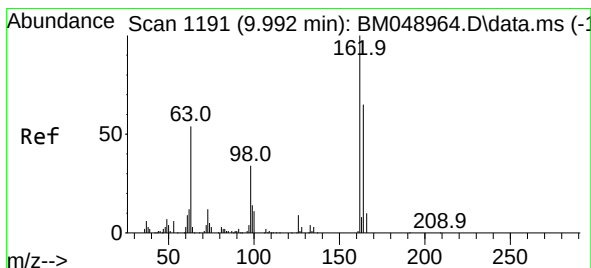
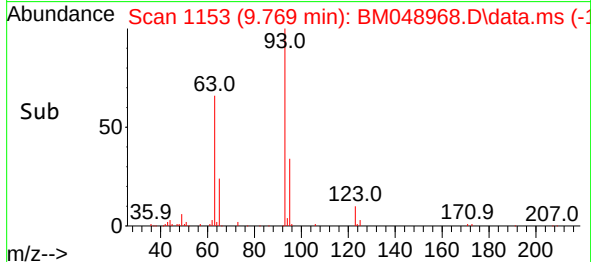
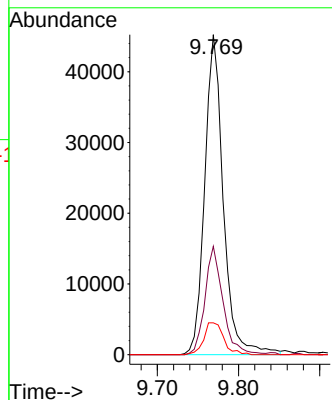
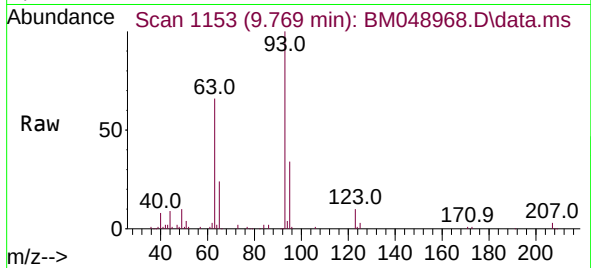
#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.966 ng/ul
 RT: 9.769 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BM048968.D
 Acq: 12 Dec 2024 12:21

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Tgt Ion: 93 Resp: 7189
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 40.0
 123 9.9 8.8 13.2

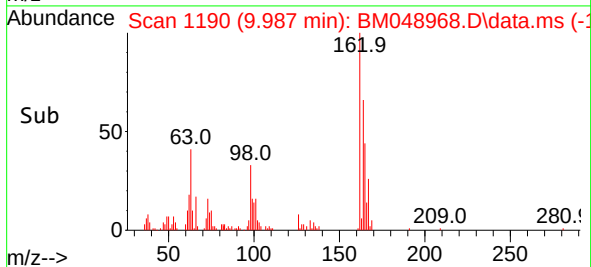
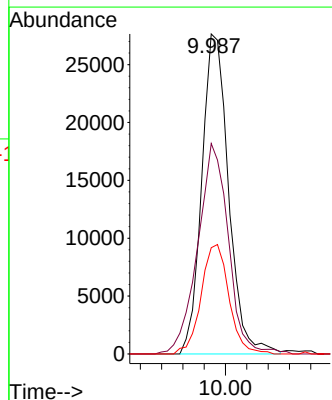
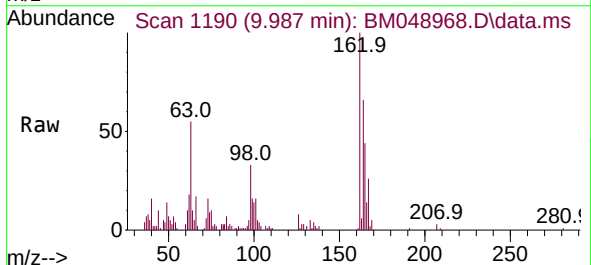
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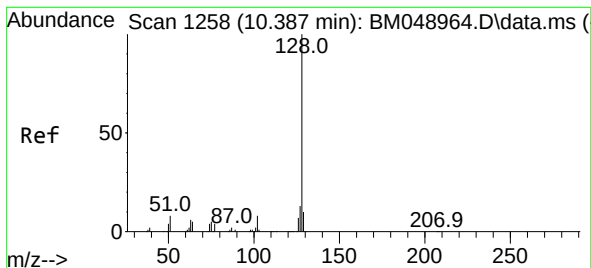
Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024



#29
 2,4-Dichlorophenol
 Concen: 4.070 ng/ul
 RT: 9.987 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BM048968.D
 Acq: 12 Dec 2024 12:21

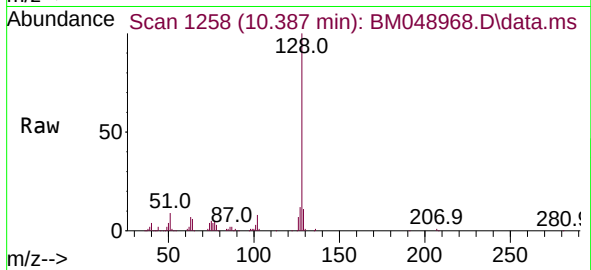
Tgt Ion:162 Resp: 48424
 Ion Ratio Lower Upper
 162 100
 164 65.8 50.5 75.7
 98 33.2 28.3 42.5





#30
Naphthalene
Concen: 4.117 ng/ul
RT: 10.387 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

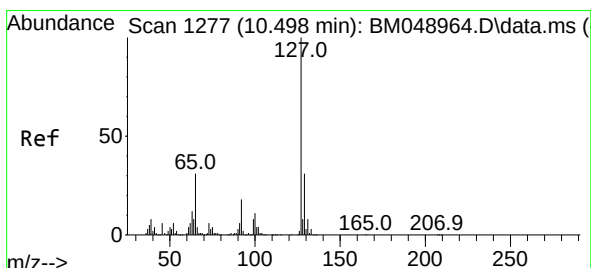
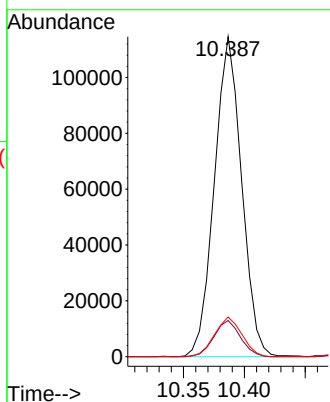
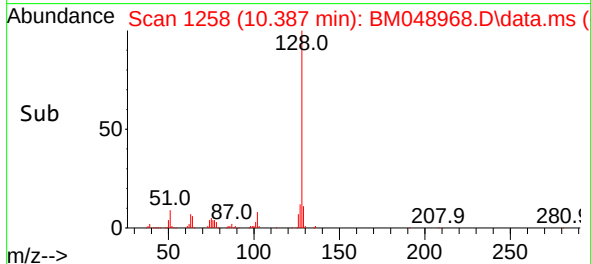
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:128 Resp: 17841
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.4 10.1 15.1

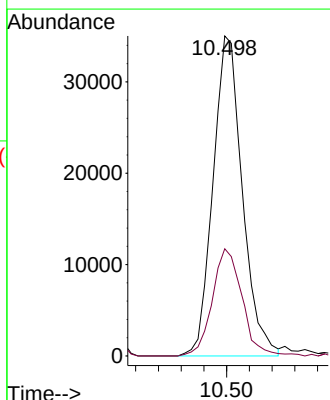
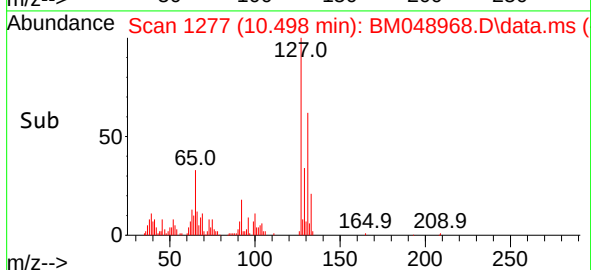
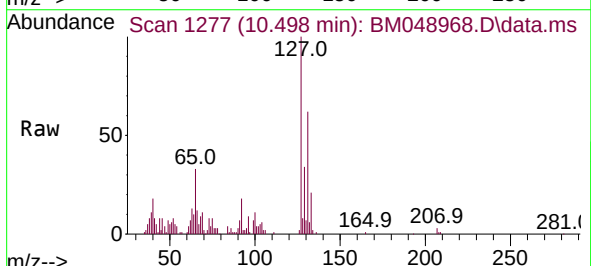
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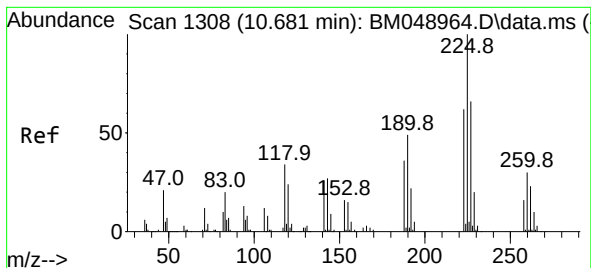
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#32
4-Chloroaniline
Concen: 3.632 ng/ul
RT: 10.498 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

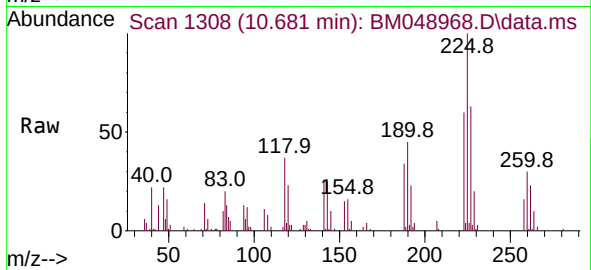
Tgt Ion:127 Resp: 62747
Ion Ratio Lower Upper
127 100
129 33.5 26.5 39.7





#33
Hexachlorobutadiene
Concen: 4.088 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

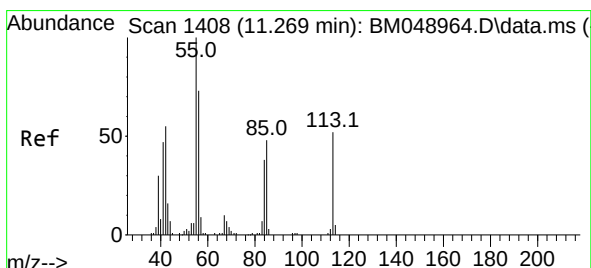
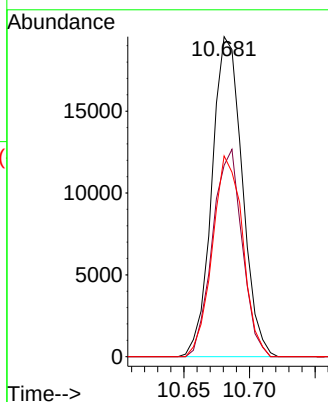
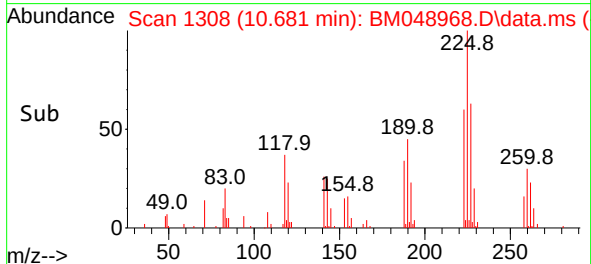
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:225 Resp: 31390
Ion Ratio Lower Upper
225 100
223 63.5 48.9 73.3
227 65.5 50.9 76.3

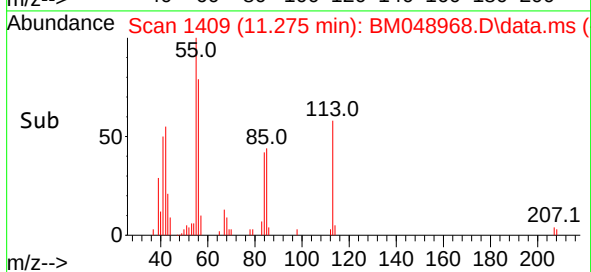
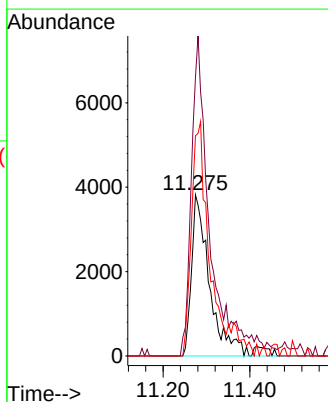
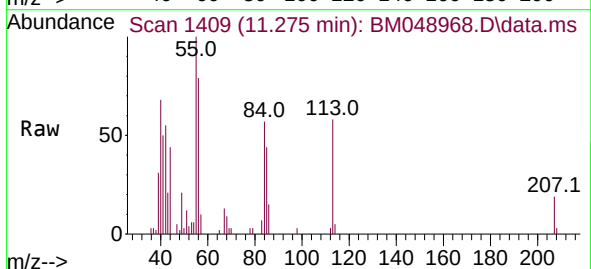
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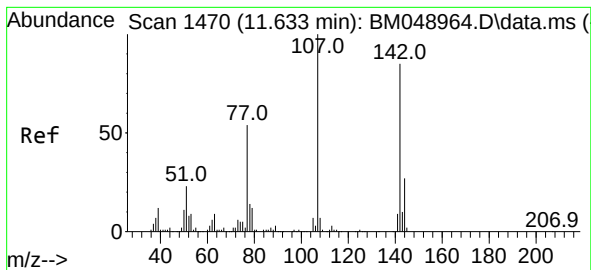
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#34
Caprolactam
Concen: 3.051 ng/ul m
RT: 11.275 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:113 Resp: 11438
Ion Ratio Lower Upper
113 100
55 173.1 143.5 215.3
56 136.8 96.9 145.3





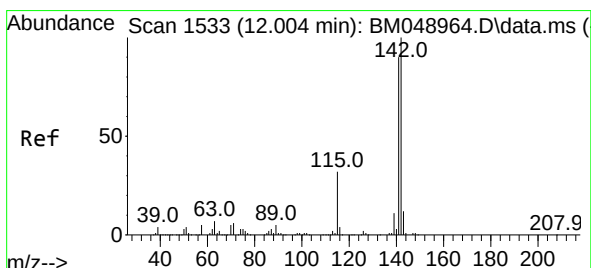
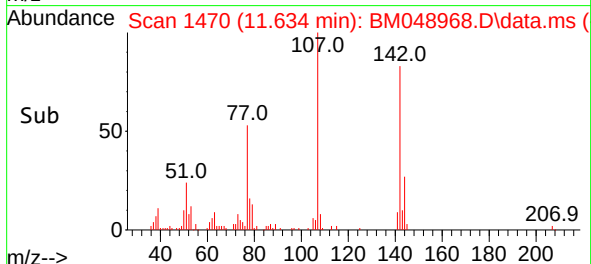
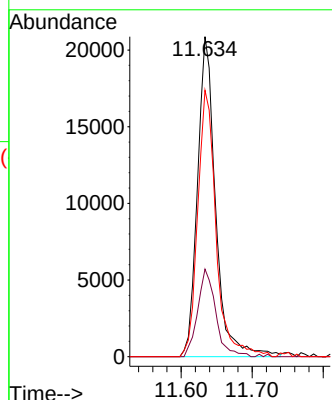
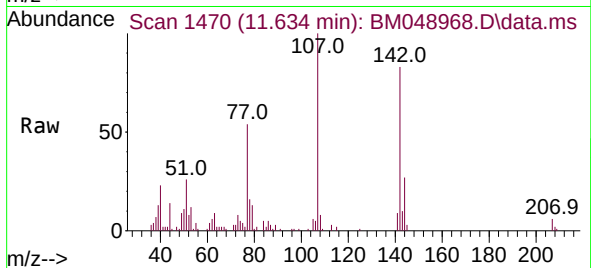
#35
4-Chloro-3-methylphenol
Concen: 3.262 ng/ul
RT: 11.634 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:107 Resp: 37118
Ion Ratio Lower Upper
107 100
144 27.4 22.2 33.4
142 83.3 66.6 99.8

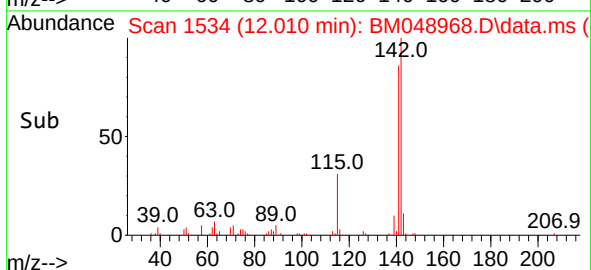
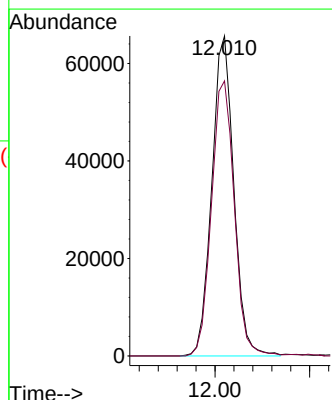
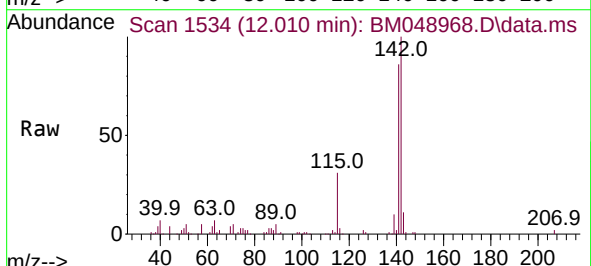
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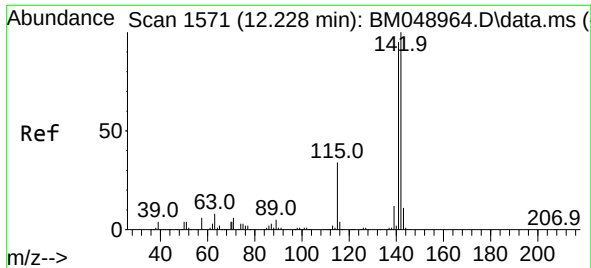
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#36
2-Methylnaphthalene
Concen: 3.853 ng/ul
RT: 12.010 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

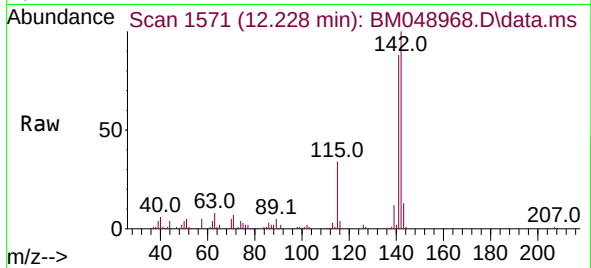
Tgt Ion:142 Resp: 105767
Ion Ratio Lower Upper
142 100
141 86.0 70.9 106.3





#37
1-Methylnaphthalene
Concen: 3.572 ng/ul
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

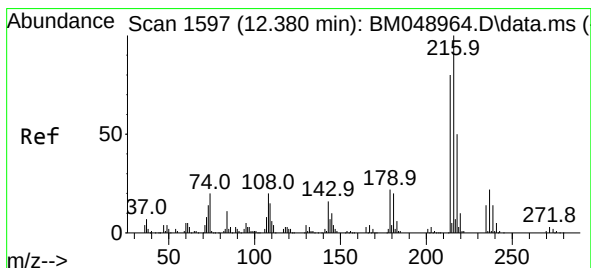
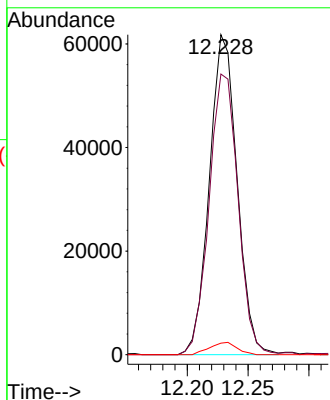
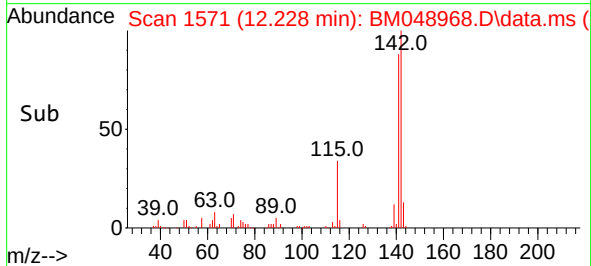
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:142 Resp: 97989
Ion Ratio Lower Upper
142 100
141 87.7 75.1 112.7
116 3.6 2.9 4.3

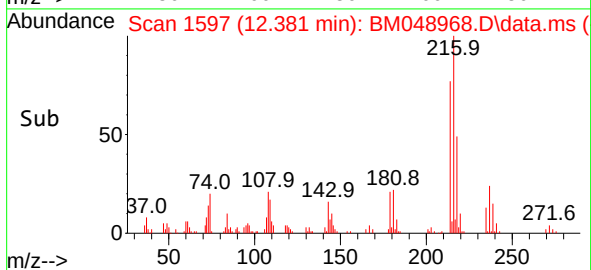
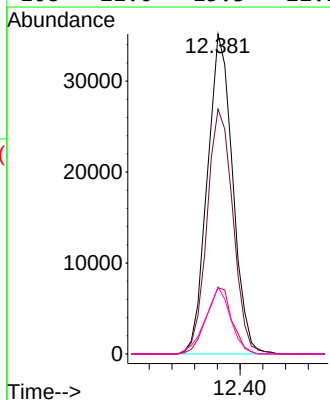
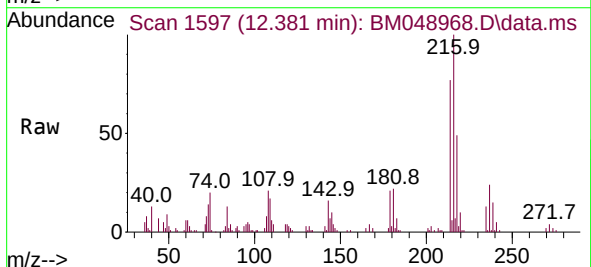
Manual Integrations
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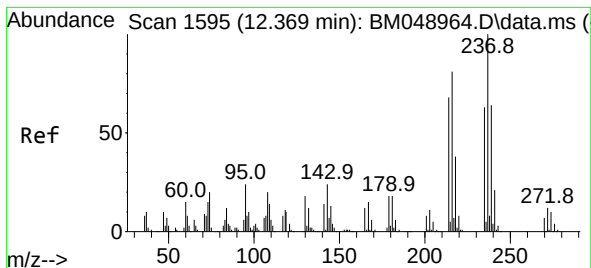
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.080 ng/ul
RT: 12.381 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

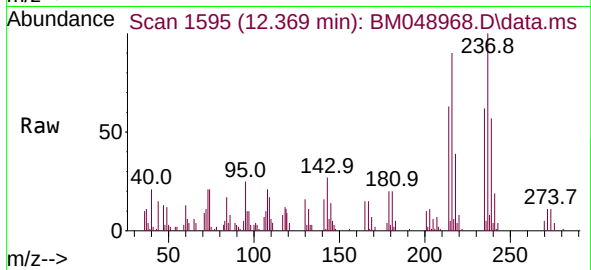
Tgt Ion:216 Resp: 54447
Ion Ratio Lower Upper
216 100
214 76.5 63.7 95.5
179 20.7 17.8 26.8
108 21.0 15.3 22.9





#40
Hexachlorocyclopentadiene
Concen: 3.127 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

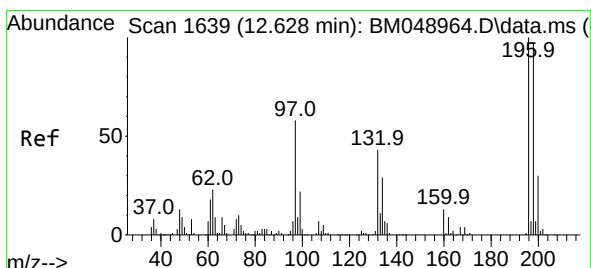
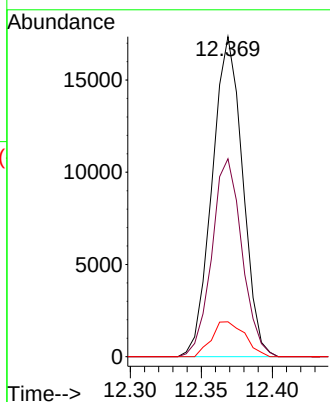
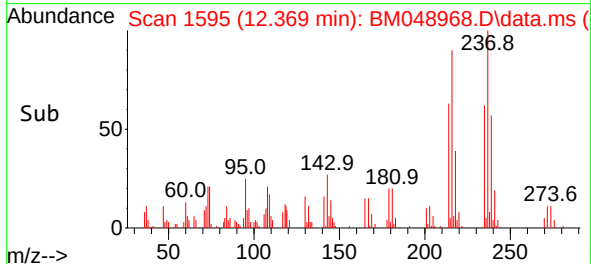
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



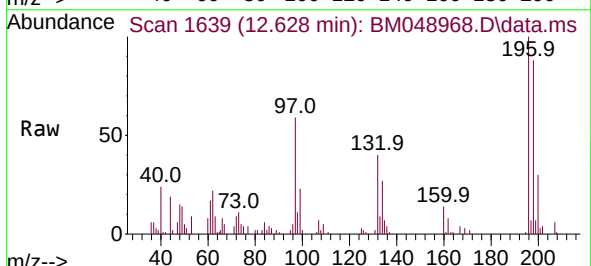
Tgt Ion:237 Resp: 25920
Ion Ratio Lower Upper
237 100
235 61.8 50.5 75.7
272 10.9 9.8 14.6

Manual Integrations
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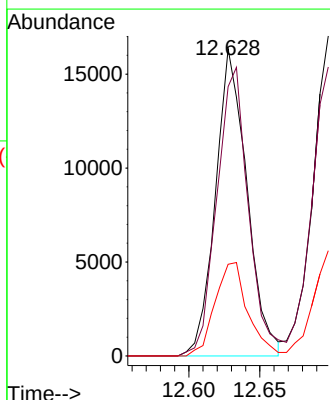
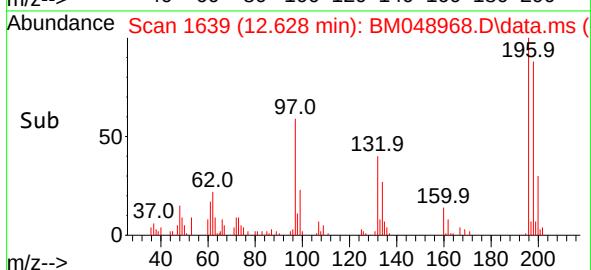
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

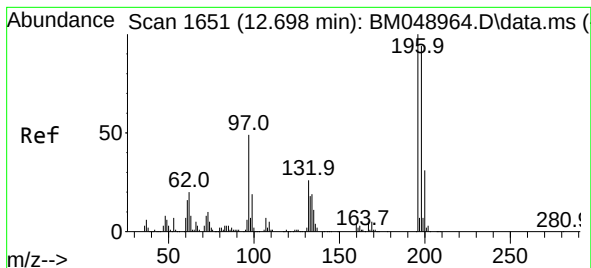


#41
2,4,6-Trichlorophenol
Concen: 3.363 ng/ul
RT: 12.628 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



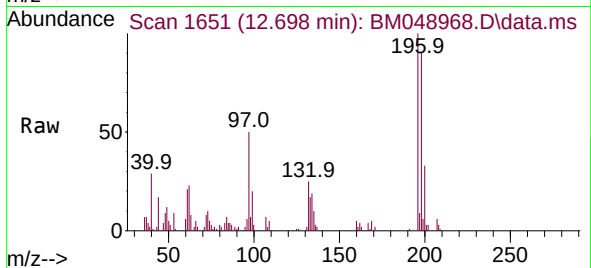
Tgt Ion:196 Resp: 25186
Ion Ratio Lower Upper
196 100
198 87.6 77.9 116.9
200 29.8 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 3.219 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

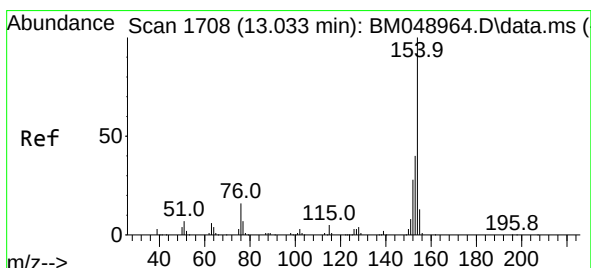
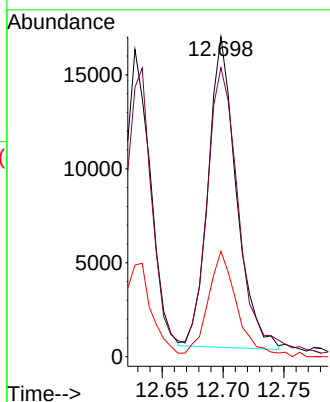
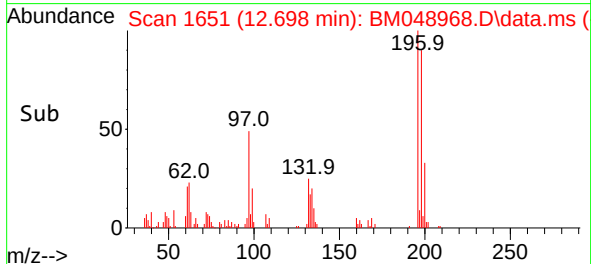
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



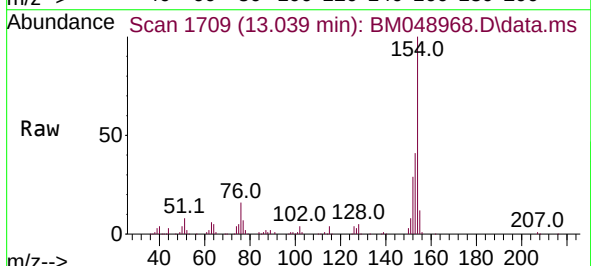
Tgt Ion:196 Resp: 26538
Ion Ratio Lower Upper
196 100
198 90.3 75.4 113.0
200 32.9 24.4 36.6

Manual Integrations
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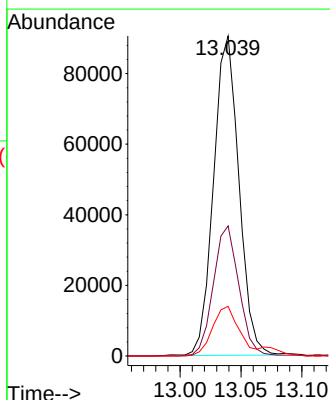
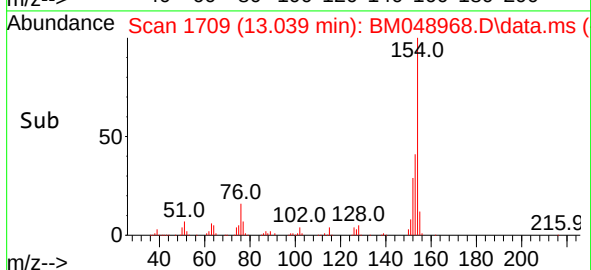
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

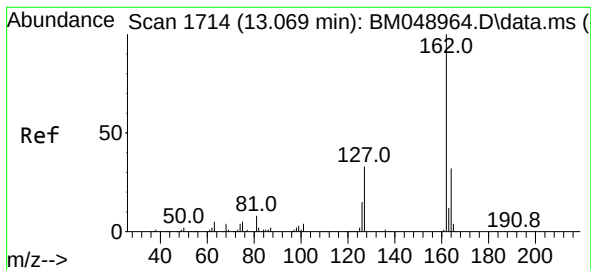


#43
1,1'-Biphenyl
Concen: 3.966 ng/ul
RT: 13.039 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



Tgt Ion:154 Resp: 130892
Ion Ratio Lower Upper
154 100
153 40.6 31.4 47.0
76 15.5 12.2 18.4





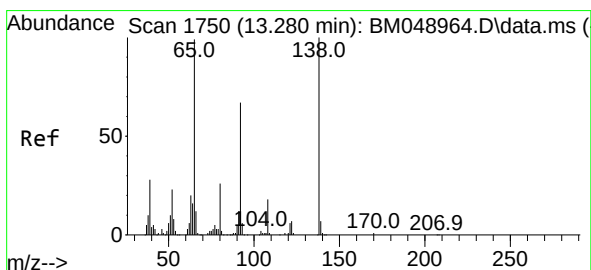
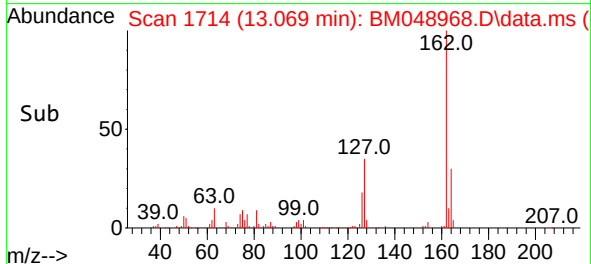
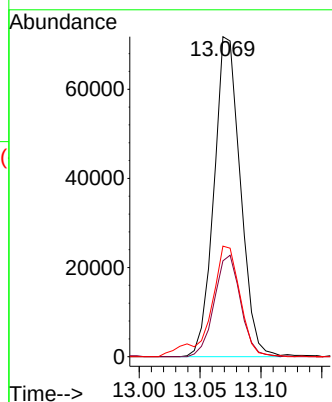
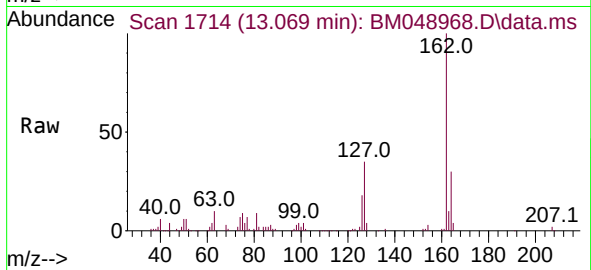
#44
2-Chloronaphthalene
Concen: 4.117 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:162 Resp: 10796
Ion Ratio Lower Upper
162 100
164 29.9 26.2 39.2
127 34.6 28.6 42.8

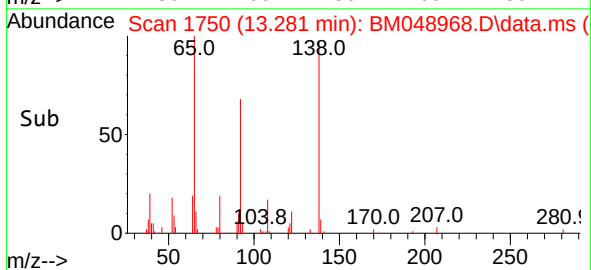
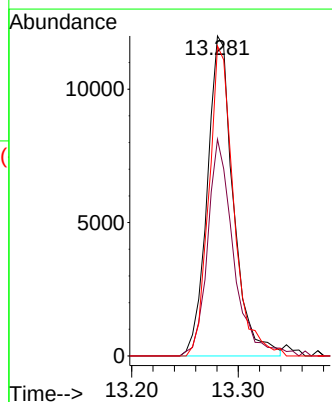
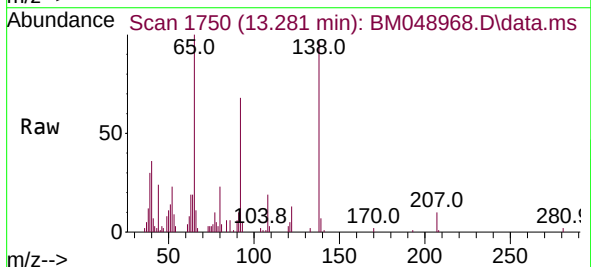
Manual Integrations
APPROVED

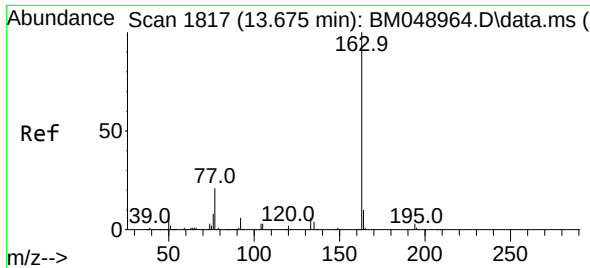
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#45
2-Nitroaniline
Concen: 3.035 ng/ul
RT: 13.281 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

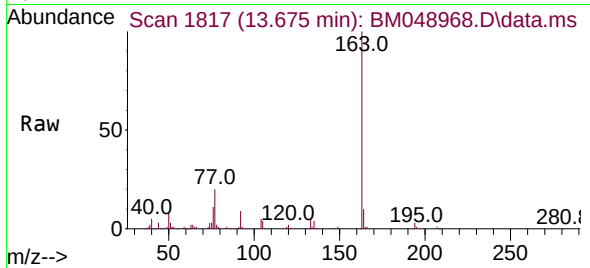
Tgt Ion: 65 Resp: 20419
Ion Ratio Lower Upper
65 100
92 67.7 54.6 81.8
138 96.9 76.1 114.1





#47
Dimethylphthalate
Concen: 3.971 ng/ul
RT: 13.675 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

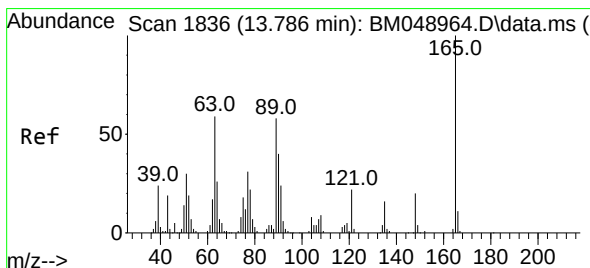
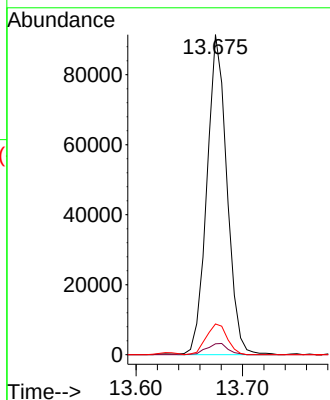
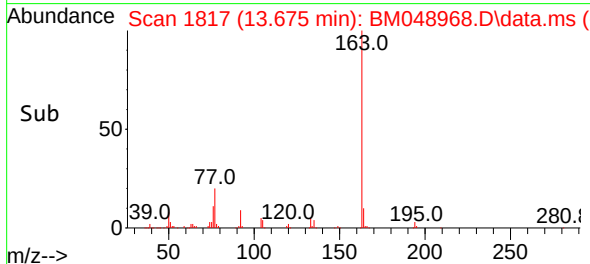
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:163 Resp: 11928
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.6 8.2 12.2

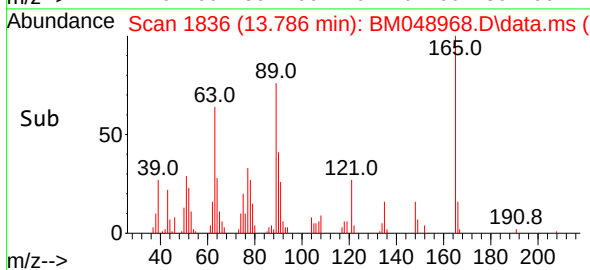
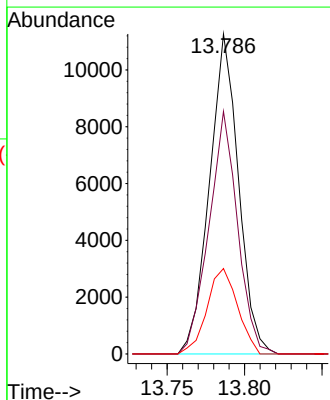
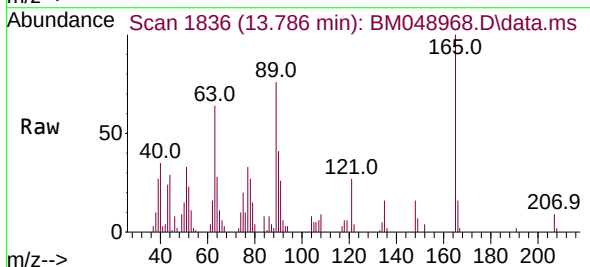
Manual Integrations
APPROVED

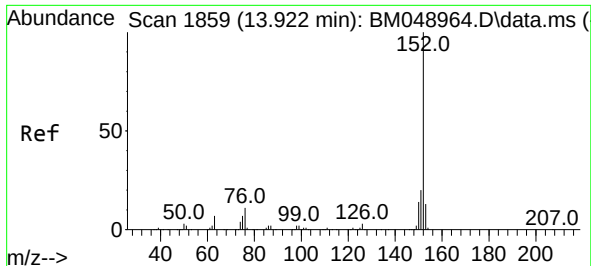
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#48
2,6-Dinitrotoluene
Concen: 2.897 ng/ul
RT: 13.786 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

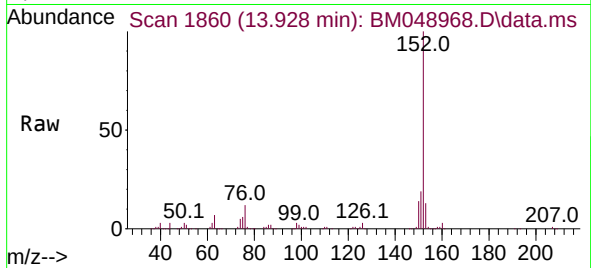
Tgt Ion:165 Resp: 14675
Ion Ratio Lower Upper
165 100
89 75.8 52.4 78.6
121 26.7 18.0 27.0





#50
Acenaphthylene
Concen: 4.095 ng/u1
RT: 13.928 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

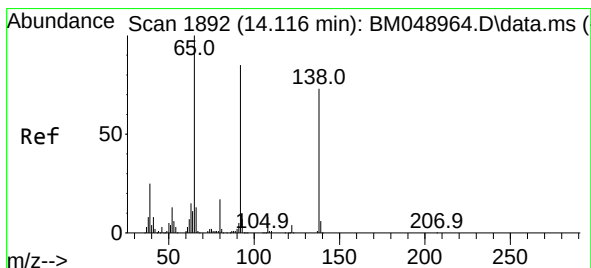
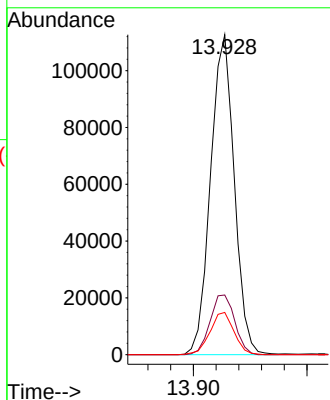
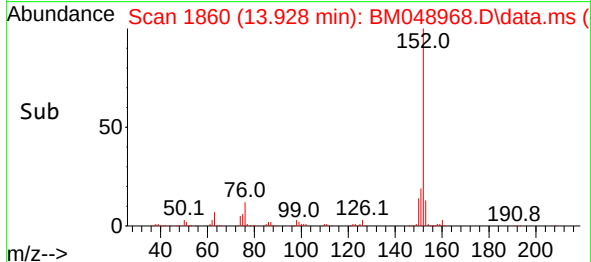
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:152 Resp: 163334
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.4
153 13.2 10.3 15.5

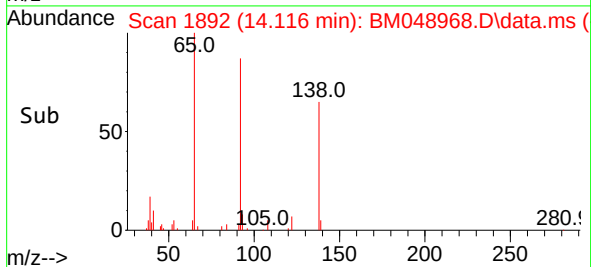
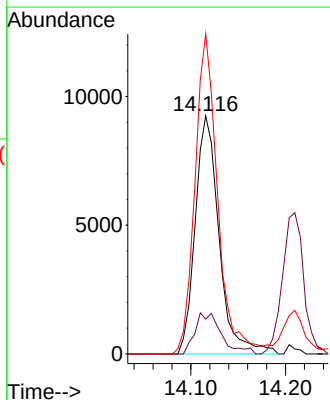
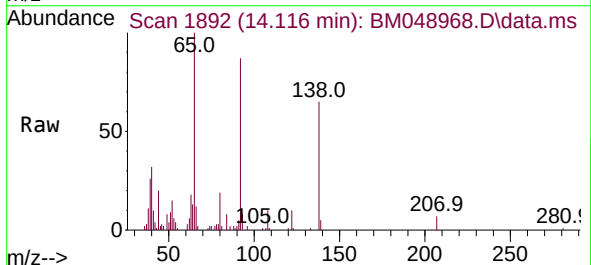
Manual Integrations
APPROVED

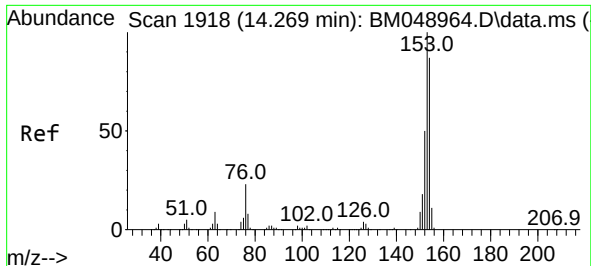
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#51
3-Nitroaniline
Concen: 2.749 ng/u1
RT: 14.116 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

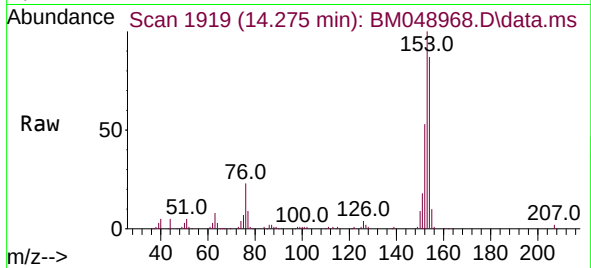
Tgt Ion:138 Resp: 16216
Ion Ratio Lower Upper
138 100
108 14.7 8.6 13.0#
92 134.4 93.8 140.6





#52
Acenaphthene
Concen: 3.905 ng/ul
RT: 14.275 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

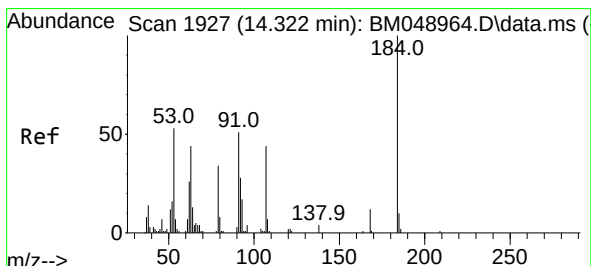
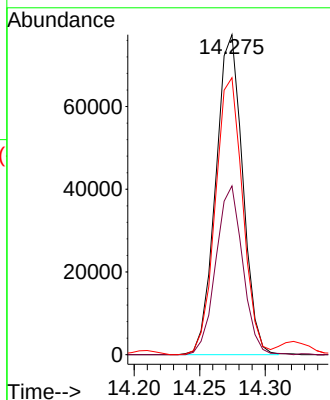
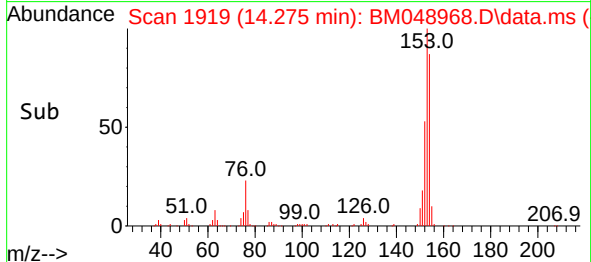
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:153 Resp: 11048
Ion Ratio Lower Upper
153 100
152 52.8 39.1 58.7
154 86.6 69.1 103.7

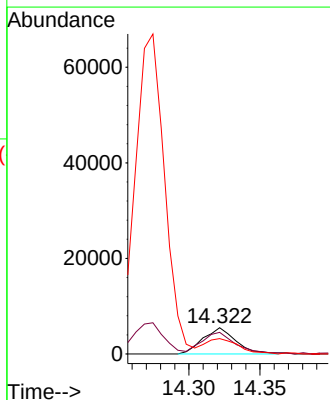
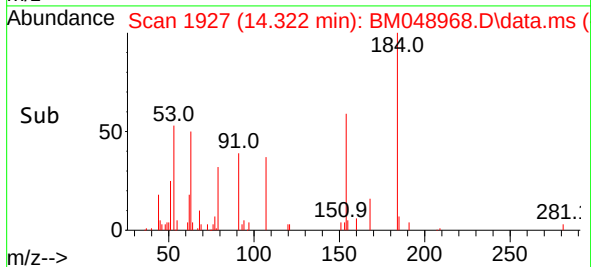
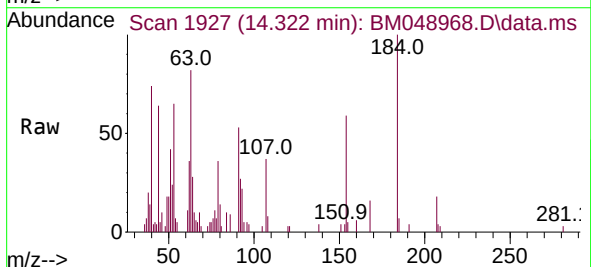
Manual Integrations
APPROVED

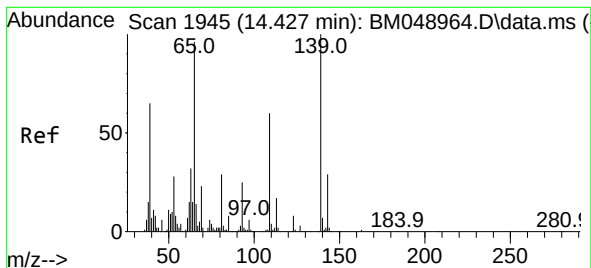
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#53
2,4-Dinitrophenol
Concen: 3.331 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

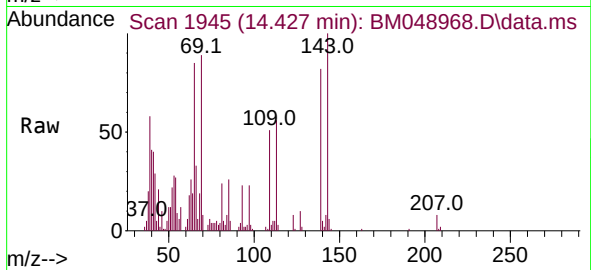
Tgt Ion:184 Resp: 8812
Ion Ratio Lower Upper
184 100
63 82.1 61.2 91.8
154 58.8 48.6 73.0





#55
4-Nitrophenol
Concen: 3.562 ng/ul m
RT: 14.427 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

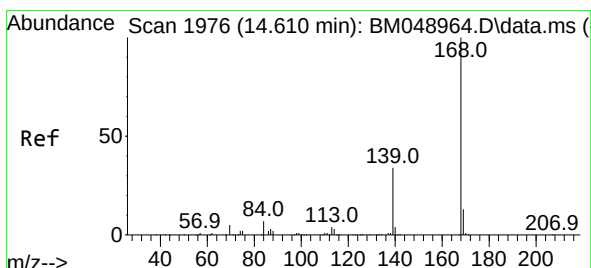
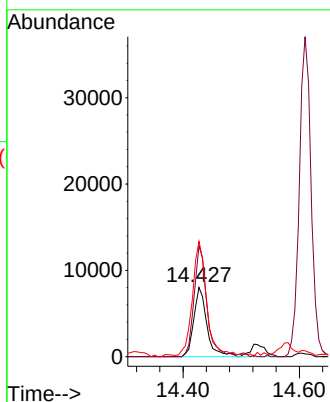
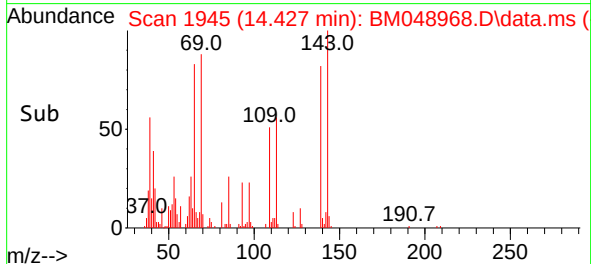
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 1501
Ion Ratio Lower Upper
109 100
139 160.2 133.8 200.6
65 166.3 132.3 198.5

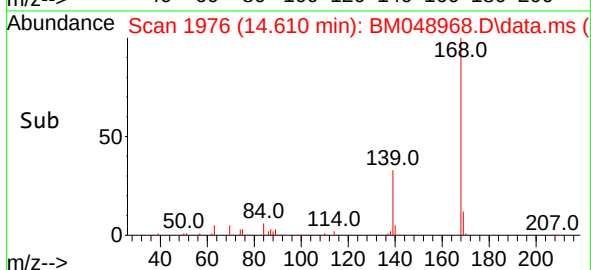
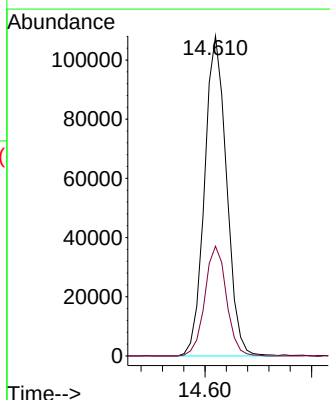
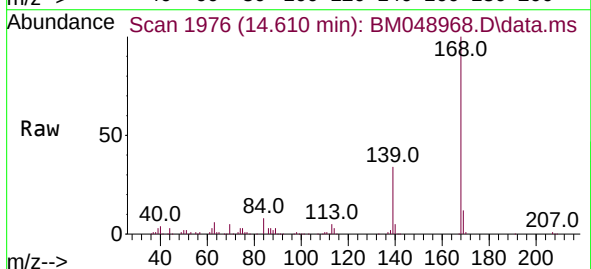
Manual Integrations
APPROVED

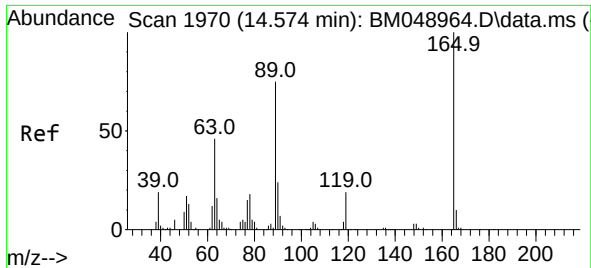
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#56
Dibenzofuran
Concen: 4.070 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:168 Resp: 155003
Ion Ratio Lower Upper
168 100
139 34.3 27.6 41.4





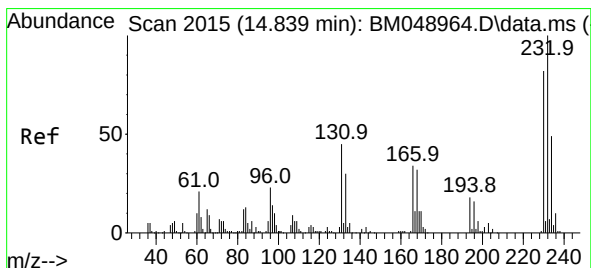
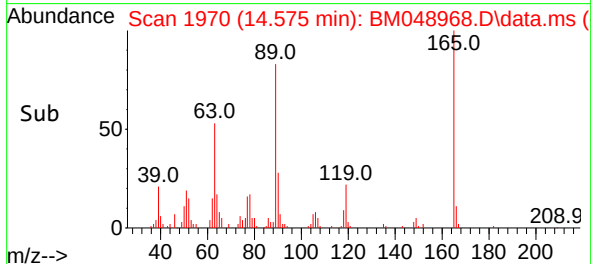
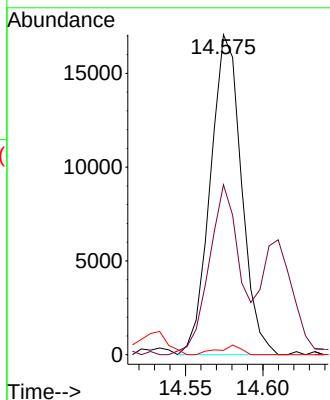
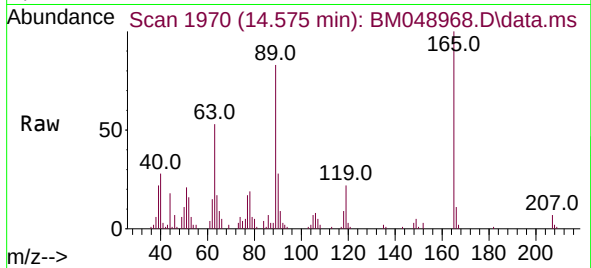
#57
2,4-Dinitrotoluene
Concen: 3.180 ng/ul
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:165 Resp: 23814
Ion Ratio Lower Upper
165 100
63 53.1 40.9 61.3
182 1.4 2.0 3.0

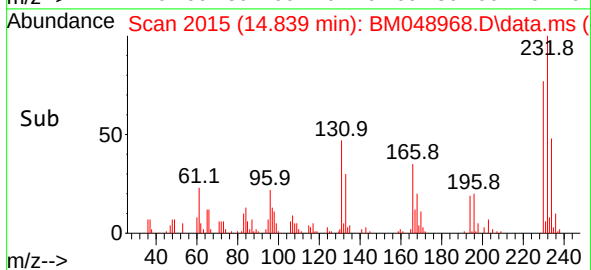
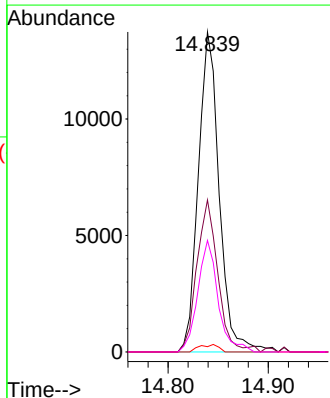
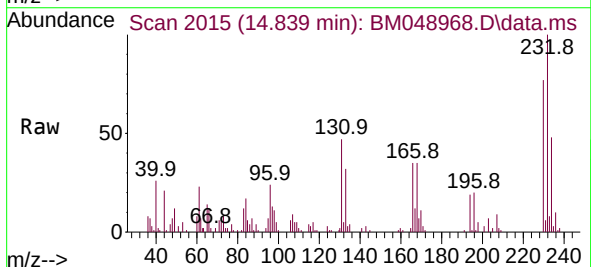
Manual Integrations
APPROVED

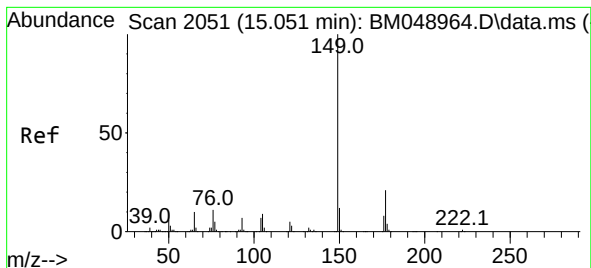
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.317 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:232 Resp: 20017
Ion Ratio Lower Upper
232 100
131 47.5 39.3 58.9
130 1.7 2.3 3.5#
166 34.9 26.2 39.2





#59

Diethylphthalate

Concen: 3.669 ng/ul

RT: 15.051 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

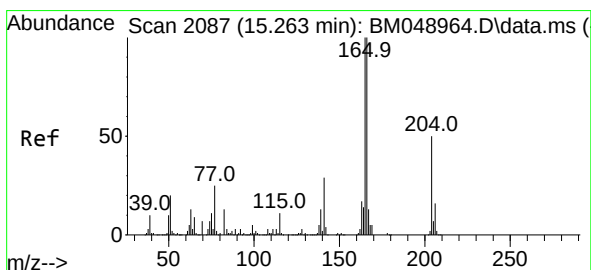
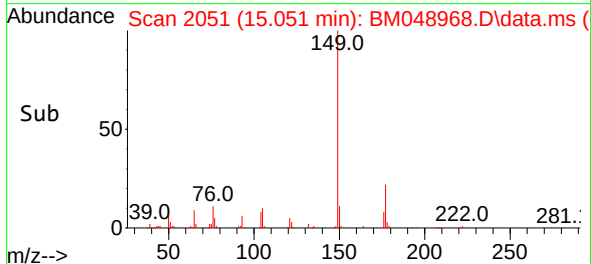
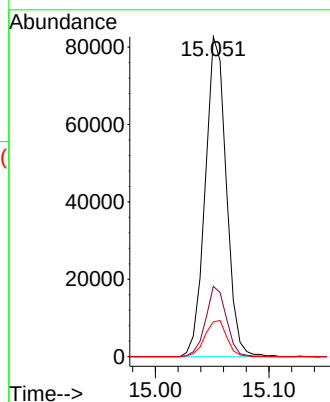
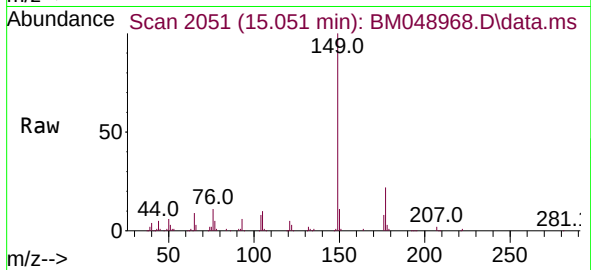
Tgt Ion:149 Resp: 106160
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.5 26.3
 150 10.8 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#61

Fluorene

Concen: 3.736 ng/ul

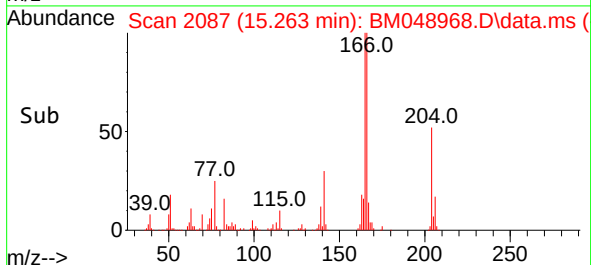
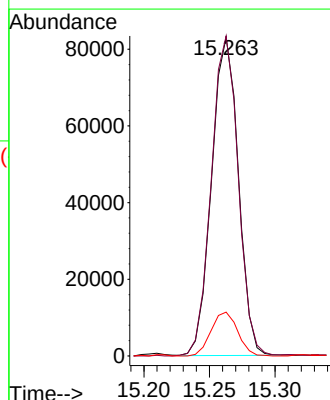
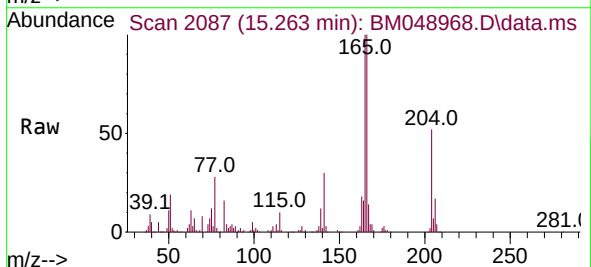
RT: 15.263 min Scan# 2087

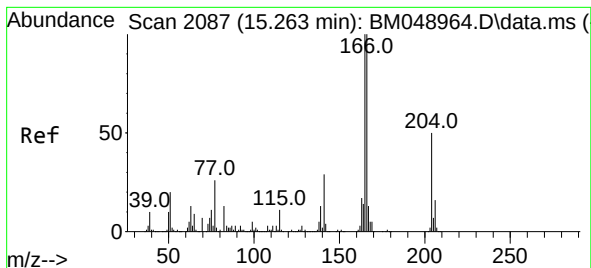
Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

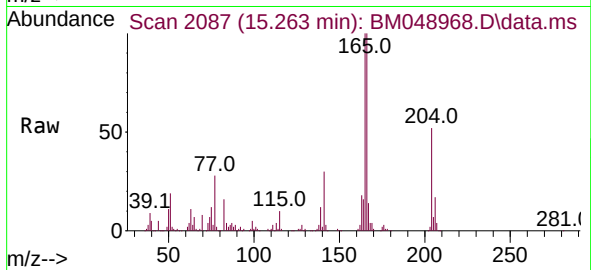
Tgt Ion:166 Resp: 117631
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.8 119.6
 167 13.8 10.6 15.8





#62
4-Chlorophenyl-phenylether
Concen: 3.643 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

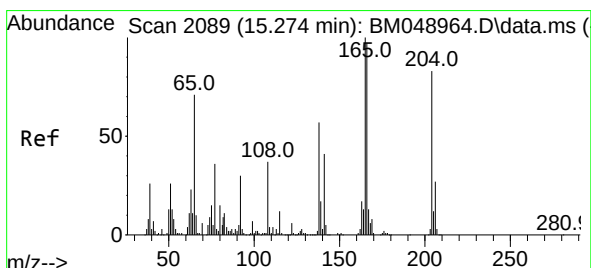
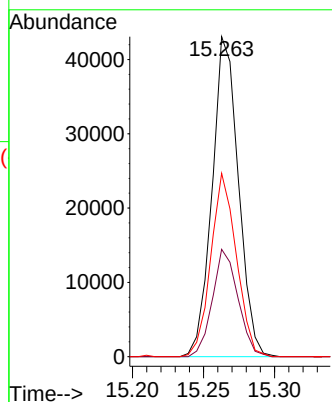
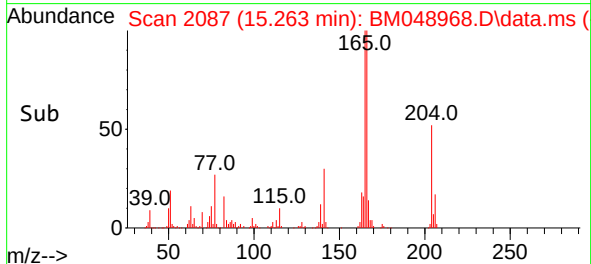
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



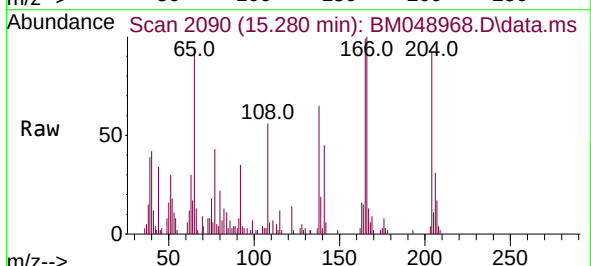
Tgt Ion:204 Resp: 5558
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 57.3 42.2 63.2

Manual Integrations
APPROVED

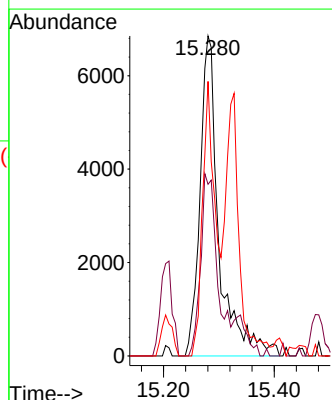
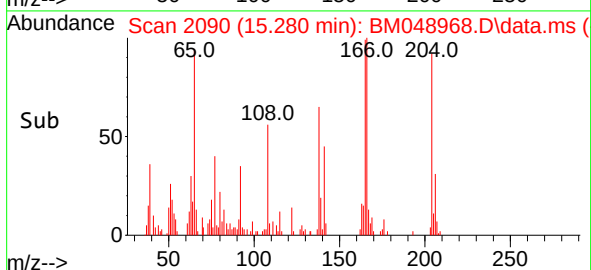
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

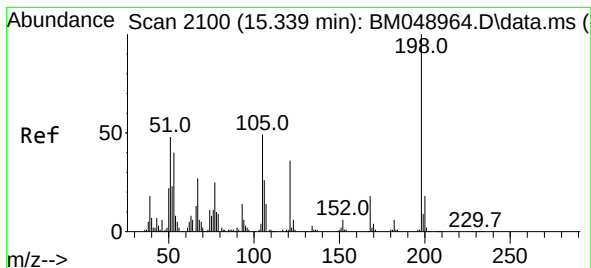


#63
4-Nitroaniline
Concen: 2.908 ng/ul m
RT: 15.280 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



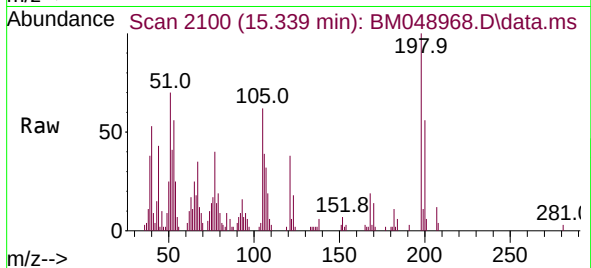
Tgt Ion:138 Resp: 16342
Ion Ratio Lower Upper
138 100
92 53.6 40.6 60.8
108 85.8 50.3 75.5#





#66
4,6-Dinitro-2-methylphenol
Concen: 2.847 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

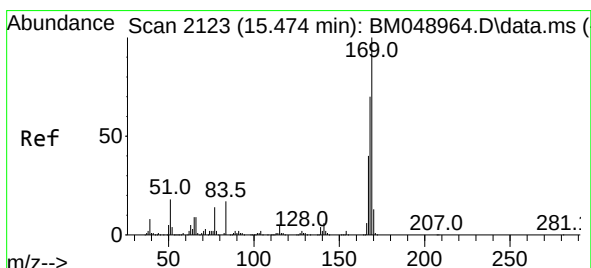
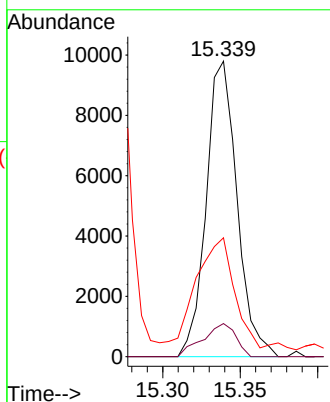
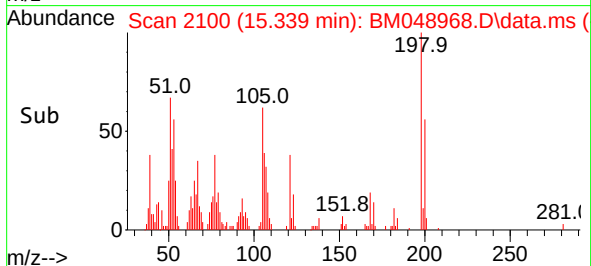
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



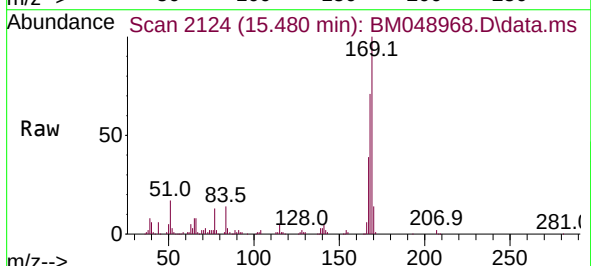
Tgt Ion:198 Resp: 1357
Ion Ratio Lower Upper
198 100
182 11.2 5.3 7.9
77 40.2 24.3 36.5

Manual Integrations
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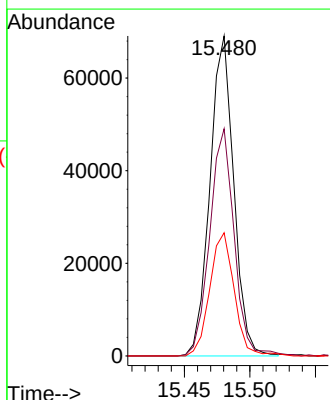
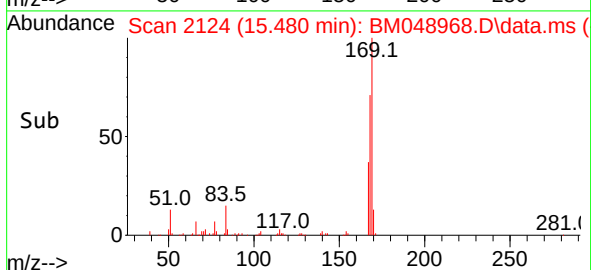
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

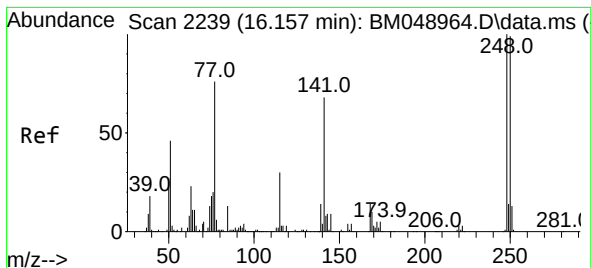


#67
N-Nitrosodiphenylamine
Concen: 3.486 ng/ul
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



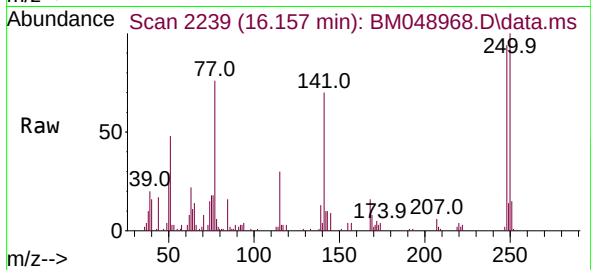
Tgt Ion:169 Resp: 87210
Ion Ratio Lower Upper
169 100
168 71.0 56.9 85.3
167 38.5 31.9 47.9





#68
4-Bromophenyl-phenylether
Concen: 3.434 ng/ul
RT: 16.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

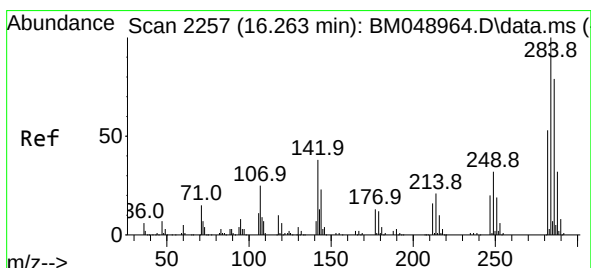
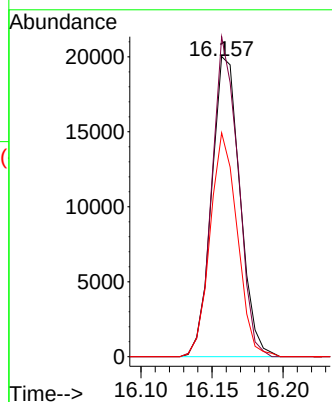
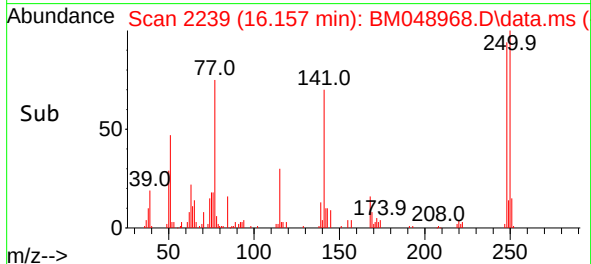
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



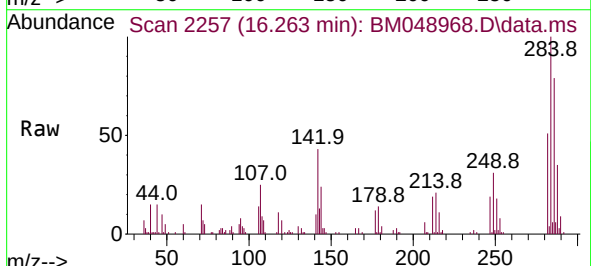
Tgt Ion:248 Resp: 2777
Ion Ratio Lower Upper
248 100
250 106.6 81.4 122.0
141 74.6 58.8 88.2

Manual Integrations
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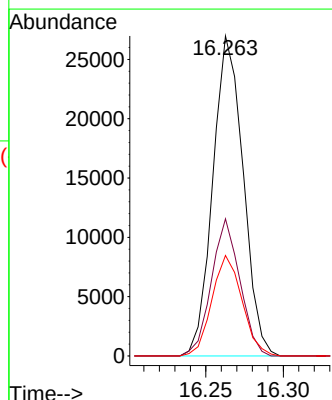
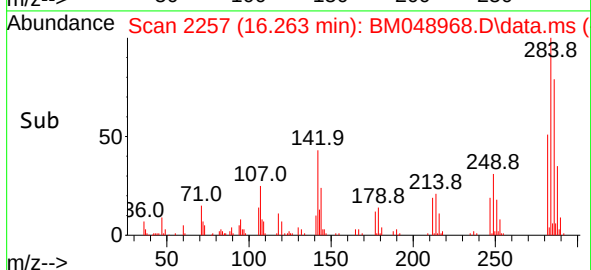
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

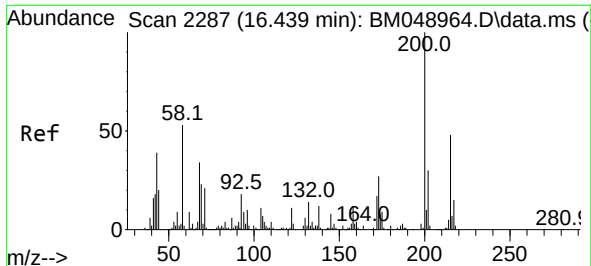


#69
Hexachlorobenzene
Concen: 3.775 ng/ul
RT: 16.263 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



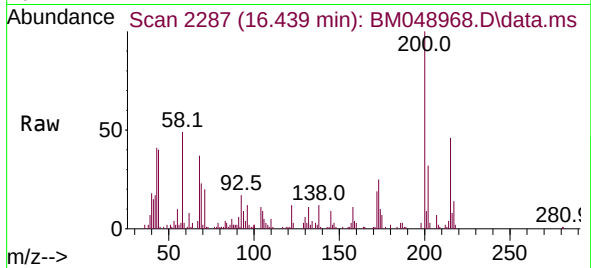
Tgt Ion:284 Resp: 36705
Ion Ratio Lower Upper
284 100
142 42.9 32.0 48.0
249 33.8 24.6 37.0





#70
Atrazine
Concen: 3.003 ng/ul m
RT: 16.439 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

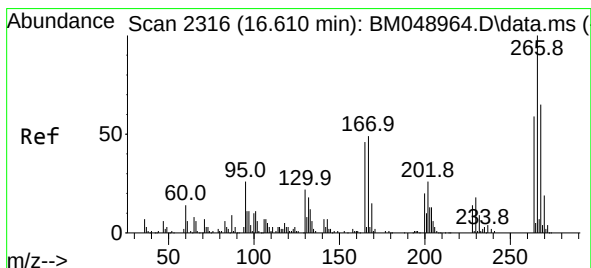
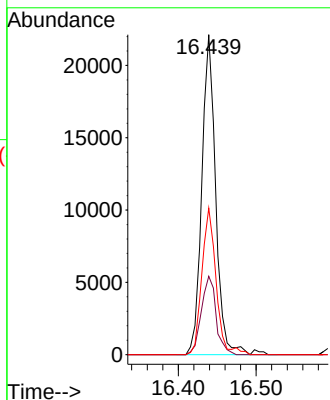
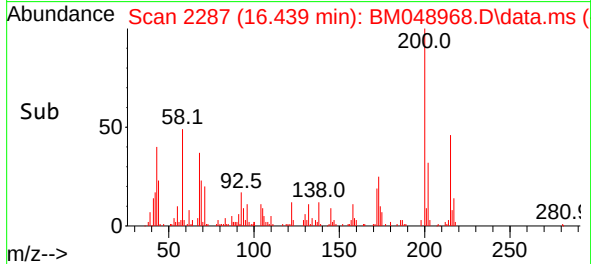
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:200 Resp: 2753
Ion Ratio Lower Upper
200 100
173 24.5 20.7 31.1
215 45.8 37.7 56.5

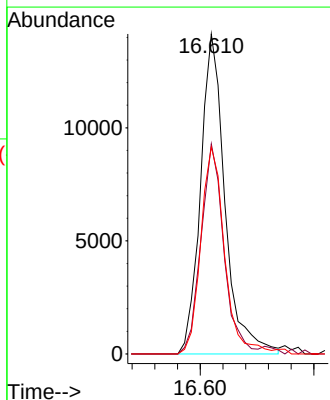
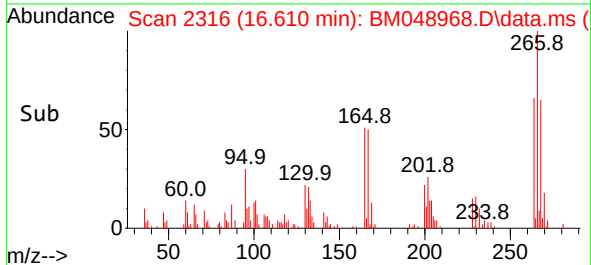
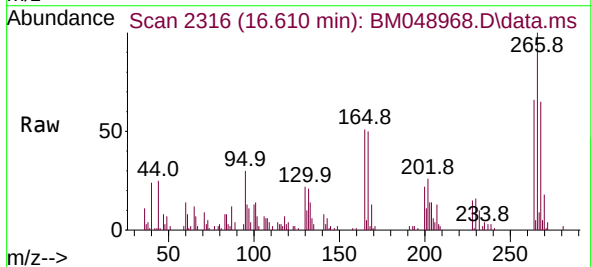
Manual Integrations
APPROVED

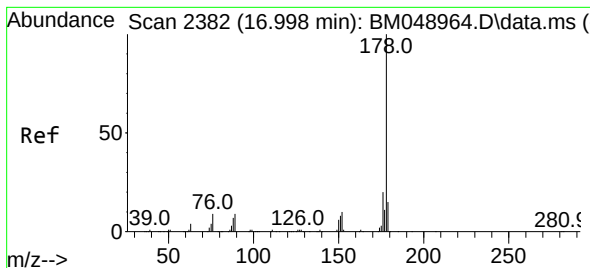
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#71
Pentachlorophenol
Concen: 3.518 ng/ul
RT: 16.610 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

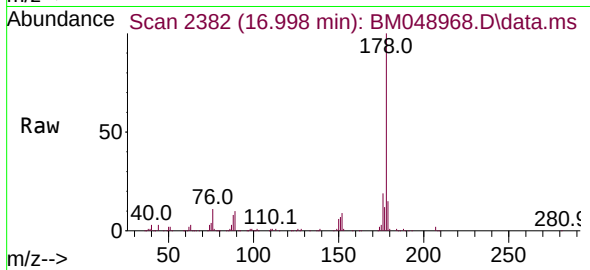
Tgt Ion:266 Resp: 21178
Ion Ratio Lower Upper
266 100
264 65.6 48.4 72.6
268 64.7 52.0 78.0





#72
Phenanthrene
Concen: 3.772 ng/ul
RT: 16.998 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

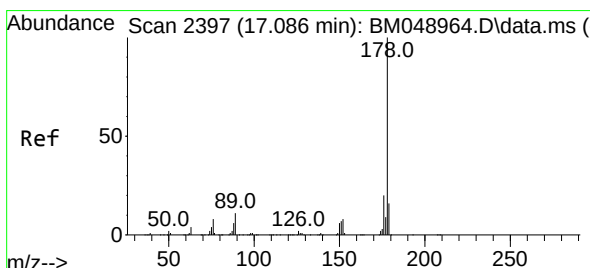
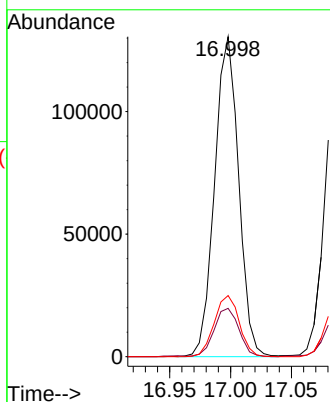
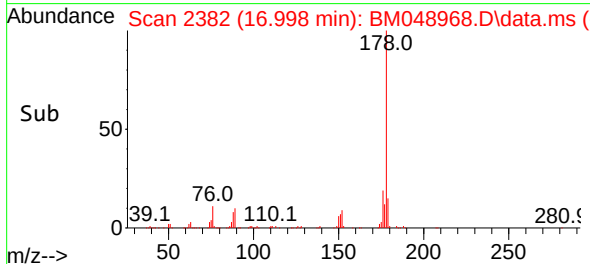
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:178 Resp: 179174
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.1 16.2 24.2

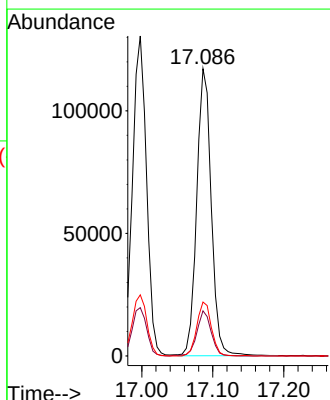
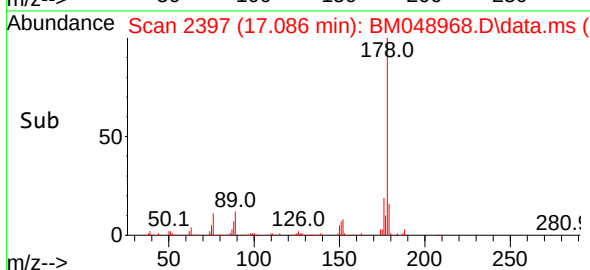
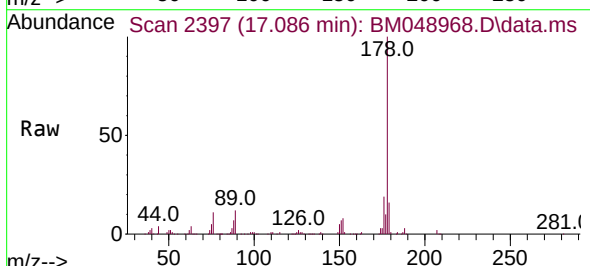
Manual Integrations
APPROVED

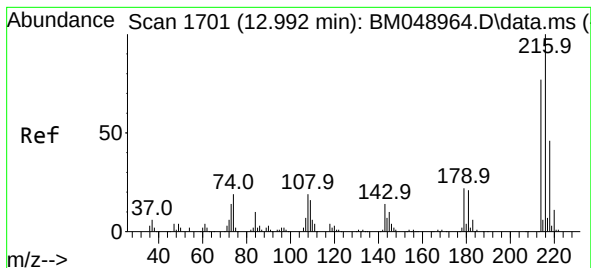
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#74
Anthracene
Concen: 3.487 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

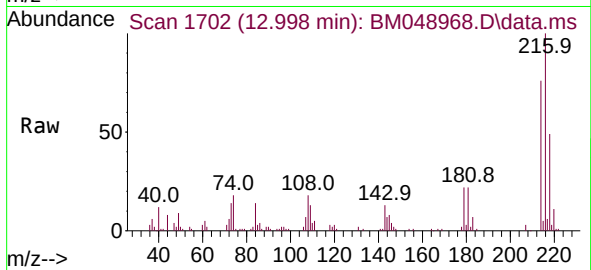
Tgt Ion:178 Resp: 166775
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.8 15.4 23.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.679 ng/uL
RT: 12.998 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

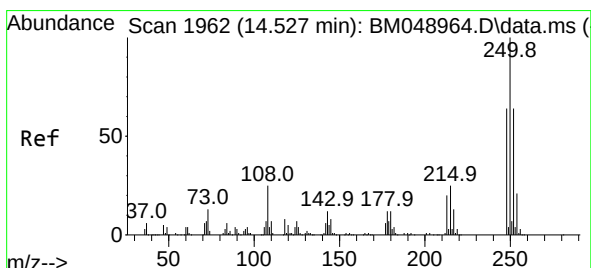
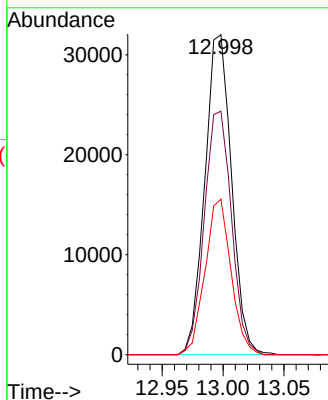
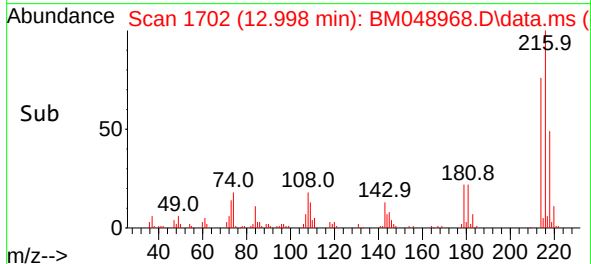
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



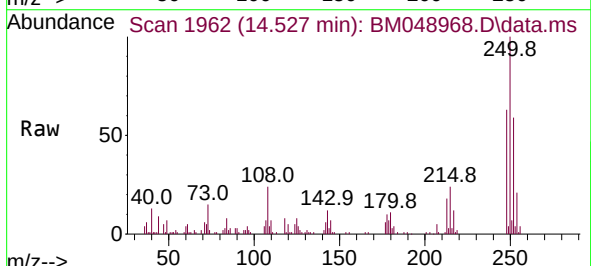
Tgt Ion:216 Resp: 4898
Ion Ratio Lower Upper
216 100
214 76.1 63.7 95.5
218 48.6 37.9 56.9

Manual Integrations
APPROVED

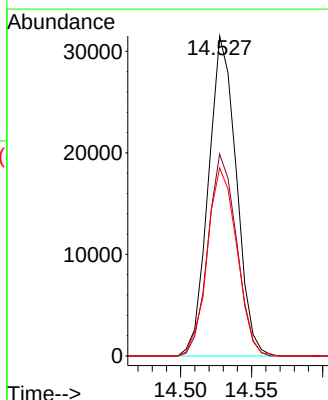
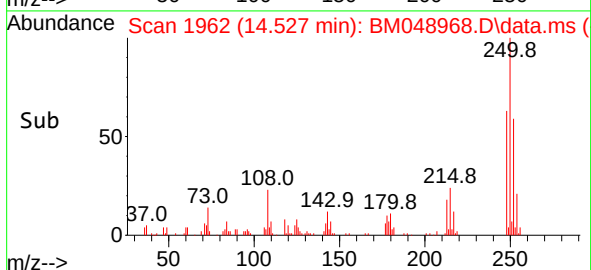
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

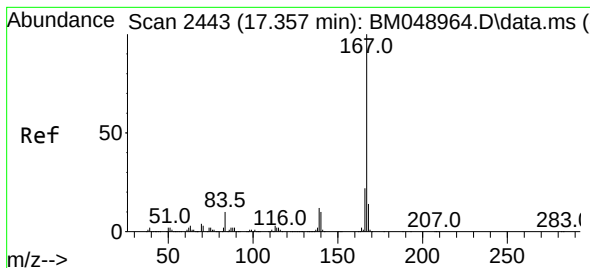


#76
Pentachlorobenzene
Concen: 3.338 ng/uL
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



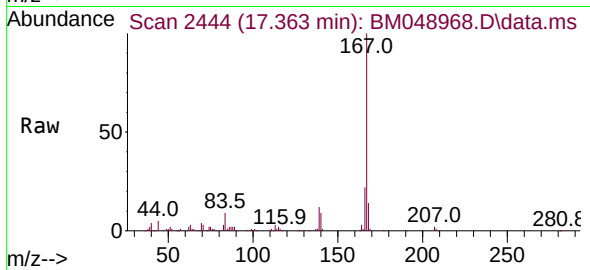
Tgt Ion:250 Resp: 43102
Ion Ratio Lower Upper
250 100
248 63.1 49.0 73.4
252 58.7 52.2 78.4





#77
Carbazole
Concen: 3.237 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

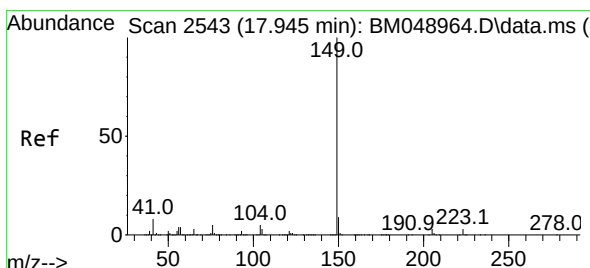
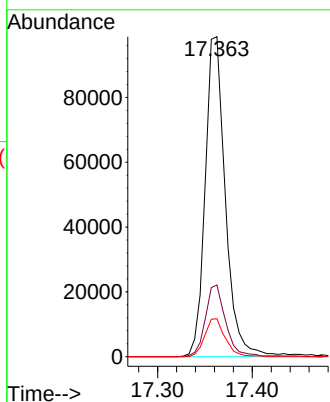
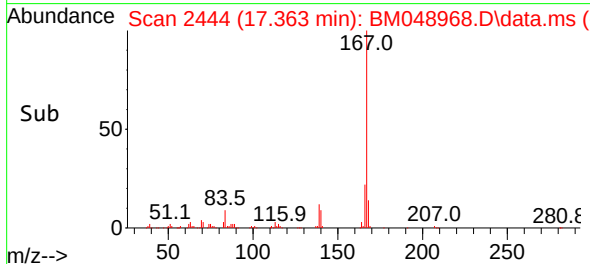
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



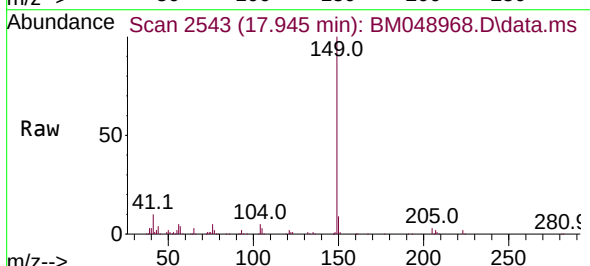
Tgt Ion:167 Resp: 146000
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.2
139 11.8 9.7 14.5

Manual Integrations
APPROVED

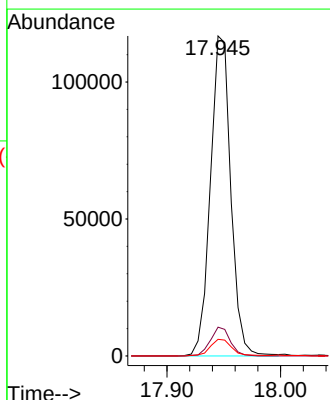
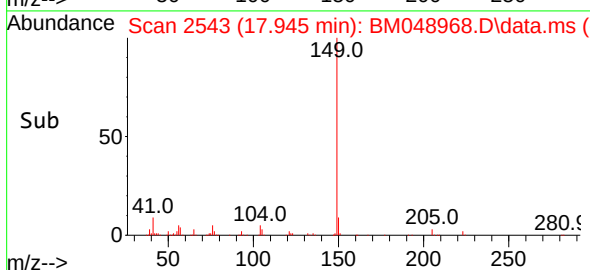
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

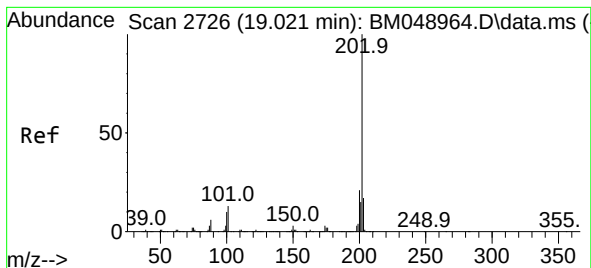


#78
Di-n-butylphthalate
Concen: 3.220 ng/ul
RT: 17.945 min Scan# 2543
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21



Tgt Ion:149 Resp: 145898
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 3.902 ng/u1

RT: 19.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

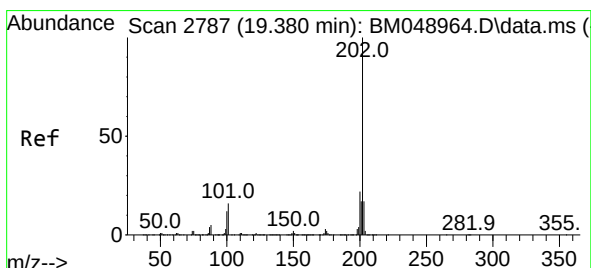
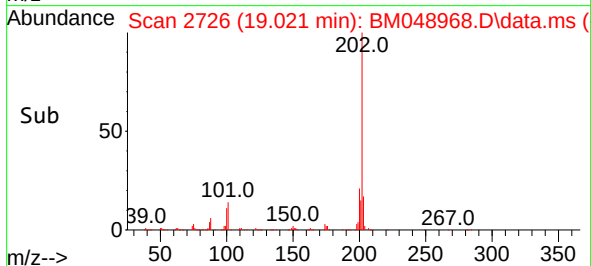
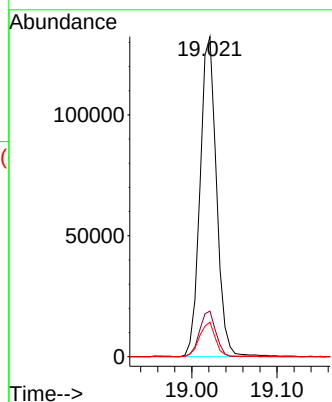
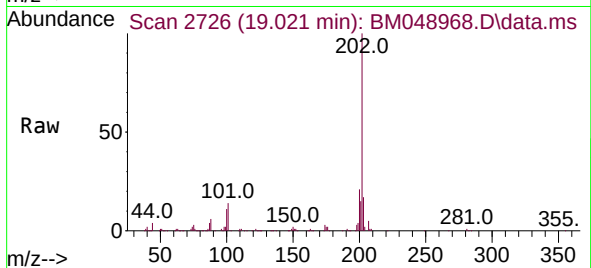
Tgt Ion:202 Resp: 177639
Ion Ratio Lower Upper
202 100
101 14.2 10.2 15.4
100 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#82

Pyrene

Concen: 4.044 ng/u1

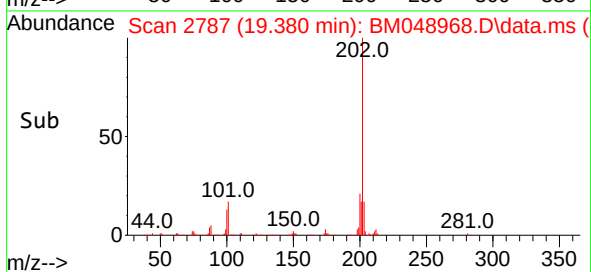
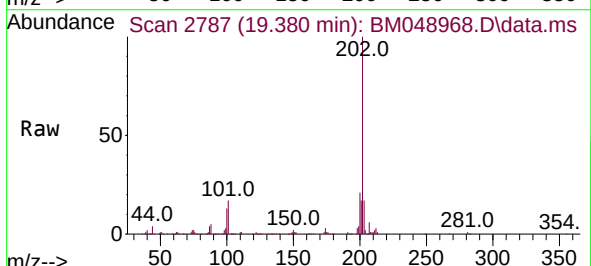
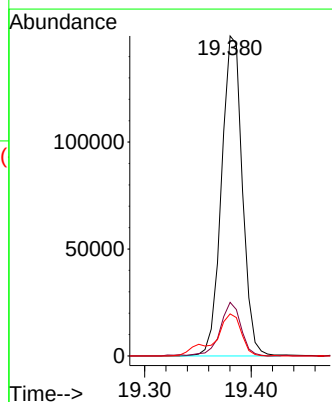
RT: 19.380 min Scan# 2787

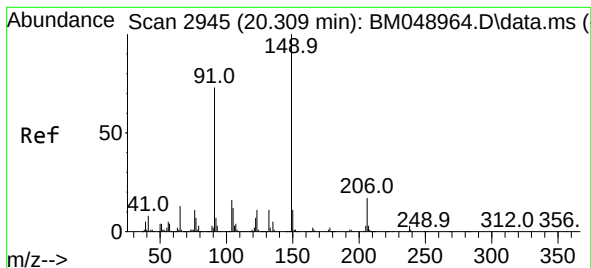
Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Tgt Ion:202 Resp: 203120
Ion Ratio Lower Upper
202 100
101 16.7 11.7 17.5
100 13.1 9.4 14.2





#83

Butylbenzylphthalate

Concen: 3.267 ng/ul

RT: 20.309 min Scan# 2945

Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

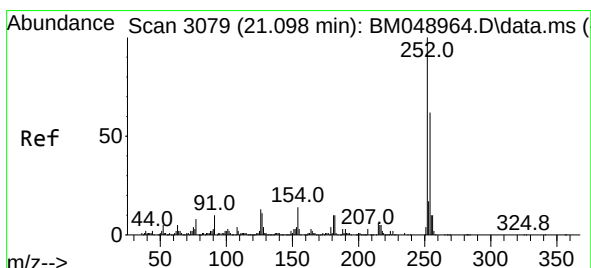
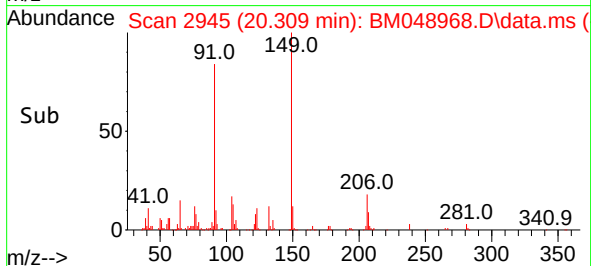
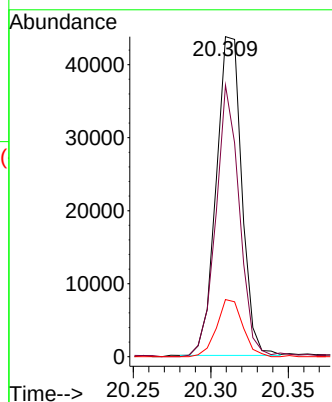
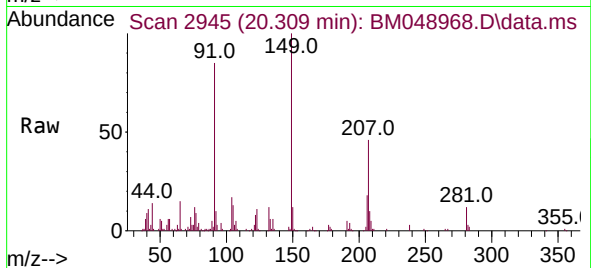
Tgt Ion:	149	Resp:	50080
Ion Ratio	Lower	Upper	
149	100		
91	84.9	56.2	84.4
206	17.9	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#84

3,3'-Dichlorobenzidine

Concen: 2.103 ng/ul

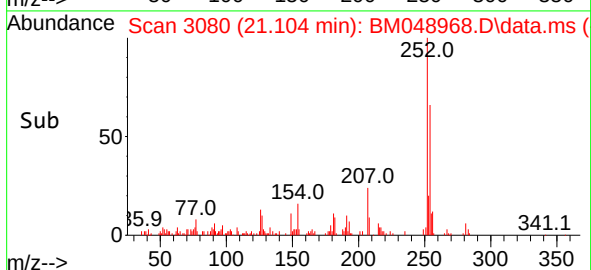
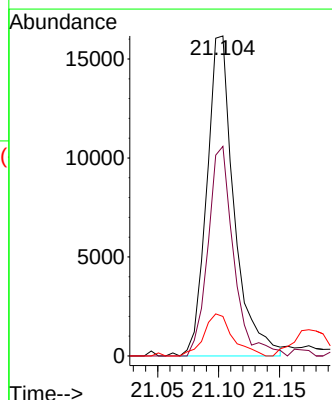
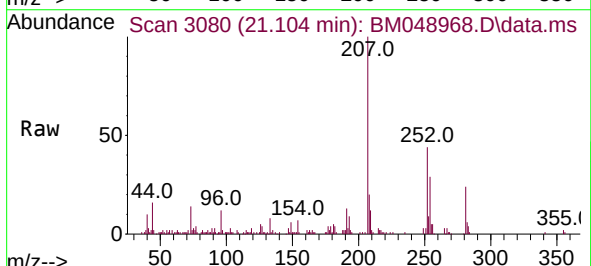
RT: 21.104 min Scan# 3080

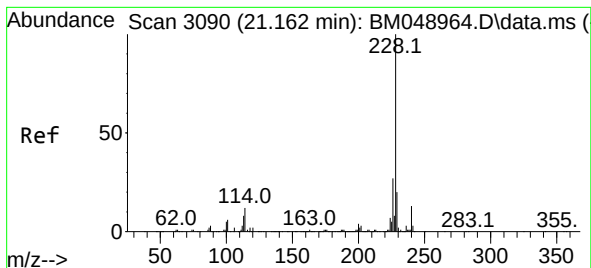
Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Tgt Ion:	252	Resp:	25178
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.9	77.9
126	12.3	9.4	14.2





#85

Benzo(a)anthracene

Concen: 3.905 ng/ul

RT: 21.162 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

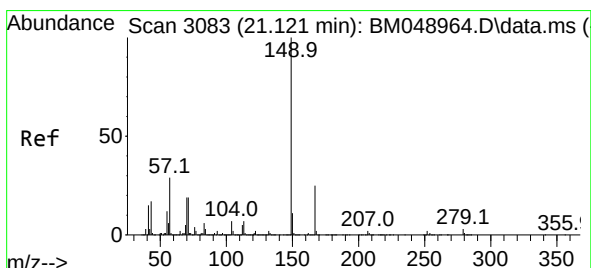
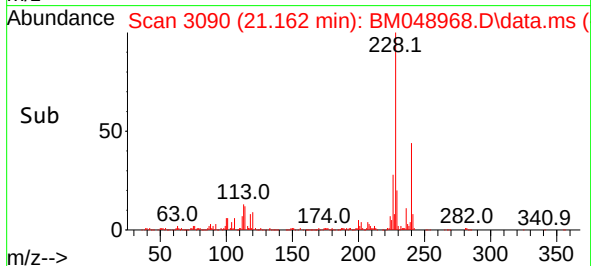
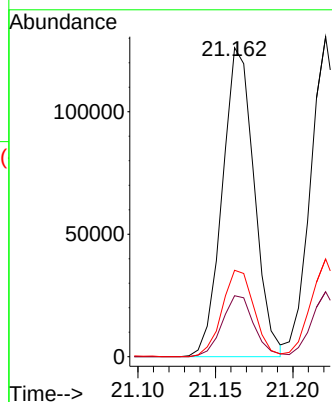
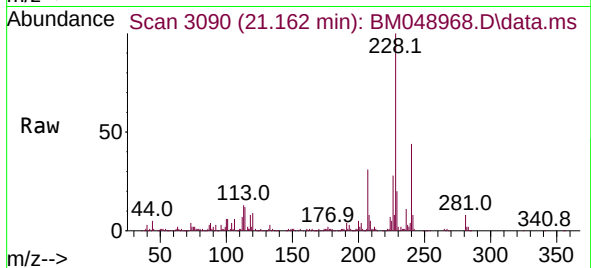
Tgt Ion:	228	Resp:	180604
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.7	23.5
226	28.0	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.181 ng/ul

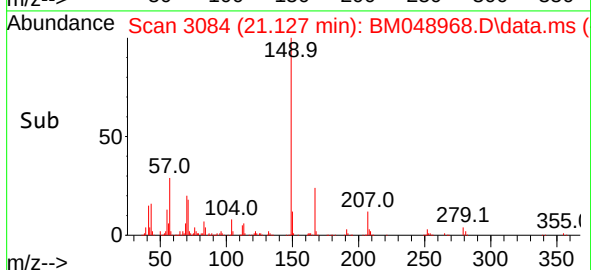
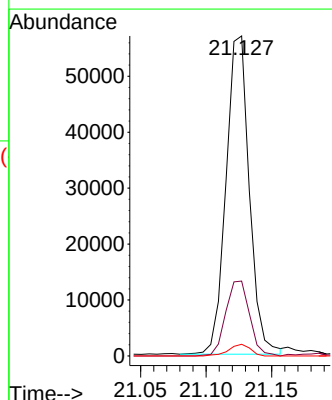
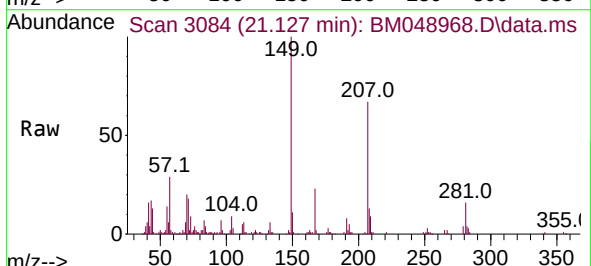
RT: 21.127 min Scan# 3084

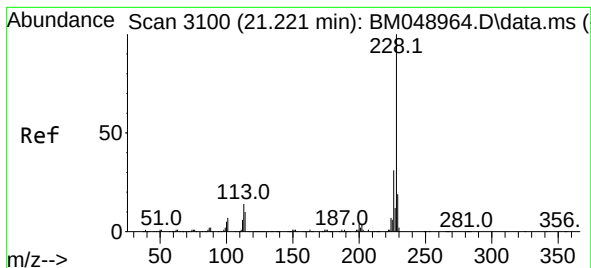
Delta R.T. 0.000 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Tgt Ion:	149	Resp:	70437
Ion Ratio	Lower	Upper	
149	100		
167	23.4	20.6	31.0
279	3.6	2.5	3.7





#87

Chrysene

Concen: 4.115 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:228 Resp: 179164

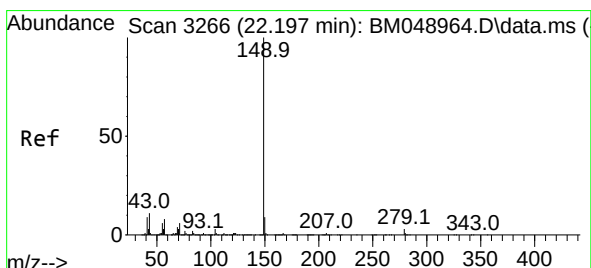
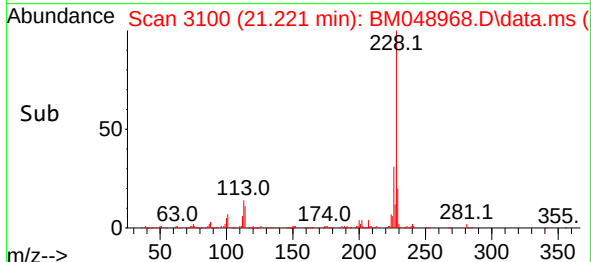
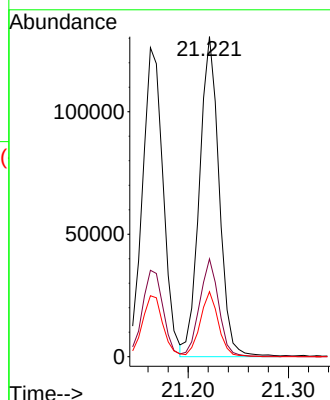
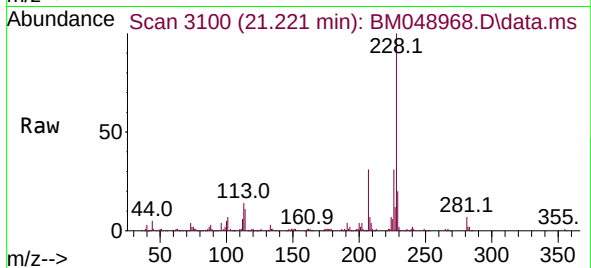
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#89

Di-n-octyl phthalate

Concen: 2.211 ng/ul

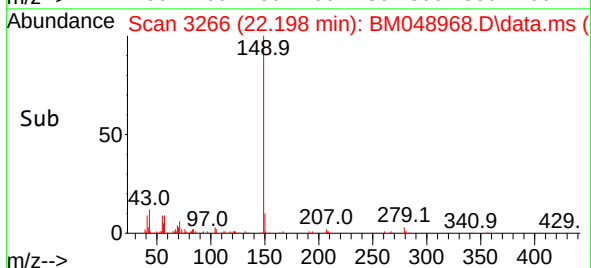
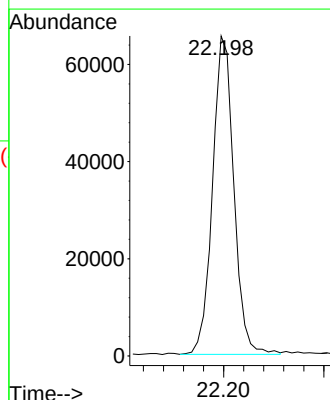
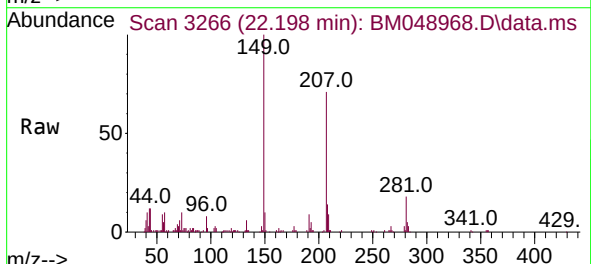
RT: 22.198 min Scan# 3266

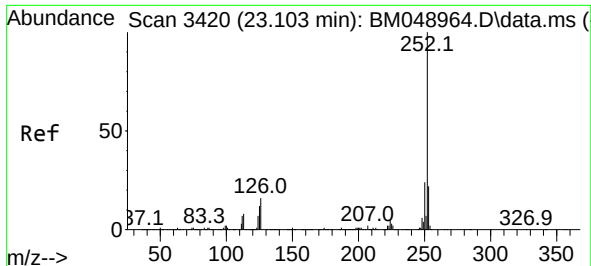
Delta R.T. -0.006 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

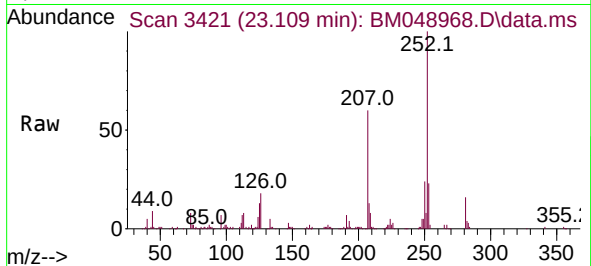
Tgt Ion:149 Resp: 96486





#90
Benzo(b)fluoranthene
Concen: 3.583 ng/u1
RT: 23.109 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

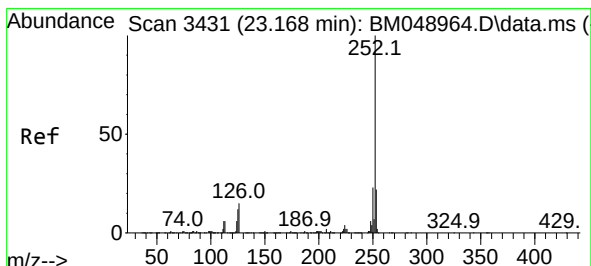
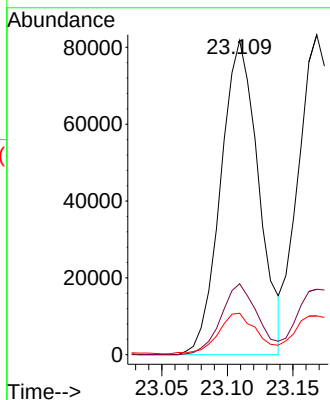
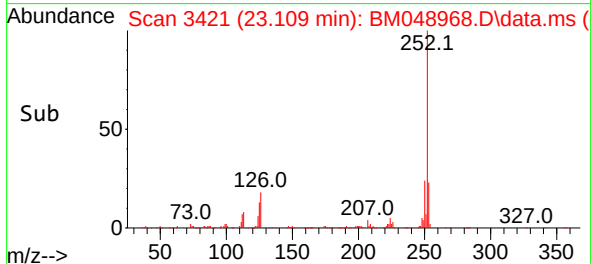
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:252 Resp: 164464
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 13.2 9.8 14.8

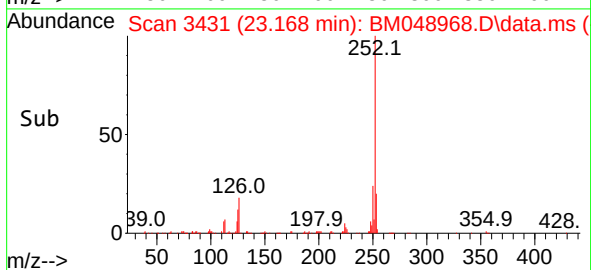
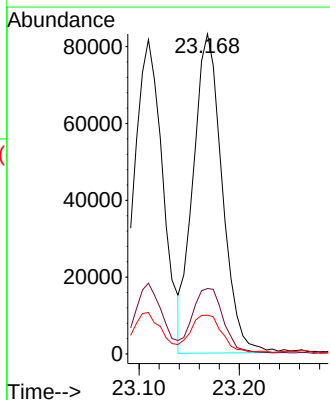
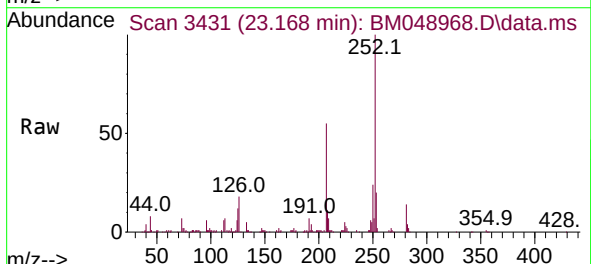
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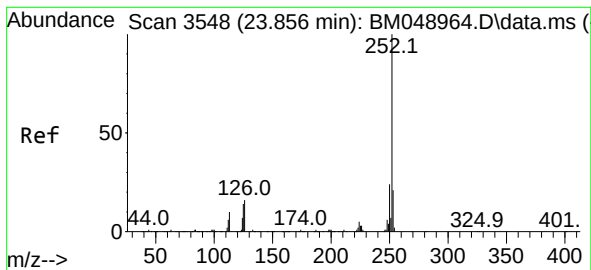
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#91
Benzo(k)fluoranthene
Concen: 3.651 ng/u1
RT: 23.168 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

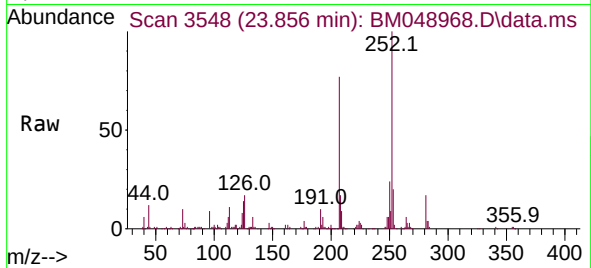
Tgt Ion:252 Resp: 167374
Ion Ratio Lower Upper
252 100
253 20.5 17.2 25.8
125 12.1 10.1 15.1





#93
Benzo(a)pyrene
Concen: 3.496 ng/ul
RT: 23.856 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

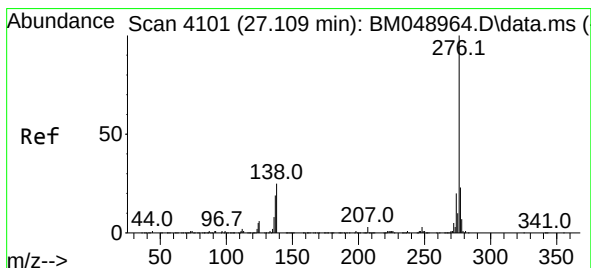
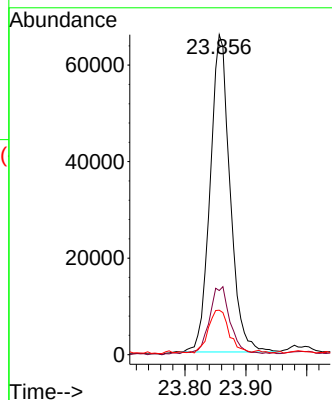
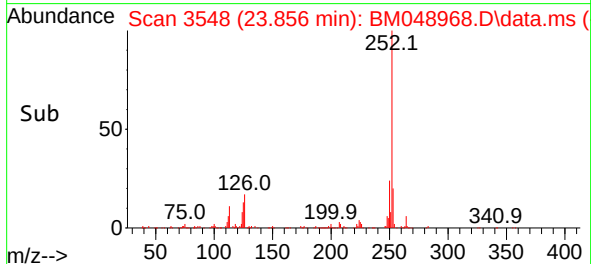
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:252 Resp: 149178
Ion Ratio Lower Upper
252 100
253 20.1 17.8 26.8
125 13.9 11.0 16.6

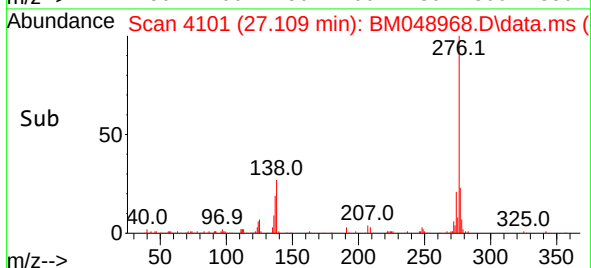
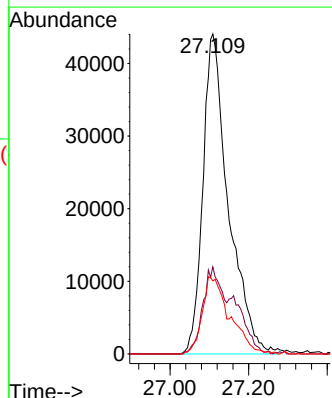
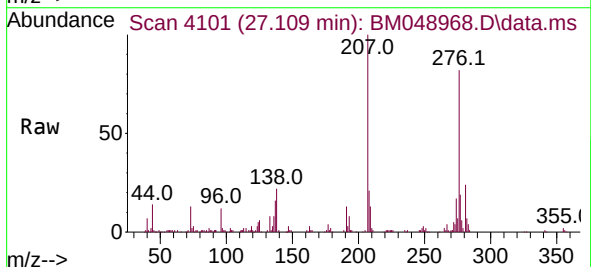
Manual Integrations
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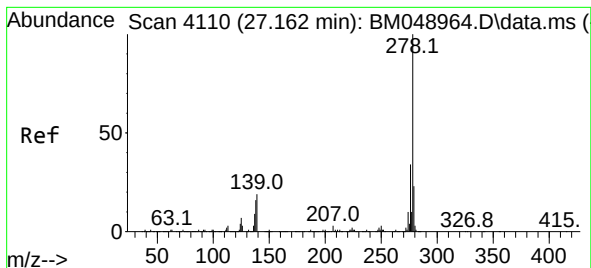
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.780 ng/ul m
RT: 27.109 min Scan# 4101
Delta R.T. -0.017 min
Lab File: BM048968.D
Acq: 12 Dec 2024 12:21

Tgt Ion:276 Resp: 199287
Ion Ratio Lower Upper
276 100
138 27.2 20.0 30.0
277 22.9 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 3.797 ng/ul m

RT: 27.174 min Scan# 4112

Delta R.T. -0.012 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2024-07

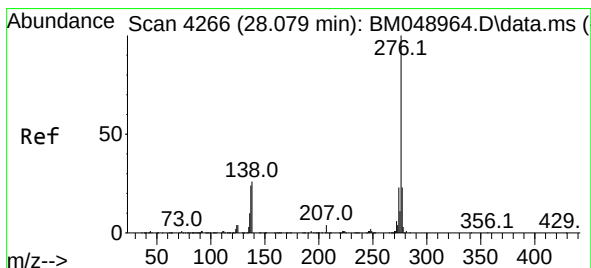
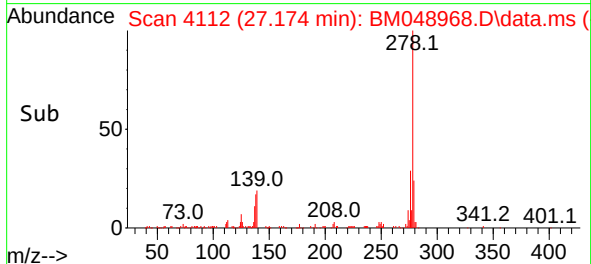
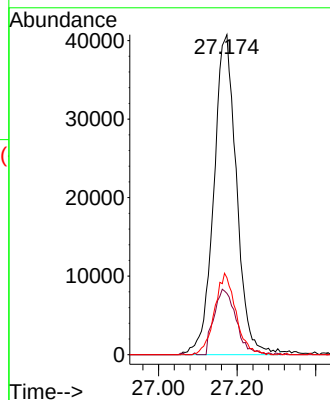
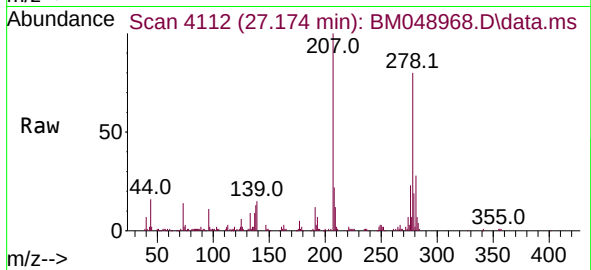
Tgt Ion:	278	Resp:	16356
Ion Ratio	Lower	Upper	
278	100		
139	19.1	15.2	22.8
279	24.1	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#96

Benzo(g,h,i)perylene

Concen: 3.971 ng/ul m

RT: 28.074 min Scan# 4265

Delta R.T. -0.012 min

Lab File: BM048968.D

Acq: 12 Dec 2024 12:21

Tgt Ion:	276	Resp:	160696
Ion Ratio	Lower	Upper	
276	100		
138	24.6	22.2	33.2
277	20.8	18.9	28.3

