

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017750.D
 Acq On : 23 Oct 2023 13:08
 Operator : MA/JU
 Sample : 04696-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-08

Quant Time: Oct 23 14:40:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	100630	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	396641	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	237446	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	500993	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.527	240	423335	20.000	ng/u1	0.01
88) Perylene-d12	24.086	264	409903	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	16712	6.178	ng/uL	0.00
4) Pyridine-d5	3.693	84	182597	25.783	ng/u1	0.00
7) Phenol-d5	7.052	99	203591	24.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	138726	26.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	168858	24.723	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	150458	22.880	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	74989	23.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	81225	22.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	147418	21.162	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	186199	20.425	ng/u1	0.01
46) Dimethylphthalate-d6	14.010	166	461959	23.176	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	518360	23.319	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	41296	14.540	ng/u1	0.02
60) Fluorene-d10	15.598	176	407643	23.658	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	55113	16.701	ng/u1	0.01
73) Anthracene-d10	17.486	188	572669	22.368	ng/u1	0.01
81) Pyrene-d10	19.745	212	675267	25.442	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.915	264	587350	25.727	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	2970	1.035	ng/uL#	83
5) Pyridine	3.717	79	29604	4.080	ng/u1#	46
6) Benzaldehyde	7.063	77	22980	5.101	ng/u1	92
8) Phenol	7.081	94	39481	4.782	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.334	93	34060	4.945	ng/u1	99
12) 2-Chlorophenol	7.446	128	32350	4.716	ng/u1	98
13) 2-Methylphenol	8.352	108	25362	4.070	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.410	45	46004m	5.426	ng/u1	
16) Acetophenone	8.752	105	48308	4.673	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.716	70	24460	4.988	ng/u1	95
18) 4-Methylphenol	8.681	108	29066	4.392	ng/u1	95
19) Hexachloroethane	8.957	117	13741	4.360	ng/u1#	80
22) Nitrobenzene	9.146	77	40331	5.040	ng/u1	95
23) Isophorone	9.657	82	65713	4.592	ng/u1	99
25) 2-Nitrophenol	9.852	139	16505	4.354	ng/u1#	88
26) 2,4-Dimethylphenol	9.899	107	27541	3.702	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.152	93	42843	4.840	ng/u1	97
29) 2,4-Dichlorophenol	10.375	162	30503	4.579	ng/u1	96
30) Naphthalene	10.781	128	108410	4.749	ng/u1	97
32) 4-Chloroaniline	10.928	127	35863	4.108	ng/u1	96
33) Hexachlorobutadiene	10.999	225	20926	3.869	ng/u1	98
34) Caprolactam	11.769	113	9854	5.745	ng/u1	86
35) 4-Chloro-3-methylphenol	12.046	107	25499	4.066	ng/u1	94
36) 2-Methylnaphthalene	12.398	142	67857	4.401	ng/u1	99

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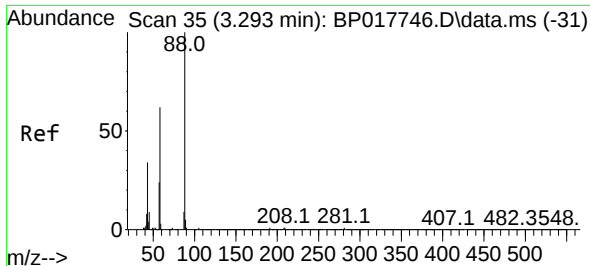
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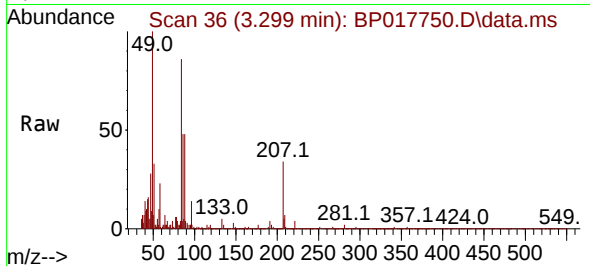
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	57781	3.664	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	37465	4.264	ng/ul#	98
40) Hexachlorocyclopentadiene	12.687	237	26714	5.292	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	20344	3.858	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	20344	3.732	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	93927	4.801	ng/ul	96
44) 2-Chloronaphthalene	13.469	162	75198	4.755	ng/ul	98
45) 2-Nitroaniline	13.728	65	15204m	4.231	ng/ul	
47) Dimethylphthalate	14.057	163	93894	4.780	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	12733	3.521	ng/ul#	80
50) Acenaphthylene	14.316	152	118871	4.774	ng/ul	99
51) 3-Nitroaniline	14.563	138	11051m	3.213	ng/ul	
52) Acenaphthene	14.657	153	81135	4.820	ng/ul	98
53) 2,4-Dinitrophenol	14.775	184	10073	4.963	ng/ul	89
55) 4-Nitrophenol	14.863	109	10823	3.600	ng/ul	92
56) Dibenzofuran	14.998	168	110941	4.694	ng/ul	94
57) 2,4-Dinitrotoluene	15.004	165	20272	3.799	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.222	232	17985	3.718	ng/ul#	88
59) Diethylphthalate	15.422	149	86910	4.582	ng/ul	98
61) Fluorene	15.651	166	92630	4.772	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	45168	4.377	ng/ul	94
63) 4-Nitroaniline	15.739	138	10548m	3.401	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	12895	3.648	ng/ul#	66
67) N-Nitrosodiphenylamine	15.875	169	72106	4.751	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	24058	4.104	ng/ul#	89
69) Hexachlorobenzene	16.634	284	27620	4.104	ng/ul#	85
70) Atrazine	16.845	200	16980	3.044	ng/ul	94
71) Pentachlorophenol	17.016	266	21541	5.324	ng/ul	97
72) Phenanthrene	17.428	178	143342	4.884	ng/ul	98
74) Anthracene	17.522	178	136810	4.603	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	28676	3.411	ng/ul	98
76) Pentachlorobenzene	14.887	250	29263	3.592	ng/ul	96
77) Carbazole	17.822	167	101464	4.039	ng/ul	98
78) Di-n-butylphthalate	18.328	149	121804	4.176	ng/ul	97
80) Fluoranthene	19.416	202	151412	4.965	ng/ul#	96
82) Pyrene	19.775	202	168866	5.227	ng/ul#	96
83) Butylbenzylphthalate	20.645	149	45098	4.059	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	32312	3.378	ng/ul#	94
85) Benzo(a)anthracene	21.510	228	146138	4.541	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	61020	3.934	ng/ul#	99
87) Chrysene	21.569	228	144505	4.748	ng/ul	98
89) Di-n-octyl phthalate	22.369	149	113141	4.358	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	135814m	4.868	ng/ul	
91) Benzo(k)fluoranthene	23.345	252	134511	4.758	ng/ul#	97
93) Benzo(a)pyrene	23.968	252	126905	4.846	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.809	276	144139	4.618	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.839	278	117109	4.497	ng/ul#	95
96) Benzo(g,h,i)perylene	27.656	276	120511	4.792	ng/ul#	92

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



#2
1,4-Dioxane
Concen: 1.035 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

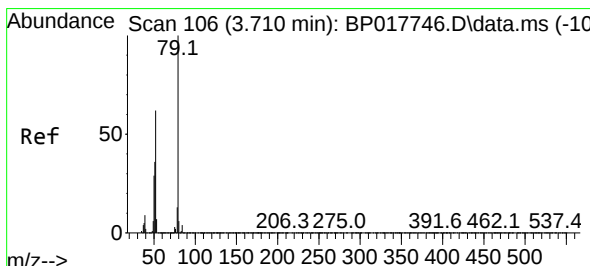
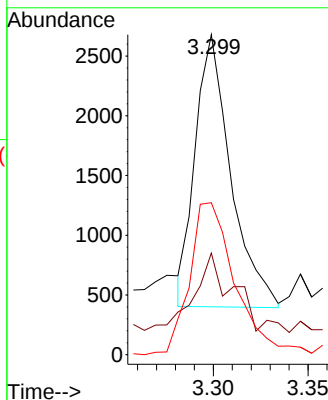
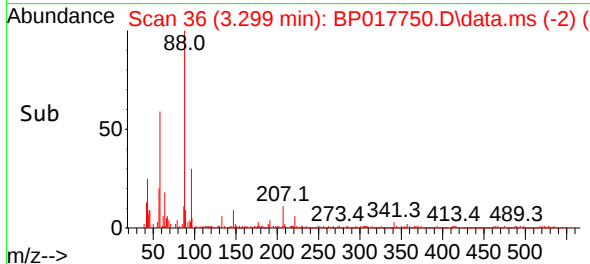
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 2970
Ion Ratio Lower Upper
88 100
43 31.8 24.4 36.6
58 47.5 53.0 79.6

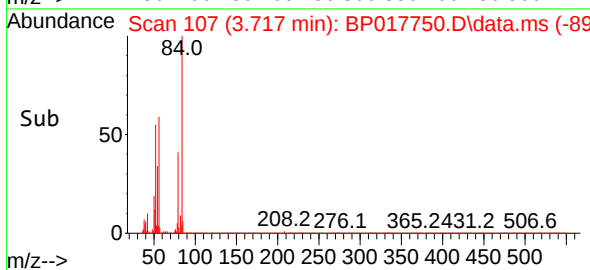
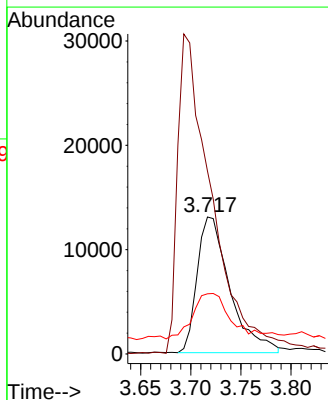
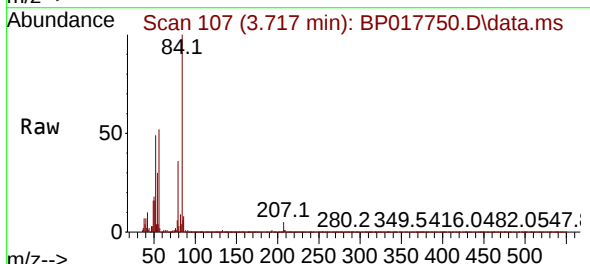
Manual Integrations
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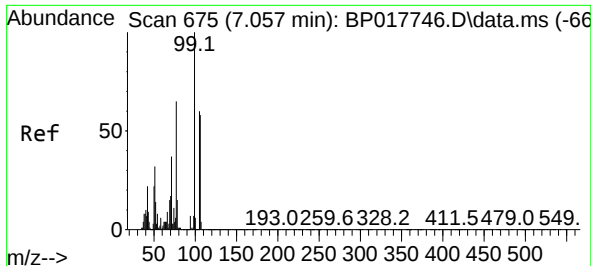
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#5
Pyridine
Concen: 4.080 ng/uL
RT: 3.717 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

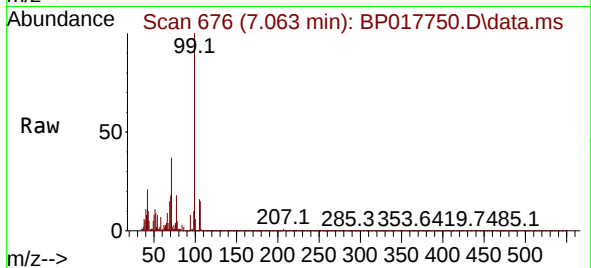
Tgt Ion: 79 Resp: 29604
Ion Ratio Lower Upper
79 100
52 133.5 57.2 85.8#
51 43.9 28.6 42.8#





#6
Benzaldehyde
Concen: 5.101 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

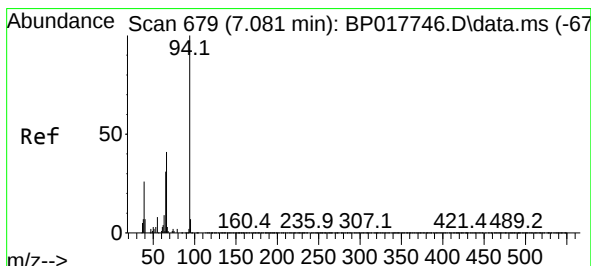
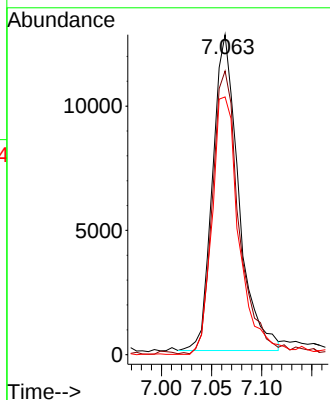
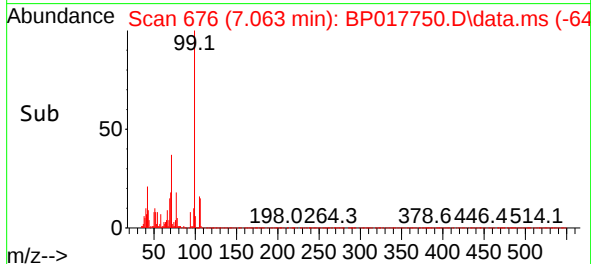
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 22980
Ion Ratio Lower Upper
77 100
105 88.7 75.4 113.2
106 80.6 72.3 108.5

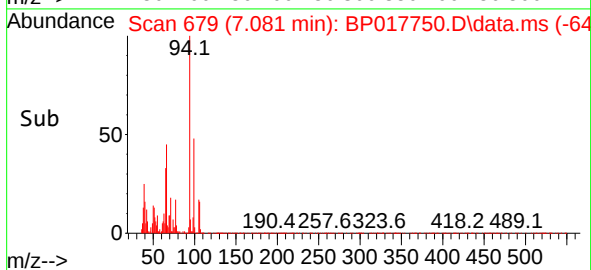
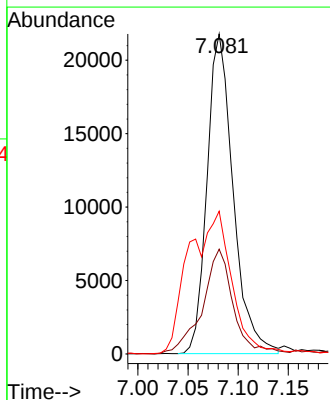
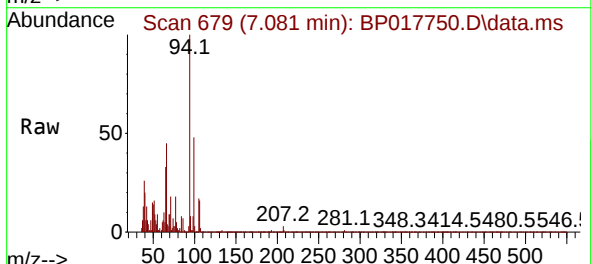
Manual Integrations
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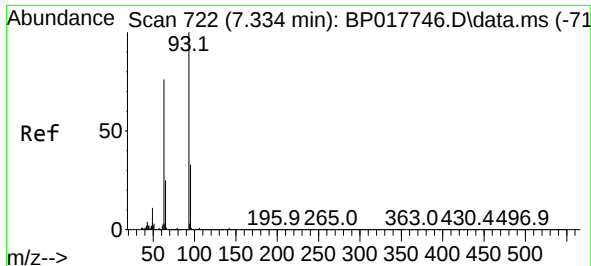
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Phenol
Concen: 4.782 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

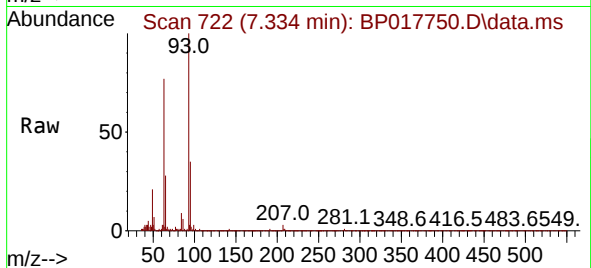
Tgt Ion: 94 Resp: 39481
Ion Ratio Lower Upper
94 100
65 32.7 25.0 37.4
66 44.6 33.0 49.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.945 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

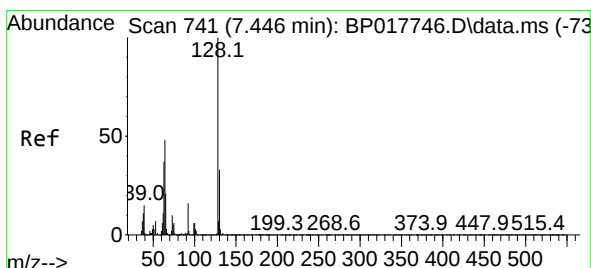
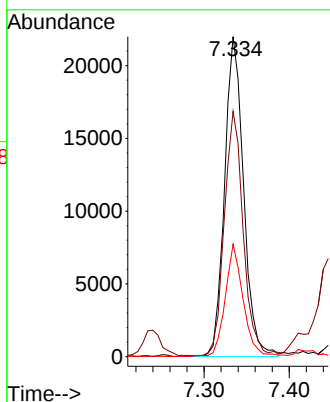
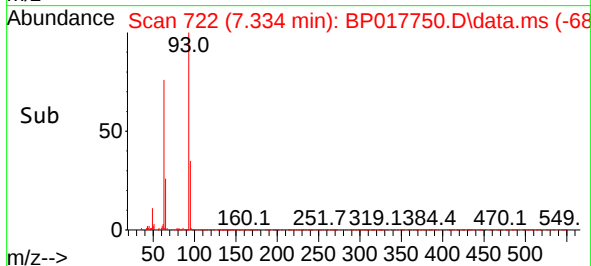
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 93 Resp: 34060
Ion Ratio Lower Upper
93 100
63 76.6 60.7 91.1
95 35.2 27.8 41.6

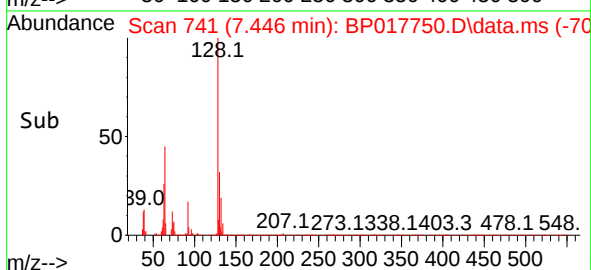
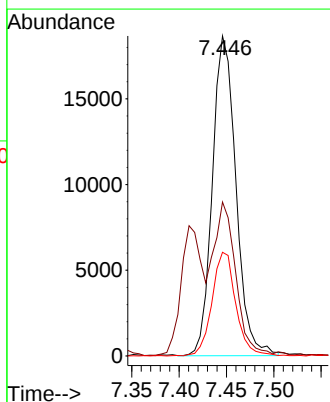
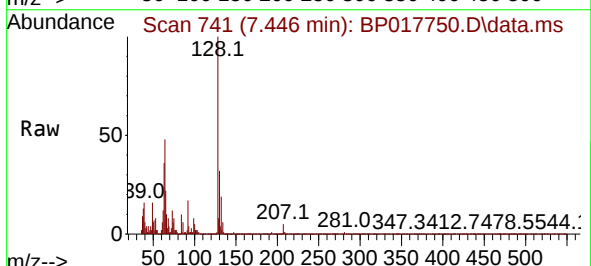
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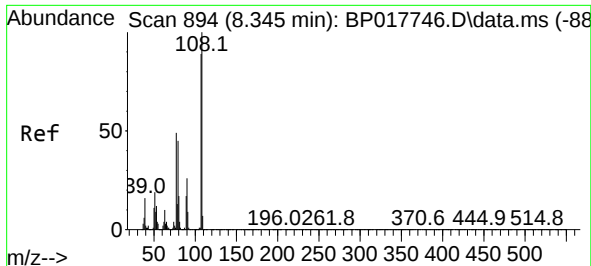
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#12
2-Chlorophenol
Concen: 4.716 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:128 Resp: 32350
Ion Ratio Lower Upper
128 100
64 48.1 36.7 55.1
130 32.4 26.2 39.2





#13

2-Methylphenol

Concen: 4.070 ng/ul

RT: 8.352 min Scan# 894

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

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BNA_P

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Tgt Ion:108 Resp: 2536

Ion Ratio Lower Upper

108 100

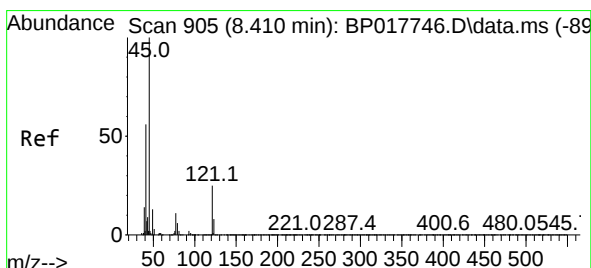
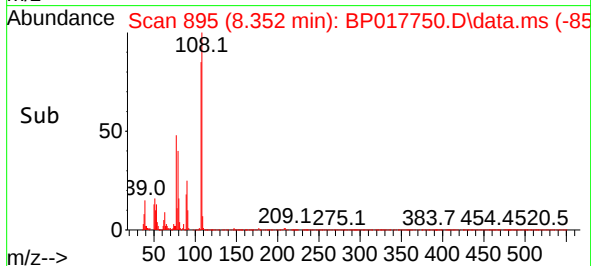
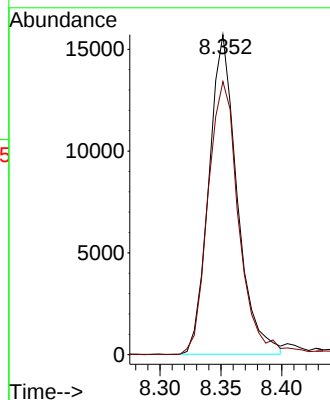
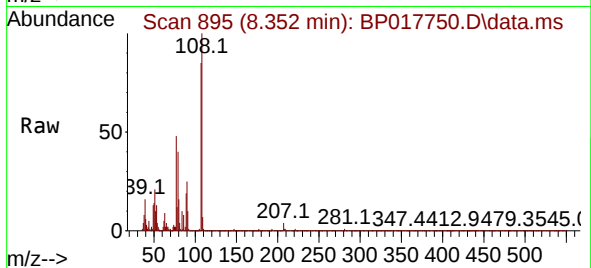
107 85.4 73.4 110.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/25/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.426 ng/ul m

RT: 8.410 min Scan# 905

Delta R.T. 0.006 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

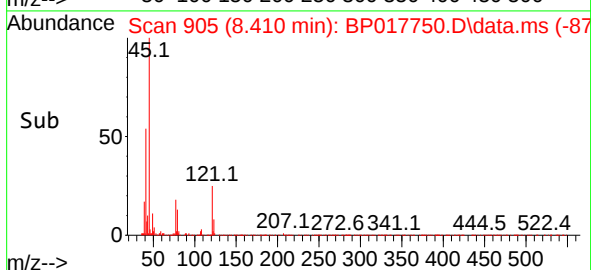
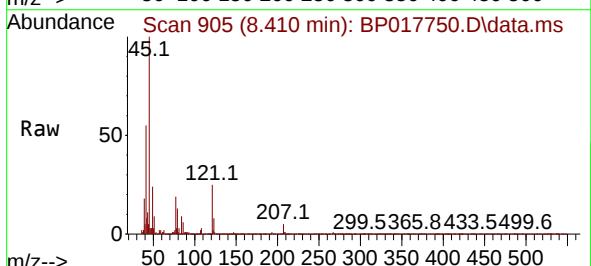
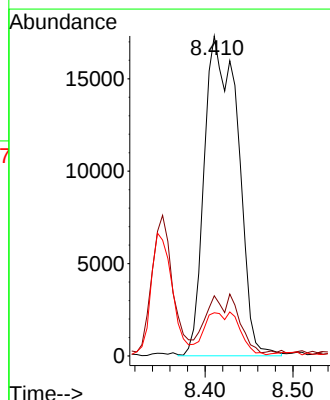
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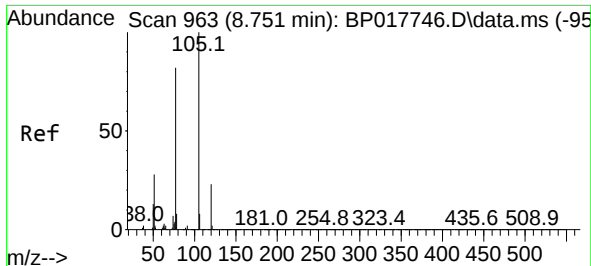
Ion Ratio Lower Upper

45 100

77 18.8 14.2 21.4

79 13.5 10.3 15.5





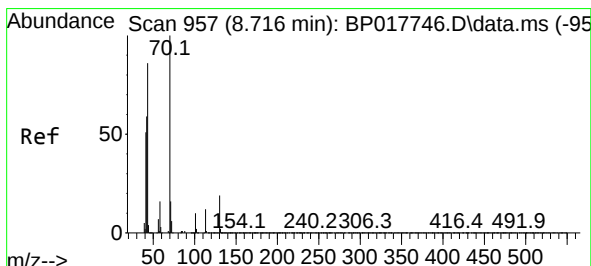
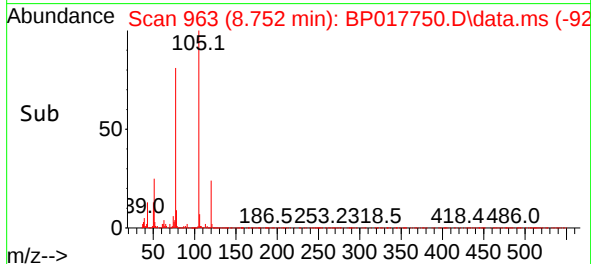
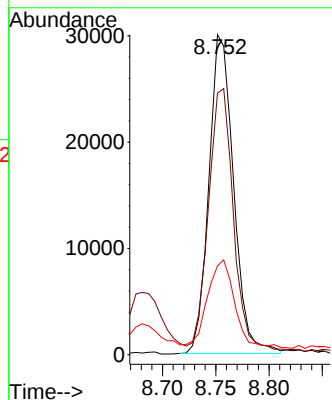
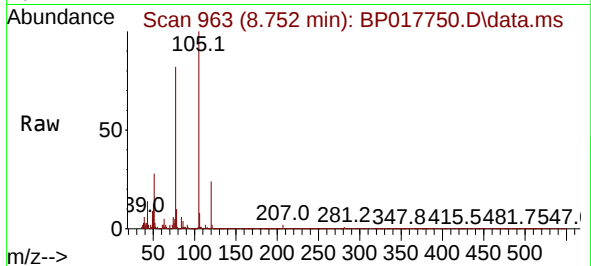
#16
Acetophenone
Concen: 4.673 ng/ul
RT: 8.752 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:105 Resp: 48308
Ion Ratio Lower Upper
105 100
77 81.7 64.4 96.6
51 27.7 21.2 31.8

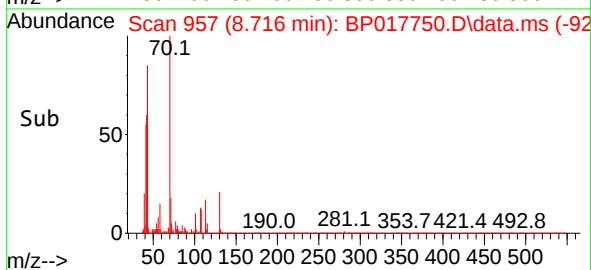
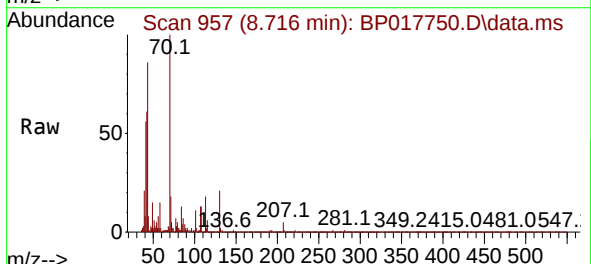
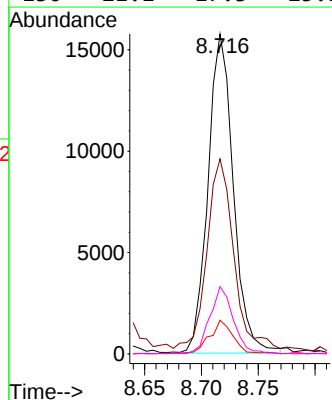
Manual Integrations
APPROVED

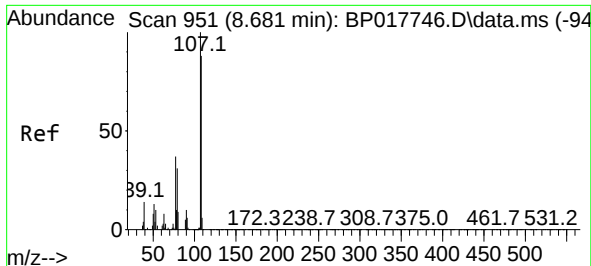
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.988 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion: 70 Resp: 24460
Ion Ratio Lower Upper
70 100
42 61.0 44.6 66.8
101 10.5 7.5 11.3
130 21.1 17.3 25.9





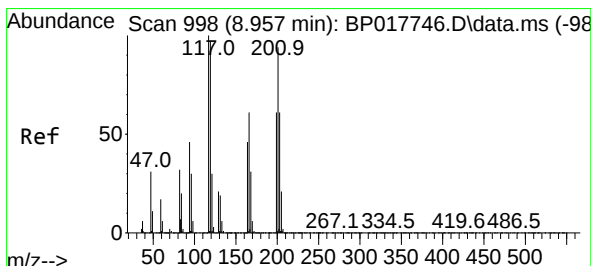
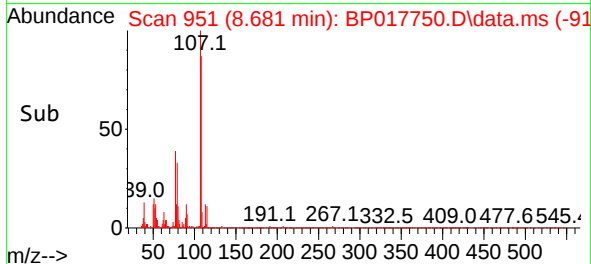
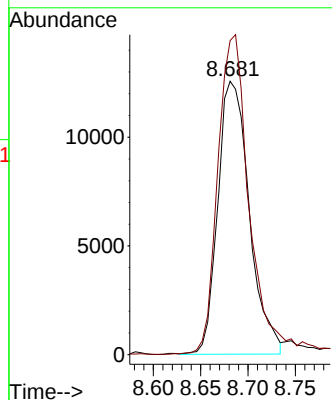
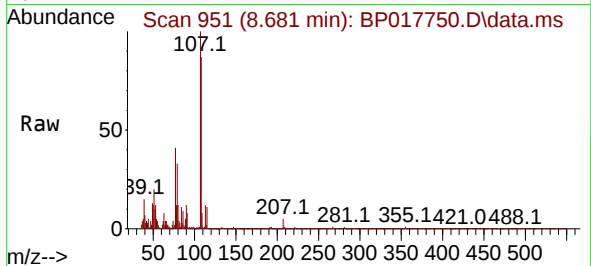
#18
4-Methylphenol
Concen: 4.392 ng/ul
RT: 8.681 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:108 Resp: 2906
Ion Ratio Lower Upper
108 100
107 114.9 87.5 131.3

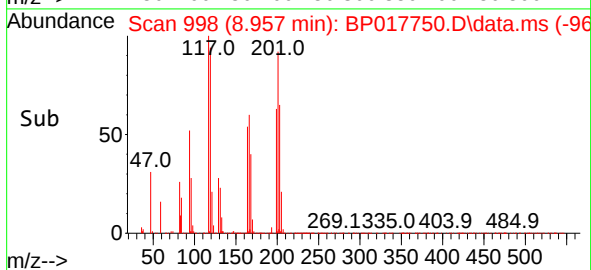
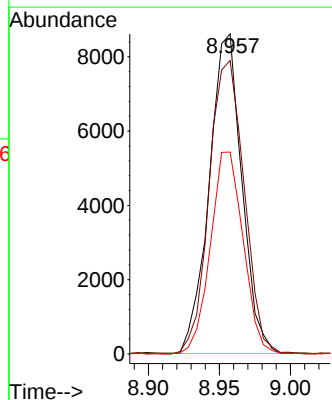
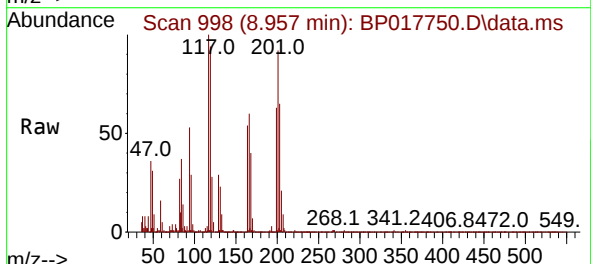
Manual Integrations
APPROVED

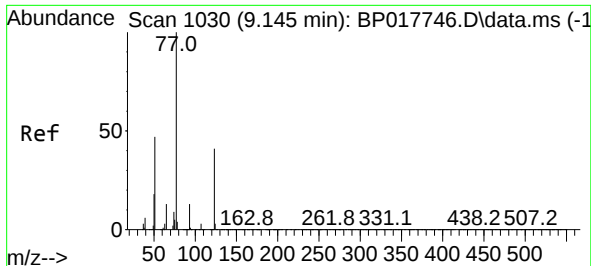
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#19
Hexachloroethane
Concen: 4.360 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:117 Resp: 13741
Ion Ratio Lower Upper
117 100
201 91.7 96.3 144.5#
199 63.1 57.7 86.5





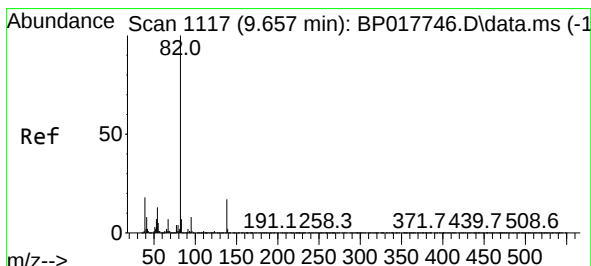
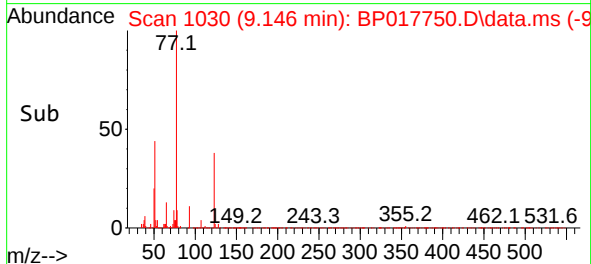
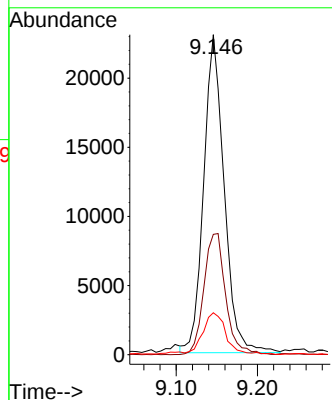
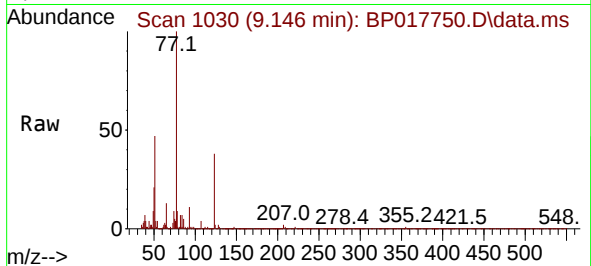
#22
Nitrobenzene
Concen: 5.040 ng/ul
RT: 9.146 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion: 77 Resp: 4033
Ion Ratio Lower Upper
77 100
123 37.6 33.5 50.3
65 13.1 10.8 16.2

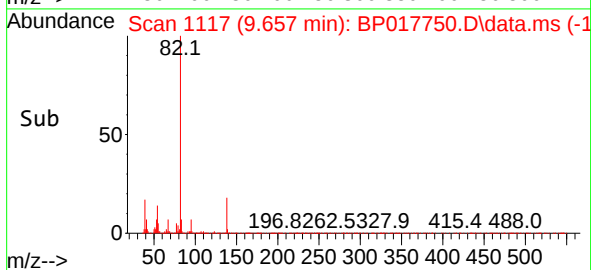
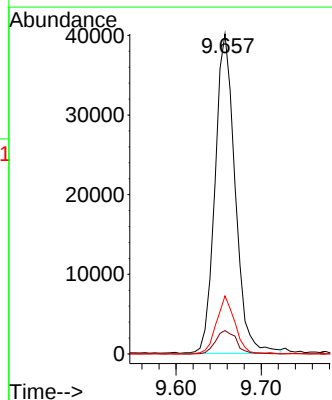
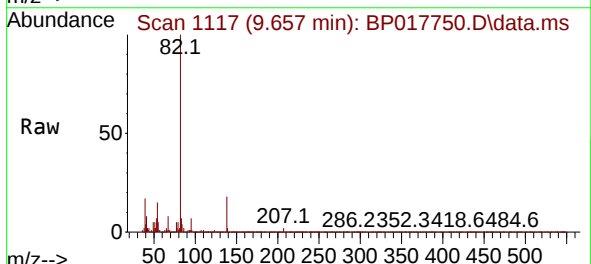
Manual Integrations
APPROVED

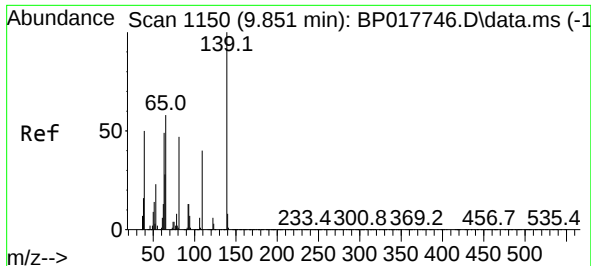
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#23
Isophorone
Concen: 4.592 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion: 82 Resp: 65713
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.2
138 18.2 14.4 21.6





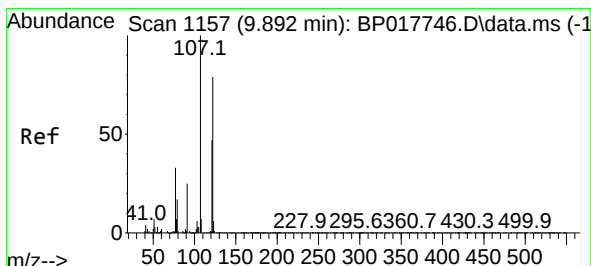
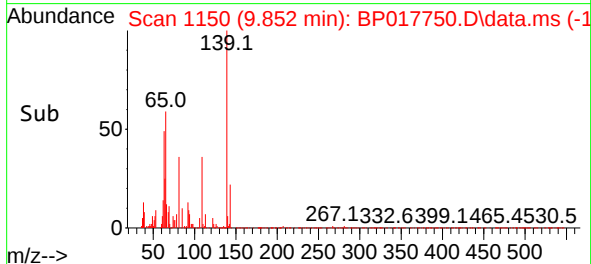
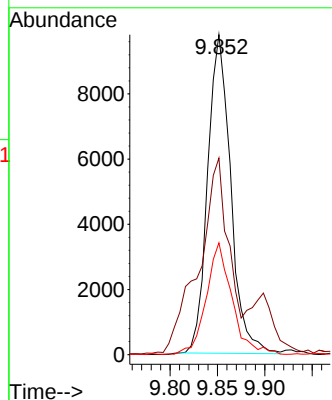
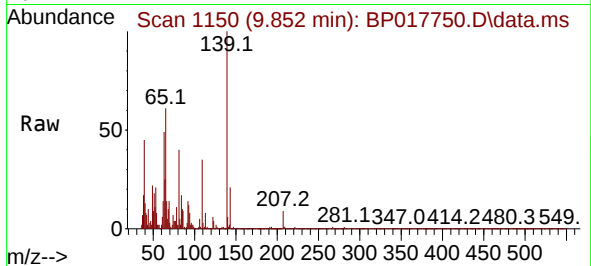
#25
2-Nitrophenol
Concen: 4.354 ng/ul
RT: 9.852 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion	Ratio	Lower	Upper
139	100		
65	61.4	40.4	60.6
109	34.9	25.4	38.2

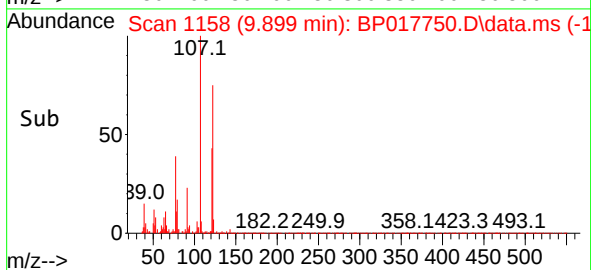
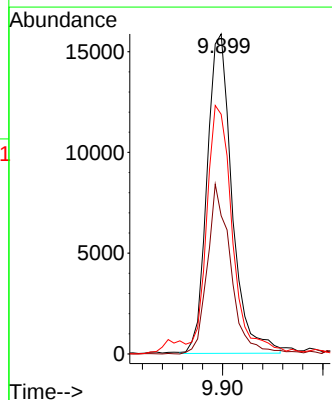
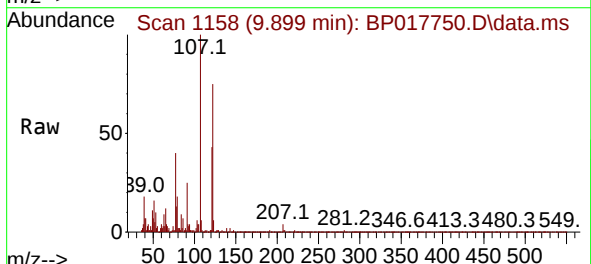
Manual Integrations
APPROVED

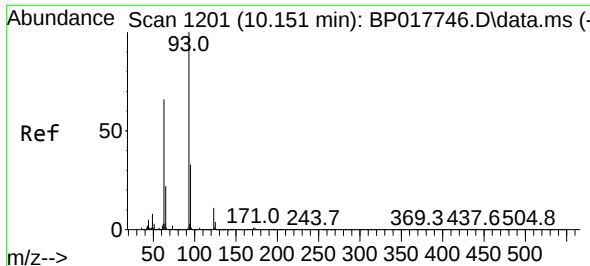
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#26
2,4-Dimethylphenol
Concen: 3.702 ng/ul
RT: 9.899 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

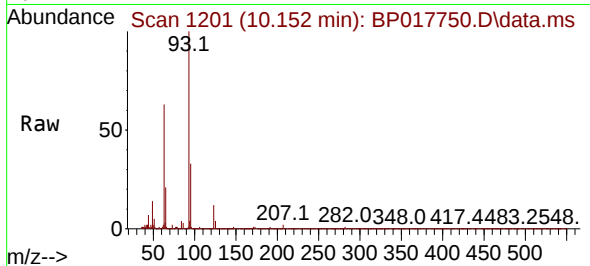
Tgt Ion	Ratio	Lower	Upper
107	100		
121	43.2	40.6	61.0
122	74.9	66.9	100.3





#27
Bis(2-Chloroethoxy)methane
Concen: 4.840 ng/ul
RT: 10.152 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

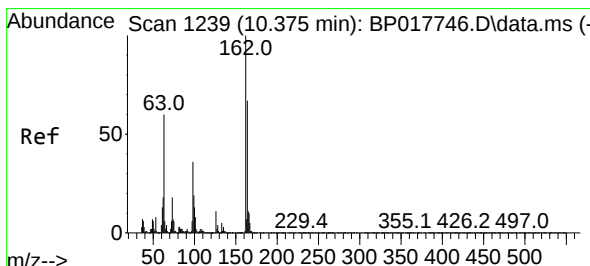
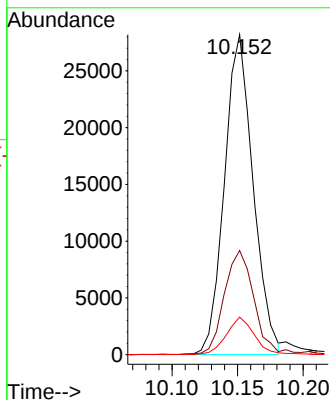
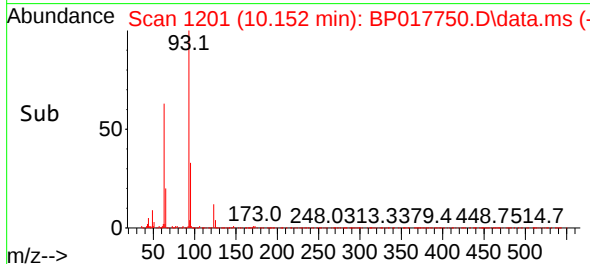
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



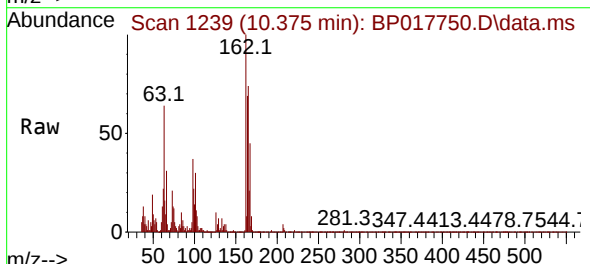
Tgt Ion: 93 Resp: 4284
Ion Ratio Lower Upper
93 100
95 32.5 24.7 37.1
123 11.8 8.9 13.3

Manual Integrations
APPROVED

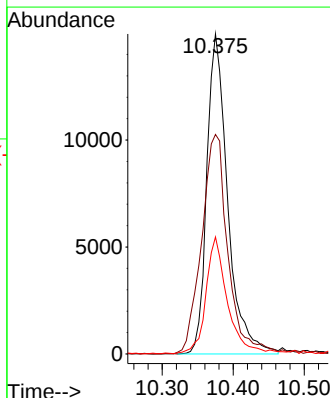
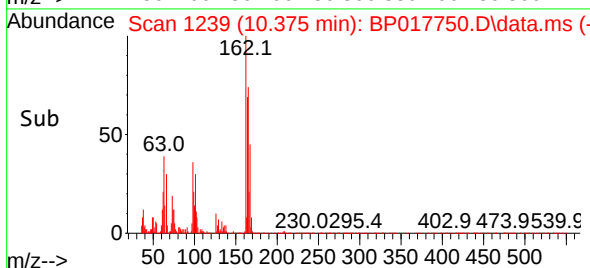
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

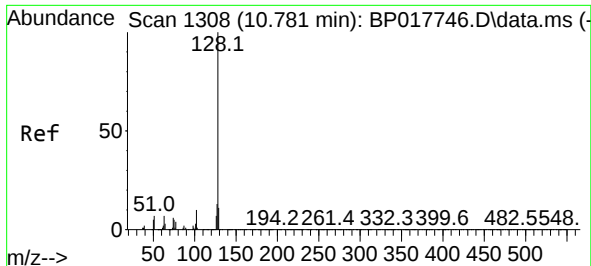


#29
2,4-Dichlorophenol
Concen: 4.579 ng/ul
RT: 10.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



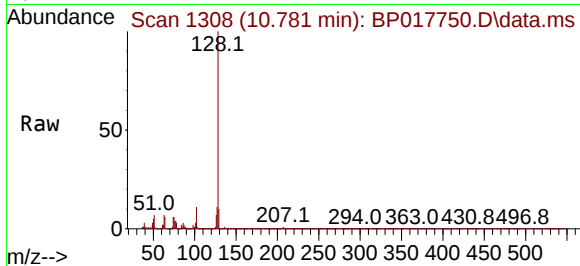
Tgt Ion:162 Resp: 30503
Ion Ratio Lower Upper
162 100
164 68.6 53.8 80.8
98 36.6 25.5 38.3





#30
Naphthalene
Concen: 4.749 ng/ul
RT: 10.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

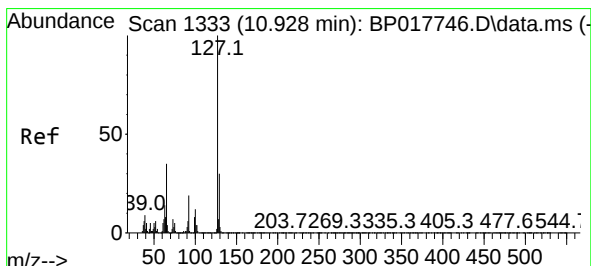
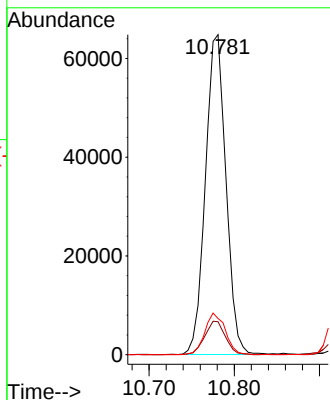
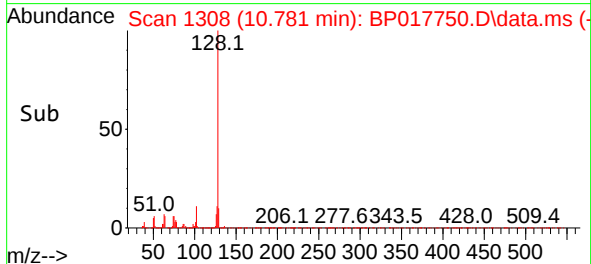
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



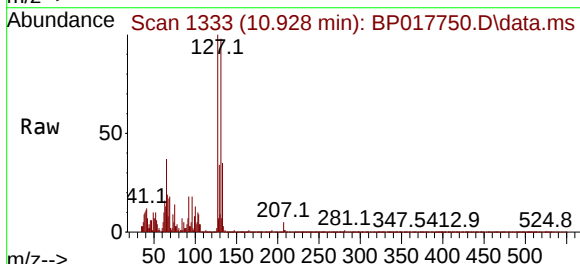
Tgt Ion:128 Resp: 108410
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 11.3 10.5 15.7

Manual Integrations
APPROVED

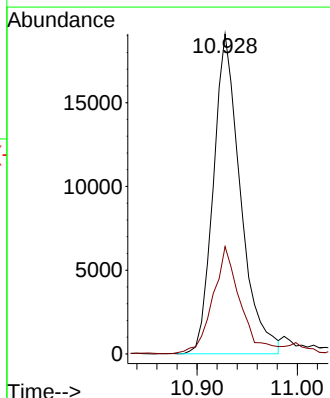
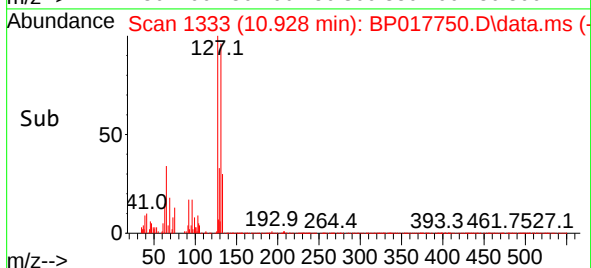
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

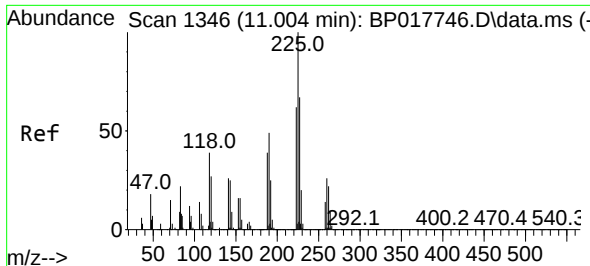


#32
4-Chloroaniline
Concen: 4.108 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



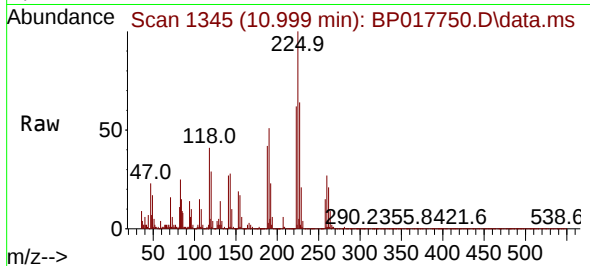
Tgt Ion:127 Resp: 35863
Ion Ratio Lower Upper
127 100
129 33.5 25.1 37.7





#33
Hexachlorobutadiene
Concen: 3.869 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

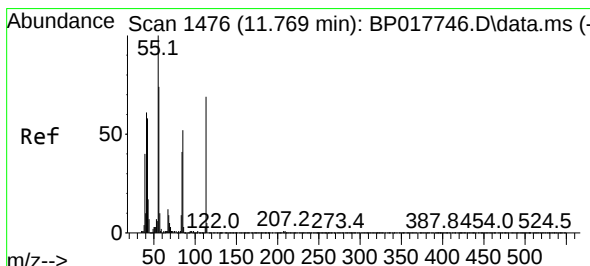
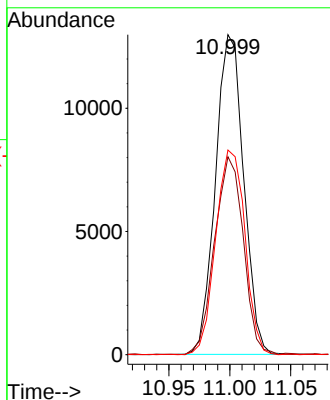
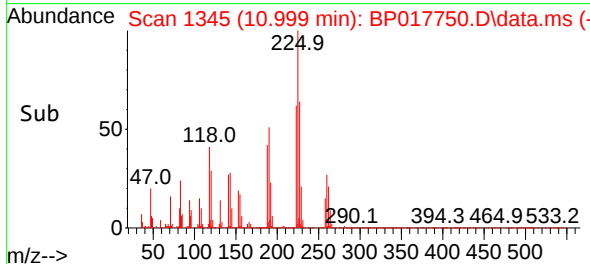
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:225 Resp: 20920
Ion Ratio Lower Upper
225 100
223 61.9 50.6 75.8
227 64.0 50.1 75.1

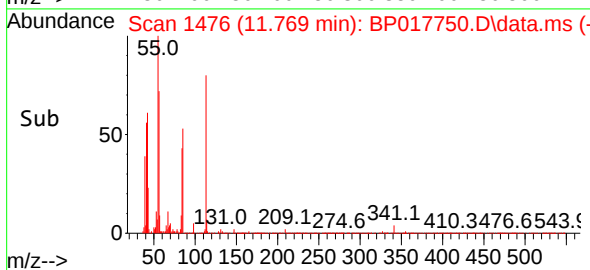
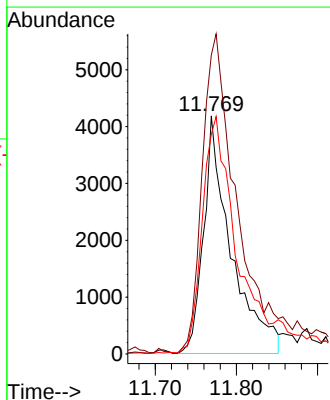
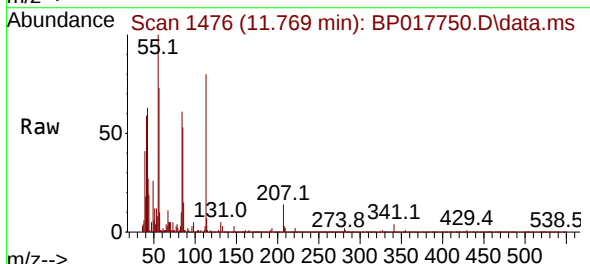
Manual Integrations
APPROVED

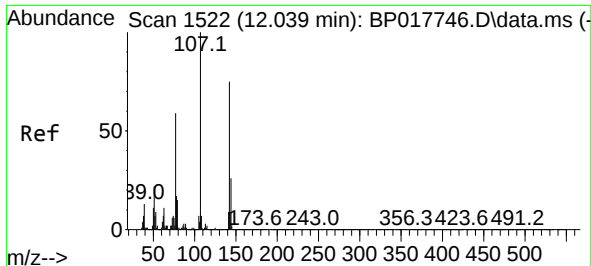
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#34
Caprolactam
Concen: 5.745 ng/ul
RT: 11.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

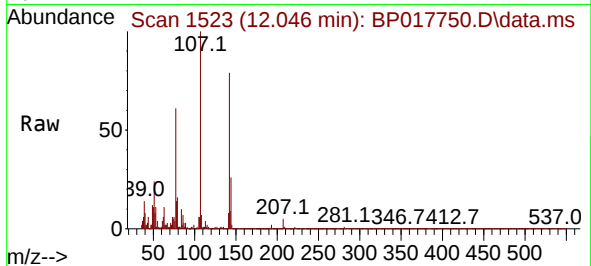
Tgt Ion:113 Resp: 9854
Ion Ratio Lower Upper
113 100
55 125.6 112.1 168.1
56 92.2 87.0 130.6





#35
4-Chloro-3-methylphenol
Concen: 4.066 ng/ul
RT: 12.046 min Scan# 1522
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

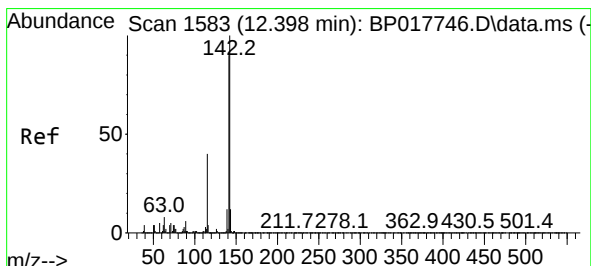
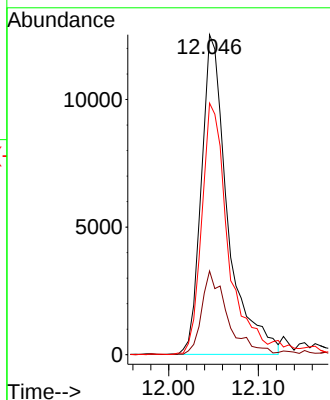
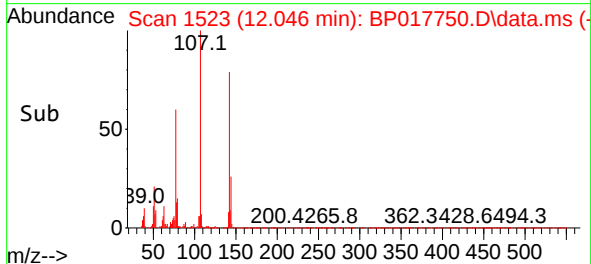
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 25498
Ion Ratio Lower Upper
107 100
144 26.2 22.9 34.3
142 78.6 68.1 102.1

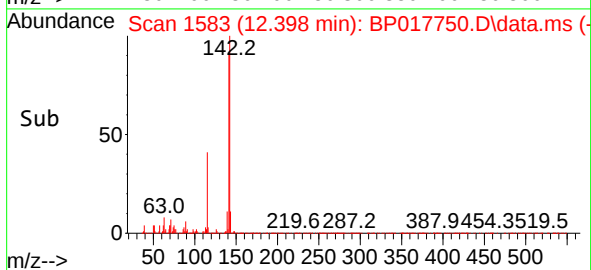
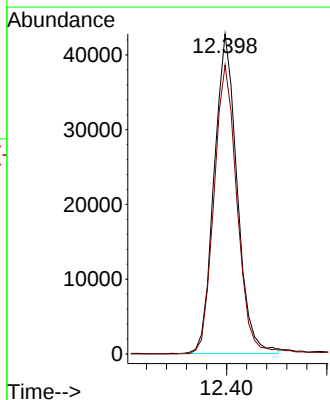
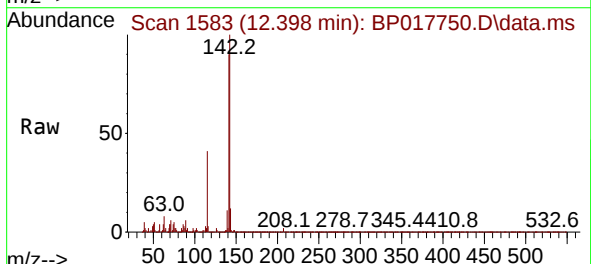
Manual Integrations
APPROVED

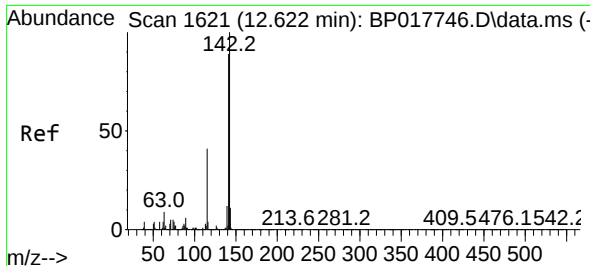
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#36
2-Methylnaphthalene
Concen: 4.401 ng/ul
RT: 12.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

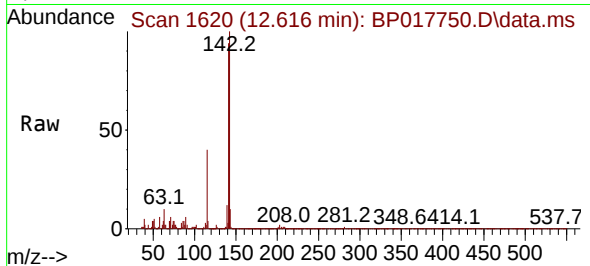
Tgt Ion:142 Resp: 67857
Ion Ratio Lower Upper
142 100
141 90.3 71.5 107.3





#37
1-Methylnaphthalene
Concen: 3.664 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

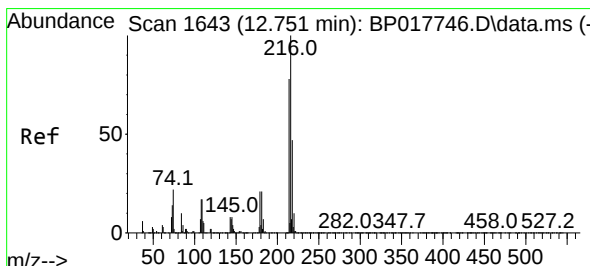
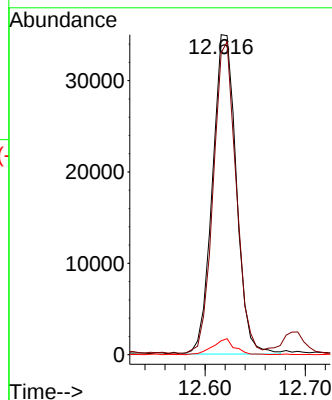
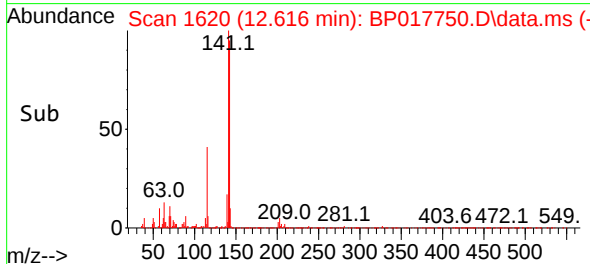
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:142 Resp: 5778
Ion Ratio Lower Upper
142 100
141 94.3 72.5 108.7
116 4.3 3.4 5.2

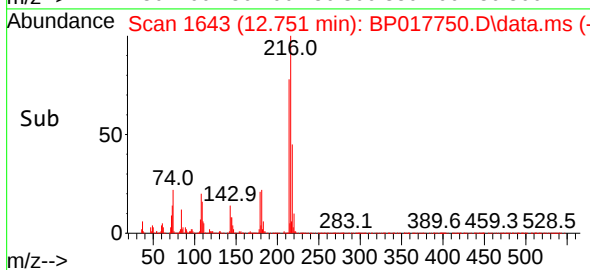
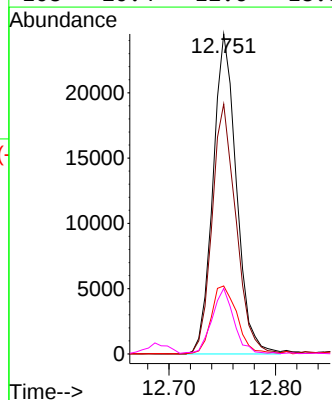
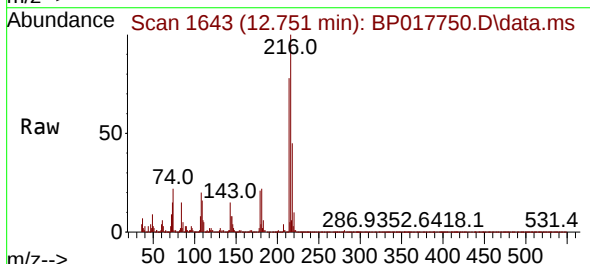
Manual Integrations
APPROVED

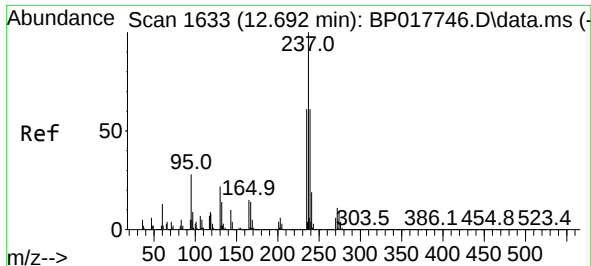
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.264 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

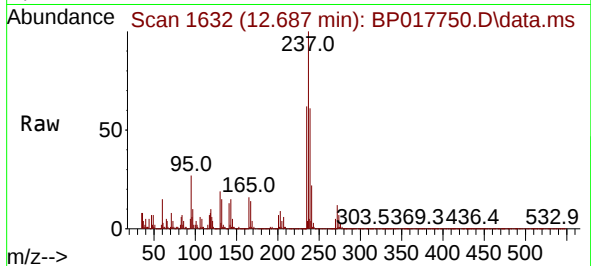
Tgt Ion:216 Resp: 37465
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 21.2 15.8 23.8
108 20.4 12.6 18.8#





#40
Hexachlorocyclopentadiene
Concen: 5.292 ng/ul
RT: 12.687 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

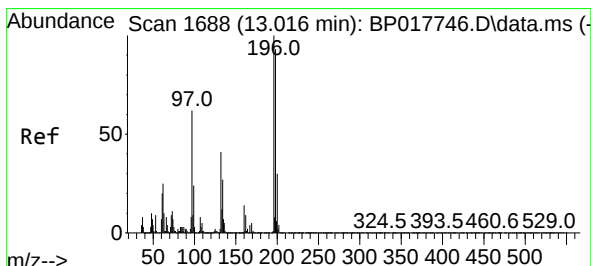
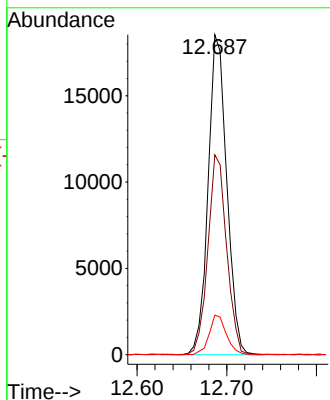
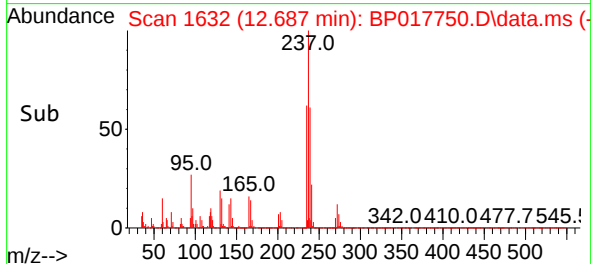
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:237 Resp: 26714
Ion Ratio Lower Upper
237 100
235 62.4 50.3 75.5
272 12.3 11.1 16.7

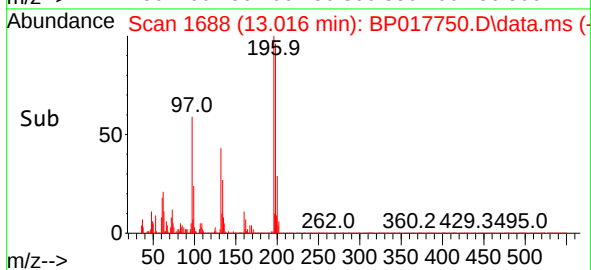
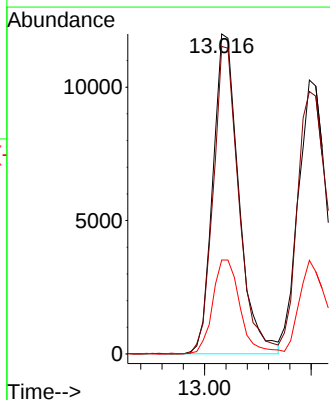
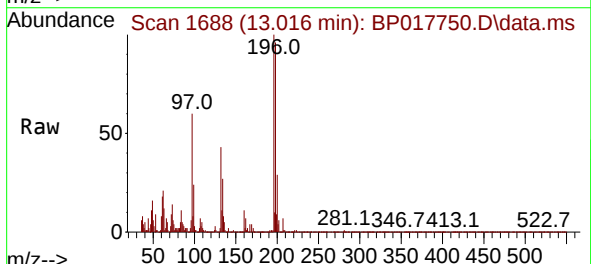
Manual Integrations
APPROVED

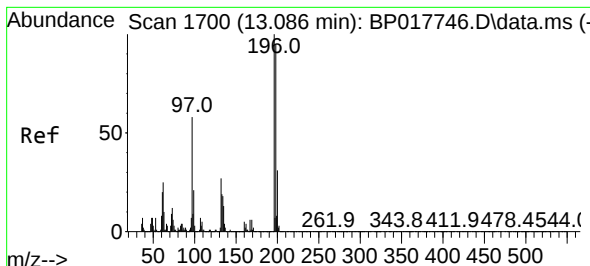
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#41
2,4,6-Trichlorophenol
Concen: 3.858 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

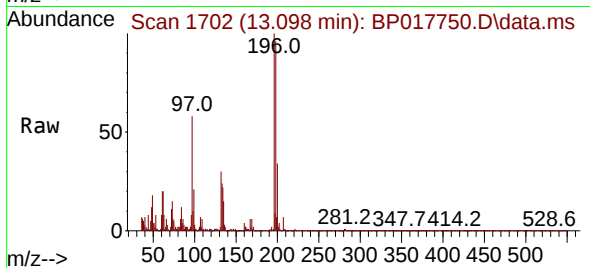
Tgt Ion:196 Resp: 20344
Ion Ratio Lower Upper
196 100
198 96.1 74.7 112.1
200 29.4 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.732 ng/ul
RT: 13.098 min Scan# 1700
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

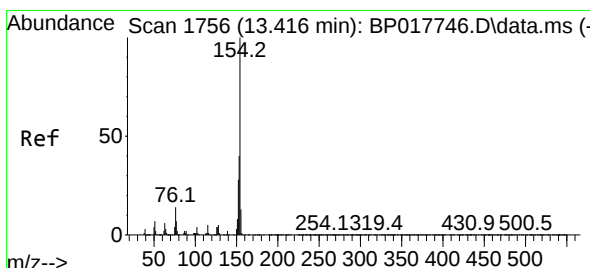
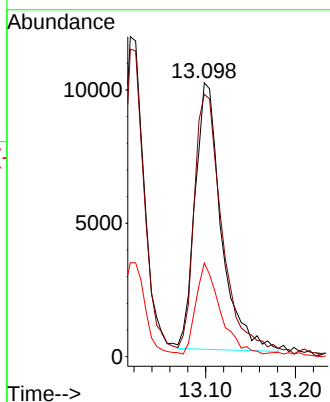
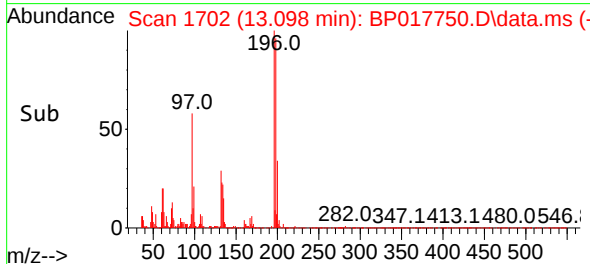
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



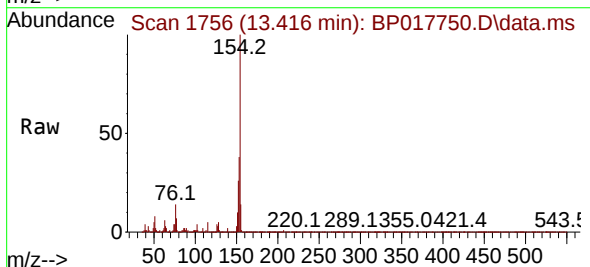
Tgt Ion:196 Resp: 20344
Ion Ratio Lower Upper
196 100
198 95.8 76.0 114.0
200 34.2 24.3 36.5

Manual Integrations
APPROVED

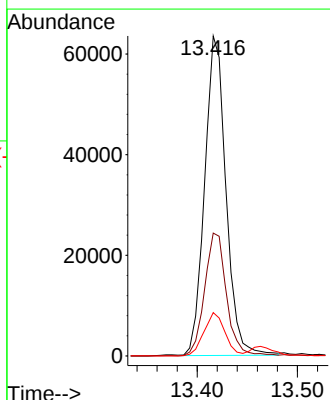
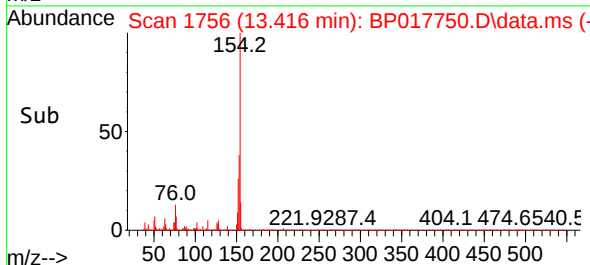
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

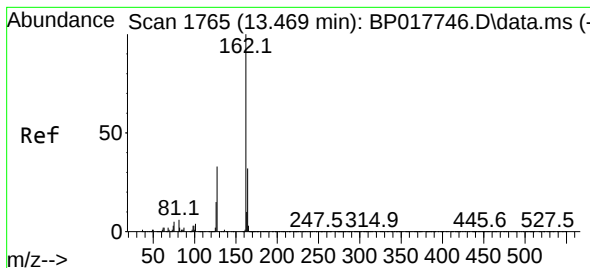


#43
1,1'-Biphenyl
Concen: 4.801 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



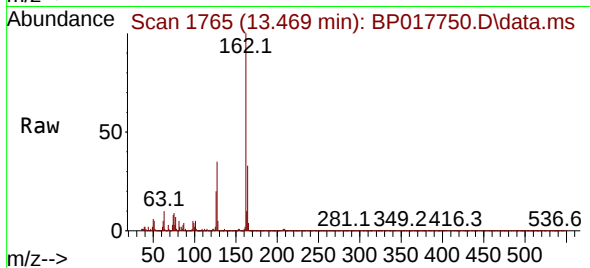
Tgt Ion:154 Resp: 93927
Ion Ratio Lower Upper
154 100
153 38.4 32.6 49.0
76 13.6 9.8 14.8





#44
2-Chloronaphthalene
Concen: 4.755 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

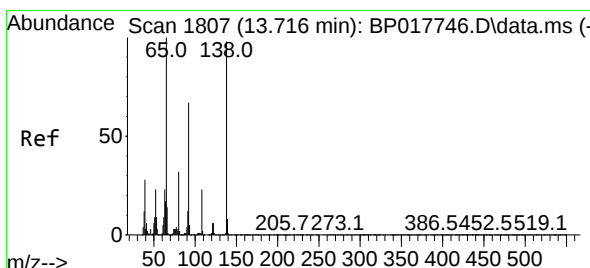
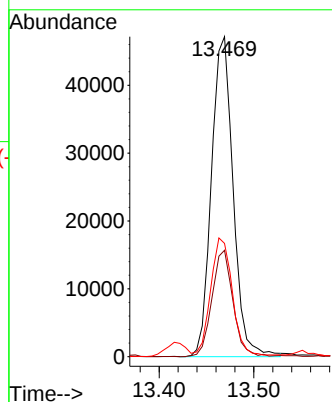
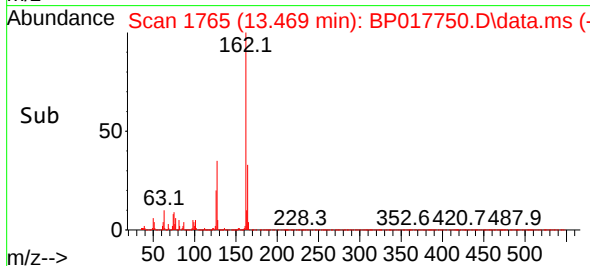
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



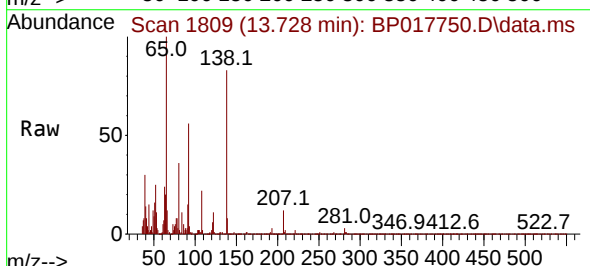
Tgt Ion:162 Resp: 75198
Ion Ratio Lower Upper
162 100
164 33.3 25.9 38.9
127 35.4 29.9 44.9

Manual Integrations
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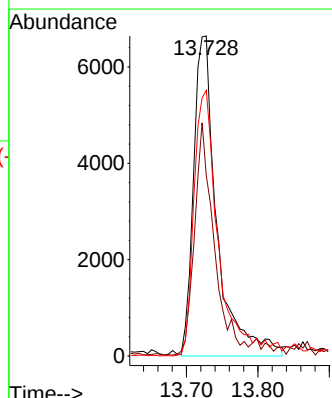
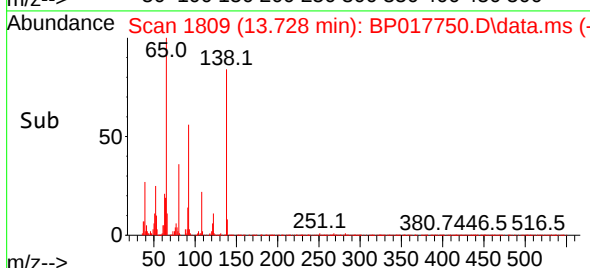
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

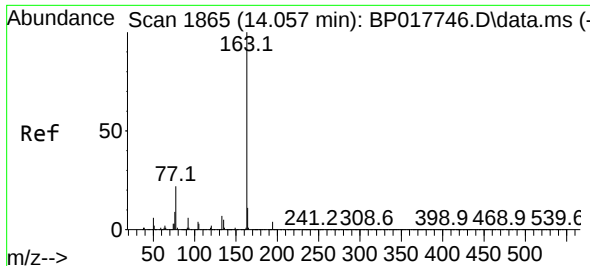


#45
2-Nitroaniline
Concen: 4.231 ng/ul m
RT: 13.728 min Scan# 1809
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



Tgt Ion: 65 Resp: 15204
Ion Ratio Lower Upper
65 100
92 56.4 56.2 84.4
138 83.0 85.9 128.9#





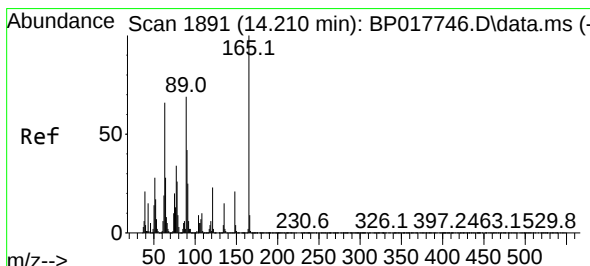
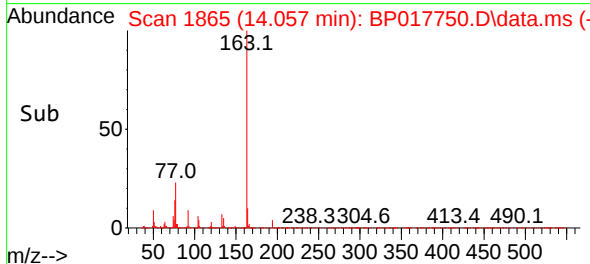
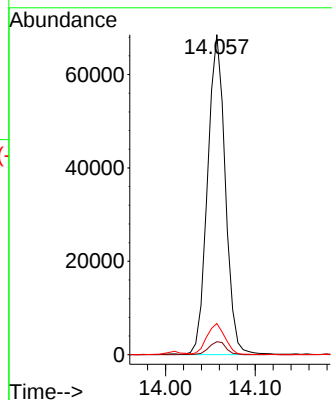
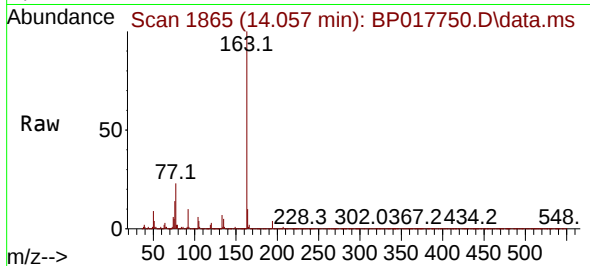
#47
Dimethylphthalate
Concen: 4.780 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:163 Resp: 93894
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.7 8.2 12.4

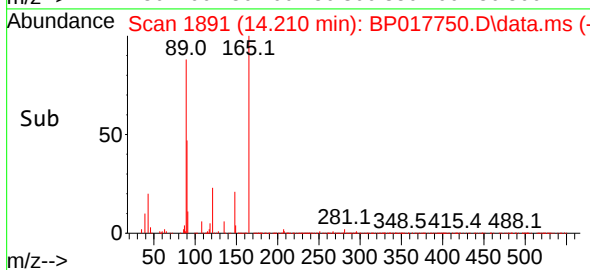
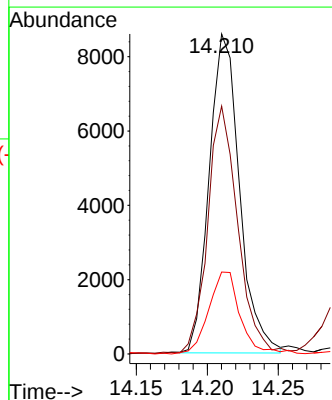
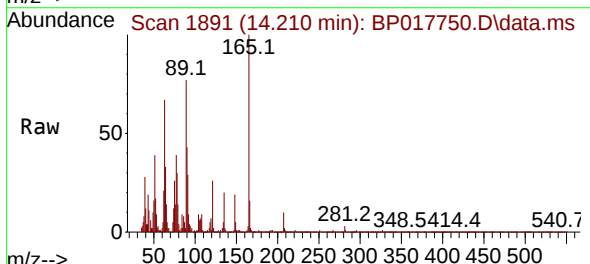
Manual Integrations
APPROVED

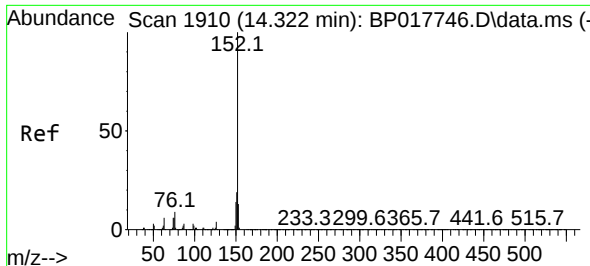
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#48
2,6-Dinitrotoluene
Concen: 3.521 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

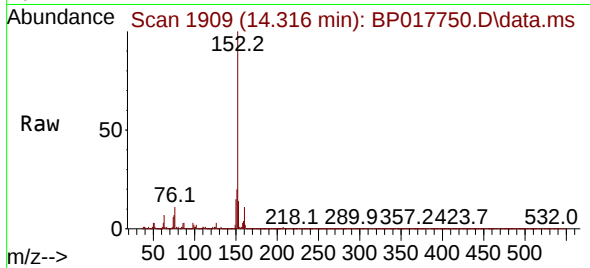
Tgt Ion:165 Resp: 12733
Ion Ratio Lower Upper
165 100
89 77.5 48.0 72.0#
121 25.6 16.6 24.8#





#50
Acenaphthylene
Concen: 4.774 ng/ul
RT: 14.316 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

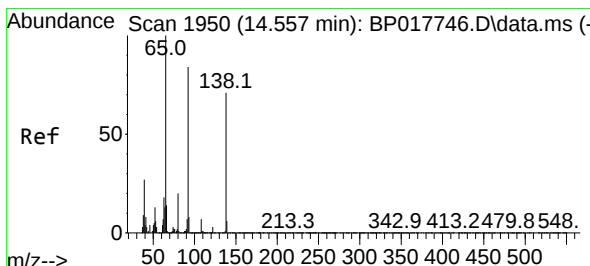
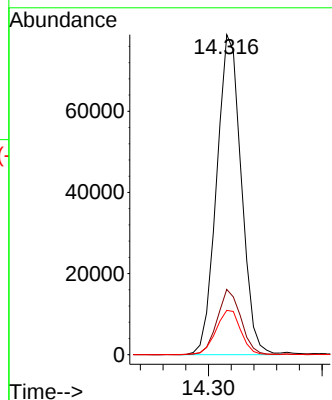
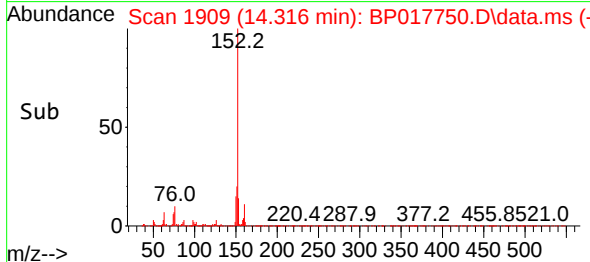
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



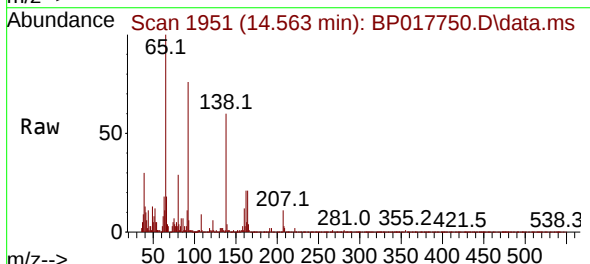
Tgt Ion:152 Resp: 11887
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.8 10.8 16.2

Manual Integrations
APPROVED

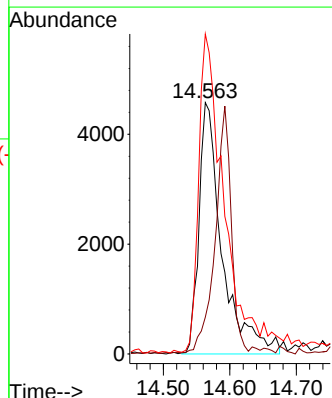
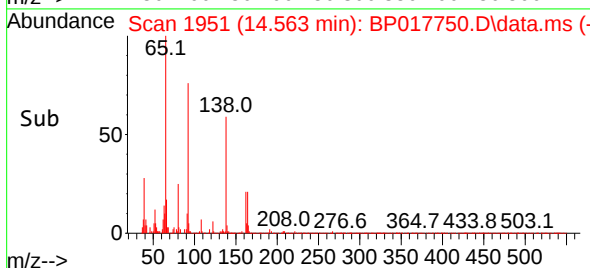
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

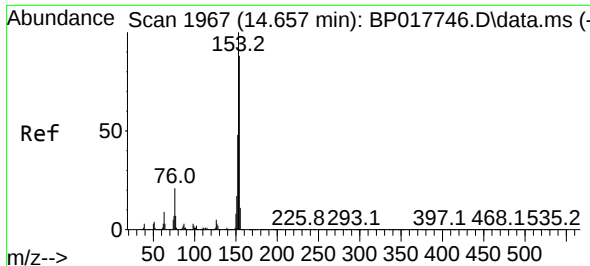


#51
3-Nitroaniline
Concen: 3.213 ng/ul m
RT: 14.563 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



Tgt Ion:138 Resp: 11051
Ion Ratio Lower Upper
138 100
108 14.6 9.3 13.9#
92 127.3 95.2 142.8





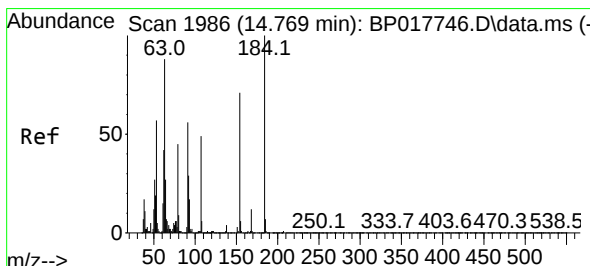
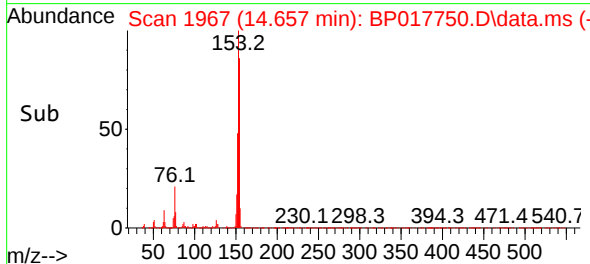
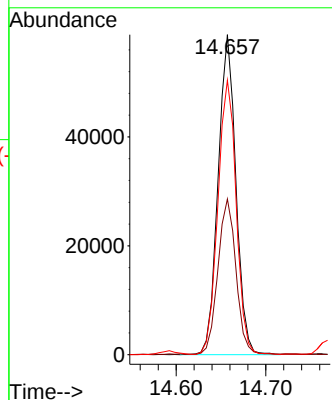
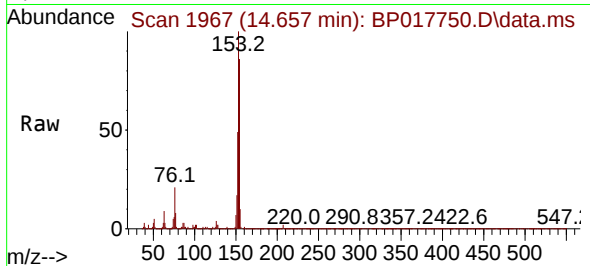
#52
Acenaphthene
Concen: 4.820 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:153 Resp: 8113
Ion Ratio Lower Upper
153 100
152 48.7 37.6 56.4
154 85.8 70.0 105.0

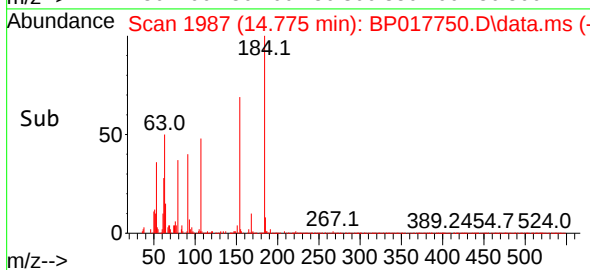
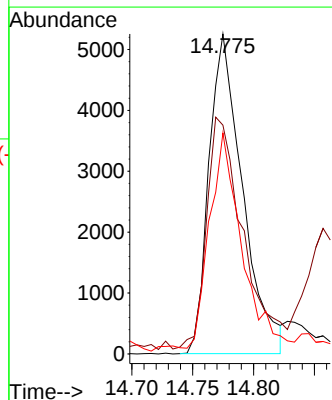
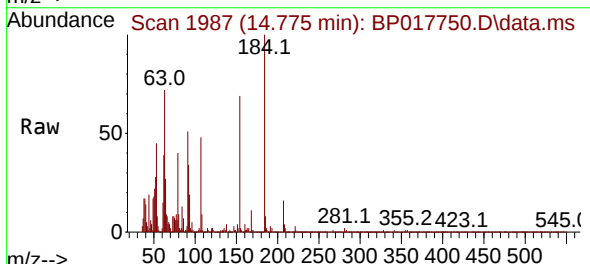
Manual Integrations
APPROVED

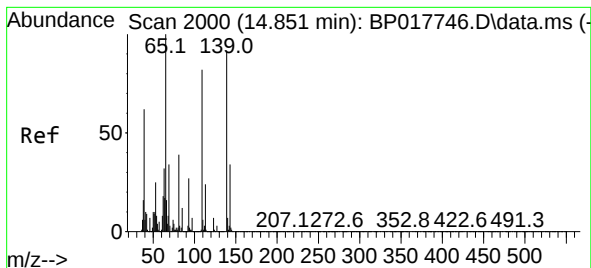
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#53
2,4-Dinitrophenol
Concen: 4.963 ng/ul
RT: 14.775 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

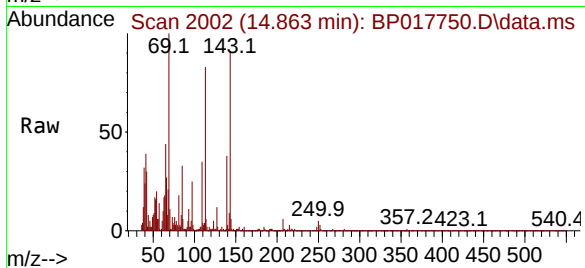
Tgt Ion:184 Resp: 10073
Ion Ratio Lower Upper
184 100
63 71.5 50.6 76.0
154 69.0 47.9 71.9





#55
4-Nitrophenol
Concen: 3.600 ng/ul
RT: 14.863 min Scan# 2000
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

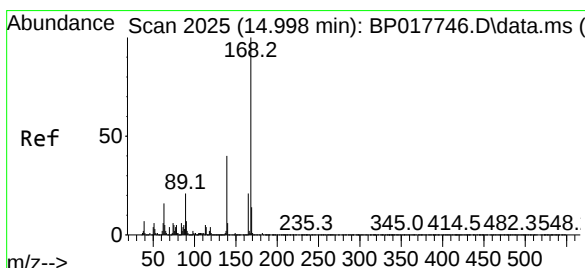
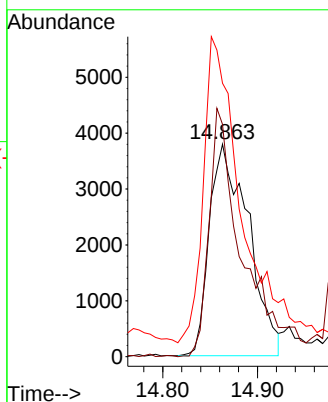
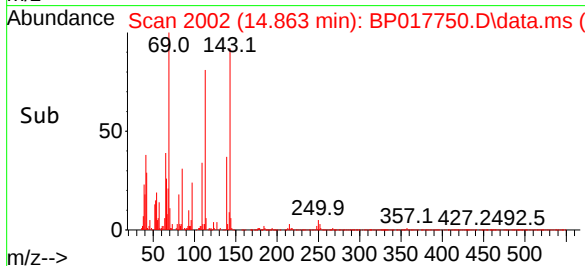
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:109 Resp: 1082
Ion Ratio Lower Upper
109 100
139 109.3 92.9 139.3
65 128.6 94.5 141.7

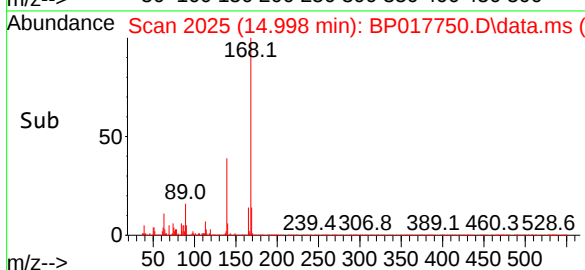
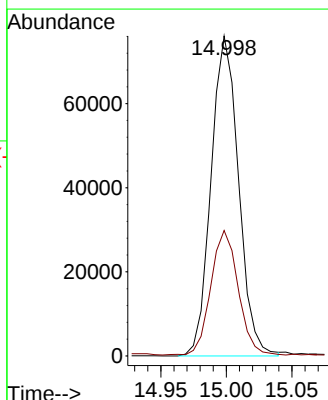
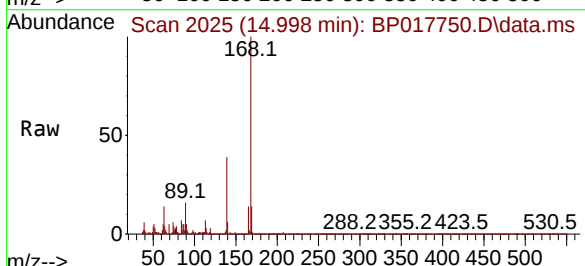
Manual Integrations
APPROVED

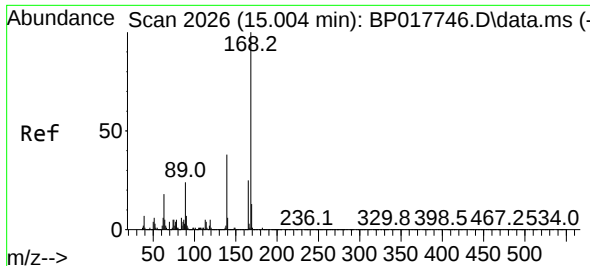
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#56
Dibenzofuran
Concen: 4.694 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:168 Resp: 110941
Ion Ratio Lower Upper
168 100
139 39.2 28.6 43.0





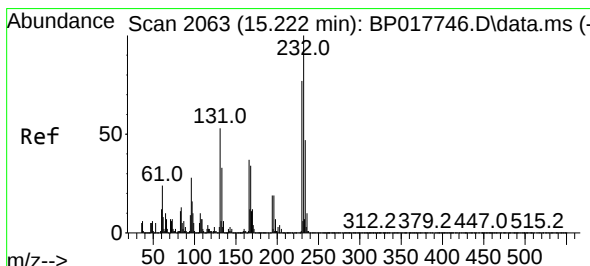
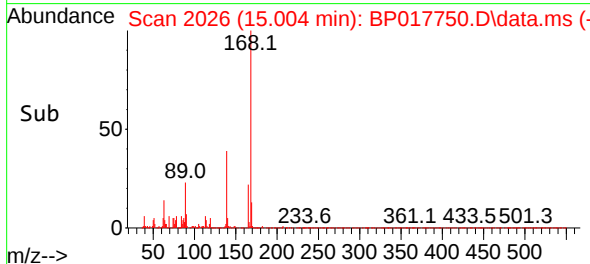
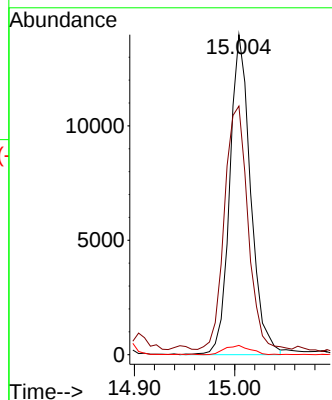
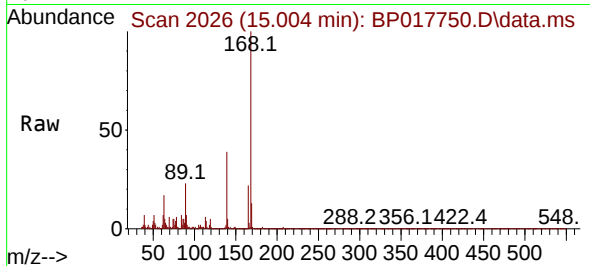
#57
2,4-Dinitrotoluene
Concen: 3.799 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:165 Resp: 2027
Ion Ratio Lower Upper
165 100
63 77.7 51.1 76.7
182 2.9 2.7 4.1

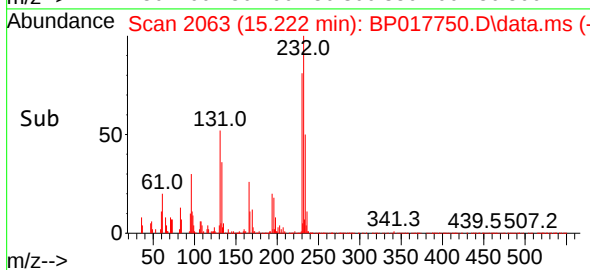
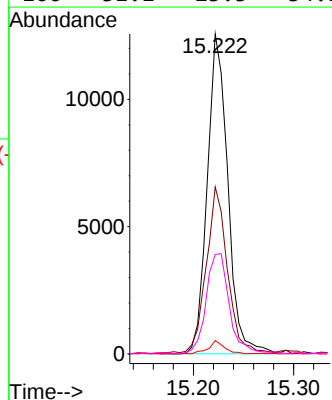
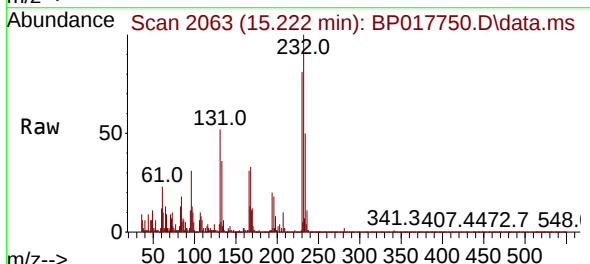
Manual Integrations
APPROVED

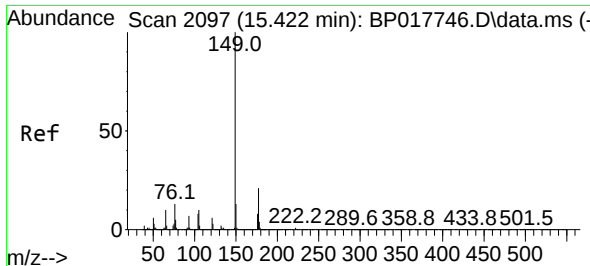
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.718 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

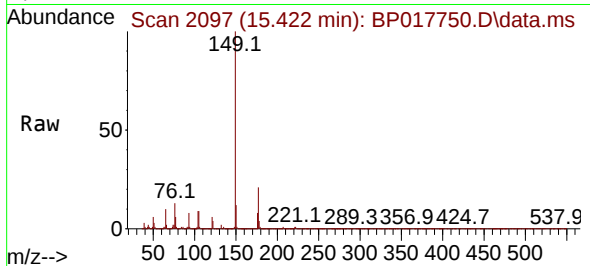
Tgt Ion:232 Resp: 17985
Ion Ratio Lower Upper
232 100
131 52.2 32.9 49.3#
130 4.2 1.8 2.8#
166 31.1 23.3 34.9





#59
Diethylphthalate
Concen: 4.582 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

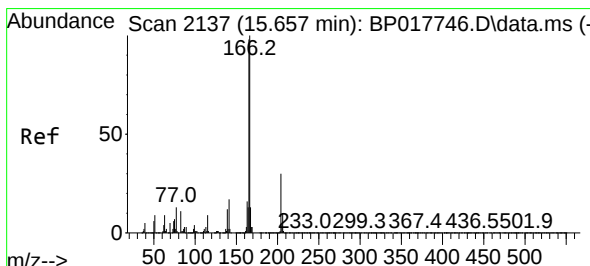
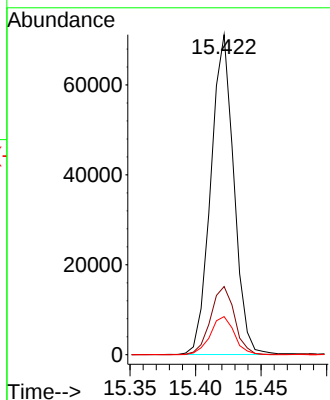
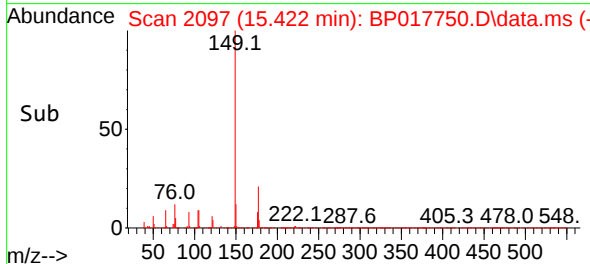
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



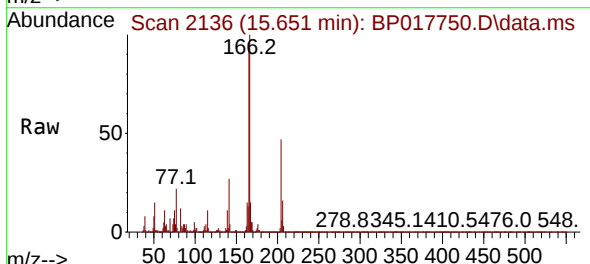
Tgt Ion:149 Resp: 86910
Ion Ratio Lower Upper
149 100
177 21.3 18.0 27.0
150 11.9 10.2 15.4

Manual Integrations
APPROVED

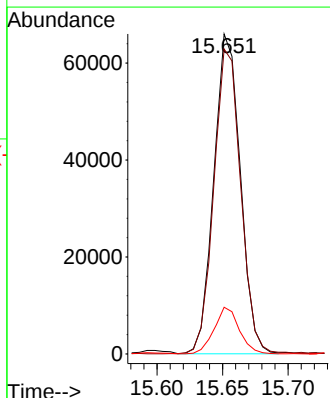
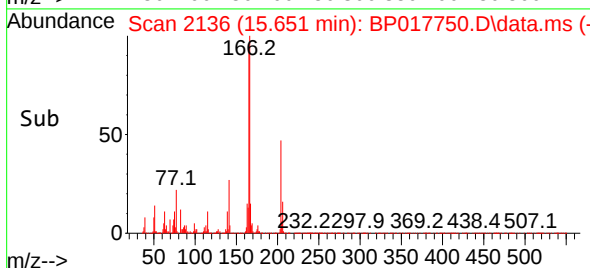
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

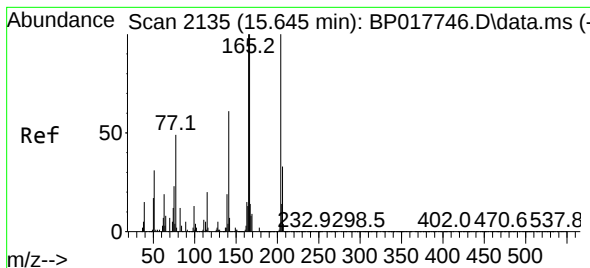


#61
Fluorene
Concen: 4.772 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



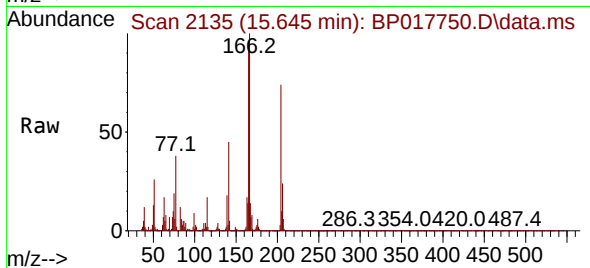
Tgt Ion:166 Resp: 92630
Ion Ratio Lower Upper
166 100
165 95.3 77.4 116.0
167 14.6 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.377 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

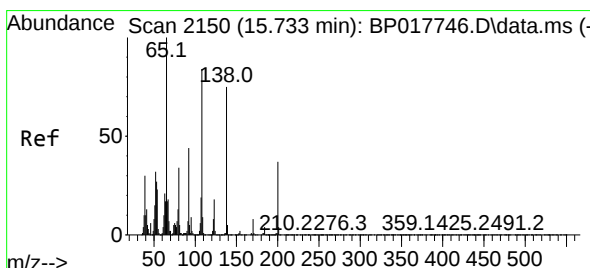
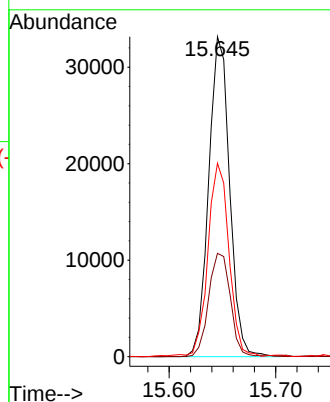
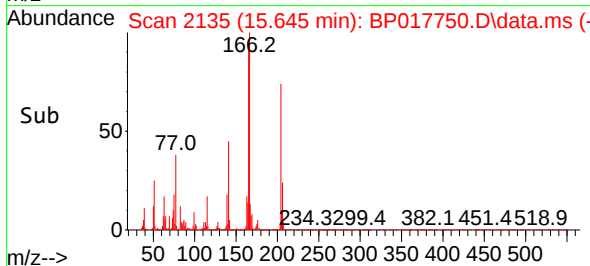
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



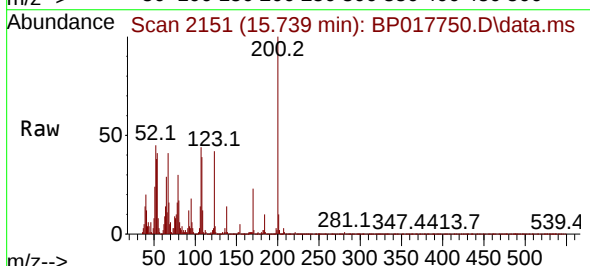
Tgt Ion:204 Resp: 45168
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 60.5 42.9 64.3

Manual Integrations
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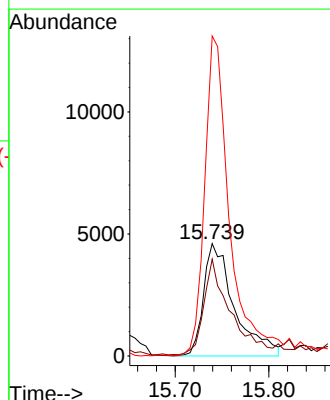
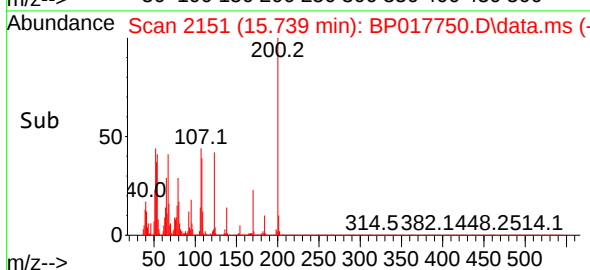
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

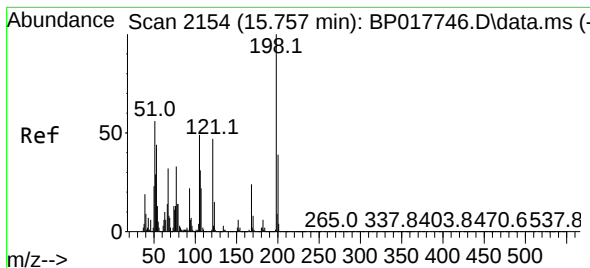


#63
4-Nitroaniline
Concen: 3.401 ng/ul m
RT: 15.739 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08



Tgt Ion:138 Resp: 10548
Ion Ratio Lower Upper
138 100
92 86.2 43.0 64.6#
108 284.7 82.7 124.1#





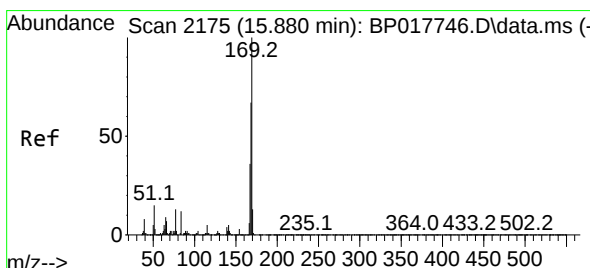
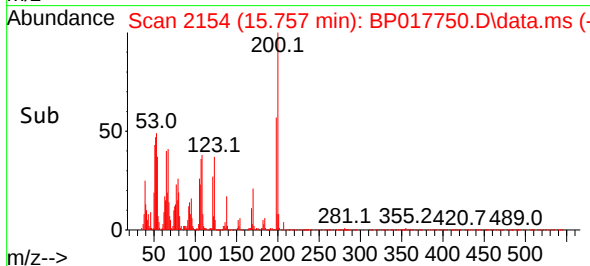
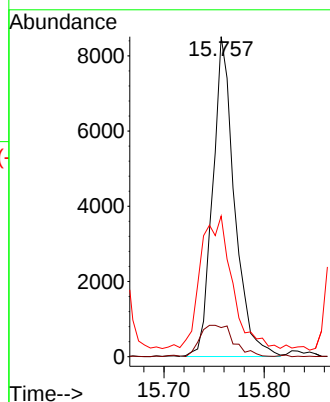
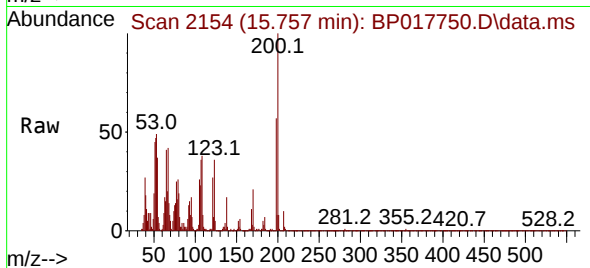
#66
4,6-Dinitro-2-methylphenol
Concen: 3.648 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:198 Resp: 1289
Ion Ratio Lower Upper
198 100
182 9.1 3.9 5.9
77 43.9 19.8 29.8

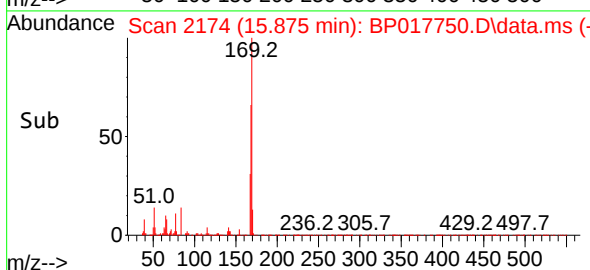
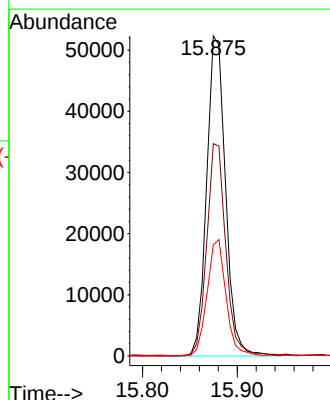
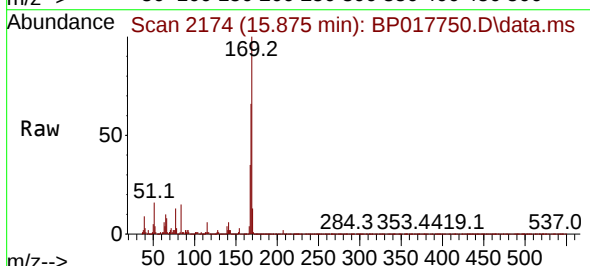
Manual Integrations
APPROVED

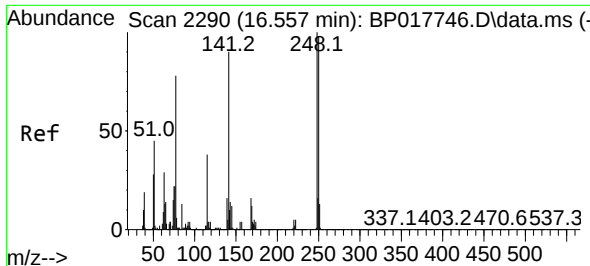
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#67
N-Nitrosodiphenylamine
Concen: 4.751 ng/ul
RT: 15.875 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:169 Resp: 72106
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 34.8 29.4 44.0





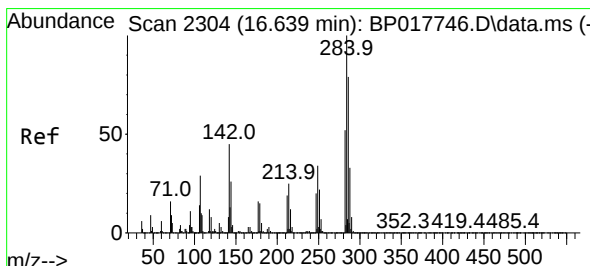
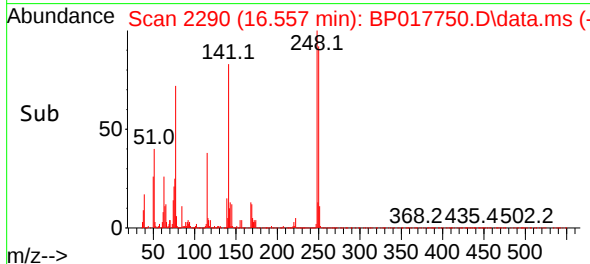
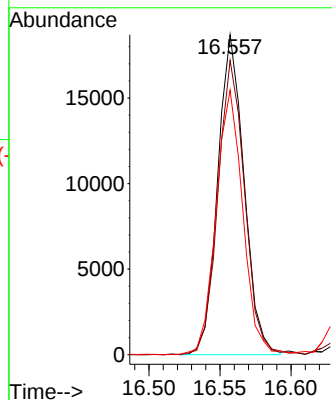
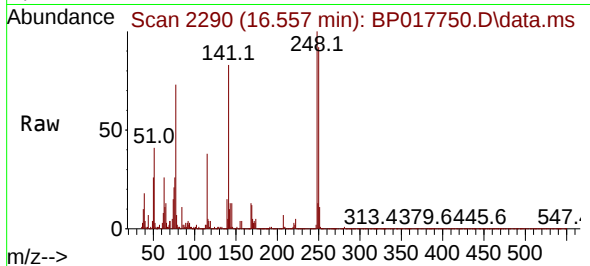
#68
4-Bromophenyl-phenylether
Concen: 4.104 ng/ul
RT: 16.557 min Scan# 210
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:248 Resp: 24058
Ion Ratio Lower Upper
248 100
250 92.0 76.8 115.2
141 82.6 52.4 78.6

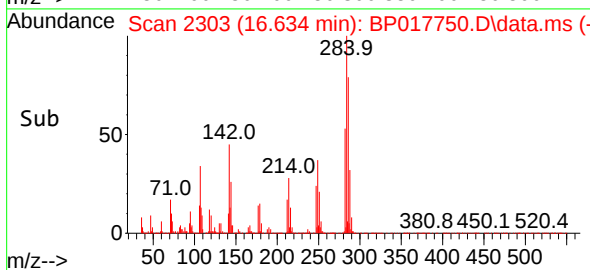
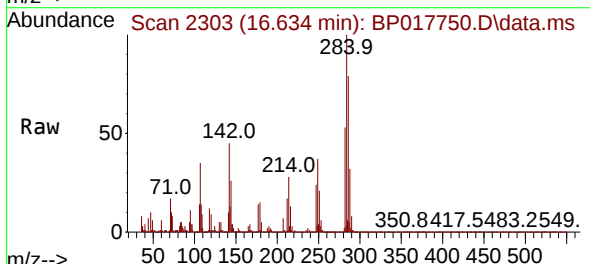
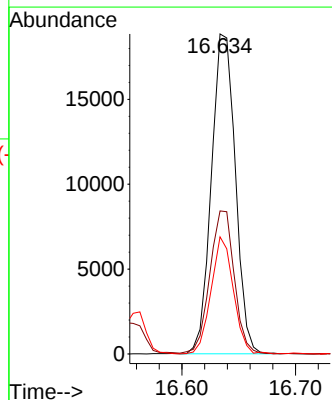
Manual Integrations
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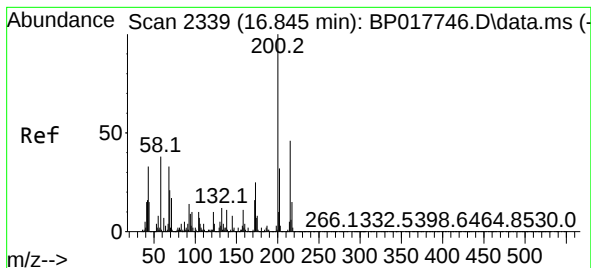
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#69
Hexachlorobenzene
Concen: 4.104 ng/ul
RT: 16.634 min Scan# 2303
Delta R.T. 0.006 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:284 Resp: 27620
Ion Ratio Lower Upper
284 100
142 44.7 27.6 41.4#
249 36.6 24.5 36.7





#70

Atrazine

Concen: 3.044 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

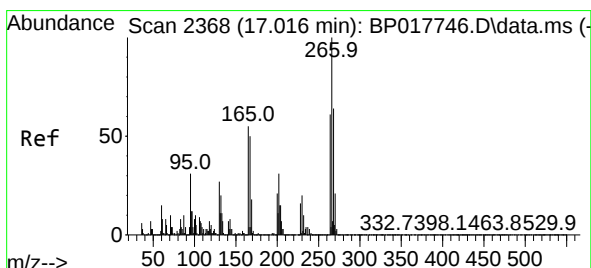
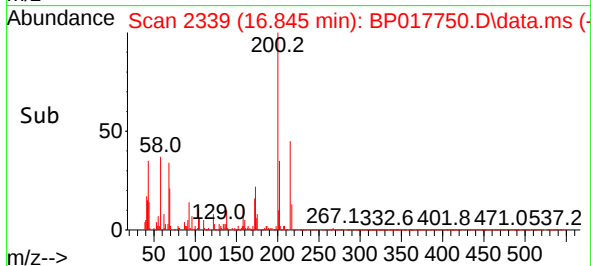
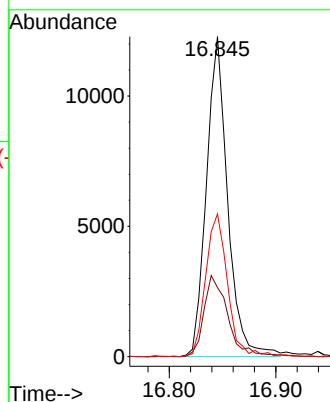
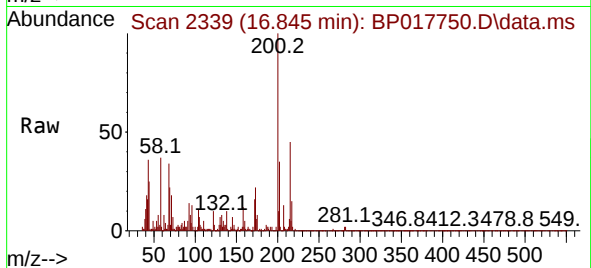
Tgt Ion:200	Resp:	16980
Ion Ratio	Lower	Upper
200	100	
173	21.6	19.8 29.6
215	44.6	38.5 57.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#71

Pentachlorophenol

Concen: 5.324 ng/ul

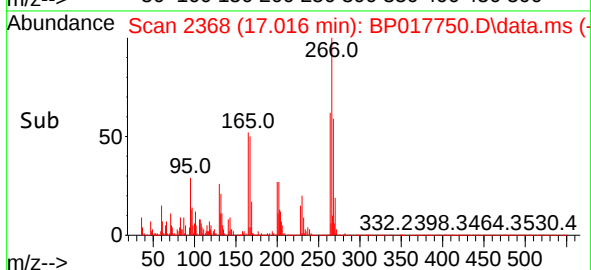
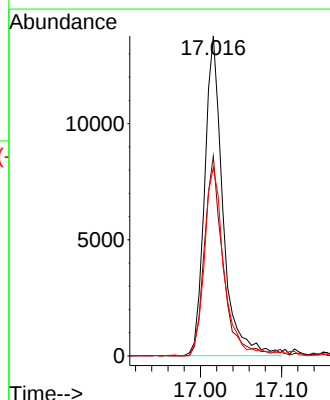
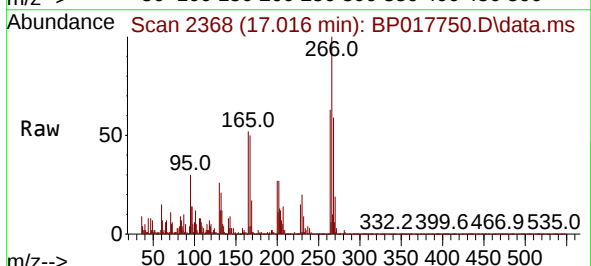
RT: 17.016 min Scan# 2368

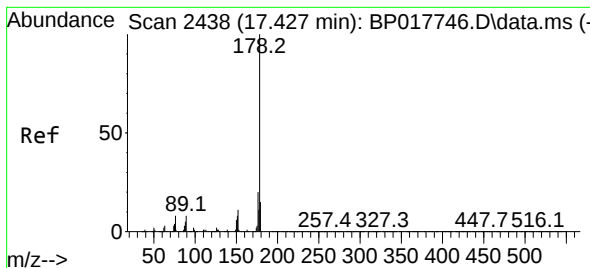
Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Tgt Ion:266	Resp:	21541
Ion Ratio	Lower	Upper
266	100	
264	62.5	49.4 74.2
268	58.9	50.3 75.5





#72

Phenanthrene

Concen: 4.884 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

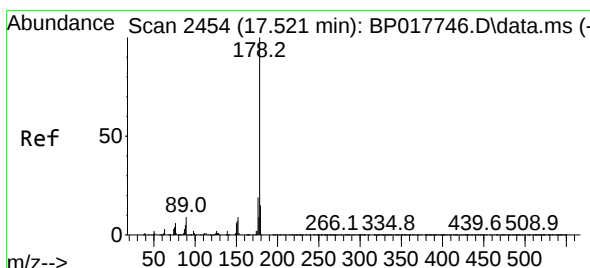
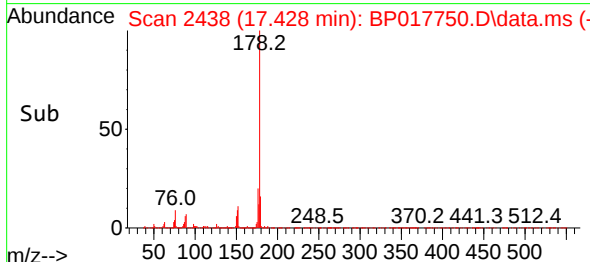
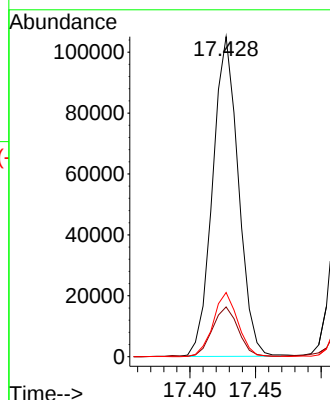
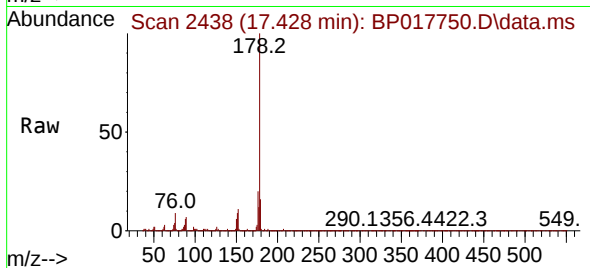
Tgt Ion:178	Resp: 14334
Ion Ratio	Lower Upper
178	100
179	15.6 12.2 18.2
176	20.0 15.3 22.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#74

Anthracene

Concen: 4.603 ng/ul

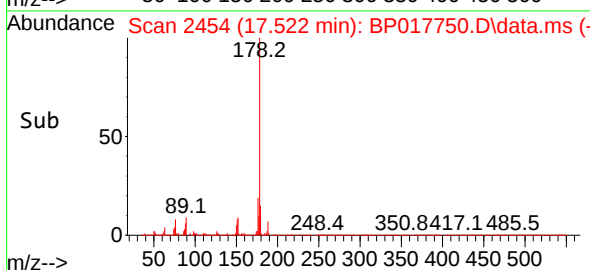
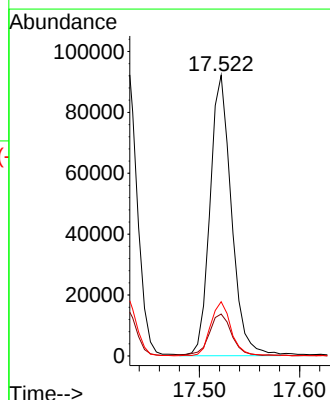
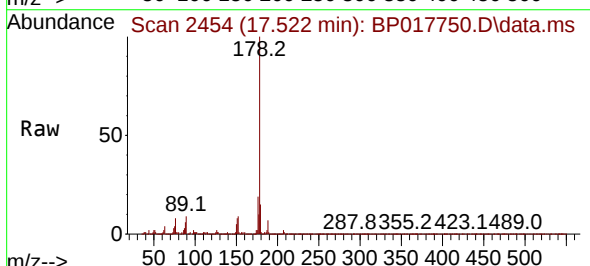
RT: 17.522 min Scan# 2454

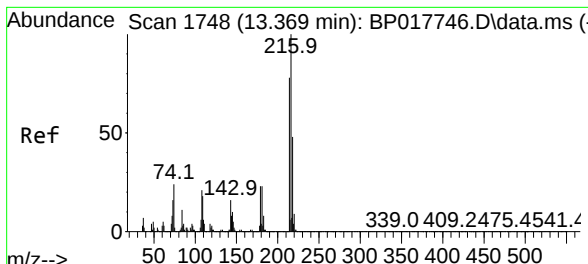
Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Tgt Ion:178	Resp: 136810
Ion Ratio	Lower Upper
178	100
179	15.0 12.0 18.0
176	19.3 14.8 22.2





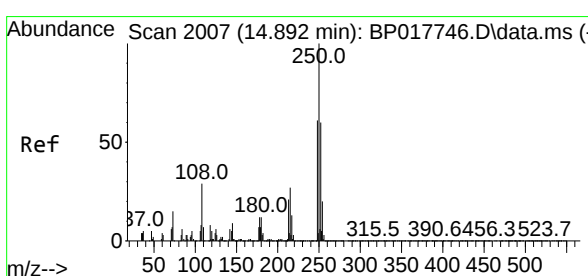
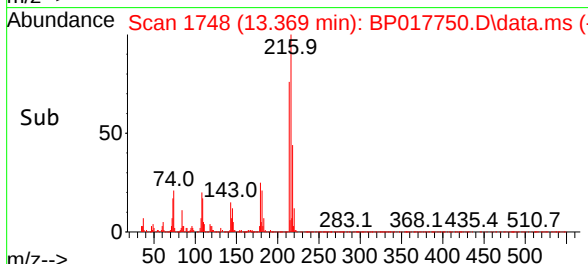
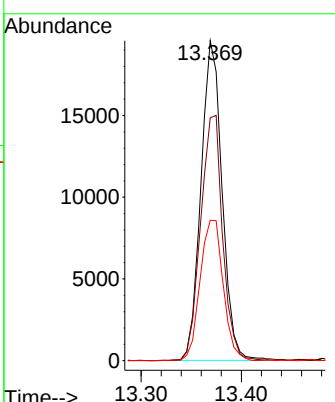
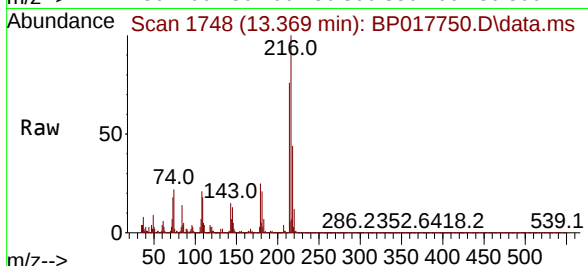
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.411 ng/uL
 RT: 13.369 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP017750.D
 Acq: 23 Oct 2023 13:08

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	216	Resp:	28670
Ion Ratio	Lower	Upper	
216	100		
214	75.9	60.7	91.1
218	43.9	38.2	57.4

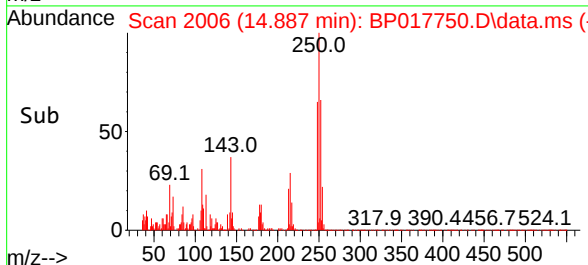
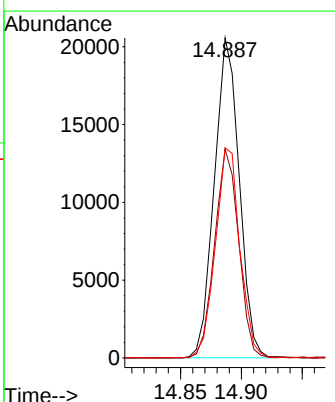
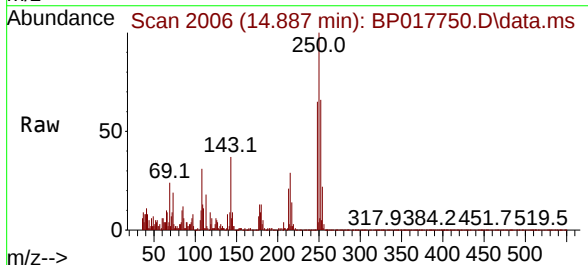
Manual Integrations
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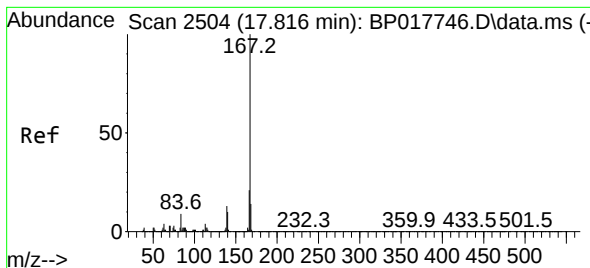
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#76
 Pentachlorobenzene
 Concen: 3.592 ng/uL
 RT: 14.887 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: BP017750.D
 Acq: 23 Oct 2023 13:08

Tgt Ion:	250	Resp:	29263
Ion Ratio	Lower	Upper	
250	100		
248	65.3	50.2	75.4
252	65.7	49.6	74.4





#77

Carbazole

Concen: 4.039 ng/ul

RT: 17.822 min Scan# 2504

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNA_P

ClientSampleId :

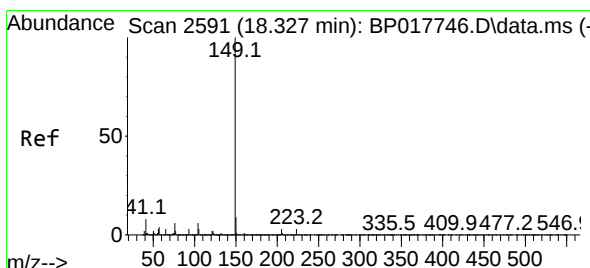
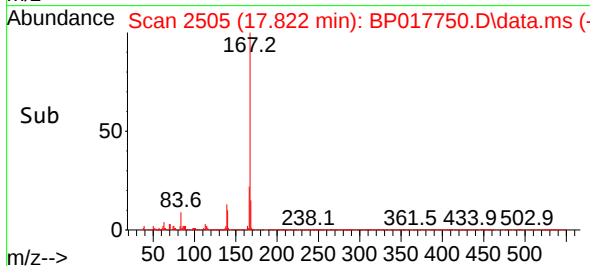
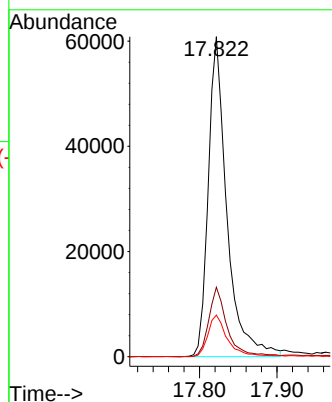
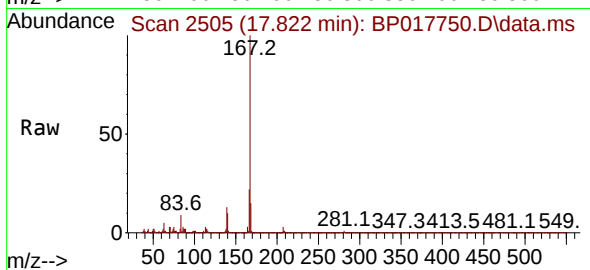
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:167 Resp: 101464
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.7 25.1
 139 13.0 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#78

Di-n-butylphthalate

Concen: 4.176 ng/ul

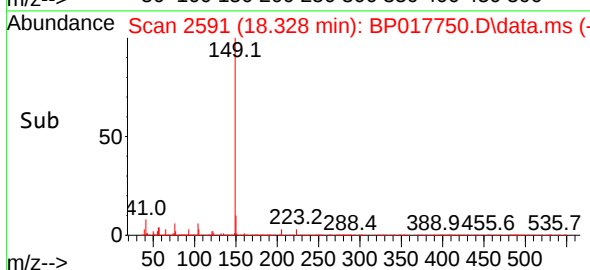
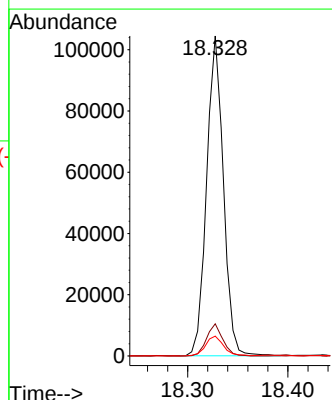
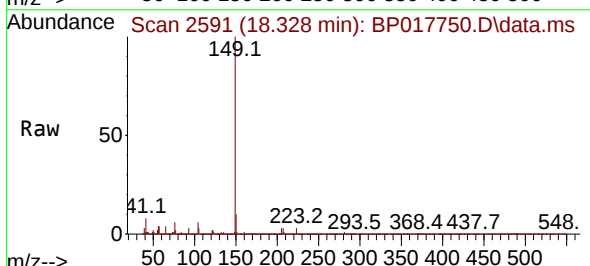
RT: 18.328 min Scan# 2591

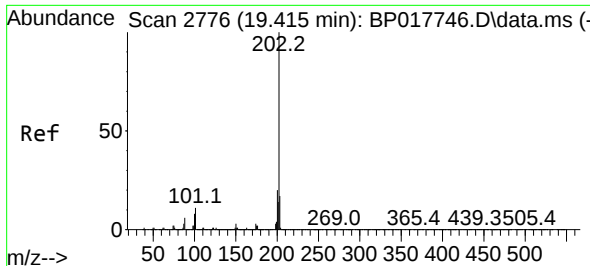
Delta R.T. 0.006 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

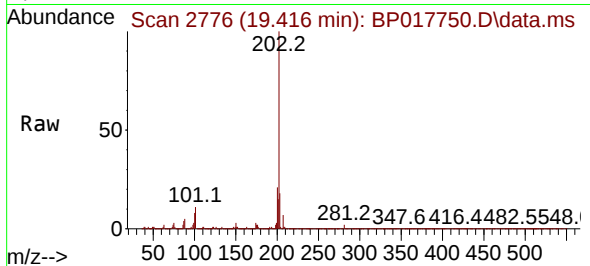
Tgt Ion:149 Resp: 121804
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.2 10.8
 104 6.2 4.3 6.5





#80
Fluoranthene
Concen: 4.965 ng/ul
RT: 19.416 min Scan# 2776
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

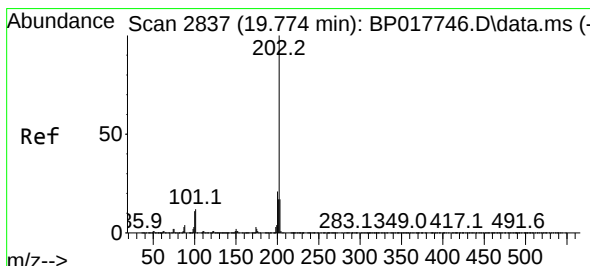
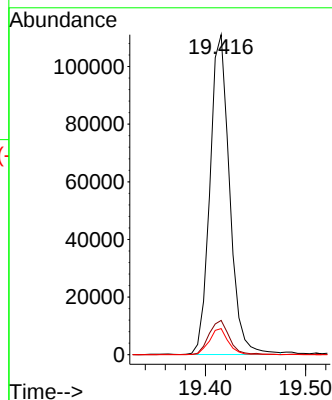
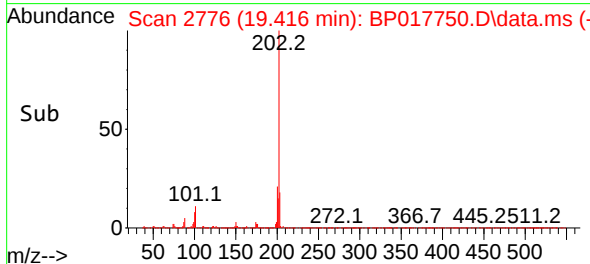
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:202 Resp: 151412
Ion Ratio Lower Upper
202 100
101 10.7 7.1 10.7
100 8.2 5.7 8.5

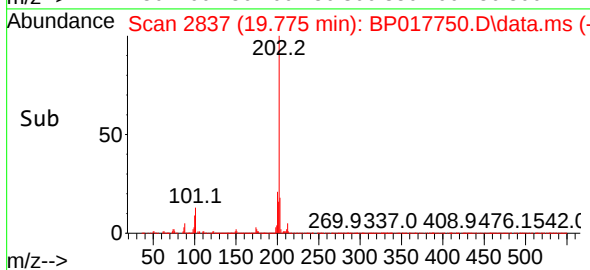
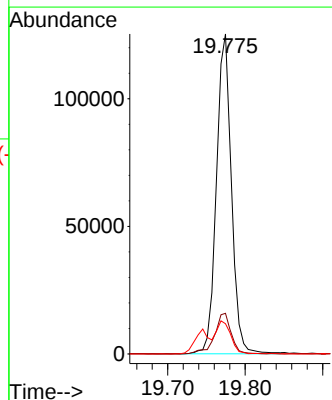
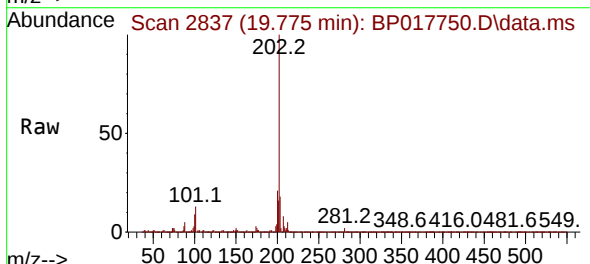
Manual Integrations
APPROVED

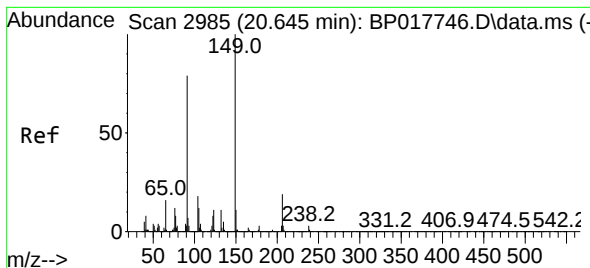
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#82
Pyrene
Concen: 5.227 ng/ul
RT: 19.775 min Scan# 2837
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:202 Resp: 168866
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5
100 9.5 7.4 11.0





#83

Butylbenzylphthalate

Concen: 4.059 ng/ul

RT: 20.645 min Scan# 2985

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

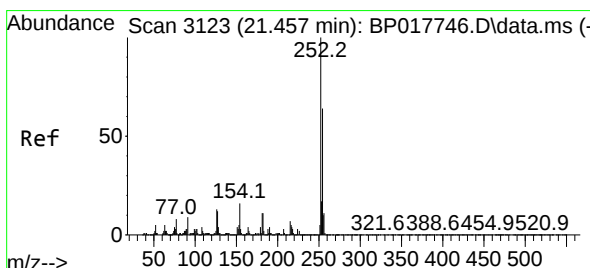
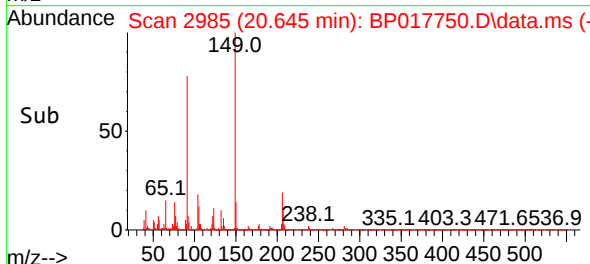
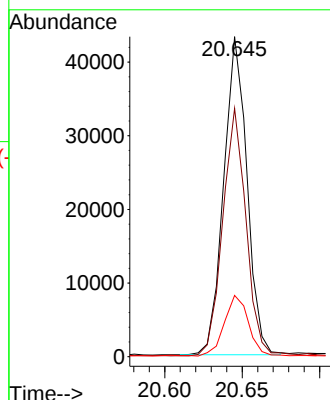
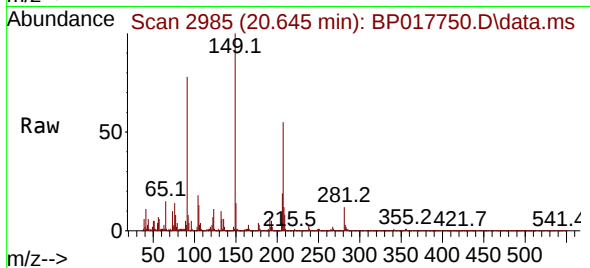
Tgt Ion:	149	Resp:	45098
Ion Ratio	Lower	Upper	
149	100		
91	77.6	58.8	88.2
206	19.1	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.378 ng/ul

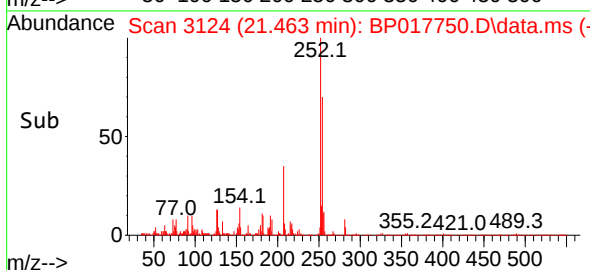
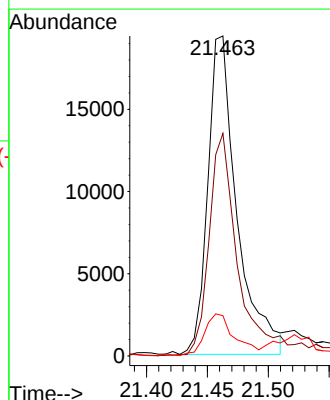
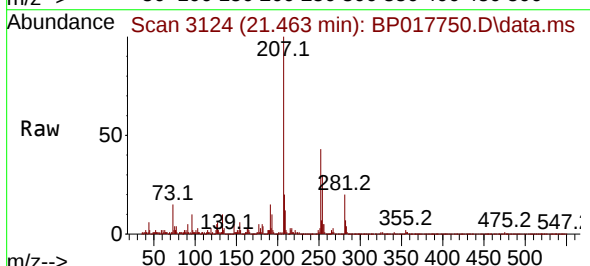
RT: 21.463 min Scan# 3124

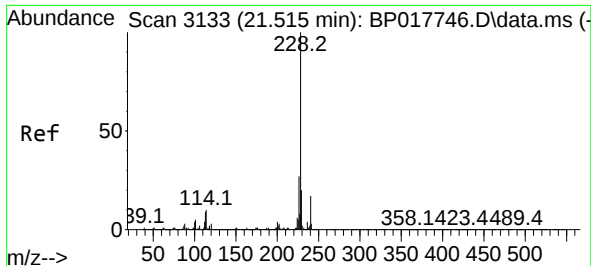
Delta R.T. 0.018 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Tgt Ion:	252	Resp:	32312
Ion Ratio	Lower	Upper	
252	100		
254	69.6	51.8	77.8
126	12.6	7.8	11.6





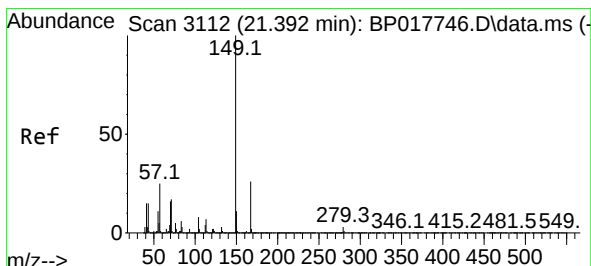
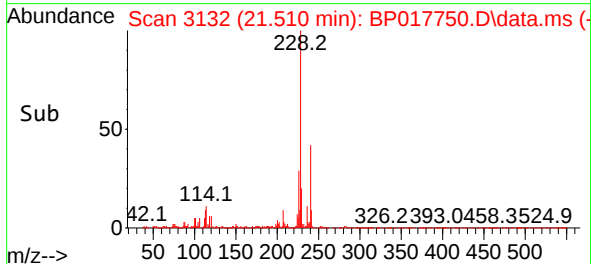
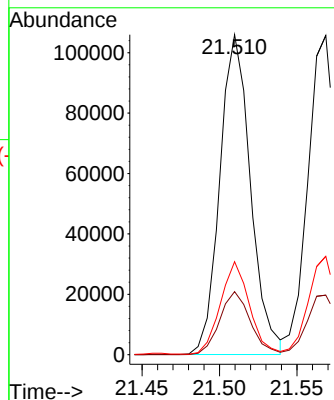
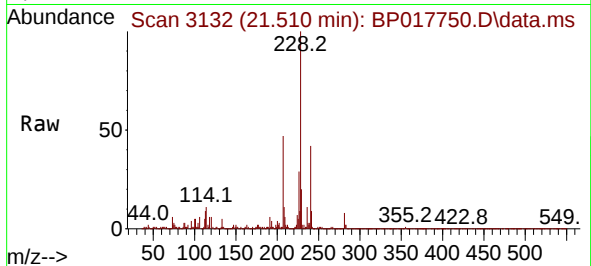
#85
Benzo(a)anthracene
Concen: 4.541 ng/ul
RT: 21.510 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 146138
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 29.1 21.1 31.7

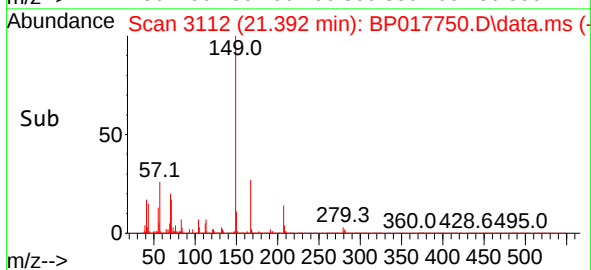
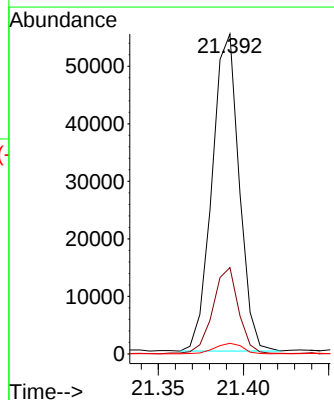
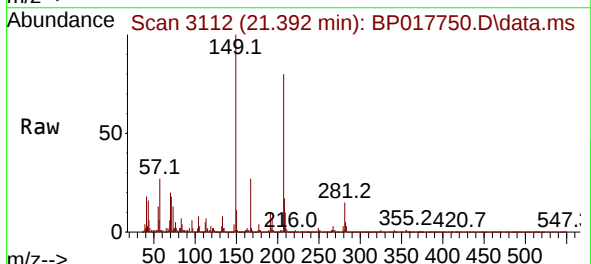
Manual Integrations
APPROVED

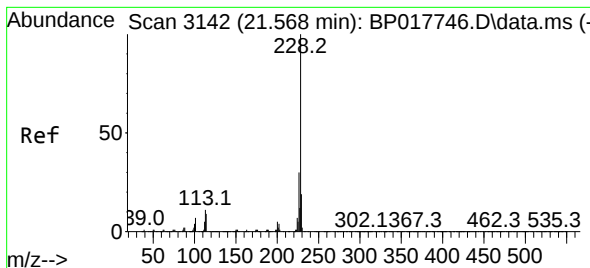
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.934 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:149 Resp: 61020
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 3.3 3.6 5.4#





#87

Chrysene

Concen: 4.748 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNP_P

ClientSampleId :

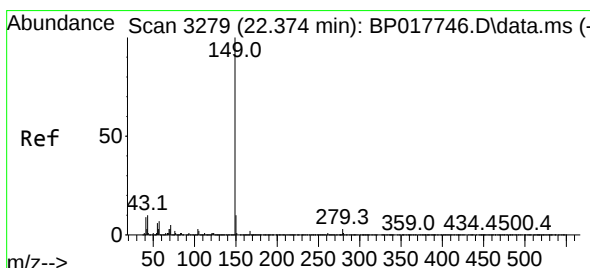
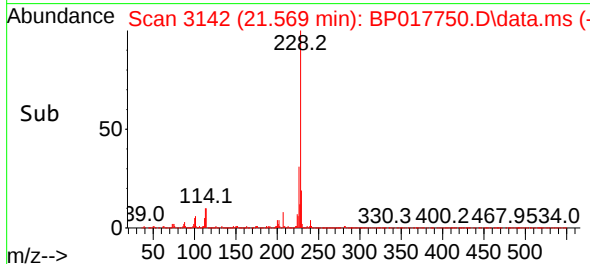
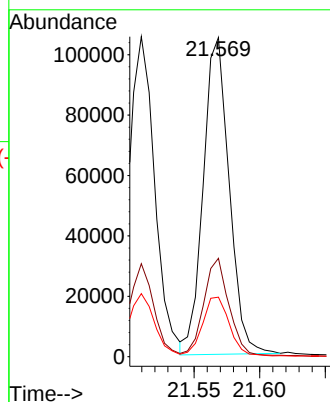
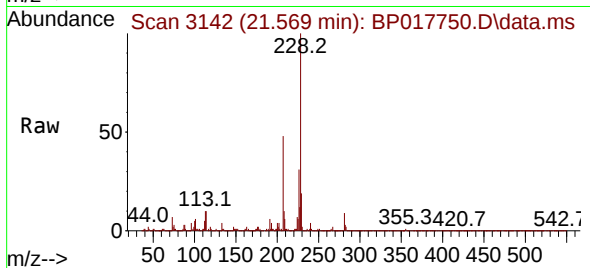
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 144500
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.0 36.0
 229 18.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#89

Di-n-octyl phthalate

Concen: 4.358 ng/ul

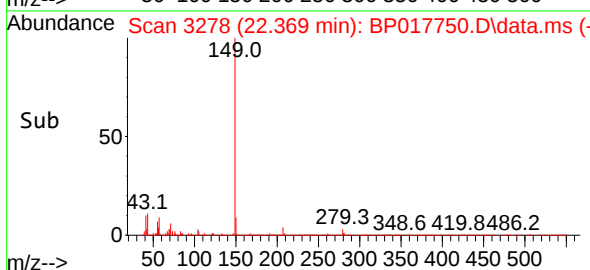
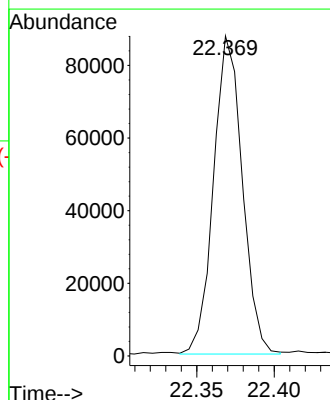
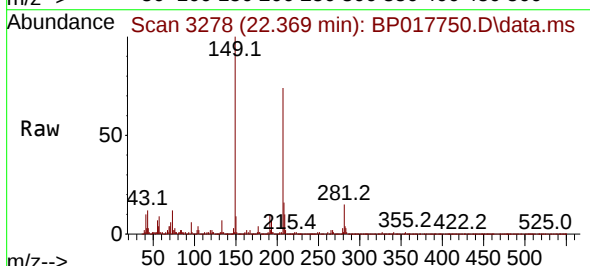
RT: 22.369 min Scan# 3278

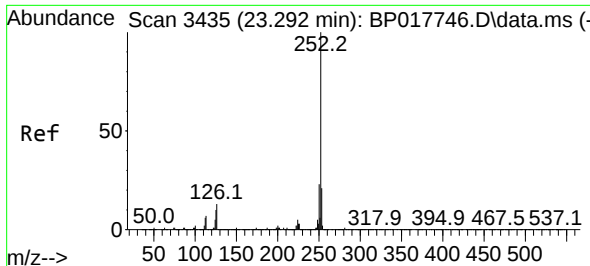
Delta R.T. 0.006 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

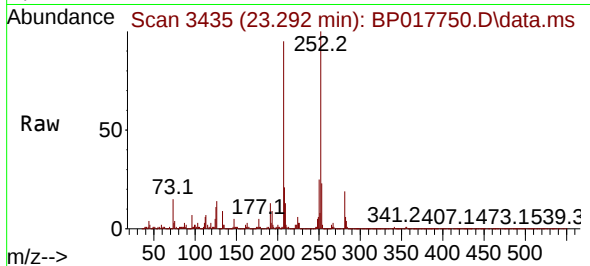
Tgt Ion:149 Resp: 113141





#90
Benzo(b)fluoranthene
Concen: 4.868 ng/ul m
RT: 23.292 min Scan# 3435
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

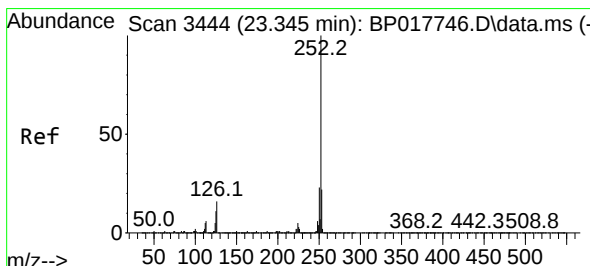
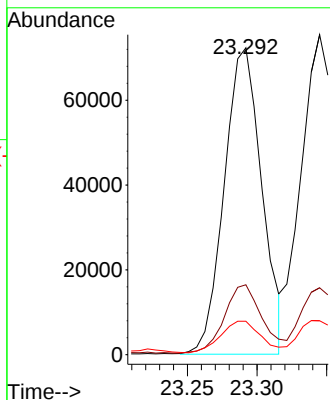
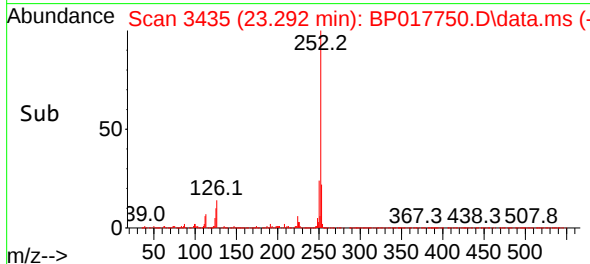
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:252 Resp: 135814
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.9 7.1 10.7

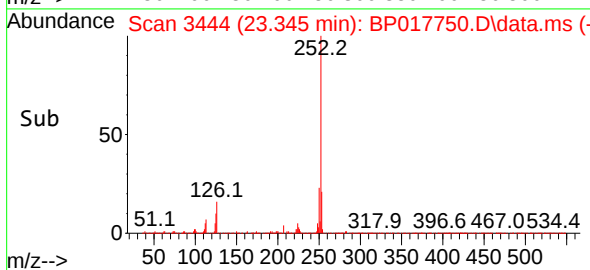
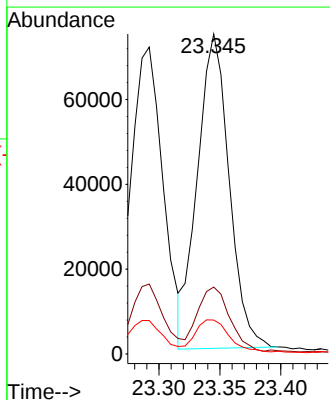
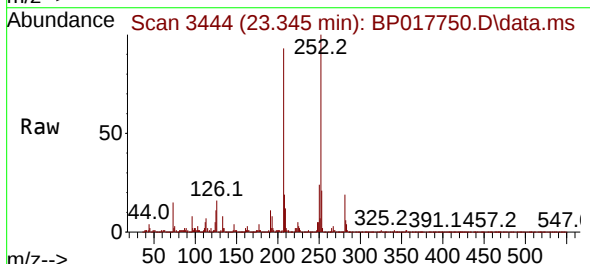
Manual Integrations
APPROVED

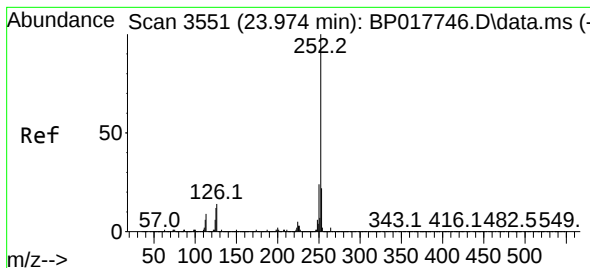
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#91
Benzo(k)fluoranthene
Concen: 4.758 ng/ul
RT: 23.345 min Scan# 3444
Delta R.T. 0.018 min
Lab File: BP017750.D
Acq: 23 Oct 2023 13:08

Tgt Ion:252 Resp: 134511
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 10.6 7.0 10.6





#93

Benzo(a)pyrene

Concen: 4.846 ng/ul

RT: 23.968 min Scan# 3550

Delta R.T. 0.012 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

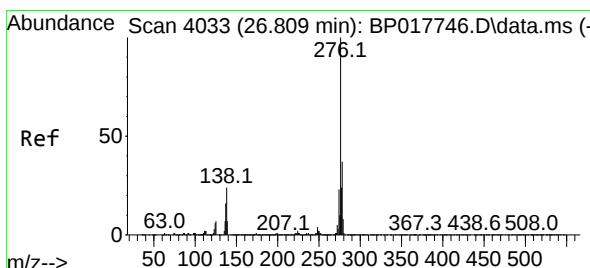
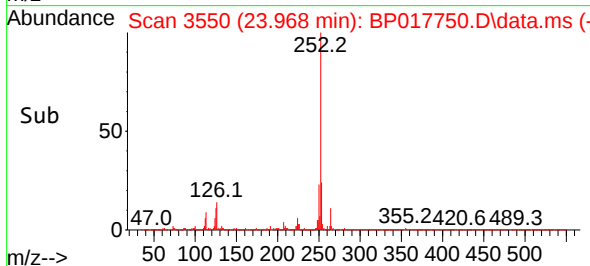
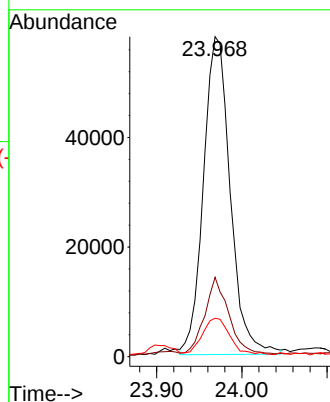
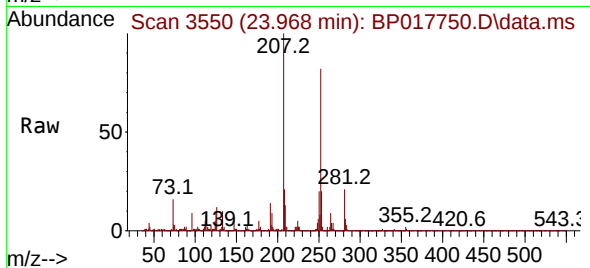
Tgt Ion:	252	Resp:	12690
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.2
125	12.0	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.618 ng/ul

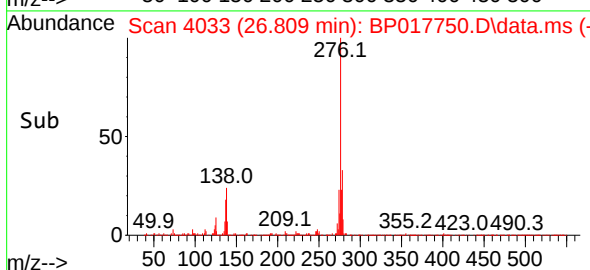
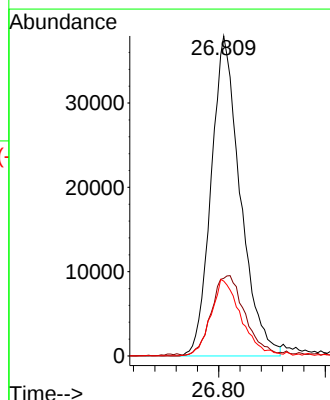
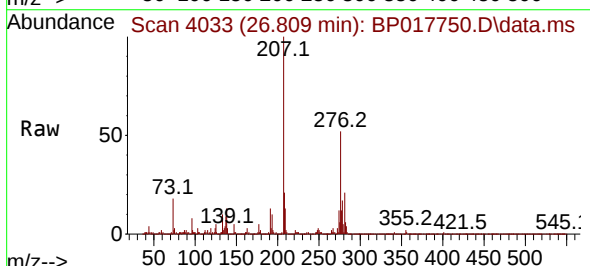
RT: 26.809 min Scan# 4033

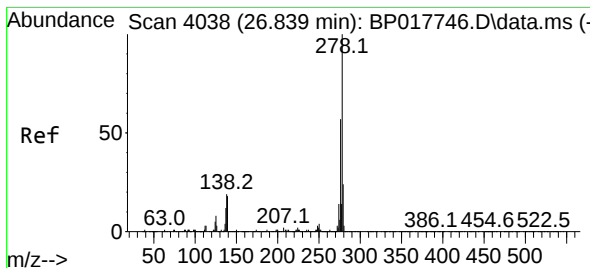
Delta R.T. 0.029 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Tgt Ion:	276	Resp:	144139
Ion Ratio	Lower	Upper	
276	100		
138	24.2	15.6	23.4
277	23.4	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.497 ng/ul

RT: 26.839 min Scan# 4038

Delta R.T. 0.029 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Instrument :

BNP

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

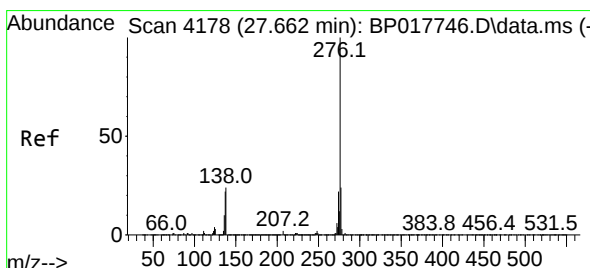
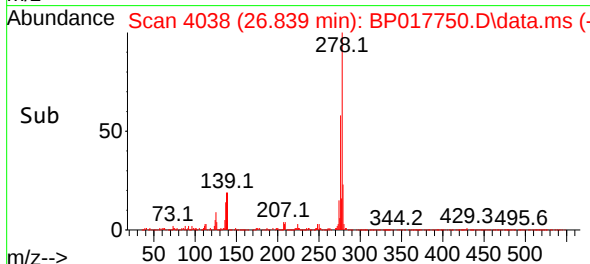
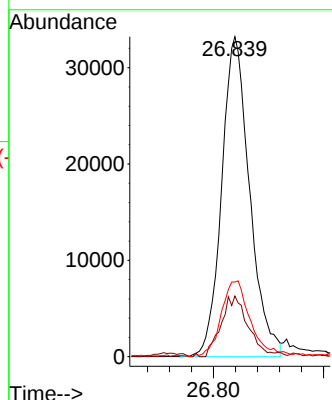
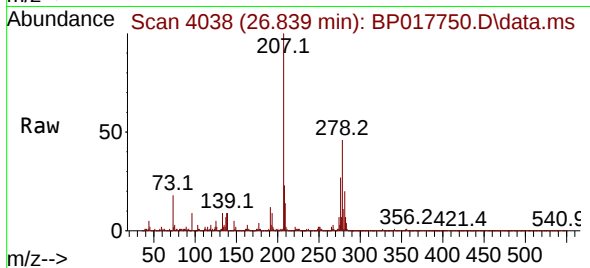
Tgt Ion:	278	Resp:	117109
Ion Ratio	Lower	Upper	
278	100		
139	19.0	11.4	17.2
279	23.3	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#96

Benzo(g,h,i)perylene

Concen: 4.792 ng/ul

RT: 27.656 min Scan# 4177

Delta R.T. 0.029 min

Lab File: BP017750.D

Acq: 23 Oct 2023 13:08

Tgt Ion:	276	Resp:	120511
Ion Ratio	Lower	Upper	
276	100		
138	26.6	15.0	22.6
277	23.0	18.5	27.7

