

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017677.D
 Acq On : 16 Oct 2023 11:58
 Operator : MA/JU
 Sample : 02215-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2023-04

Quant Time: Oct 16 15:59:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	76781	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	302822	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.616	164	187274	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.410	188	438383	20.000	ng/u1	0.01
79) Chrysene-d12	21.551	240	500523	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	590282	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13569	6.516	ng/uL	0.00
4) Pyridine-d5	3.705	84	148246	25.751	ng/u1	0.00
7) Phenol-d5	7.069	99	173174	24.226	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	111785	25.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	140500	25.392	ng/u1	0.01
15) 4-Methylphenol-d8	8.634	113	133990	23.467	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	64050	25.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	67420	23.570	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.375	165	124268	23.115	ng/u1	0.02
31) 4-Chloroaniline-d4	10.922	131	184303	23.918	ng/u1	0.01
46) Dimethylphthalate-d6	14.028	166	404549	24.942	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	438553	25.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	61114m	22.530	ng/u1	0.02
60) Fluorene-d10	15.622	176	366143	26.538	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	52438	16.923	ng/u1	0.01
73) Anthracene-d10	17.510	188	590436	26.090	ng/u1	0.01
81) Pyrene-d10	19.769	212	753405	25.009	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.957	264	881720	26.608	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	2682m	1.214	ng/uL	
5) Pyridine	3.728	79	24514	4.146	ng/u1#	69
6) Benzaldehyde	7.075	77	20931	5.781	ng/u1	86
8) Phenol	7.099	94	28417m	4.006	ng/u1	
10) Bis(2-Chloroethyl)ether	7.352	93	22715	3.990	ng/u1	98
12) 2-Chlorophenol	7.463	128	23424	4.237	ng/u1	94
13) 2-Methylphenol	8.369	108	17570	3.327	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.428	45	29452m	4.010	ng/u1	
16) Acetophenone	8.775	105	33642	3.787	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.734	70	17387	3.867	ng/u1	90
18) 4-Methylphenol	8.705	108	20867	3.635	ng/u1	96
19) Hexachloroethane	8.975	117	10507	4.254	ng/u1	96
22) Nitrobenzene	9.163	77	27750	4.247	ng/u1	100
23) Isophorone	9.681	82	40349	3.425	ng/u1	98
25) 2-Nitrophenol	9.875	139	11230	3.690	ng/u1	90
26) 2,4-Dimethylphenol	9.916	107	23121	3.824	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	27772	3.858	ng/u1	98
29) 2,4-Dichlorophenol	10.399	162	21141	4.075	ng/u1	95
30) Naphthalene	10.799	128	75397	4.283	ng/u1	97
32) 4-Chloroaniline	10.952	127	27379	3.716	ng/u1	91
33) Hexachlorobutadiene	11.022	225	17110	4.266	ng/u1	98
34) Caprolactam	11.781	113	9102m	5.737	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	18485m	3.378	ng/u1	
36) 2-Methylnaphthalene	12.422	142	47946	3.977	ng/u1	96

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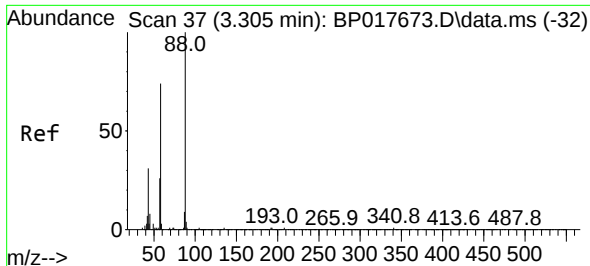
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 Response via : Initial Calibration

Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	50019	4.087	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.775	216	29029	4.249	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	10991	3.581	ng/ul	97
41) 2,4,6-Trichlorophenol	13.046	196	12894	3.065	ng/ul	90
42) 2,4,5-Trichlorophenol	13.128	196	15031m	3.384	ng/ul	
43) 1,1'-Biphenyl	13.440	154	65490	4.267	ng/ul	100
44) 2-Chloronaphthalene	13.487	162	52314	4.260	ng/ul	98
45) 2-Nitroaniline	13.746	65	10818m	3.187	ng/ul	
47) Dimethylphthalate	14.075	163	64372	4.019	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	9158	3.089	ng/ul#	92
50) Acenaphthylene	14.340	152	81515	4.126	ng/ul	97
51) 3-Nitroaniline	14.587	138	8810m	2.947	ng/ul	
52) Acenaphthene	14.681	153	54928	4.180	ng/ul	95
53) 2,4-Dinitrophenol	14.798	184	10268m	5.609	ng/ul	
55) 4-Nitrophenol	14.881	109	10408m	4.095	ng/ul	
56) Dibenzofuran	15.022	168	80273	4.258	ng/ul	98
57) 2,4-Dinitrotoluene	15.028	165	15107	3.301	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	14480	3.524	ng/ul#	91
59) Diethylphthalate	15.440	149	61945	3.856	ng/ul	98
61) Fluorene	15.675	166	67500	4.343	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.669	204	34813	4.212	ng/ul	96
63) 4-Nitroaniline	15.763	138	10701m	3.602	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.781	198	10601m	3.267	ng/ul	
67) N-Nitrosodiphenylamine	15.898	169	49908	3.810	ng/ul	98
68) 4-Bromophenyl-phenylether	16.581	248	20668	3.910	ng/ul	99
69) Hexachlorobenzene	16.657	284	26906m	4.277	ng/ul	
70) Atrazine	16.863	200	16495m	3.254	ng/ul	
71) Pentachlorophenol	17.045	266	14451m	3.793	ng/ul	
72) Phenanthrene	17.451	178	109488	4.245	ng/ul	99
74) Anthracene	17.545	178	107650	4.126	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	29240	4.227	ng/ul	90
76) Pentachlorobenzene	14.910	250	31466	4.433	ng/ul	96
77) Carbazole	17.845	167	84523	3.578	ng/ul	98
78) Di-n-butylphthalate	18.351	149	84029	2.888	ng/ul	100
80) Fluoranthene	19.439	202	122315	3.553	ng/ul	99
82) Pyrene	19.798	202	145113	4.035	ng/ul	98
83) Butylbenzylphthalate	20.669	149	36531	2.611	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	45508	3.550	ng/ul	98
85) Benzo(a)anthracene	21.539	228	150025	3.909	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	47204	2.231	ng/ul	98
87) Chrysene	21.592	228	150899	4.261	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	87910	2.281	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	157010	3.906	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	153719	3.844	ng/ul	96
93) Benzo(a)pyrene	24.016	252	150279	4.015	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.874	276	184050	4.010	ng/ul	97
95) Dibenzo(a,h)anthracene	26.910	278	155603	4.045	ng/ul	94
96) Benzo(g,h,i)perylene	27.727	276	153100	4.194	ng/ul	96

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



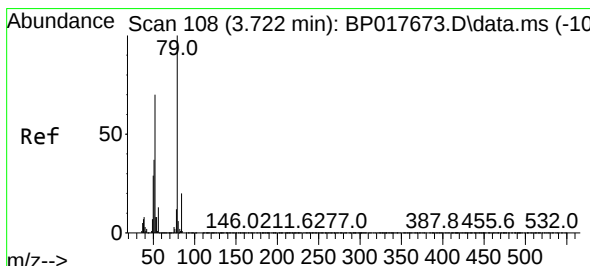
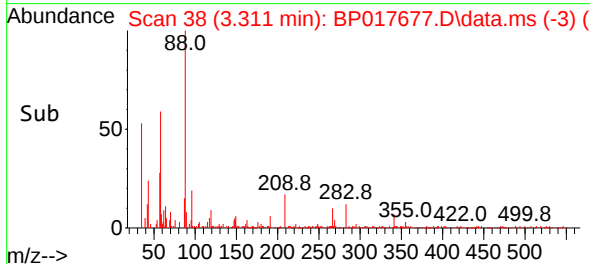
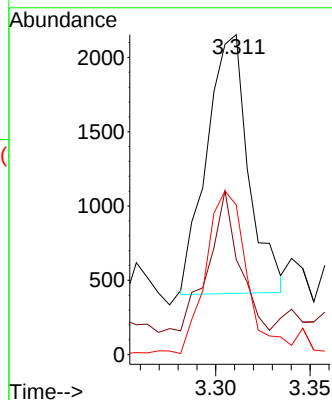
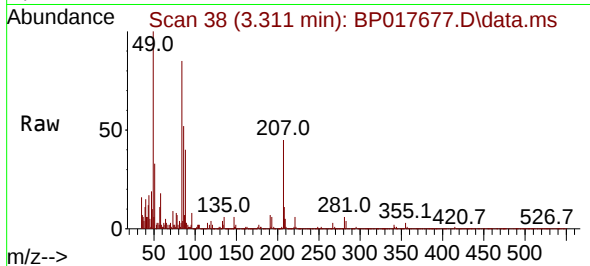
#2
1,4-Dioxane
Concen: 1.214 ng/uL m
RT: 3.311 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion: 88 Resp: 268
Ion Ratio Lower Upper
88 100
43 29.8 27.3 40.9
58 46.8 53.3 79.9

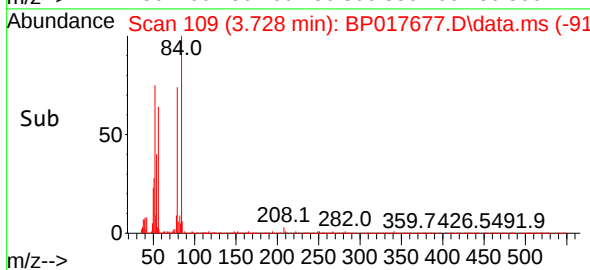
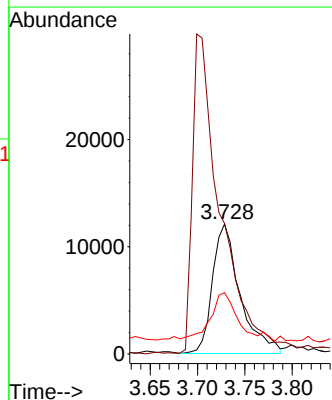
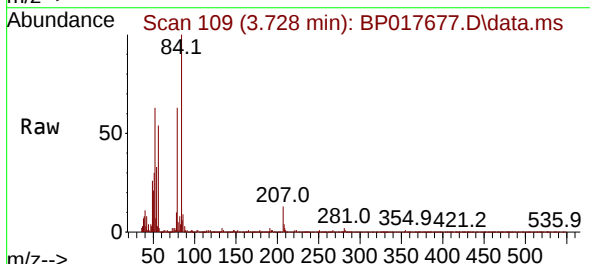
Manual Integrations
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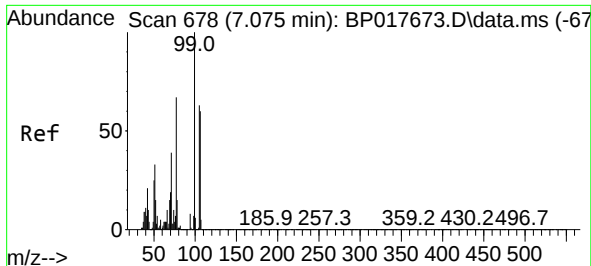
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.146 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion: 79 Resp: 24514
Ion Ratio Lower Upper
79 100
52 100.4 55.8 83.6#
51 47.2 28.7 43.1#





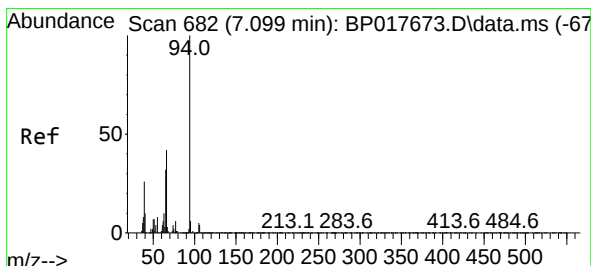
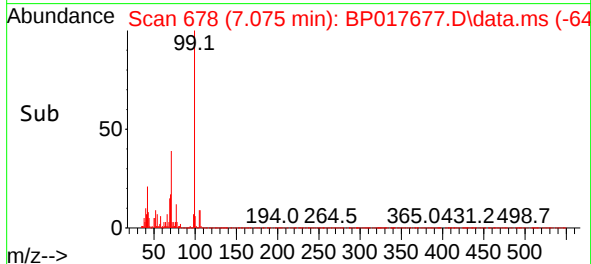
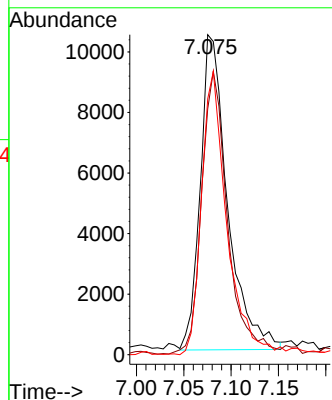
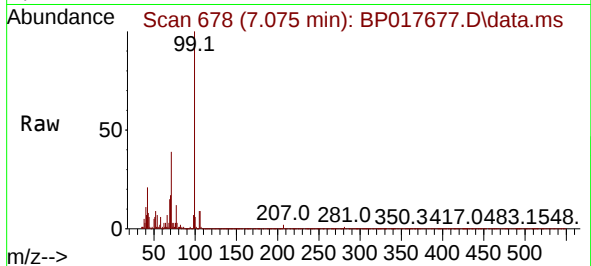
#6
Benzaldehyde
Concen: 5.781 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion: 77 Resp: 2093
Ion Ratio Lower Upper
77 100
105 76.8 74.9 112.3
106 80.0 72.2 108.2

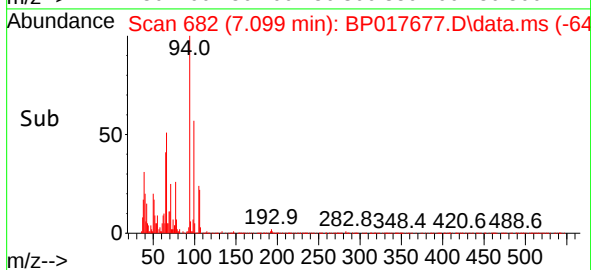
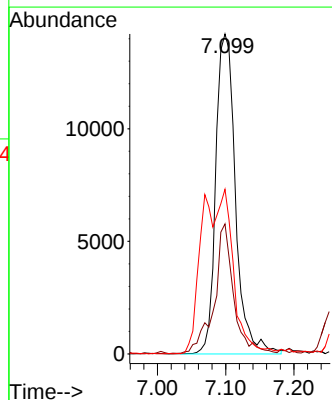
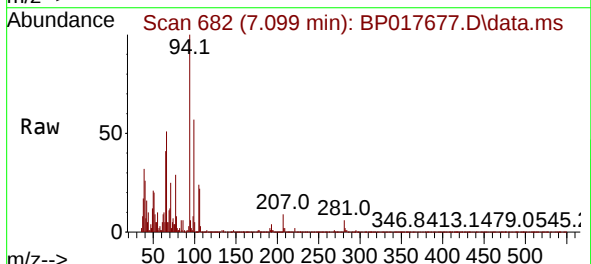
Manual Integrations
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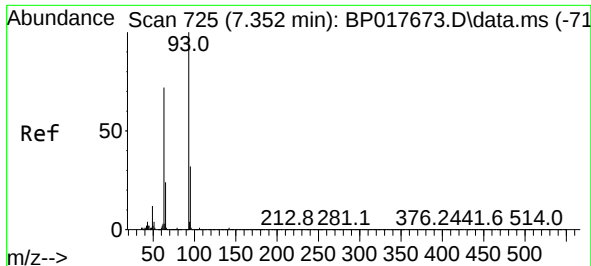
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.006 ng/ul m
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

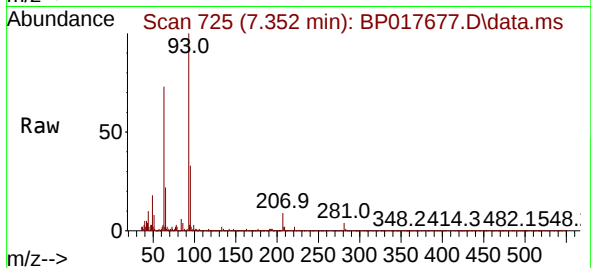
Tgt Ion: 94 Resp: 28417
Ion Ratio Lower Upper
94 100
65 40.6 24.2 36.4#
66 51.5 31.8 47.6#





#10
Bis(2-Chloroethyl)ether
Concen: 3.990 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

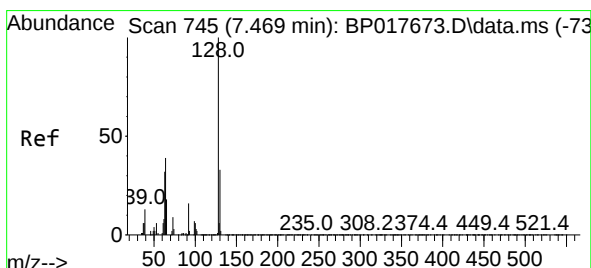
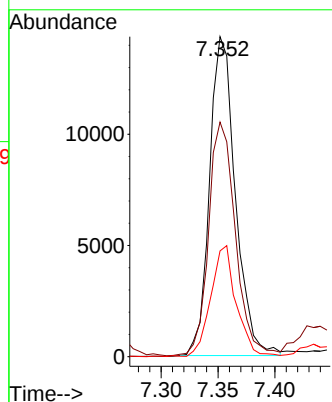
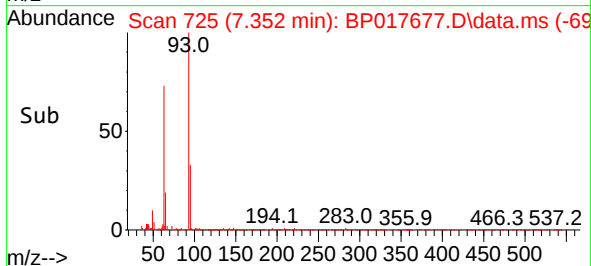
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 22715
Ion Ratio Lower Upper
93 100
63 73.3 59.4 89.2
95 33.1 25.3 37.9

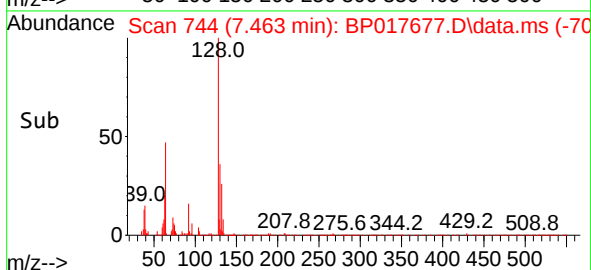
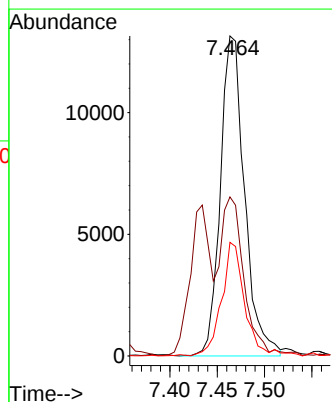
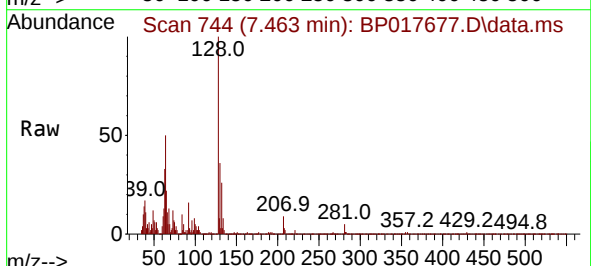
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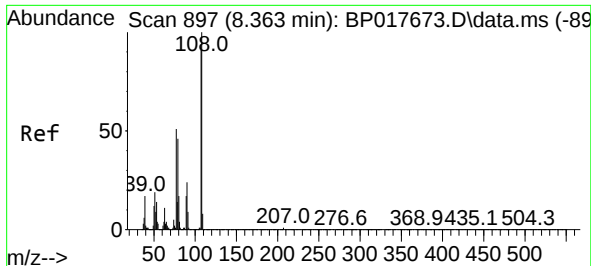
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.237 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:128 Resp: 23424
Ion Ratio Lower Upper
128 100
64 49.7 36.9 55.3
130 35.5 25.8 38.8





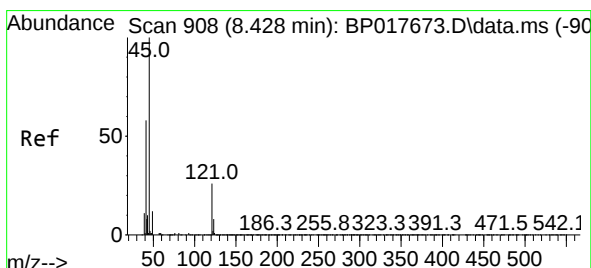
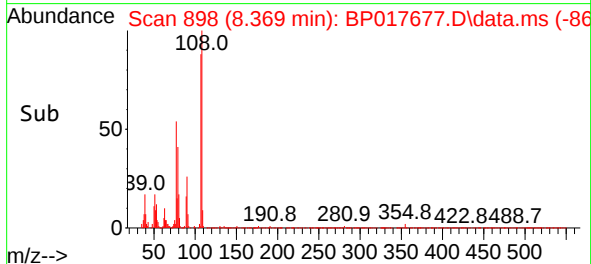
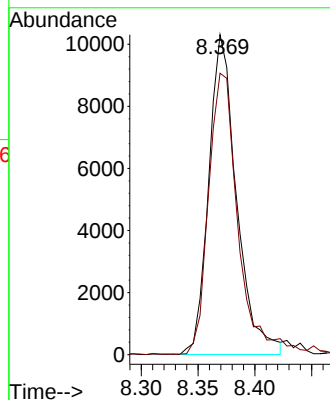
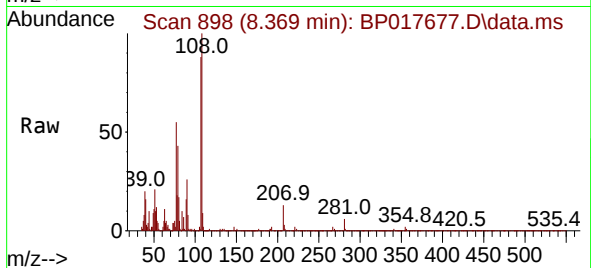
#13
2-Methylphenol
Concen: 3.327 ng/ul
RT: 8.369 min Scan# 897
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 17570
Ion Ratio Lower Upper
108 100
107 87.9 70.2 105.2

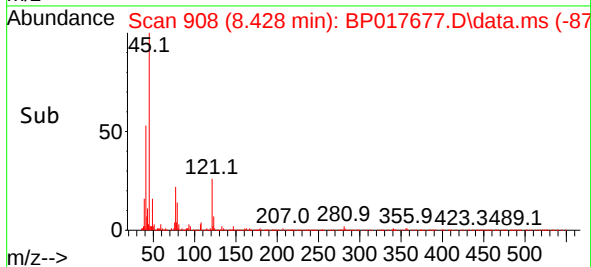
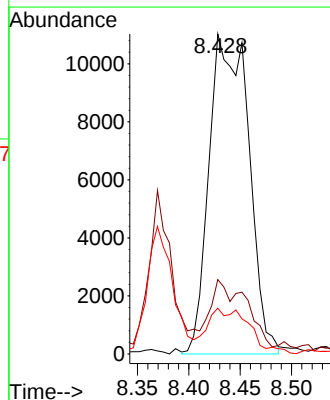
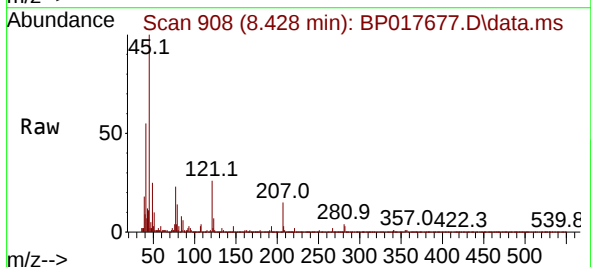
Manual Integrations
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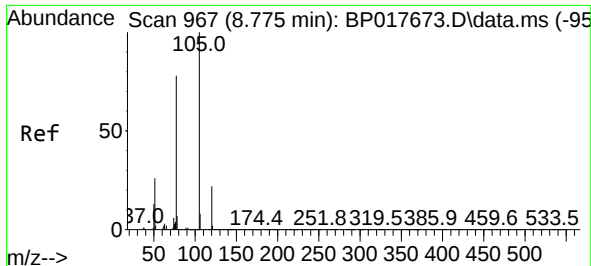
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.010 ng/ul m
RT: 8.428 min Scan# 908
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion: 45 Resp: 29452
Ion Ratio Lower Upper
45 100
77 23.2 13.0 19.6#
79 14.3 9.5 14.3#





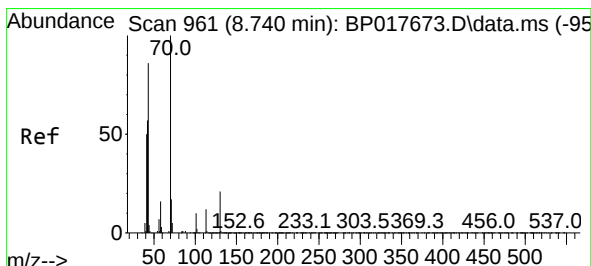
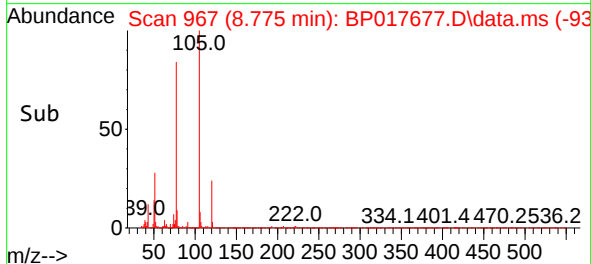
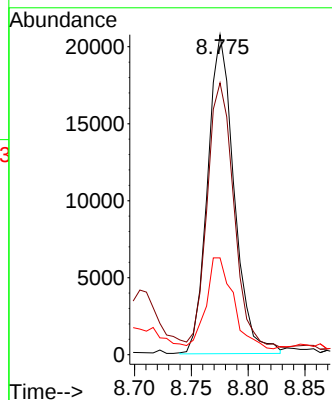
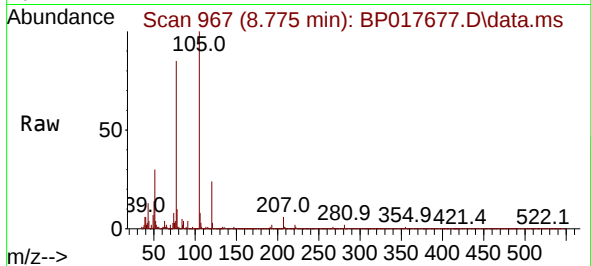
#16
Acetophenone
Concen: 3.787 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.9	64.3	96.5
51	30.3	22.6	33.8

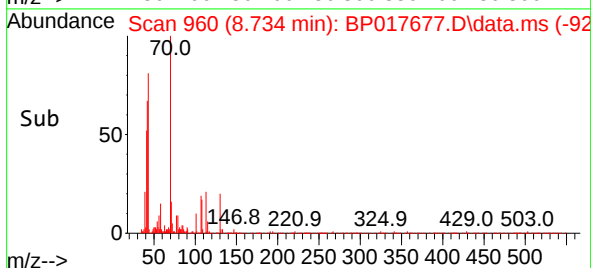
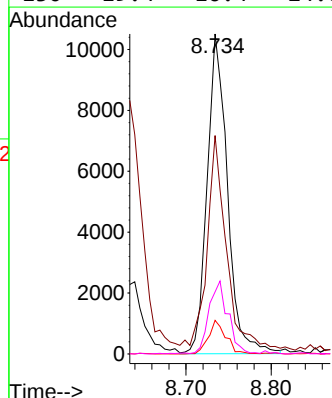
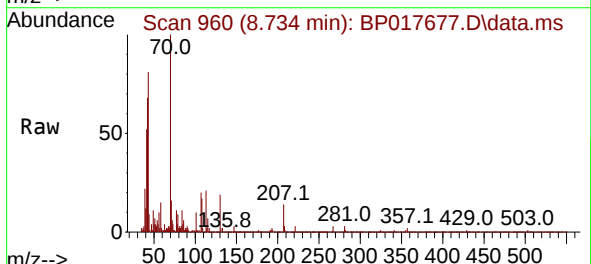
Manual Integrations
APPROVED

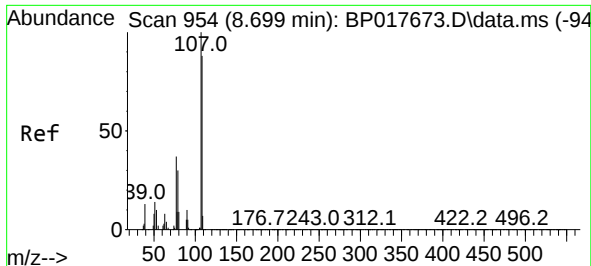
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.867 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.3	46.6	70.0
101	10.5	7.8	11.6
130	19.4	16.4	24.6





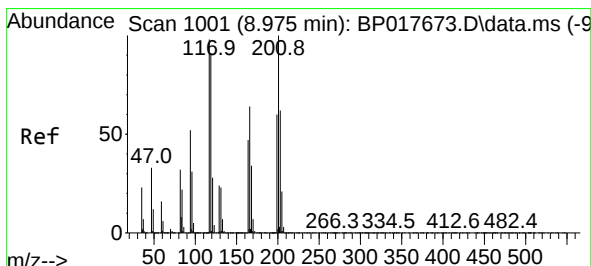
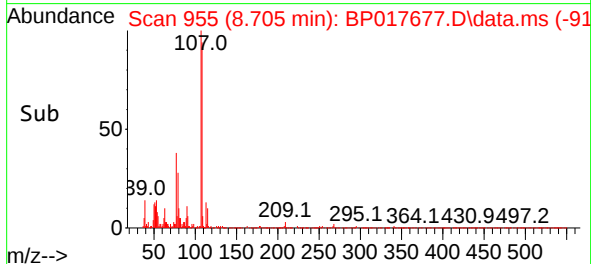
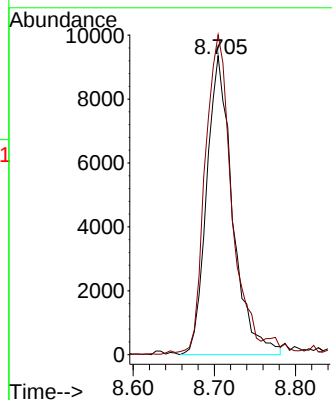
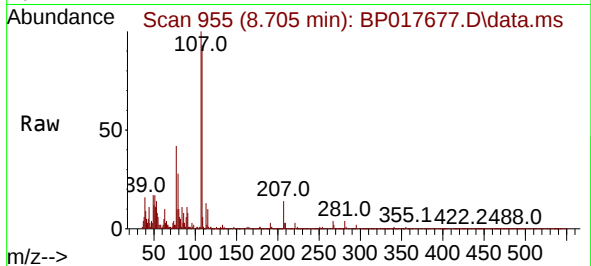
#18
4-Methylphenol
Concen: 3.635 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 2086
Ion Ratio Lower Upper
108 100
107 107.1 89.4 134.2

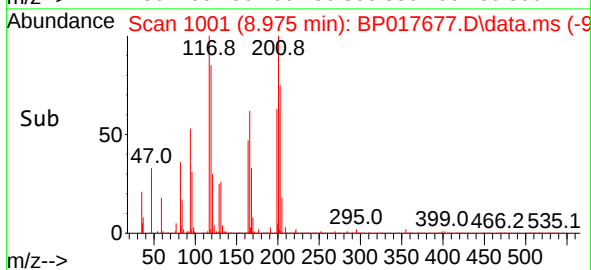
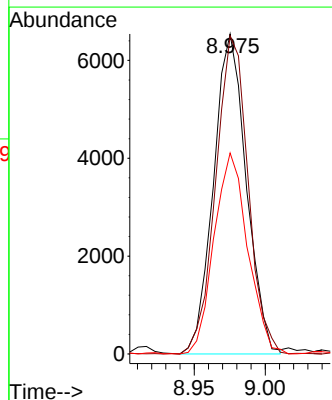
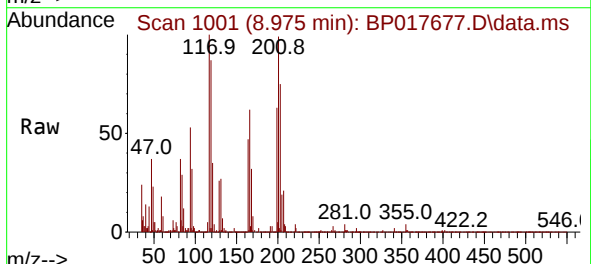
Manual Integrations
APPROVED

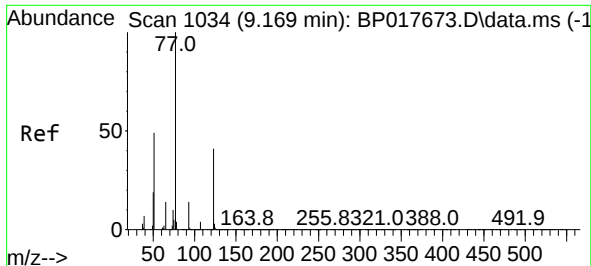
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.254 ng/ul
RT: 8.975 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

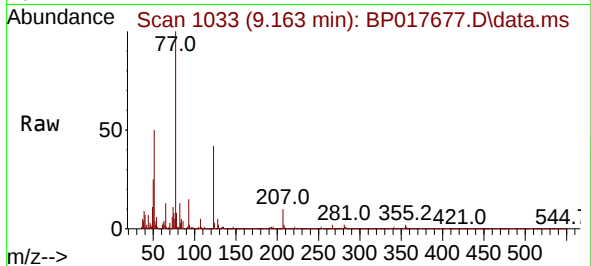
Tgt Ion:117 Resp: 10507
Ion Ratio Lower Upper
117 100
201 101.4 85.4 128.2
199 68.0 53.7 80.5





#22
Nitrobenzene
Concen: 4.247 ng/ul
RT: 9.163 min Scan# 1034
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

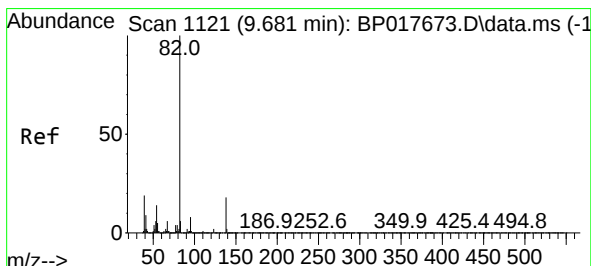
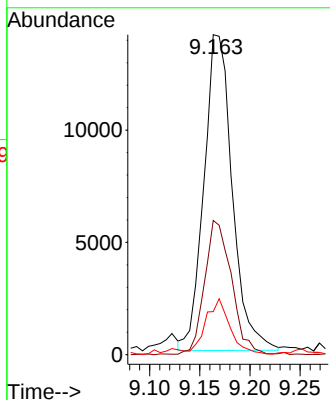
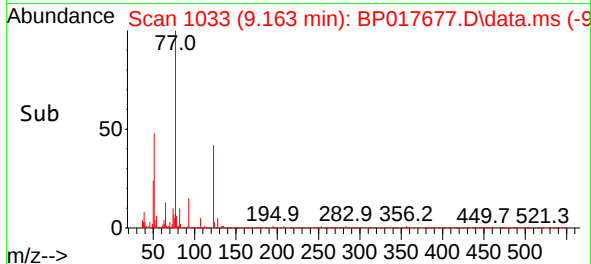
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 77 Resp: 27750
Ion Ratio Lower Upper
77 100
123 42.0 33.8 50.6
65 13.4 10.6 16.0

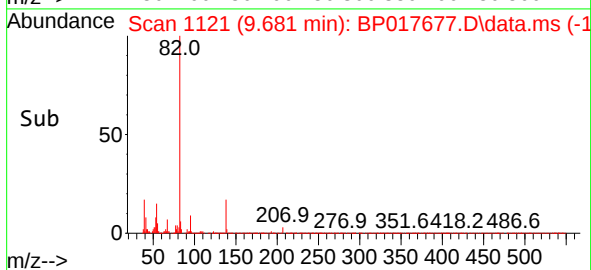
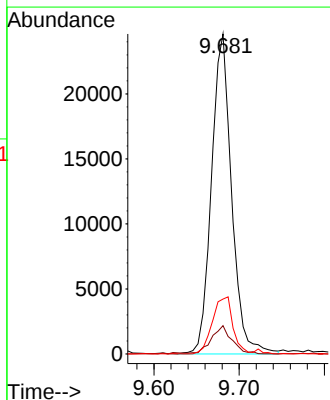
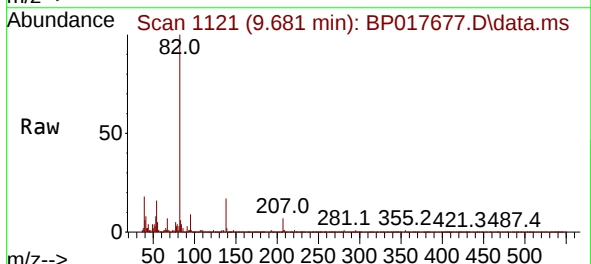
Manual Integrations
APPROVED

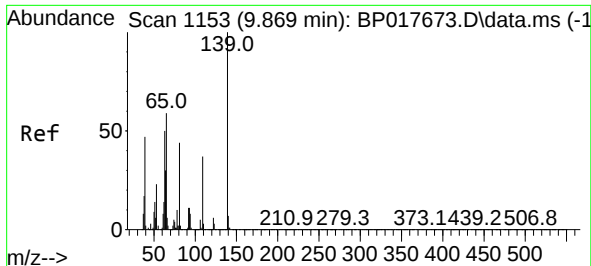
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.425 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

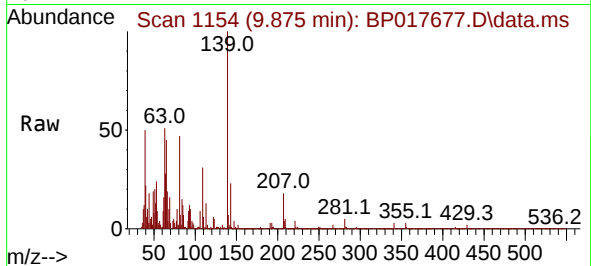
Tgt Ion: 82 Resp: 40349
Ion Ratio Lower Upper
82 100
95 8.8 6.0 9.0
138 17.2 13.9 20.9





#25
2-Nitrophenol
Concen: 3.690 ng/ul
RT: 9.875 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

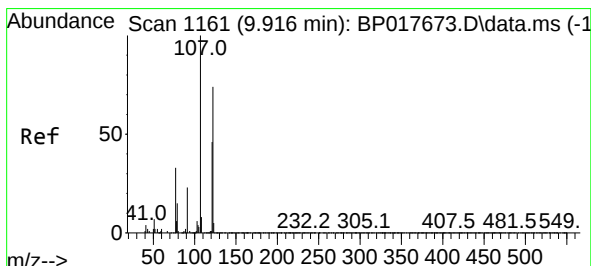
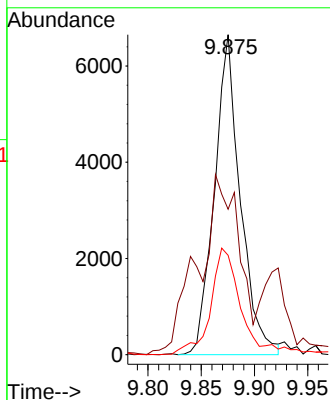
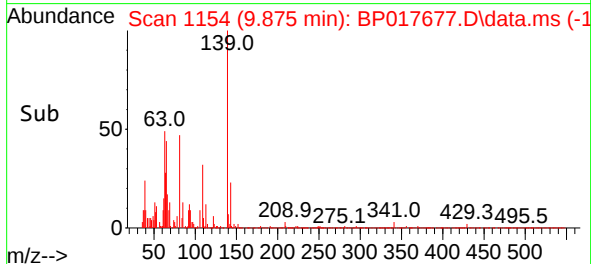
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



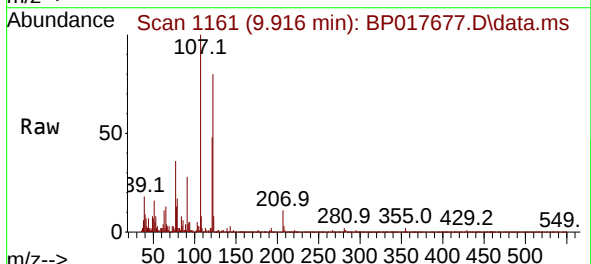
Tgt Ion:139 Resp: 11230
Ion Ratio Lower Upper
139 100
65 45.4 43.4 65.2
109 31.0 28.1 42.1

Manual Integrations
APPROVED

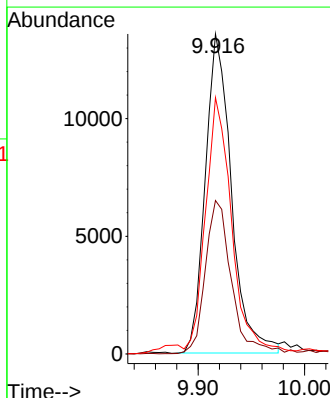
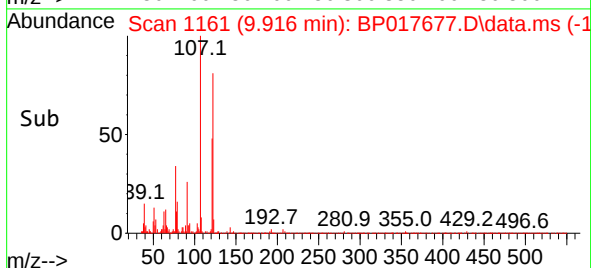
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

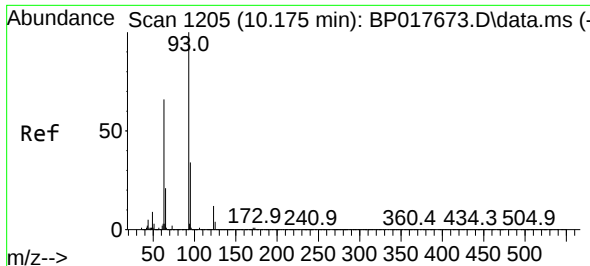


#26
2,4-Dimethylphenol
Concen: 3.824 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58



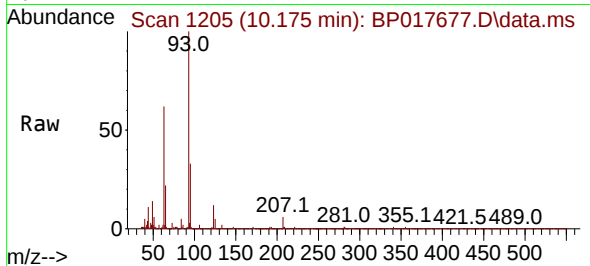
Tgt Ion:107 Resp: 23121
Ion Ratio Lower Upper
107 100
121 47.9 37.6 56.4
122 80.1 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 3.858 ng/ul
RT: 10.175 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

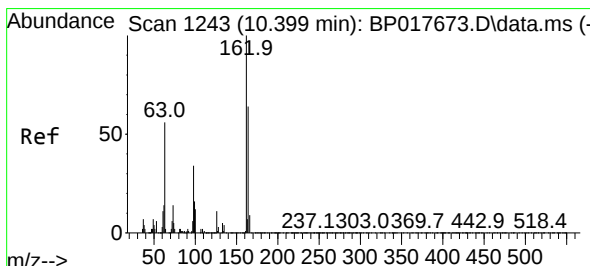
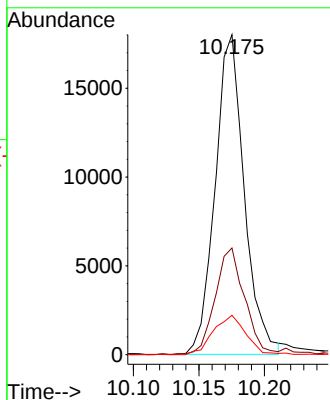
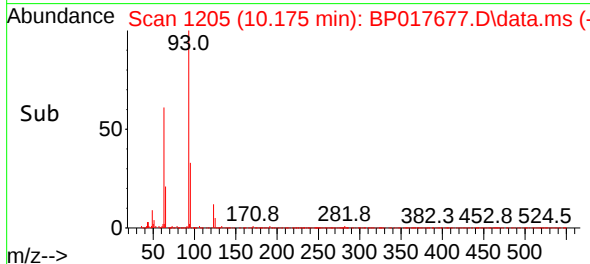
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 2777
Ion Ratio Lower Upper
93 100
95 33.3 25.9 38.9
123 12.3 8.8 13.2

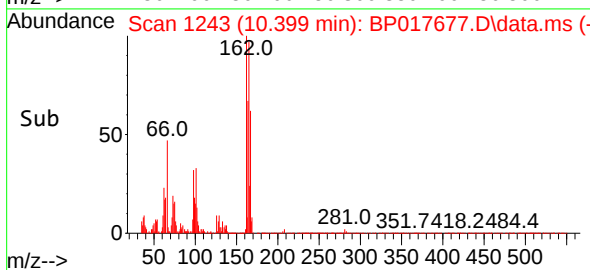
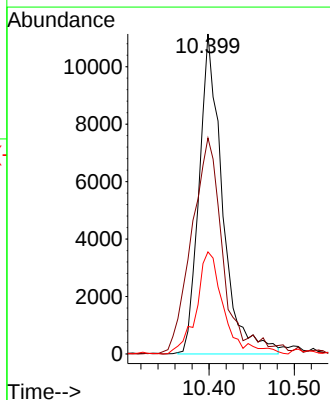
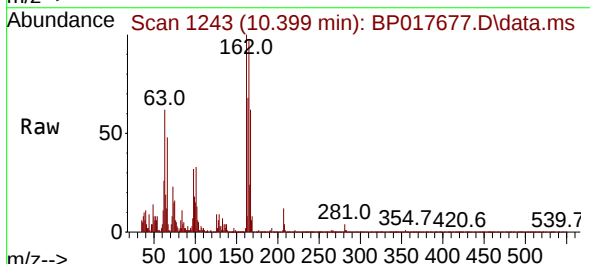
Manual Integrations
APPROVED

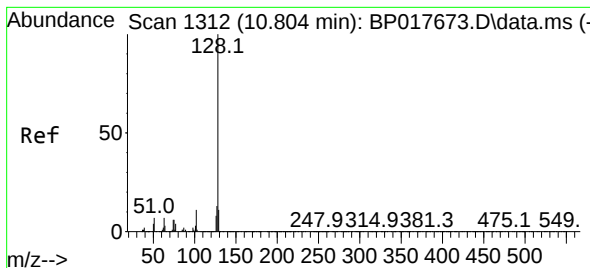
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.075 ng/ul
RT: 10.399 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

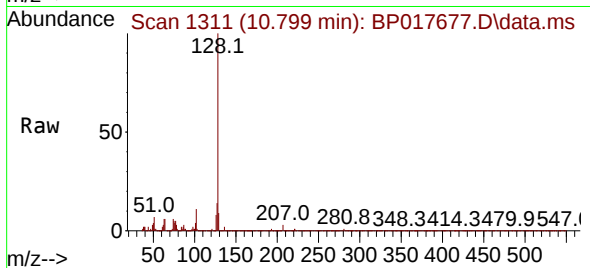
Tgt Ion:162 Resp: 21141
Ion Ratio Lower Upper
162 100
164 67.5 50.5 75.7
98 31.9 27.8 41.8





#30
Naphthalene
Concen: 4.283 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

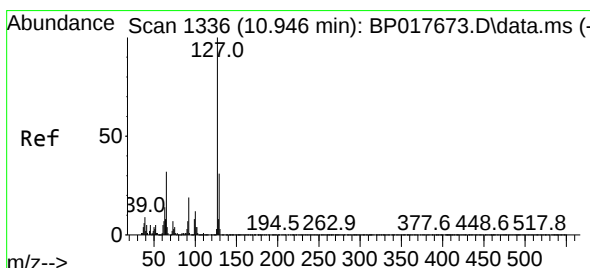
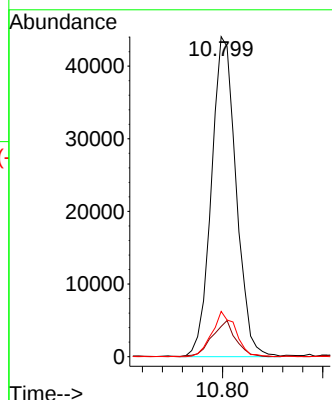
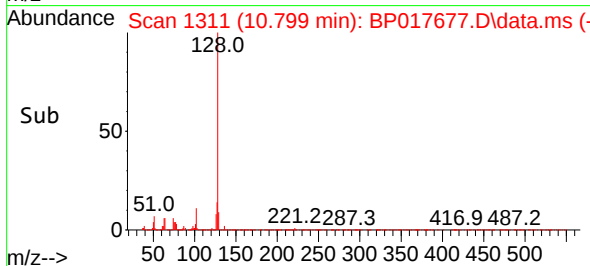
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:128 Resp: 75397
Ion Ratio Lower Upper
128 100
129 9.4 8.9 13.3
127 14.2 10.5 15.7

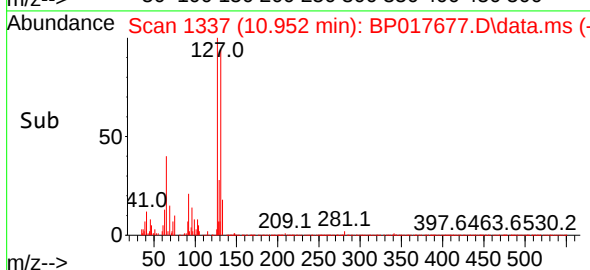
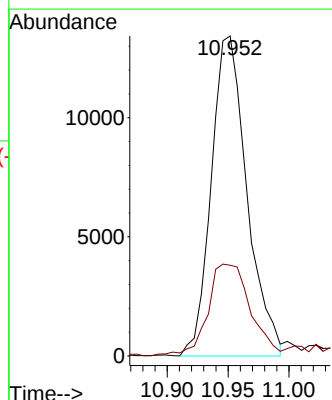
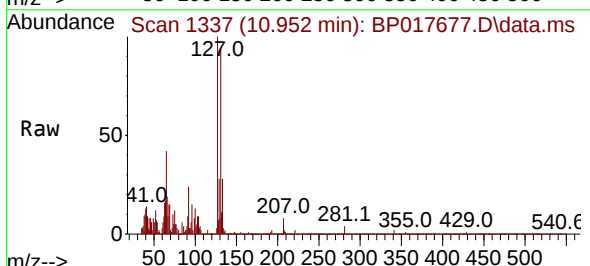
Manual Integrations
APPROVED

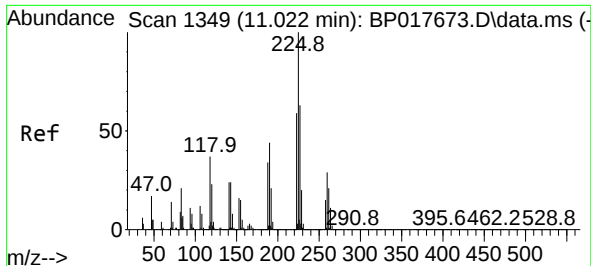
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 3.716 ng/ul
RT: 10.952 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

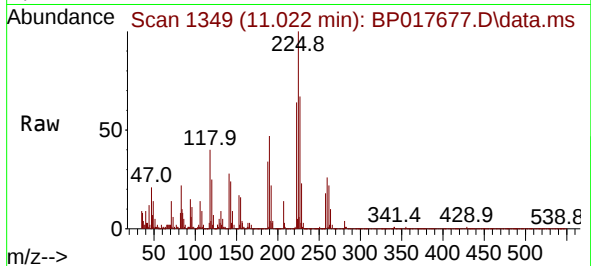
Tgt Ion:127 Resp: 27379
Ion Ratio Lower Upper
127 100
129 28.3 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.266 ng/ul
RT: 11.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

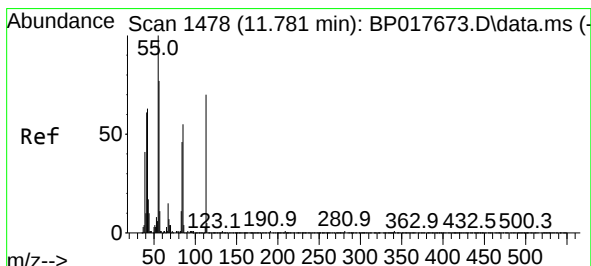
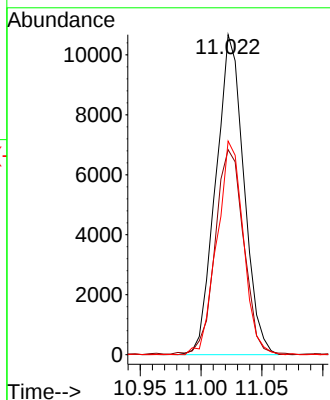
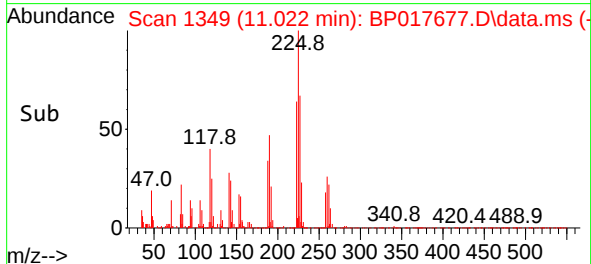
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:225 Resp: 17110
Ion Ratio Lower Upper
225 100
223 60.3 50.2 75.2
227 62.8 51.0 76.4

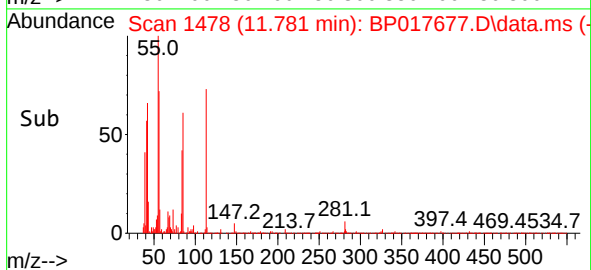
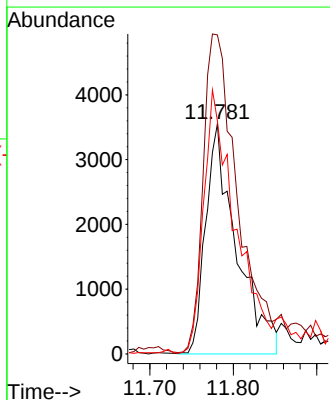
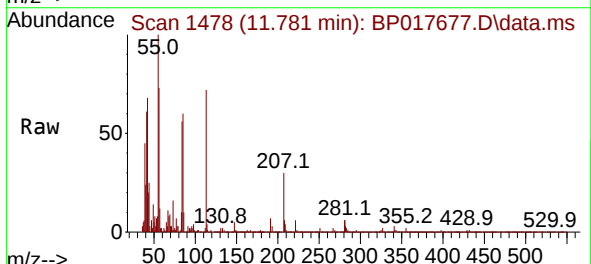
Manual Integrations
APPROVED

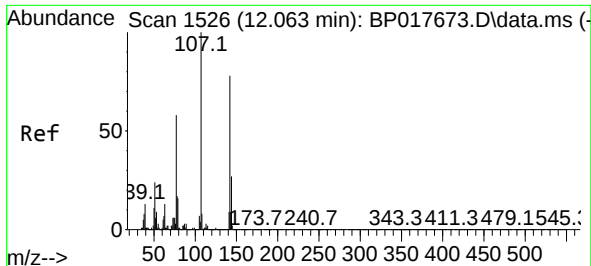
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 5.737 ng/ul m
RT: 11.781 min Scan# 1478
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:113 Resp: 9102
Ion Ratio Lower Upper
113 100
55 138.7 126.9 190.3
56 101.3 97.9 146.9





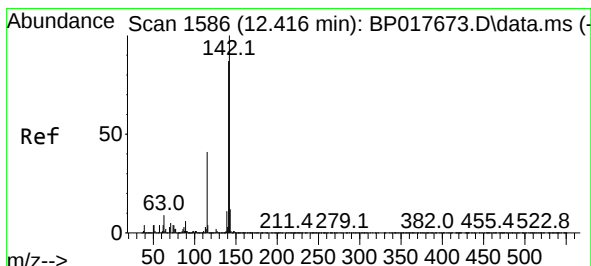
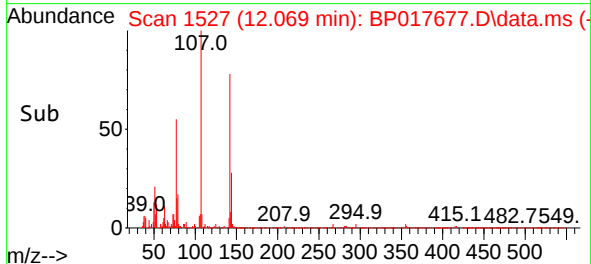
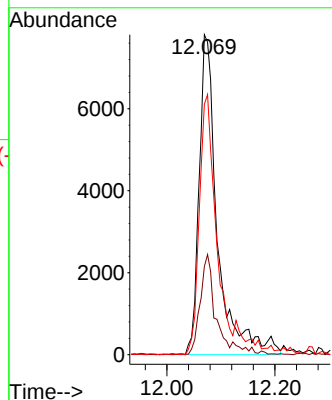
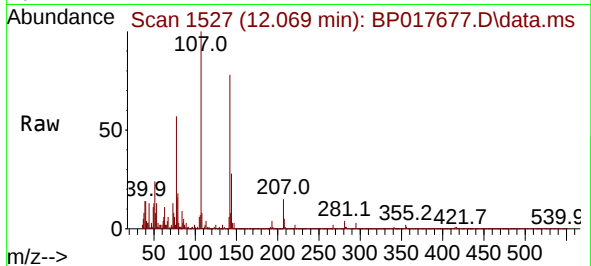
#35
4-Chloro-3-methylphenol
Concen: 3.378 ng/ul m
RT: 12.069 min Scan# 1526
Delta R.T. 0.018 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:107 Resp: 1848
Ion Ratio Lower Upper
107 100
144 27.5 20.1 30.1
142 78.2 63.3 94.9

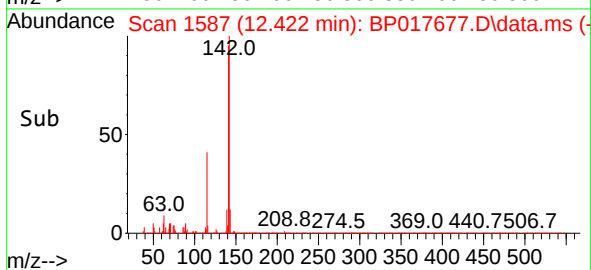
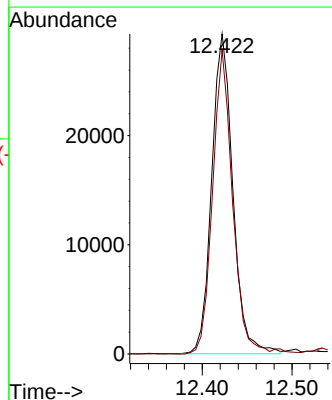
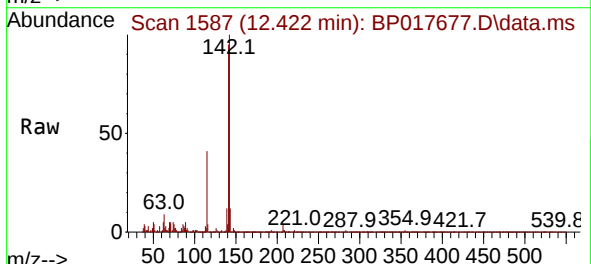
Manual Integrations
APPROVED

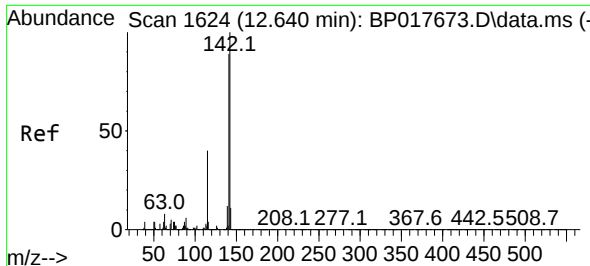
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.977 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

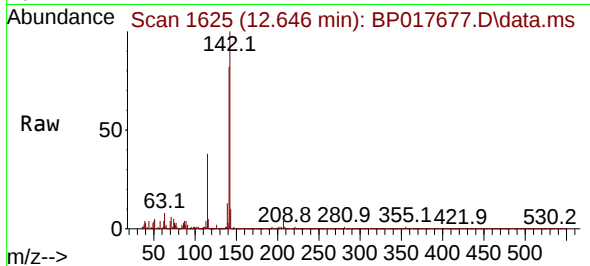
Tgt Ion:142 Resp: 47946
Ion Ratio Lower Upper
142 100
141 95.0 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.087 ng/ul
RT: 12.646 min Scan# 1624
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

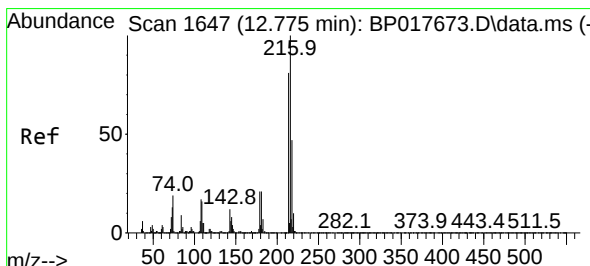
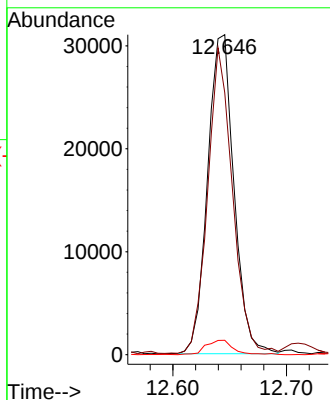
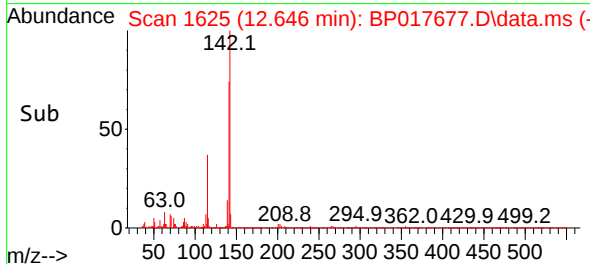
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



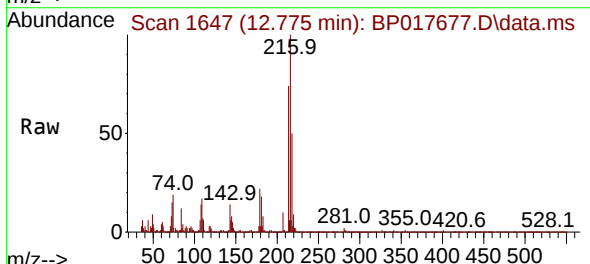
Tgt Ion:142 Resp: 50019
Ion Ratio Lower Upper
142 100
141 81.8 74.3 111.5
116 4.5 3.3 4.9

Manual Integrations
APPROVED

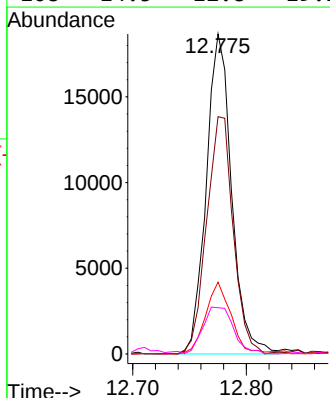
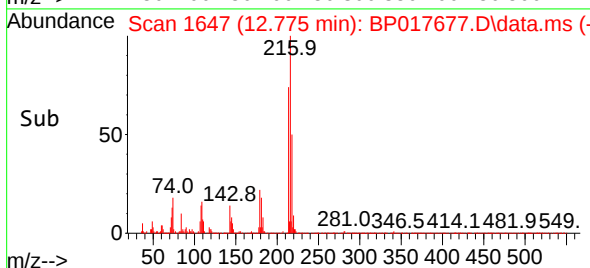
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

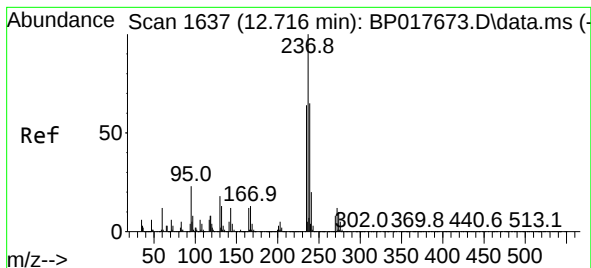


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.249 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58



Tgt Ion:216 Resp: 29029
Ion Ratio Lower Upper
216 100
214 74.1 59.8 89.8
179 22.4 16.6 25.0
108 14.5 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 3.581 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

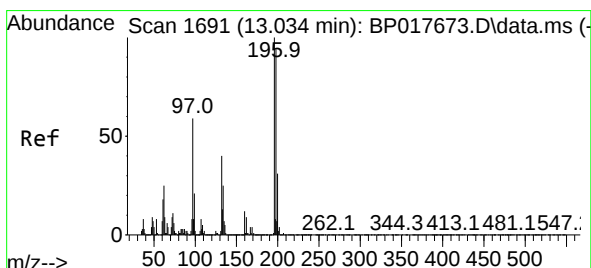
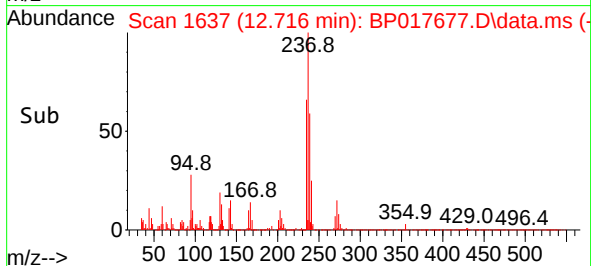
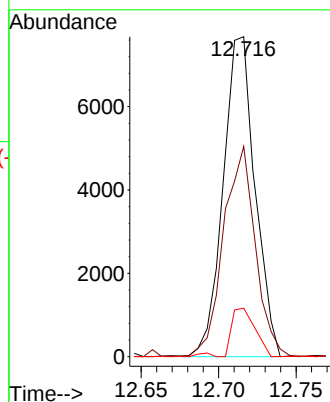
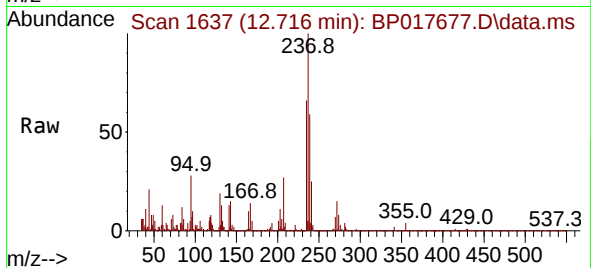
Tgt Ion:	237	Resp:	1099
Ion Ratio	Lower	Upper	
237	100		
235	65.7	50.4	75.6
272	15.1	11.3	16.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#41

2,4,6-Trichlorophenol

Concen: 3.065 ng/ul

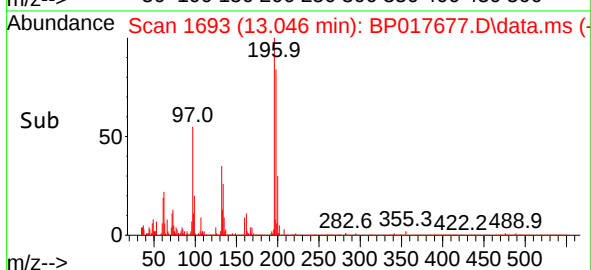
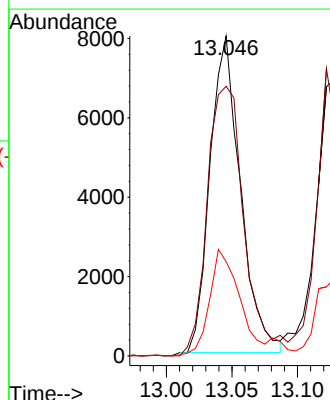
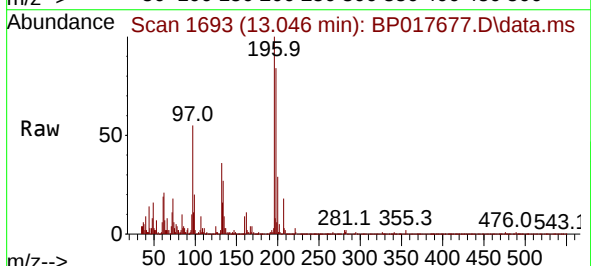
RT: 13.046 min Scan# 1693

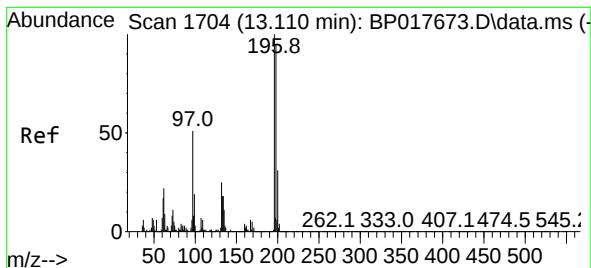
Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	196	Resp:	12894
Ion Ratio	Lower	Upper	
196	100		
198	84.3	77.3	115.9
200	30.4	25.4	38.2





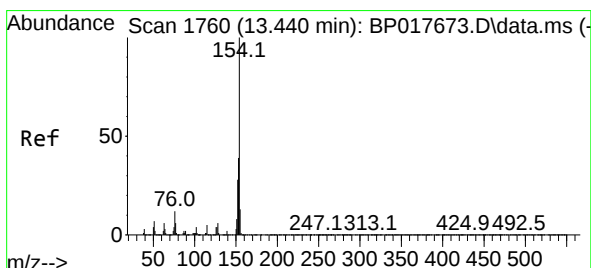
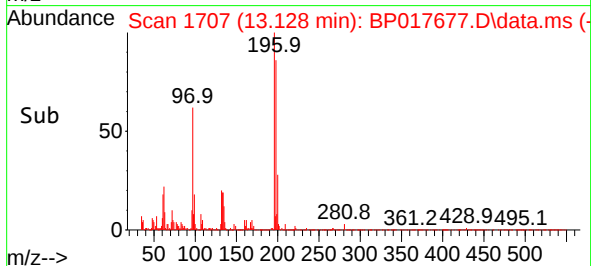
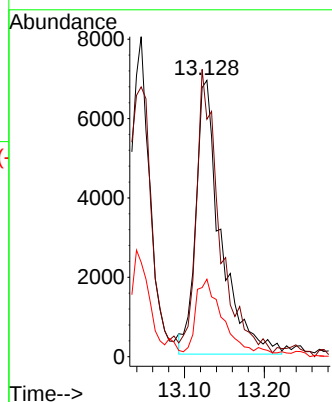
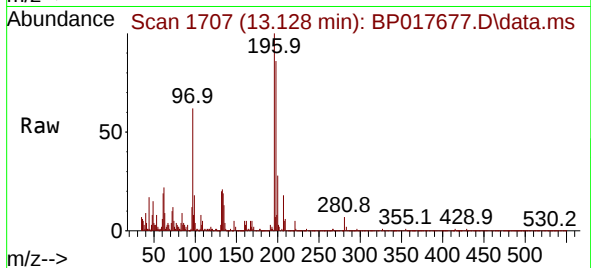
#42
2,4,5-Trichlorophenol
Concen: 3.384 ng/ul m
RT: 13.128 min Scan# 1704
Delta R.T. 0.029 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:196 Resp: 1503
Ion Ratio Lower Upper
196 100
198 85.9 73.0 109.4
200 28.0 23.9 35.9

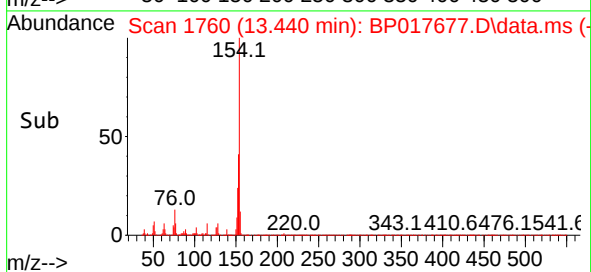
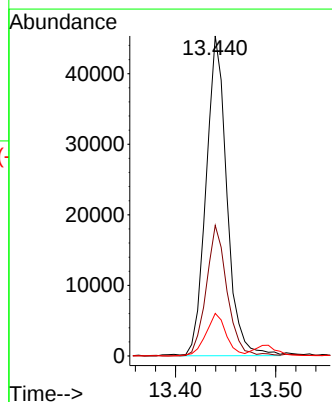
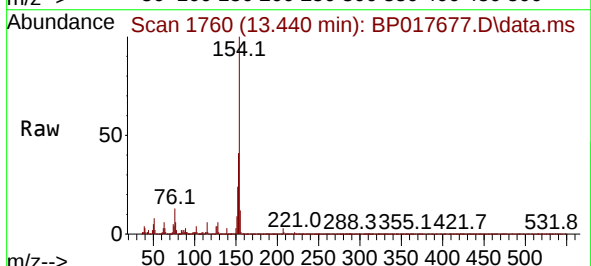
Manual Integrations
APPROVED

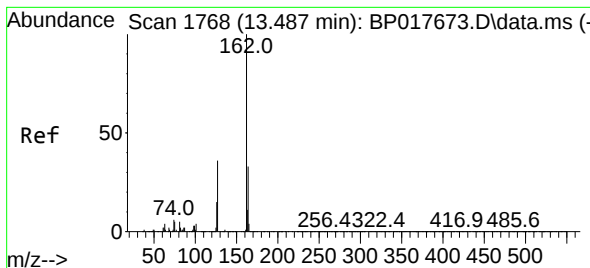
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 4.267 ng/ul
RT: 13.440 min Scan# 1760
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:154 Resp: 65490
Ion Ratio Lower Upper
154 100
153 40.8 32.5 48.7
76 13.3 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.260 ng/ul

RT: 13.487 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNP_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

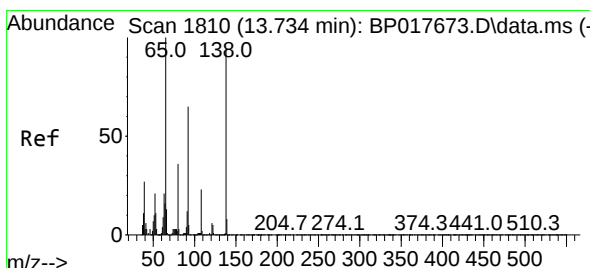
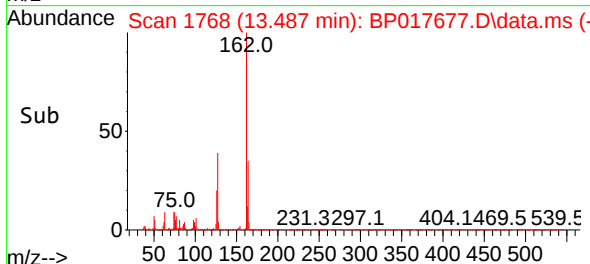
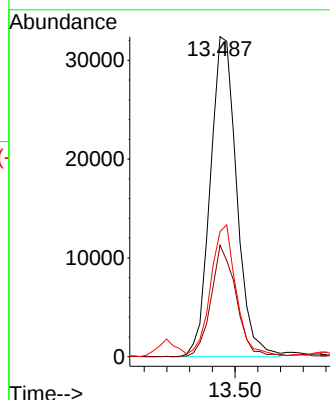
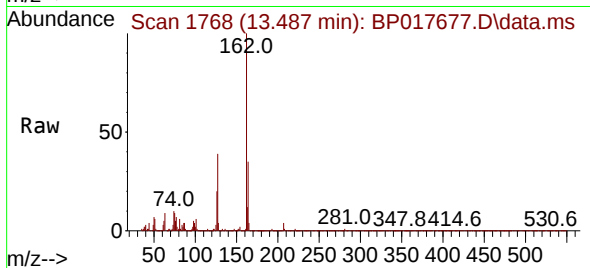
Tgt Ion:	162	Resp:	52314
Ion Ratio	Lower	Upper	
162	100		
164	34.9	26.5	39.7
127	39.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#45

2-Nitroaniline

Concen: 3.187 ng/ul m

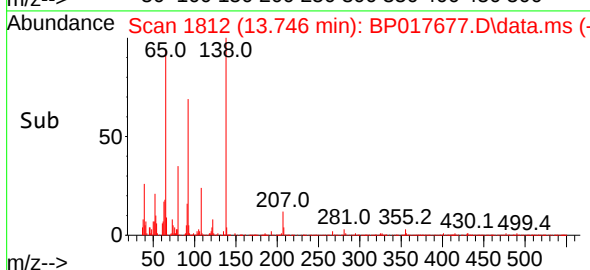
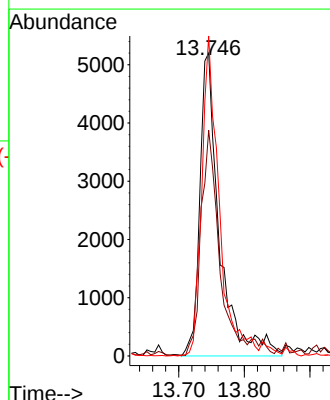
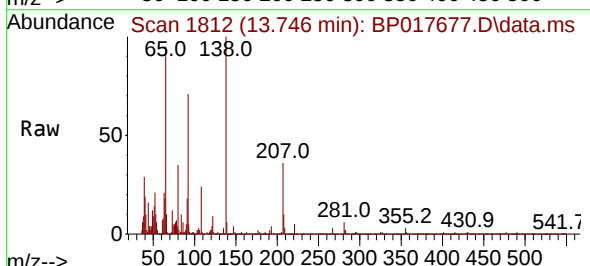
RT: 13.746 min Scan# 1812

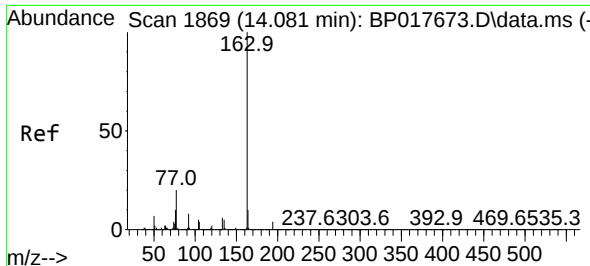
Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	65	Resp:	10818
Ion Ratio	Lower	Upper	
65	100		
92	74.5	55.3	82.9
138	105.6	82.8	124.2





#47

Dimethylphthalate

Concen: 4.019 ng/ul

RT: 14.075 min Scan# 1868

Delta R.T. 0.006 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

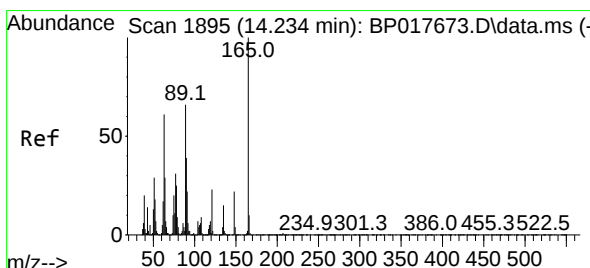
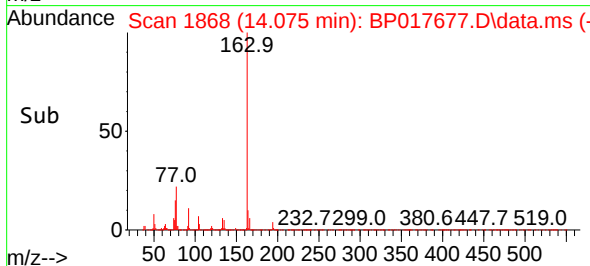
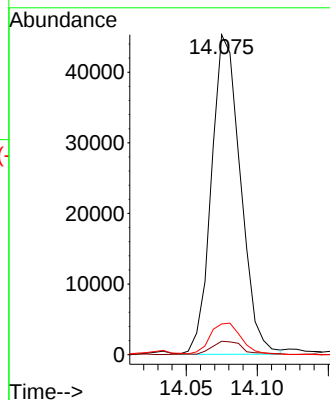
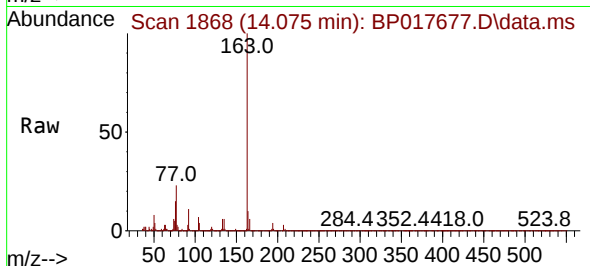
Tgt Ion:	163	Resp:	6437
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.6	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2,6-Dinitrotoluene

Concen: 3.089 ng/ul

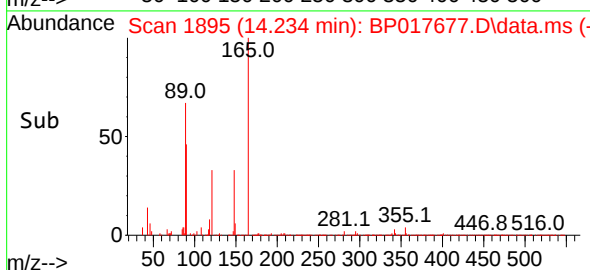
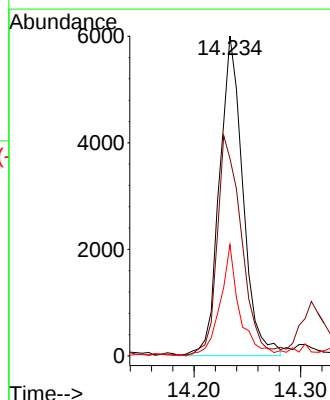
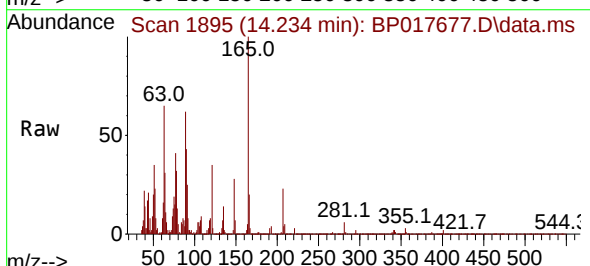
RT: 14.234 min Scan# 1895

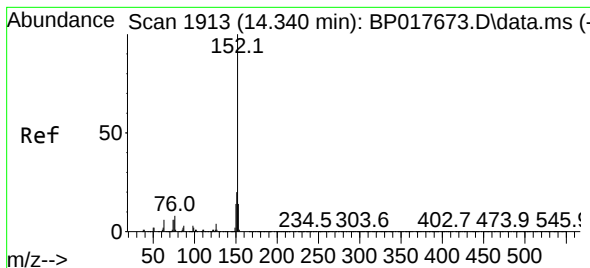
Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	165	Resp:	9158
Ion Ratio	Lower	Upper	
165	100		
89	61.7	49.0	73.4
121	34.8	16.5	24.7





#50

Acenaphthylene

Concen: 4.126 ng/ul

RT: 14.340 min Scan# 1913

Delta R.T. 0.006 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

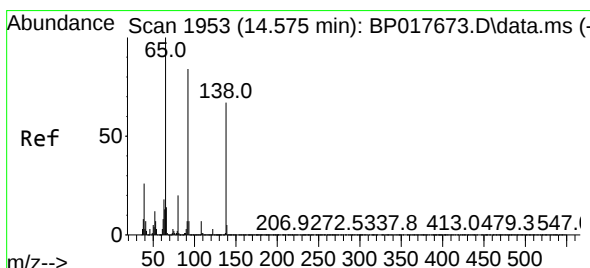
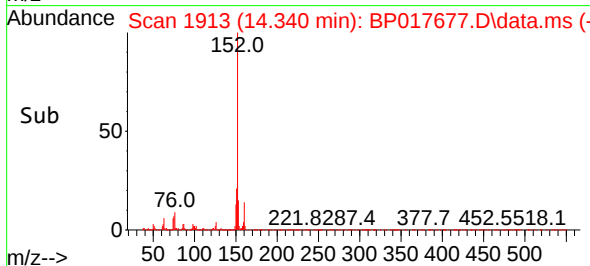
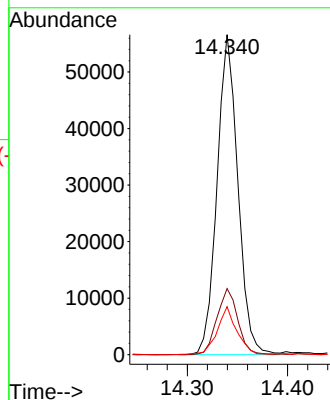
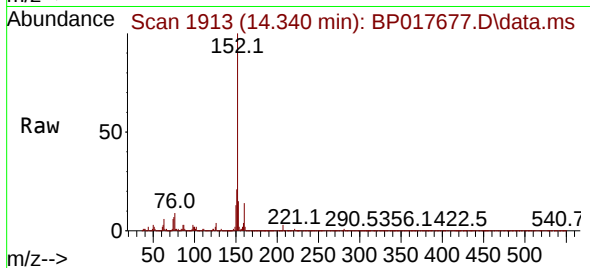
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	15.0	10.5	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#51

3-Nitroaniline

Concen: 2.947 ng/ul m

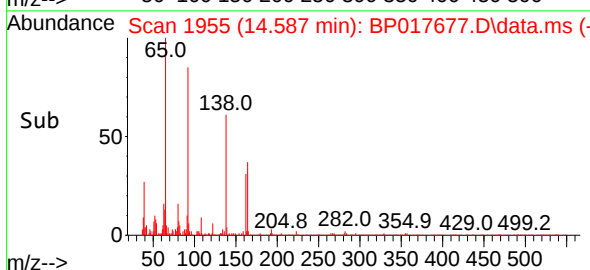
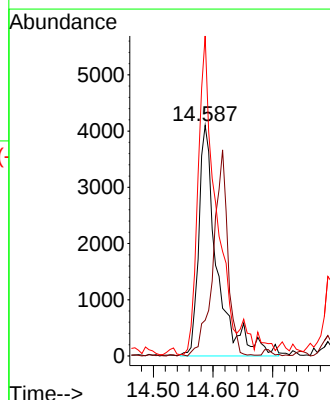
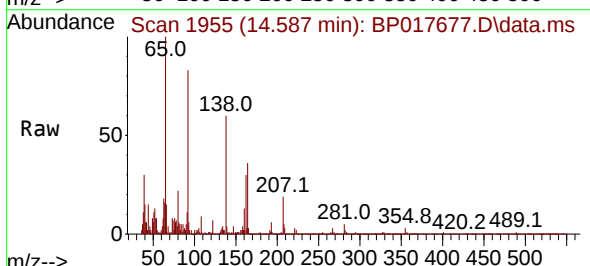
RT: 14.587 min Scan# 1955

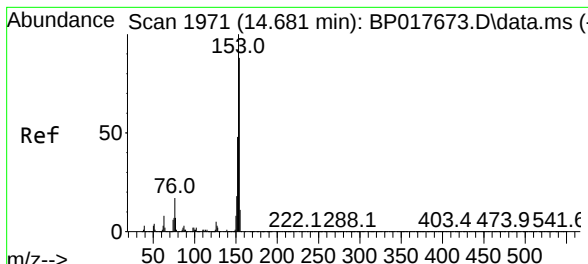
Delta R.T. 0.024 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.5	8.2	12.2
92	138.8	99.0	148.6



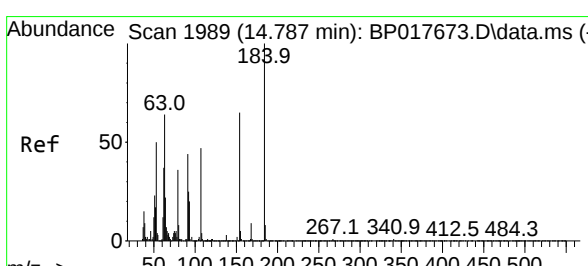
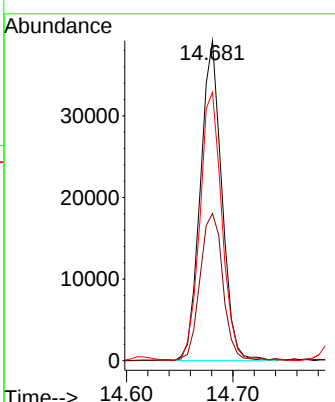
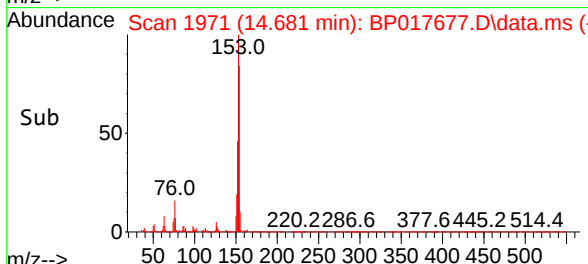
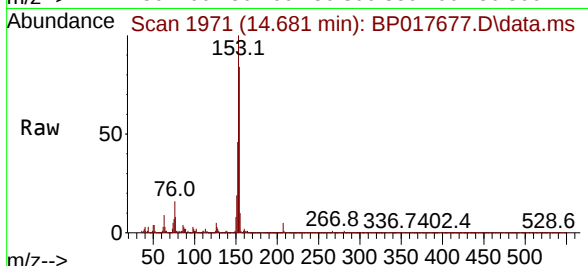


#52
 Acenaphthene
 Concen: 4.180 ng/ul
 RT: 14.681 min Scan# 1971
 Delta R.T. 0.012 min
 Lab File: BP017677.D
 Acq: 16 Oct 2023 11:58

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2023-04

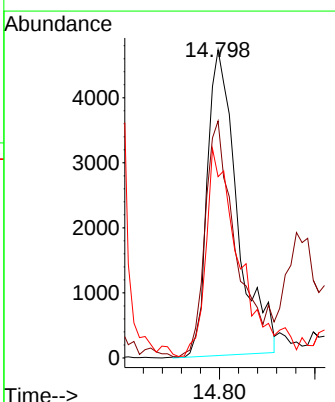
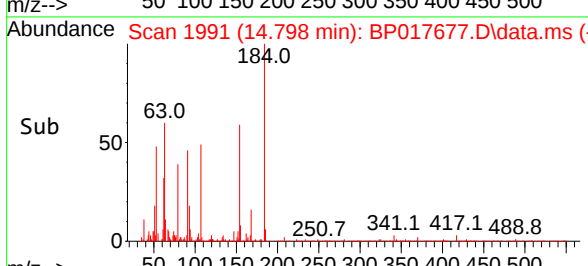
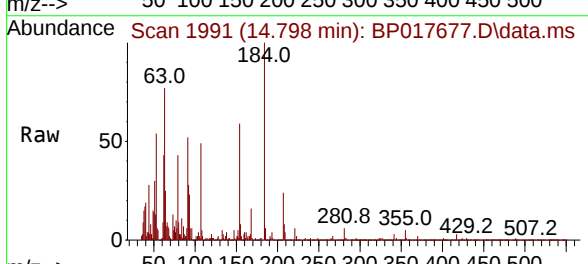
Tgt Ion:	153	Resp:	54928
Ion Ratio	Lower	Upper	
153	100		
152	46.0	38.9	58.3
154	83.9	71.6	107.4

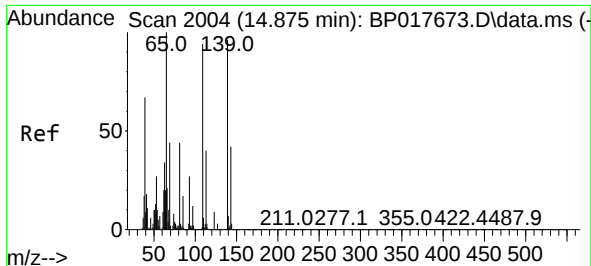
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#53
 2,4-Dinitrophenol
 Concen: 5.609 ng/ul m
 RT: 14.798 min Scan# 1991
 Delta R.T. 0.024 min
 Lab File: BP017677.D
 Acq: 16 Oct 2023 11:58

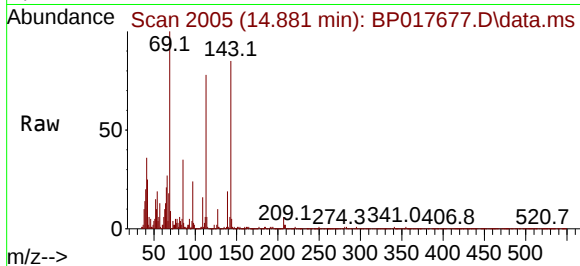
Tgt Ion:	184	Resp:	10268
Ion Ratio	Lower	Upper	
184	100		
63	76.9	61.4	92.0
154	58.8	54.8	82.2





#55
4-Nitrophenol
Concen: 4.095 ng/ul m
RT: 14.881 min Scan# 2005
Delta R.T. 0.018 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

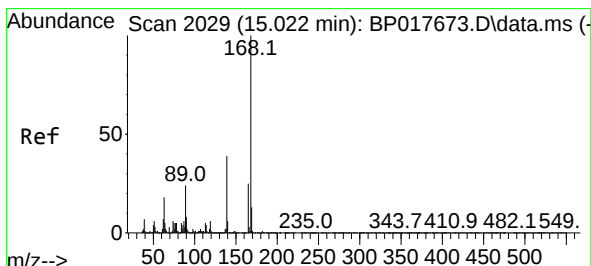
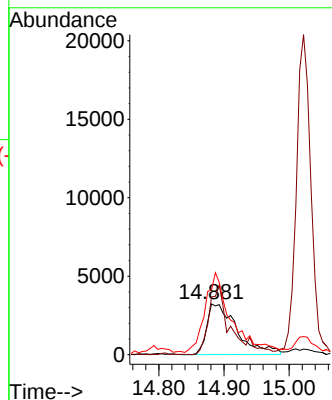
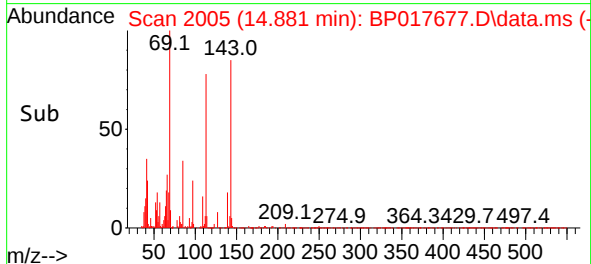
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:109 Resp: 10408
Ion Ratio Lower Upper
109 100
139 113.9 90.5 135.7
65 128.2 95.7 143.5

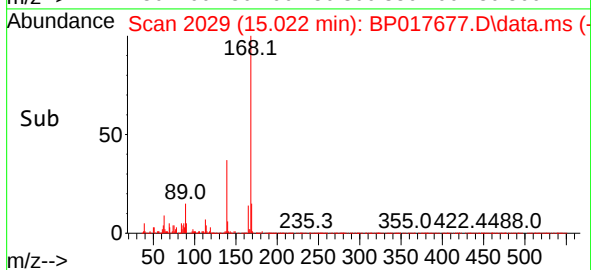
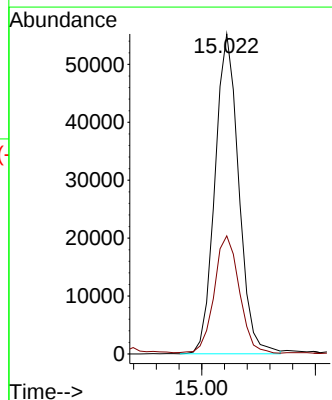
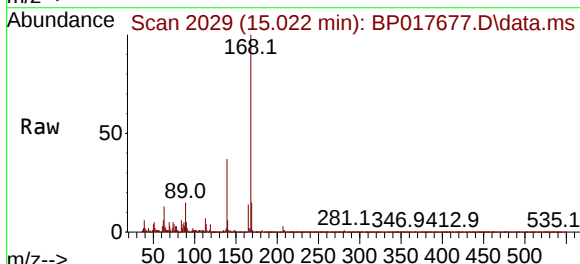
Manual Integrations
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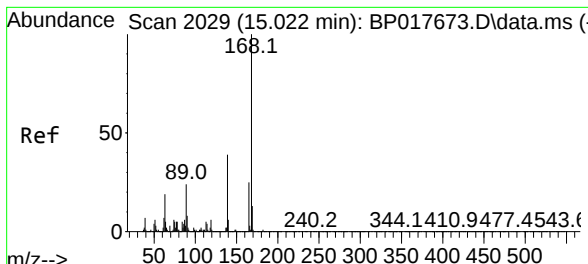
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.258 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:168 Resp: 80273
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7





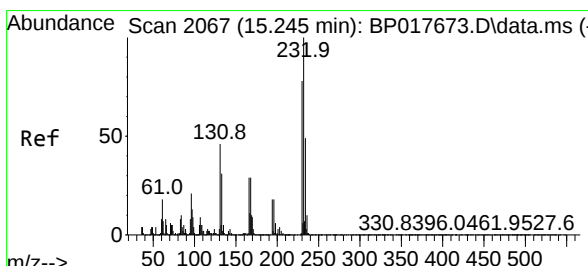
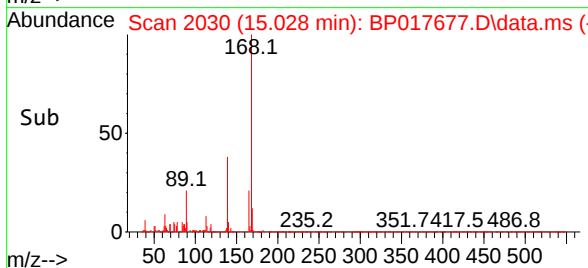
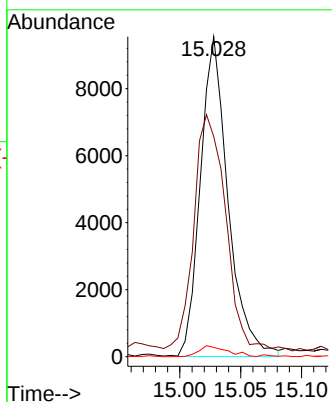
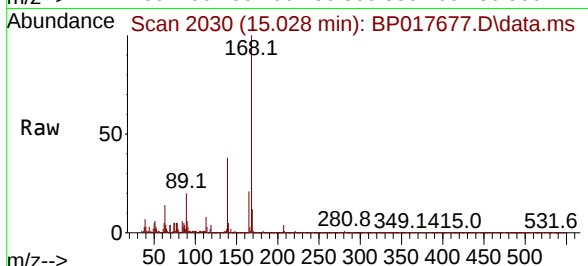
#57
2,4-Dinitrotoluene
Concen: 3.301 ng/ul
RT: 15.028 min Scan# 2029
Delta R.T. 0.018 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.8	52.7	79.1
182	2.9	2.2	3.4

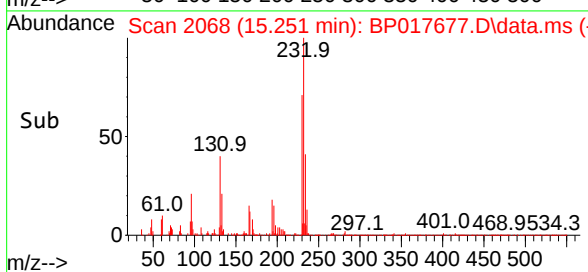
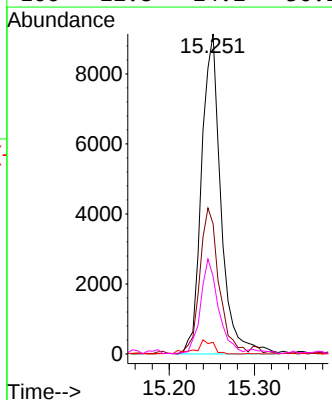
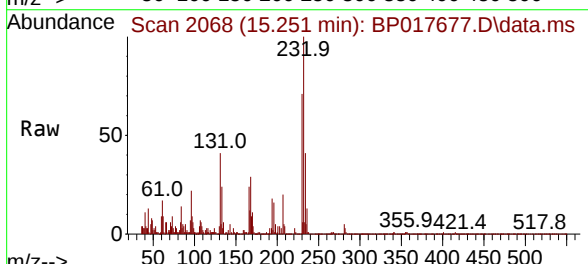
Manual Integrations
APPROVED

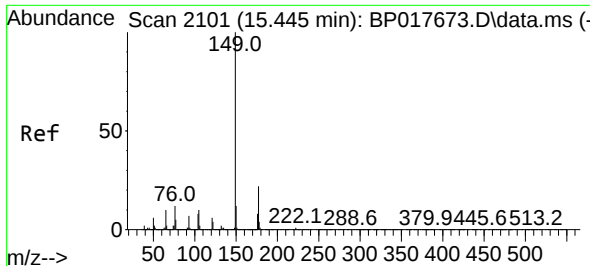
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.524 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. 0.018 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

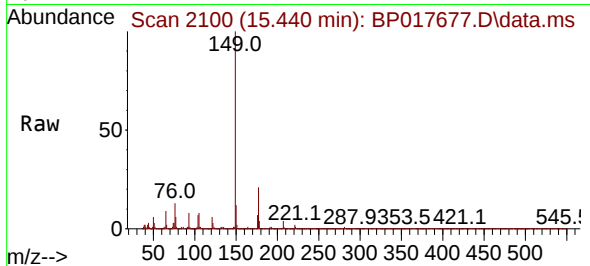
Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.2	33.6	50.4
130	3.5	2.0	3.0#
166	22.8	24.2	36.2#





#59
Diethylphthalate
Concen: 3.856 ng/ul
RT: 15.440 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

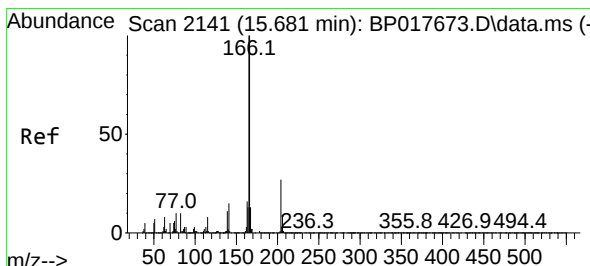
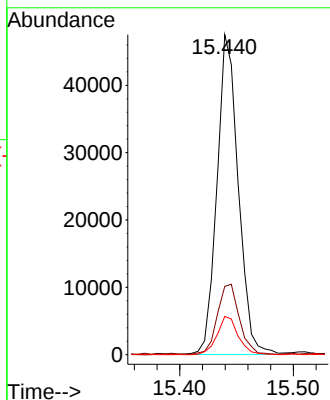
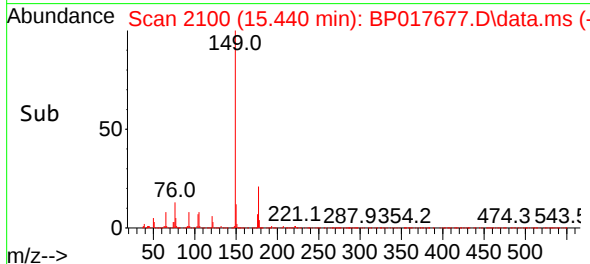
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



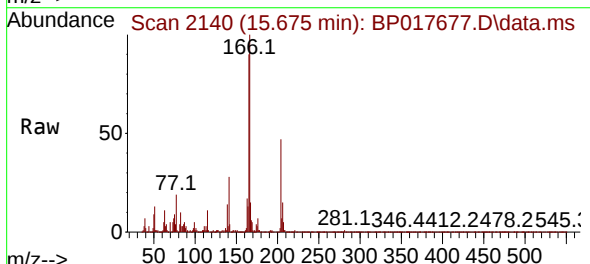
Tgt Ion:149 Resp: 61945
Ion Ratio Lower Upper
149 100
177 21.4 17.9 26.9
150 12.0 10.1 15.1

Manual Integrations
APPROVED

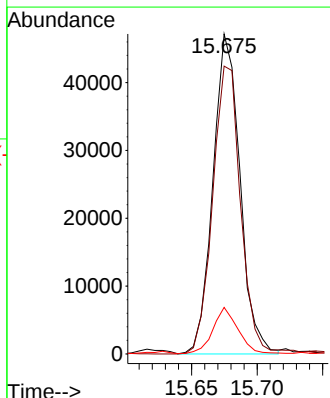
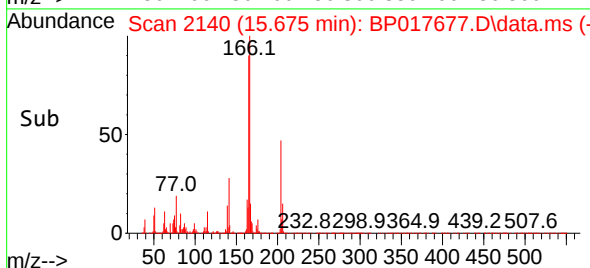
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

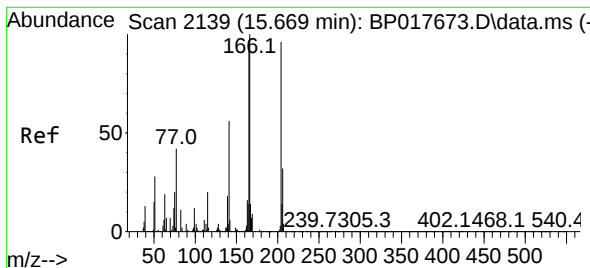


#61
Fluorene
Concen: 4.343 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58



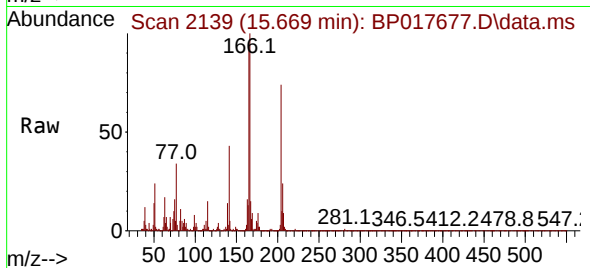
Tgt Ion:166 Resp: 67500
Ion Ratio Lower Upper
166 100
165 90.0 79.6 119.4
167 14.6 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 4.212 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

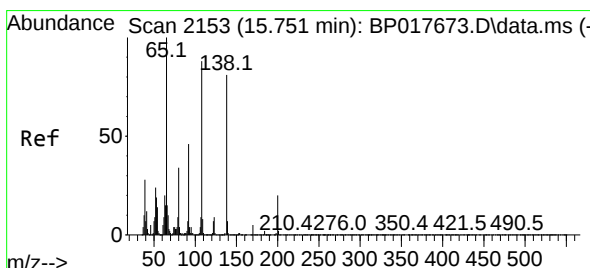
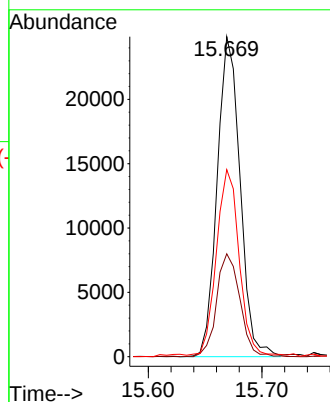
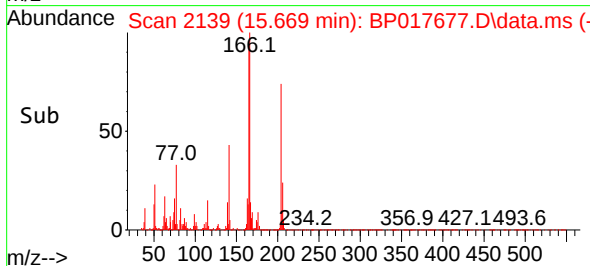
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2023-04



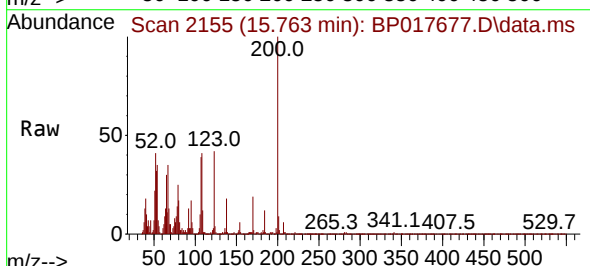
Tgt Ion: 204 Resp: 3481
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 58.4 43.9 65.9

Manual Integrations
APPROVED

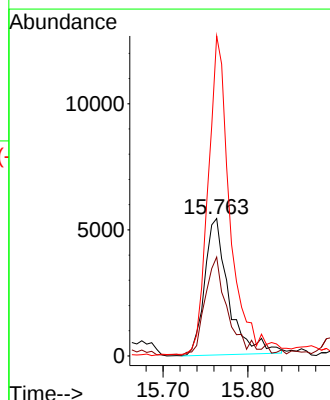
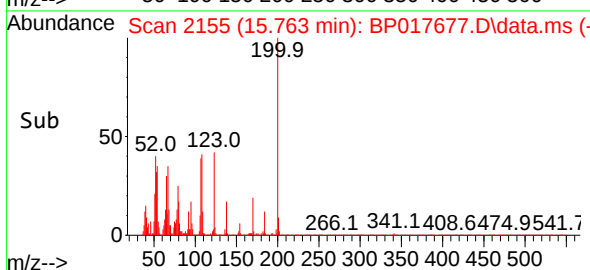
Reviewed By : Yogesh Patel 10/17/2023
Supervised By : mohammad ahmed 10/18/2023

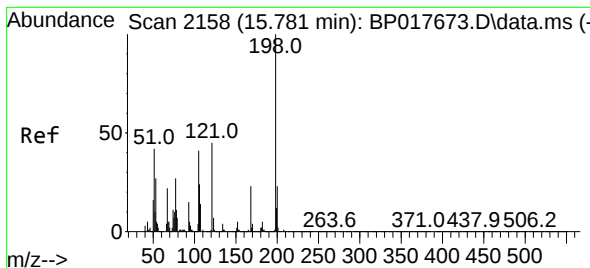


#63
4-Nitroaniline
Concen: 3.602 ng/ul m
RT: 15.763 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58



Tgt Ion: 138 Resp: 10701
Ion Ratio Lower Upper
138 100
92 71.9 43.0 64.6#
108 232.7 82.2 123.4#





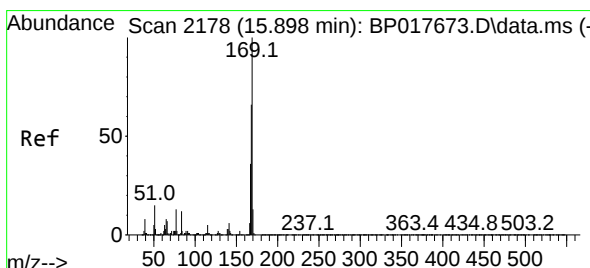
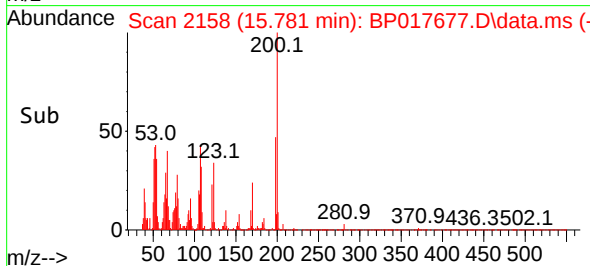
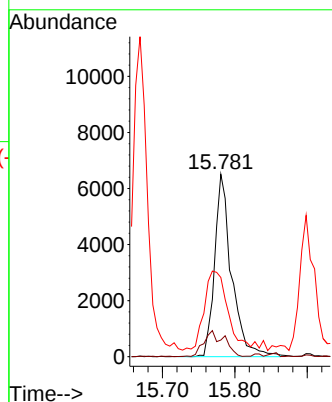
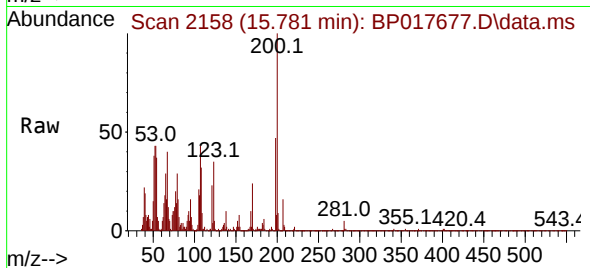
#66
4,6-Dinitro-2-methylphenol
Concen: 3.267 ng/ul m
RT: 15.781 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:198 Resp: 1060
Ion Ratio Lower Upper
198 100
182 9.2 3.4 5.0
77 43.4 23.0 34.6

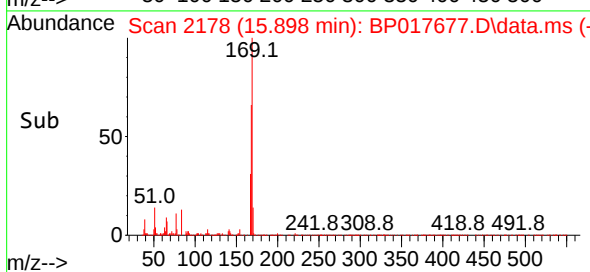
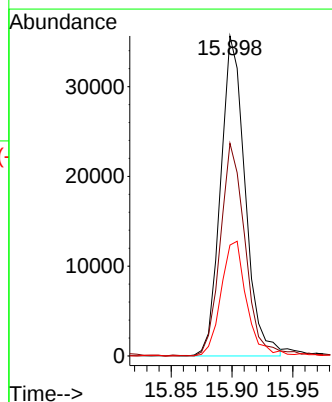
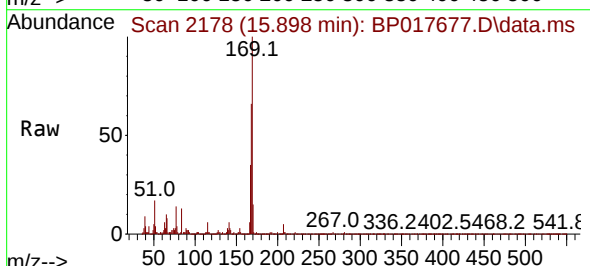
Manual Integrations
APPROVED

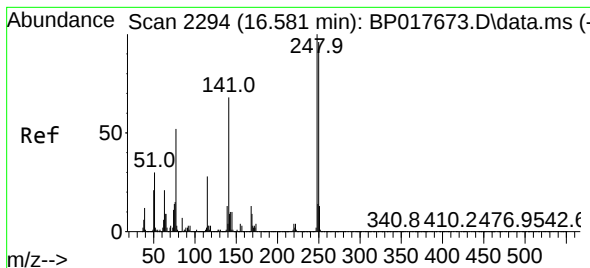
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 3.810 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

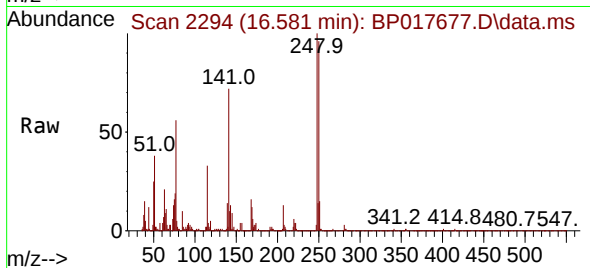
Tgt Ion:169 Resp: 49908
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 34.7 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 3.910 ng/ul
RT: 16.581 min Scan# 2294
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

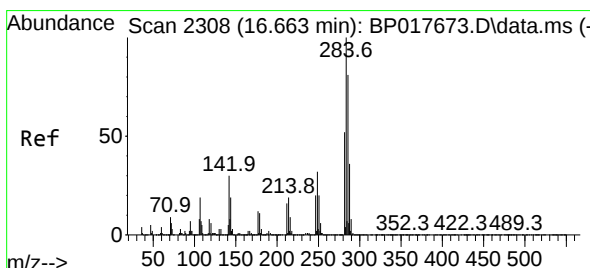
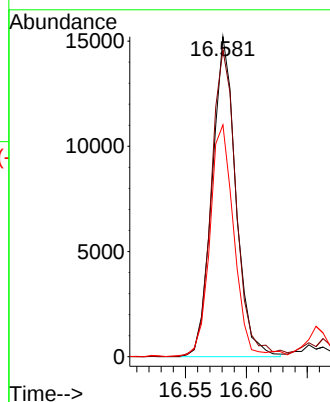
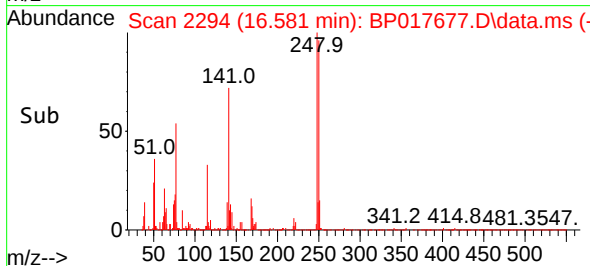
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:248 Resp: 2066
Ion Ratio Lower Upper
248 100
250 95.9 75.9 113.9
141 72.5 57.2 85.8

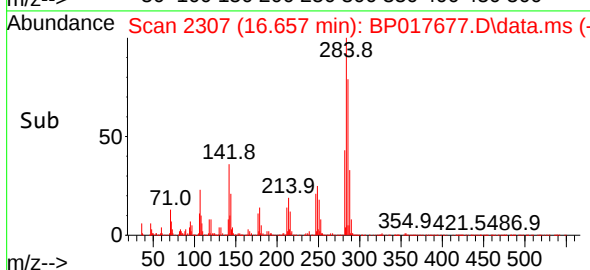
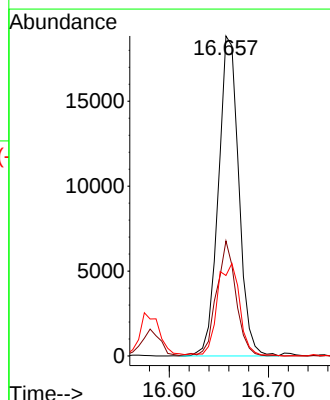
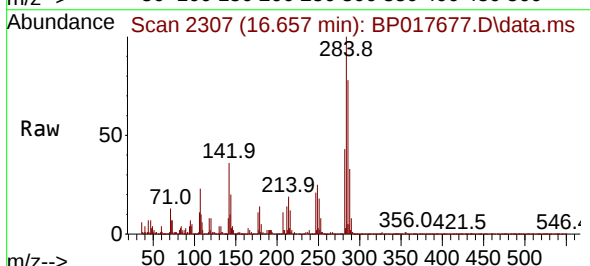
Manual Integrations
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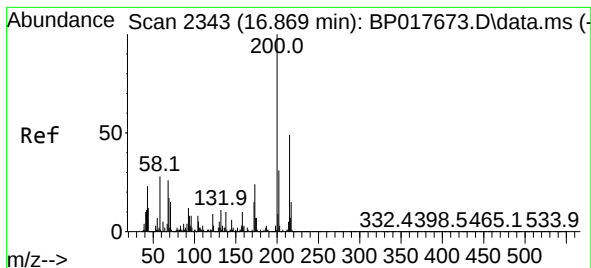
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.277 ng/ul m
RT: 16.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:284 Resp: 26906
Ion Ratio Lower Upper
284 100
142 35.9 25.8 38.6
249 25.2 24.9 37.3





#70

Atrazine

Concen: 3.254 ng/ul m

RT: 16.863 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017677.D

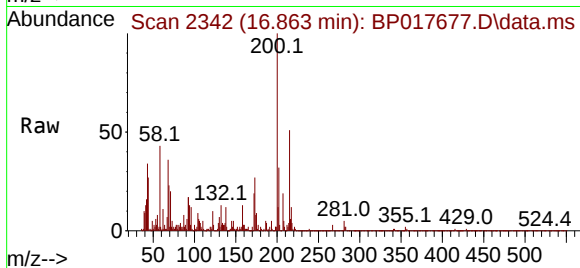
Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04



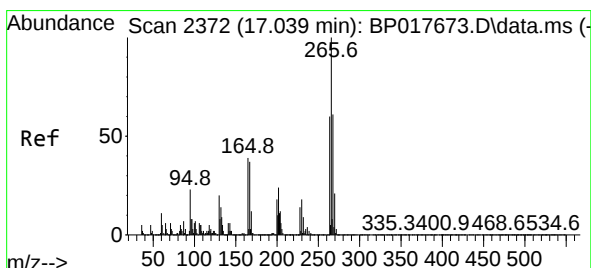
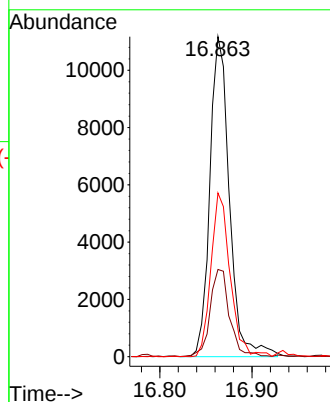
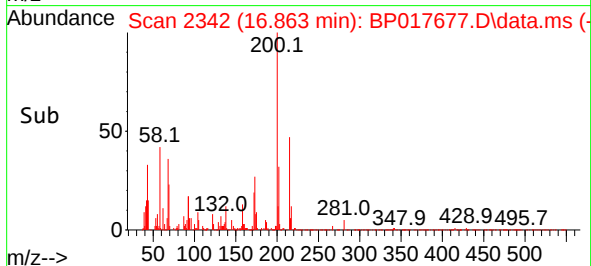
Tgt Ion:	200	Resp:	1649
Ion Ratio	Lower	Upper	
200	100		
173	27.3	19.9	29.9
215	51.2	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

Concen: 3.793 ng/ul m

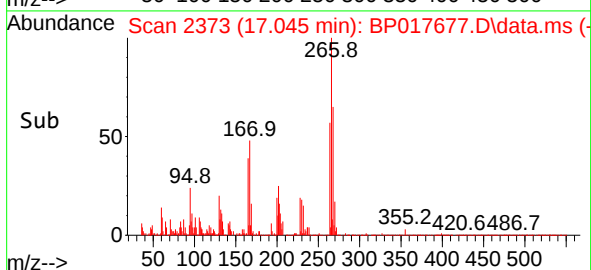
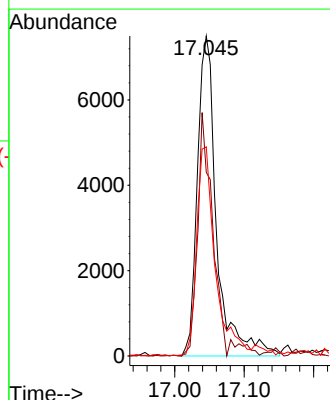
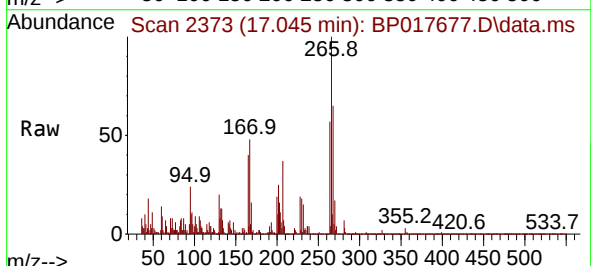
RT: 17.045 min Scan# 2373

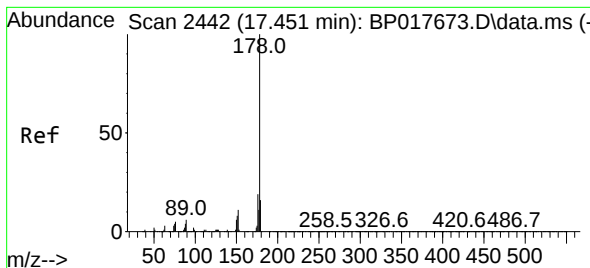
Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	266	Resp:	14451
Ion Ratio	Lower	Upper	
266	100		
264	57.4	49.2	73.8
268	65.3	51.8	77.6





#72

Phenanthrene

Concen: 4.245 ng/ul

RT: 17.451 min Scan# 2442

Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

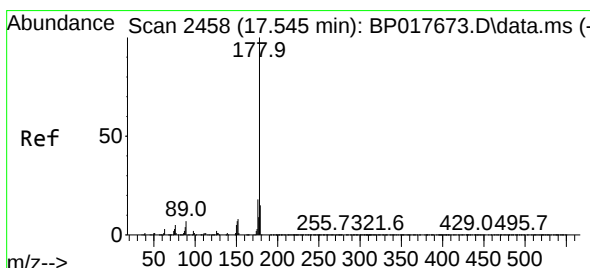
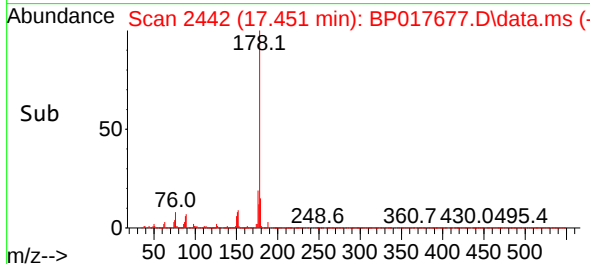
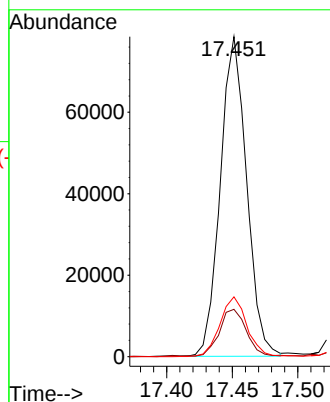
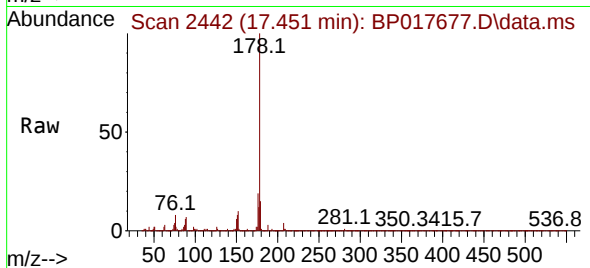
Tgt Ion:	178	Resp:	109488
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.1	18.1
176	18.7	15.3	22.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#74

Anthracene

Concen: 4.126 ng/ul

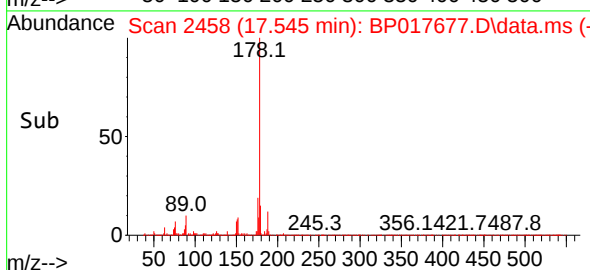
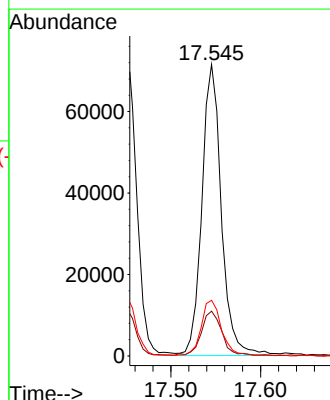
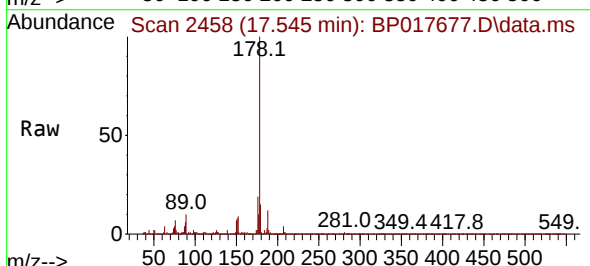
RT: 17.545 min Scan# 2458

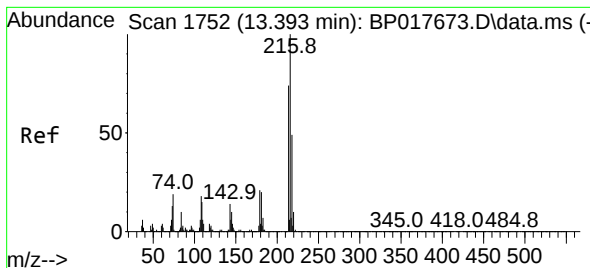
Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

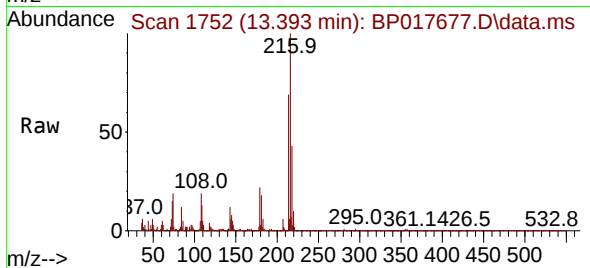
Tgt Ion:	178	Resp:	107650
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.1	14.6	22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.227 ng/uL
RT: 13.393 min Scan# 1752
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

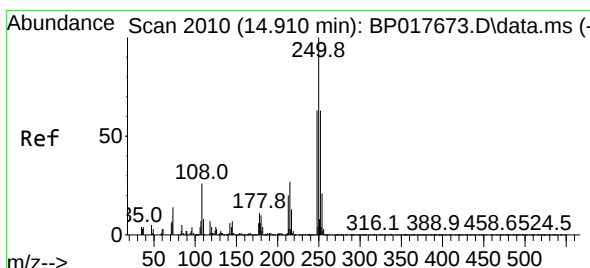
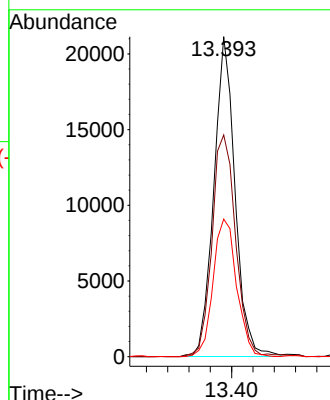
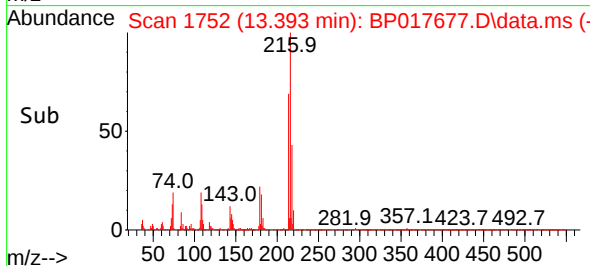
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:216 Resp: 29240
Ion Ratio Lower Upper
216 100
214 69.3 62.9 94.3
218 43.0 38.6 58.0

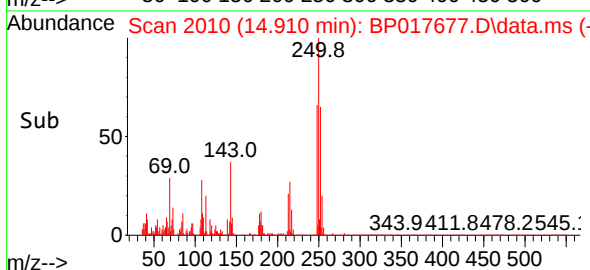
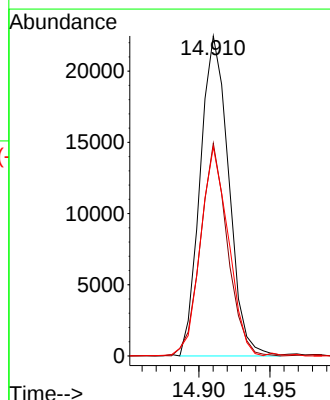
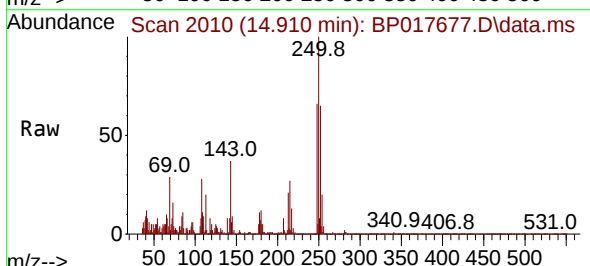
Manual Integrations
APPROVED

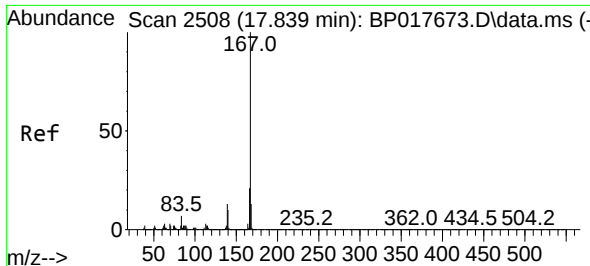
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#76
Pentachlorobenzene
Concen: 4.433 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:250 Resp: 31466
Ion Ratio Lower Upper
250 100
248 66.5 50.8 76.2
252 65.3 49.9 74.9





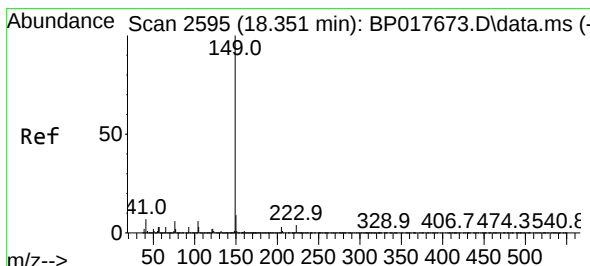
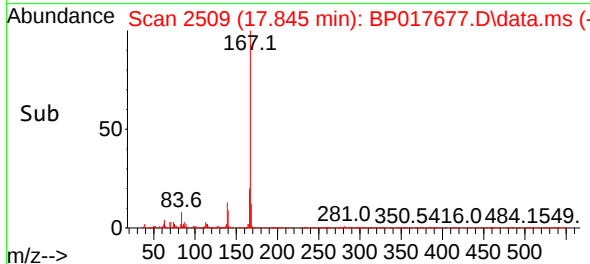
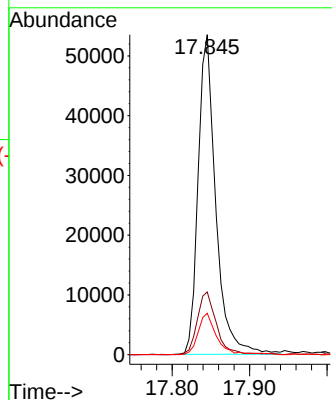
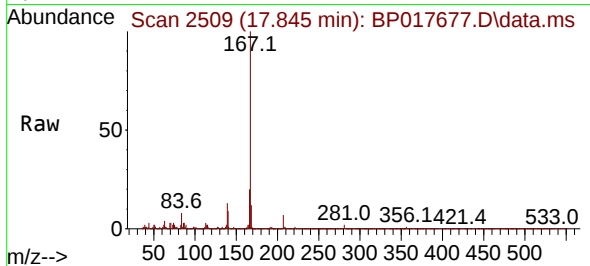
#77
 Carbazole
 Concen: 3.578 ng/ul
 RT: 17.845 min Scan# 2508
 Delta R.T. 0.018 min
 Lab File: BP017677.D
 Acq: 16 Oct 2023 11:58

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2023-04

Tgt Ion:	167	Resp:	8452
Ion Ratio	Lower	Upper	
167	100		
166	19.6	17.0	25.6
139	12.9	10.2	15.2

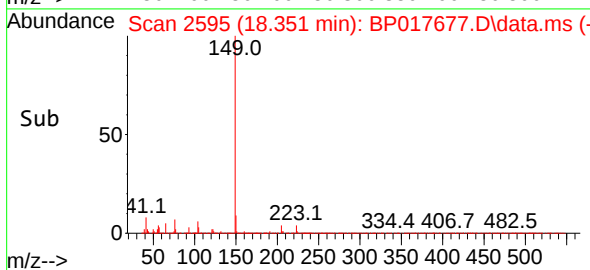
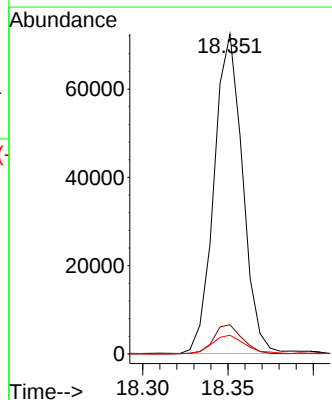
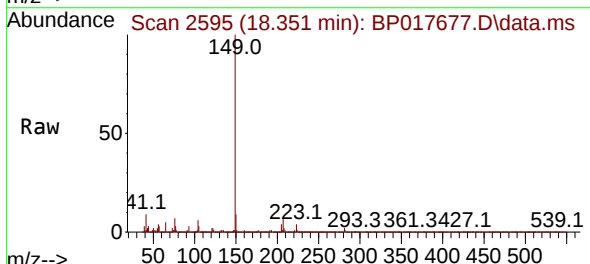
Manual Integrations
 APPROVED

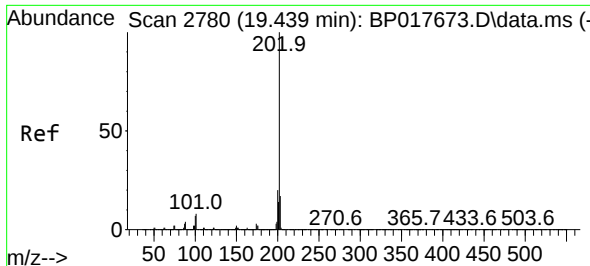
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 2.888 ng/ul
 RT: 18.351 min Scan# 2595
 Delta R.T. 0.012 min
 Lab File: BP017677.D
 Acq: 16 Oct 2023 11:58

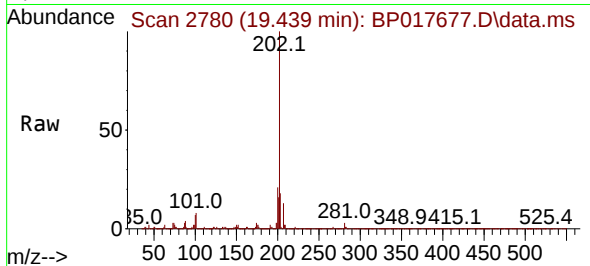
Tgt Ion:	149	Resp:	84029
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	5.8	4.6	6.8





#80
Fluoranthene
Concen: 3.553 ng/uI
RT: 19.439 min Scan# 2780
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

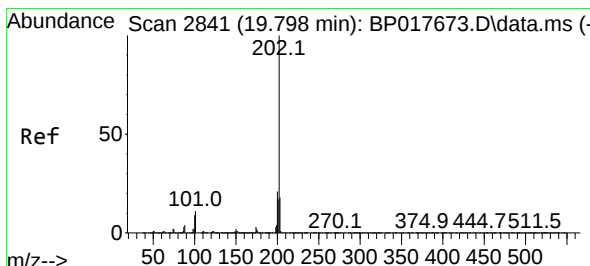
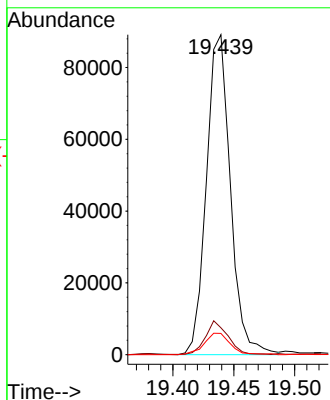
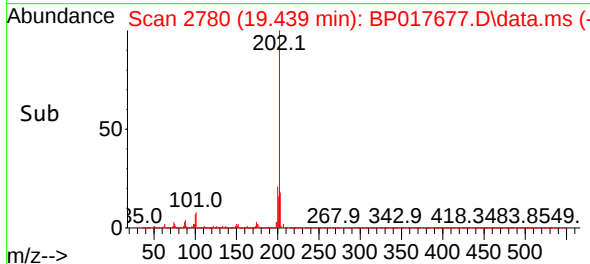
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:202 Resp: 122315
Ion Ratio Lower Upper
202 100
101 8.4 7.0 10.6
100 6.7 5.8 8.6

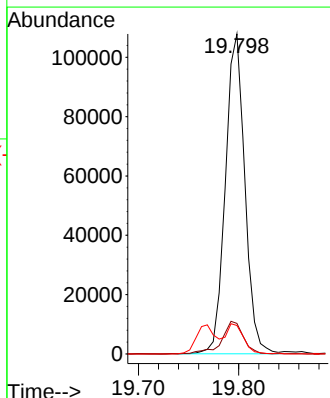
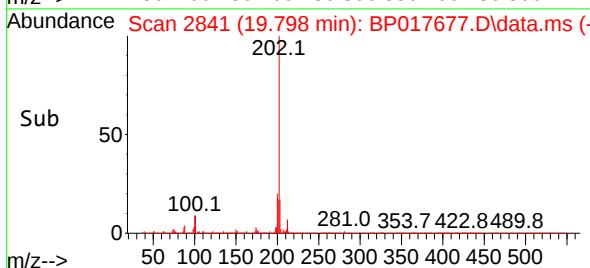
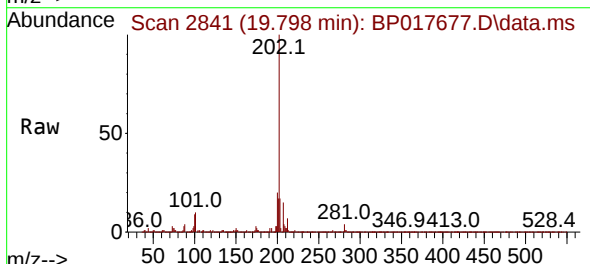
Manual Integrations
APPROVED

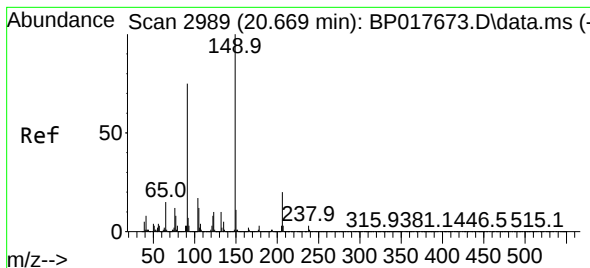
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.035 ng/uI
RT: 19.798 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

Tgt Ion:202 Resp: 145113
Ion Ratio Lower Upper
202 100
101 9.6 8.8 13.2
100 8.9 7.4 11.0





#83

Butylbenzylphthalate

Concen: 2.611 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

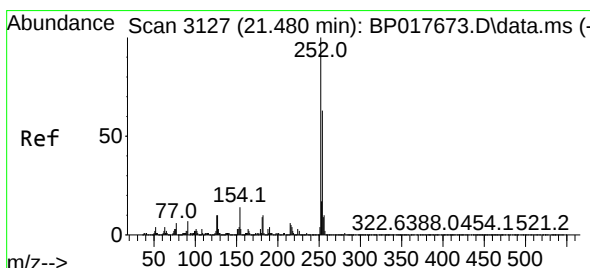
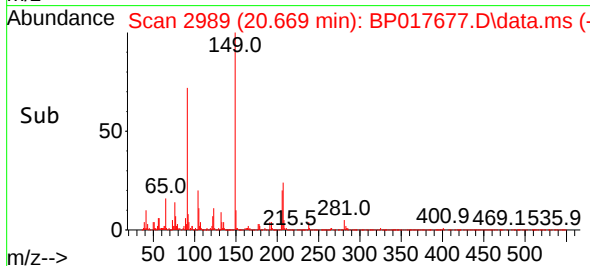
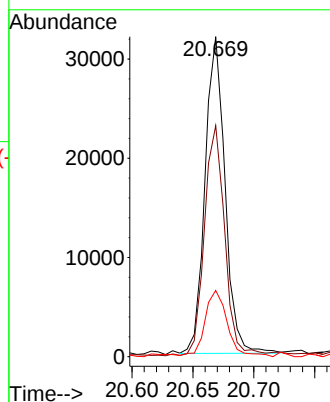
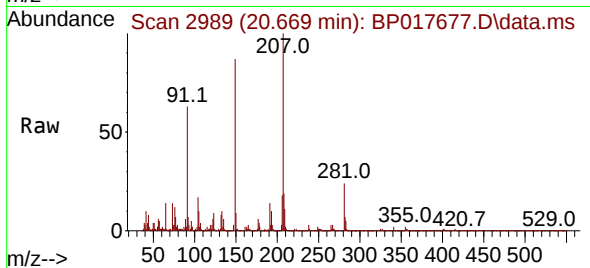
Tgt Ion:	149	Resp:	3653
Ion Ratio	Lower	Upper	
149	100		
91	72.2	59.6	89.4
206	20.7	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.550 ng/ul

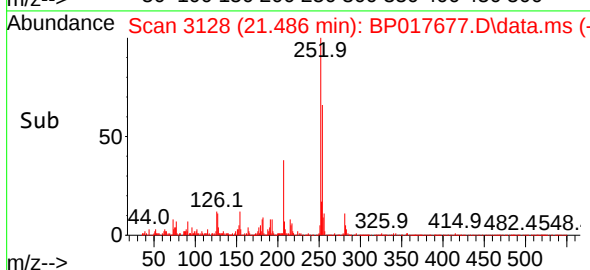
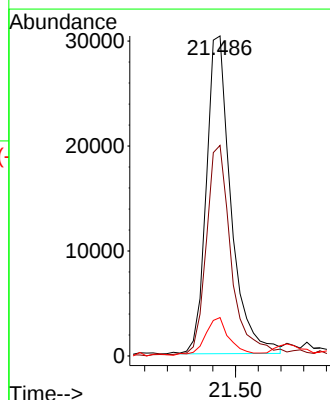
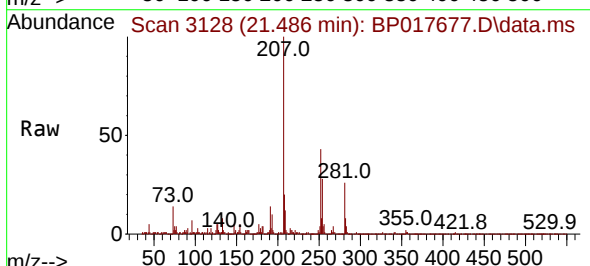
RT: 21.486 min Scan# 3128

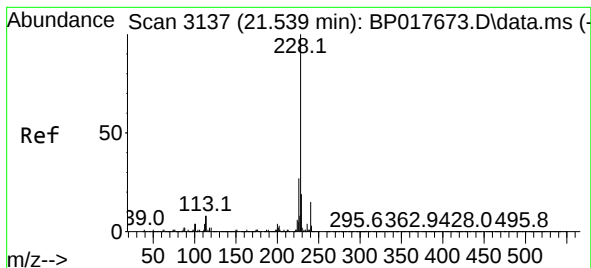
Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	252	Resp:	45508
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.8	77.6
126	12.0	8.1	12.1





#85

Benzo(a)anthracene

Concen: 3.909 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

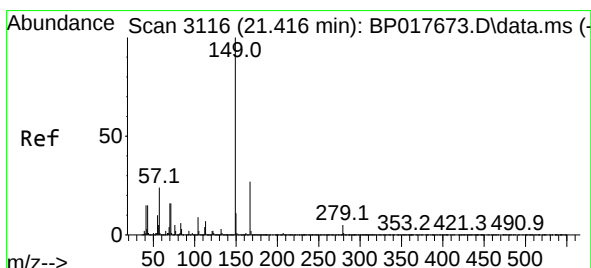
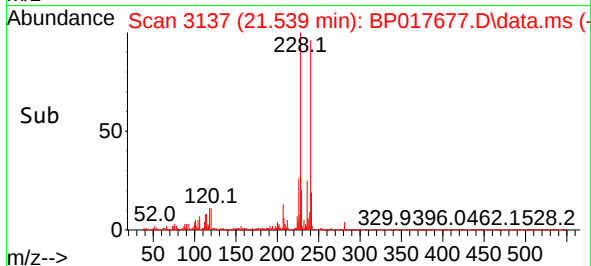
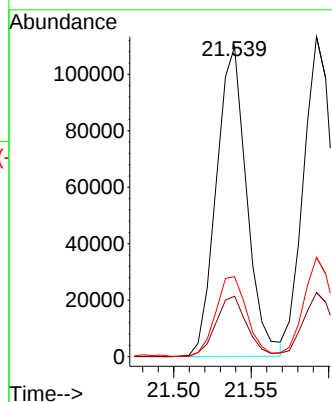
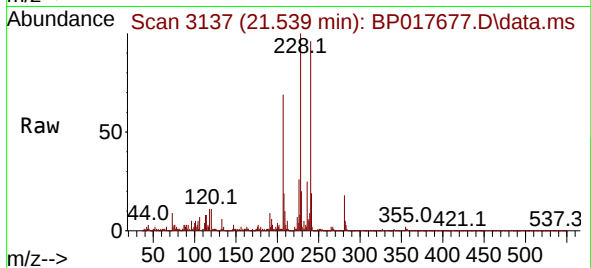
Tgt Ion:	228	Resp:	15002
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.4	23.2
226	25.8	21.4	32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.231 ng/ul

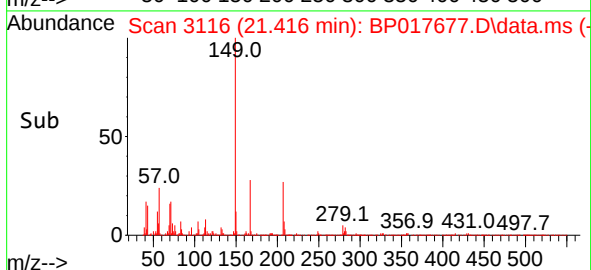
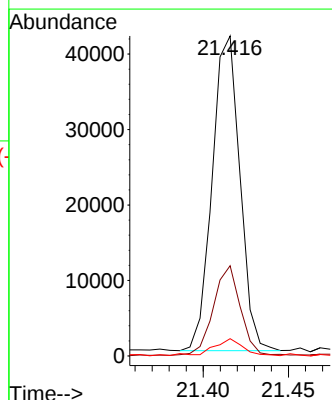
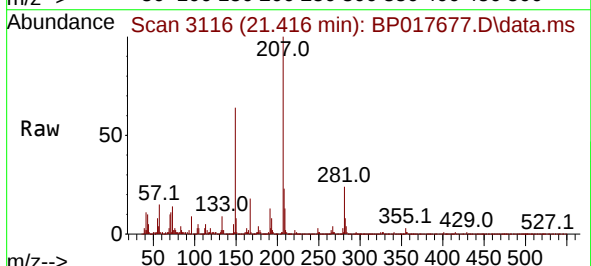
RT: 21.416 min Scan# 3116

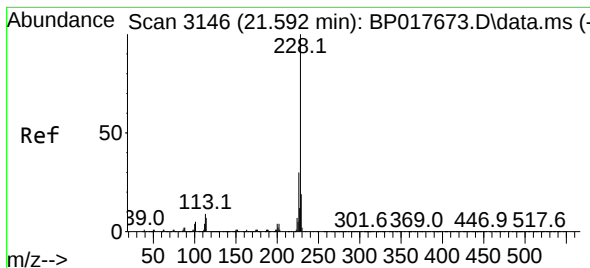
Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	149	Resp:	47204
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.7	32.5
279	5.4	3.7	5.5





#87

Chrysene

Concen: 4.261 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.012 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

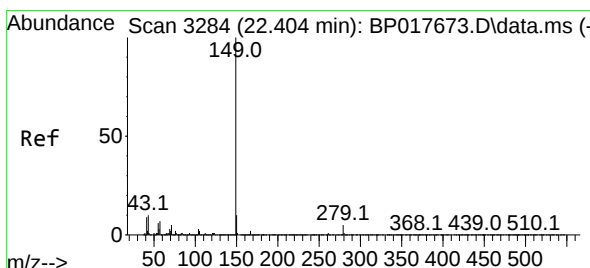
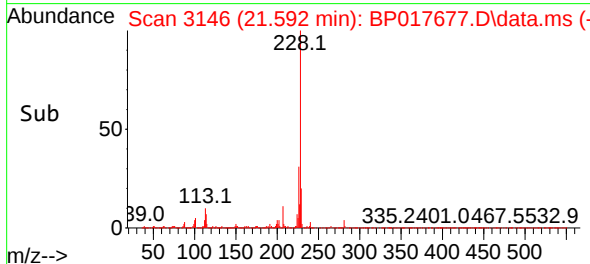
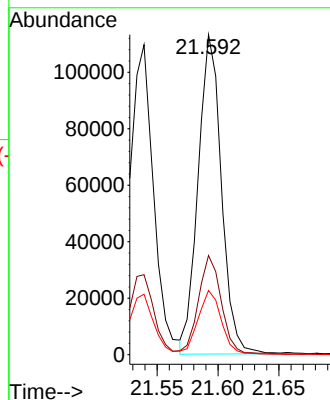
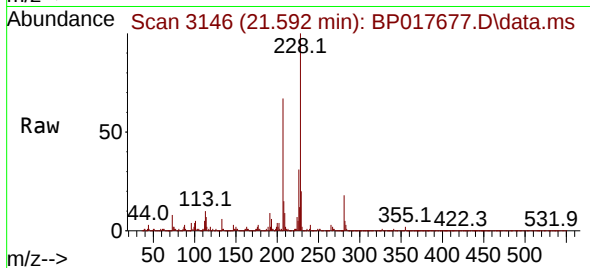
Tgt Ion:228 Resp: 150899
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.4
 229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 2.281 ng/ul

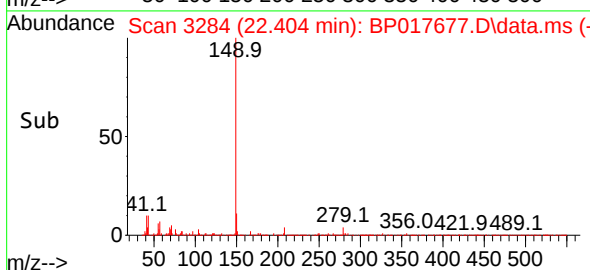
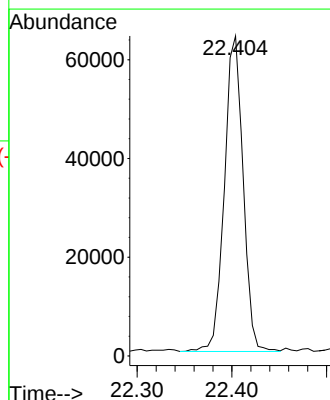
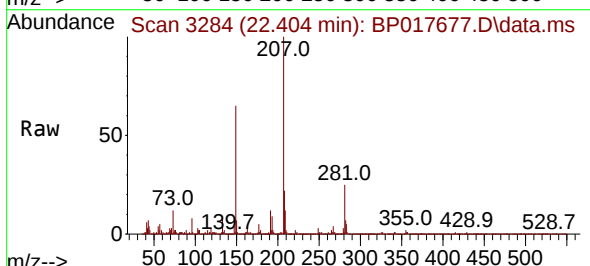
RT: 22.404 min Scan# 3284

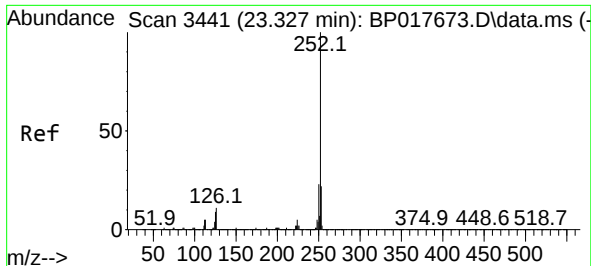
Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

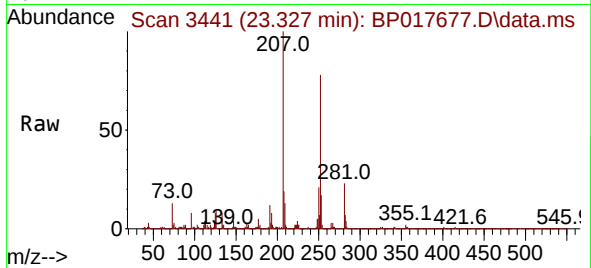
Tgt Ion:149 Resp: 87910





#90
Benzo(b)fluoranthene
Concen: 3.906 ng/ul
RT: 23.327 min Scan# 3441
Delta R.T. 0.018 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58

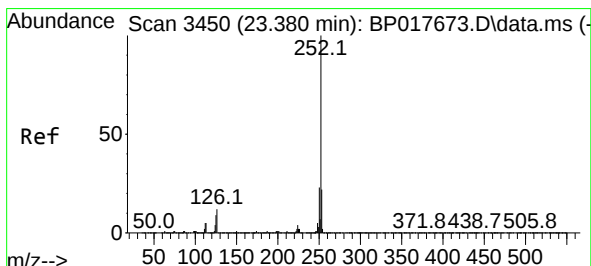
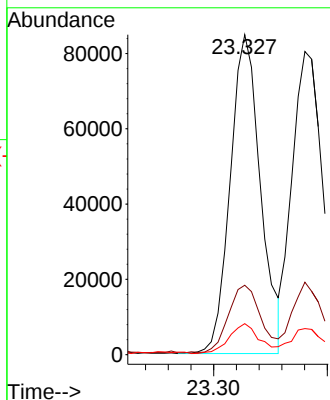
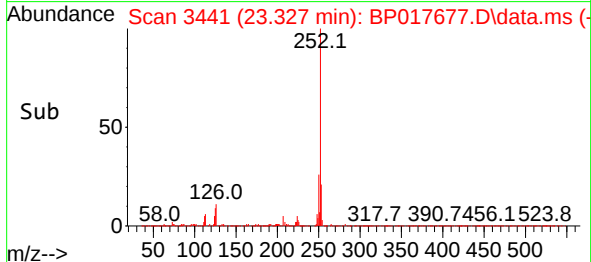
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2023-04



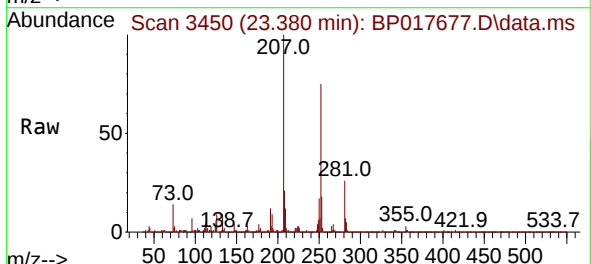
Tgt Ion:252 Resp: 157010
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.7 6.9 10.3

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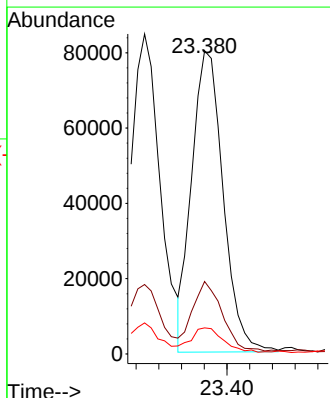
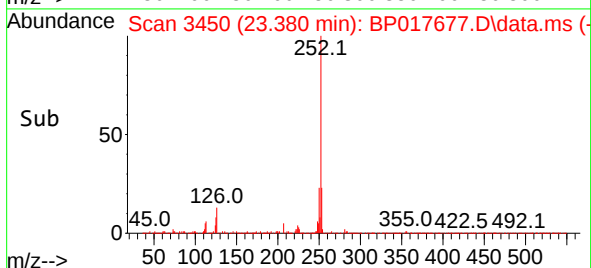
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

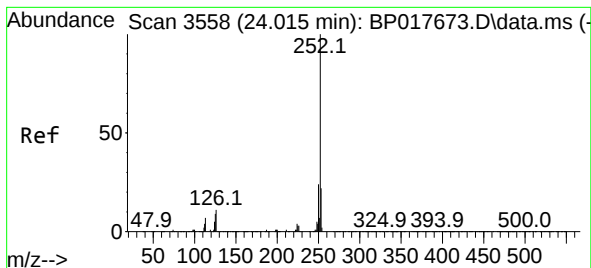


#91
Benzo(k)fluoranthene
Concen: 3.844 ng/ul
RT: 23.380 min Scan# 3450
Delta R.T. 0.012 min
Lab File: BP017677.D
Acq: 16 Oct 2023 11:58



Tgt Ion:252 Resp: 153719
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 8.6 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.015 ng/ul

RT: 24.016 min Scan# 3558

Delta R.T. 0.018 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2023-04

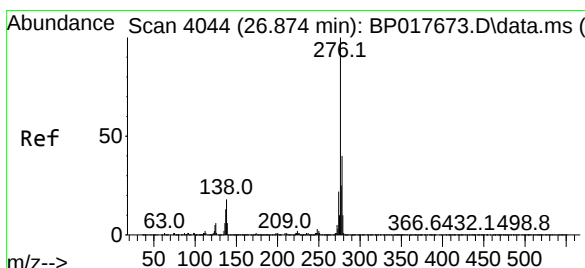
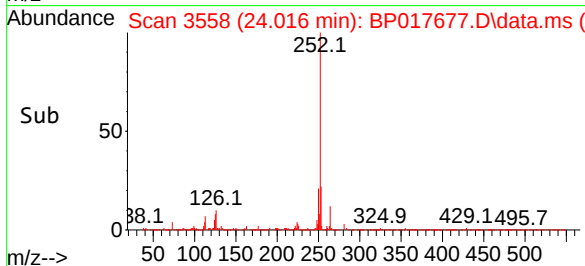
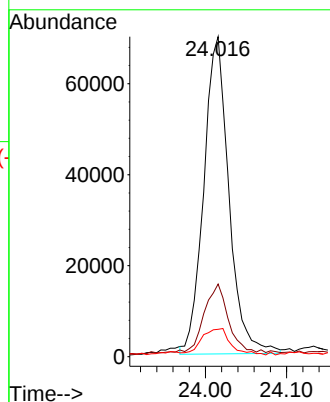
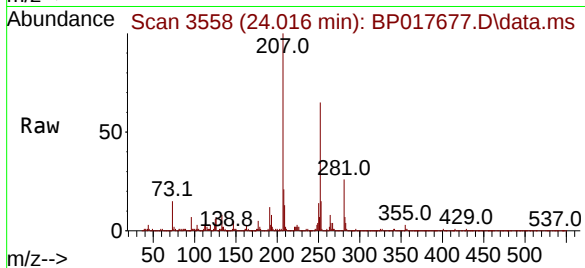
Tgt Ion:	252	Resp:	150279
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	8.6	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.010 ng/ul

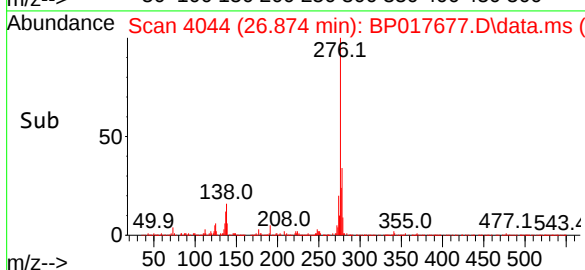
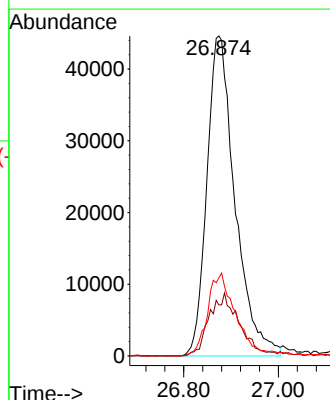
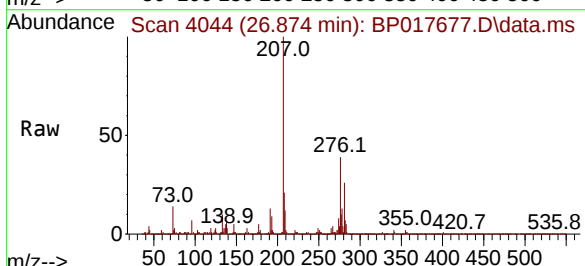
RT: 26.874 min Scan# 4044

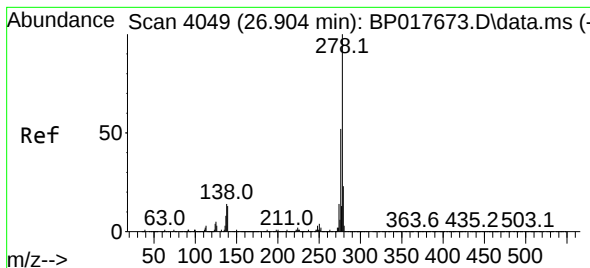
Delta R.T. 0.035 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	276	Resp:	184050
Ion Ratio	Lower	Upper	
276	100		
138	15.9	14.6	21.8
277	24.4	19.3	28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.045 ng/ul

RT: 26.910 min Scan# 4049

Delta R.T. 0.041 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Instrument :

BNP

ClientSampleId :

MDL-SOIL-QT2-2023-04

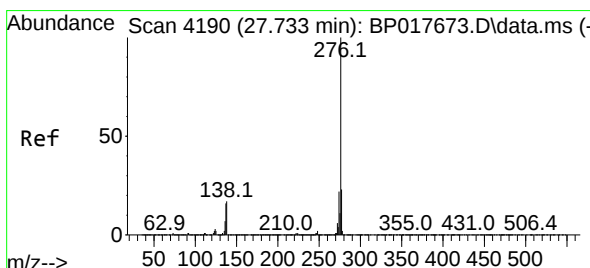
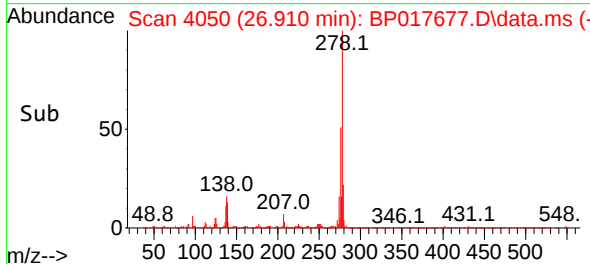
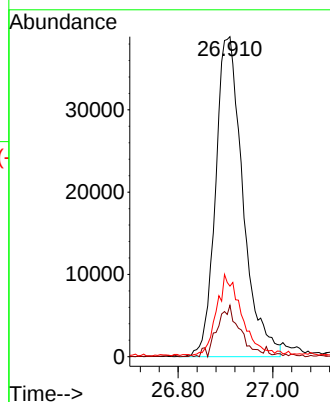
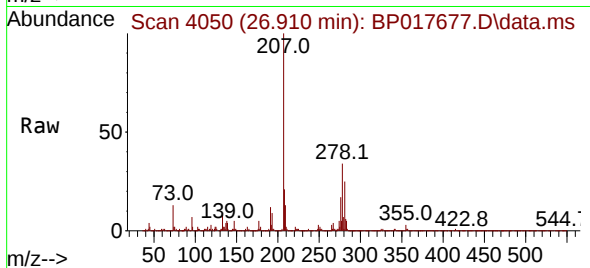
Tgt Ion:	278	Resp:	15560
Ion Ratio	Lower	Upper	
278	100		
139	16.1	10.8	16.2
279	22.1	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.194 ng/ul

RT: 27.727 min Scan# 4189

Delta R.T. 0.029 min

Lab File: BP017677.D

Acq: 16 Oct 2023 11:58

Tgt Ion:	276	Resp:	153100
Ion Ratio	Lower	Upper	
276	100		
138	16.3	14.1	21.1
277	21.0	18.7	28.1

