

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010623\
 Data File : BP013406.D
 Acq On : 06 Jan 2023 12:35
 Operator : CG/JU
 Sample : N4239-03
 Misc : SFAM-MDL-S-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2022-05

Quant Time: Jan 06 13:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	462840	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	1896548	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	1211367	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	2746879	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	2792726	20.000	ng/u1	0.00
88) Perylene-d12	23.869	264	2967489	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	51900	4.359	ng/uL	0.00
4) Pyridine-d5	3.740	84	444066	13.371	ng/u1	0.00
7) Phenol-d5	7.081	99	661264	17.218	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	461072	19.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	544287	19.004	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	519267	17.747	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	248540	18.405	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	274412	18.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	534665	18.149	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	719224	17.330	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	1695452	19.211	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1812334	18.551	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	241657	14.959	ng/u1	0.00
60) Fluorene-d10	15.557	176	1468774	18.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	263430	15.125	ng/u1	0.00
73) Anthracene-d10	17.422	188	2268064	18.681	ng/u1	0.00
81) Pyrene-d10	19.651	212	2765661	18.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	2763561	18.959	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	17697	1.350	ng/uL	92
5) Pyridine	3.764	79	114226	3.401	ng/u1#	76
6) Benzaldehyde	7.058	77	82064m	5.602	ng/u1	
8) Phenol	7.105	94	154388	3.886	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.340	93	133939	4.263	ng/u1	99
12) 2-Chlorophenol	7.475	128	125926	4.221	ng/u1	97
13) 2-Methylphenol	8.364	108	102651	3.597	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	215524	4.445	ng/u1	97
16) Acetophenone	8.746	105	191249	4.141	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	93883	4.252	ng/u1	97
18) 4-Methylphenol	8.693	108	121888	3.886	ng/u1	99
19) Hexachloroethane	8.999	117	52900	4.400	ng/u1	96
22) Nitrobenzene	9.128	77	143688	4.076	ng/u1	98
23) Isophorone	9.658	82	237051	3.843	ng/u1	99
25) 2-Nitrophenol	9.840	139	65636	4.084	ng/u1	94
26) 2,4-Dimethylphenol	9.899	107	125715	3.749	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.140	93	174484	4.280	ng/u1	99
29) 2,4-Dichlorophenol	10.375	162	121823	4.133	ng/u1	97
30) Naphthalene	10.781	128	414164	4.105	ng/u1	100
32) 4-Chloroaniline	10.893	127	159162	3.814	ng/u1	98
33) Hexachlorobutadiene	11.057	225	92553	4.373	ng/u1	98
34) Caprolactam	11.699	113	31693m	3.614	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	100515	3.534	ng/u1	96
36) 2-Methylnaphthalene	12.387	142	265932	4.121	ng/u1	99

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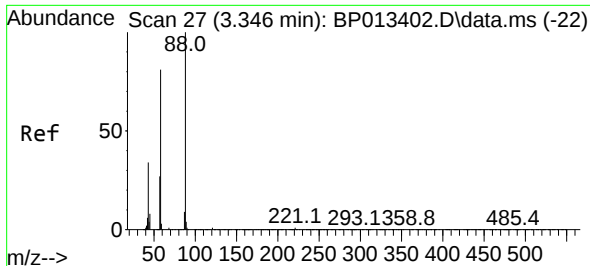
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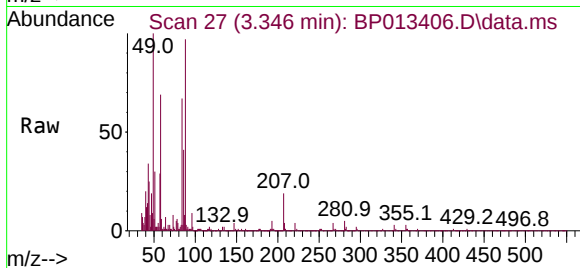
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	245465	3.668	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.752	216	171501	4.130	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	109920	4.400	ng/ul	98
41) 2,4,6-Trichlorophenol	12.999	196	86718	3.550	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	93973	3.535	ng/ul	97
43) 1,1'-Biphenyl	13.399	154	375405	4.082	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	296788	3.999	ng/ul	97
45) 2-Nitroaniline	13.646	65	56312m	3.136	ng/ul	
47) Dimethylphthalate	14.016	163	368714	4.182	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	50458	3.305	ng/ul	90
50) Acenaphthylene	14.287	152	437499	4.064	ng/ul	99
51) 3-Nitroaniline	14.469	138	48206m	2.981	ng/ul	
52) Acenaphthene	14.628	153	308932	4.009	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	47767	4.203	ng/ul	93
55) 4-Nitrophenol	14.775	109	44370	3.614	ng/ul	94
56) Dibenzofuran	14.963	168	456930	4.129	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	78336	3.451	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.193	232	83869	3.616	ng/ul	98
59) Diethylphthalate	15.381	149	338556	4.102	ng/ul	100
61) Fluorene	15.616	166	364856	4.130	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.604	204	199339	4.321	ng/ul	98
63) 4-Nitroaniline	15.640	138	48010m	3.211	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.693	198	73819	4.294	ng/ul#	89
67) N-Nitrosodiphenylamine	15.822	169	287547	3.871	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	116257	4.086	ng/ul	95
69) Hexachlorobenzene	16.622	284	142248	4.146	ng/ul	95
70) Atrazine	16.775	200	111486	3.926	ng/ul	99
71) Pentachlorophenol	16.969	266	72067	3.529	ng/ul	97
72) Phenanthrene	17.363	178	590590	4.044	ng/ul	98
74) Anthracene	17.457	178	575421	3.989	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	151689	3.657	ng/uL	97
76) Pentachlorobenzene	14.881	250	145326	3.598	ng/uL	99
77) Carbazole	17.728	167	443912	3.553	ng/ul	99
78) Di-n-butylphthalate	18.269	149	473464	3.864	ng/ul	99
80) Fluoranthene	19.328	202	660695	3.799	ng/ul	98
82) Pyrene	19.681	202	742725	4.031	ng/ul	98
83) Butylbenzylphthalate	20.545	149	196127	3.508	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.322	252	161091	3.130	ng/ul	99
85) Benzo(a)anthracene	21.392	228	722994	3.909	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	286535	3.679	ng/ul	99
87) Chrysene	21.445	228	711145	3.945	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	474191	3.728	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	754438	4.020	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	727406	4.062	ng/ul	100
93) Benzo(a)pyrene	23.757	252	687804	4.174	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.439	276	872789	3.823	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	742262	3.897	ng/ul	99
96) Benzo(g,h,i)perylene	27.227	276	713505	3.800	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.350 ng/uL
RT: 3.346 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

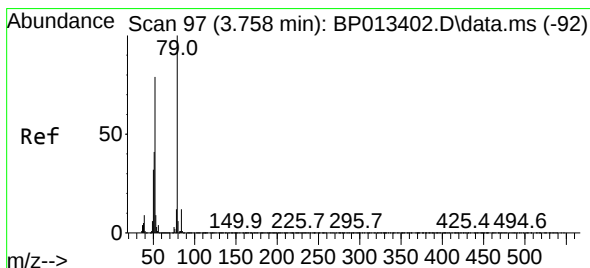
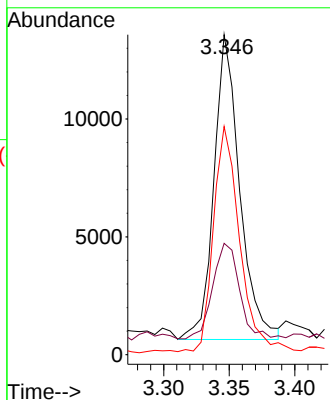
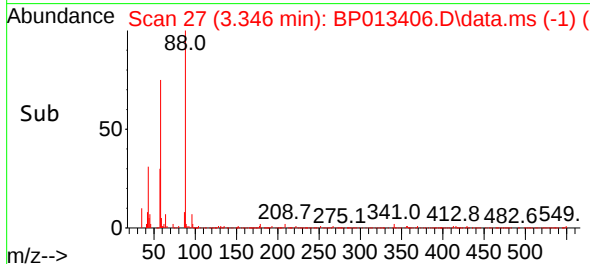
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



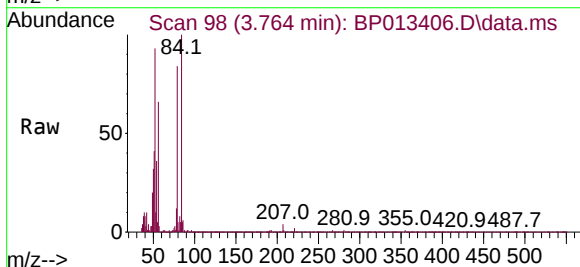
Tgt Ion: 88 Resp: 1769
Ion Ratio Lower Upper
88 100
43 34.8 26.6 40.0
58 71.3 64.7 97.1

Manual Integrations
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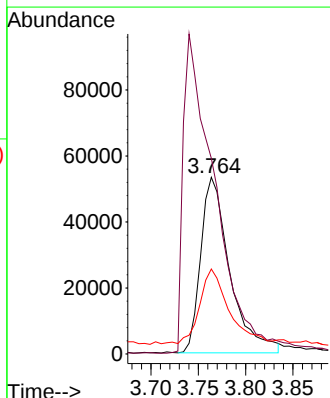
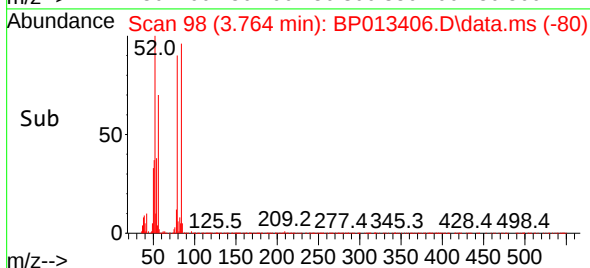
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

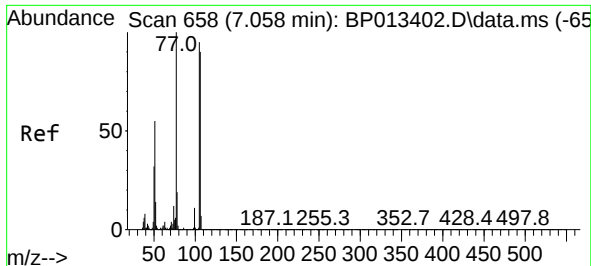


#5
Pyridine
Concen: 3.401 ng/uL
RT: 3.764 min Scan# 98
Delta R.T. 0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



Tgt Ion: 79 Resp: 114226
Ion Ratio Lower Upper
79 100
52 110.8 67.7 101.5
51 48.1 32.3 48.5





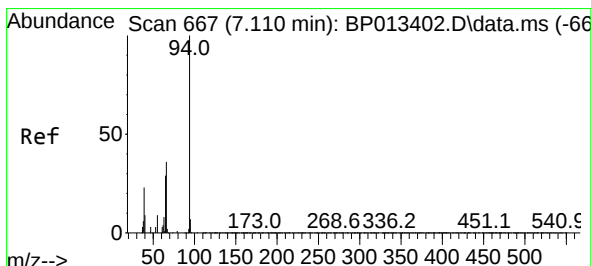
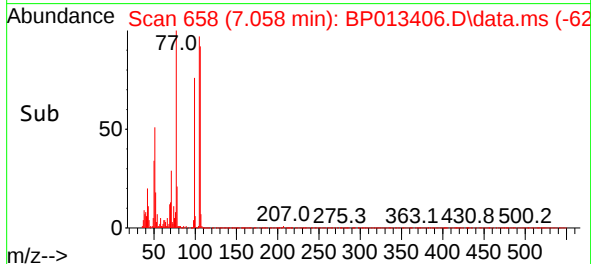
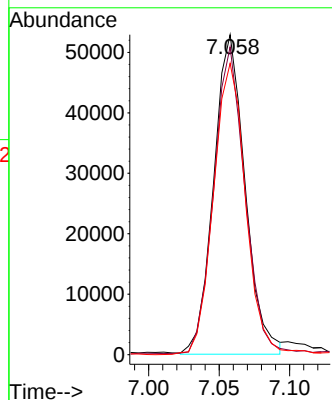
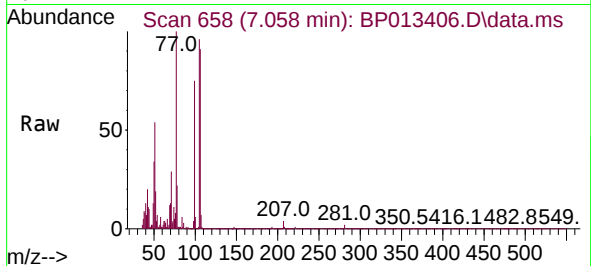
#6
Benzaldehyde
Concen: 5.602 ng/ul m
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion: 77 Resp: 82064
Ion Ratio Lower Upper
77 100
105 96.2 75.4 113.0
106 91.1 69.8 104.8

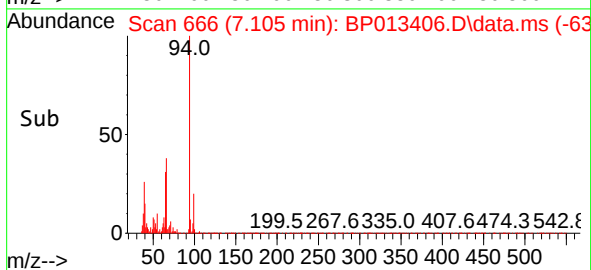
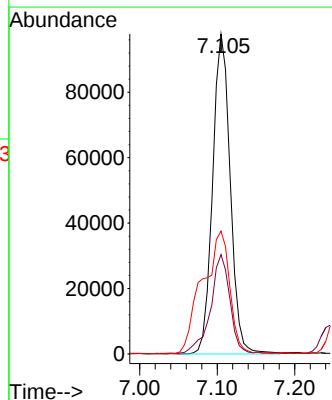
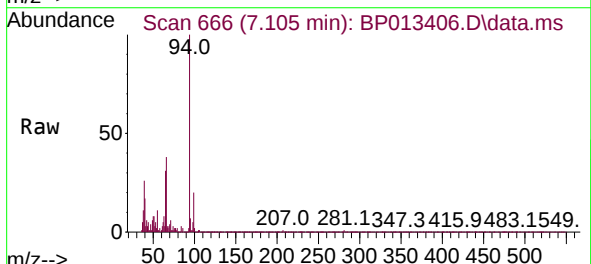
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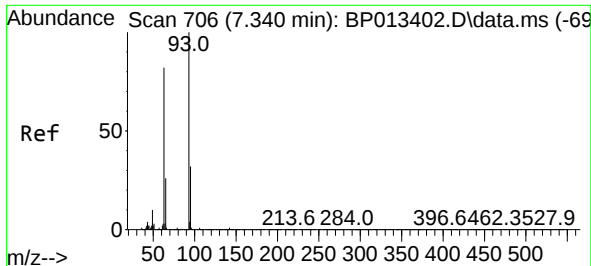
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#8
Phenol
Concen: 3.886 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

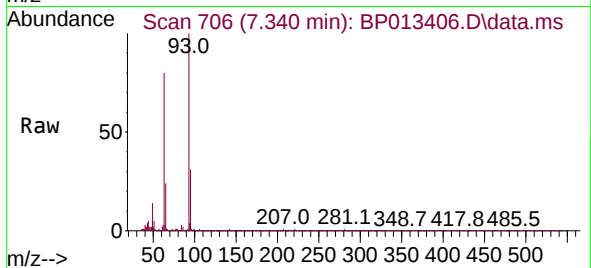
Tgt Ion: 94 Resp: 154388
Ion Ratio Lower Upper
94 100
65 31.1 22.8 34.2
66 38.4 28.6 42.8





#10
Bis(2-Chloroethyl)ether
Concen: 4.263 ng/ul
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

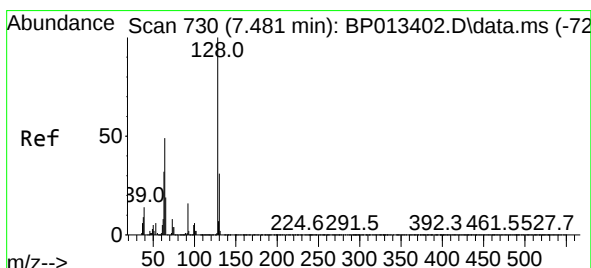
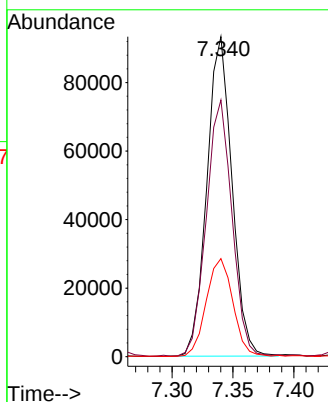
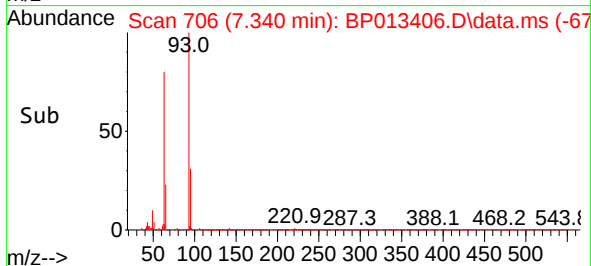
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion: 93 Resp: 133939
Ion Ratio Lower Upper
93 100
63 80.2 64.7 97.1
95 30.6 25.7 38.5

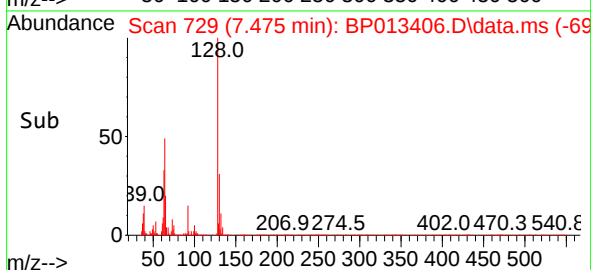
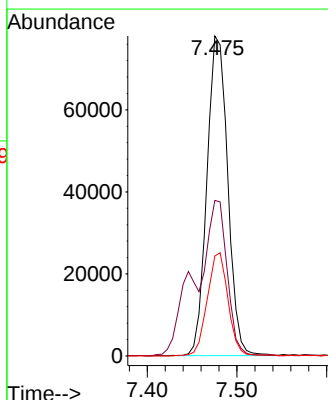
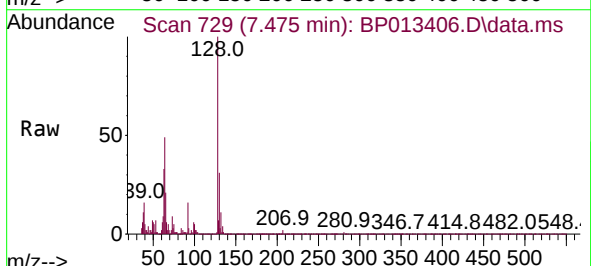
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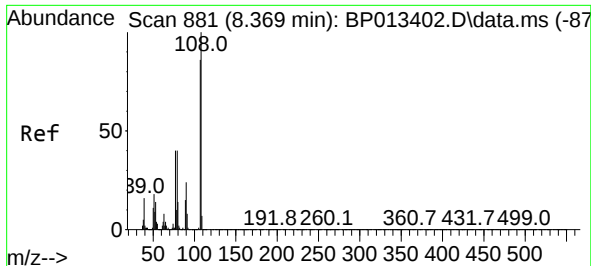
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#12
2-Chlorophenol
Concen: 4.221 ng/ul
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:128 Resp: 125926
Ion Ratio Lower Upper
128 100
64 48.6 41.4 62.2
130 31.2 24.9 37.3





#13

2-Methylphenol

Concen: 3.597 ng/ul

RT: 8.364 min Scan# 881

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2022-05

Tgt Ion:108 Resp: 10265

Ion Ratio Lower Upper

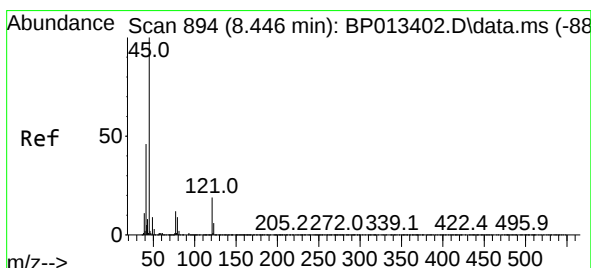
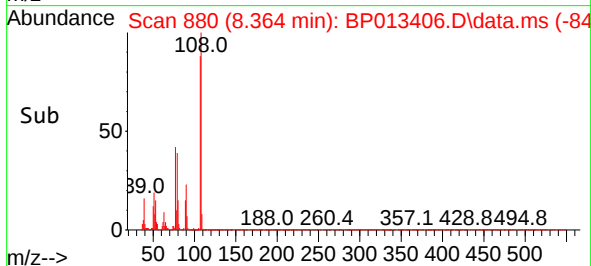
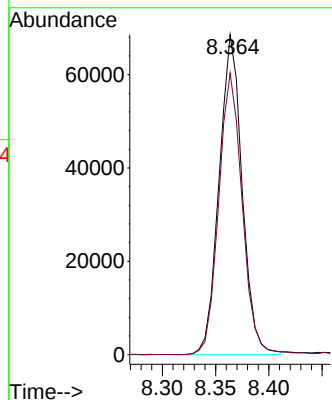
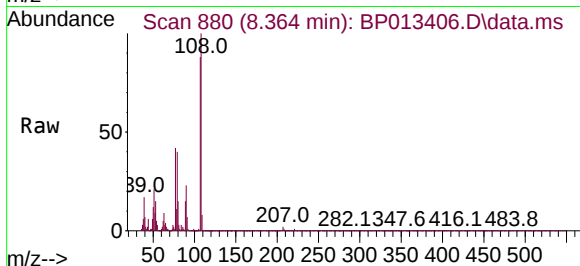
108 100

107 88.0 69.4 104.0

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.445 ng/ul

RT: 8.446 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

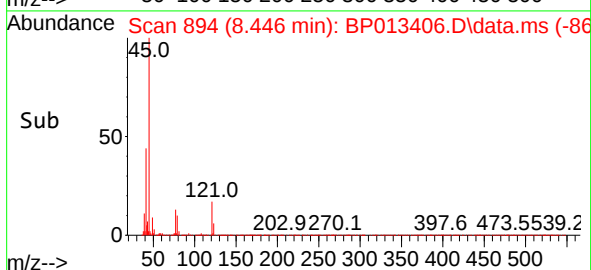
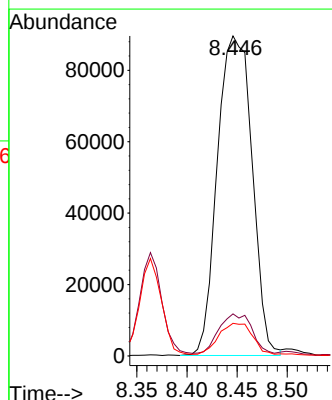
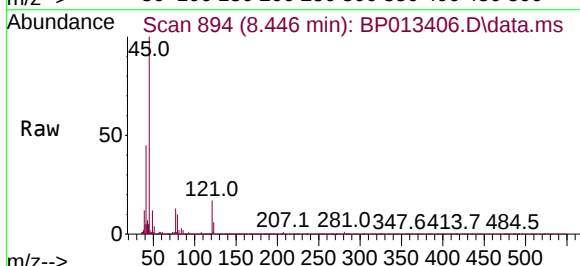
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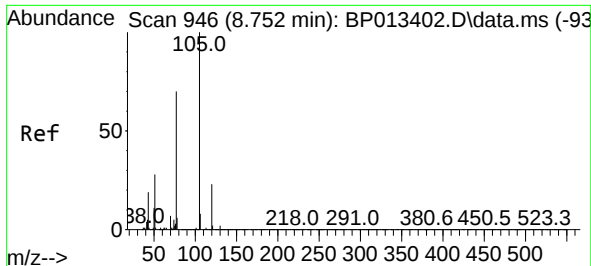
Ion Ratio Lower Upper

45 100

77 13.2 10.1 15.1

79 10.2 7.0 10.4





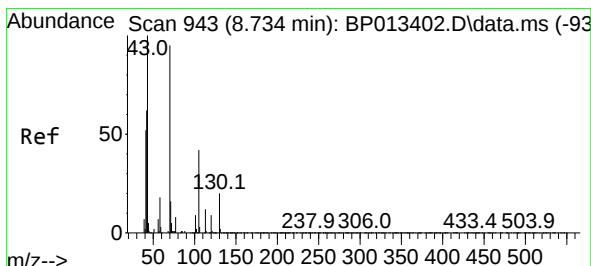
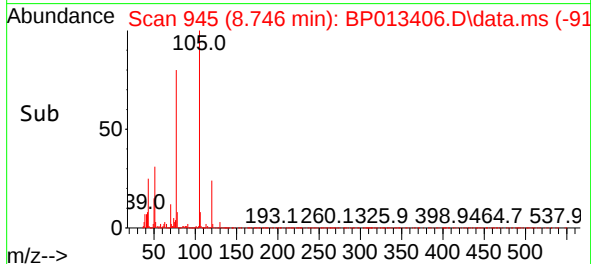
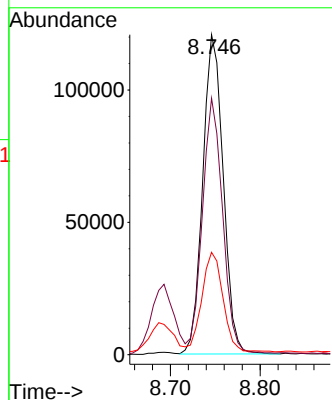
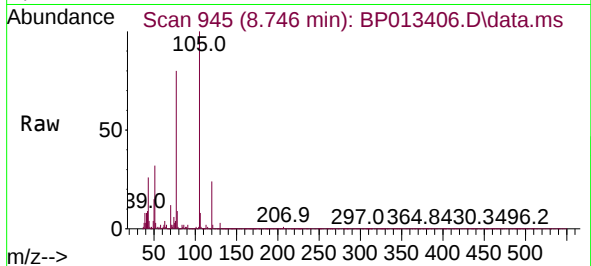
#16
Acetophenone
Concen: 4.141 ng/ul
RT: 8.746 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:105 Resp: 191249
Ion Ratio Lower Upper
105 100
77 80.1 62.5 93.7
51 32.0 24.7 37.1

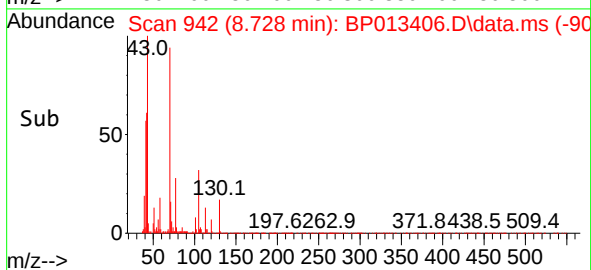
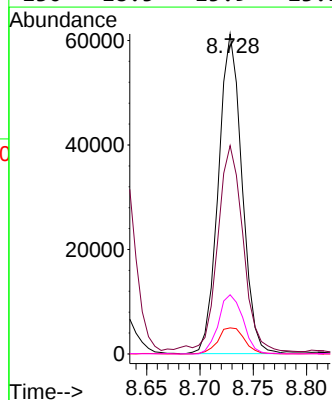
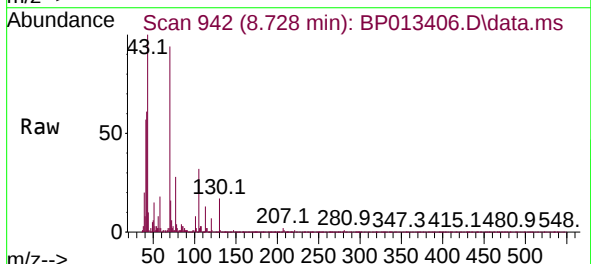
Manual Integrations
APPROVED

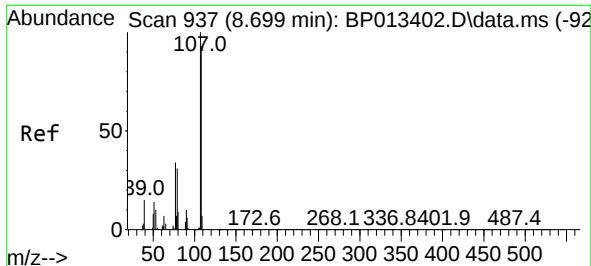
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.252 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion: 70 Resp: 93883
Ion Ratio Lower Upper
70 100
42 65.1 53.6 80.4
101 8.2 8.0 12.0
130 18.5 15.9 23.9





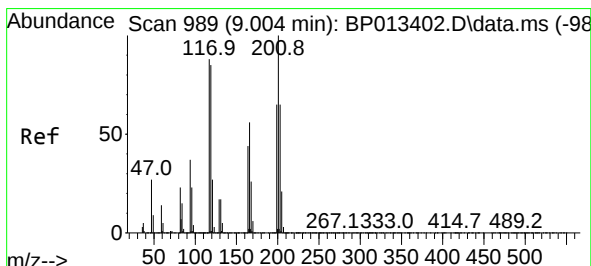
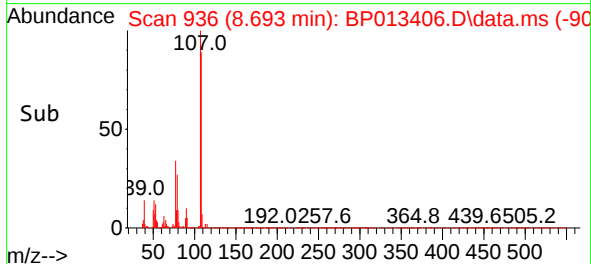
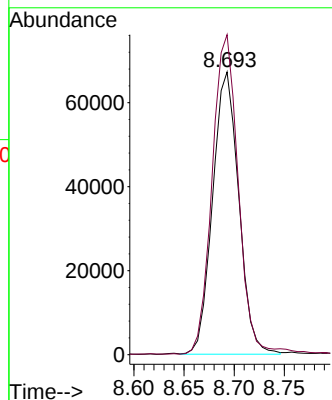
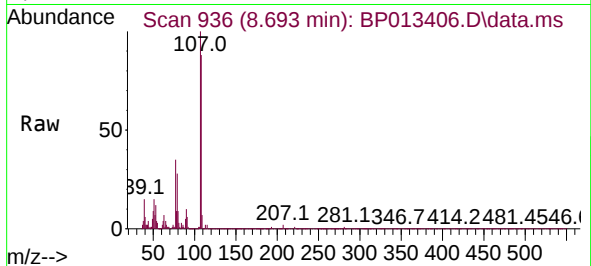
#18
4-Methylphenol
Concen: 3.886 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:108 Resp: 12188
Ion Ratio Lower Upper
108 100
107 113.2 89.5 134.3

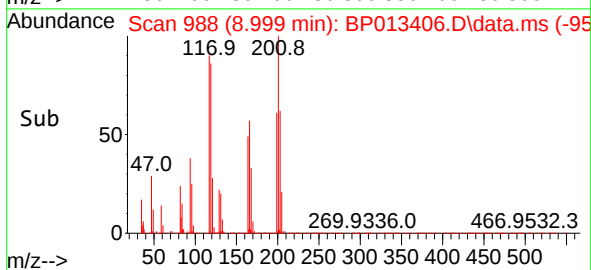
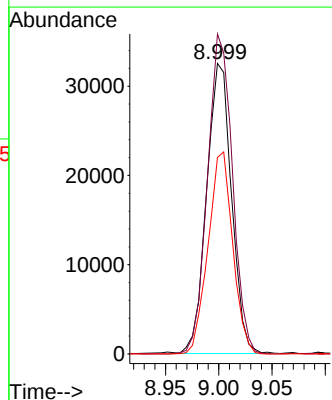
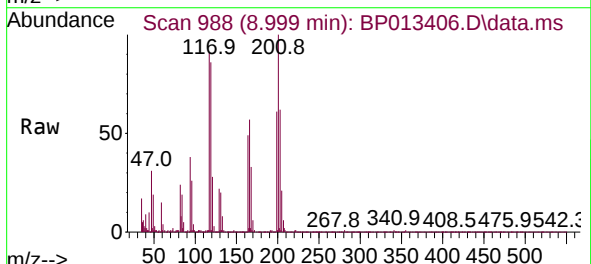
Manual Integrations
APPROVED

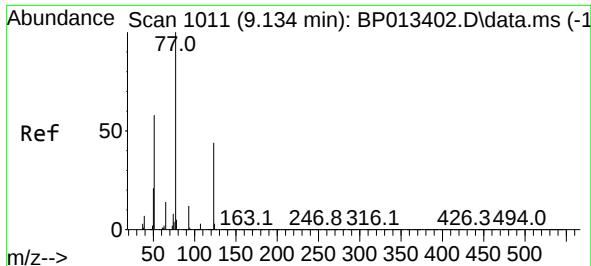
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#19
Hexachloroethane
Concen: 4.400 ng/ul
RT: 8.999 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

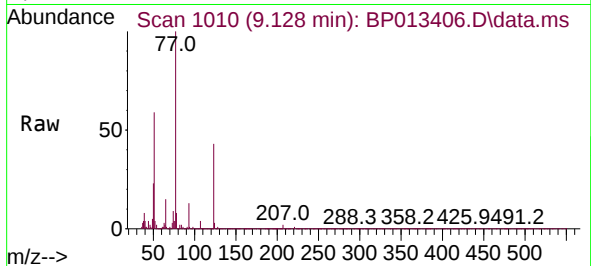
Tgt Ion:117 Resp: 52900
Ion Ratio Lower Upper
117 100
201 110.1 90.6 136.0
199 67.6 58.7 88.1





#22
Nitrobenzene
Concen: 4.076 ng/ul
RT: 9.128 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

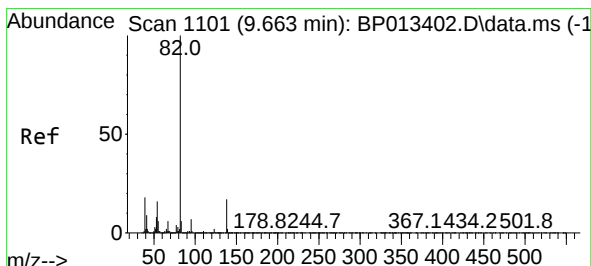
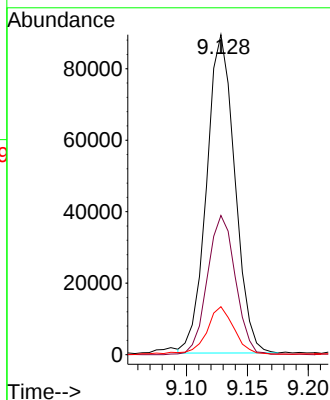
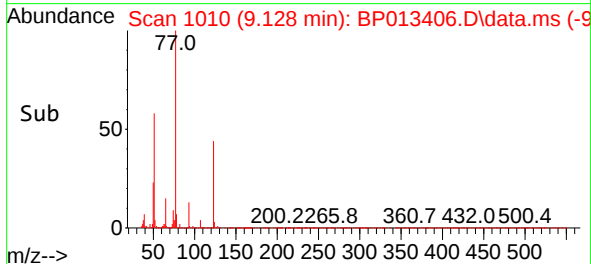
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion: 77 Resp: 143688
Ion Ratio Lower Upper
77 100
123 43.5 33.7 50.5
65 15.0 11.0 16.4

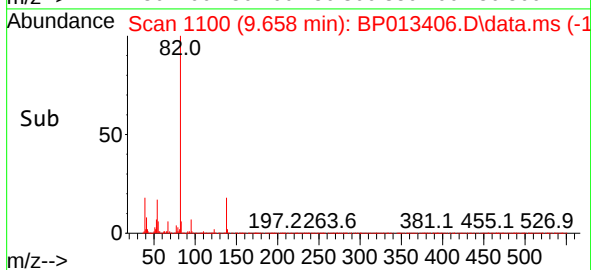
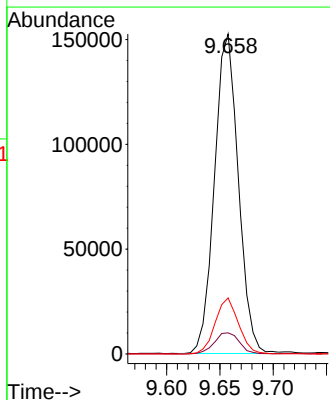
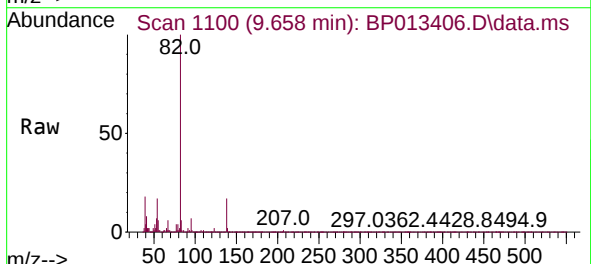
Manual Integrations
APPROVED

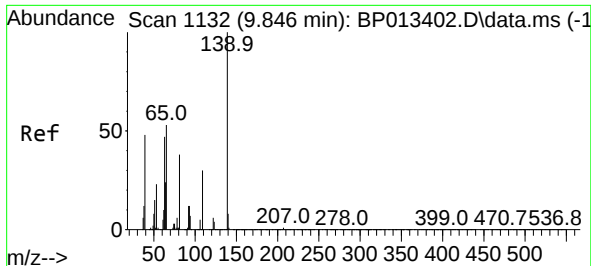
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#23
Isophorone
Concen: 3.843 ng/ul
RT: 9.658 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion: 82 Resp: 237051
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.5 13.8 20.6





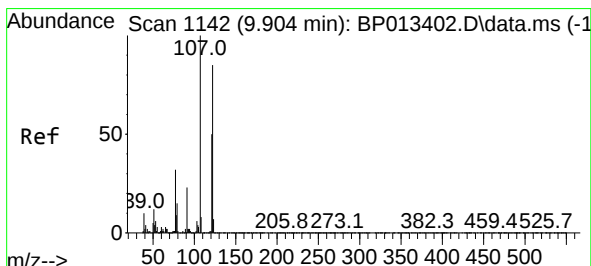
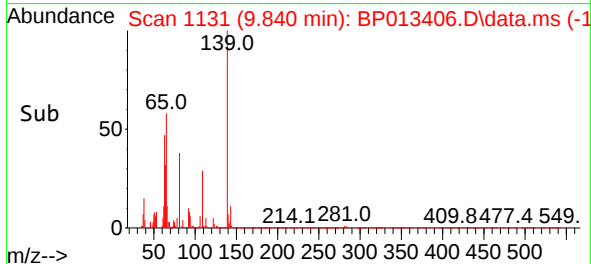
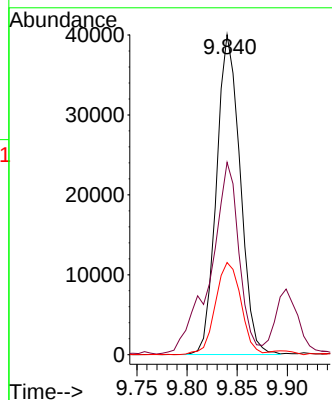
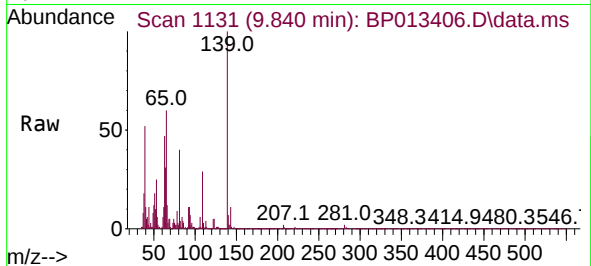
#25
2-Nitrophenol
Concen: 4.084 ng/ul
RT: 9.840 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:	139	Resp:	65630
Ion Ratio	Lower	Upper	
139	100		
65	60.1	43.0	64.6
109	28.8	23.4	35.2

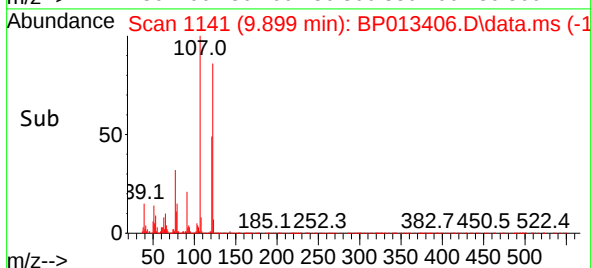
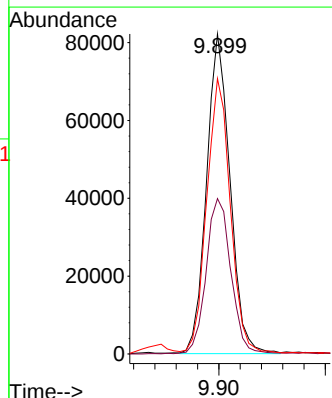
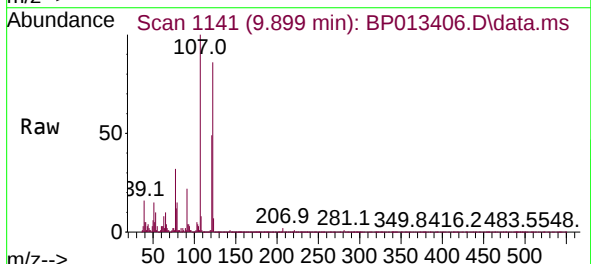
Manual Integrations
APPROVED

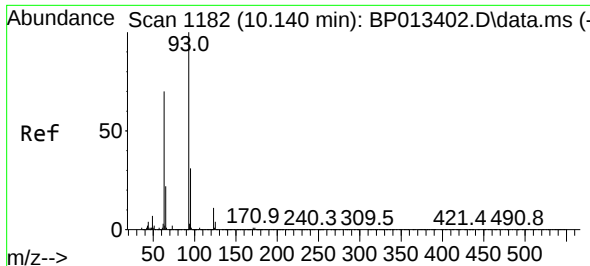
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#26
2,4-Dimethylphenol
Concen: 3.749 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

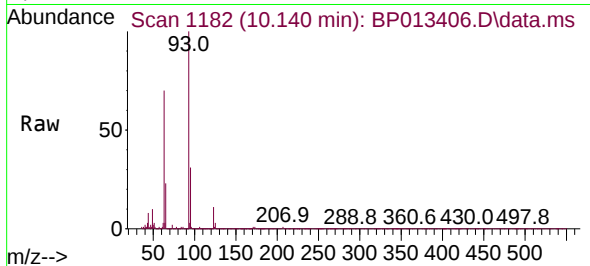
Tgt Ion:	107	Resp:	125715
Ion Ratio	Lower	Upper	
107	100		
121	48.6	39.9	59.9
122	86.0	68.3	102.5





#27
Bis(2-Chloroethoxy)methane
Concen: 4.280 ng/ul
RT: 10.140 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

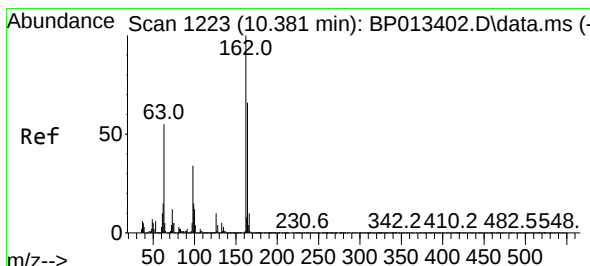
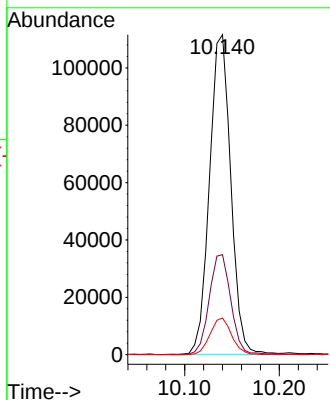
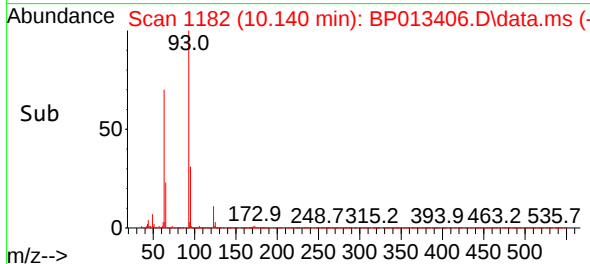
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



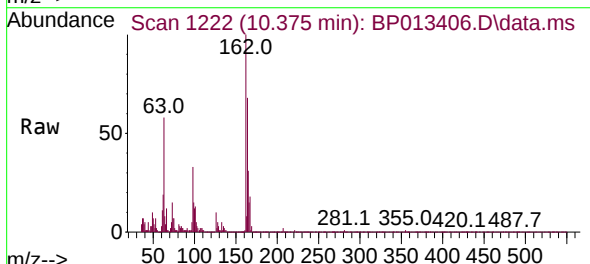
Tgt Ion: 93 Resp: 174484
Ion Ratio Lower Upper
93 100
95 31.3 25.3 37.9
123 11.5 8.4 12.6

Manual Integrations
APPROVED

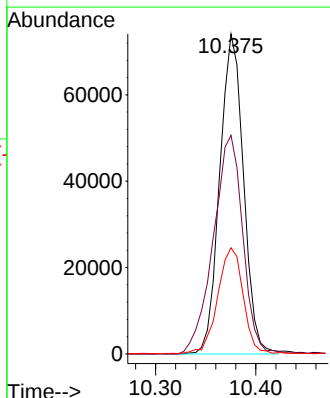
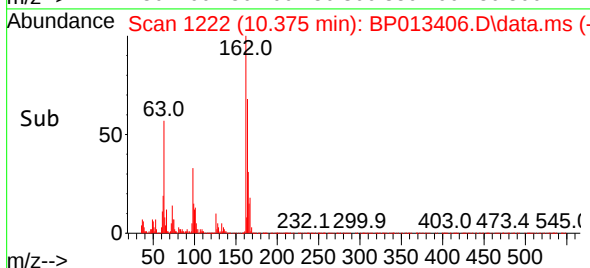
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

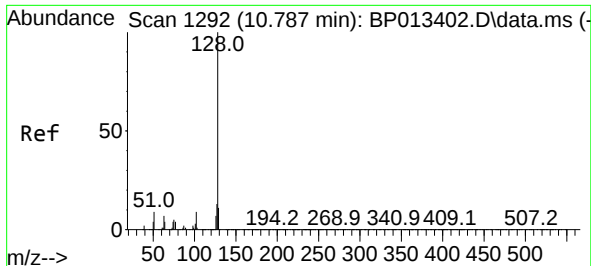


#29
2,4-Dichlorophenol
Concen: 4.133 ng/ul
RT: 10.375 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



Tgt Ion:162 Resp: 121823
Ion Ratio Lower Upper
162 100
164 68.3 51.9 77.9
98 33.2 27.1 40.7





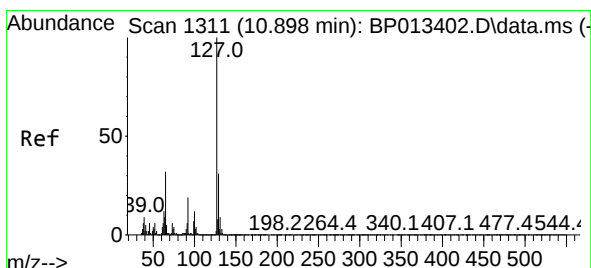
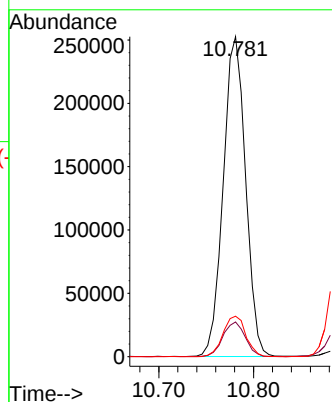
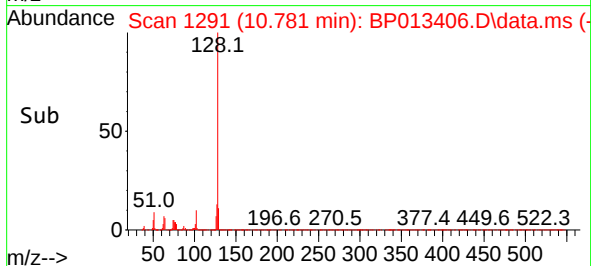
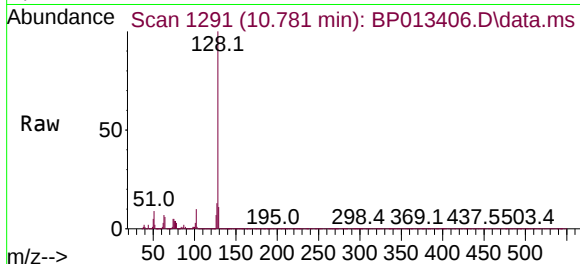
#30
Naphthalene
Concen: 4.105 ng/ul
RT: 10.781 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:128 Resp: 414164
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.7 10.1 15.1

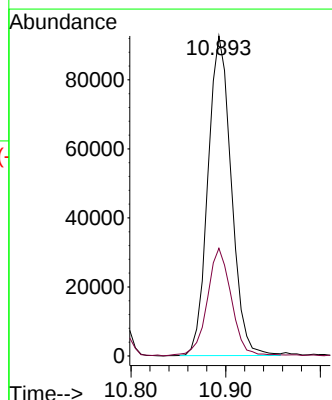
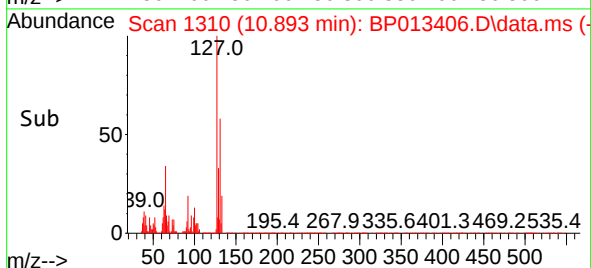
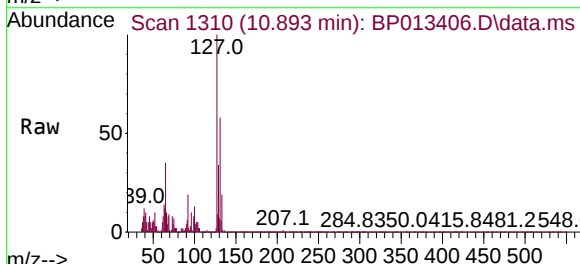
Manual Integrations
APPROVED

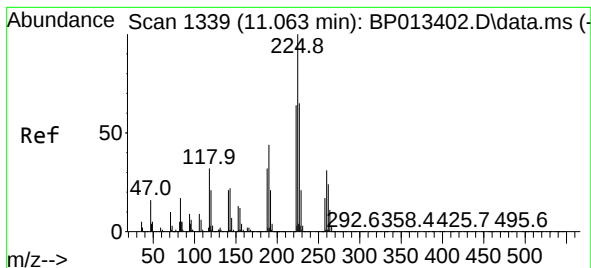
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#32
4-Chloroaniline
Concen: 3.814 ng/ul
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

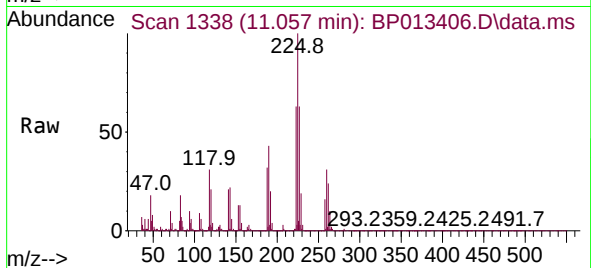
Tgt Ion:127 Resp: 159162
Ion Ratio Lower Upper
127 100
129 33.6 26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.373 ng/ul
RT: 11.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

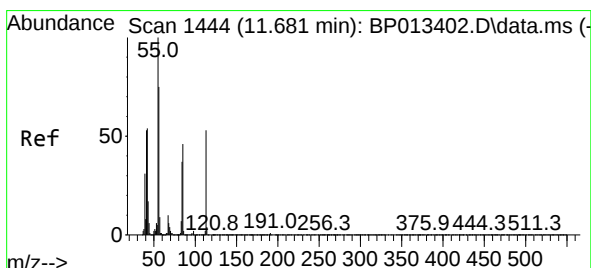
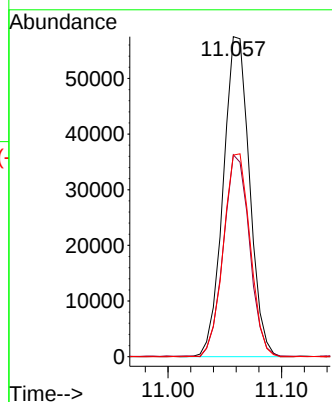
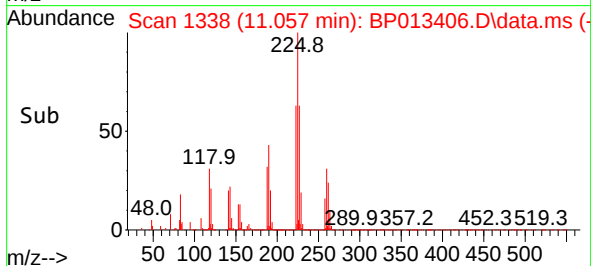
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



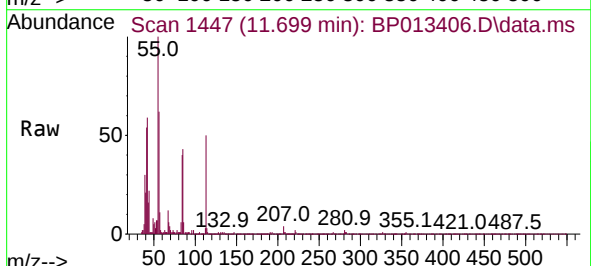
Tgt Ion:225 Resp: 9255
Ion Ratio Lower Upper
225 100
223 63.1 48.8 73.2
227 63.0 50.6 76.0

Manual Integrations
APPROVED

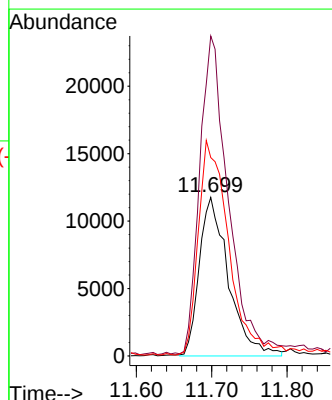
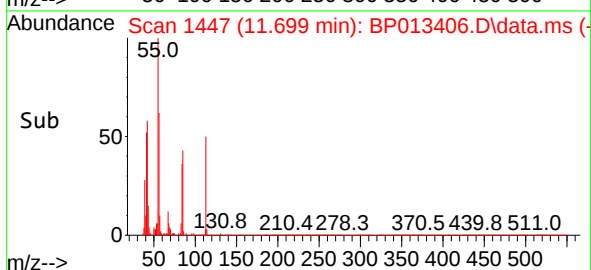
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

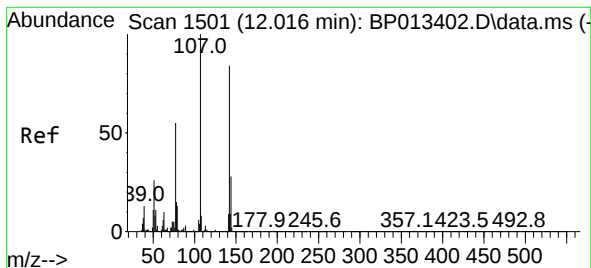


#34
Caprolactam
Concen: 3.614 ng/ul m
RT: 11.699 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



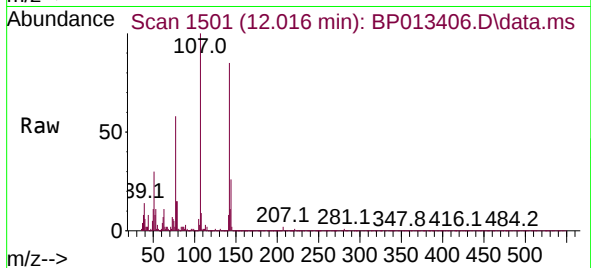
Tgt Ion:113 Resp: 31693
Ion Ratio Lower Upper
113 100
55 201.8 156.4 234.6
56 125.1 117.1 175.7





#35
4-Chloro-3-methylphenol
Concen: 3.534 ng/ul
RT: 12.016 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

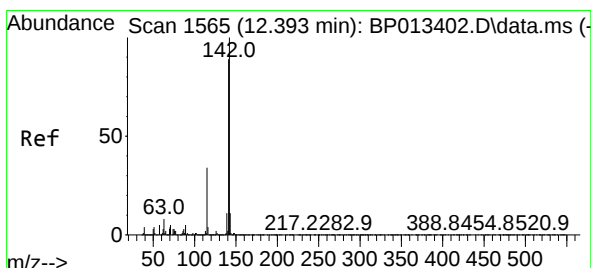
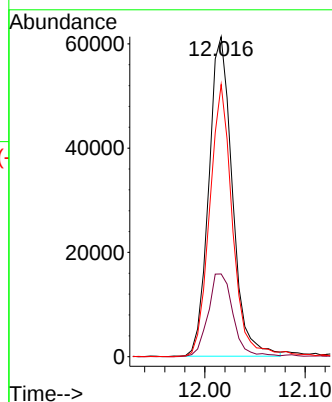
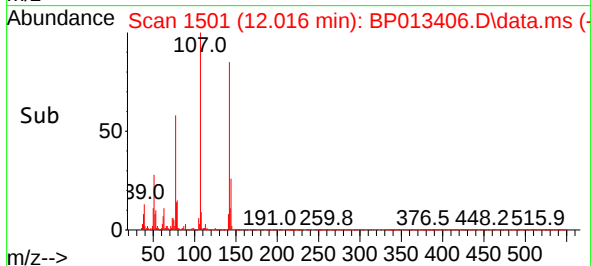
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:107 Resp: 10051
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 85.0 64.8 97.2

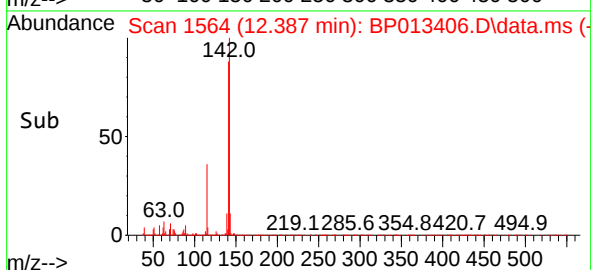
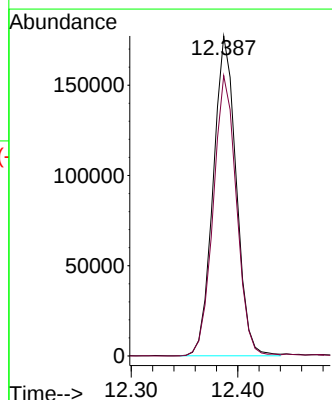
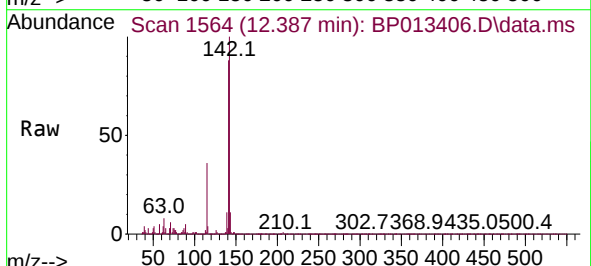
Manual Integrations
APPROVED

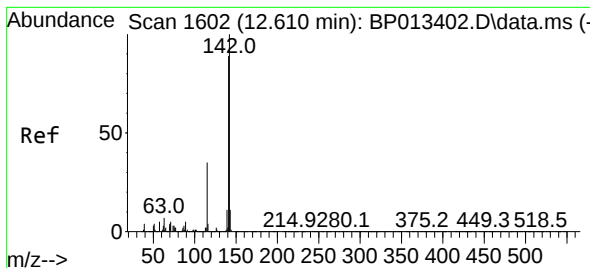
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#36
2-Methylnaphthalene
Concen: 4.121 ng/ul
RT: 12.387 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:142 Resp: 265932
Ion Ratio Lower Upper
142 100
141 87.6 69.7 104.5





#37

1-Methylnaphthalene

Concen: 3.668 ng/ul

RT: 12.604 min Scan# 1601

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

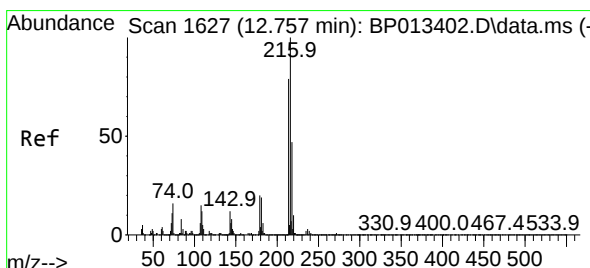
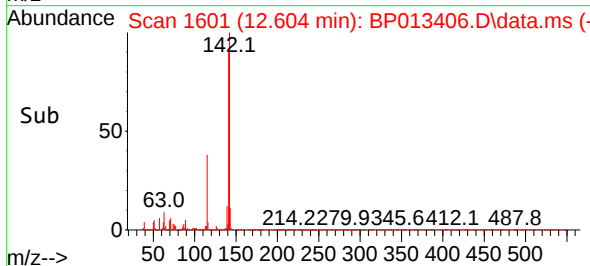
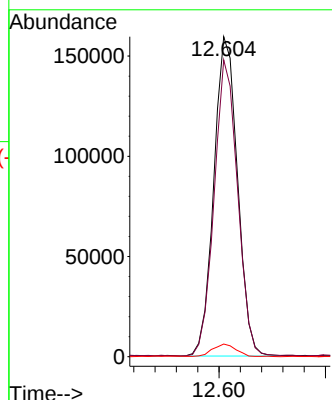
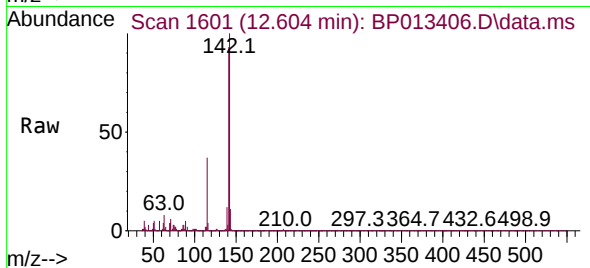
MDL-SOIL-QT3-2022-05

Tgt Ion:	142	Resp:	24546
Ion Ratio	Lower	Upper	
142	100		
141	92.7	74.2	111.4
116	3.9	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.130 ng/ul

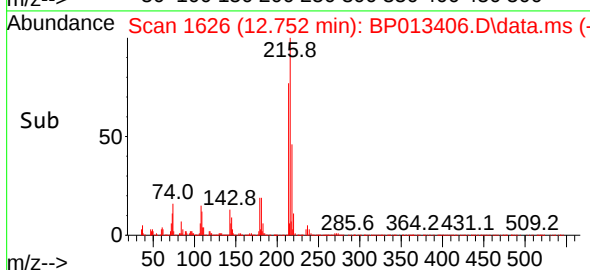
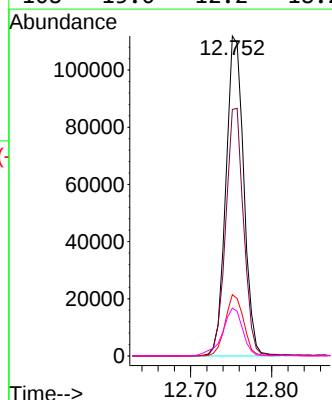
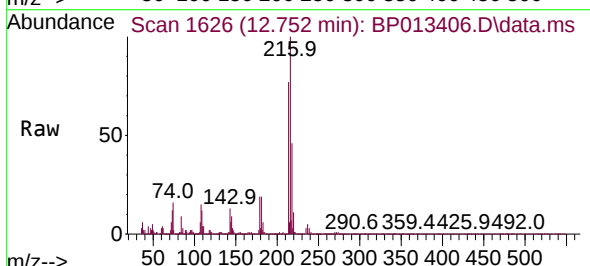
RT: 12.752 min Scan# 1626

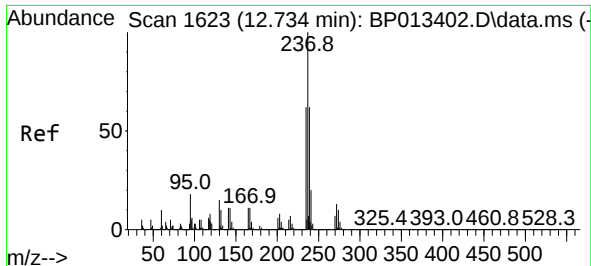
Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

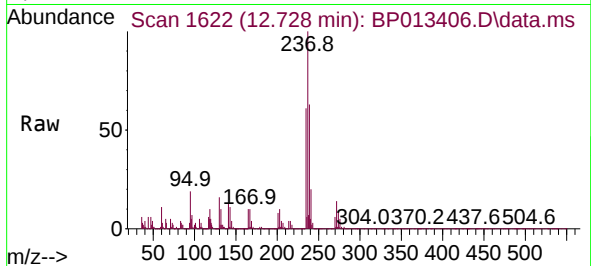
Tgt Ion:	216	Resp:	171501
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.8	94.2
179	19.2	15.1	22.7
108	15.0	12.2	18.2





#40
Hexachlorocyclopentadiene
Concen: 4.400 ng/ul
RT: 12.728 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

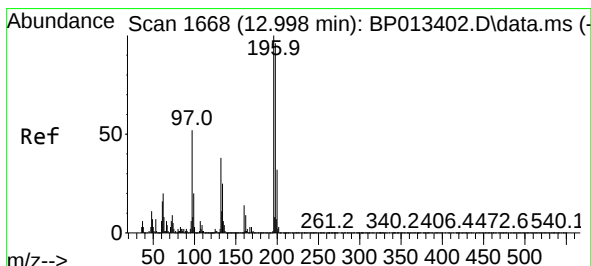
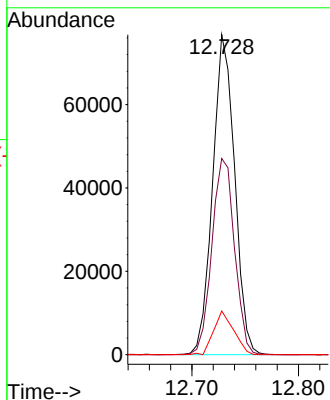
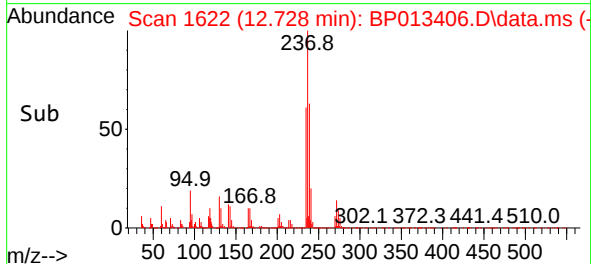
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:237 Resp: 109920
Ion Ratio Lower Upper
237 100
235 61.3 50.8 76.2
272 14.3 11.5 17.3

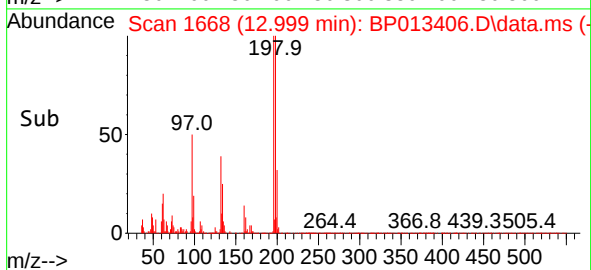
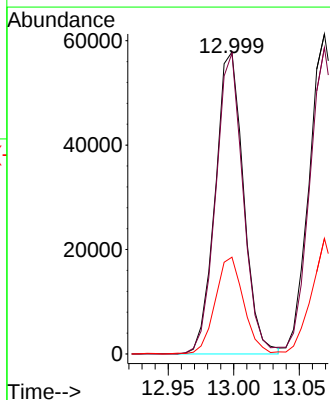
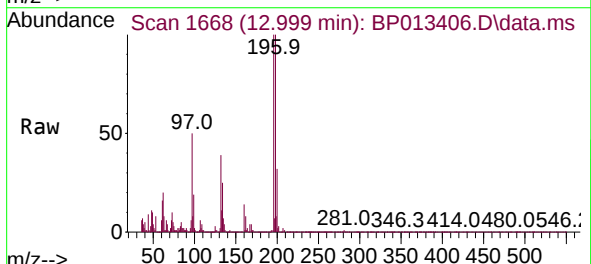
Manual Integrations
APPROVED

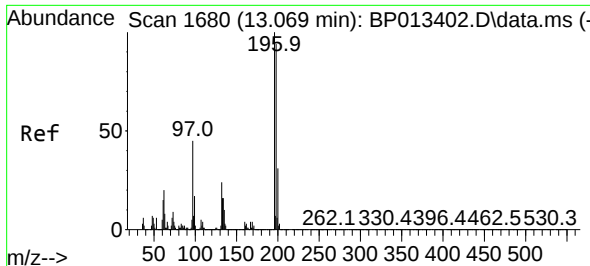
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#41
2,4,6-Trichlorophenol
Concen: 3.550 ng/ul
RT: 12.999 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

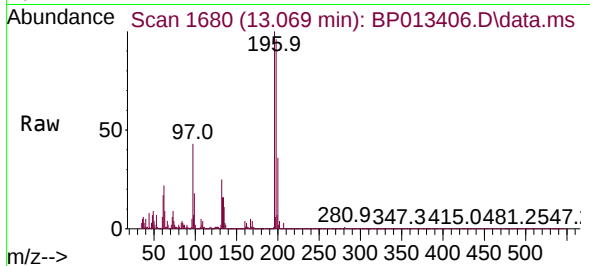
Tgt Ion:196 Resp: 86718
Ion Ratio Lower Upper
196 100
198 99.6 77.9 116.9
200 32.1 25.6 38.4





#42
2,4,5-Trichlorophenol
Concen: 3.535 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

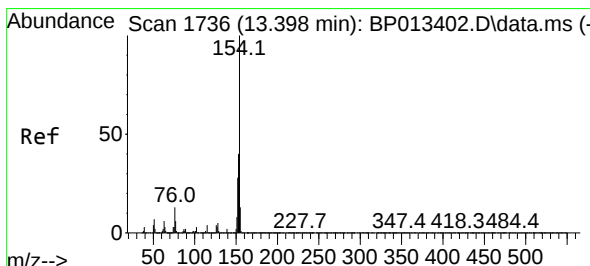
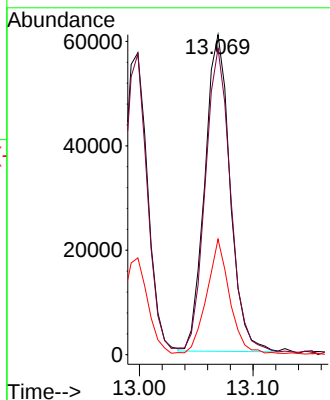
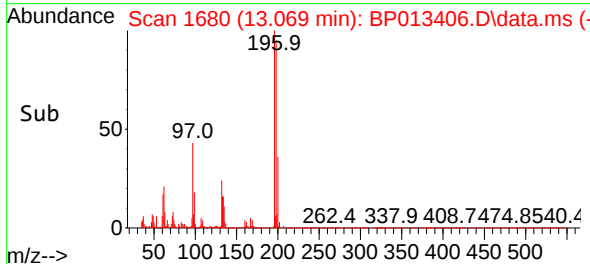
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



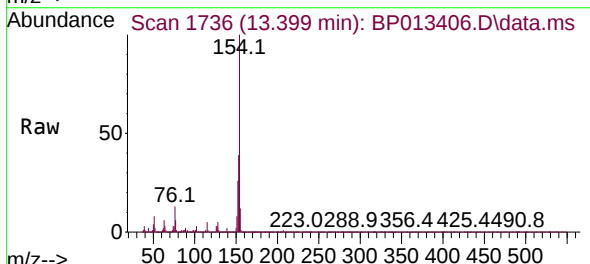
Tgt Ion:196 Resp: 9397
Ion Ratio Lower Upper
196 100
198 95.8 76.0 114.0
200 36.1 24.4 36.6

Manual Integrations
APPROVED

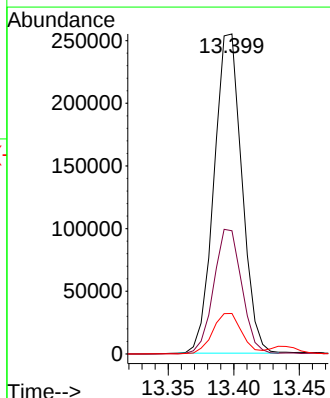
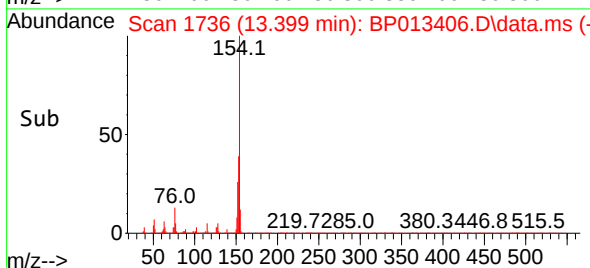
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

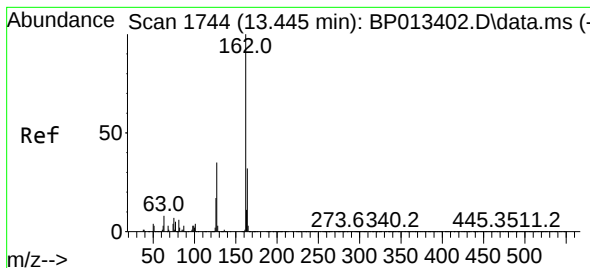


#43
1,1'-Biphenyl
Concen: 4.082 ng/ul
RT: 13.399 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



Tgt Ion:154 Resp: 375405
Ion Ratio Lower Upper
154 100
153 38.5 31.9 47.9
76 12.7 10.3 15.5





#44

2-Chloronaphthalene

Concen: 3.999 ng/ul

RT: 13.440 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

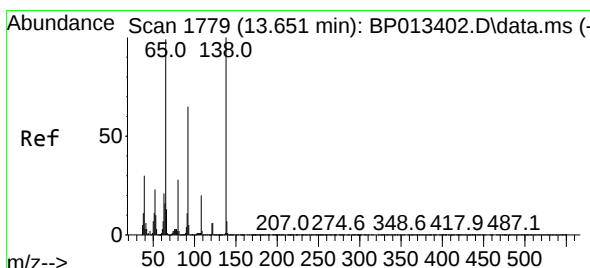
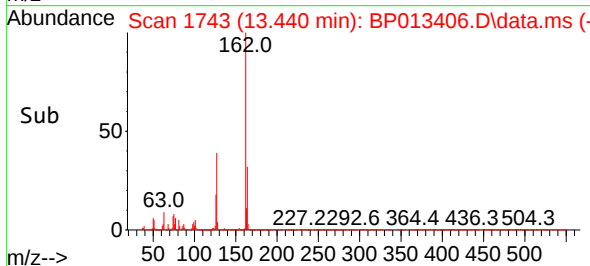
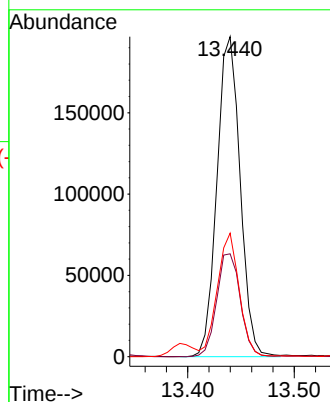
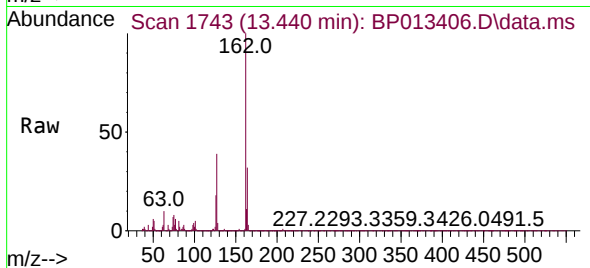
MDL-SOIL-QT3-2022-05

Tgt Ion:	162	Resp:	29678
Ion Ratio	Lower	Upper	
162	100		
164	32.1	26.4	39.6
127	38.6	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#45

2-Nitroaniline

Concen: 3.136 ng/ul m

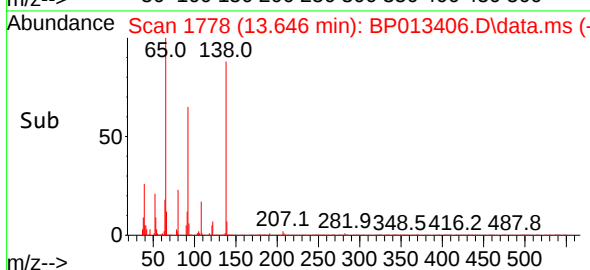
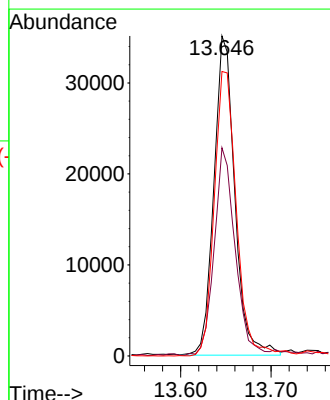
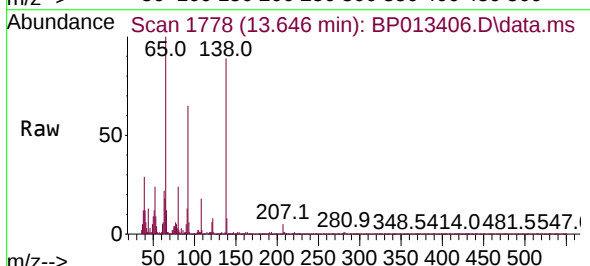
RT: 13.646 min Scan# 1778

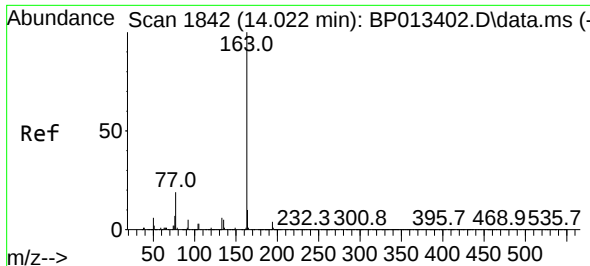
Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Tgt Ion:	65	Resp:	56312
Ion Ratio	Lower	Upper	
65	100		
92	65.1	53.5	80.3
138	88.9	79.4	119.0





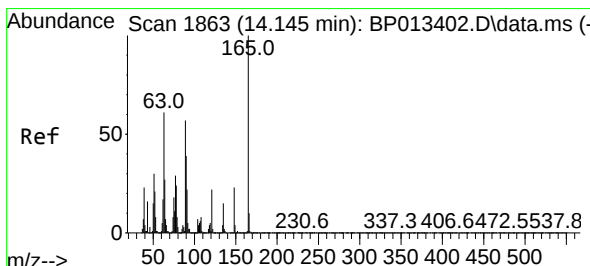
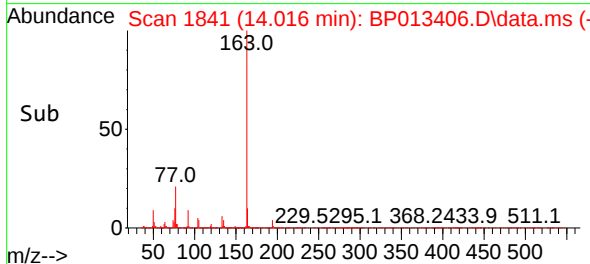
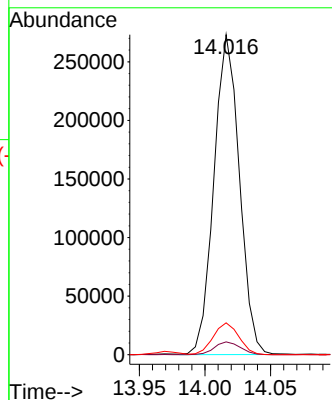
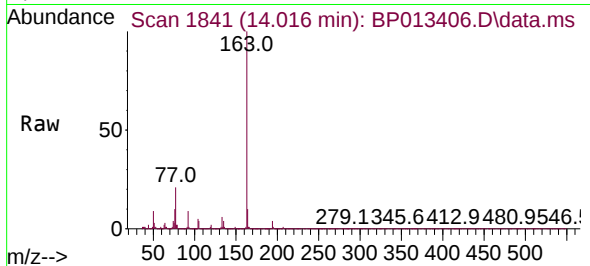
#47
Dimethylphthalate
Concen: 4.182 ng/ul
RT: 14.016 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:163 Resp: 368714
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.9 7.8 11.8

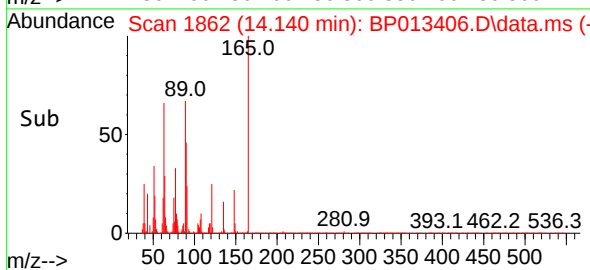
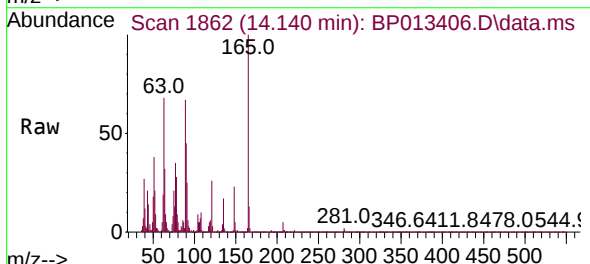
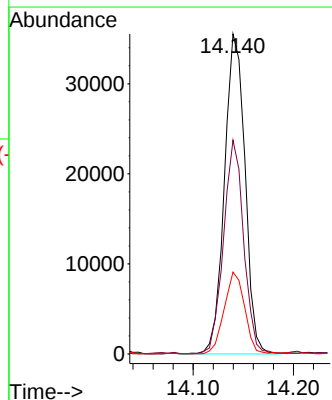
Manual Integrations
APPROVED

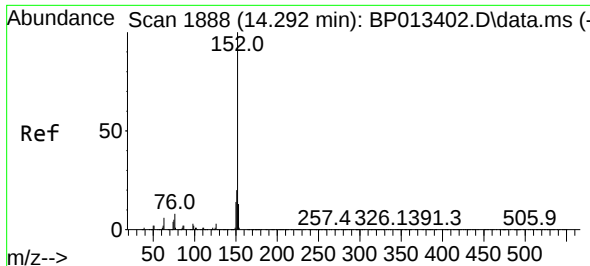
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#48
2,6-Dinitrotoluene
Concen: 3.305 ng/ul
RT: 14.140 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

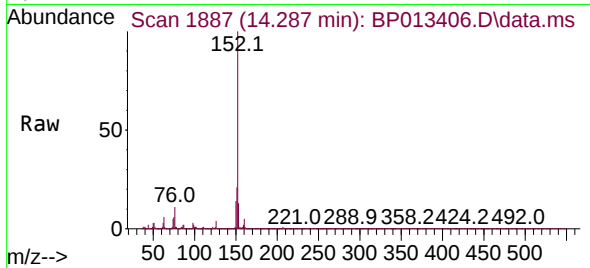
Tgt Ion:165 Resp: 50458
Ion Ratio Lower Upper
165 100
89 66.8 47.1 70.7
121 25.6 17.3 25.9





#50
Acenaphthylene
Concen: 4.064 ng/ul
RT: 14.287 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

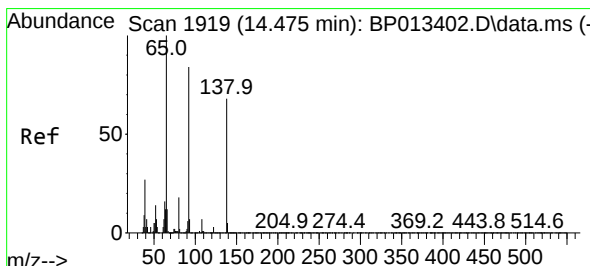
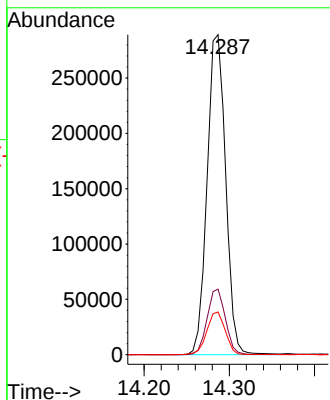
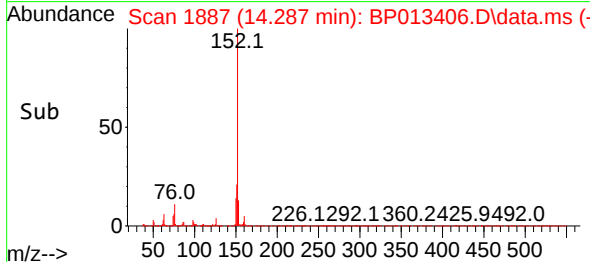
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:152 Resp: 437499
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.3 10.3 15.5

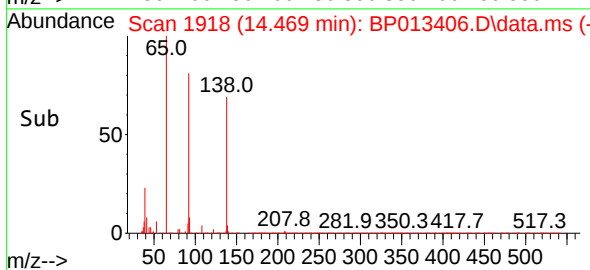
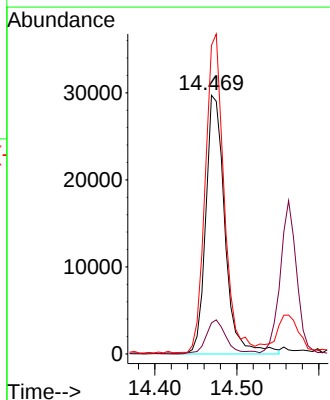
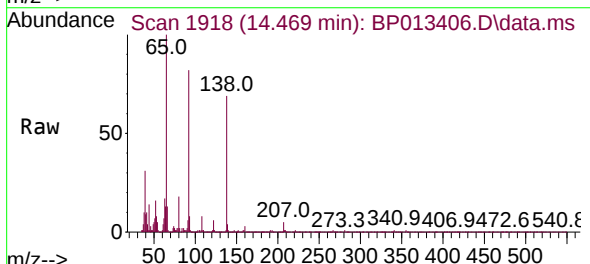
Manual Integrations
APPROVED

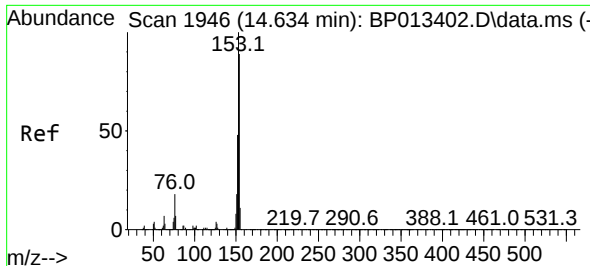
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#51
3-Nitroaniline
Concen: 2.981 ng/ul m
RT: 14.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

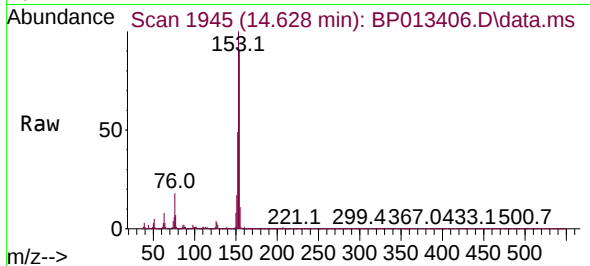
Tgt Ion:138 Resp: 48206
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 119.3 95.0 142.4





#52
Acenaphthene
Concen: 4.009 ng/ul
RT: 14.628 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

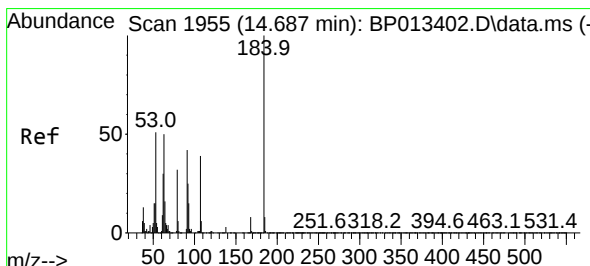
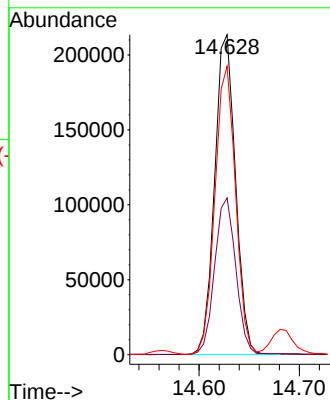
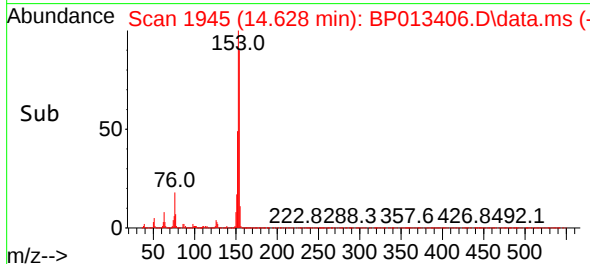
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



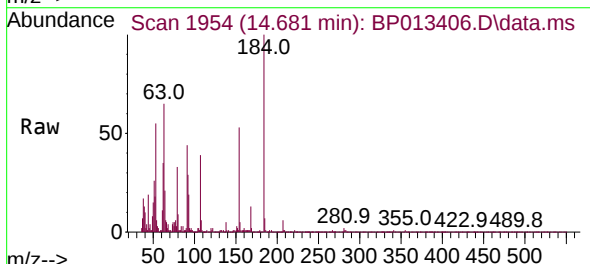
Tgt Ion:153 Resp: 308932
Ion Ratio Lower Upper
153 100
152 49.0 38.4 57.6
154 90.2 70.6 106.0

Manual Integrations
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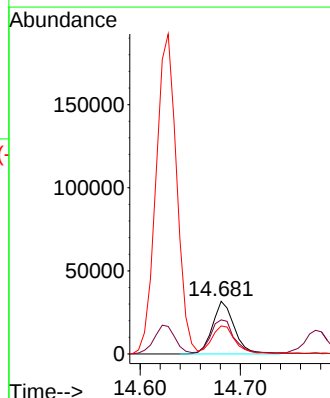
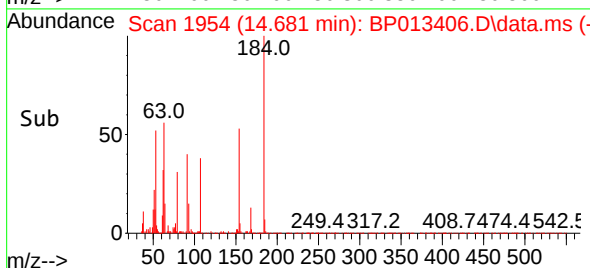
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

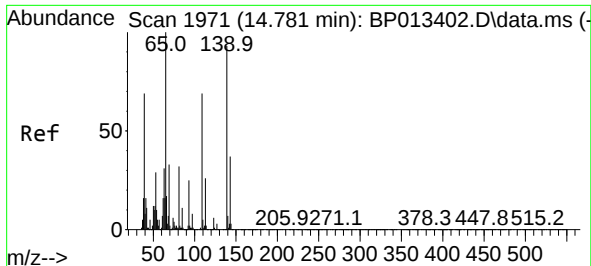


#53
2,4-Dinitrophenol
Concen: 4.203 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



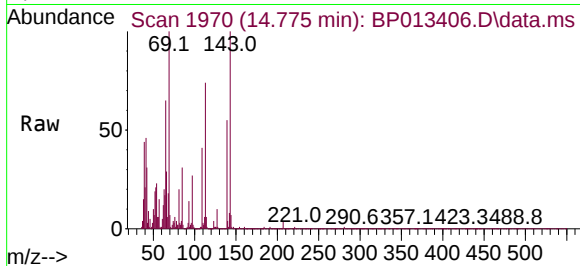
Tgt Ion:184 Resp: 47767
Ion Ratio Lower Upper
184 100
63 64.8 54.3 81.5
154 53.3 49.1 73.7





#55
4-Nitrophenol
Concen: 3.614 ng/ul
RT: 14.775 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

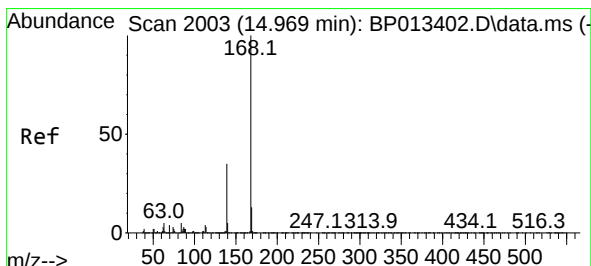
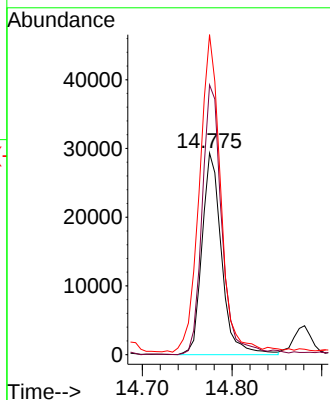
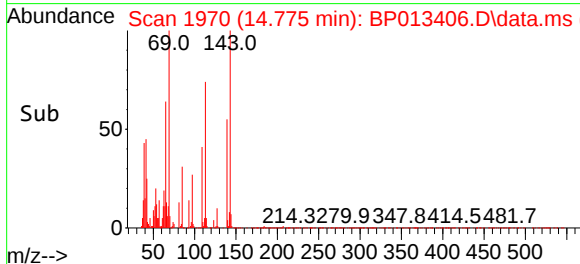
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:109 Resp: 44370
Ion Ratio Lower Upper
109 100
139 133.8 109.2 163.8
65 158.7 116.6 174.8

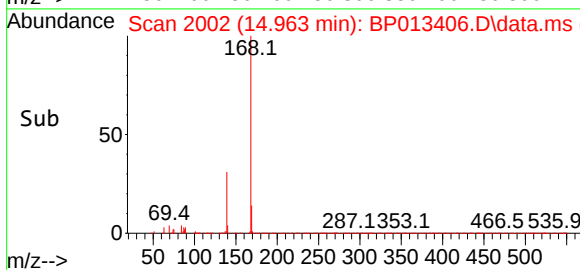
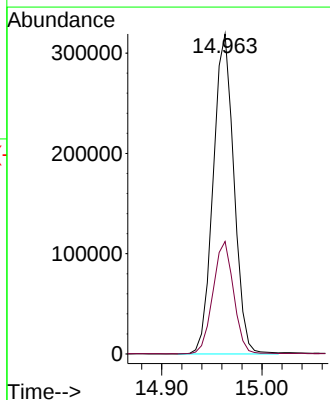
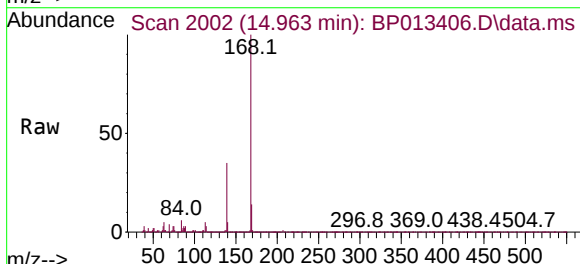
Manual Integrations
APPROVED

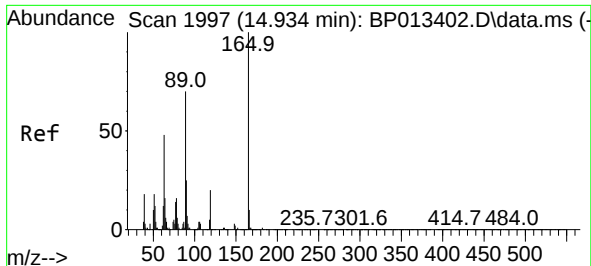
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#56
Dibenzofuran
Concen: 4.129 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:168 Resp: 456930
Ion Ratio Lower Upper
168 100
139 35.2 27.4 41.2





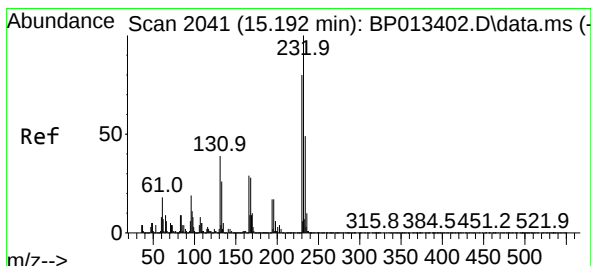
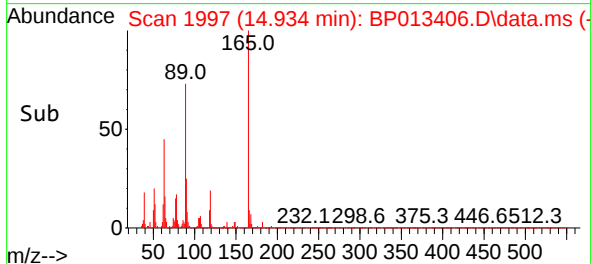
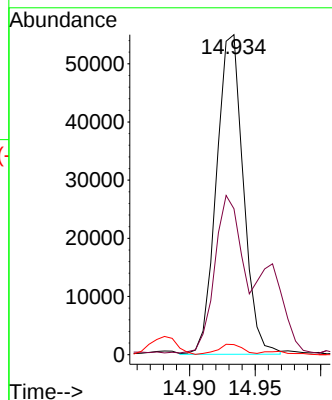
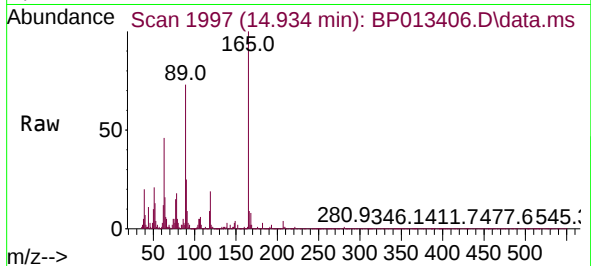
#57
2,4-Dinitrotoluene
Concen: 3.451 ng/ul
RT: 14.934 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:165 Resp: 78330
Ion Ratio Lower Upper
165 100
63 45.6 37.3 55.9
182 3.1 2.0 3.0

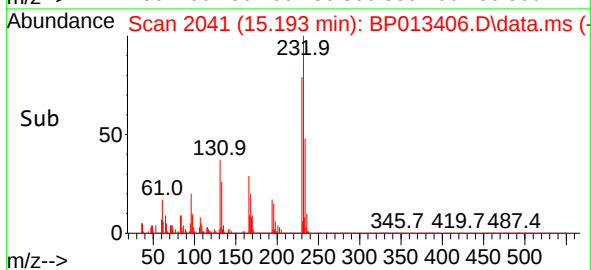
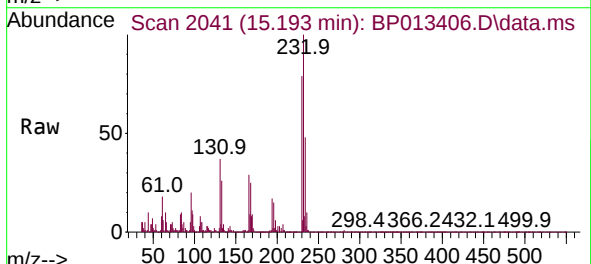
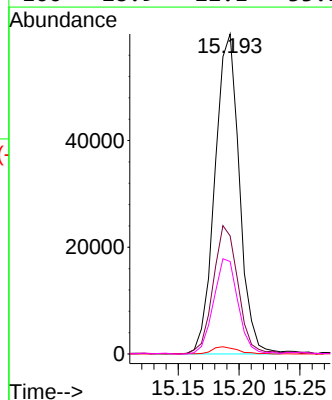
Manual Integrations
APPROVED

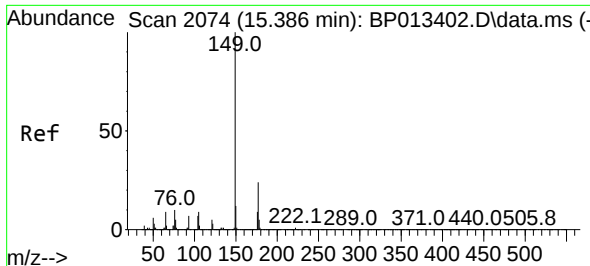
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.616 ng/ul
RT: 15.193 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

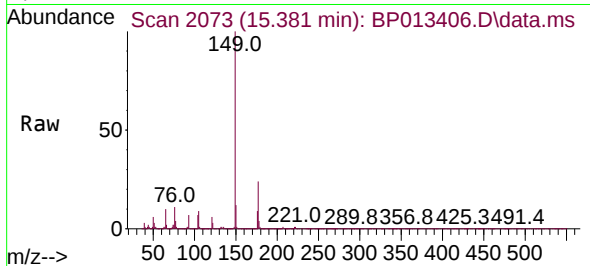
Tgt Ion:232 Resp: 83869
Ion Ratio Lower Upper
232 100
131 36.9 30.7 46.1
130 1.8 1.7 2.5
166 28.9 22.1 33.1





#59
Diethylphthalate
Concen: 4.102 ng/ul
RT: 15.381 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

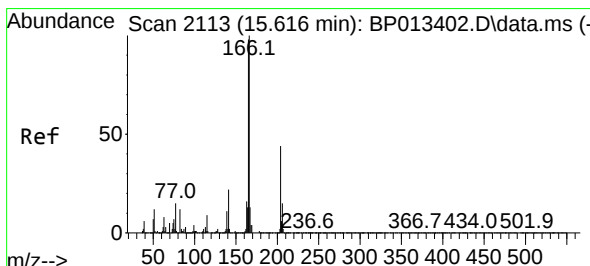
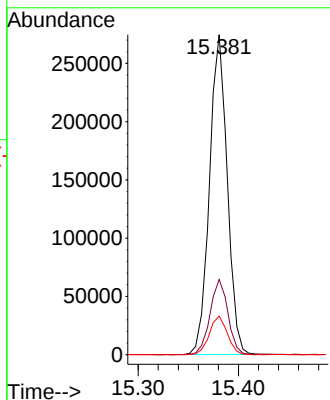
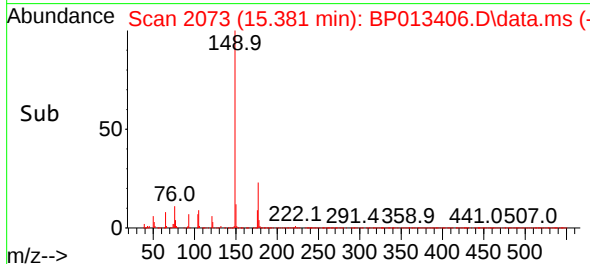
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



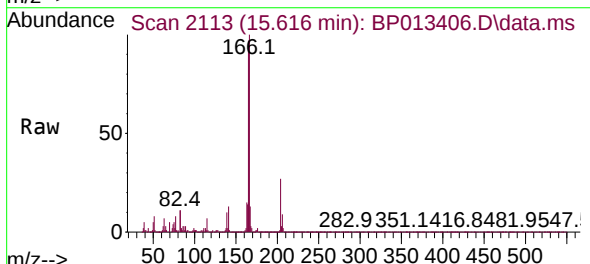
Tgt Ion:149 Resp: 338550
Ion Ratio Lower Upper
149 100
177 23.5 18.9 28.3
150 12.1 9.9 14.9

Manual Integrations
APPROVED

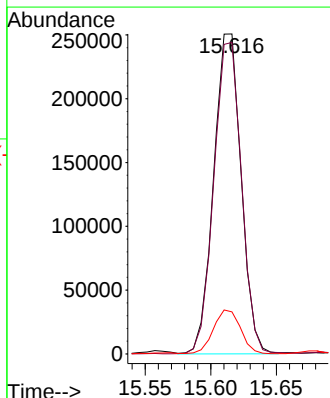
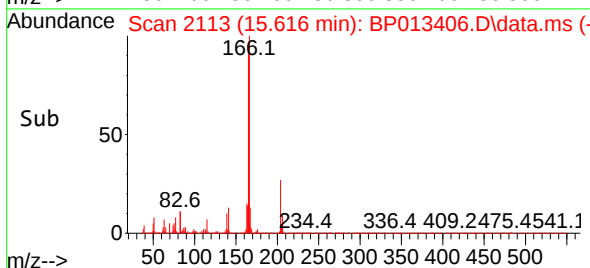
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

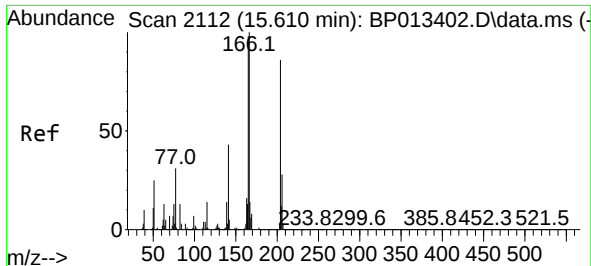


#61
Fluorene
Concen: 4.130 ng/ul
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35



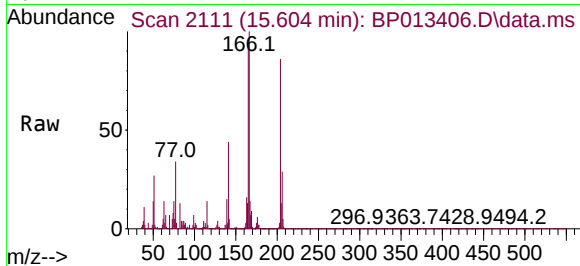
Tgt Ion:166 Resp: 364856
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.2 10.8 16.2





#62
4-Chlorophenyl-phenylether
Concen: 4.321 ng/ul
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

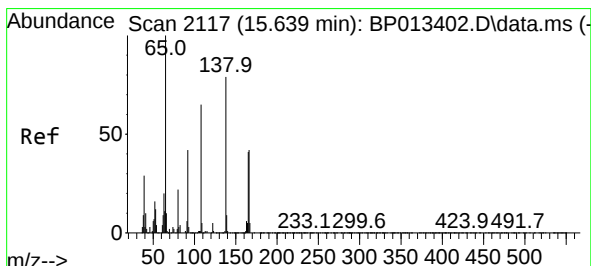
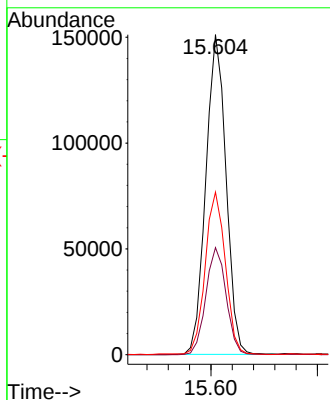
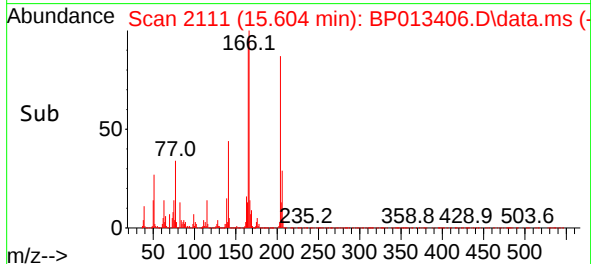
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:204 Resp: 199339
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 50.8 39.3 58.9

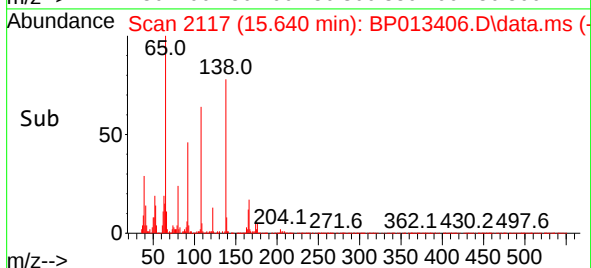
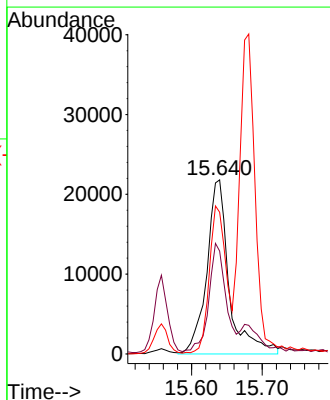
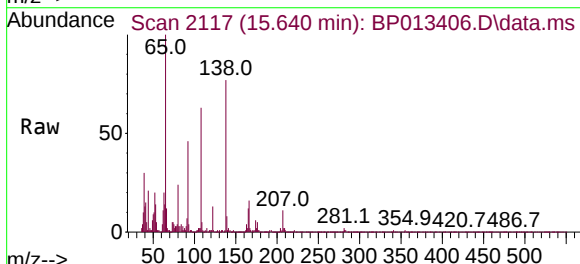
Manual Integrations
APPROVED

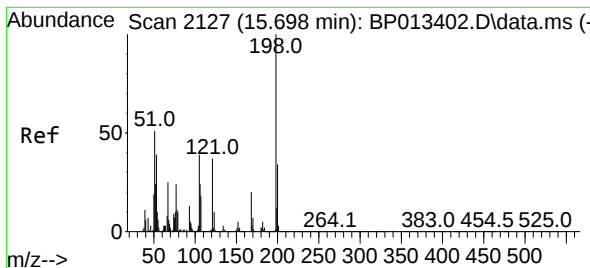
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#63
4-Nitroaniline
Concen: 3.211 ng/ul m
RT: 15.640 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:138 Resp: 48010
Ion Ratio Lower Upper
138 100
92 59.1 43.1 64.7
108 81.4 63.6 95.4





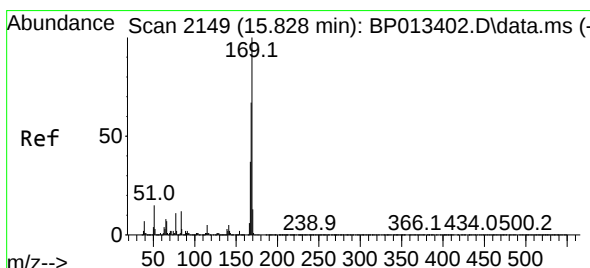
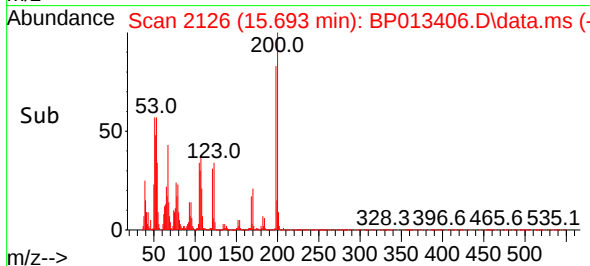
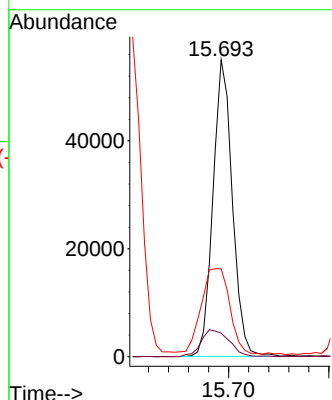
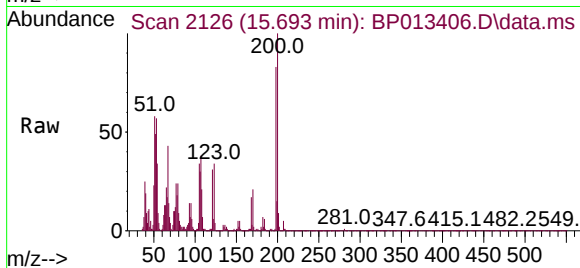
#66
4,6-Dinitro-2-methylphenol
Concen: 4.294 ng/ul
RT: 15.693 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:198 Resp: 73819
Ion Ratio Lower Upper
198 100
182 7.9 4.8 7.2
77 29.6 18.9 28.3

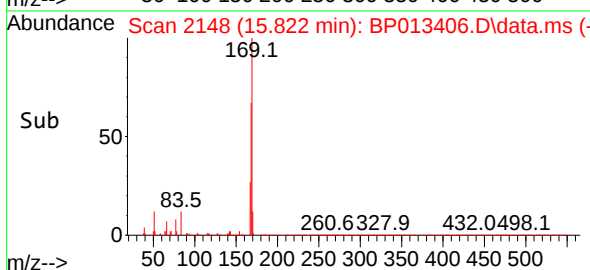
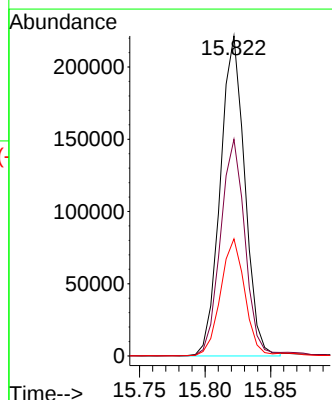
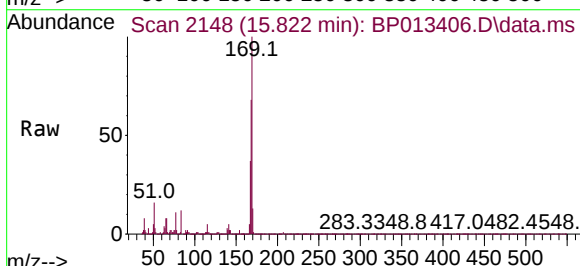
Manual Integrations
APPROVED

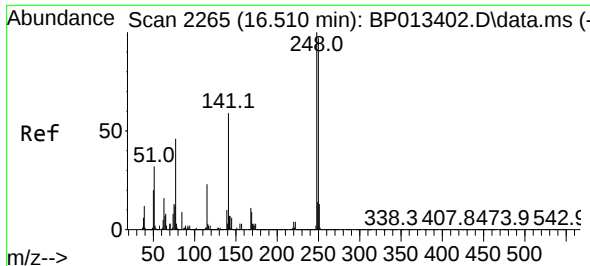
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#67
N-Nitrosodiphenylamine
Concen: 3.871 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:169 Resp: 287547
Ion Ratio Lower Upper
169 100
168 67.7 52.9 79.3
167 36.6 29.3 43.9





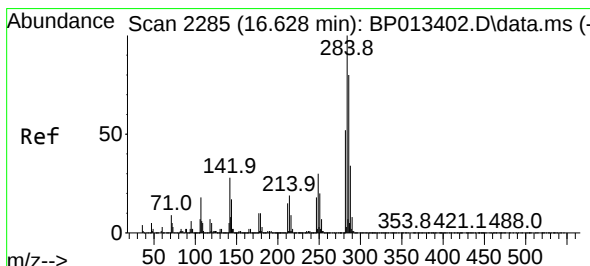
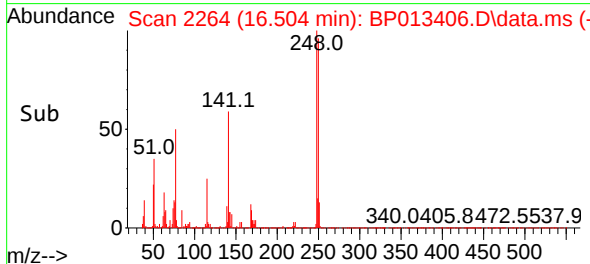
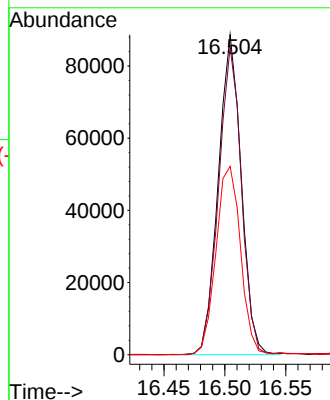
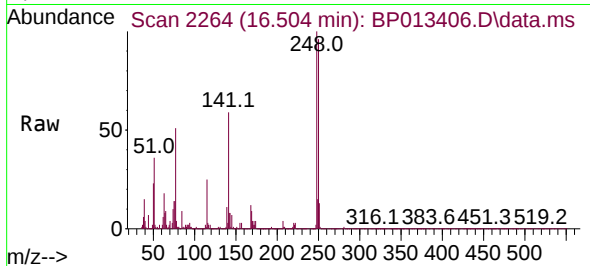
#68
4-Bromophenyl-phenylether
Concen: 4.086 ng/ul
RT: 16.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:248 Resp: 11625
Ion Ratio Lower Upper
248 100
250 96.1 78.5 117.7
141 58.9 53.0 79.4

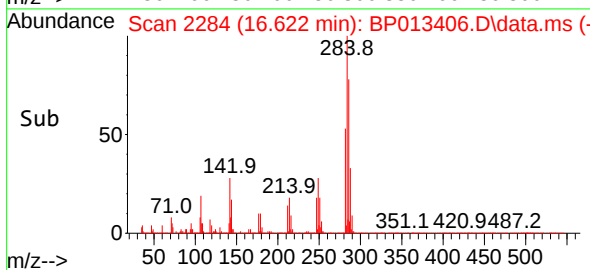
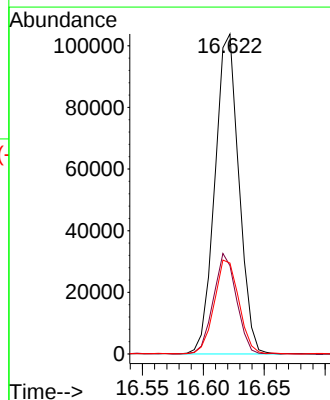
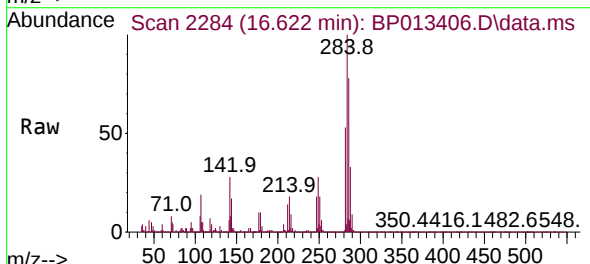
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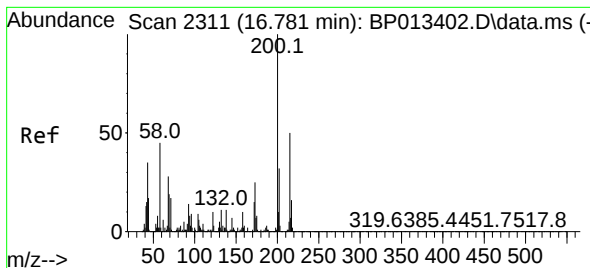
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#69
Hexachlorobenzene
Concen: 4.146 ng/ul
RT: 16.622 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:284 Resp: 142248
Ion Ratio Lower Upper
284 100
142 27.6 24.8 37.2
249 28.4 24.1 36.1





#70

Atrazine

Concen: 3.926 ng/ul

RT: 16.775 min Scan# 211

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2022-05

Tgt Ion:200 Resp: 111480

Ion Ratio Lower Upper

200 100

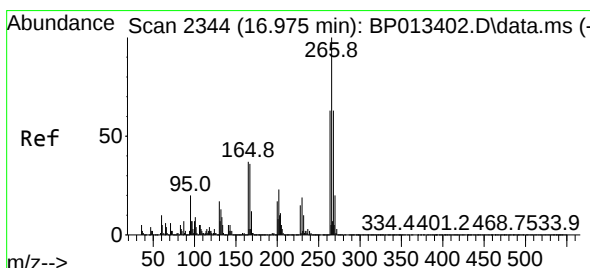
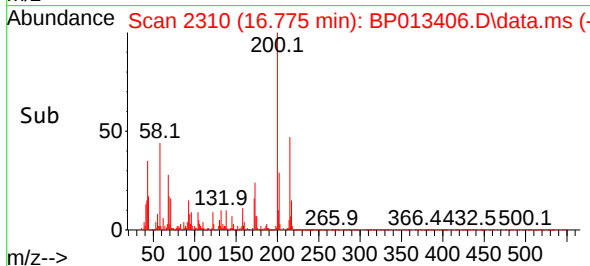
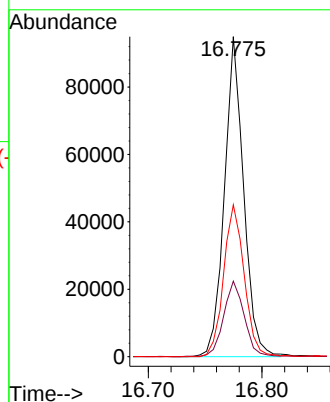
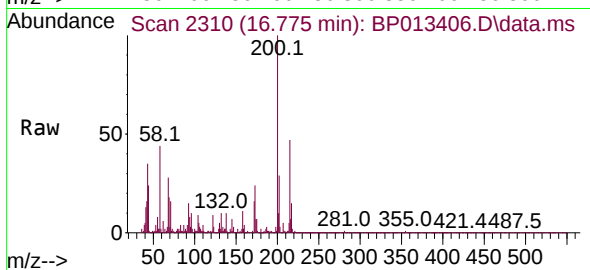
173 23.6 19.2 28.8

215 47.5 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#71

Pentachlorophenol

Concen: 3.529 ng/ul

RT: 16.969 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

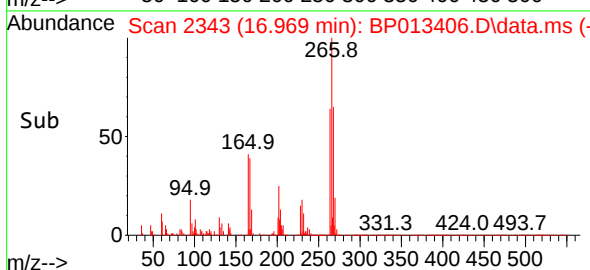
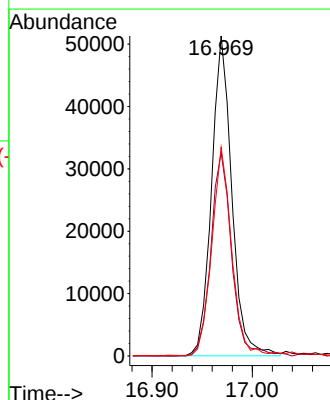
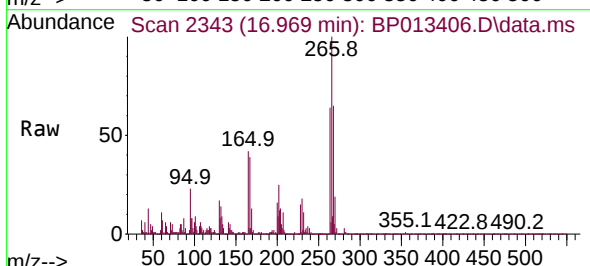
Tgt Ion:266 Resp: 72067

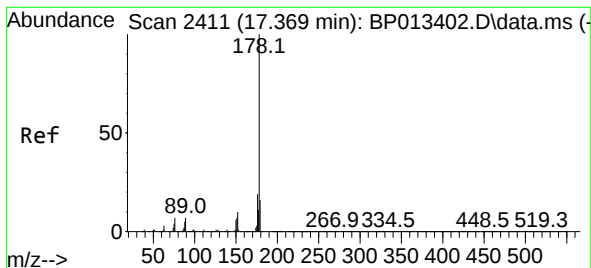
Ion Ratio Lower Upper

266 100

264 63.5 49.7 74.5

268 65.2 49.4 74.0





#72

Phenanthrene

Concen: 4.044 ng/ul

RT: 17.363 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2022-05

Tgt Ion:178 Resp: 590590

Ion Ratio Lower Upper

178 100

179 14.8 12.1 18.1

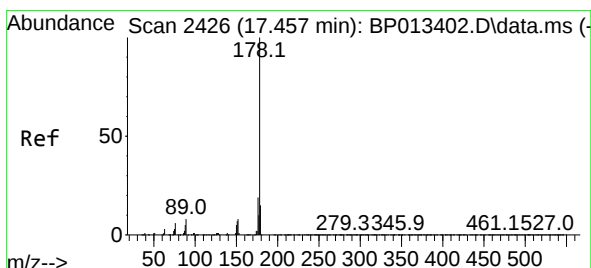
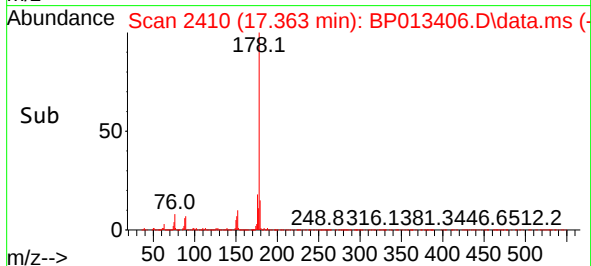
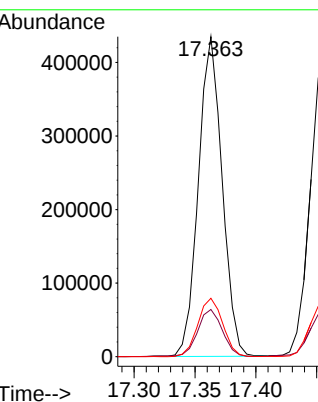
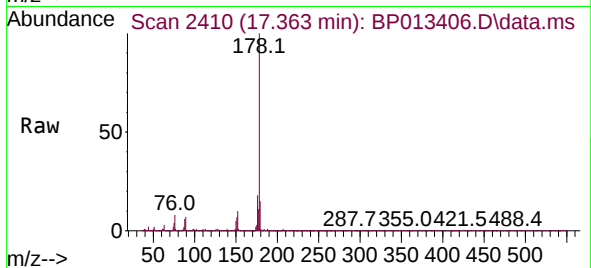
176 18.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023

Supervised By :mohammad ahmed 01/09/2023



#74

Anthracene

Concen: 3.989 ng/ul

RT: 17.457 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

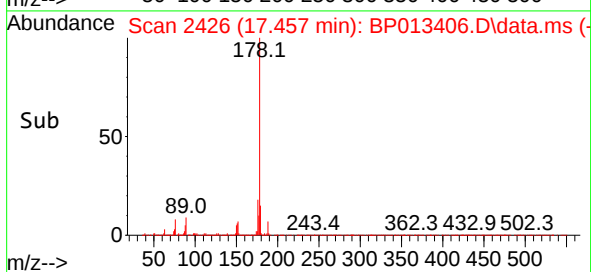
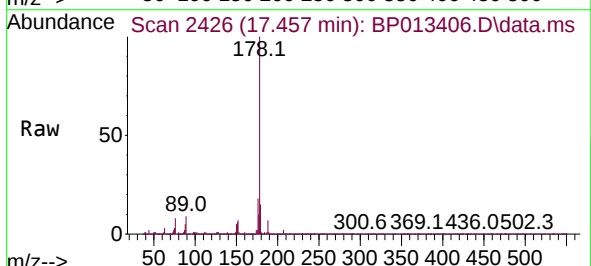
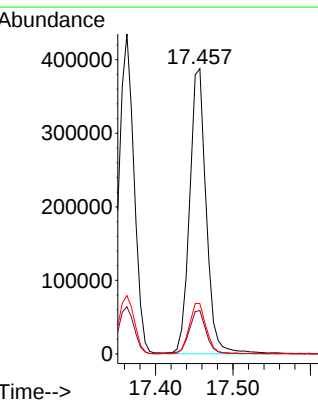
Tgt Ion:178 Resp: 575421

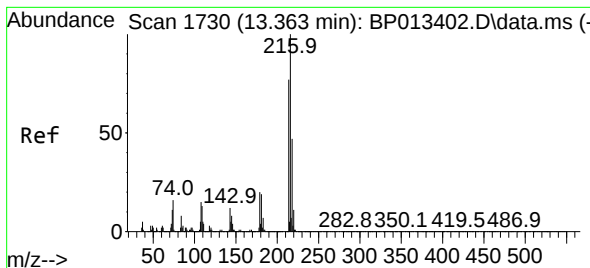
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 17.7 14.7 22.1





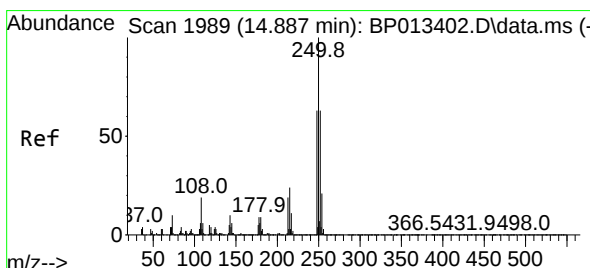
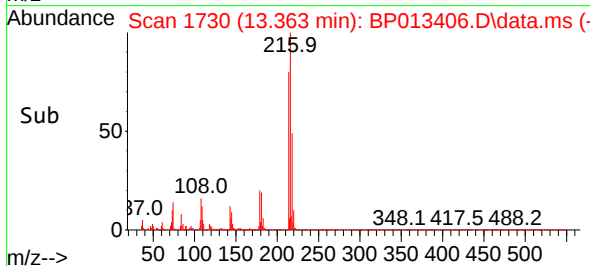
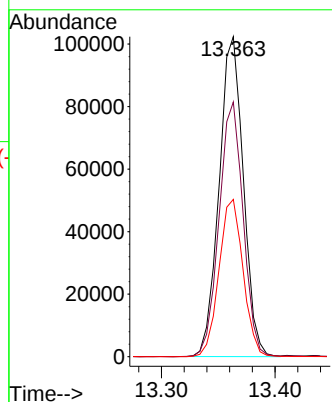
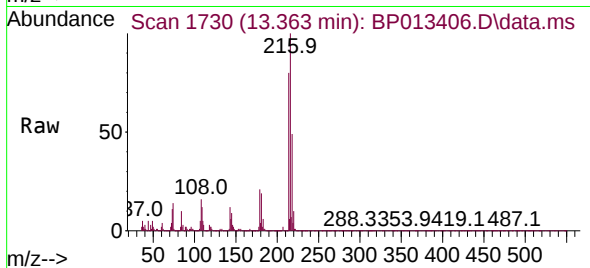
#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.657 ng/uL
RT: 13.363 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:216 Resp: 151689
Ion Ratio Lower Upper
216 100
214 79.6 61.7 92.5
218 49.2 38.1 57.1

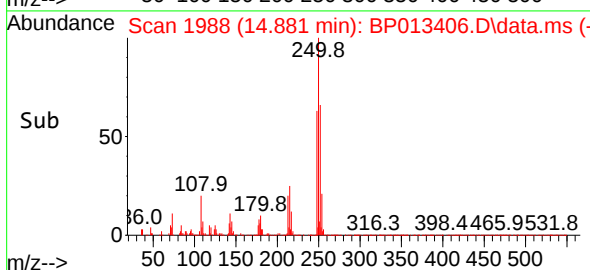
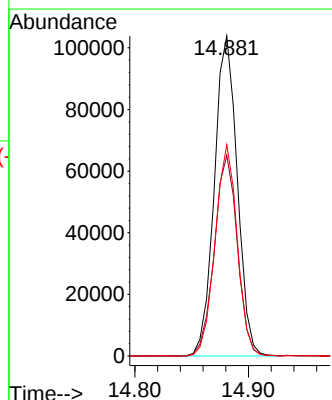
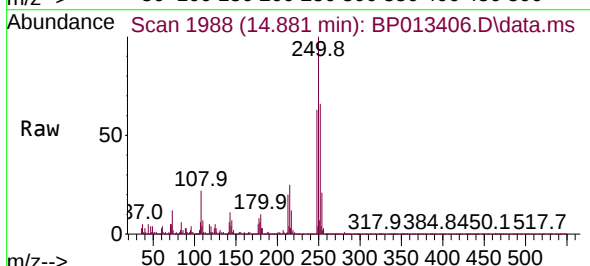
Manual Integrations
APPROVED

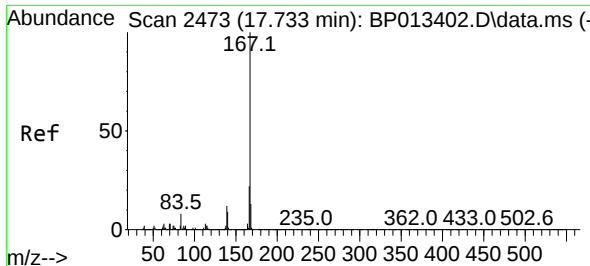
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#76
Pentachlorobenzene
Concen: 3.598 ng/uL
RT: 14.881 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

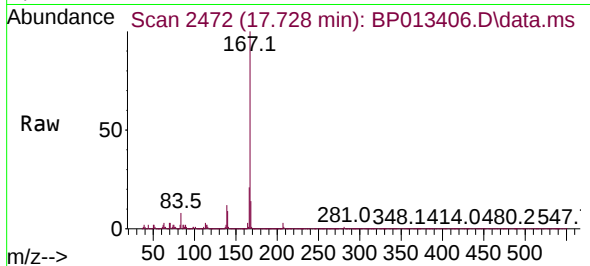
Tgt Ion:250 Resp: 145326
Ion Ratio Lower Upper
250 100
248 62.7 50.0 75.0
252 66.0 51.1 76.7





#77
 Carbazole
 Concen: 3.553 ng/ul
 RT: 17.728 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BP013406.D
 Acq: 06 Jan 2023 12:35

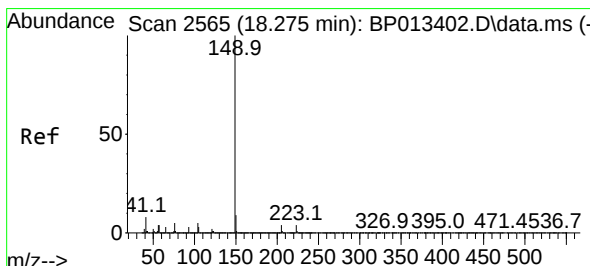
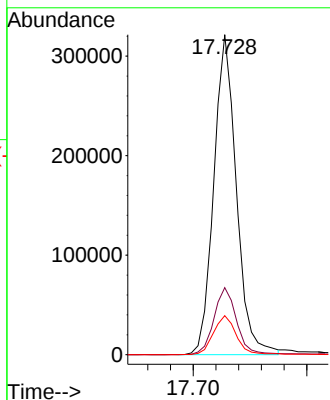
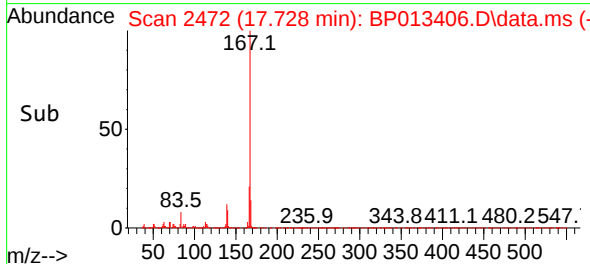
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2022-05



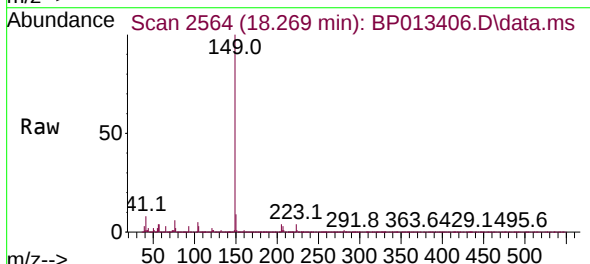
Tgt Ion:167 Resp: 443912
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 12.2 9.8 14.6

Manual Integrations
 APPROVED

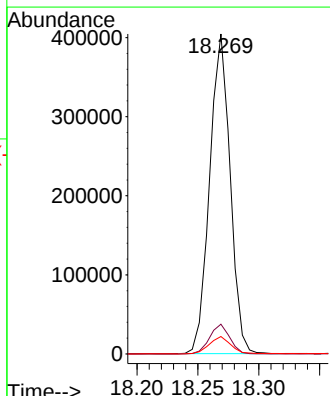
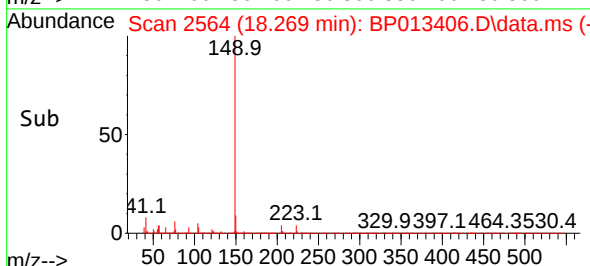
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

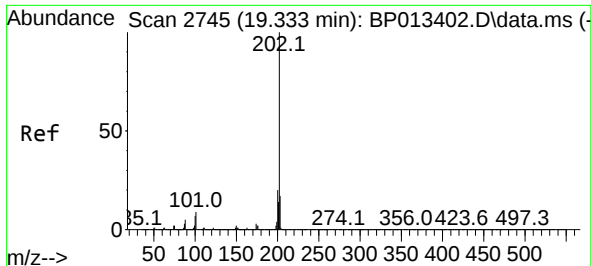


#78
 Di-n-butylphthalate
 Concen: 3.864 ng/ul
 RT: 18.269 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BP013406.D
 Acq: 06 Jan 2023 12:35



Tgt Ion:149 Resp: 473464
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.4 4.3 6.5





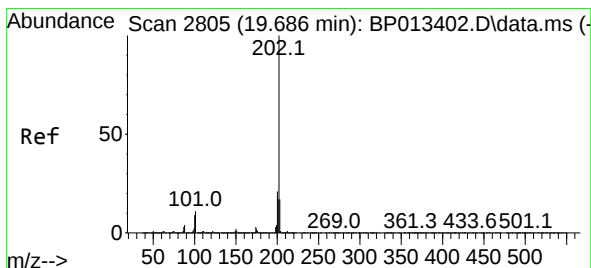
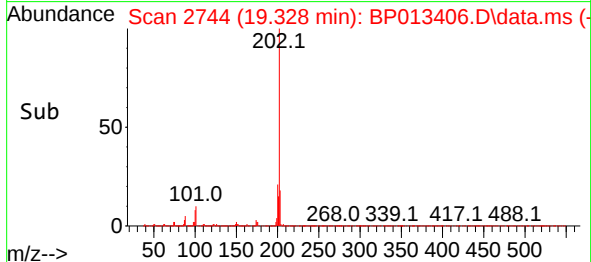
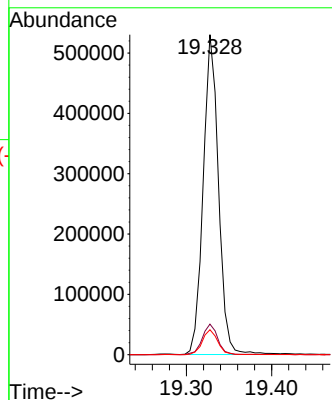
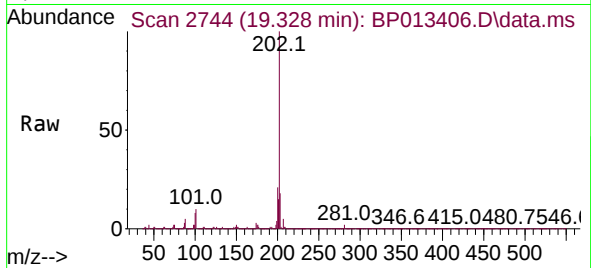
#80
Fluoranthene
Concen: 3.799 ng/ul
RT: 19.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:202 Resp: 66069
Ion Ratio Lower Upper
202 100
101 9.6 8.3 12.5
100 7.8 6.8 10.2

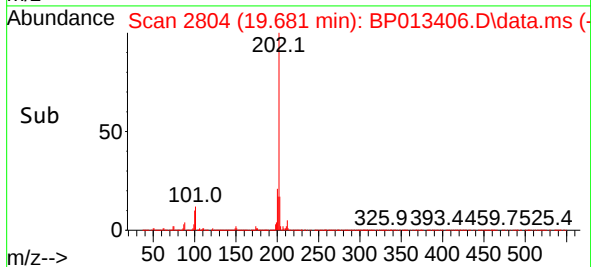
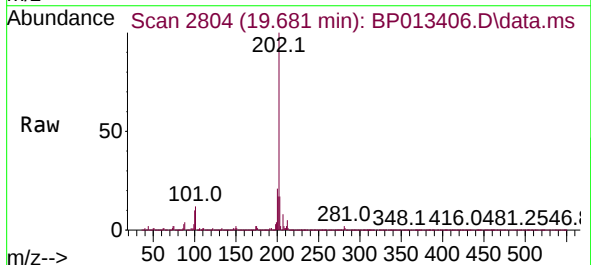
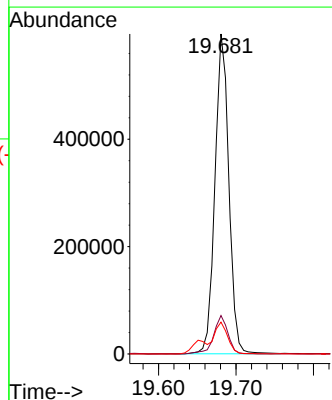
Manual Integrations
APPROVED

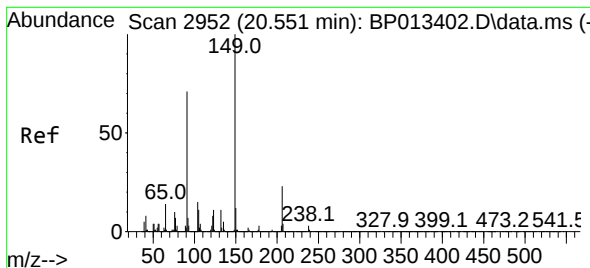
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#82
Pyrene
Concen: 4.031 ng/ul
RT: 19.681 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:202 Resp: 742725
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 10.0 7.4 11.2





#83

Butylbenzylphthalate

Concen: 3.508 ng/ul

RT: 20.545 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

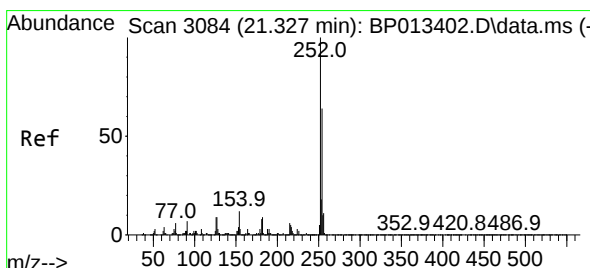
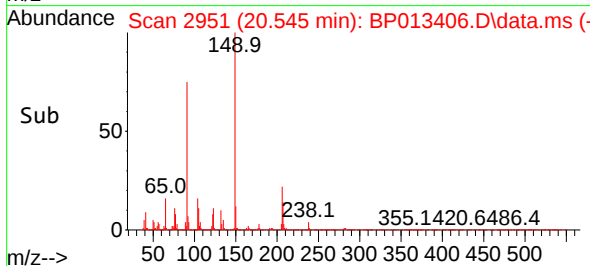
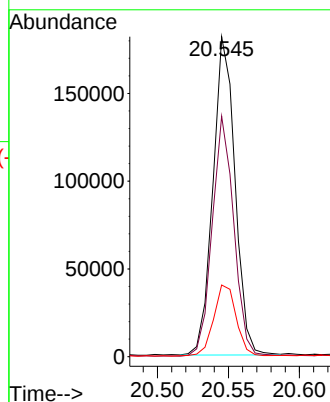
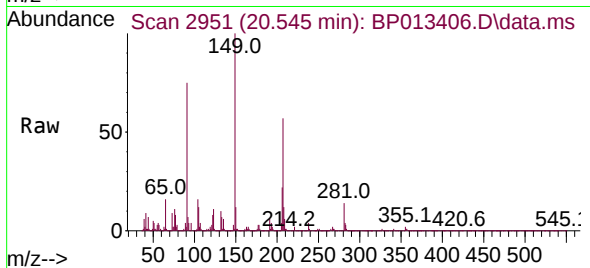
MDL-SOIL-QT3-2022-05

Tgt Ion:	149	Resp:	19612
Ion Ratio	Lower	Upper	
149	100		
91	75.1	55.8	83.6
206	22.4	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.130 ng/ul

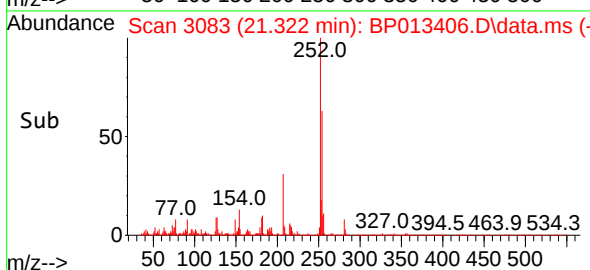
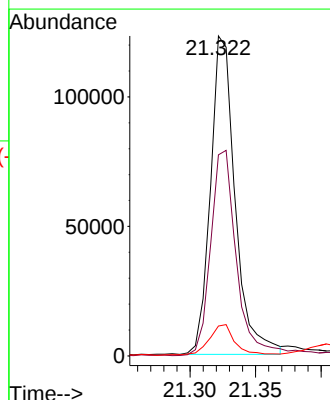
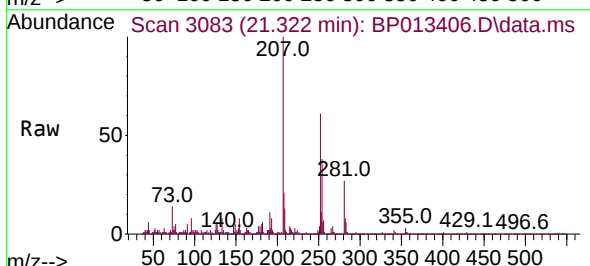
RT: 21.322 min Scan# 3083

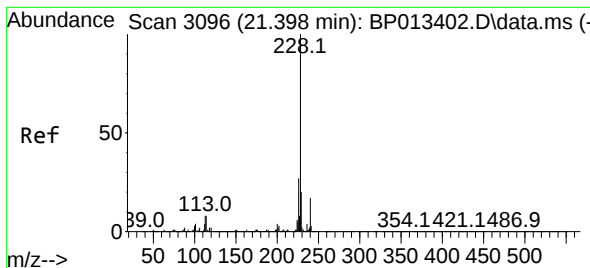
Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Tgt Ion:	252	Resp:	161091
Ion Ratio	Lower	Upper	
252	100		
254	62.8	51.0	76.4
126	9.4	7.0	10.4





#85

Benzo(a)anthracene

Concen: 3.909 ng/ul

RT: 21.392 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

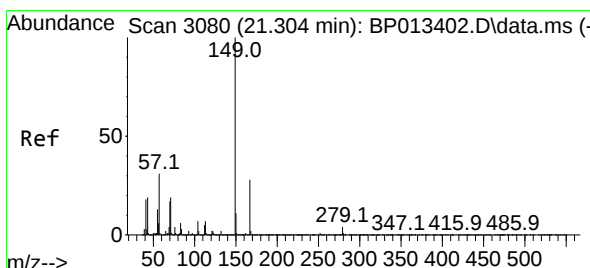
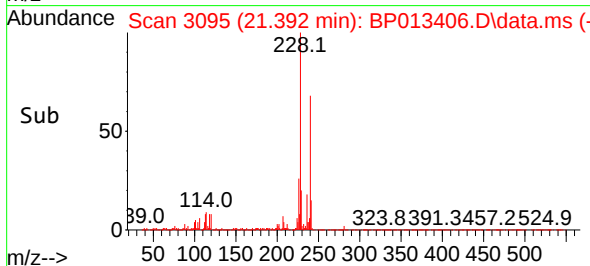
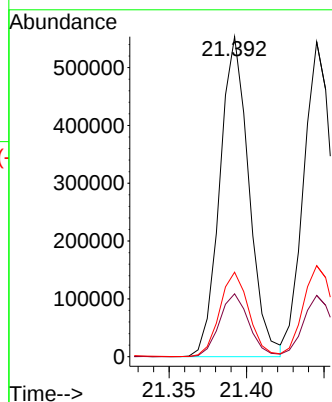
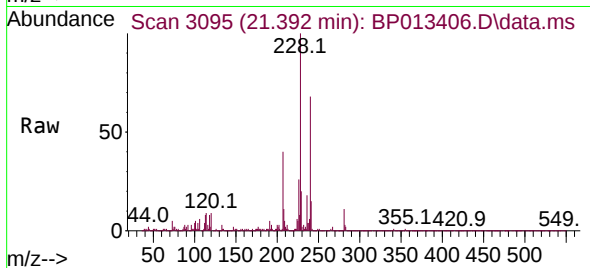
MDL-SOIL-QT3-2022-05

Tgt Ion:	228	Resp:	722994
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.9	23.9
226	26.4	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.679 ng/ul

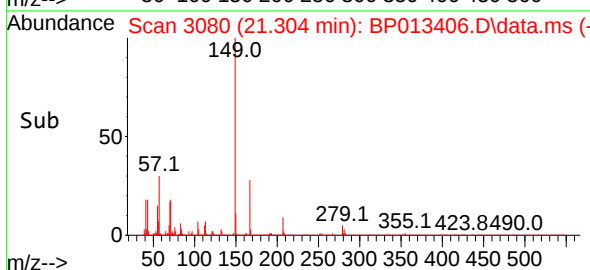
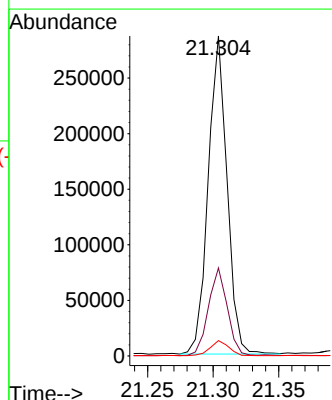
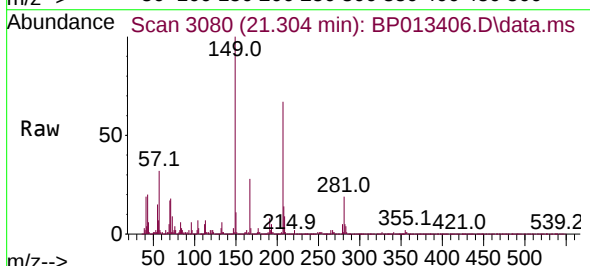
RT: 21.304 min Scan# 3080

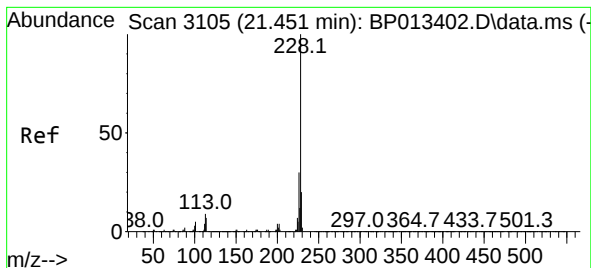
Delta R.T. 0.000 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Tgt Ion:	149	Resp:	286535
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.2	33.4
279	4.8	3.5	5.3





#87

Chrysene

Concen: 3.945 ng/ul

RT: 21.445 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

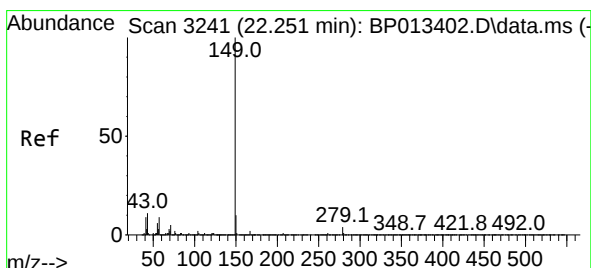
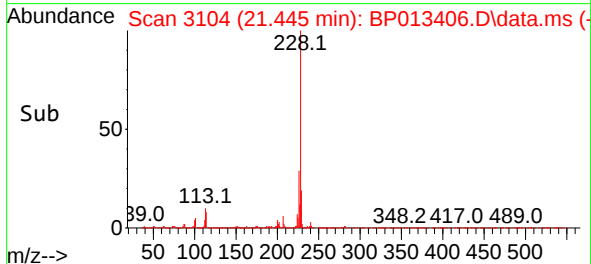
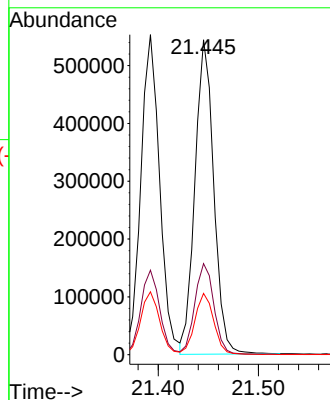
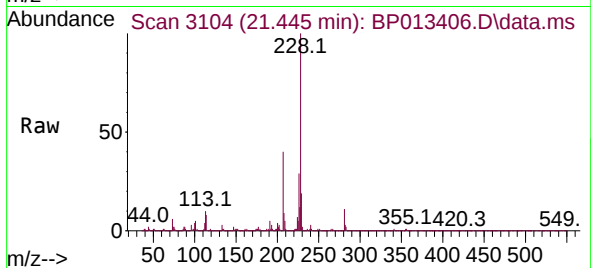
MDL-SOIL-QT3-2022-05

Tgt Ion:228 Resp: 711145
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.2 36.2
 229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023



#89

Di-n-octyl phthalate

Concen: 3.728 ng/ul

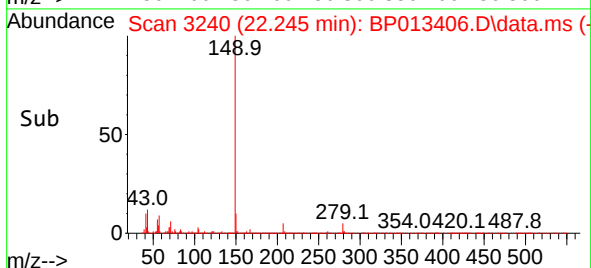
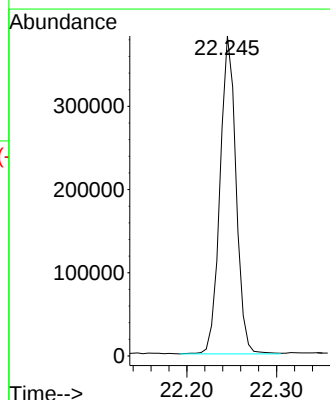
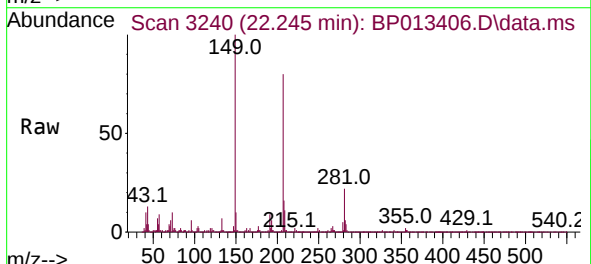
RT: 22.245 min Scan# 3240

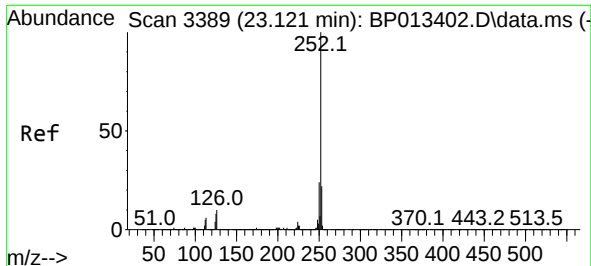
Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

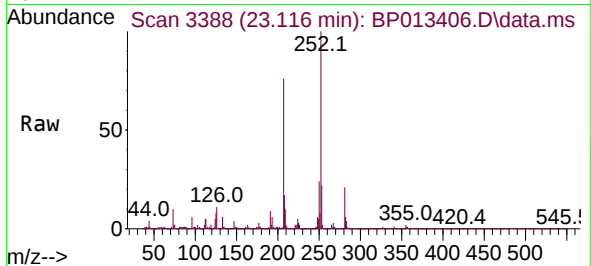
Tgt Ion:149 Resp: 474191





#90
Benzo(b)fluoranthene
Concen: 4.020 ng/ul
RT: 23.116 min Scan# 3388
Delta R.T. 0.000 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

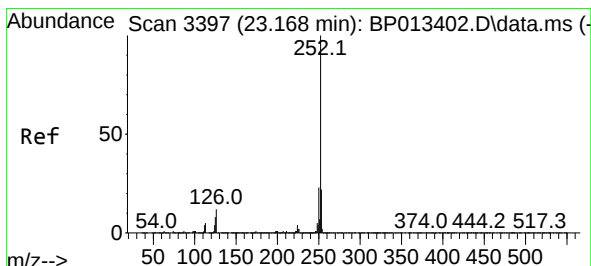
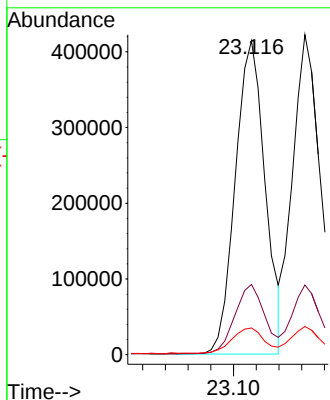
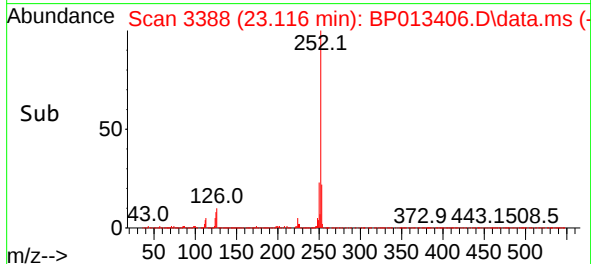
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:252 Resp: 754438
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.5 7.1 10.7

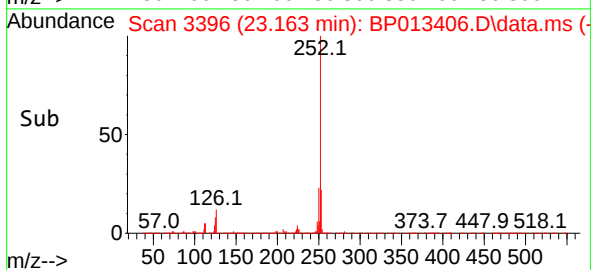
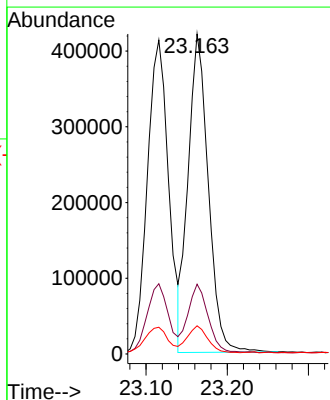
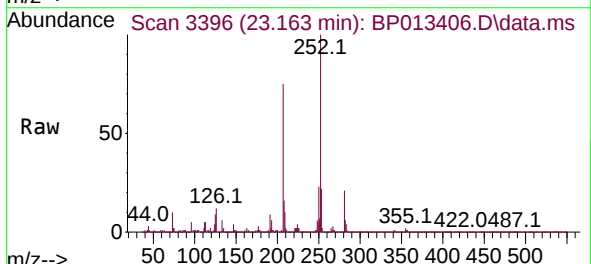
Manual Integrations
APPROVED

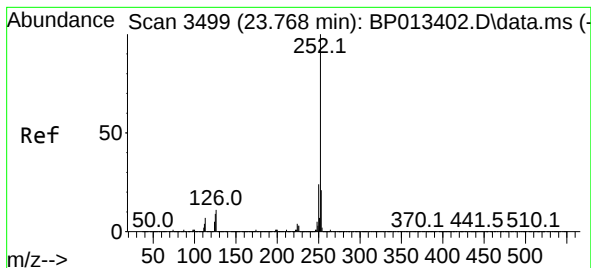
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#91
Benzo(k)fluoranthene
Concen: 4.062 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BP013406.D
Acq: 06 Jan 2023 12:35

Tgt Ion:252 Resp: 727406
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.8 6.9 10.3





#93

Benzo(a)pyrene

Concen: 4.174 ng/ul

RT: 23.757 min Scan# 3499

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

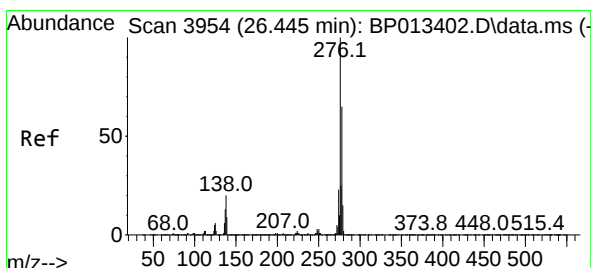
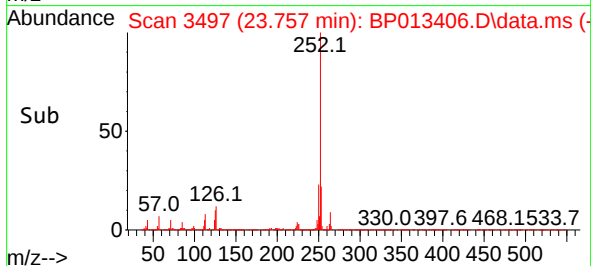
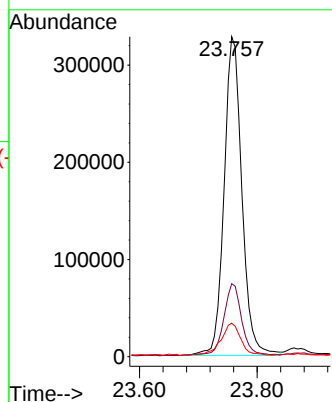
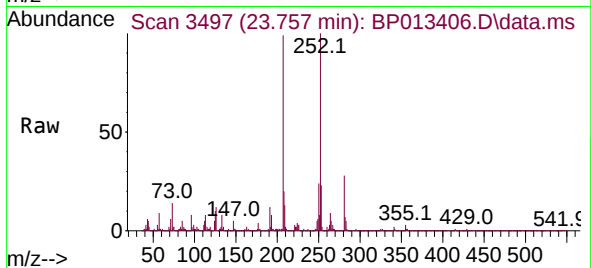
MDL-SOIL-QT3-2022-05

Tgt Ion:	252	Resp:	687804
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	10.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.823 ng/ul

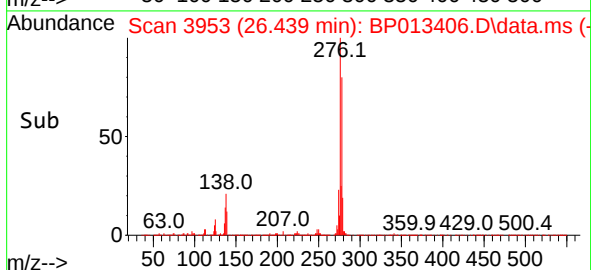
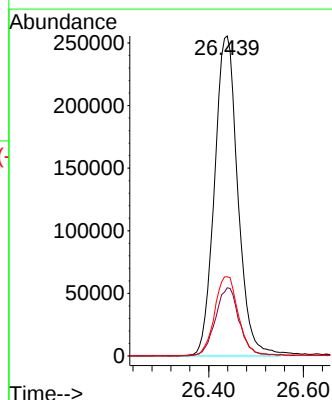
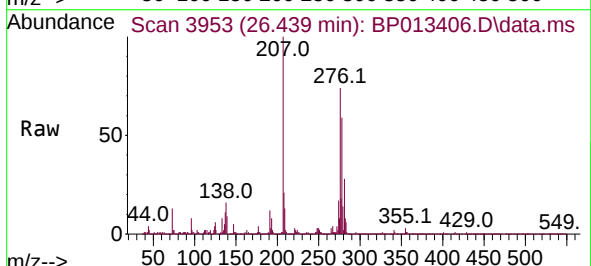
RT: 26.439 min Scan# 3953

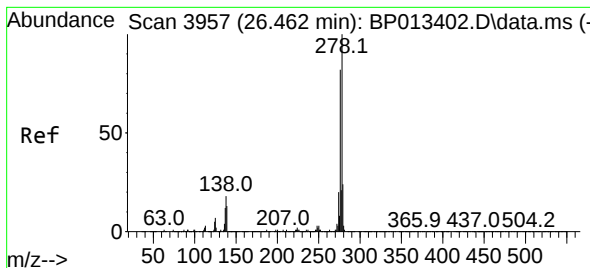
Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Tgt Ion:	276	Resp:	872789
Ion Ratio	Lower	Upper	
276	100		
138	21.3	17.3	25.9
277	24.8	20.1	30.1





#95

Dibenzo(a,h)anthracene

Concen: 3.897 ng/ul

RT: 26.451 min Scan# 3955

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Instrument :

BNA_P

ClientSampleId :

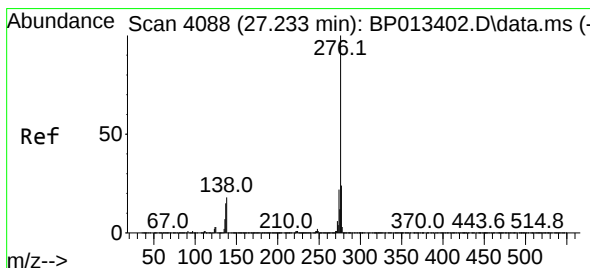
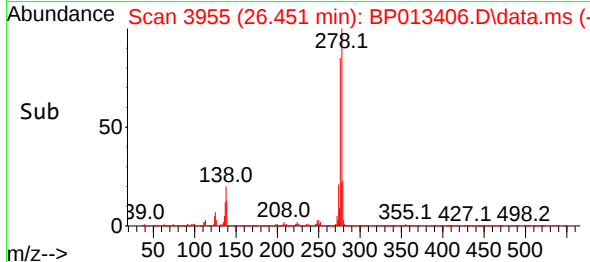
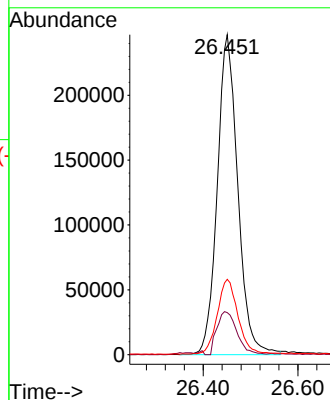
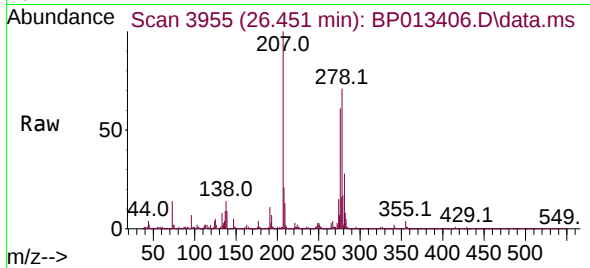
MDL-SOIL-QT3-2022-05

Tgt Ion:	278	Resp:	74226
Ion Ratio	Lower	Upper	
278	100		
139	13.1	11.3	16.9
279	23.5	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#96

Benzo(g,h,i)perylene

Concen: 3.800 ng/ul

RT: 27.227 min Scan# 4087

Delta R.T. -0.006 min

Lab File: BP013406.D

Acq: 06 Jan 2023 12:35

Tgt Ion:	276	Resp:	713505
Ion Ratio	Lower	Upper	
276	100		
138	17.1	14.5	21.7
277	24.6	18.8	28.2

