

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020410.D
 Acq On : 16 May 2024 13:43
 Operator : MA/JU
 Sample : P2409-05
 Misc : SFAM-MDL-ME SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

Quant Time: May 16 14:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	78761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	339277	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	260807	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	598511	20.000	ng/u1	-0.02
79) Chrysene-d12	21.598	240	597397	20.000	ng/u1	-0.03
88) Perylene-d12	24.951	264	643612	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	8543	4.581	ng/uL	0.00
4) Pyridine-d5	3.593	84	108065	19.943	ng/u1	0.00
7) Phenol-d5	6.787	99	139641	20.645	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	83354	20.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	107156	22.161	ng/u1	0.00
15) 4-Methylphenol-d8	8.304	113	111836	20.451	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	54563	21.476	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	64696	22.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	116089	21.866	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	135730	18.266	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	439532	23.078	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	464690	22.087	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	64077m	21.890	ng/u1	0.00
60) Fluorene-d10	15.281	176	385894	24.292	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	69475	18.293	ng/u1	-0.01
73) Anthracene-d10	17.210	188	565109	21.826	ng/u1	-0.02
81) Pyrene-d10	19.616	212	737091	21.107	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.709	264	716357	23.020	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	2660	1.257	ng/uL#	72
5) Pyridine	3.611	79	22106	4.033	ng/u1#	39
6) Benzaldehyde	6.787	77	18020	5.300	ng/u1	96
8) Phenol	6.816	94	28395	4.067	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.046	93	24303	4.449	ng/u1	96
12) 2-Chlorophenol	7.169	128	23568	4.668	ng/u1	90
13) 2-Methylphenol	8.052	108	20595	3.955	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.116	45	30842	4.526	ng/u1#	93
16) Acetophenone	8.428	105	41711	4.596	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.399	70	21903	4.447	ng/u1	99
18) 4-Methylphenol	8.375	108	23494	4.151	ng/u1	95
19) Hexachloroethane	8.634	117	11042	4.783	ng/u1	95
22) Nitrobenzene	8.799	77	32116	4.403	ng/u1	99
23) Isophorone	9.310	82	62107	4.429	ng/u1	99
25) 2-Nitrophenol	9.504	139	13318	4.419	ng/u1	93
26) 2,4-Dimethylphenol	9.563	107	23598	3.589	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.804	93	32334	4.159	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	23647	4.579	ng/u1	96
30) Naphthalene	10.410	128	84047	4.806	ng/u1	98
32) 4-Chloroaniline	10.557	127	31237	4.299	ng/u1	89
33) Hexachlorobutadiene	10.669	225	19489	4.859	ng/u1	93
34) Caprolactam	11.387	113	8125m	4.506	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	25004	3.889	ng/u1	100
36) 2-Methylnaphthalene	12.045	142	59018	4.850	ng/u1	96

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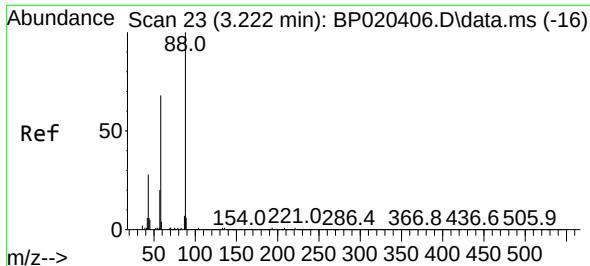
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

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 Quant Title : SVOA CALIBRATION
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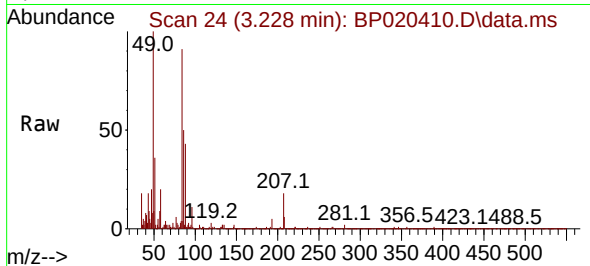
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	62225	5.082	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	37129	4.565	ng/ul	94
40) Hexachlorocyclopentadiene	12.363	237	23978	5.420	ng/ul	91
41) 2,4,6-Trichlorophenol	12.687	196	21316m	4.179	ng/ul	
42) 2,4,5-Trichlorophenol	12.781	196	21913	3.992	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	83713	4.538	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	67804	4.632	ng/ul	96
45) 2-Nitroaniline	13.381	65	18067	3.721	ng/ul	94
47) Dimethylphthalate	13.728	163	94525	4.913	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	16980	4.440	ng/ul	96
50) Acenaphthylene	13.975	152	115711	4.890	ng/ul	97
51) 3-Nitroaniline	14.239	138	13632m	3.822	ng/ul	
52) Acenaphthene	14.328	153	76560	4.814	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	8649	3.684	ng/ul#	89
55) 4-Nitrophenol	14.575	109	14261m	4.679	ng/ul	
56) Dibenzofuran	14.681	168	109048	4.986	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	26308	4.785	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	14.928	232	24798	5.031	ng/ul#	91
59) Diethylphthalate	15.128	149	96647	5.033	ng/ul	98
61) Fluorene	15.345	166	91700	5.046	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.345	204	49270	5.110	ng/ul	97
63) 4-Nitroaniline	15.439	138	12294m	4.136	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	17406	4.395	ng/ul#	85
67) N-Nitrosodiphenylamine	15.575	169	77919	4.676	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	31683	4.887	ng/ul	98
69) Hexachlorobenzene	16.369	284	38235	5.092	ng/ul	96
70) Atrazine	16.581	200	31540	5.338	ng/ul	98
71) Pentachlorophenol	16.757	266	20344	4.483	ng/ul	96
72) Phenanthrene	17.145	178	148998	4.879	ng/ul	97
74) Anthracene	17.245	178	143749	4.628	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	37370	4.201	ng/uL	98
76) Pentachlorobenzene	14.592	250	45759	5.141	ng/uL	99
77) Carbazole	17.563	167	114978	4.297	ng/ul	99
78) Di-n-butylphthalate	18.139	149	158288	4.881	ng/ul	99
80) Fluoranthene	19.263	202	182297	4.436	ng/ul	100
82) Pyrene	19.645	202	193131	4.517	ng/ul	99
83) Butylbenzylphthalate	20.621	149	69214	4.264	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	48762	4.011	ng/ul	97
85) Benzo(a)anthracene	21.574	228	191023	4.714	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	102549	4.379	ng/ul	100
87) Chrysene	21.645	228	181440	4.831	ng/ul	98
89) Di-n-octyl phthalate	22.810	149	170527	4.137	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	177988	4.649	ng/ul	98
91) Benzo(k)fluoranthene	23.957	252	189113	4.847	ng/ul	98
93) Benzo(a)pyrene	24.792	252	165217	4.535	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	204107m	4.571	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	171012m	4.630	ng/ul	
96) Benzo(g,h,i)perylene	29.945	276	168491m	4.678	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.257 ng/uL
RT: 3.228 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

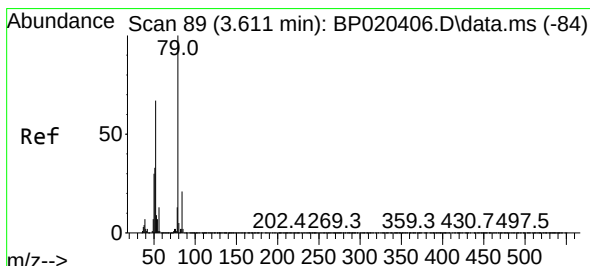
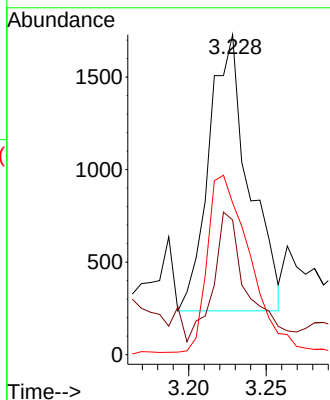
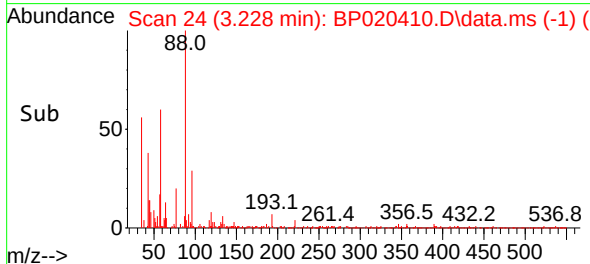
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 88 Resp: 2660
Ion Ratio Lower Upper
88 100
43 42.1 23.9 35.9
58 47.4 58.2 87.4

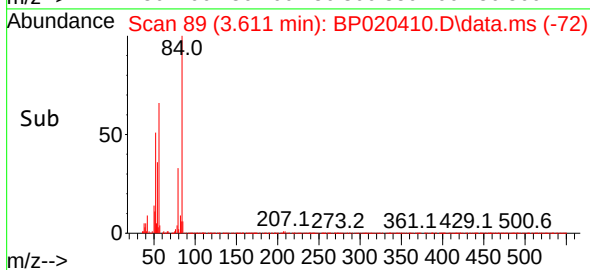
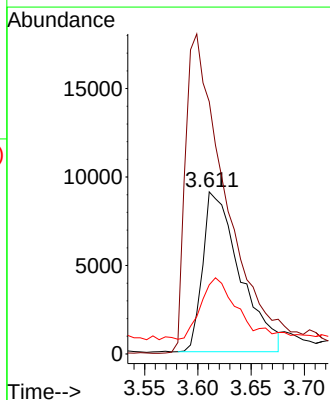
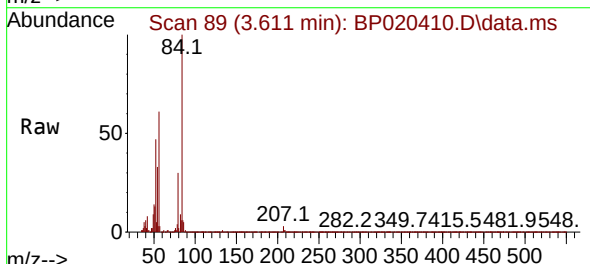
Manual Integrations
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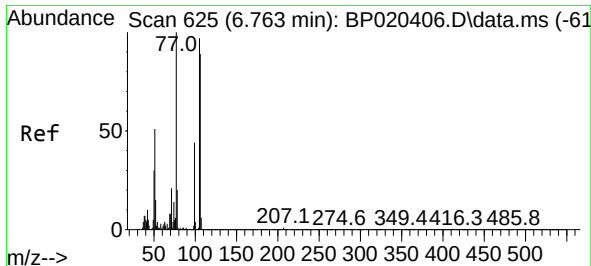
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#5
Pyridine
Concen: 4.033 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion: 79 Resp: 22106
Ion Ratio Lower Upper
79 100
52 155.6 60.7 91.1
51 42.7 33.1 49.7





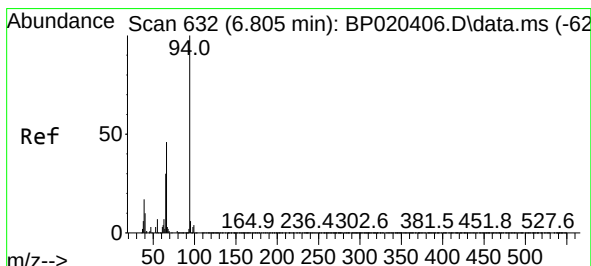
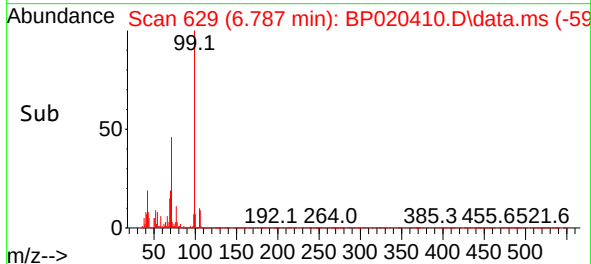
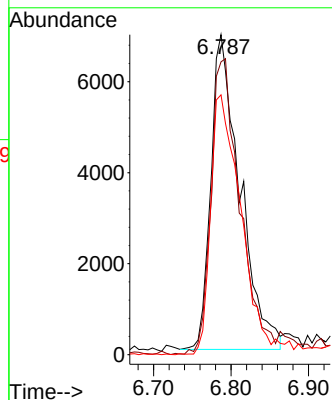
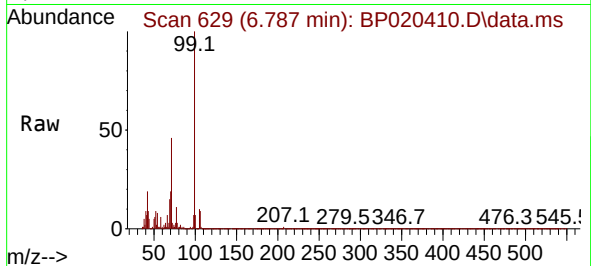
#6
Benzaldehyde
Concen: 5.300 ng/ul
RT: 6.787 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 77 Resp: 18020
Ion Ratio Lower Upper
77 100
105 91.5 75.4 113.2
106 81.2 68.2 102.2

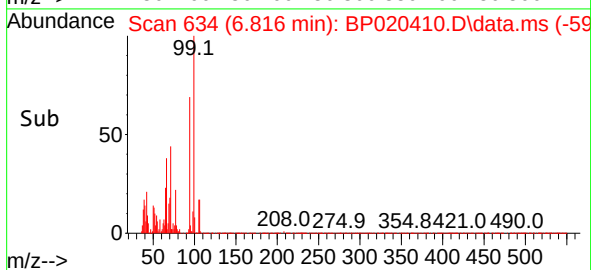
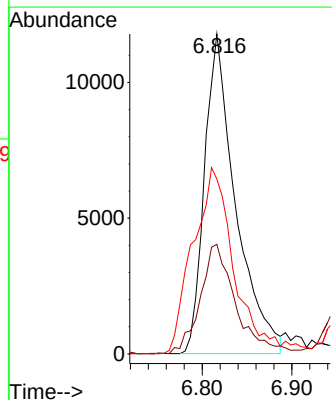
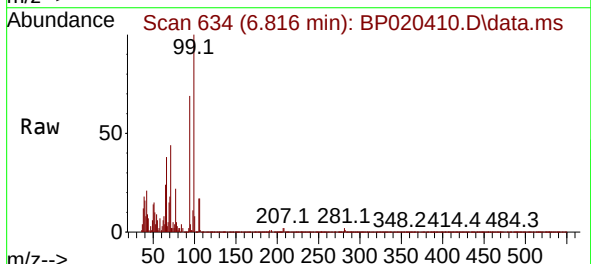
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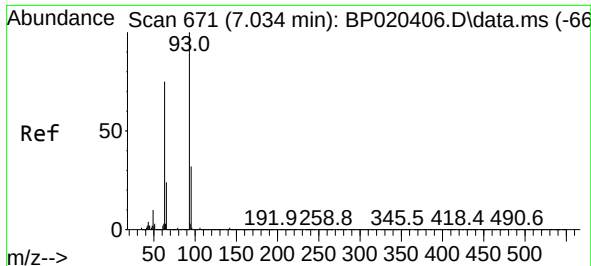
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#8
Phenol
Concen: 4.067 ng/ul
RT: 6.816 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion: 94 Resp: 28395
Ion Ratio Lower Upper
94 100
65 34.2 26.1 39.1
66 54.6 38.6 57.8





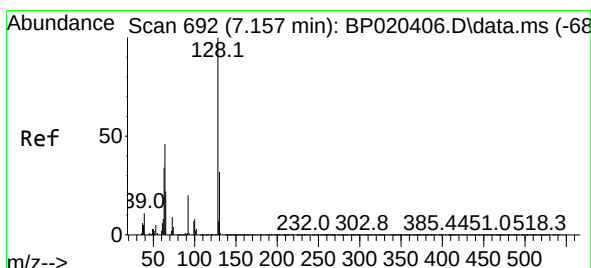
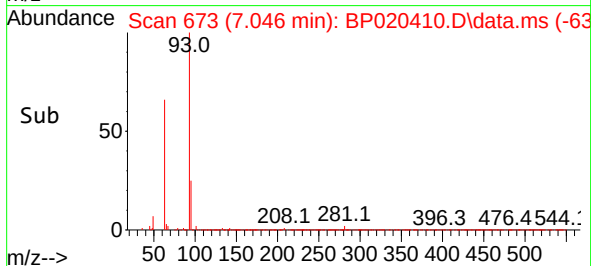
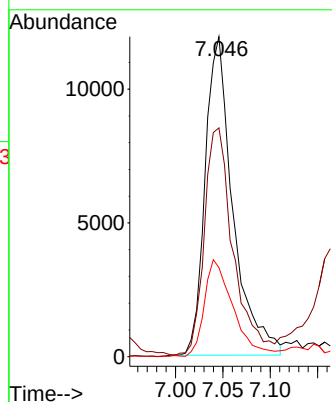
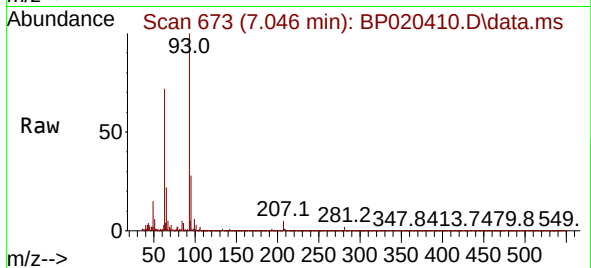
#10
Bis(2-Chloroethyl)ether
Concen: 4.449 ng/ul
RT: 7.046 min Scan# 610
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 93 Resp: 2430
Ion Ratio Lower Upper
93 100
63 71.5 59.5 89.3
95 27.8 25.3 37.9

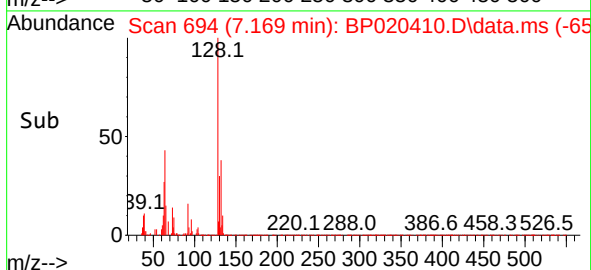
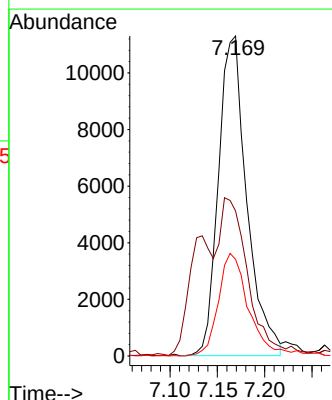
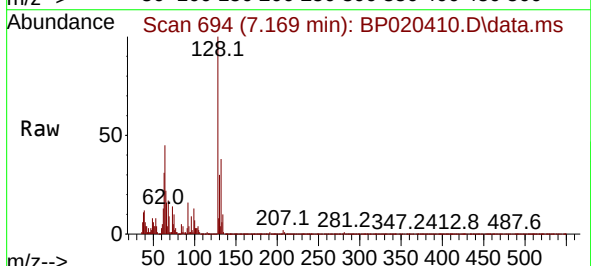
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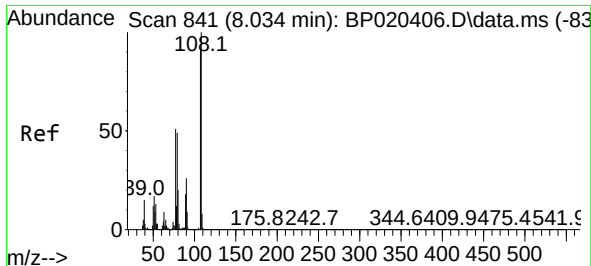
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#12
2-Chlorophenol
Concen: 4.668 ng/ul
RT: 7.169 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

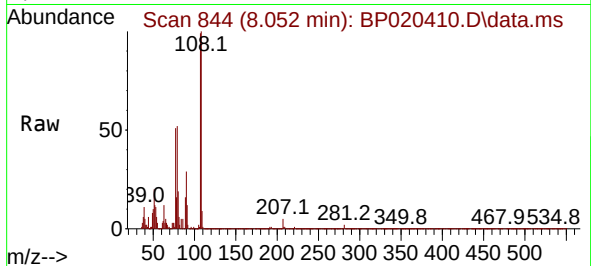
Tgt Ion:128 Resp: 23568
Ion Ratio Lower Upper
128 100
64 45.3 43.8 65.6
130 30.2 26.5 39.7





#13
2-Methylphenol
Concen: 3.955 ng/ul
RT: 8.052 min Scan# 841
Delta R.T. 0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

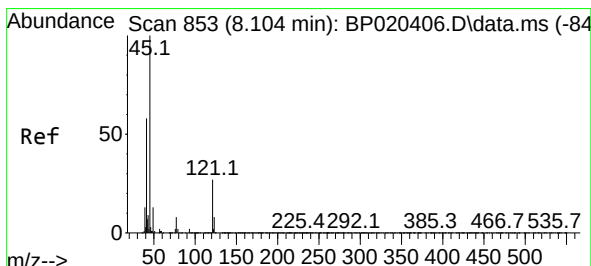
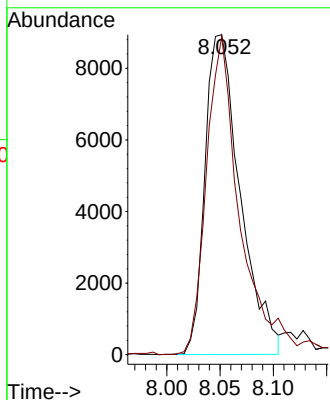
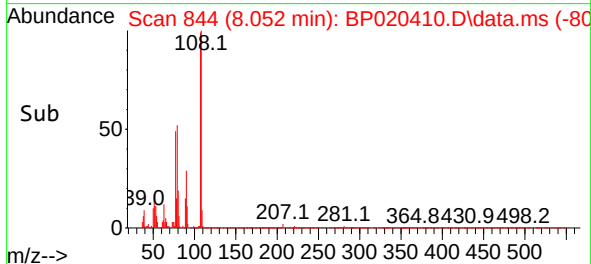
Instrument :
BNA_P
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MDL-MED-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 2059
Ion Ratio Lower Upper
108 100
107 99.5 73.0 109.6

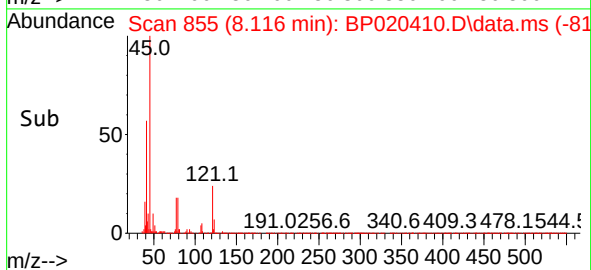
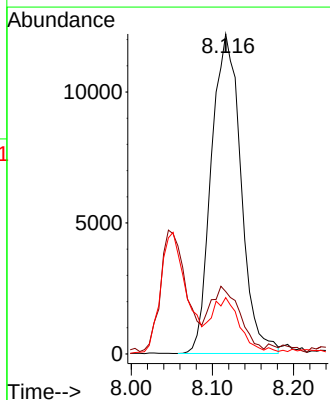
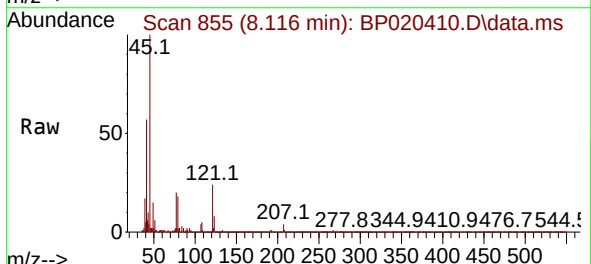
Manual Integrations
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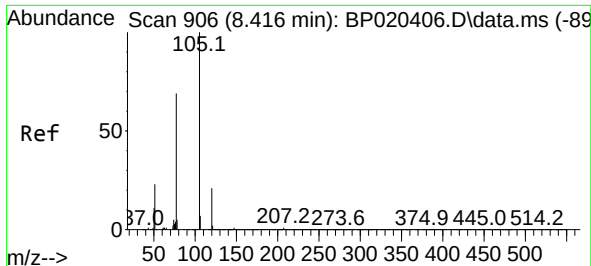
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.526 ng/ul
RT: 8.116 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

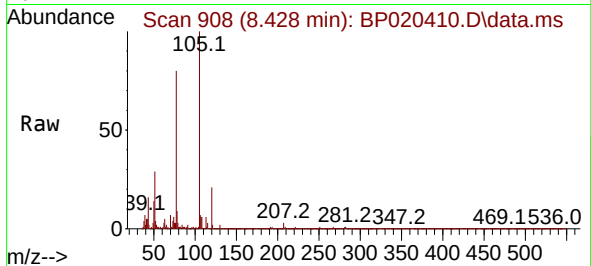
Tgt Ion: 45 Resp: 30842
Ion Ratio Lower Upper
45 100
77 19.5 13.8 20.8
79 17.6 10.9 16.3





#16
Acetophenone
Concen: 4.596 ng/ul
RT: 8.428 min Scan# 906
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

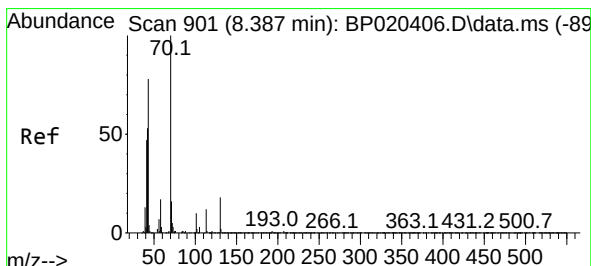
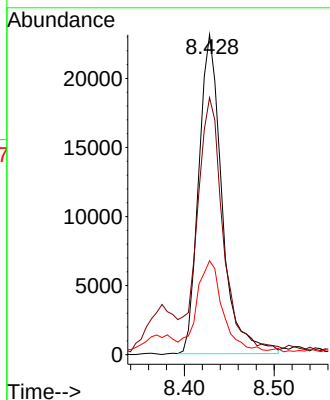
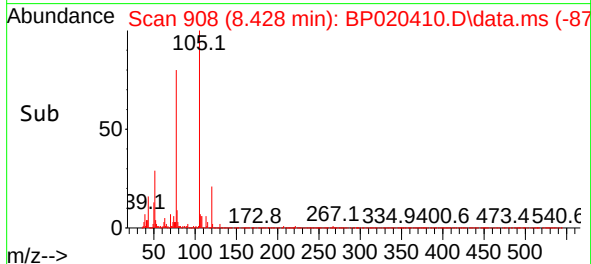
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 105 Resp: 4171
Ion Ratio Lower Upper
105 100
77 80.3 66.4 99.6
51 29.4 23.9 35.9

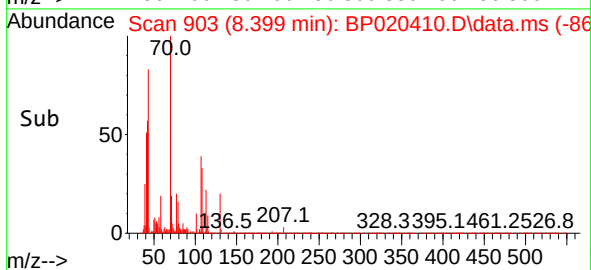
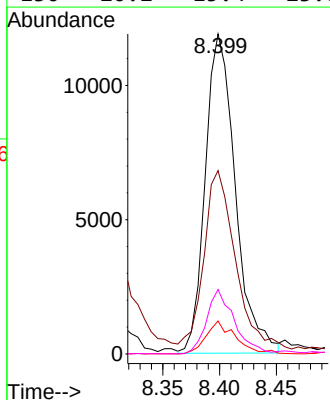
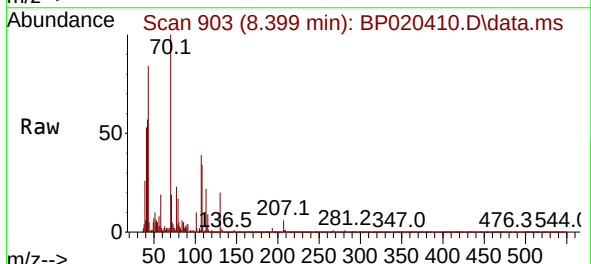
Manual Integrations
APPROVED

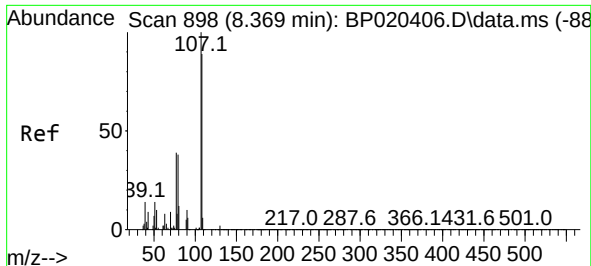
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.447 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

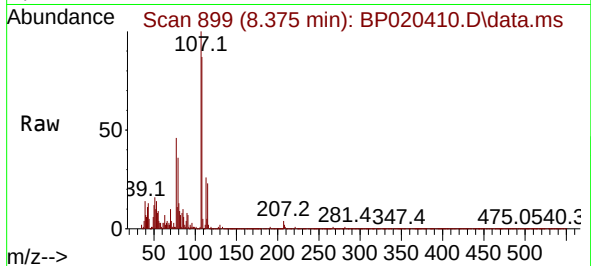
Tgt Ion: 70 Resp: 21903
Ion Ratio Lower Upper
70 100
42 57.3 46.2 69.4
101 10.3 7.8 11.6
130 20.2 15.4 23.0





#18
4-Methylphenol
Concen: 4.151 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

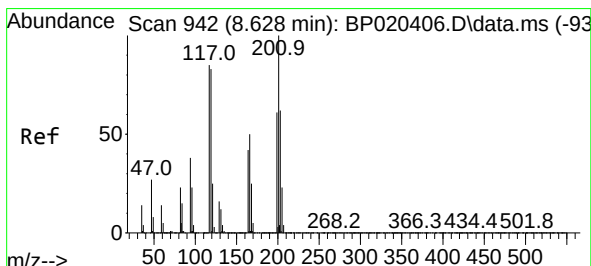
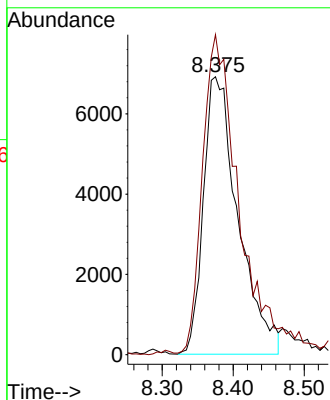
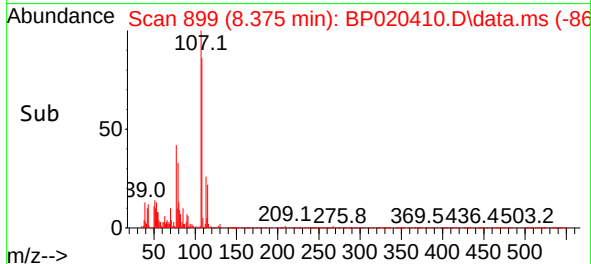
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 23494
Ion Ratio Lower Upper
108 100
107 115.2 88.2 132.2

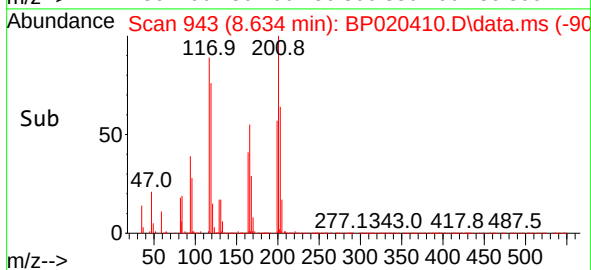
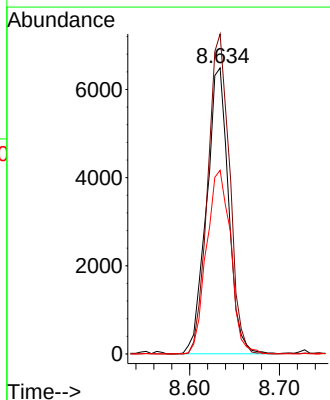
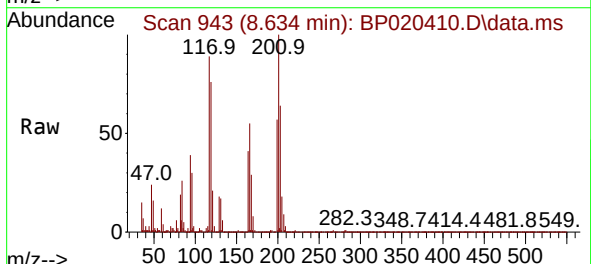
Manual Integrations
APPROVED

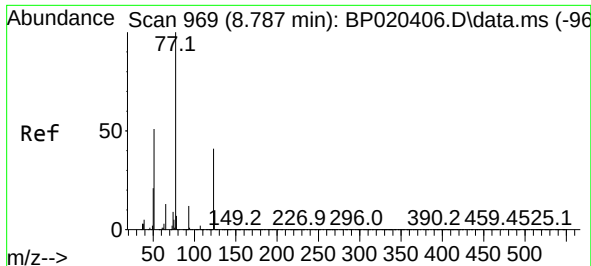
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#19
Hexachloroethane
Concen: 4.783 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

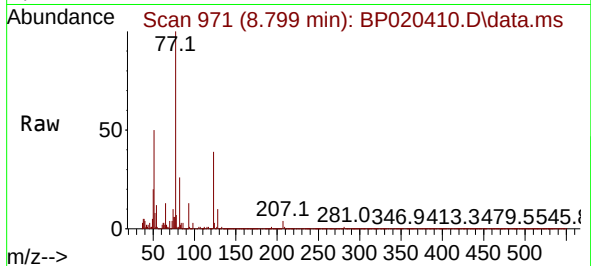
Tgt Ion:117 Resp: 11042
Ion Ratio Lower Upper
117 100
201 111.8 84.0 126.0
199 64.2 53.4 80.2





#22
Nitrobenzene
Concen: 4.403 ng/ul
RT: 8.799 min Scan# 910
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

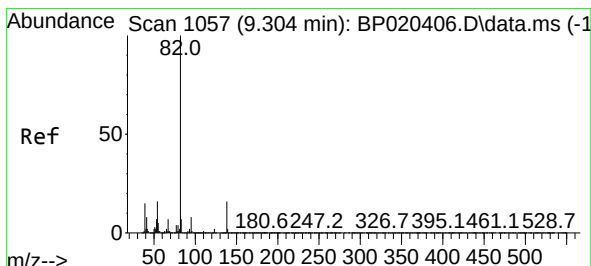
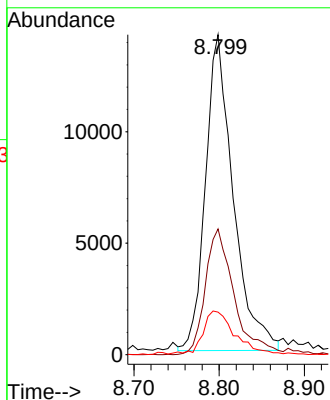
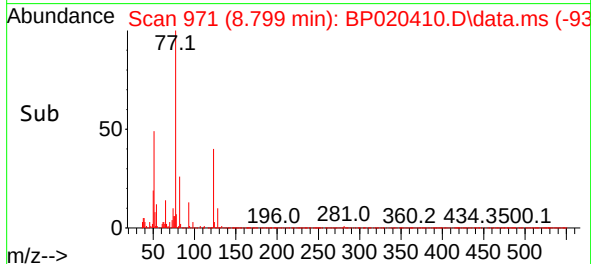
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 32110
Ion Ratio Lower Upper
77 100
123 39.3 31.4 47.2
65 13.3 11.4 17.2

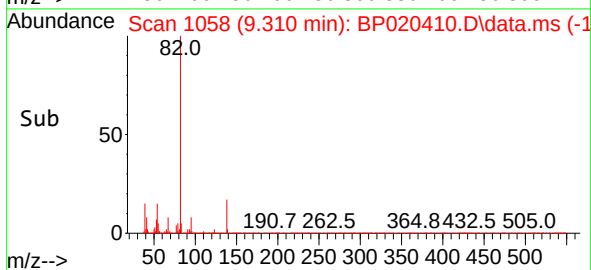
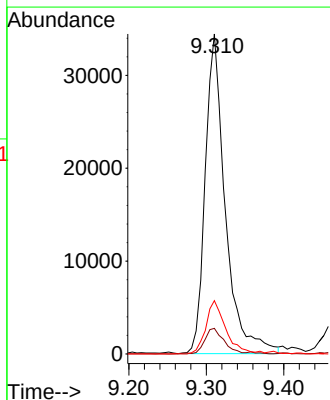
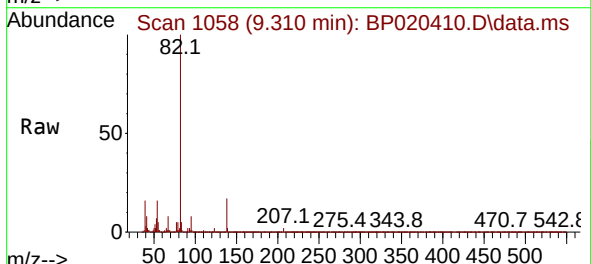
Manual Integrations
APPROVED

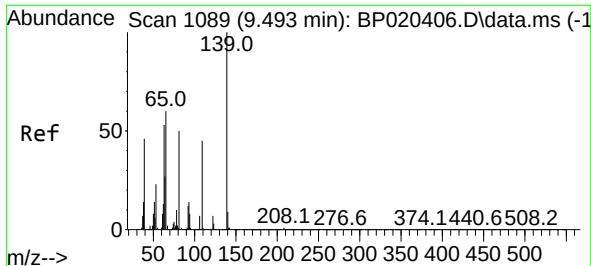
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#23
Isophorone
Concen: 4.429 ng/ul
RT: 9.310 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion: 82 Resp: 62107
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.6 12.9 19.3





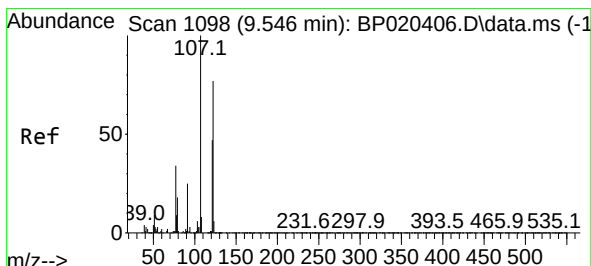
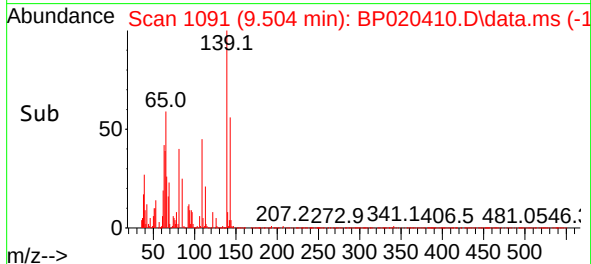
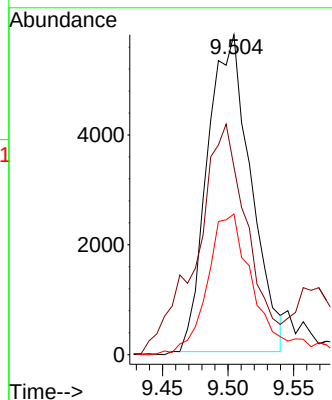
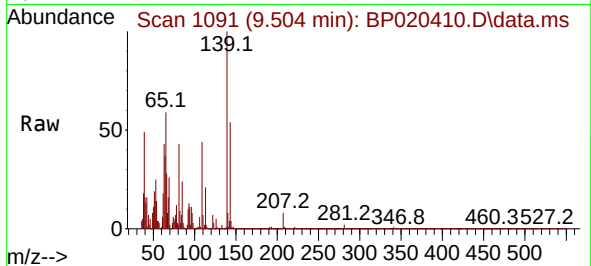
#25
2-Nitrophenol
Concen: 4.419 ng/ul
RT: 9.504 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:139 Resp: 13318
Ion Ratio Lower Upper
139 100
65 58.7 53.8 80.6
109 43.9 35.3 52.9

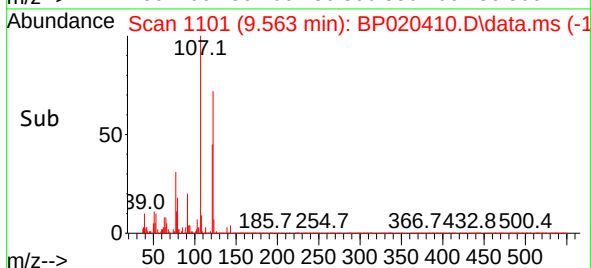
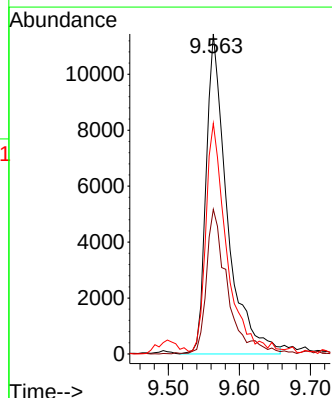
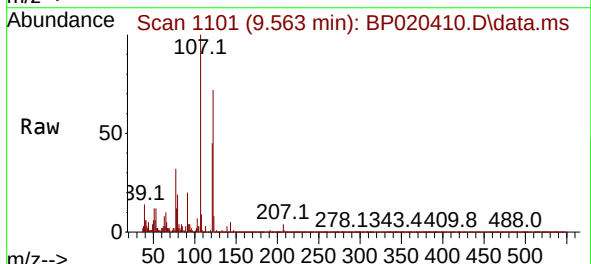
Manual Integrations
APPROVED

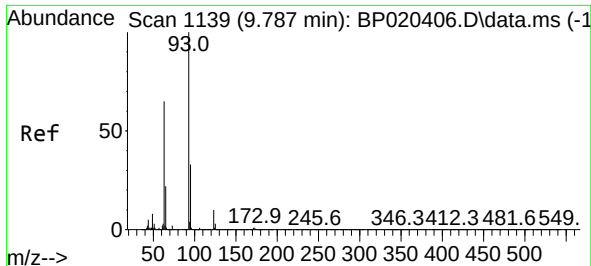
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#26
2,4-Dimethylphenol
Concen: 3.589 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:107 Resp: 23598
Ion Ratio Lower Upper
107 100
121 45.2 36.0 54.0
122 72.1 59.4 89.2





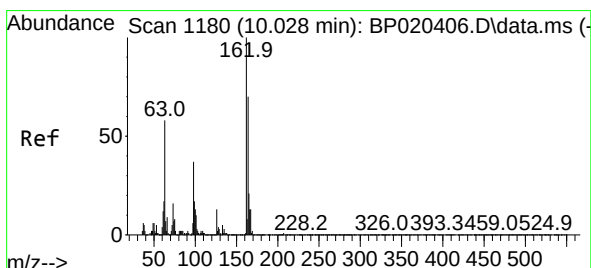
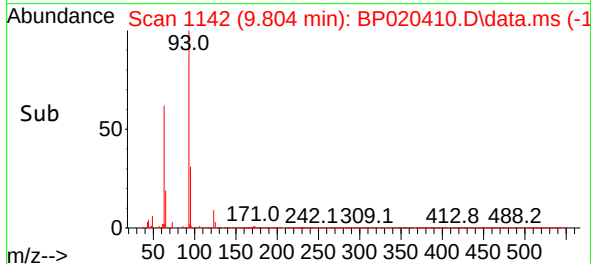
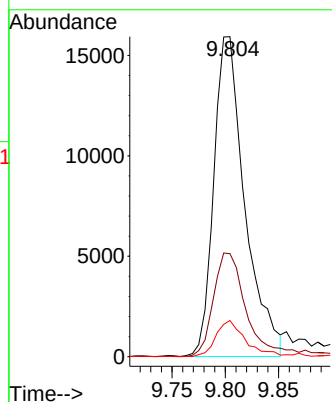
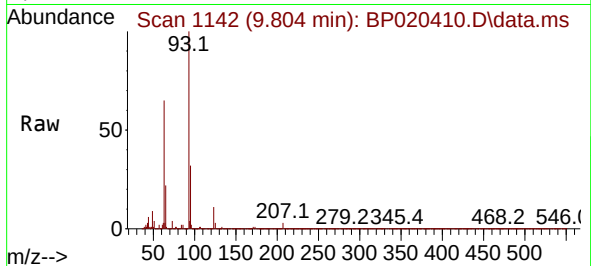
#27
Bis(2-Chloroethoxy)methane
Concen: 4.159 ng/ul
RT: 9.804 min Scan# 1139
Delta R.T. 0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	93	Resp:	32334
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.6	38.4
123	11.3	8.3	12.5

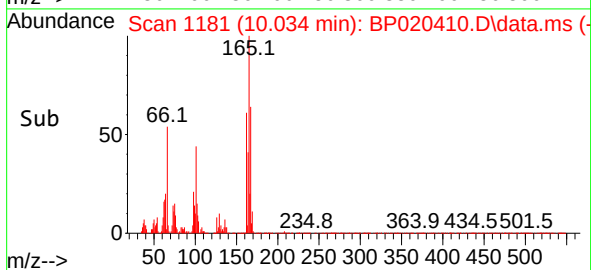
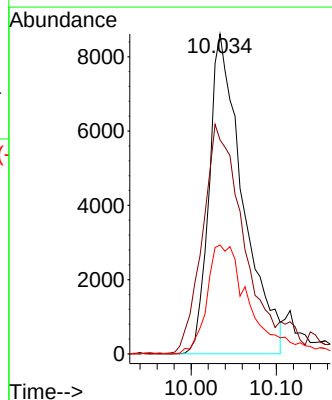
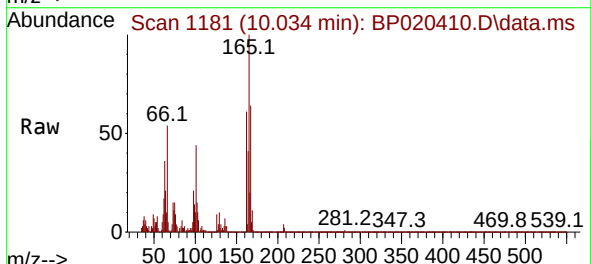
Manual Integrations
APPROVED

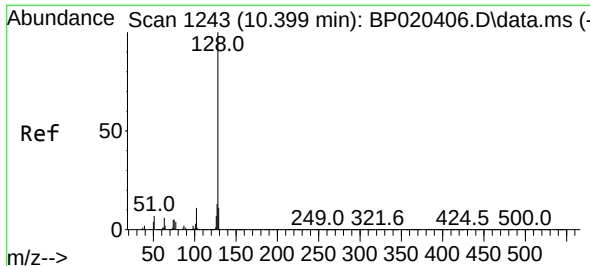
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#29
2,4-Dichlorophenol
Concen: 4.579 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

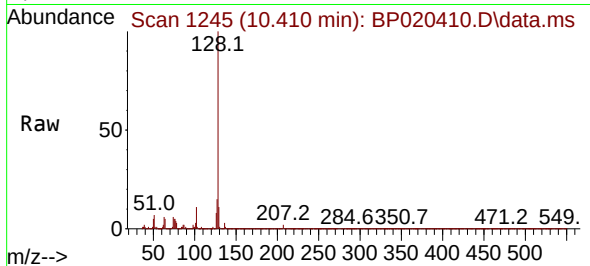
Tgt Ion:	162	Resp:	23647
Ion Ratio	Lower	Upper	
162	100		
164	66.9	53.1	79.7
98	34.0	31.4	47.2





#30
Naphthalene
Concen: 4.806 ng/ul
RT: 10.410 min Scan# 1245
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

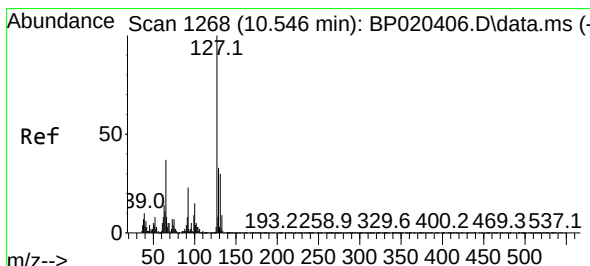
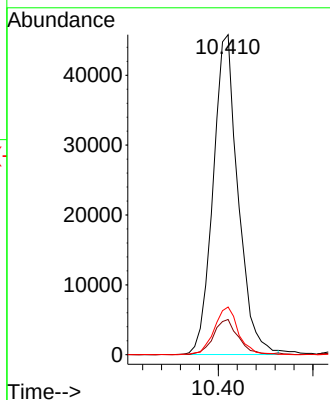
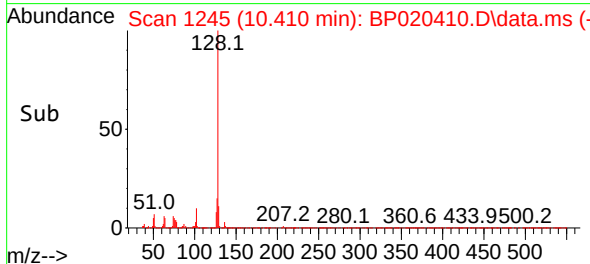
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



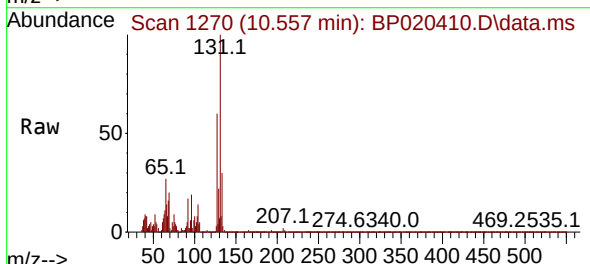
Tgt Ion:128 Resp: 8404
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 14.9 10.6 16.0

Manual Integrations
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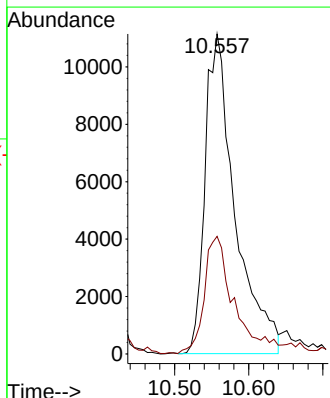
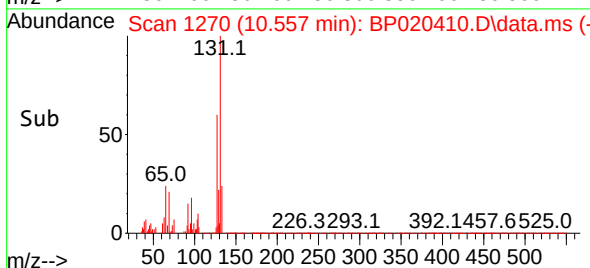
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

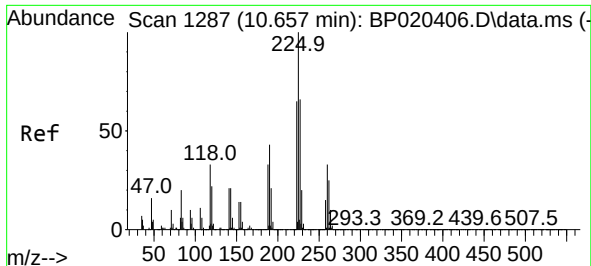


#32
4-Chloroaniline
Concen: 4.299 ng/ul
RT: 10.557 min Scan# 1270
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43



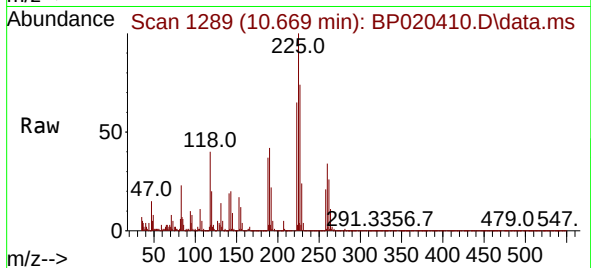
Tgt Ion:127 Resp: 31237
Ion Ratio Lower Upper
127 100
129 36.8 24.8 37.2





#33
Hexachlorobutadiene
Concen: 4.859 ng/ul
RT: 10.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

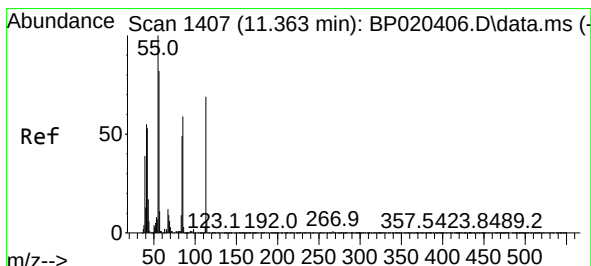
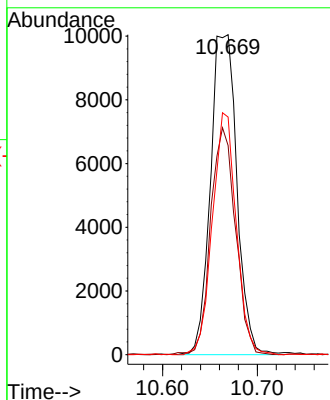
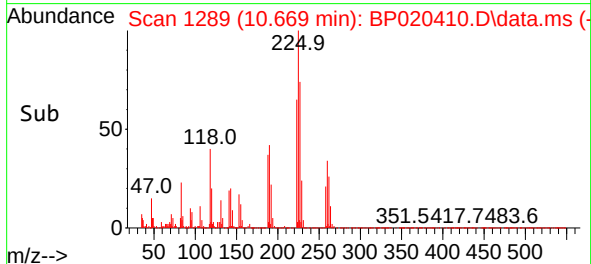
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:225 Resp: 19489
Ion Ratio Lower Upper
225 100
223 65.4 53.2 79.8
227 74.2 51.4 77.0

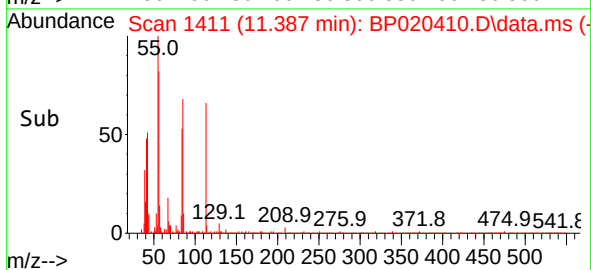
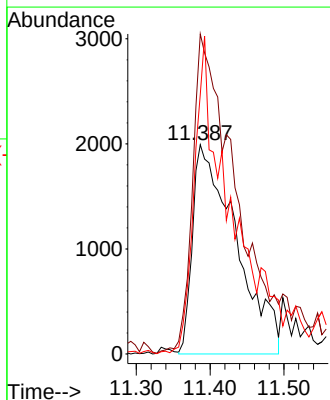
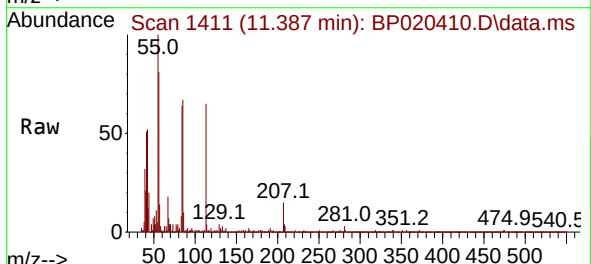
Manual Integrations
APPROVED

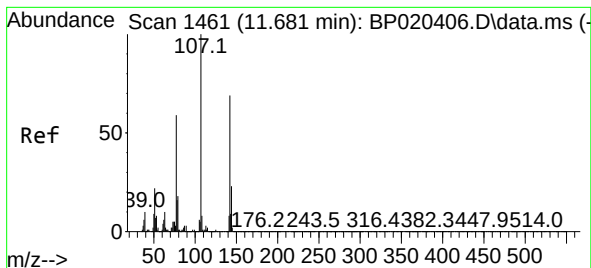
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#34
Caprolactam
Concen: 4.506 ng/ul m
RT: 11.387 min Scan# 1411
Delta R.T. 0.024 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

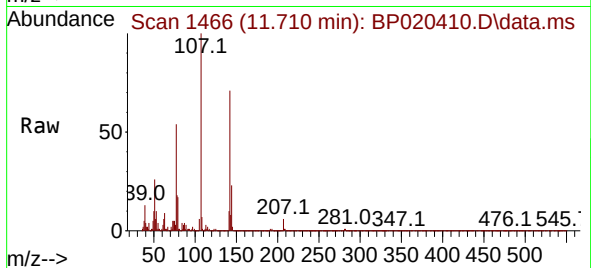
Tgt Ion:113 Resp: 8125
Ion Ratio Lower Upper
113 100
55 152.9 131.0 196.6
56 124.0 105.4 158.2





#35
4-Chloro-3-methylphenol
Concen: 3.889 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. 0.029 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

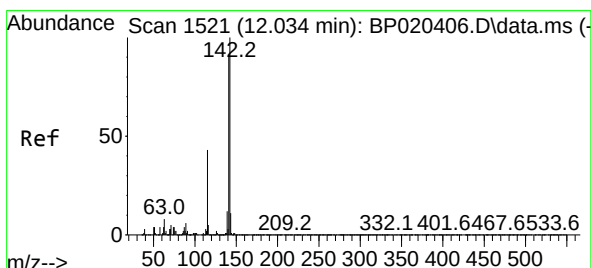
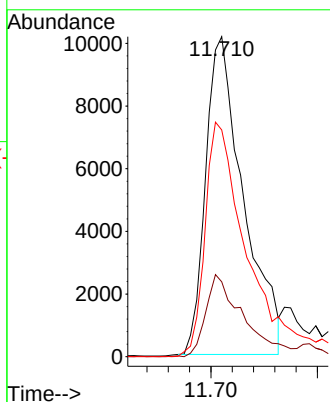
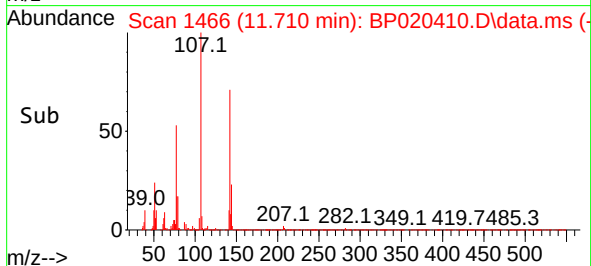
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



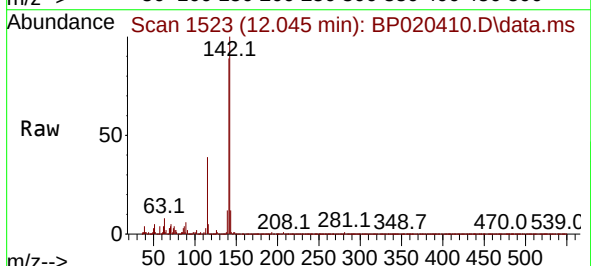
Tgt Ion:107 Resp: 25004
Ion Ratio Lower Upper
107 100
144 23.4 18.3 27.5
142 70.8 56.6 84.8

Manual Integrations
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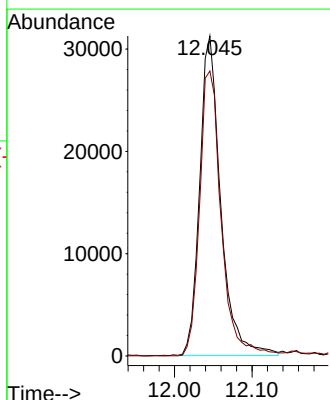
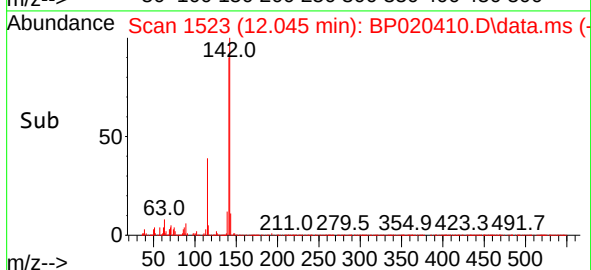
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

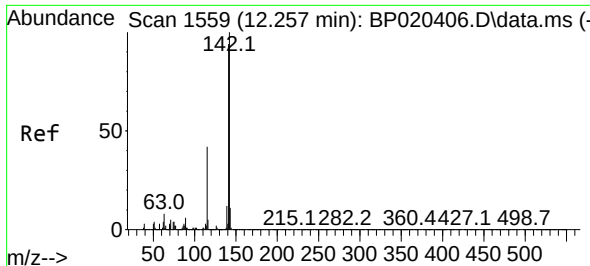


#36
2-Methylnaphthalene
Concen: 4.850 ng/ul
RT: 12.045 min Scan# 1523
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43



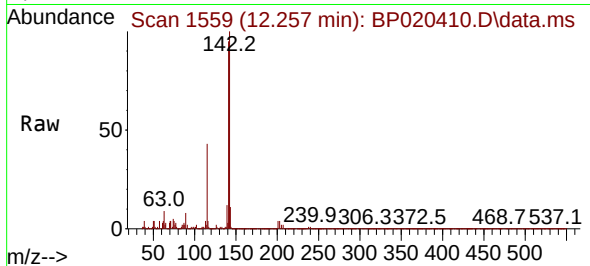
Tgt Ion:142 Resp: 59018
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8





#37
1-Methylnaphthalene
Concen: 5.082 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

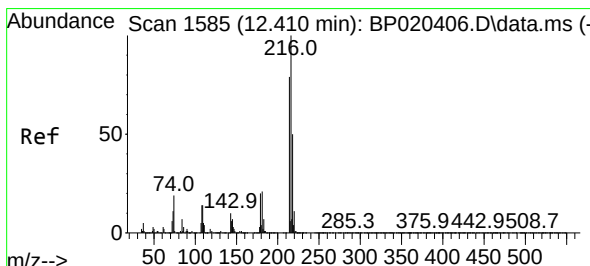
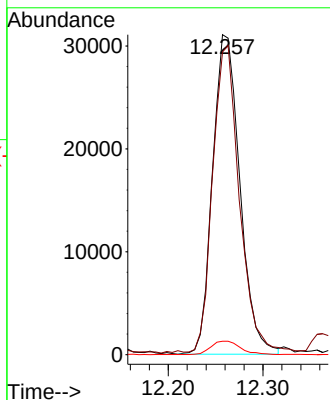
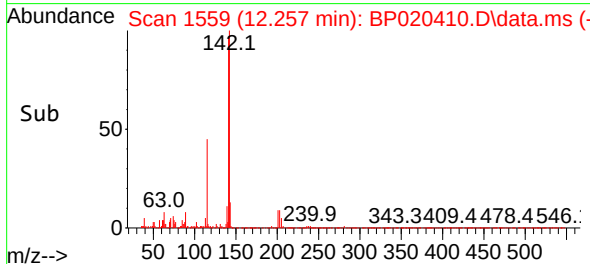
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



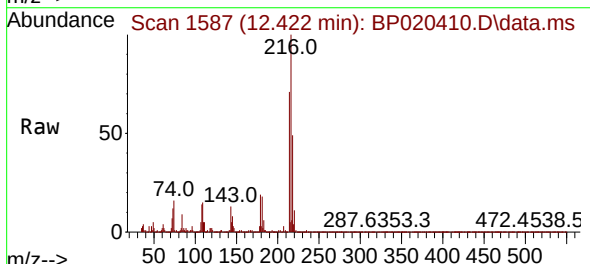
Tgt Ion:142 Resp: 62225
Ion Ratio Lower Upper
142 100
141 94.6 75.5 113.3
116 4.2 3.9 5.9

Manual Integrations
APPROVED

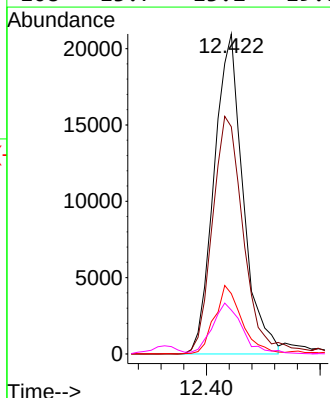
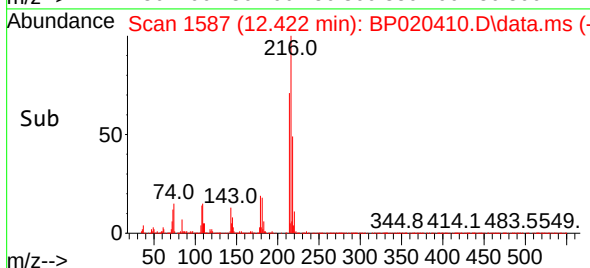
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

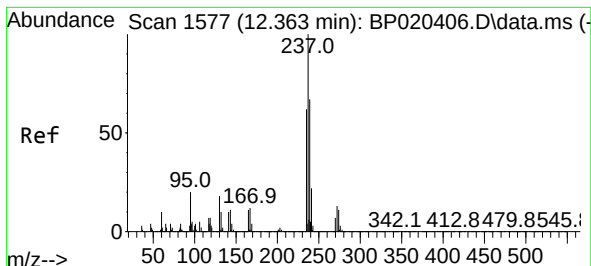


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.565 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43



Tgt Ion:216 Resp: 37129
Ion Ratio Lower Upper
216 100
214 71.0 61.3 91.9
179 18.8 16.9 25.3
108 13.7 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 5.420 ng/ul

RT: 12.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

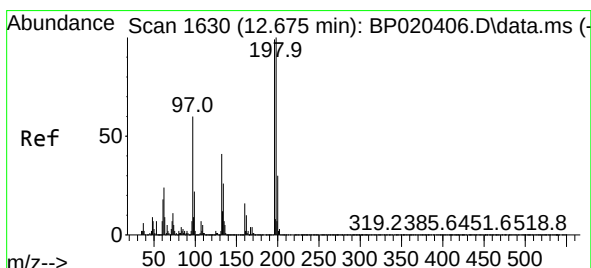
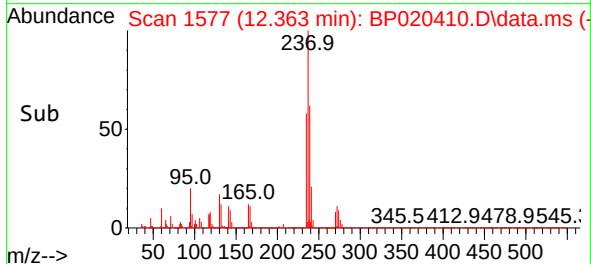
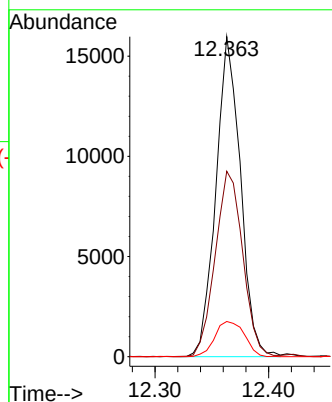
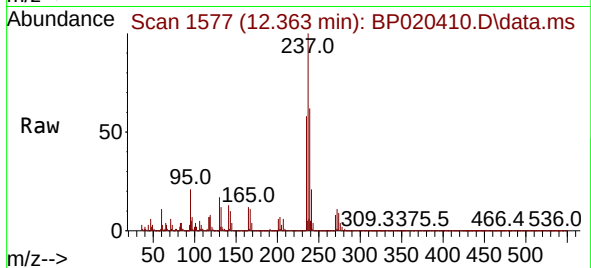
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	237	Resp:	23978
Ion Ratio	Lower	Upper	
237	100		
235	57.9	52.4	78.6
272	11.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#41

2,4,6-Trichlorophenol

Concen: 4.179 ng/ul m

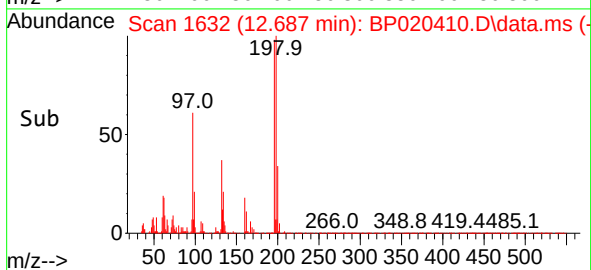
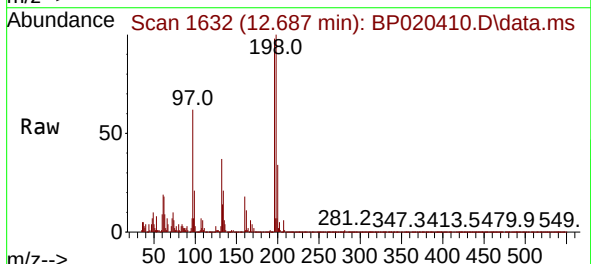
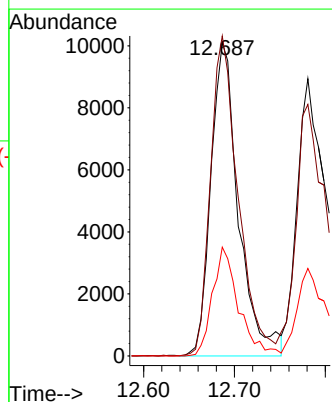
RT: 12.687 min Scan# 1632

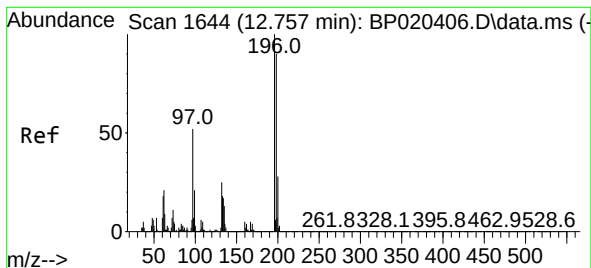
Delta R.T. 0.012 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

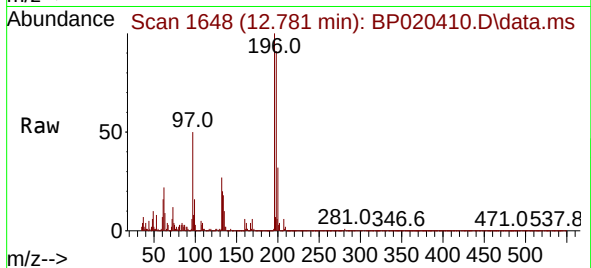
Tgt Ion:	196	Resp:	21316
Ion Ratio	Lower	Upper	
196	100		
198	102.1	75.8	113.8
200	34.7	24.8	37.2





#42
2,4,5-Trichlorophenol
Concen: 3.992 ng/ul
RT: 12.781 min Scan# 1648
Delta R.T. 0.024 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

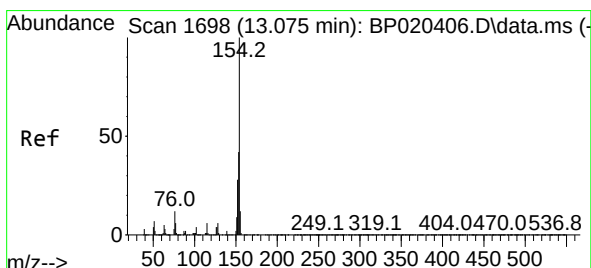
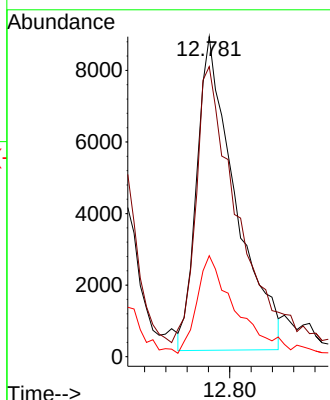
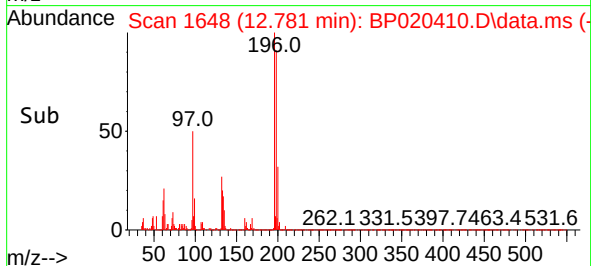
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:196 Resp: 2191
Ion Ratio Lower Upper
196 100
198 90.7 73.5 110.3
200 31.5 24.4 36.6

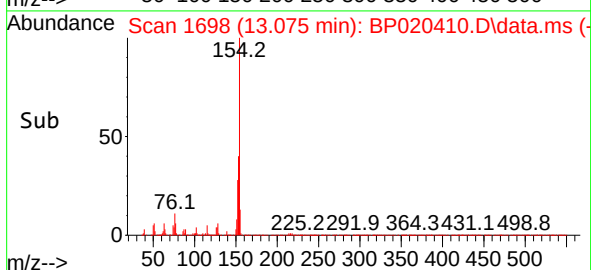
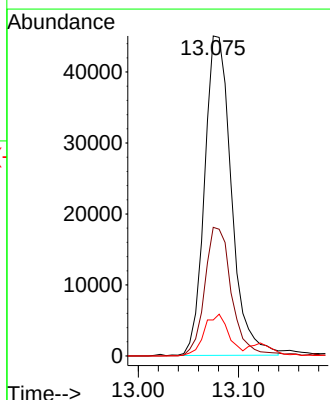
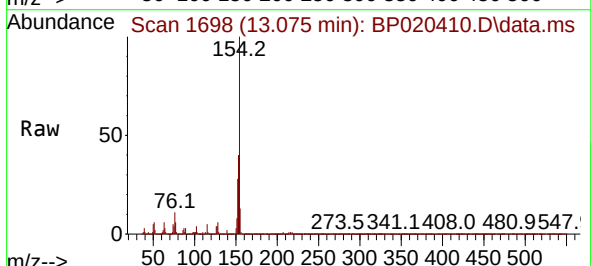
Manual Integrations
APPROVED

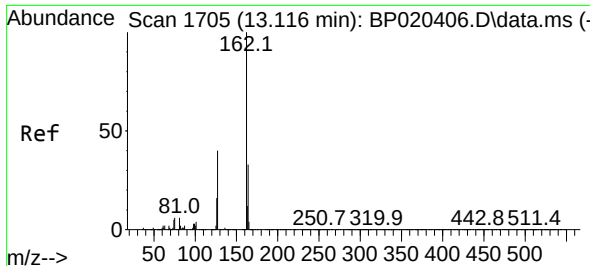
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#43
1,1'-Biphenyl
Concen: 4.538 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

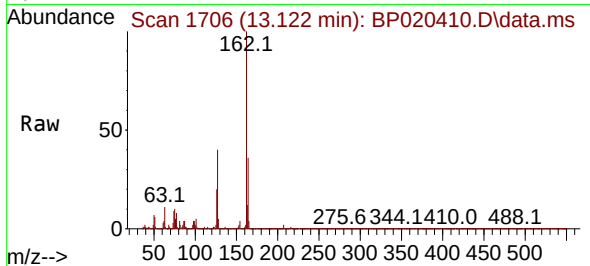
Tgt Ion:154 Resp: 83713
Ion Ratio Lower Upper
154 100
153 40.2 33.1 49.7
76 11.3 9.7 14.5





#44
2-Chloronaphthalene
Concen: 4.632 ng/ul
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

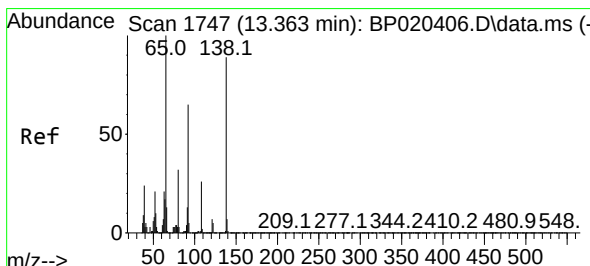
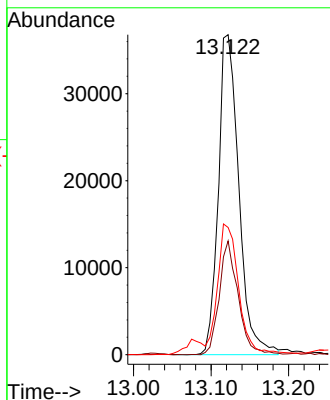
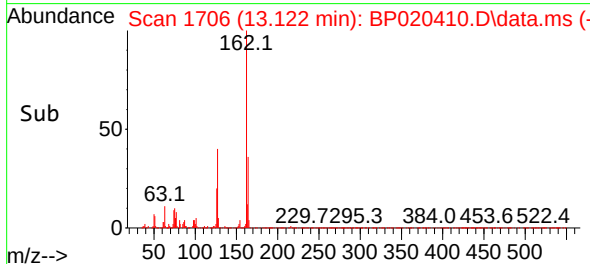
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



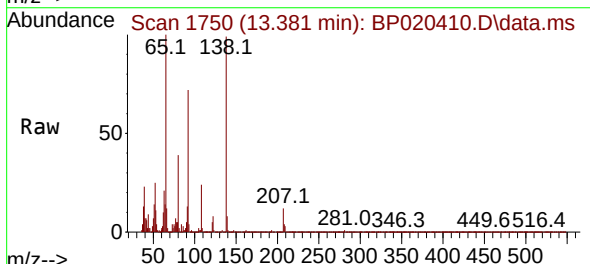
Tgt Ion:162 Resp: 67804
Ion Ratio Lower Upper
162 100
164 35.5 26.1 39.1
127 39.7 33.6 50.4

Manual Integrations
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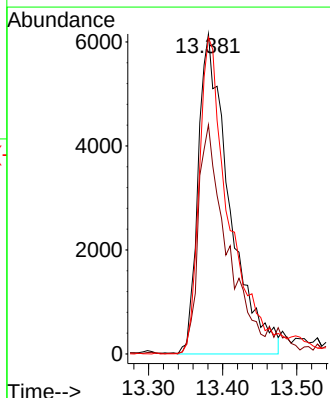
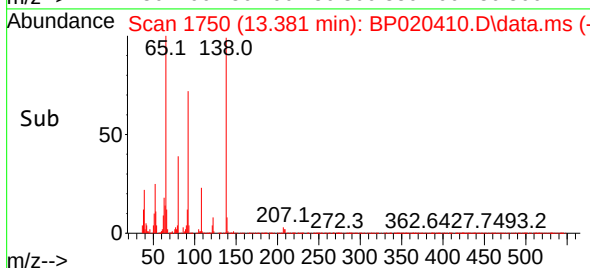
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

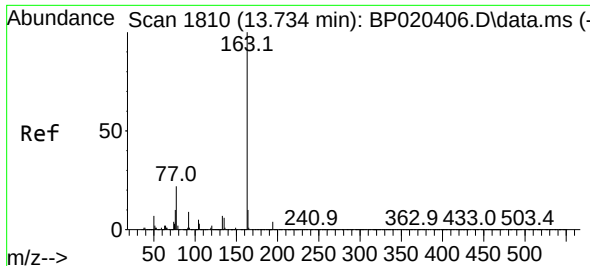


#45
2-Nitroaniline
Concen: 3.721 ng/ul
RT: 13.381 min Scan# 1750
Delta R.T. 0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43



Tgt Ion: 65 Resp: 18067
Ion Ratio Lower Upper
65 100
92 71.6 55.6 83.4
138 98.9 73.1 109.7





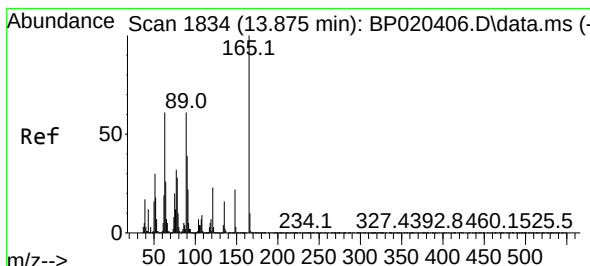
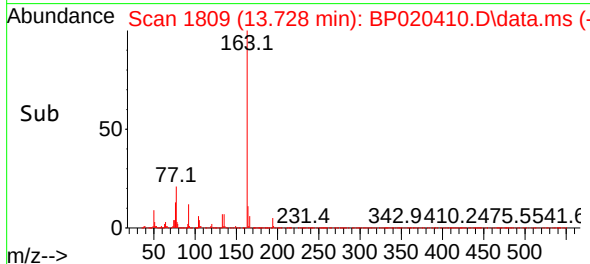
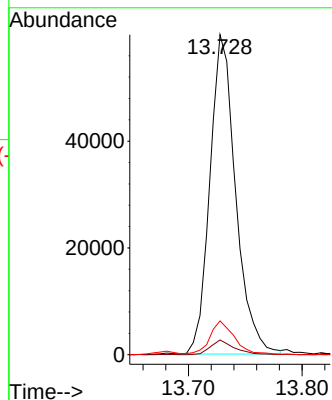
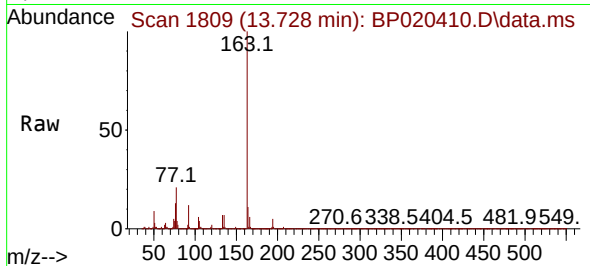
#47
Dimethylphthalate
Concen: 4.913 ng/ul
RT: 13.728 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:163 Resp: 9452
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.6 8.2 12.4

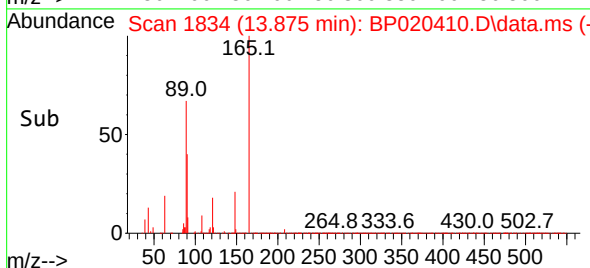
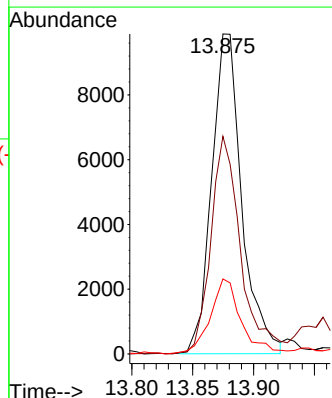
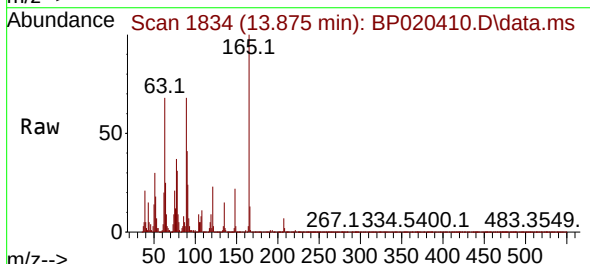
Manual Integrations
APPROVED

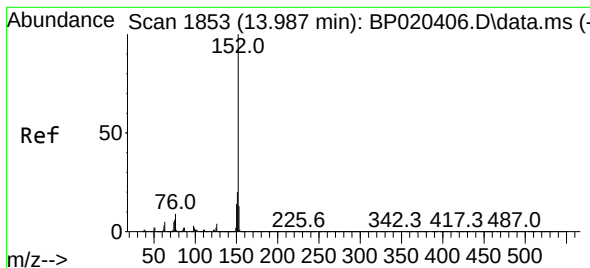
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#48
2,6-Dinitrotoluene
Concen: 4.440 ng/ul
RT: 13.875 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

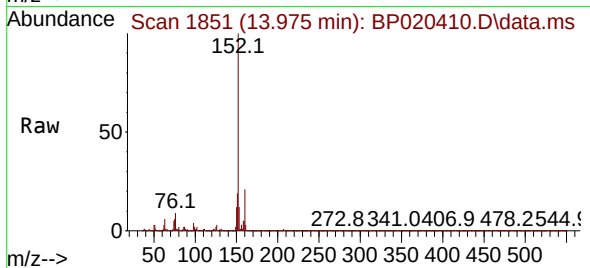
Tgt Ion:165 Resp: 16980
Ion Ratio Lower Upper
165 100
89 68.0 51.0 76.6
121 23.5 18.5 27.7





#50
Acenaphthylene
Concen: 4.890 ng/ul
RT: 13.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

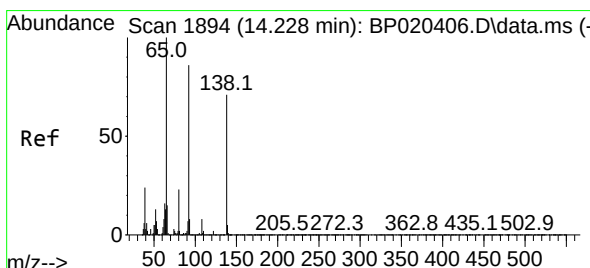
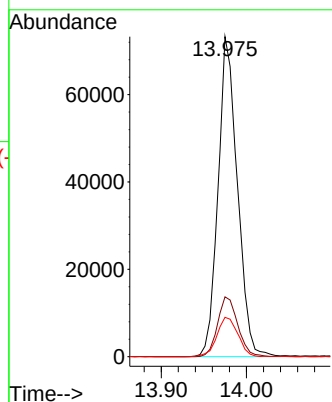
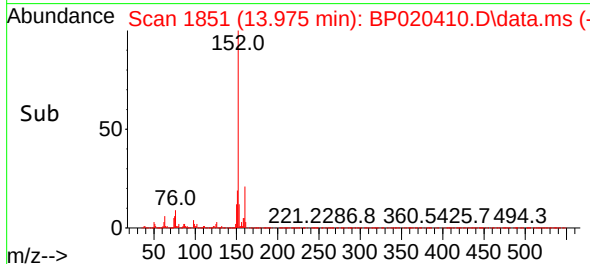
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:152 Resp: 11571
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7
153 12.3 10.3 15.5

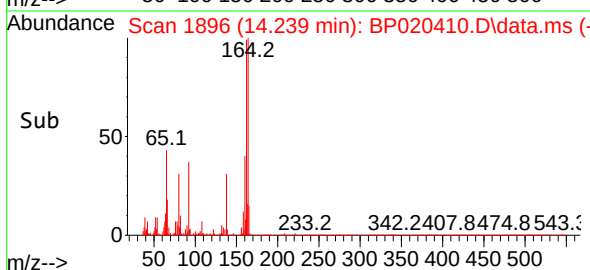
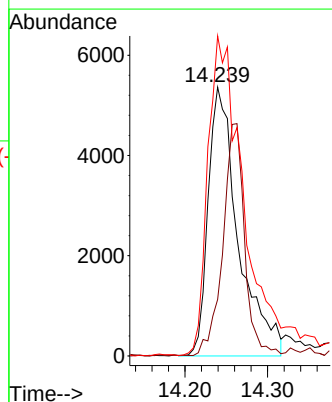
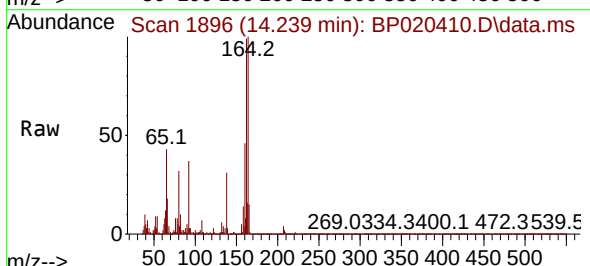
Manual Integrations
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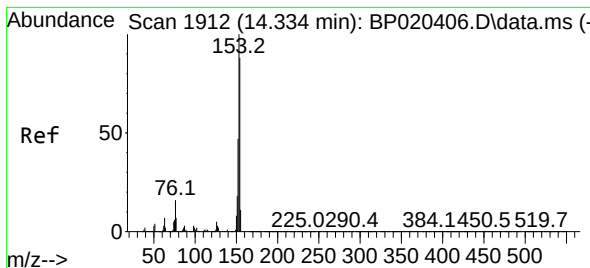
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#51
3-Nitroaniline
Concen: 3.822 ng/ul m
RT: 14.239 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

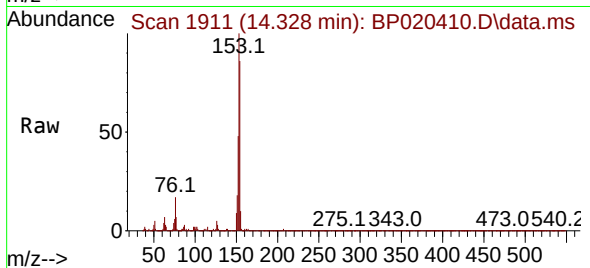
Tgt Ion:138 Resp: 13632
Ion Ratio Lower Upper
138 100
108 21.0 10.8 16.2#
92 119.0 103.3 154.9





#52
Acenaphthene
Concen: 4.814 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

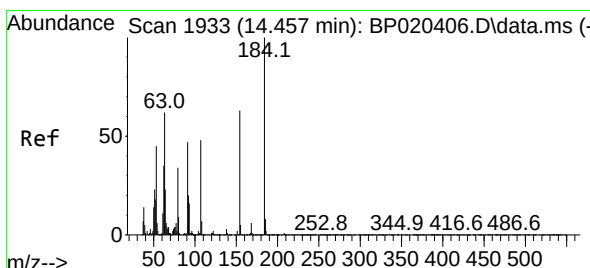
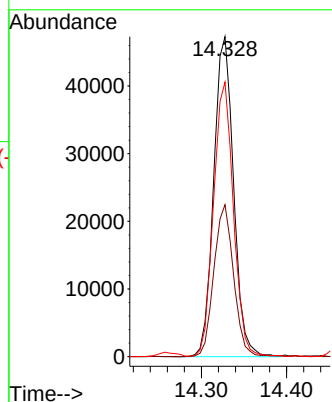
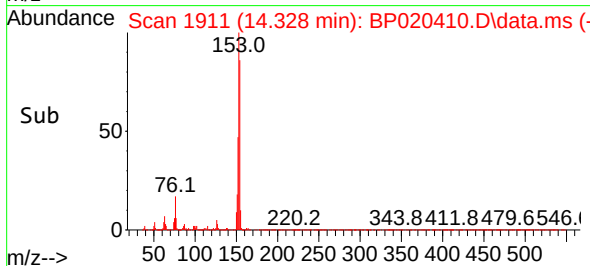
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:153 Resp: 76560
Ion Ratio Lower Upper
153 100
152 47.5 37.4 56.2
154 85.8 70.3 105.5

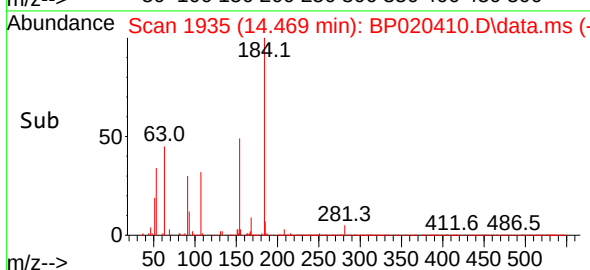
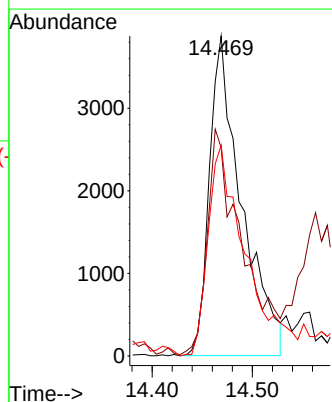
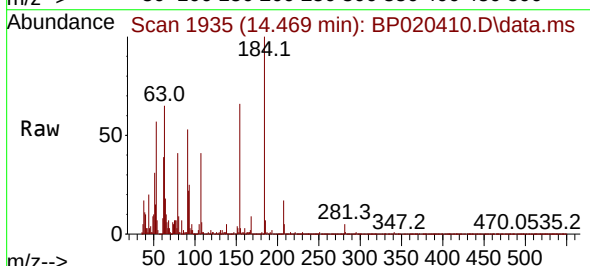
Manual Integrations
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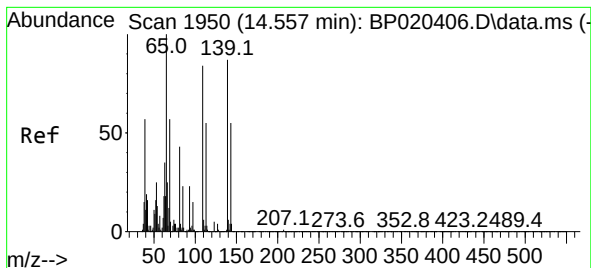
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#53
2,4-Dinitrophenol
Concen: 3.684 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

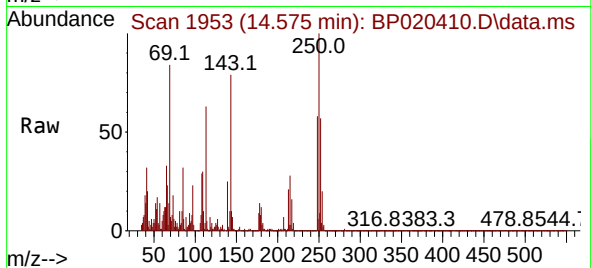
Tgt Ion:184 Resp: 8649
Ion Ratio Lower Upper
184 100
63 65.0 65.6 98.4#
154 65.9 53.8 80.8





#55
4-Nitrophenol
Concen: 4.679 ng/ul m
RT: 14.575 min Scan# 1953
Delta R.T. 0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

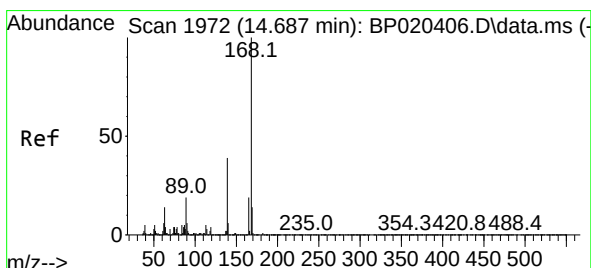
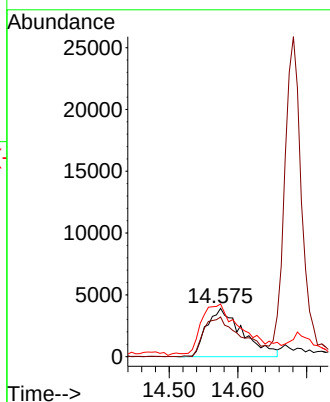
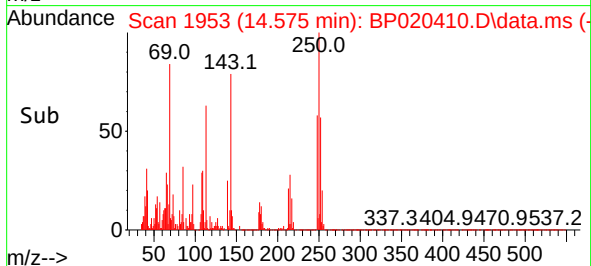
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:109 Resp: 1426
Ion Ratio Lower Upper
109 100
139 82.1 78.4 117.6
65 109.0 101.8 152.6

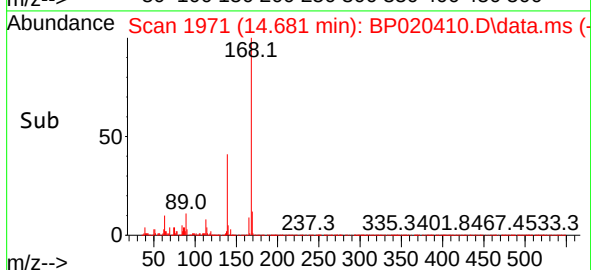
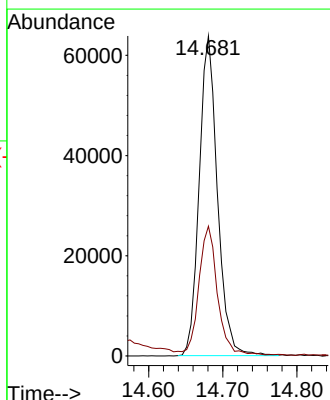
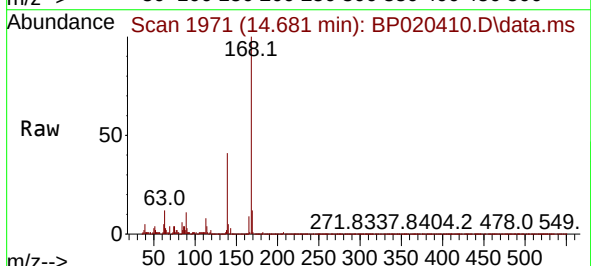
Manual Integrations
APPROVED

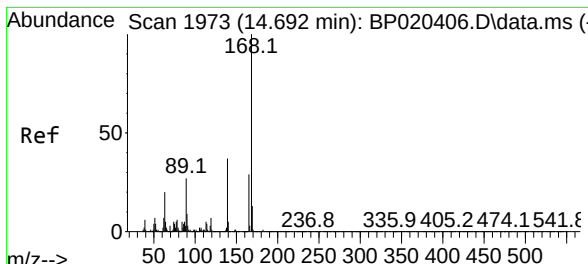
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#56
Dibenzofuran
Concen: 4.986 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:168 Resp: 109048
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1





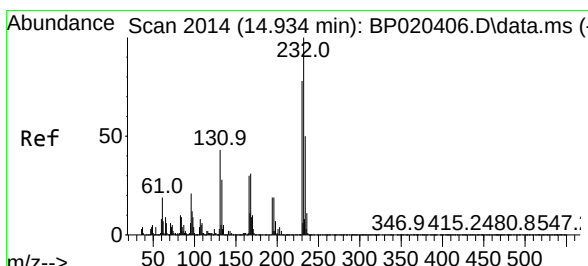
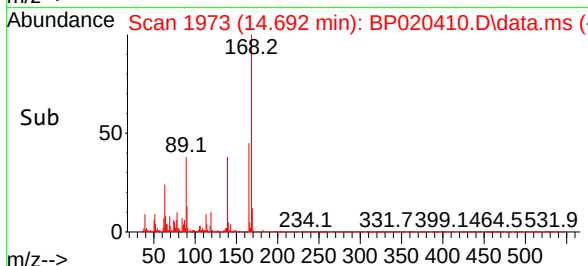
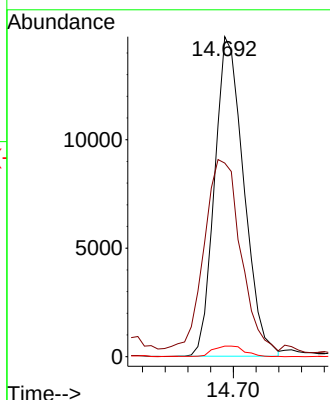
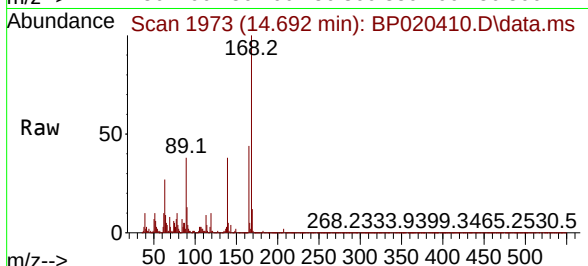
#57
2,4-Dinitrotoluene
Concen: 4.785 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.5	59.7	89.5
182	3.3	2.4	3.6

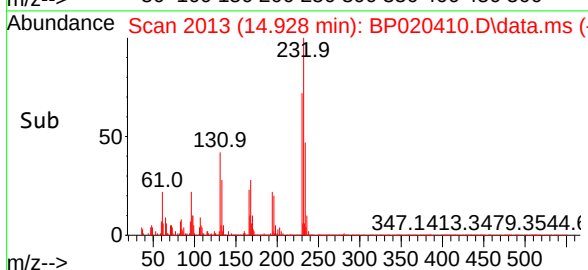
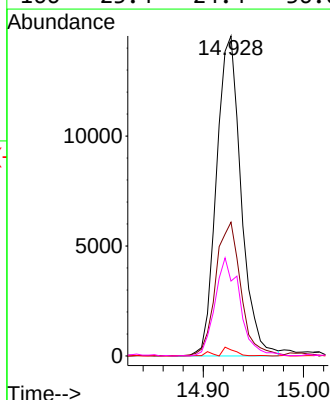
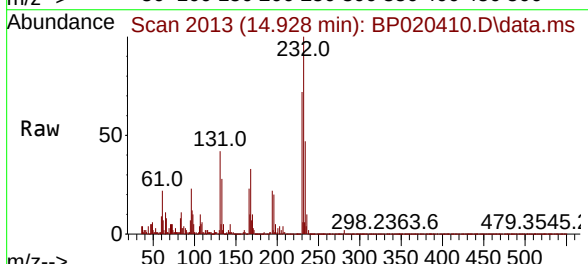
Manual Integrations
APPROVED

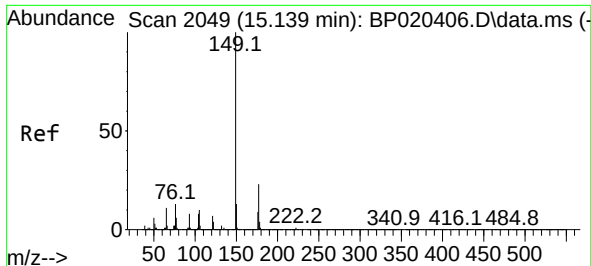
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 5.031 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	36.7	55.1
130	1.9	1.9	2.9#
166	23.4	24.4	36.6#





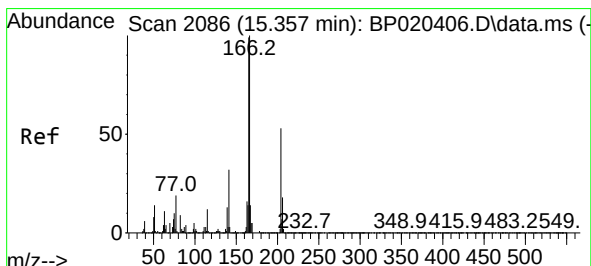
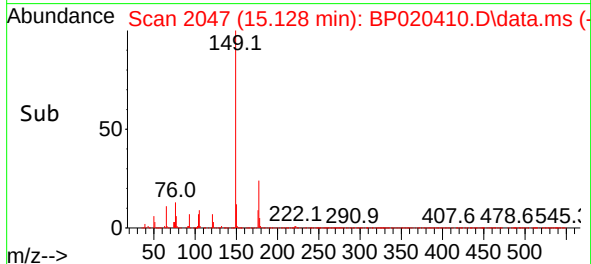
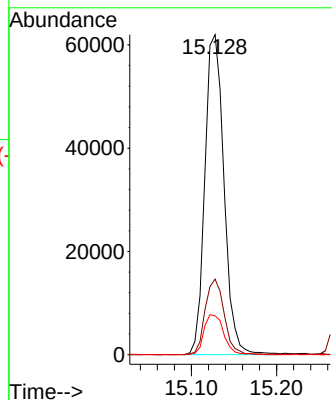
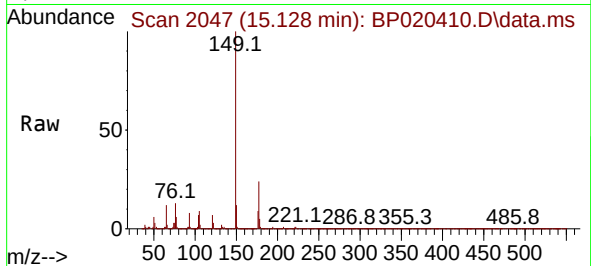
#59
Diethylphthalate
Concen: 5.033 ng/ul
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	149	Resp:	9664
Ion Ratio	Lower	Upper	
149	100		
177	23.6	17.9	26.9
150	12.1	10.2	15.2

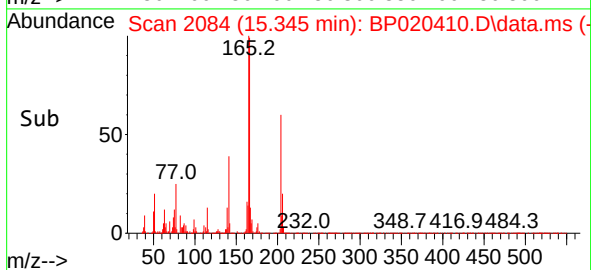
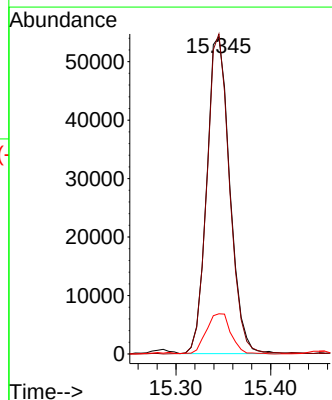
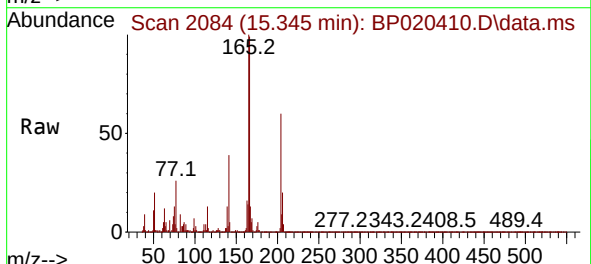
Manual Integrations
APPROVED

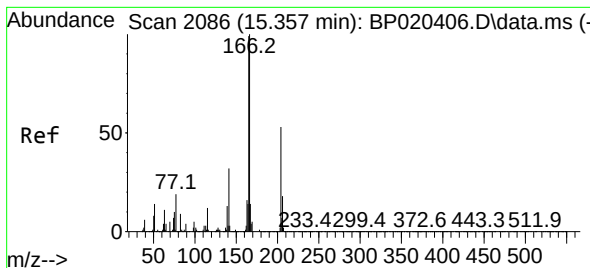
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#61
Fluorene
Concen: 5.046 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

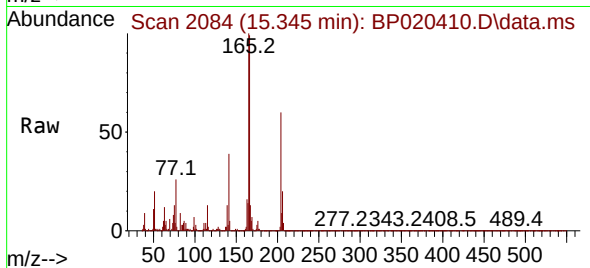
Tgt Ion:	166	Resp:	91700
Ion Ratio	Lower	Upper	
166	100		
165	100.9	76.2	114.2
167	12.7	10.3	15.5





#62
4-Chlorophenyl-phenylether
Concen: 5.110 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

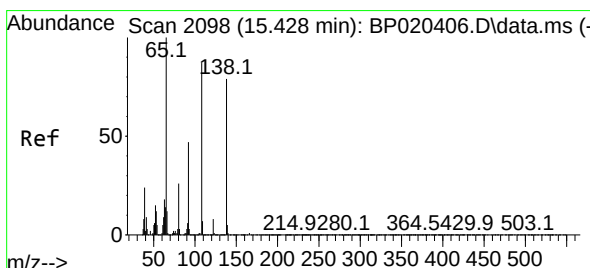
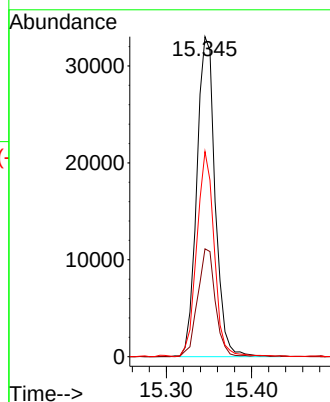
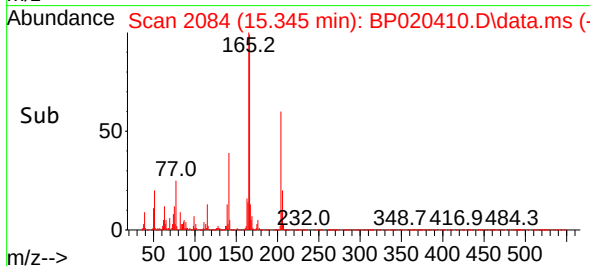
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



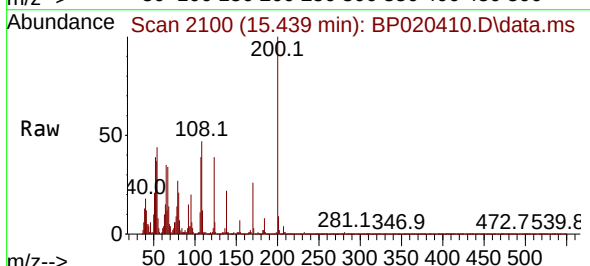
Tgt Ion:204 Resp: 49270
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.2
141 64.1 53.0 79.6

Manual Integrations
APPROVED

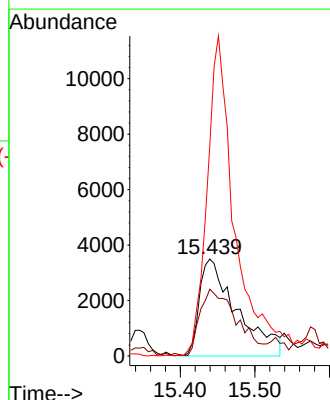
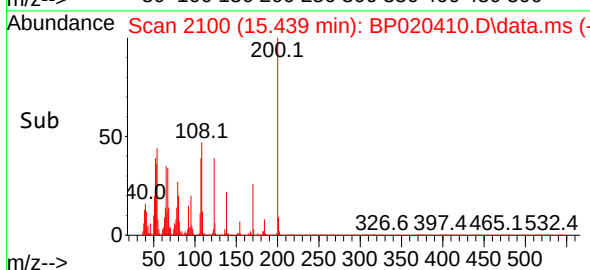
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

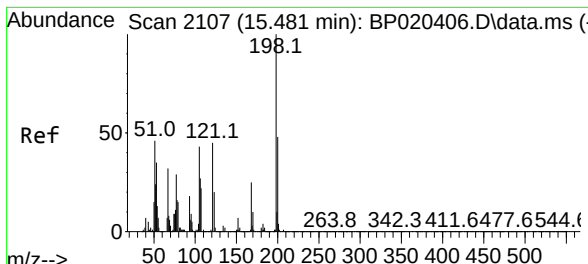


#63
4-Nitroaniline
Concen: 4.136 ng/ul m
RT: 15.439 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43



Tgt Ion:138 Resp: 12294
Ion Ratio Lower Upper
138 100
92 68.7 47.6 71.4
108 216.9 90.5 135.7#





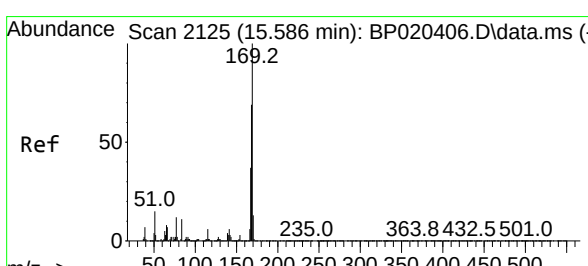
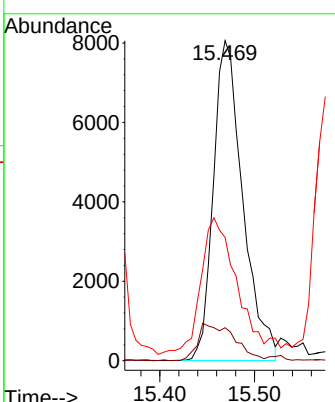
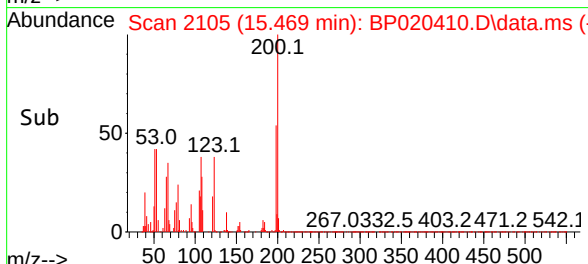
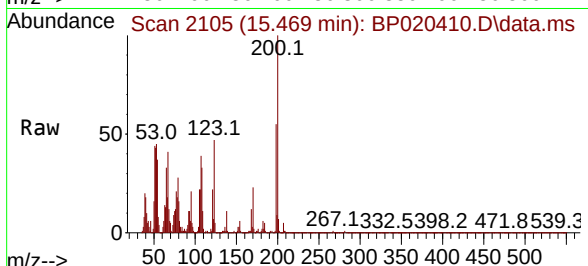
#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.395 ng/ul
 RT: 15.469 min Scan# 2105
 Delta R.T. -0.012 min
 Lab File: BP020410.D
 Acq: 16 May 2024 13:43

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	198	Resp:	17400
Ion Ratio	100	Lower	Upper
198	100		
182	10.3	3.3	4.9
77	38.5	24.4	36.6

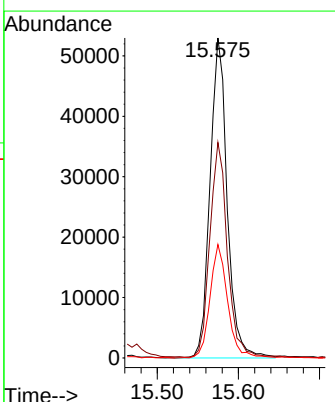
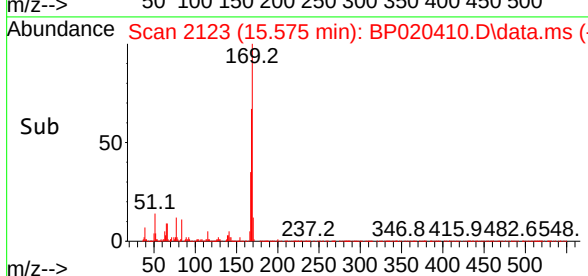
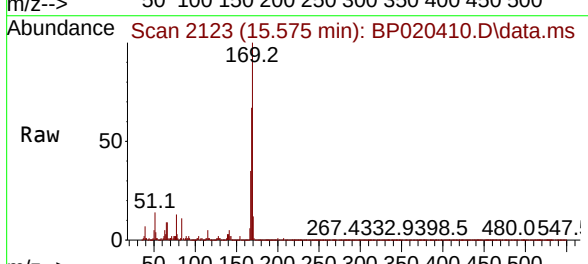
Manual Integrations
 APPROVED

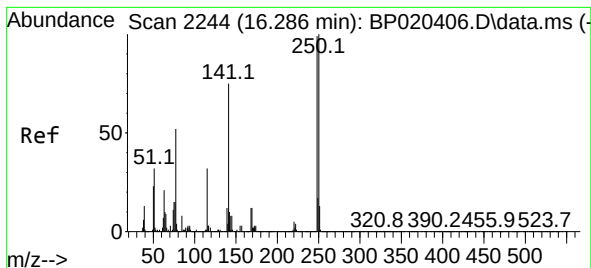
Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.676 ng/ul
 RT: 15.575 min Scan# 2123
 Delta R.T. -0.012 min
 Lab File: BP020410.D
 Acq: 16 May 2024 13:43

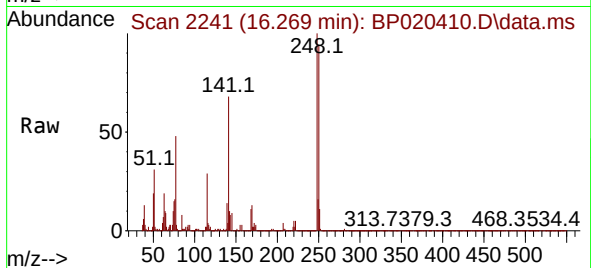
Tgt Ion:	169	Resp:	77919
Ion Ratio	100	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	35.4	29.0	43.6





#68
4-Bromophenyl-phenylether
Concen: 4.887 ng/ul
RT: 16.269 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

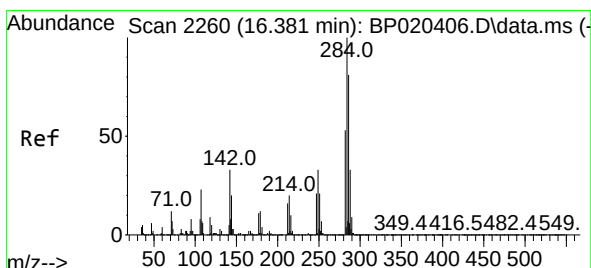
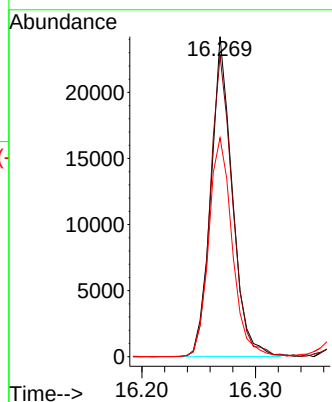
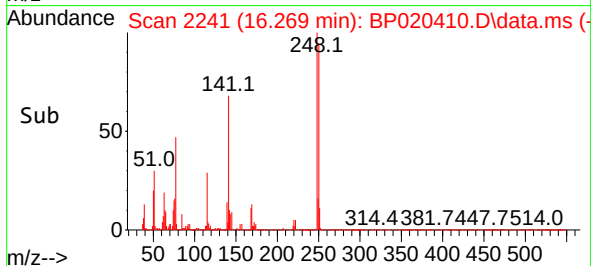
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:248 Resp: 3168
Ion Ratio Lower Upper
248 100
250 94.1 76.2 114.4
141 68.4 57.2 85.8

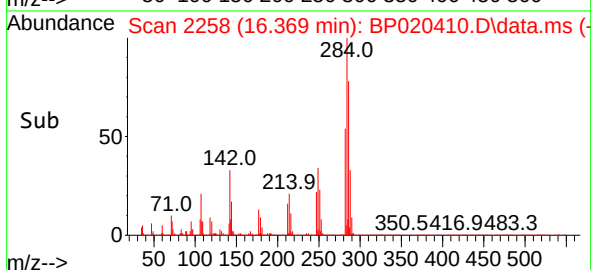
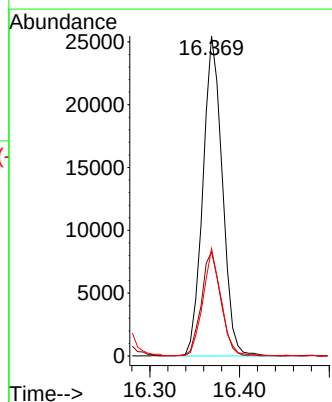
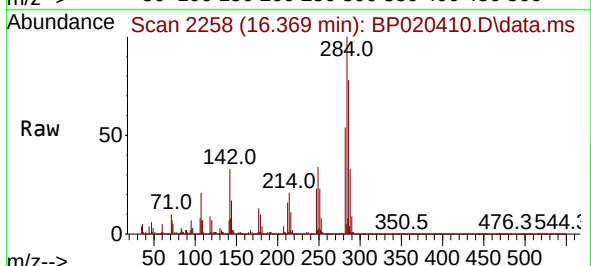
Manual Integrations
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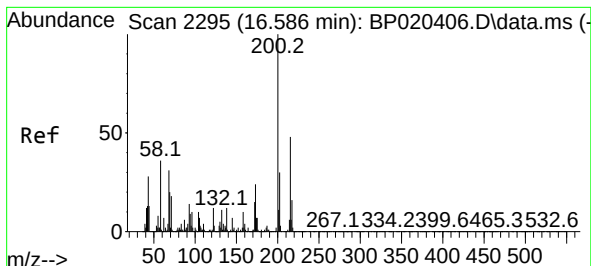
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#69
Hexachlorobenzene
Concen: 5.092 ng/ul
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:284 Resp: 38235
Ion Ratio Lower Upper
284 100
142 32.6 27.8 41.8
249 33.5 25.4 38.0





#70

Atrazine

Concen: 5.338 ng/ul

RT: 16.581 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

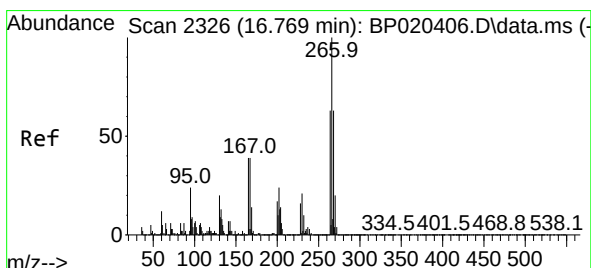
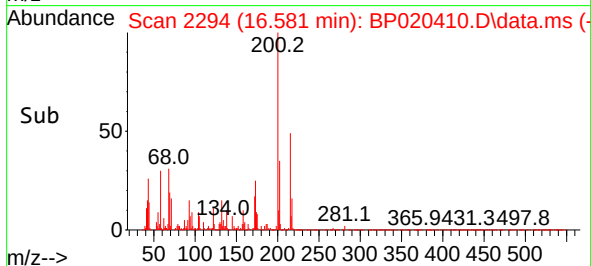
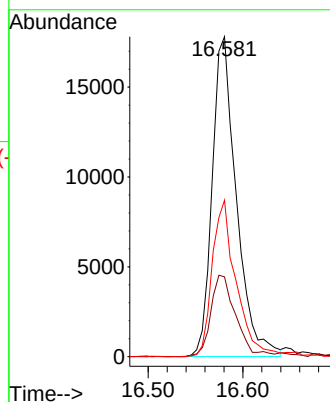
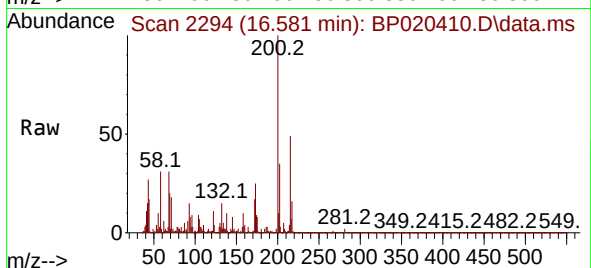
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:200 Resp: 31540
 Ion Ratio Lower Upper
 200 100
 173 24.9 20.3 30.5
 215 48.9 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#71

Pentachlorophenol

Concen: 4.483 ng/ul

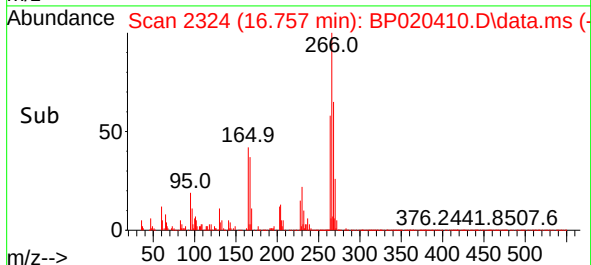
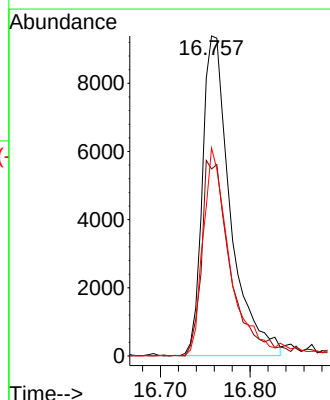
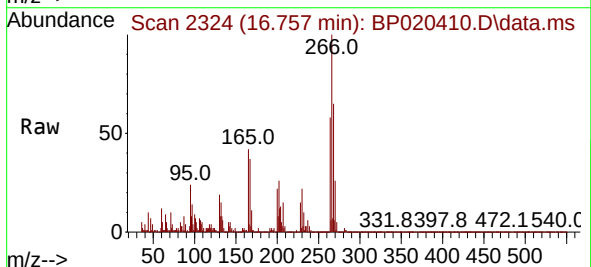
RT: 16.757 min Scan# 2324

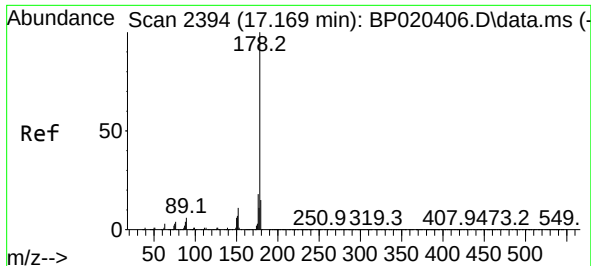
Delta R.T. -0.012 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

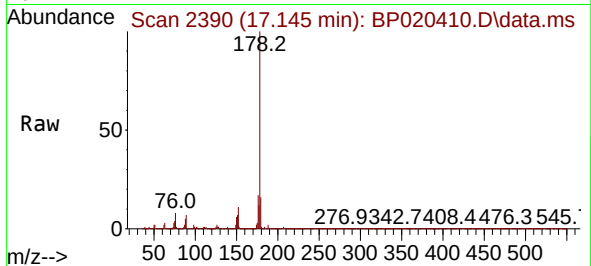
Tgt Ion:266 Resp: 20344
 Ion Ratio Lower Upper
 266 100
 264 58.4 49.8 74.6
 268 64.9 50.4 75.6





#72
Phenanthrene
Concen: 4.879 ng/ul
RT: 17.145 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

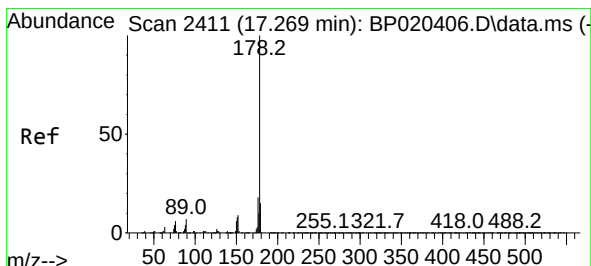
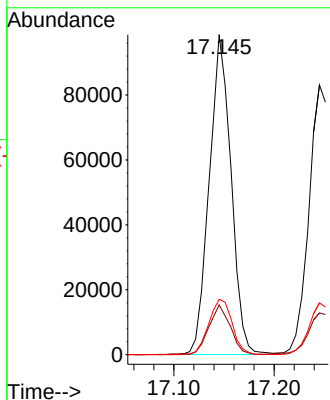
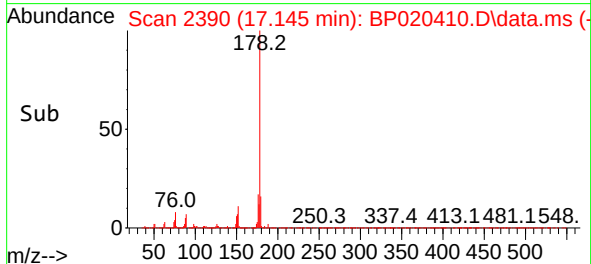
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:178 Resp: 148998
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 17.3 15.2 22.8

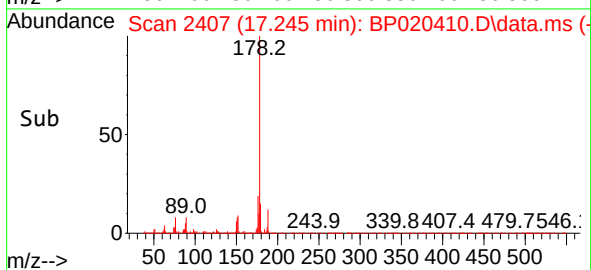
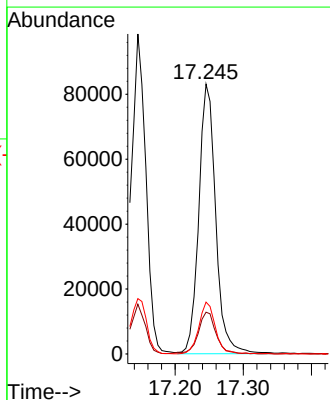
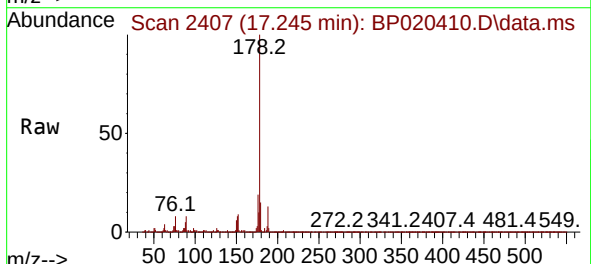
Manual Integrations
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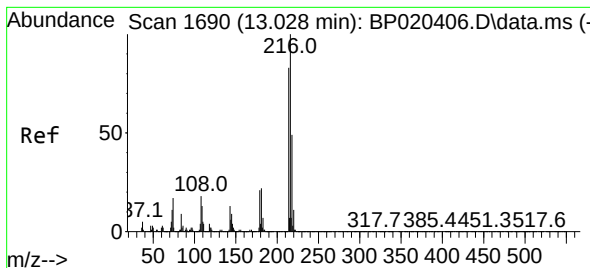
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#74
Anthracene
Concen: 4.628 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. -0.024 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:178 Resp: 143749
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.2 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.201 ng/uL

RT: 13.034 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

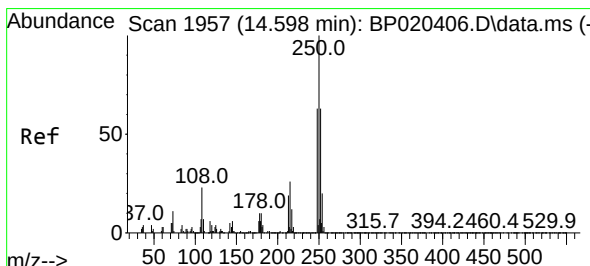
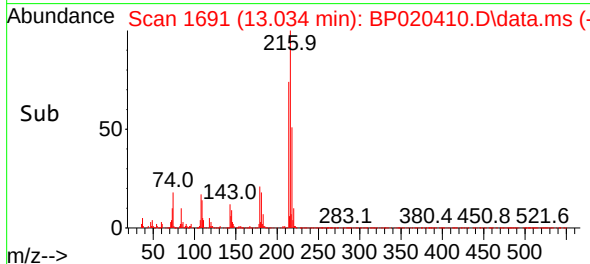
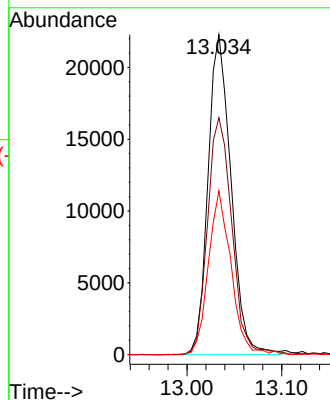
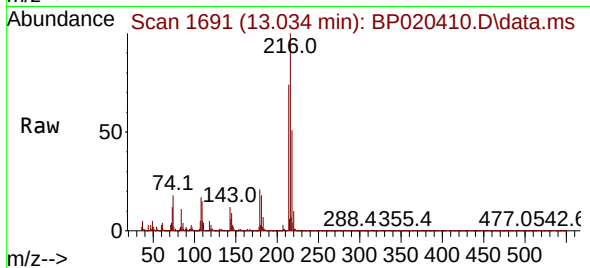
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	216	Resp:	37370
Ion Ratio	Lower	Upper	
216	100		
214	74.0	60.1	90.1
218	51.2	38.7	58.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#76

Pentachlorobenzene

Concen: 5.141 ng/uL

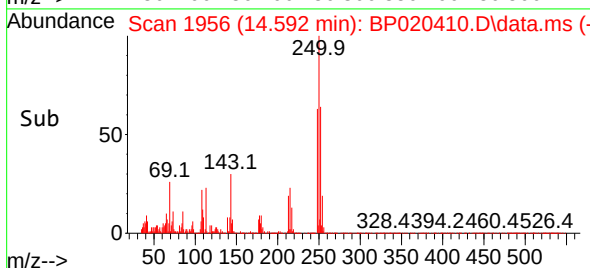
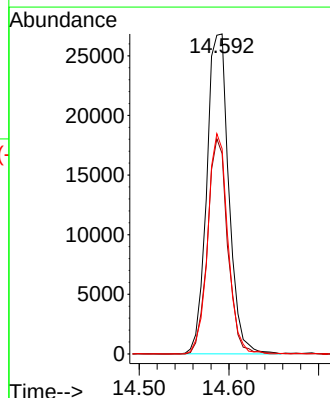
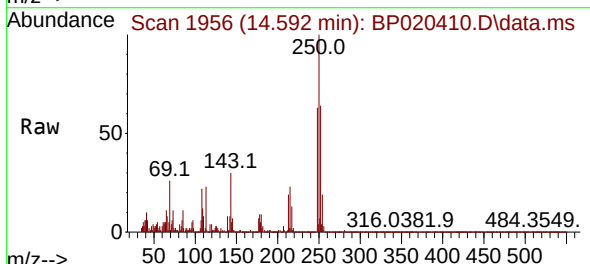
RT: 14.592 min Scan# 1956

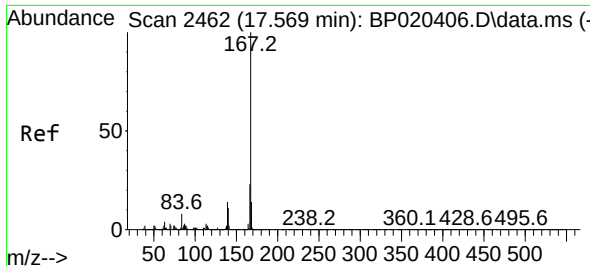
Delta R.T. -0.006 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Tgt Ion:	250	Resp:	45759
Ion Ratio	Lower	Upper	
250	100		
248	62.6	51.0	76.6
252	64.1	52.1	78.1





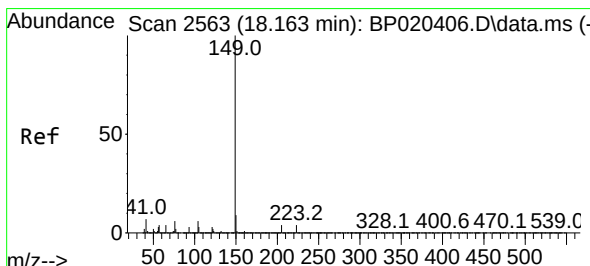
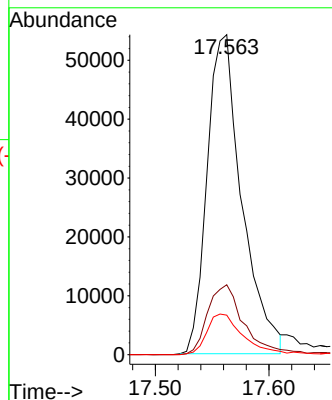
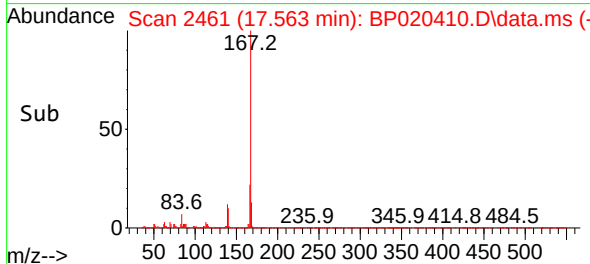
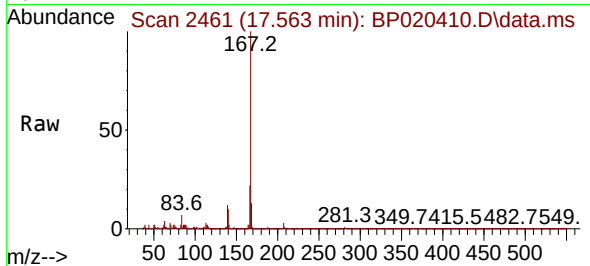
#77
 Carbazole
 Concen: 4.297 ng/ul
 RT: 17.563 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BP020410.D
 Acq: 16 May 2024 13:43

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:167 Resp: 114978
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.4 11.0 16.4

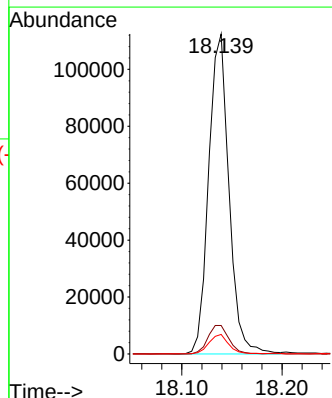
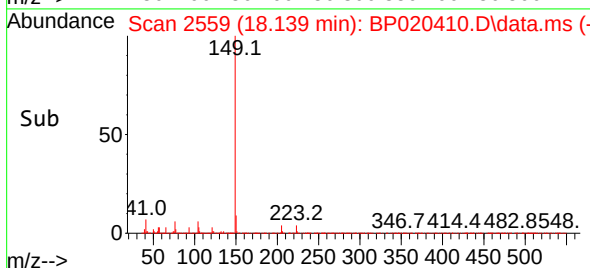
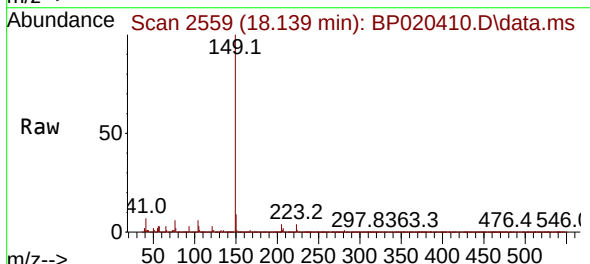
Manual Integrations
 APPROVED

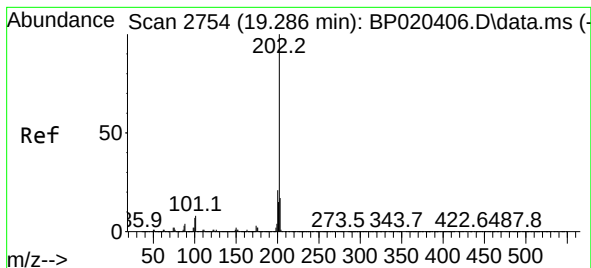
Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#78
 Di-n-butylphthalate
 Concen: 4.881 ng/ul
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.024 min
 Lab File: BP020410.D
 Acq: 16 May 2024 13:43

Tgt Ion:149 Resp: 158288
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 6.1 5.0 7.6





#80

Fluoranthene

Concen: 4.436 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

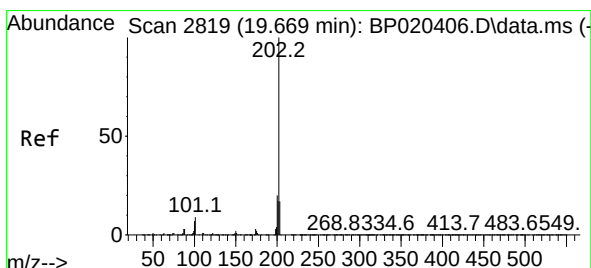
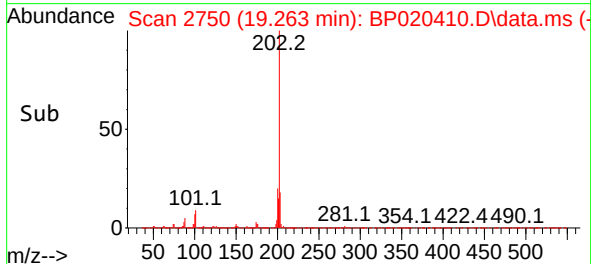
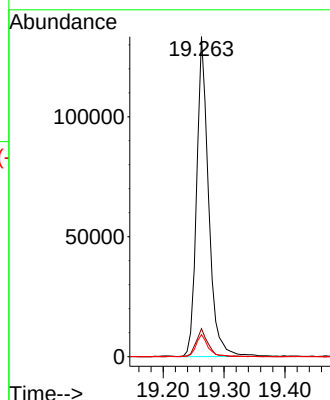
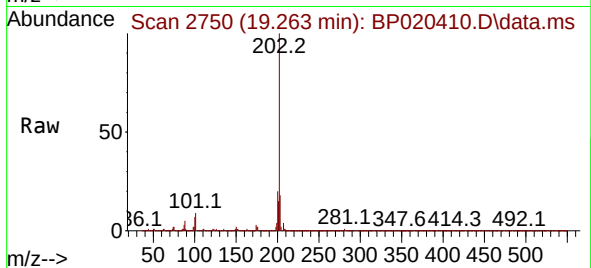
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	202	Resp:	18229
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.0	10.4
100	6.9	5.5	8.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#82

Pyrene

Concen: 4.517 ng/ul

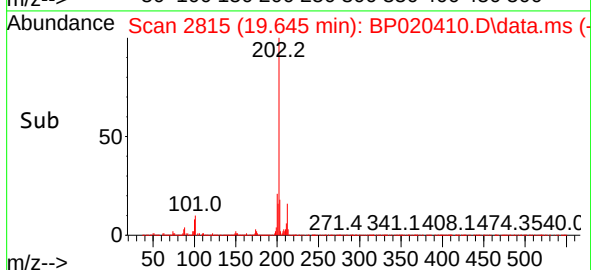
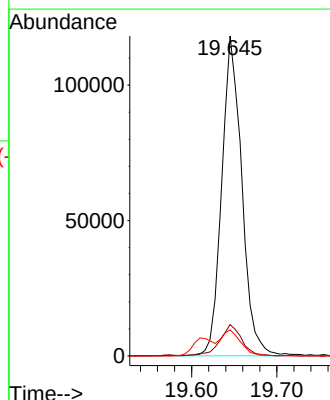
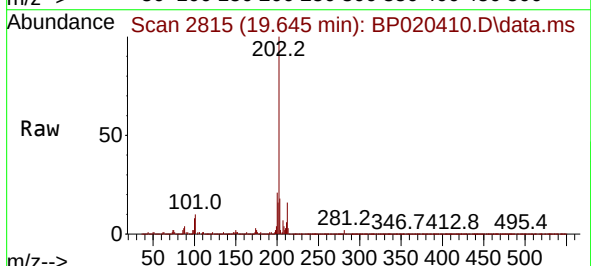
RT: 19.645 min Scan# 2815

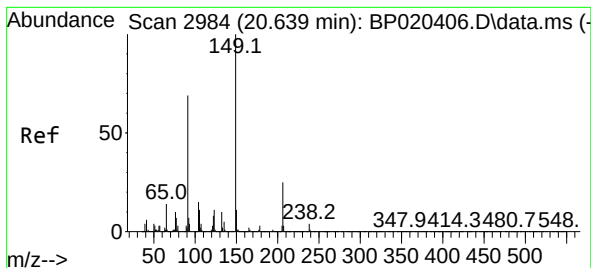
Delta R.T. -0.024 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Tgt Ion:	202	Resp:	193131
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.1	12.1
100	8.1	6.8	10.2





#83

Butylbenzylphthalate

Concen: 4.264 ng/ul

RT: 20.621 min Scan# 2984

Delta R.T. -0.018 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

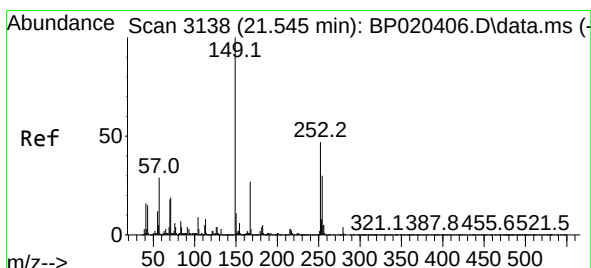
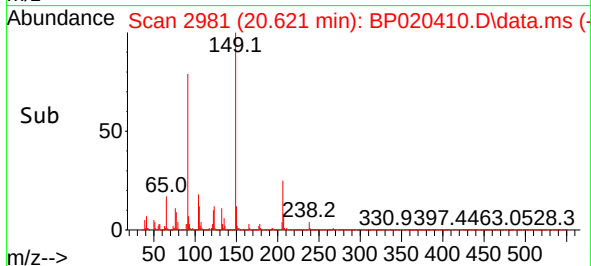
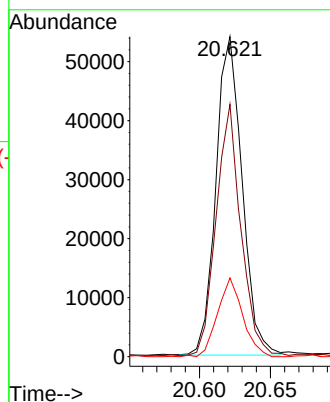
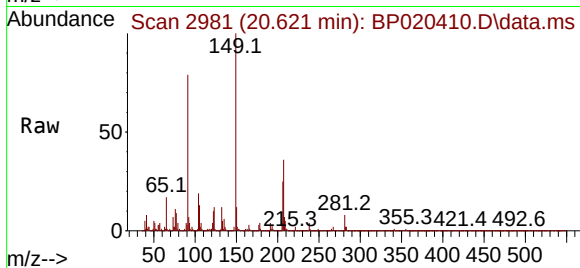
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	149	Resp:	69214
Ion Ratio	Lower	Upper	
149	100		
91	78.9	62.7	94.1
206	24.6	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.011 ng/ul

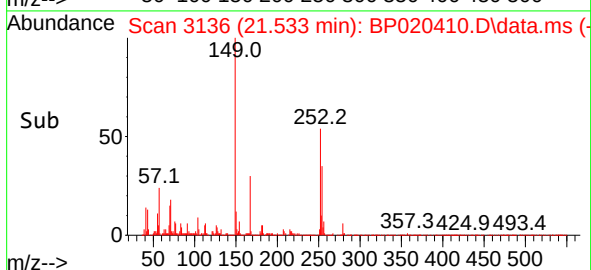
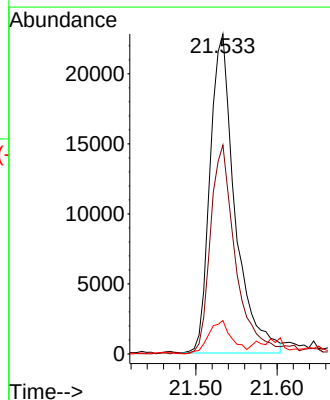
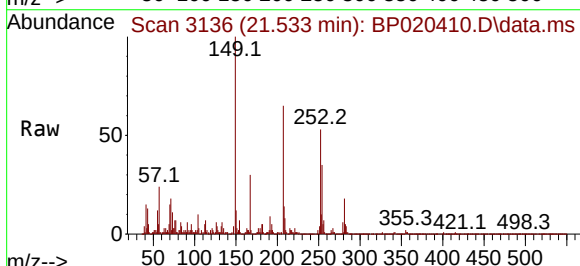
RT: 21.533 min Scan# 3136

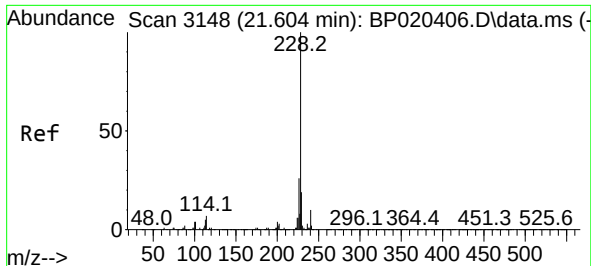
Delta R.T. -0.012 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

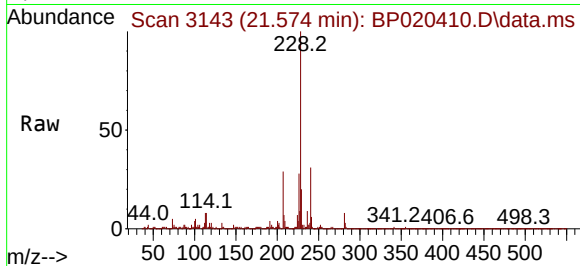
Tgt Ion:	252	Resp:	48762
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.2	75.4
126	10.5	7.3	10.9





#85
Benzo(a)anthracene
Concen: 4.714 ng/ul
RT: 21.574 min Scan# 3148
Delta R.T. -0.029 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

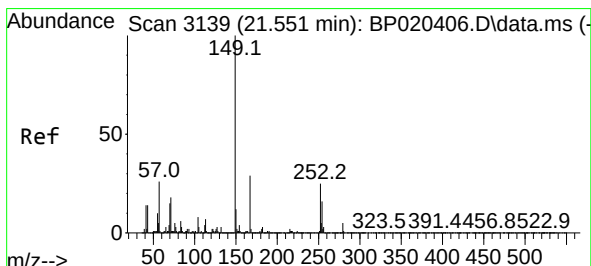
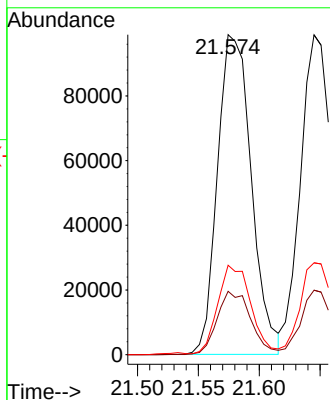
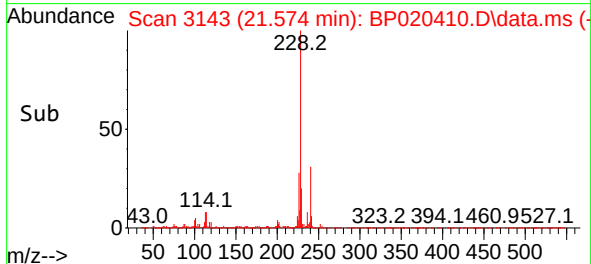
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:228 Resp: 19102
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.9 21.5 32.3

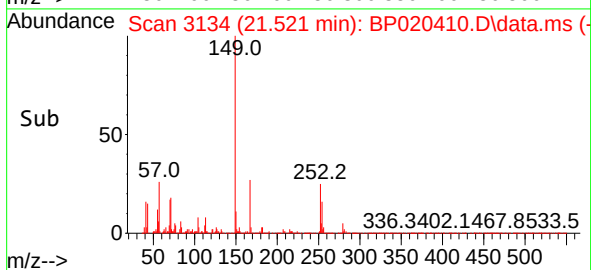
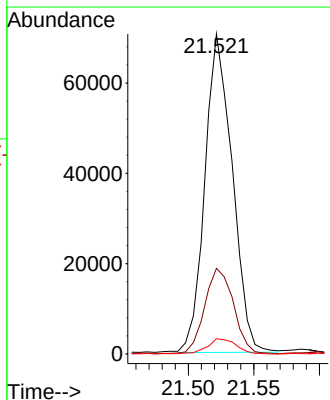
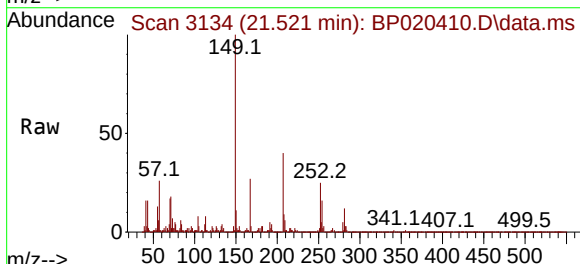
Manual Integrations
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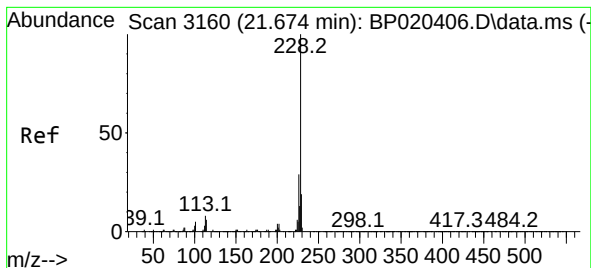
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.379 ng/ul
RT: 21.521 min Scan# 3134
Delta R.T. -0.029 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:149 Resp: 102549
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 4.7 3.4 5.2





#87

Chrysene

Concen: 4.831 ng/ul

RT: 21.645 min Scan# 3160

Delta R.T. -0.029 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

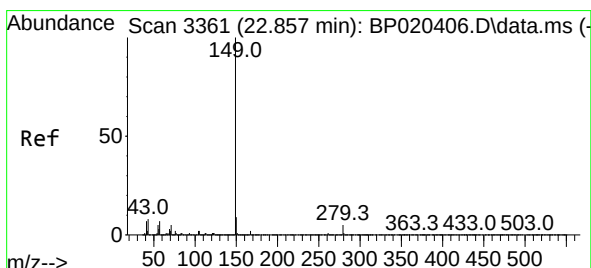
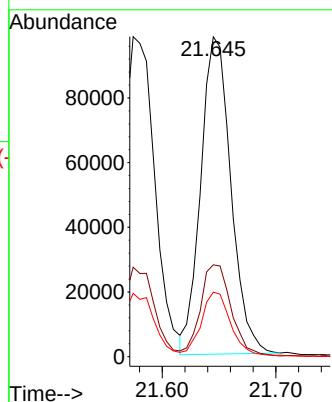
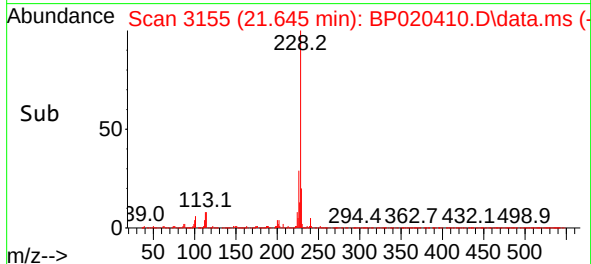
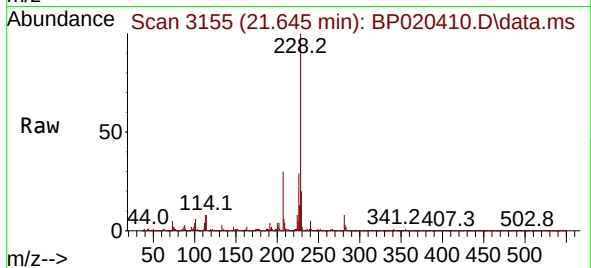
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:228 Resp: 181440
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.2 36.4
 229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#89

Di-n-octyl phthalate

Concen: 4.137 ng/ul

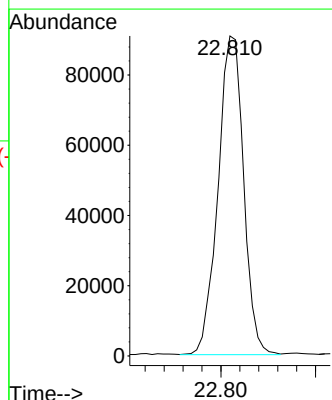
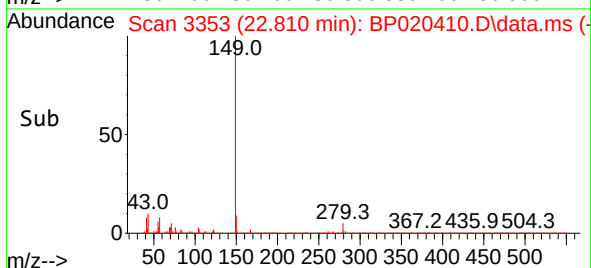
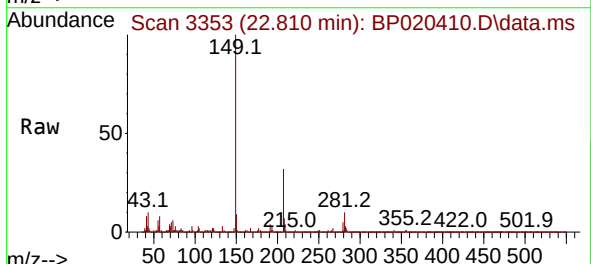
RT: 22.810 min Scan# 3353

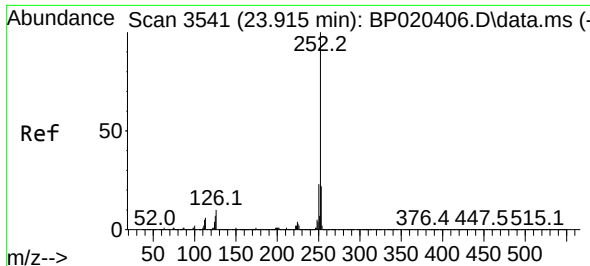
Delta R.T. -0.047 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

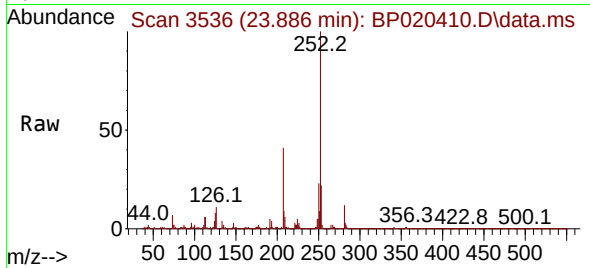
Tgt Ion:149 Resp: 170527





#90
Benzo(b)fluoranthene
Concen: 4.649 ng/ul
RT: 23.886 min Scan# 3536
Delta R.T. -0.029 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

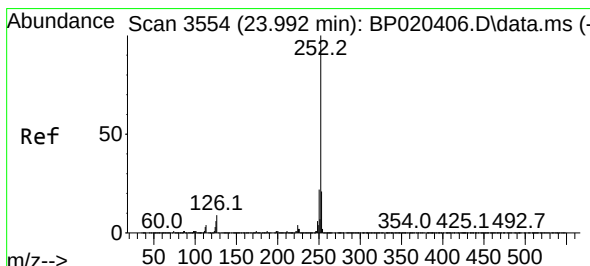
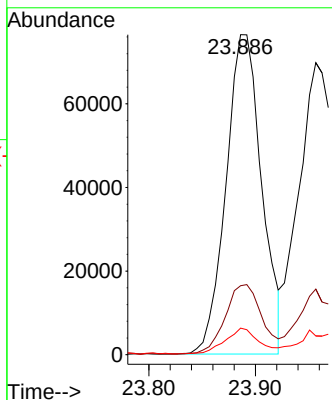
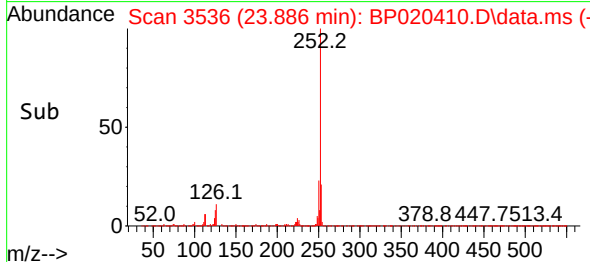
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:252 Resp: 17798
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 8.3 6.2 9.2

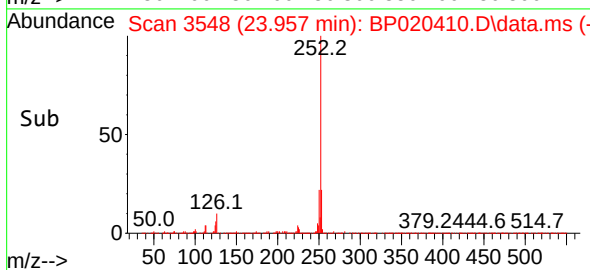
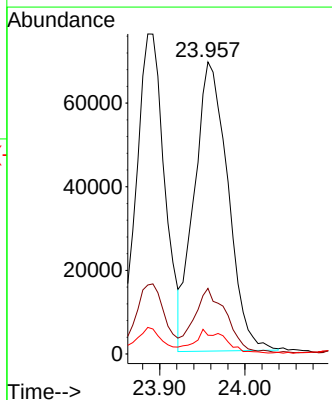
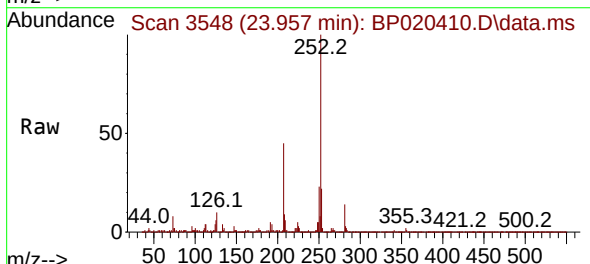
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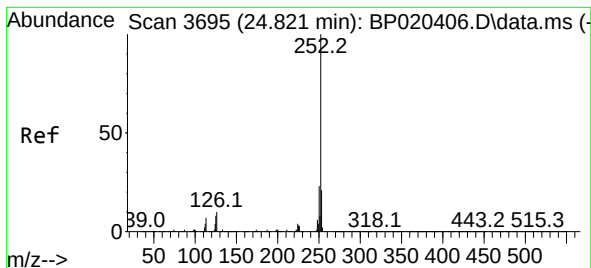
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#91
Benzo(k)fluoranthene
Concen: 4.847 ng/ul
RT: 23.957 min Scan# 3548
Delta R.T. -0.035 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:252 Resp: 189113
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 6.4 5.6 8.4





#93

Benzo(a)pyrene

Concen: 4.535 ng/ul

RT: 24.792 min Scan# 3690

Delta R.T. -0.029 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Instrument :

BNA_P

ClientSampleId :

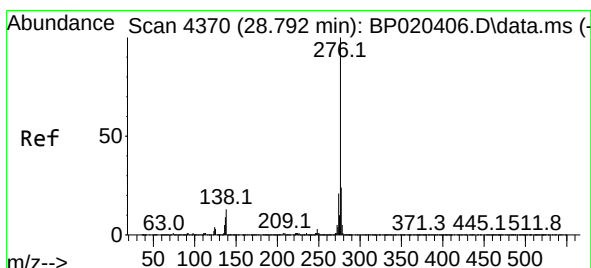
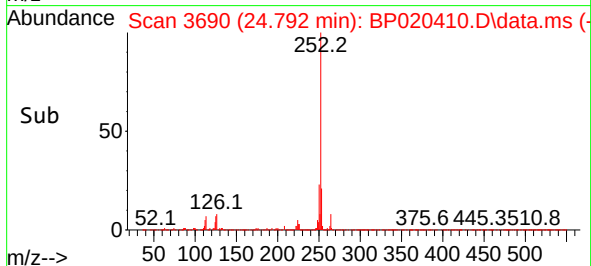
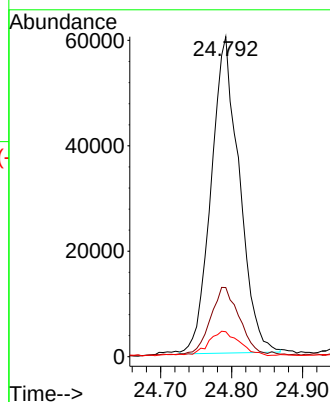
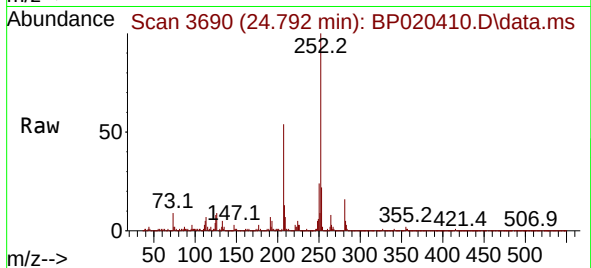
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	252	Resp:	16521
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	7.8	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.571 ng/ul m

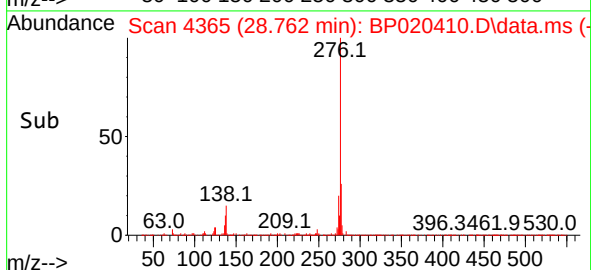
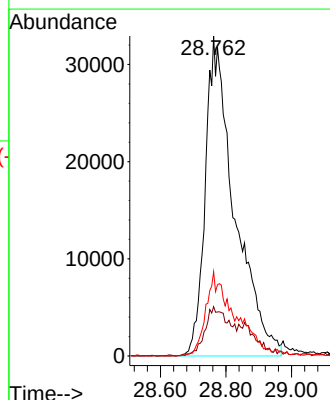
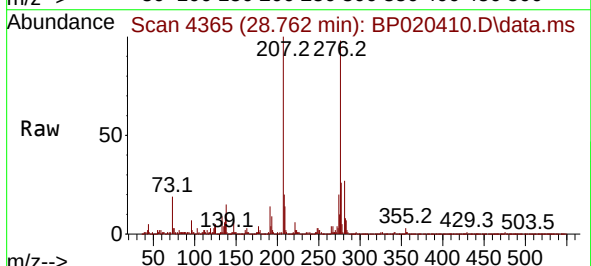
RT: 28.762 min Scan# 4365

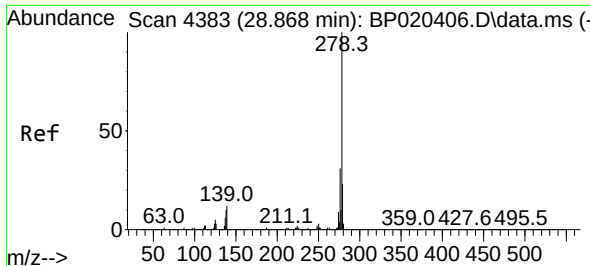
Delta R.T. -0.029 min

Lab File: BP020410.D

Acq: 16 May 2024 13:43

Tgt Ion:	276	Resp:	204107
Ion Ratio	Lower	Upper	
276	100		
138	15.4	12.3	18.5
277	26.3	19.0	28.4





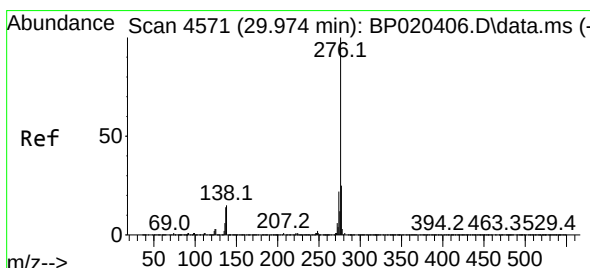
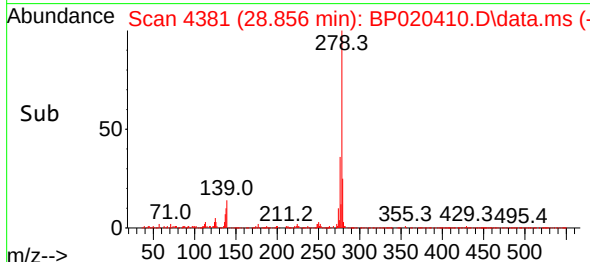
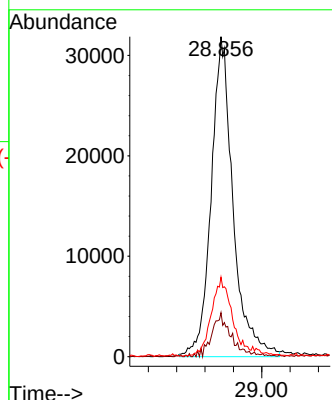
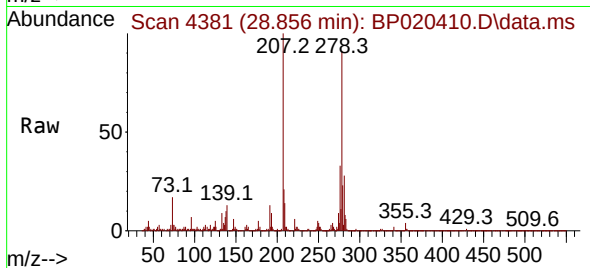
#95
Dibenzo(a,h)anthracene
Concen: 4.630 ng/ul m
RT: 28.856 min Scan# 4381
Delta R.T. -0.012 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:278 Resp: 17101
Ion Ratio Lower Upper
278 100
139 13.8 10.2 15.2
279 24.8 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#96
Benzo(g,h,i)perylene
Concen: 4.678 ng/ul m
RT: 29.945 min Scan# 4566
Delta R.T. -0.029 min
Lab File: BP020410.D
Acq: 16 May 2024 13:43

Tgt Ion:276 Resp: 168491
Ion Ratio Lower Upper
276 100
138 15.1 11.6 17.4
277 23.9 19.4 29.0

