

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021510.D
 Acq On : 15 Aug 2024 12:00
 Operator : RC/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-8ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Aug 15 12:32:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	348397	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1431294	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	899064	20.000	ng	-0.02
64) Phenanthrene-d10	17.234	188	1859893	20.000	ng	-0.02
76) Chrysene-d12	21.692	240	1598210	20.000	ng	0.00
86) Perylene-d12	25.086	264	1686397	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3120628	133.001	ng	0.00
7) Phenol-d6	6.964	99	4443051	129.809	ng	0.00
23) Nitrobenzene-d5	8.952	82	2806192	101.196	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1253189	125.241	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5279194	89.614	ng	0.00
79) Terphenyl-d14	19.963	244	6909177	83.986	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	96793	8.700	ng	99
3) Pyridine	3.705	79	228724	7.365	ng	99
4) n-Nitrosodimethylamine	3.617	42	81277	8.707	ng	# 95
6) Aniline	7.128	93	333732	9.753	ng	100
8) 2-Chlorophenol	7.369	128	180352	8.318	ng	95
9) Benzaldehyde	6.946	77	224834	10.259	ng	97
10) Phenol	6.987	94	290801	8.205	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	243964	8.135	ng	99
12) 1,3-Dichlorobenzene	7.693	146	208014	8.076	ng	99
13) 1,4-Dichlorobenzene	7.840	146	211253	8.123	ng	99
14) 1,2-Dichlorobenzene	8.158	146	200612	8.004	ng	99
15) Benzyl Alcohol	8.028	79	199960	8.142	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	227980	8.255	ng	99
17) 2-Methylphenol	8.234	107	175180	7.818	ng	98
18) Hexachloroethane	8.887	117	82791	7.939	ng	98
19) n-Nitroso-di-n-propyla...	8.605	70	185756	7.857	ng	98
20) 3+4-Methylphenols	8.558	107	229256	7.588	ng	99
22) Acetophenone	8.616	105	368653	8.384	ng	# 98
24) Nitrobenzene	8.987	77	272167	9.037	ng	100
25) Isophorone	9.516	82	515459	7.868	ng	98
26) 2-Nitrophenol	9.699	139	46986	10.502	ng	96
27) 2,4-Dimethylphenol	9.757	122	125930	7.789	ng	94
28) bis(2-Chloroethoxy)met...	9.993	93	317641	7.943	ng	99
29) 2,4-Dichlorophenol	10.234	162	148420	7.770	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	191464	7.818	ng	98
31) Naphthalene	10.640	128	611705	8.181	ng	99
32) Benzoic acid	9.805	122	43308	8.761	ng	94
33) 4-Chloroaniline	10.740	127	240729	8.571	ng	99
34) Hexachlorobutadiene	10.940	225	116502	7.555	ng	98
35) Caprolactam	11.475	113	55686	7.004	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	195995	7.397	ng	99
37) 2-Methylnaphthalene	12.251	142	394686	7.734	ng	98
38) 1-Methylnaphthalene	12.469	142	378001	7.510	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	222437	8.444	ng	99
41) Hexachlorocyclopentadiene	12.604	237	64469	7.722	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	107051	7.316	ng	98

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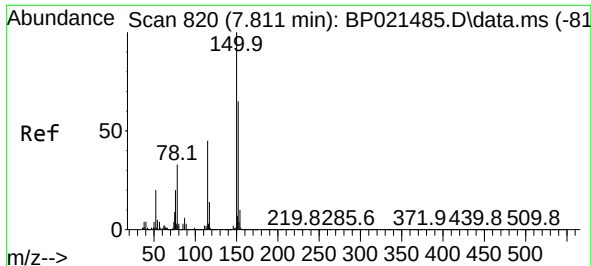
Quant Time: Aug 15 12:32:54 2024
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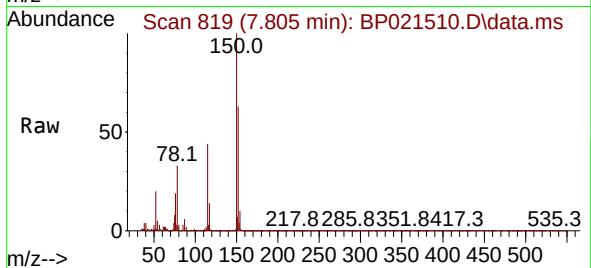
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	124943	7.685	ng	99
46) 1,1'-Biphenyl	13.263	154	530288	8.337	ng	99
47) 2-Chloronaphthalene	13.304	162	409192	8.263	ng	99
48) 2-Nitroaniline	13.498	65	90094	10.942	ng	96
49) Acenaphthylene	14.157	152	645598	8.868	ng	99
50) Dimethylphthalate	13.893	163	484634	8.049	ng	99
51) 2,6-Dinitrotoluene	13.998	165	76709	9.776	ng	93
52) Acenaphthene	14.498	154	387039	8.103	ng	99
53) 3-Nitroaniline	14.322	138	82155	10.280	ng	# 91
54) 2,4-Dinitrophenol	14.528	184	18101	9.891	ng	# 57
55) Dibenzofuran	14.840	168	622663	8.474	ng	98
56) 4-Nitrophenol	14.622	139	57115	10.435	ng	92
57) 2,4-Dinitrotoluene	14.793	165	86096	10.012	ng	97
58) Fluorene	15.498	166	493034	8.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	103470	7.498	ng	# 97
60) Diethylphthalate	15.269	149	464770	7.523	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	247426	7.929	ng	100
62) 4-Nitroaniline	15.498	138	84117	9.369	ng	95
63) Azobenzene	15.798	77	619463	8.157	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	25868	10.310	ng	97
66) n-Nitrosodiphenylamine	15.716	169	413298	8.292	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	137670	6.994	ng	100
68) Hexachlorobenzene	16.522	284	180260	7.749	ng	96
69) Atrazine	16.681	200	128587	7.514	ng	98
70) Pentachlorophenol	16.869	266	66879	5.267	ng	97
71) Phenanthrene	17.281	178	758889	8.484	ng	99
72) Anthracene	17.369	178	710695	8.102	ng	100
73) Carbazole	17.639	167	666339	7.882	ng	99
74) Di-n-butylphthalate	18.257	149	653333	6.293	ng	99
75) Fluoranthene	19.363	202	809086	7.372	ng	99
77) Benzidine	19.557	184	261713	10.033	ng	97
78) Pyrene	19.739	202	859710	8.230	ng	100
80) Butylbenzylphthalate	20.698	149	181762	7.843	ng	93
81) Benzo(a)anthracene	21.674	228	806668	8.040	ng	99
82) 3,3'-Dichlorobenzidine	21.592	252	233999	7.274	ng	99
83) Chrysene	21.745	228	760307	8.026	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	329416	5.555	ng	98
85) Di-n-octyl phthalate	22.945	149	400870	8.297	ng	96
87) Indeno(1,2,3-cd)pyrene	28.939	276	827763m	7.572	ng	
88) Benzo(b)fluoranthene	24.021	252	732541	7.563	ng	98
89) Benzo(k)fluoranthene	24.092	252	730481	7.731	ng	99
90) Benzo(a)pyrene	24.927	252	648420	7.715	ng	99
91) Dibenzo(a,h)anthracene	29.027	278	693704	7.638	ng	100
92) Benzo(g,h,i)perylene	30.139	276	679547	7.465	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

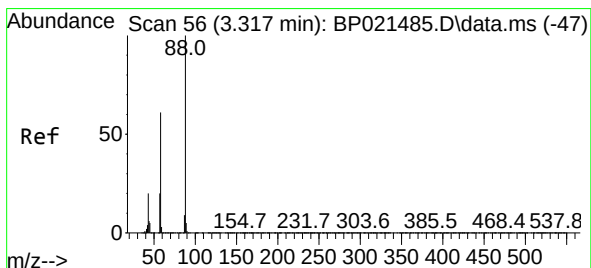
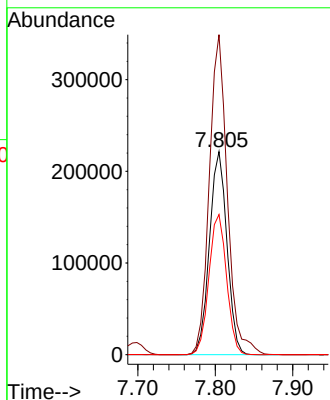
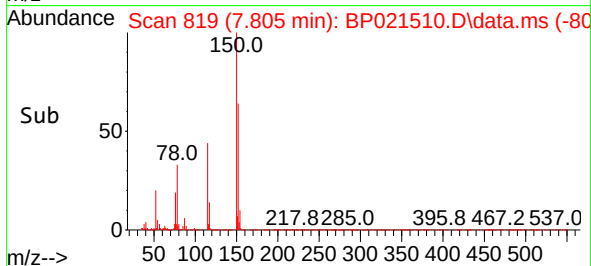
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:152 Resp: 34839
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 69.0 54.7 82.1

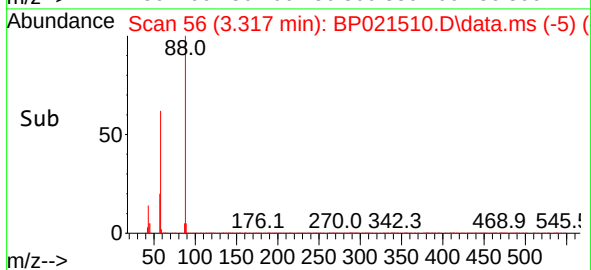
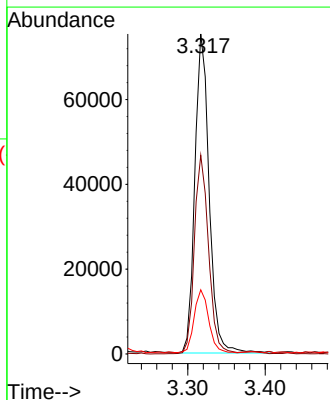
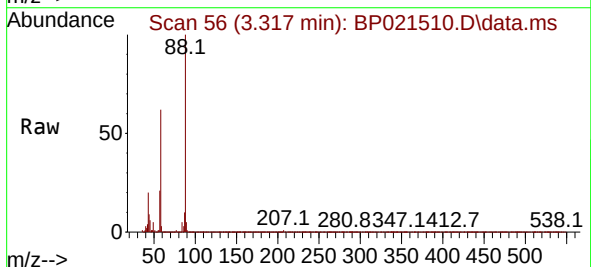
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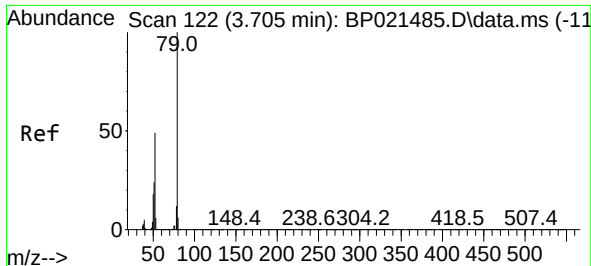
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#2
1,4-Dioxane
Concen: 8.700 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion: 88 Resp: 96793
Ion Ratio Lower Upper
88 100
58 61.6 48.7 73.1
43 20.0 15.4 23.2





#3

Pyridine

Concen: 7.365 ng

RT: 3.705 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

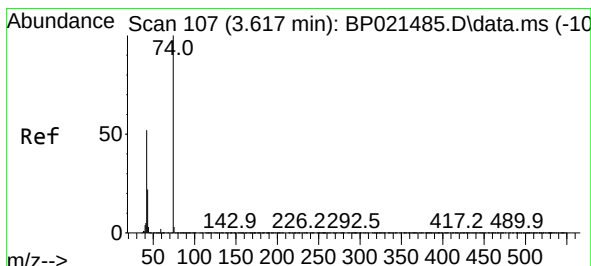
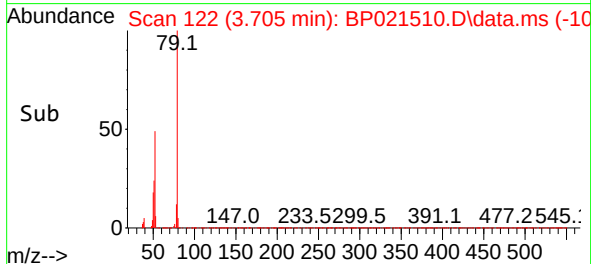
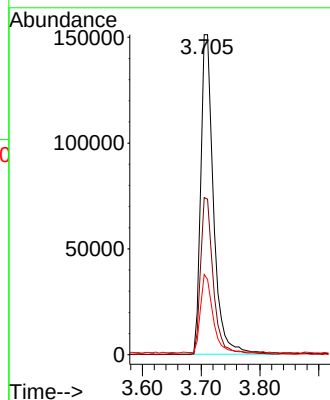
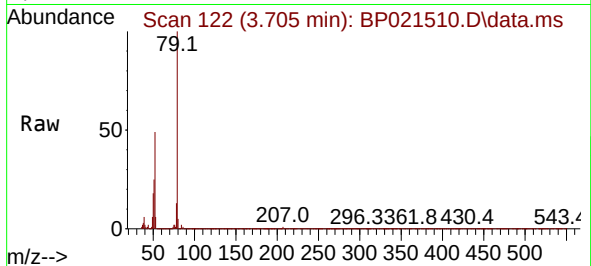
ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 79	Resp: 228724
Ion Ratio	Lower Upper
79 100	
52 49.1	39.0 58.6
51 25.1	19.2 28.8

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#4

n-Nitrosodimethylamine

Concen: 8.707 ng

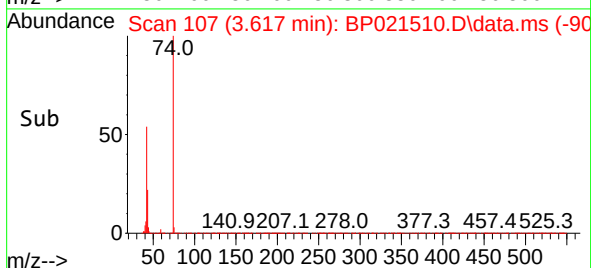
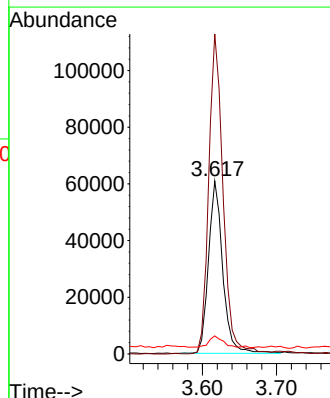
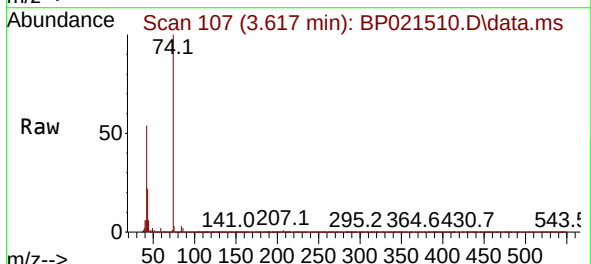
RT: 3.617 min Scan# 107

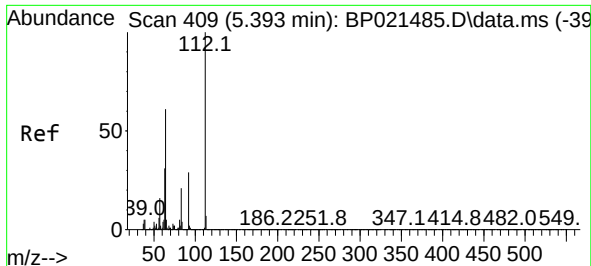
Delta R.T. -0.000 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion: 42	Resp: 81277
Ion Ratio	Lower Upper
42 100	
74 185.0	154.3 231.5
44 10.4	6.2 9.4





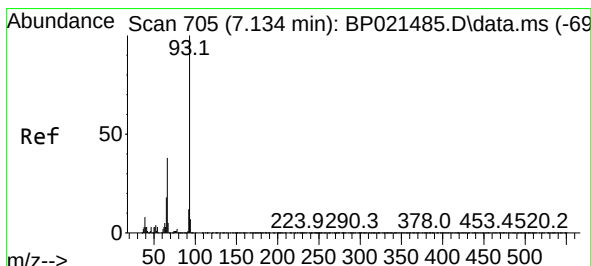
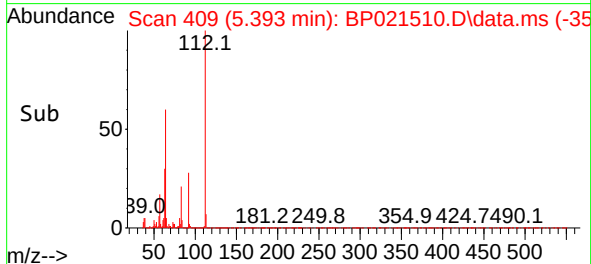
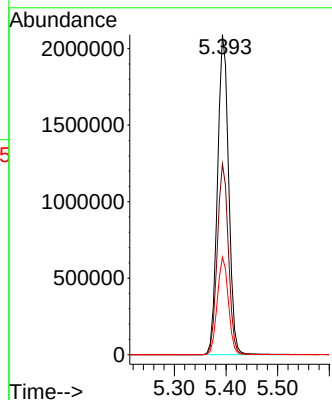
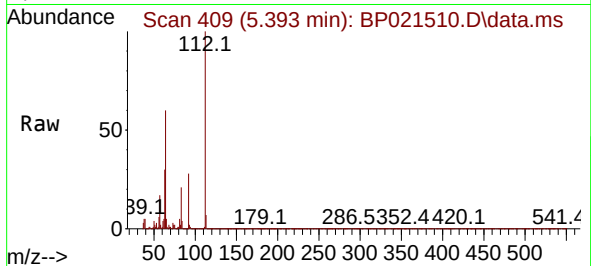
#5
2-Fluorophenol
Concen: 133.001 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:112 Resp: 3120628
Ion Ratio Lower Upper
112 100
64 59.6 49.0 73.6
63 30.4 24.6 36.8

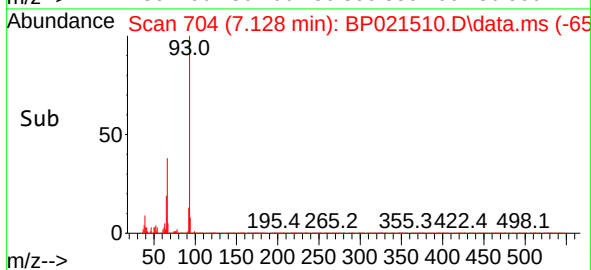
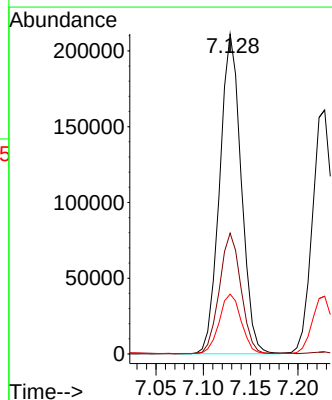
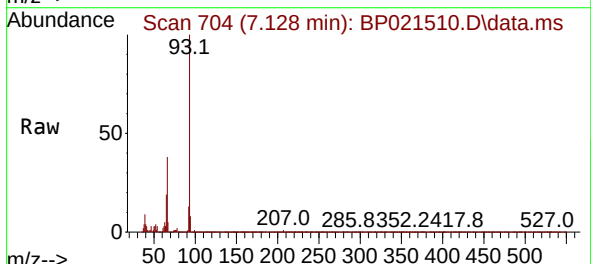
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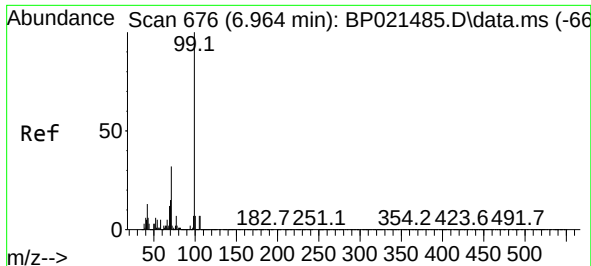
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#6
Aniline
Concen: 9.753 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion: 93 Resp: 333732
Ion Ratio Lower Upper
93 100
66 37.7 30.2 45.2
65 18.7 14.7 22.1





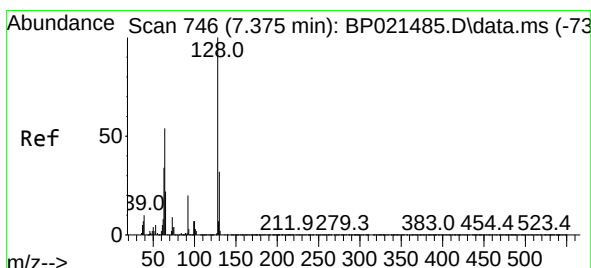
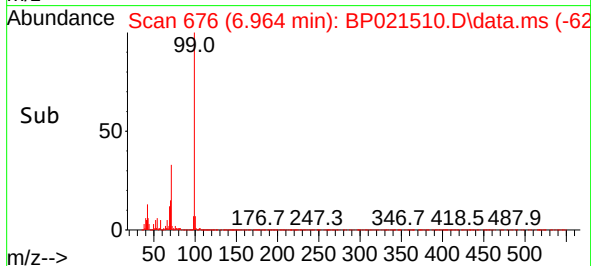
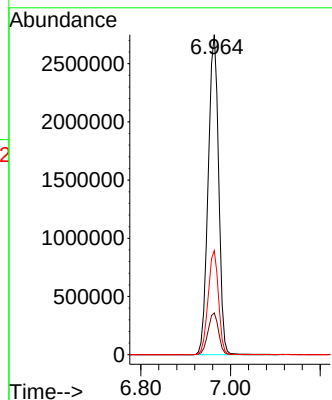
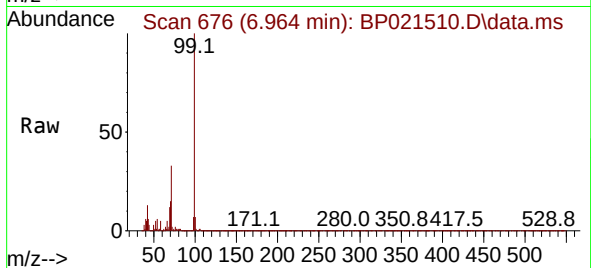
#7
Phenol-d6
Concen: 129.809 ng
RT: 6.964 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

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MDL-SOIL-03-QT3-2024

Tgt Ion: 99 Resp: 444305
Ion Ratio Lower Upper
99 100
42 13.0 10.2 15.4
71 32.5 25.8 38.8

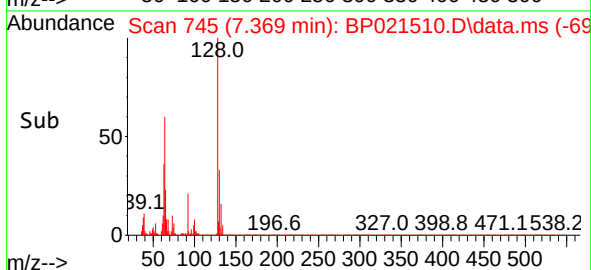
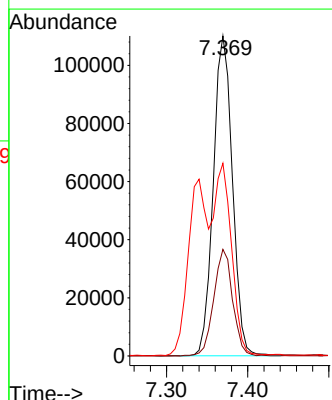
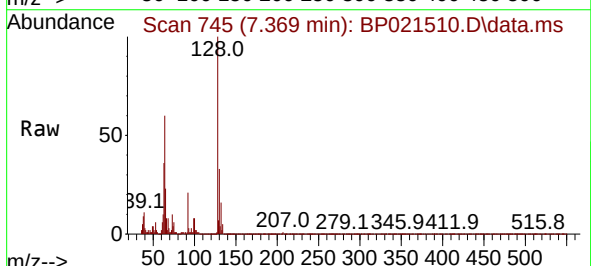
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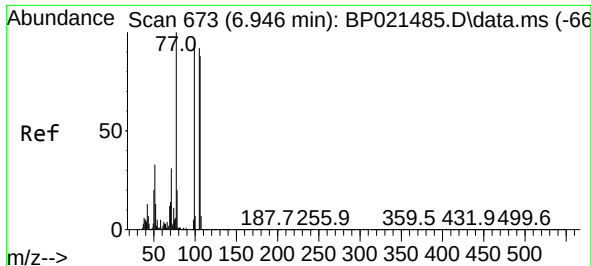
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#8
2-Chlorophenol
Concen: 8.318 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:128 Resp: 180352
Ion Ratio Lower Upper
128 100
130 33.3 11.6 51.6
64 60.2 35.3 75.3





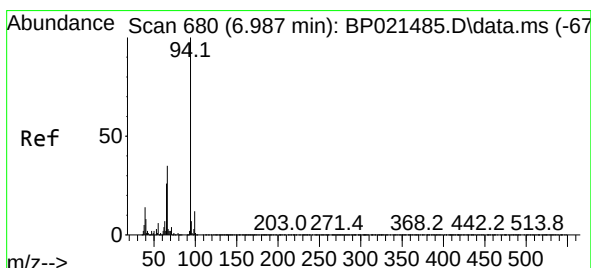
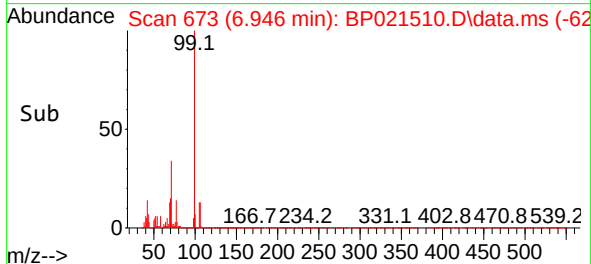
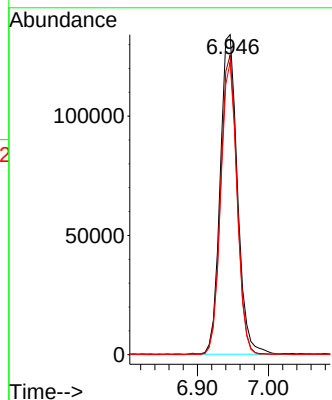
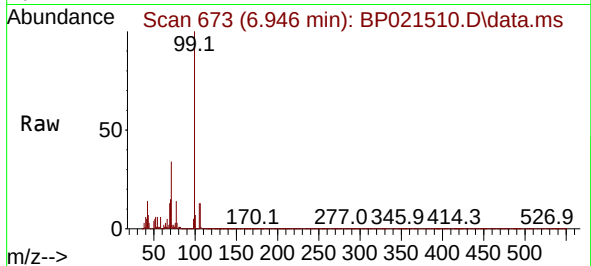
#9
Benzaldehyde
Concen: 10.259 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 77 Resp: 224834
Ion Ratio Lower Upper
77 100
105 93.6 72.1 112.1
106 91.4 67.9 107.9

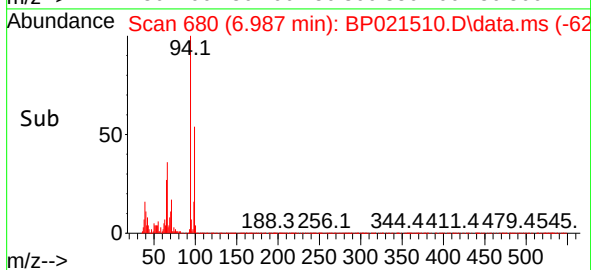
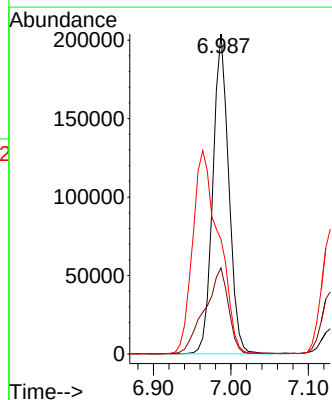
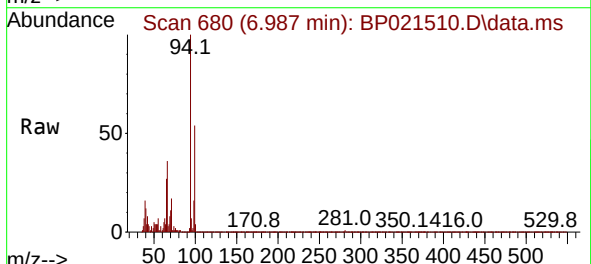
Manual Integrations
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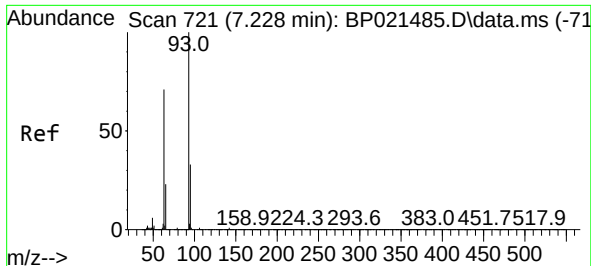
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#10
Phenol
Concen: 8.205 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

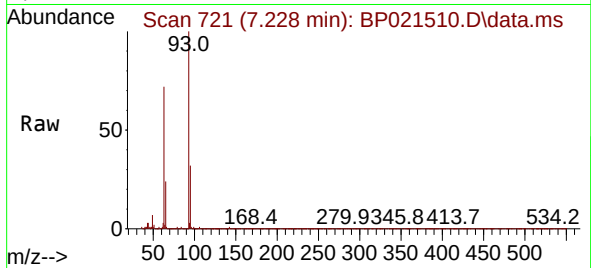
Tgt Ion: 94 Resp: 290801
Ion Ratio Lower Upper
94 100
65 26.9 6.5 46.5
66 35.9 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 8.135 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

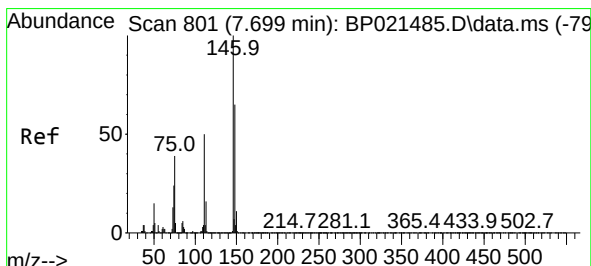
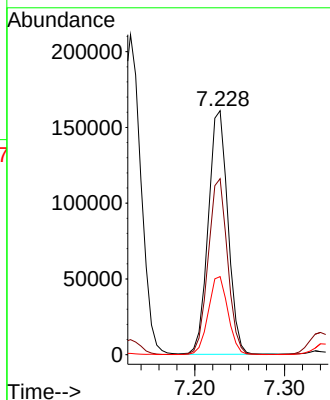
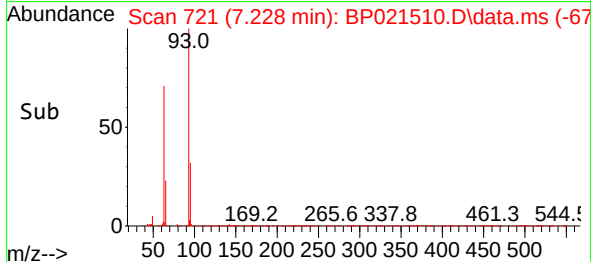
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



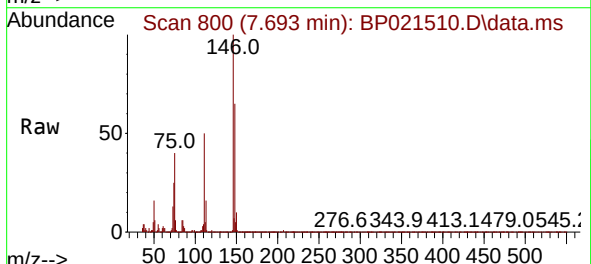
Tgt Ion: 93 Resp: 243964
Ion Ratio Lower Upper
93 100
63 72.1 51.0 91.0
95 32.0 12.9 52.9

Manual Integrations
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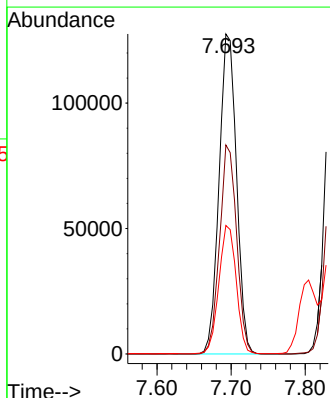
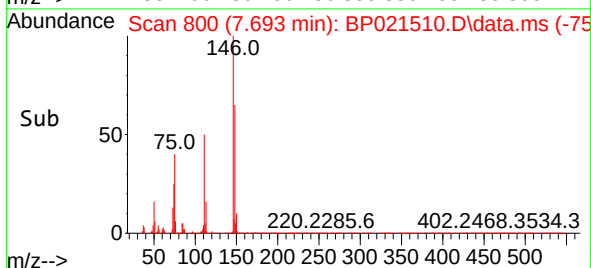
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

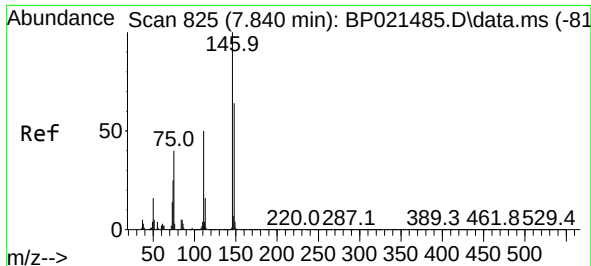


#12
1,3-Dichlorobenzene
Concen: 8.076 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



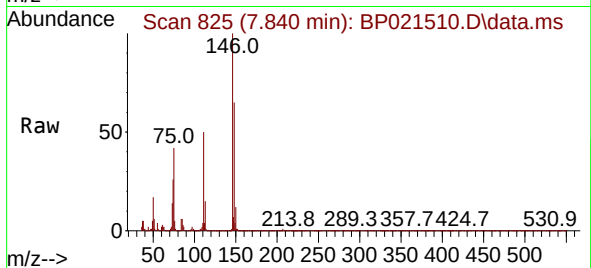
Tgt Ion:146 Resp: 208014
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
75 40.1 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 8.123 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

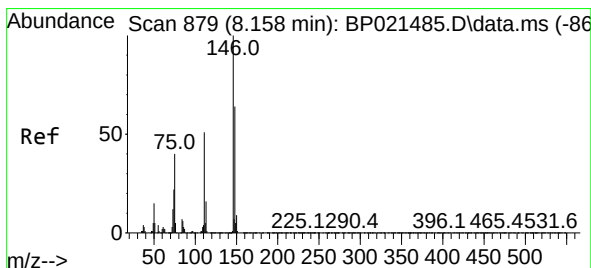
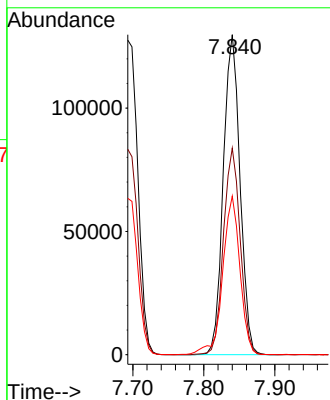
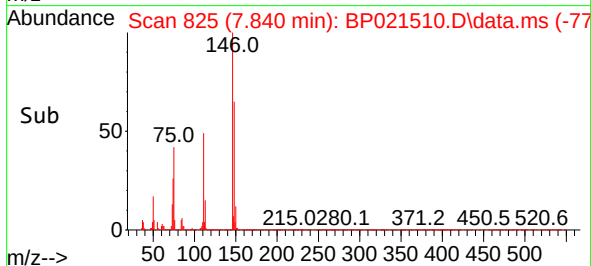
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:146 Resp: 21125
Ion Ratio Lower Upper
146 100
148 64.6 51.5 77.3
111 49.6 40.3 60.5

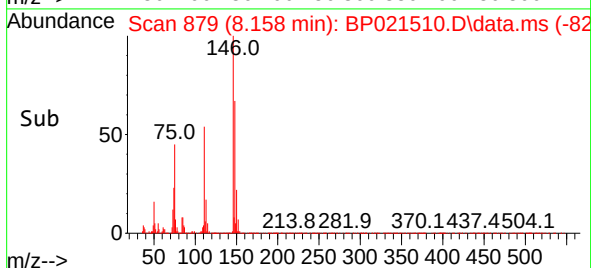
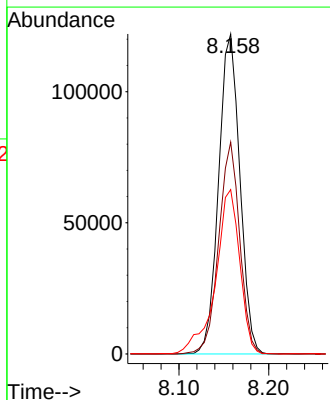
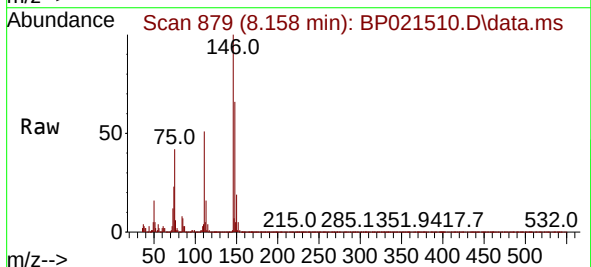
Manual Integrations
APPROVED

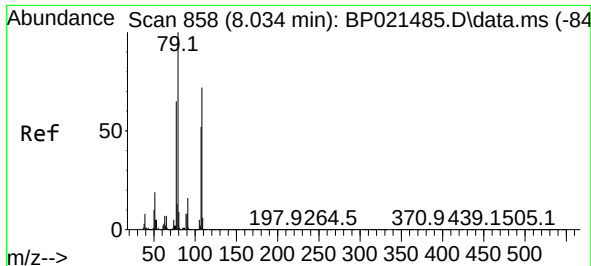
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14
1,2-Dichlorobenzene
Concen: 8.004 ng
RT: 8.158 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

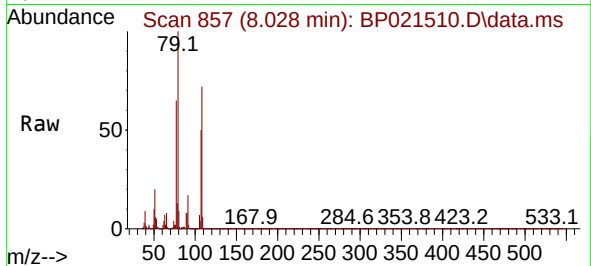
Tgt Ion:146 Resp: 200612
Ion Ratio Lower Upper
146 100
148 66.2 51.5 77.3
111 51.4 41.1 61.7





#15
Benzyl Alcohol
Concen: 8.142 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

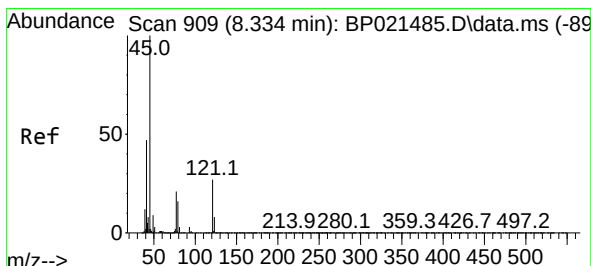
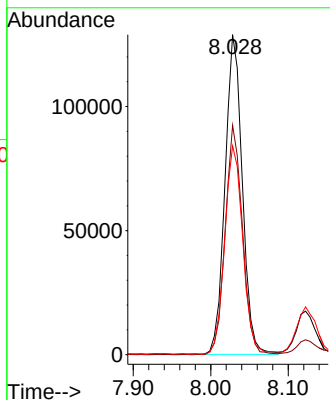
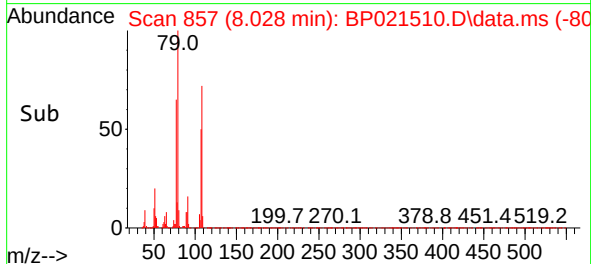
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 79 Resp: 199960
Ion Ratio Lower Upper
79 100
108 71.7 57.9 86.9
77 65.2 51.8 77.8

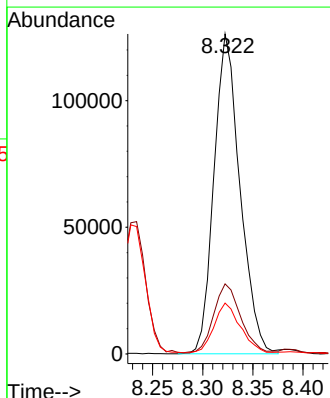
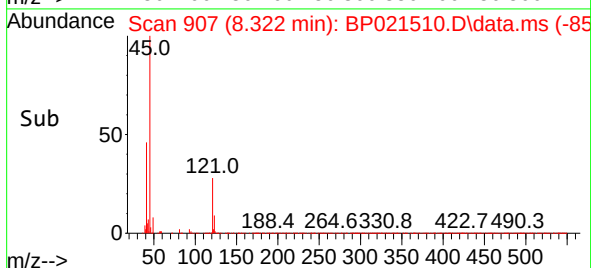
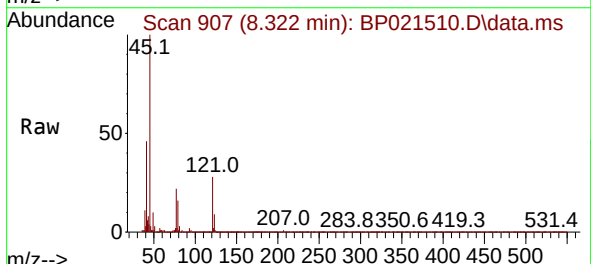
Manual Integrations
APPROVED

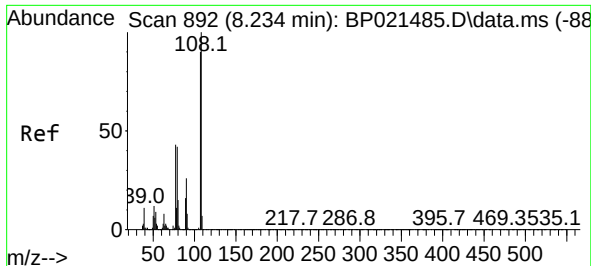
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.255 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

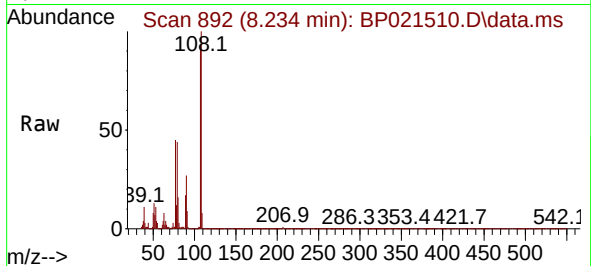
Tgt Ion: 45 Resp: 227980
Ion Ratio Lower Upper
45 100
77 21.9 1.9 41.9
79 15.9 0.0 36.6





#17
2-Methylphenol
Concen: 7.818 ng
RT: 8.234 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

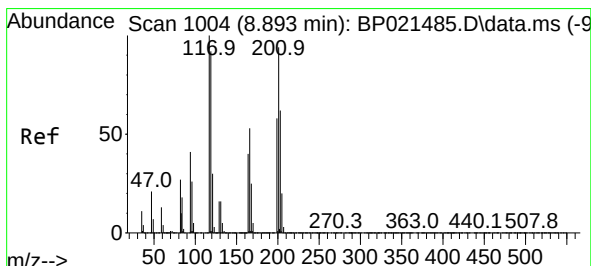
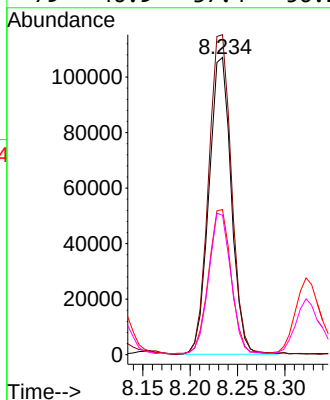
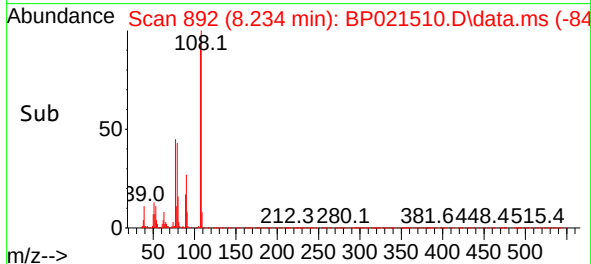
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.6	88.8	133.2
77	48.8	38.7	58.1
79	46.9	37.4	56.2

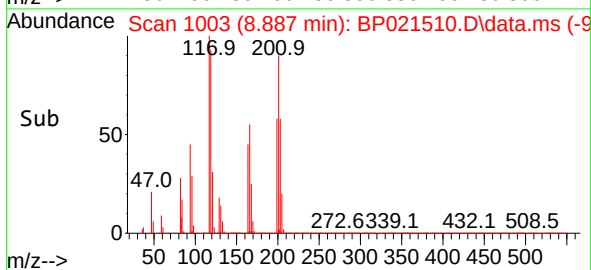
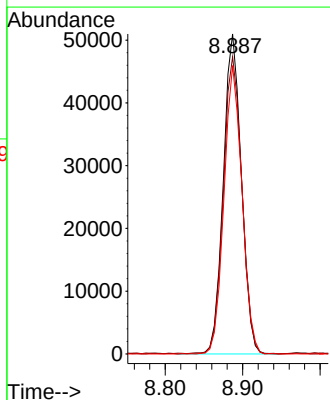
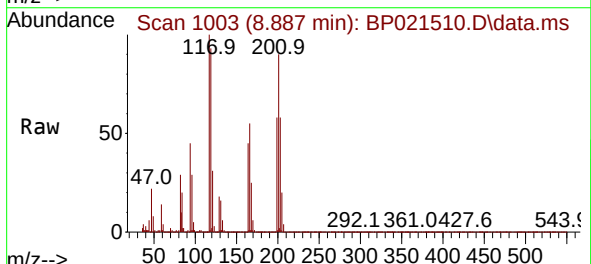
Manual Integrations
APPROVED

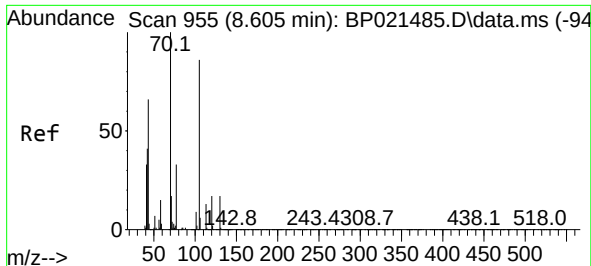
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#18
Hexachloroethane
Concen: 7.939 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

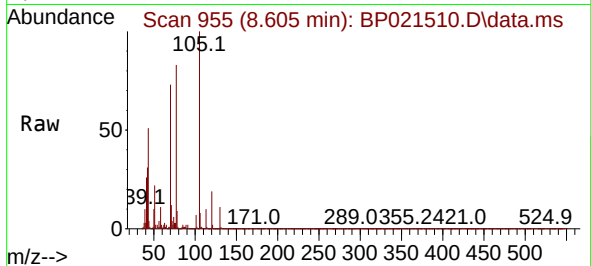
Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.9	110.9
201	90.1	74.9	112.3





#19
n-Nitroso-di-n-propylamine
Concen: 7.857 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

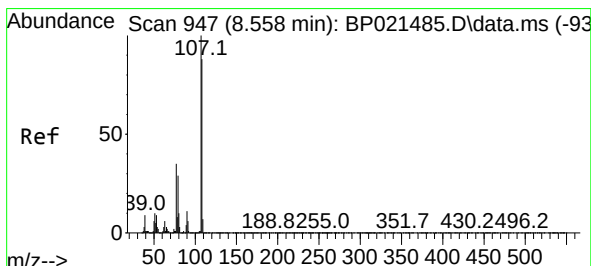
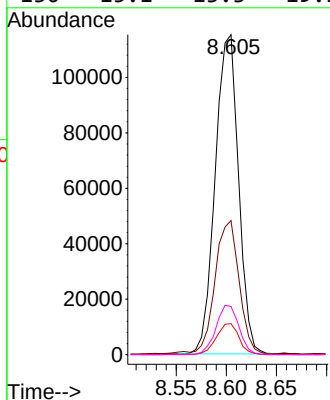
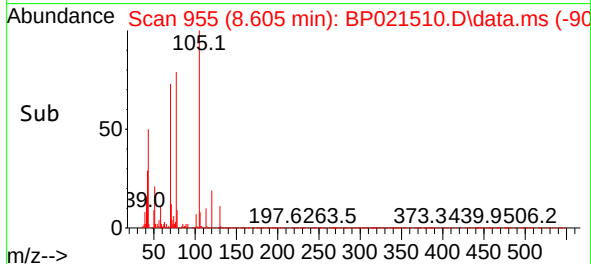
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



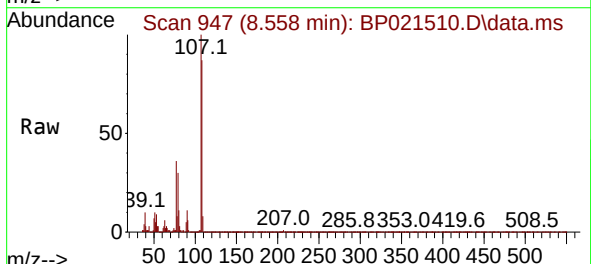
Tgt Ion: 70 Resp: 185750
Ion Ratio Lower Upper
70 100
42 41.9 33.1 49.7
101 9.7 7.4 11.2
130 15.1 13.3 19.9

Manual Integrations
APPROVED

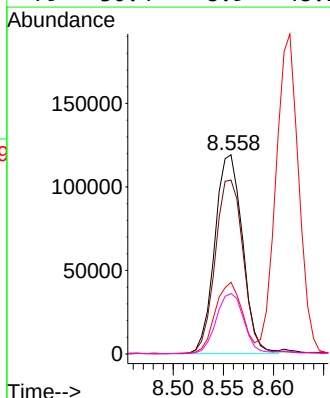
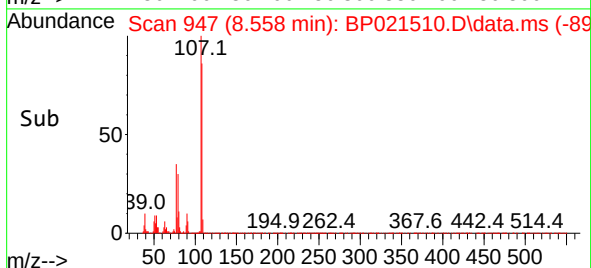
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

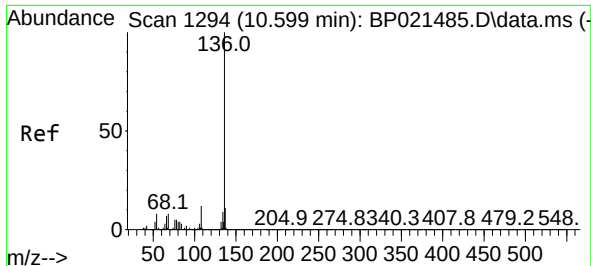


#20
3+4-Methylphenols
Concen: 7.588 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



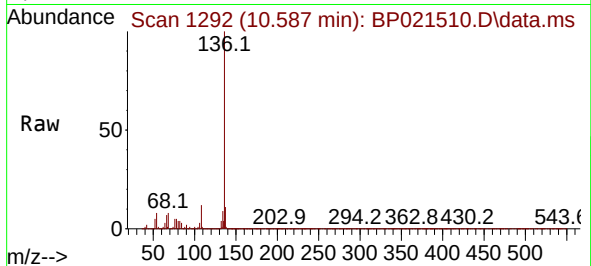
Tgt Ion:107 Resp: 229256
Ion Ratio Lower Upper
107 100
108 87.3 67.6 107.6
77 36.0 15.0 55.0
79 30.4 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

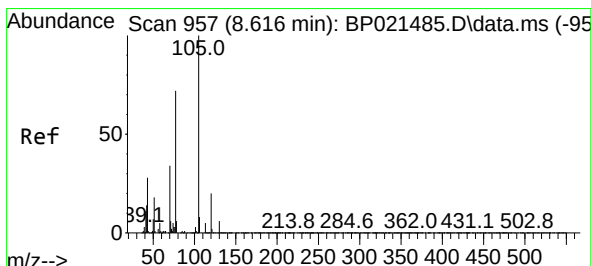
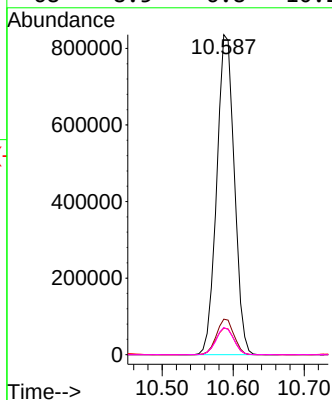
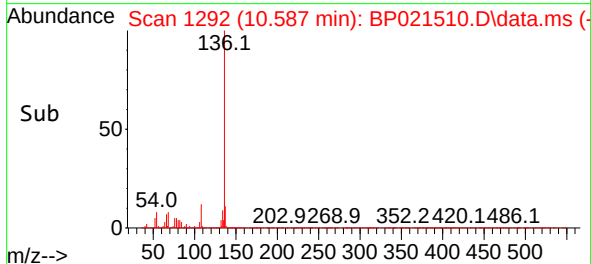
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:136 Resp: 1431294
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 6.3 9.5
68 8.5 6.8 10.2

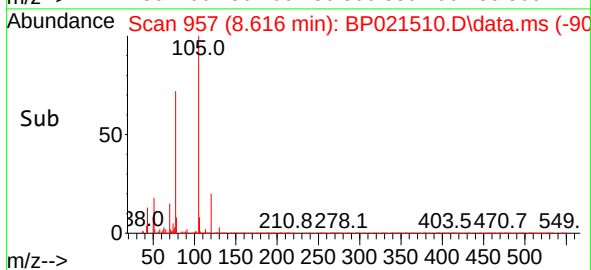
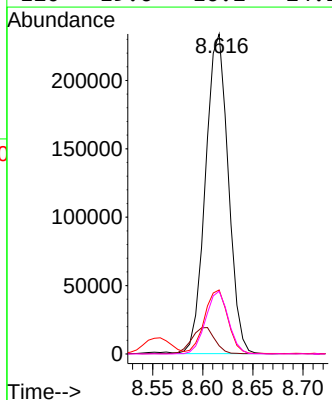
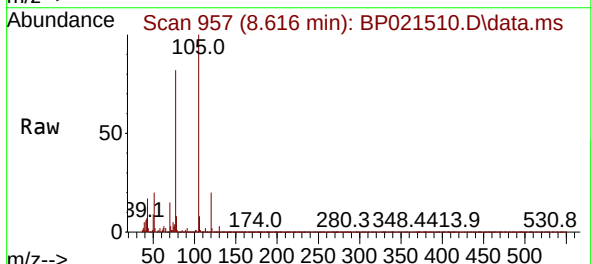
Manual Integrations
APPROVED

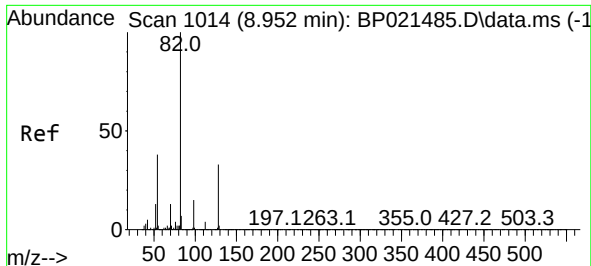
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#22
Acetophenone
Concen: 8.384 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

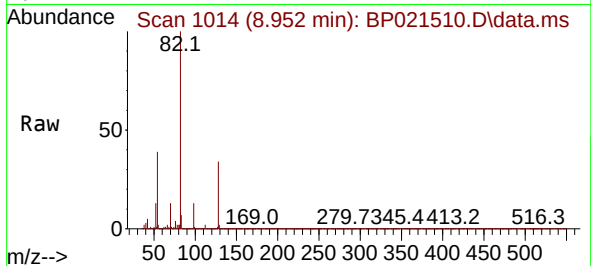
Tgt Ion:105 Resp: 368653
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 20.0 16.3 24.5
120 19.6 16.2 24.2





#23
Nitrobenzene-d5
Concen: 101.196 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

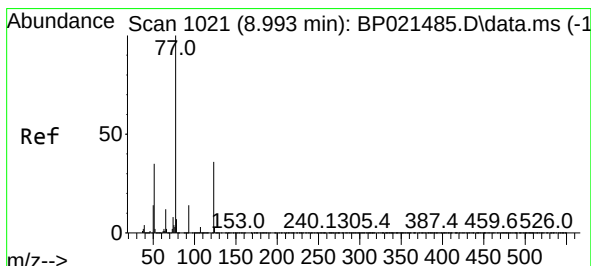
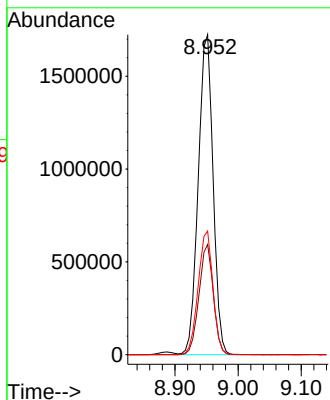
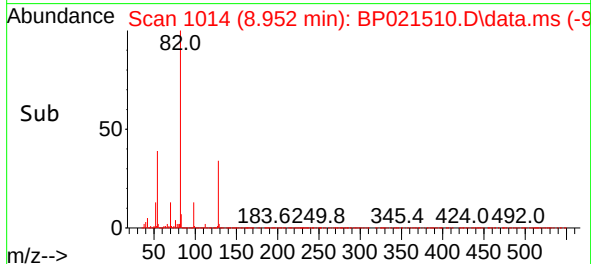
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 82 Resp: 280619
Ion Ratio Lower Upper
82 100
128 34.5 26.5 39.7
54 38.6 30.3 45.5

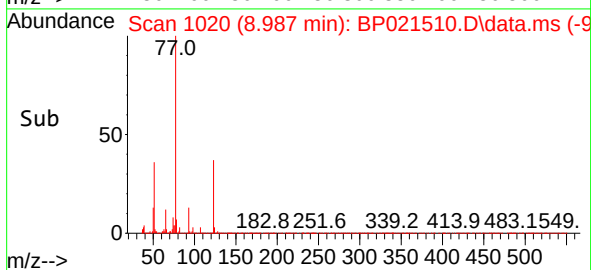
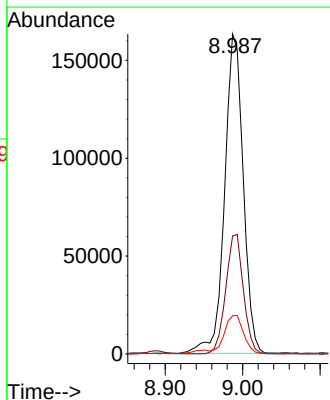
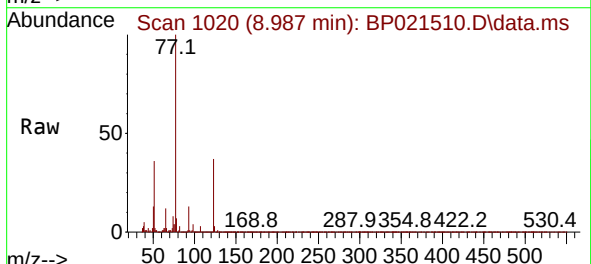
Manual Integrations
APPROVED

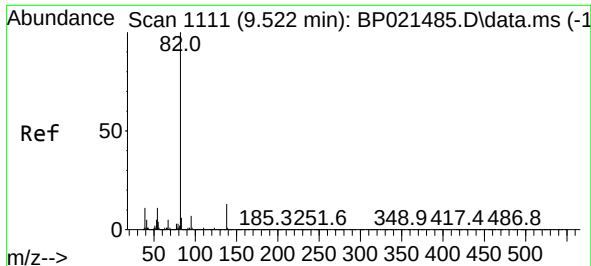
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#24
Nitrobenzene
Concen: 9.037 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion: 77 Resp: 272167
Ion Ratio Lower Upper
77 100
123 36.9 29.5 44.3
65 12.0 9.9 14.9





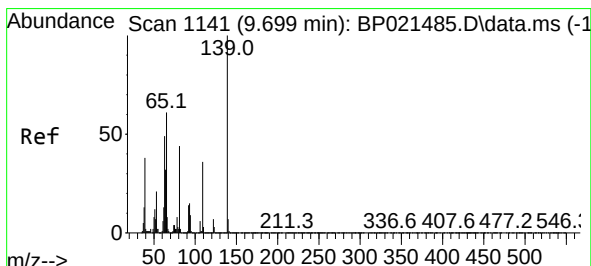
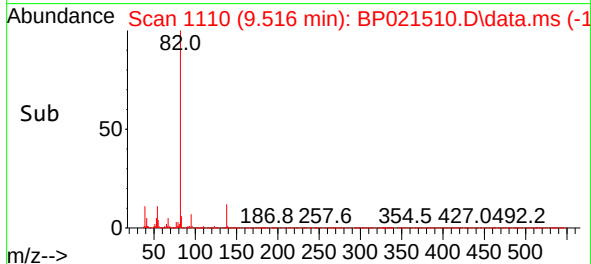
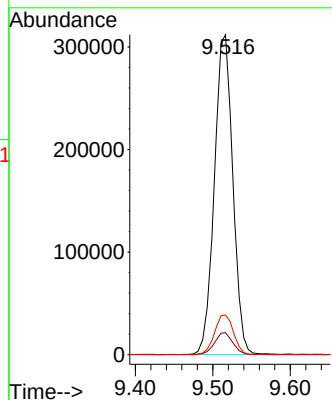
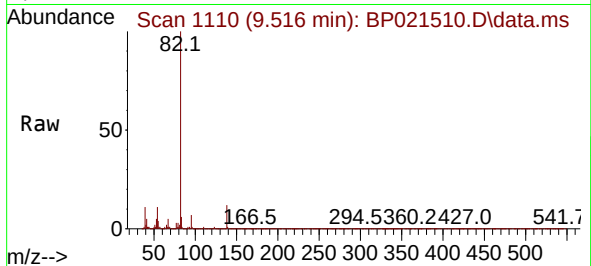
#25
Isophorone
Concen: 7.868 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 82 Resp: 51545
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 12.4 10.6 16.0

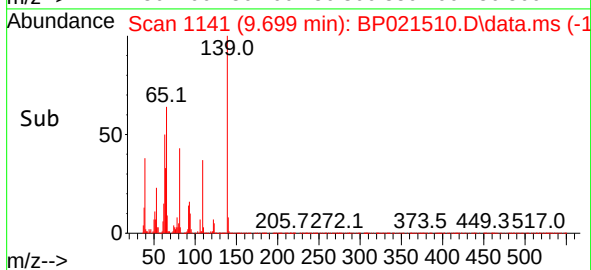
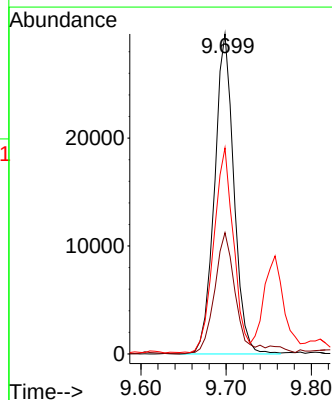
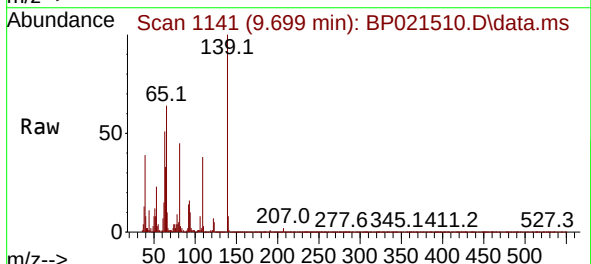
Manual Integrations
APPROVED

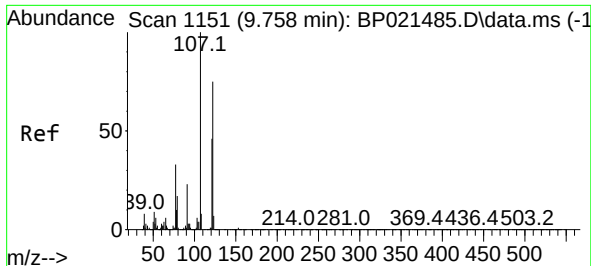
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 10.502 ng
RT: 9.699 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:139 Resp: 46986
Ion Ratio Lower Upper
139 100
109 37.9 28.9 43.3
65 64.4 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 7.789 ng

RT: 9.757 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BP021510.D

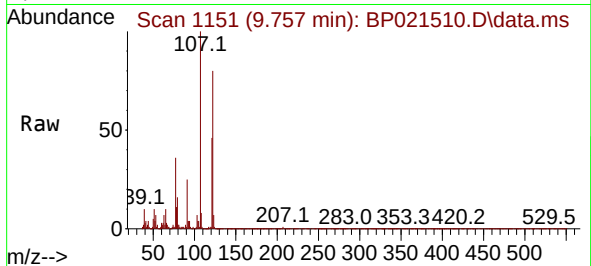
Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:122 Resp: 125930

Ion Ratio Lower Upper

122 100

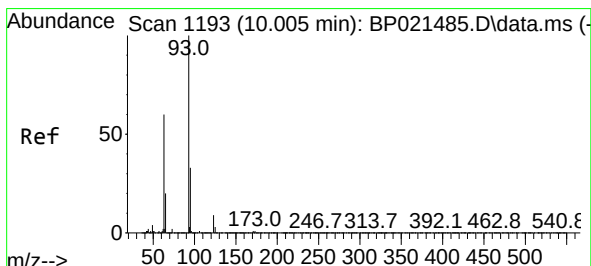
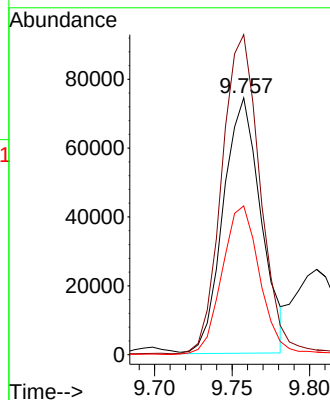
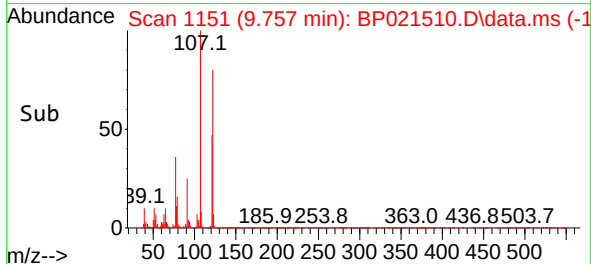
107 124.6 106.2 159.4

121 57.9 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 7.943 ng

RT: 9.993 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

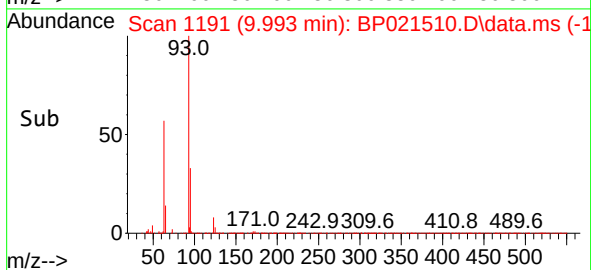
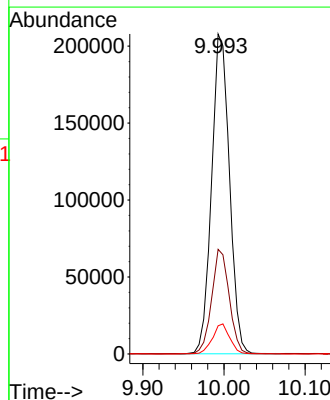
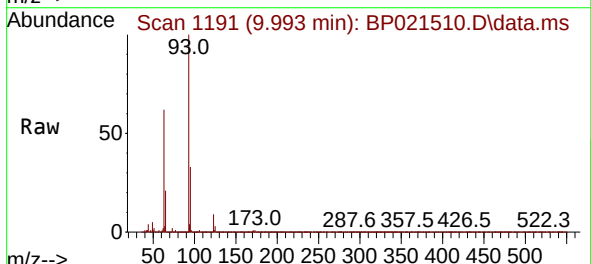
Tgt Ion: 93 Resp: 317641

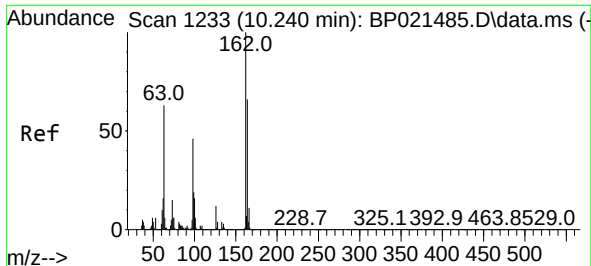
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 8.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 7.770 ng

RT: 10.234 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

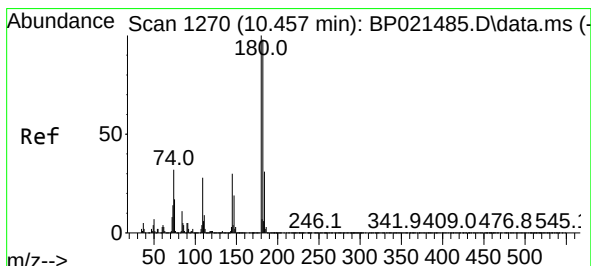
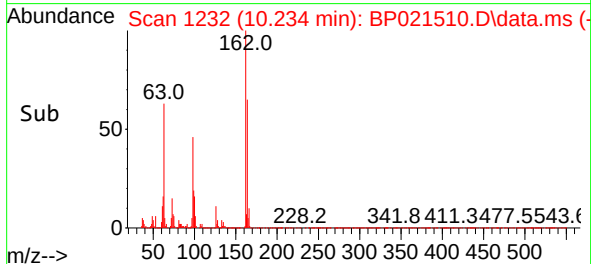
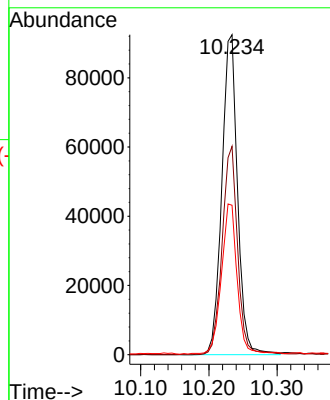
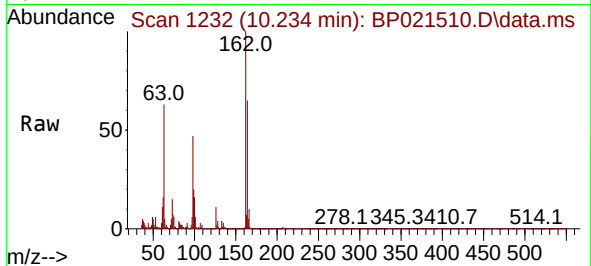
MDL-SOIL-03-QT3-2024

Tgt Ion:	162	Resp:	148420
Ion Ratio	Lower	Upper	
162	100		
164	65.1	45.9	85.9
98	46.7	26.3	66.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 7.818 ng

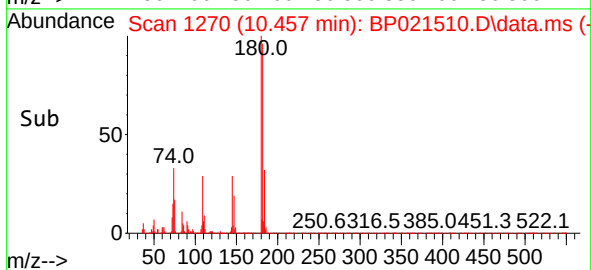
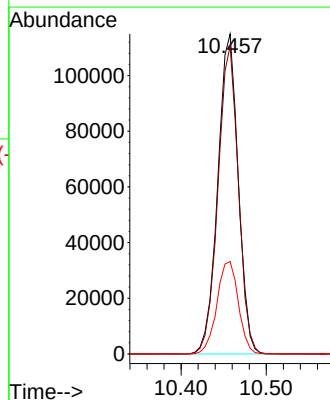
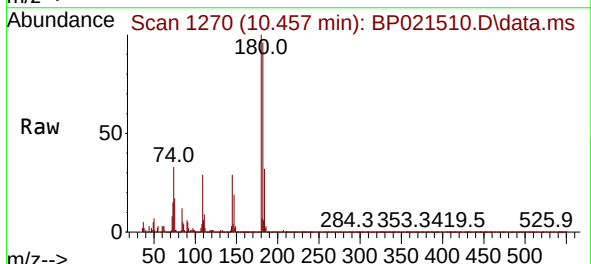
RT: 10.457 min Scan# 1270

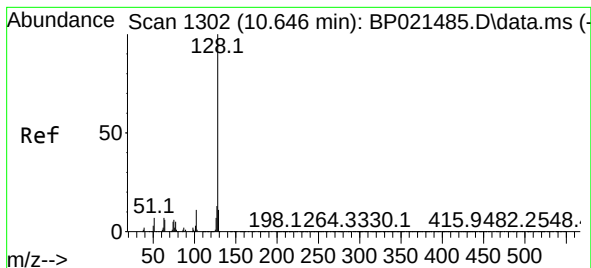
Delta R.T. -0.000 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:	180	Resp:	191464
Ion Ratio	Lower	Upper	
180	100		
182	96.3	78.3	117.5
145	28.9	24.0	36.0





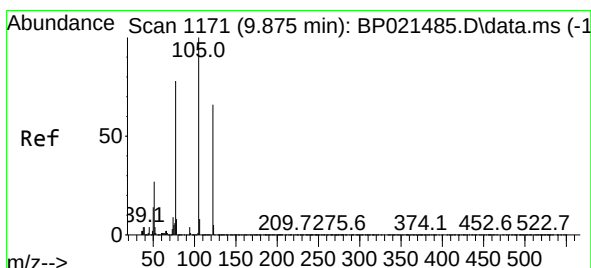
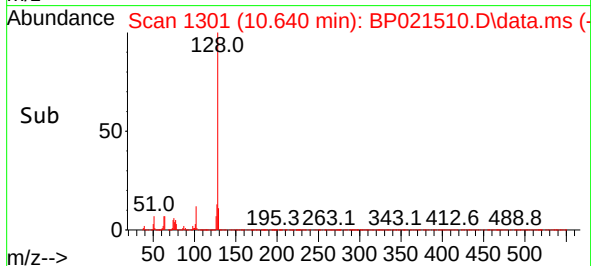
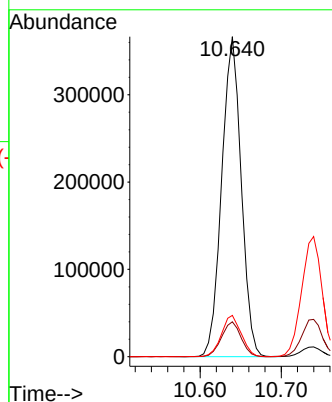
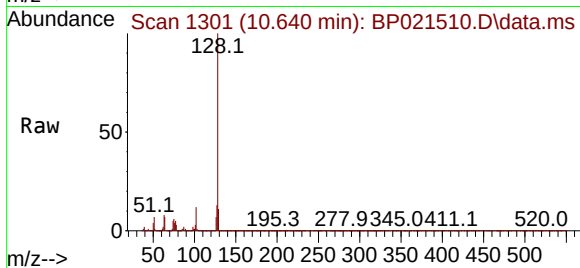
#31
Naphthalene
Concen: 8.181 ng
RT: 10.640 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:128 Resp: 61170
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.6 15.8

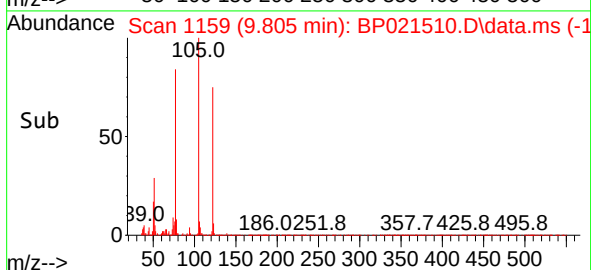
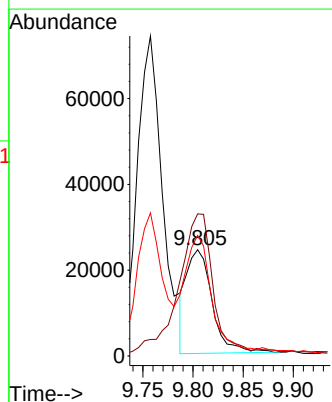
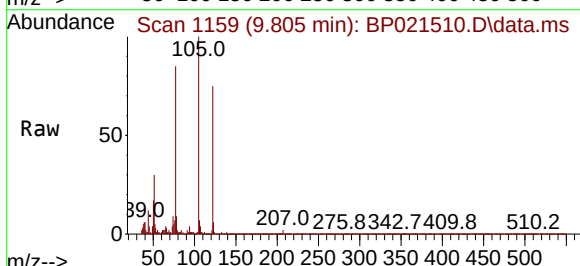
Manual Integrations
APPROVED

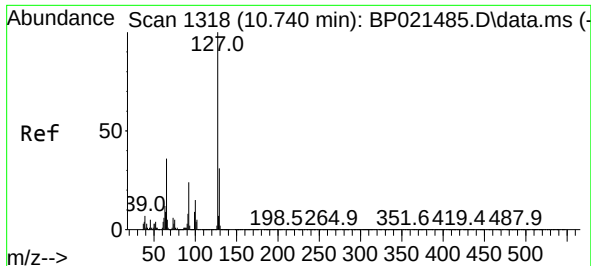
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 8.761 ng
RT: 9.805 min Scan# 1159
Delta R.T. -0.070 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

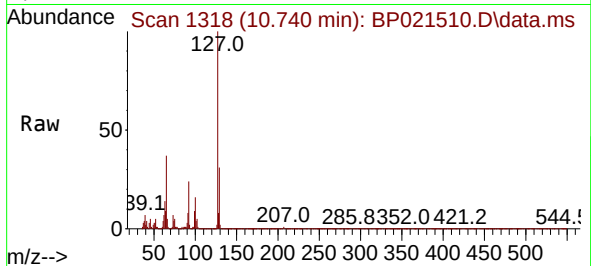
Tgt Ion:122 Resp: 43308
Ion Ratio Lower Upper
122 100
105 133.8 124.6 164.6
77 113.4 96.2 136.2





#33
4-Chloroaniline
Concen: 8.571 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

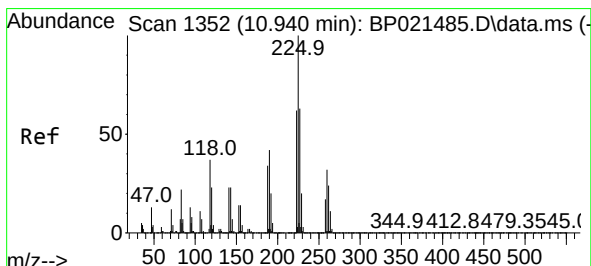
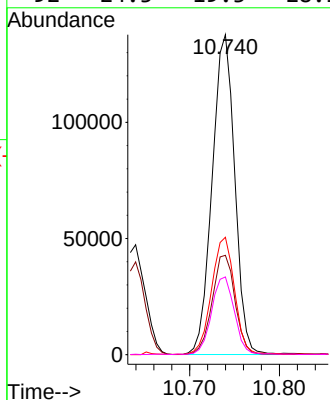
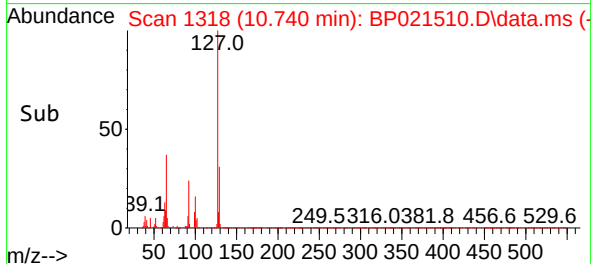
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



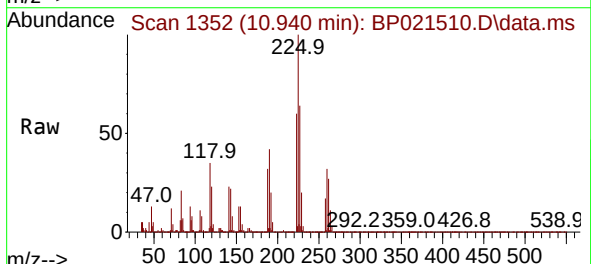
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.5	36.7
65	36.7	28.9	43.3
92	24.3	19.3	28.9

Manual Integrations
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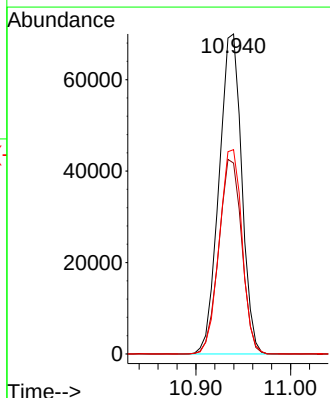
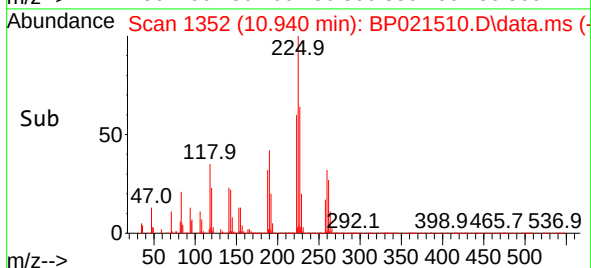
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

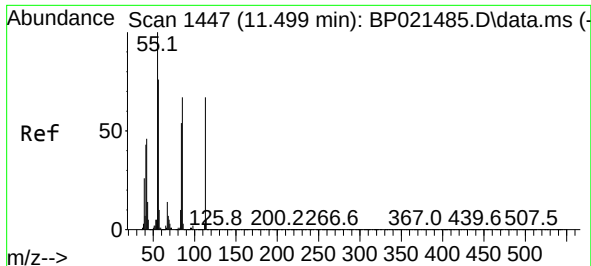


#34
Hexachlorobutadiene
Concen: 7.555 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



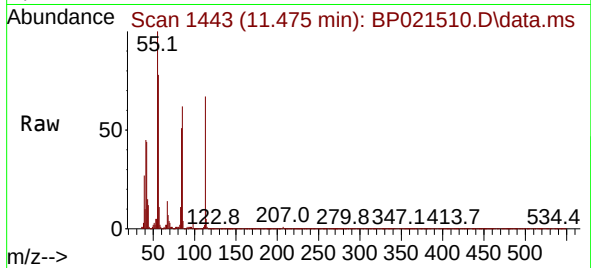
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.6	74.4
227	63.8	50.1	75.1





#35
Caprolactam
Concen: 7.004 ng
RT: 11.475 min Scan# 1447
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

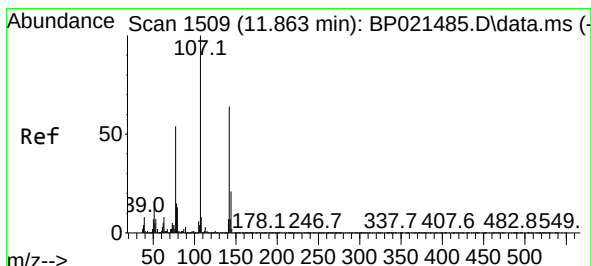
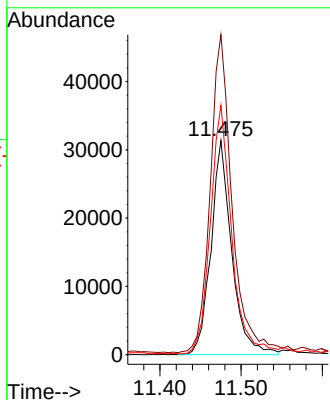
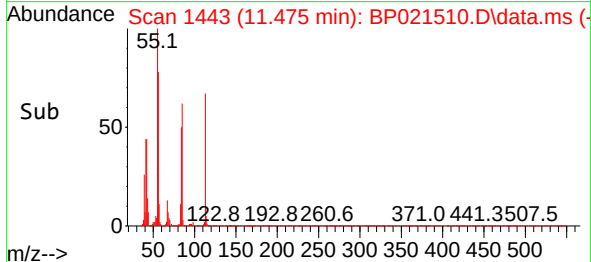
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



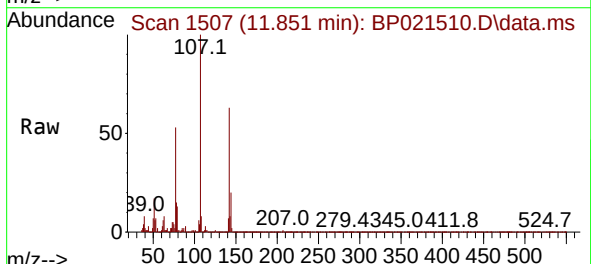
Tgt Ion:113 Resp: 55680
Ion Ratio Lower Upper
113 100
55 149.4 130.6 170.6
56 116.4 94.6 134.6

Manual Integrations
APPROVED

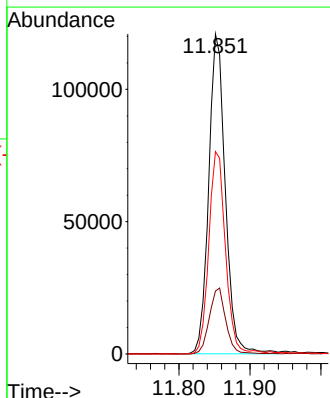
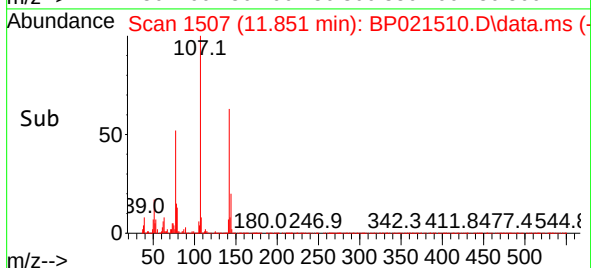
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

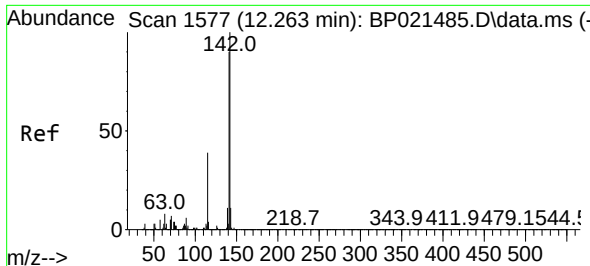


#36
4-Chloro-3-methylphenol
Concen: 7.397 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



Tgt Ion:107 Resp: 195995
Ion Ratio Lower Upper
107 100
144 19.7 16.6 24.8
142 63.2 51.0 76.4





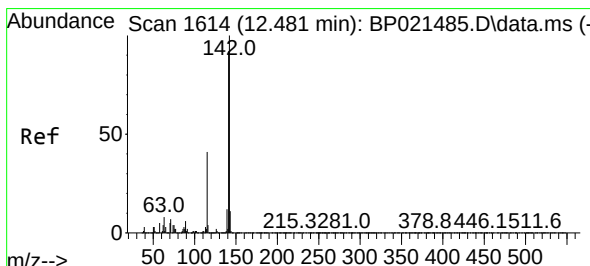
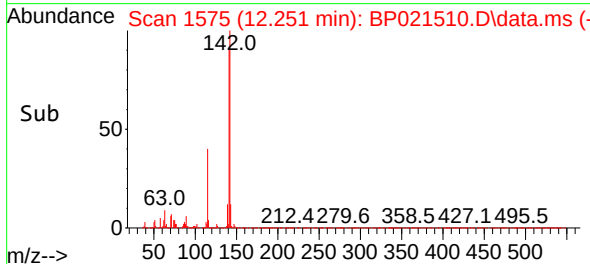
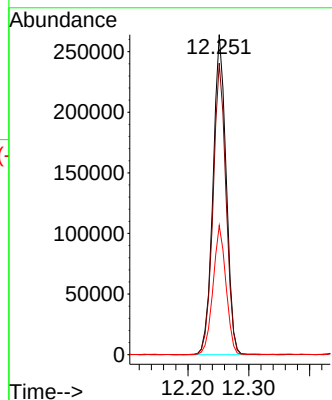
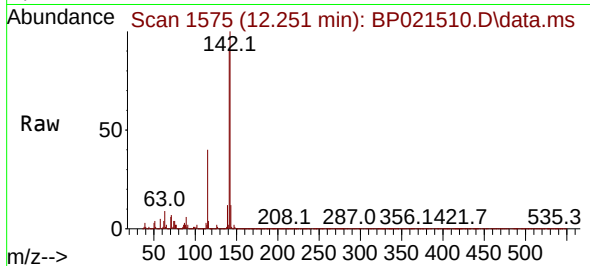
#37
2-Methylnaphthalene
Concen: 7.734 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:142 Resp: 394680
Ion Ratio Lower Upper
142 100
141 91.1 71.7 107.5
115 40.4 31.4 47.2

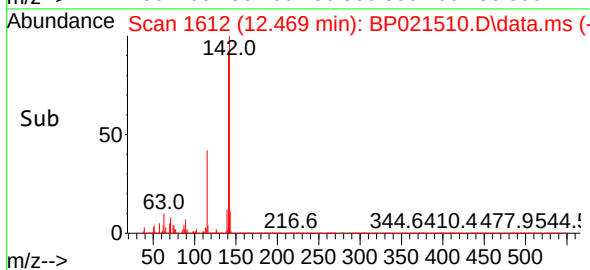
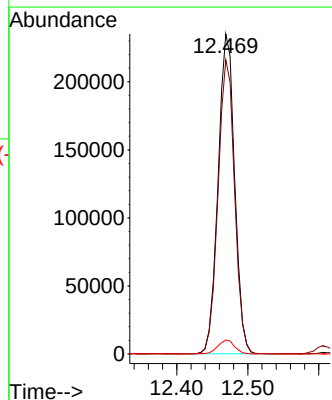
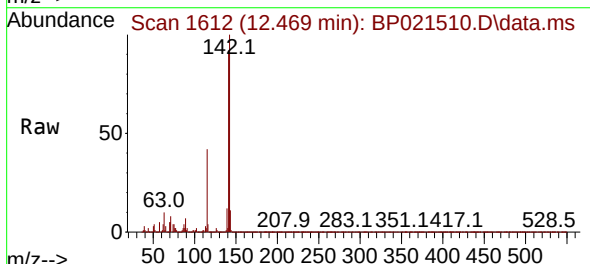
Manual Integrations
APPROVED

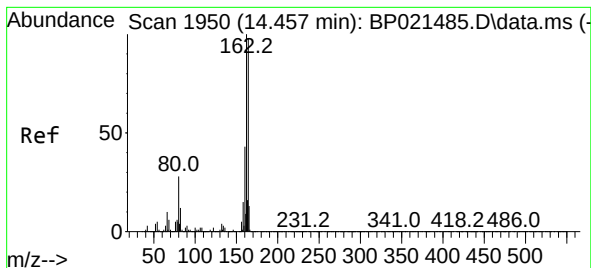
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#38
1-Methylnaphthalene
Concen: 7.510 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:142 Resp: 378001
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

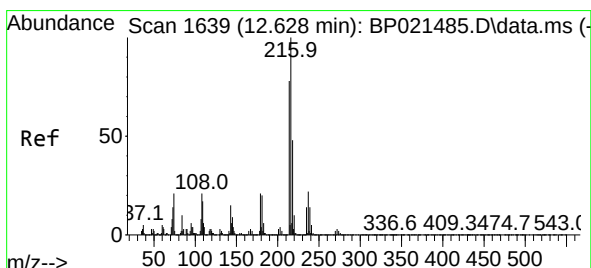
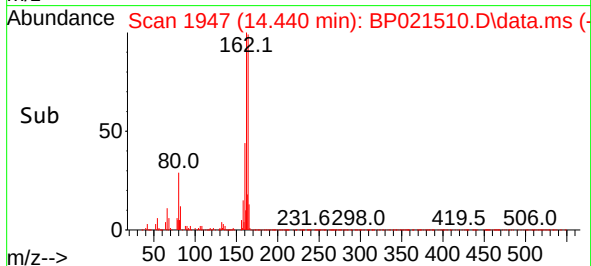
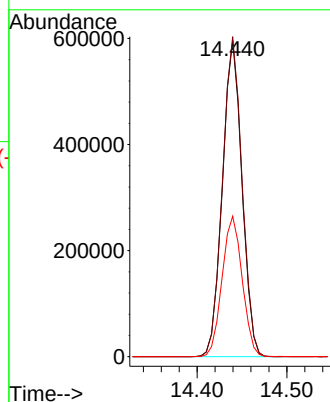
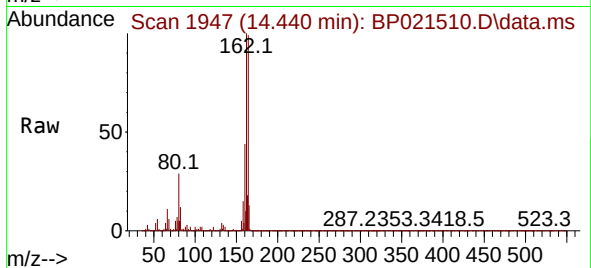
MDL-SOIL-03-QT3-2024

Tgt Ion:164	Resp:	899064
Ion Ratio	Lower	Upper
164	100	
162	101.2	81.5 122.3
160	44.4	35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.444 ng

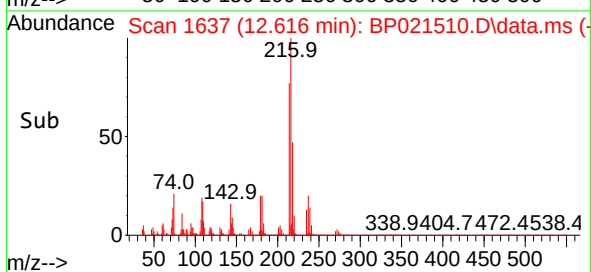
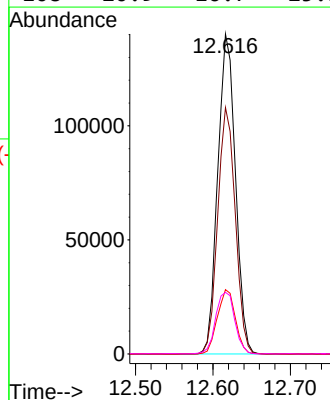
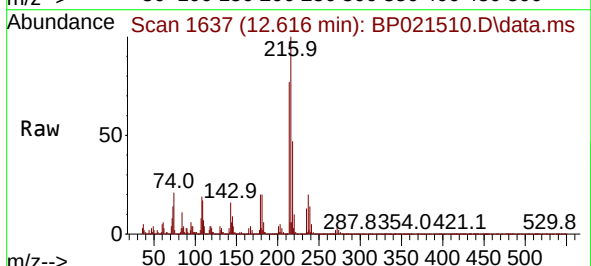
RT: 12.616 min Scan# 1637

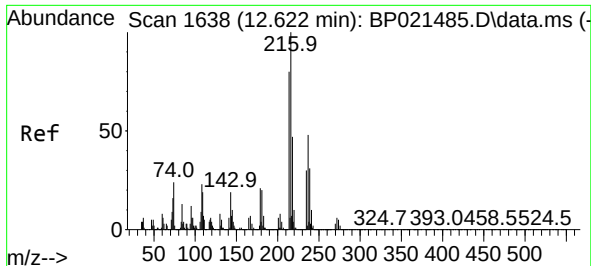
Delta R.T. -0.012 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

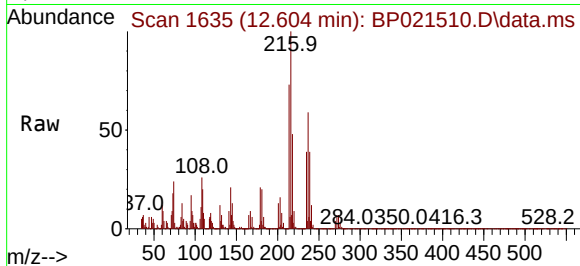
Tgt Ion:216	Resp:	222437
Ion Ratio	Lower	Upper
216	100	
214	76.6	62.5 93.7
179	20.4	16.4 24.6
108	20.9	16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 7.722 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

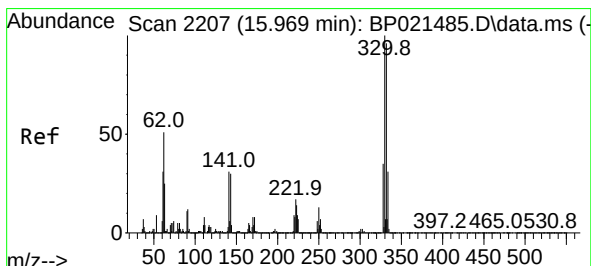
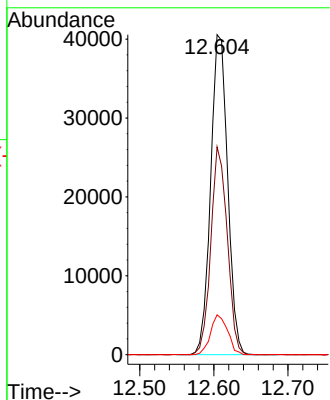
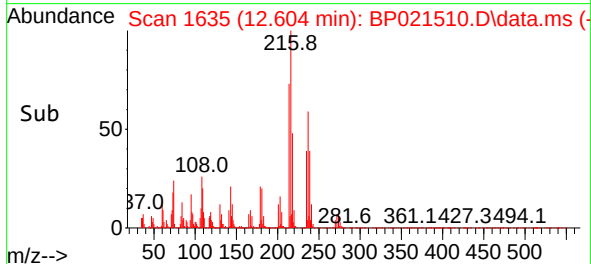
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 237 Resp: 64469
Ion Ratio Lower Upper
237 100
235 64.9 43.9 83.9
272 12.5 0.0 33.3

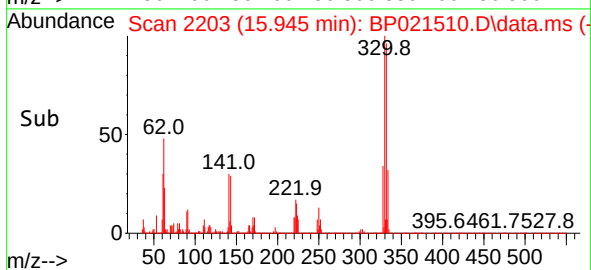
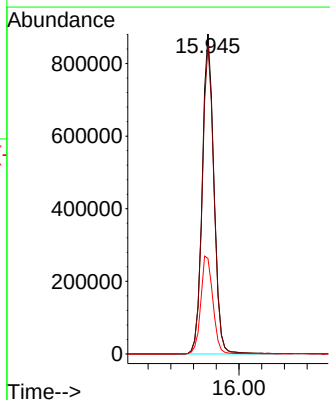
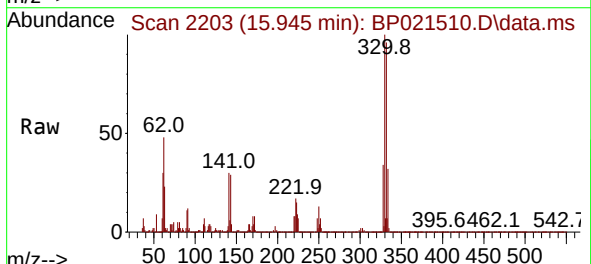
Manual Integrations
APPROVED

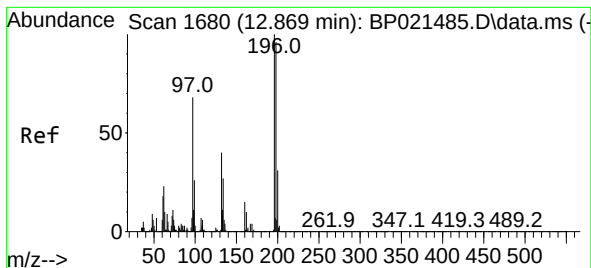
Reviewed By : Jagrut Upadhyay 08/16/2024
Supervised By : mohammad ahmed 08/17/2024



#42
2,4,6-Tribromophenol
Concen: 125.241 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion: 330 Resp: 1253189
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.9 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 7.316 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2024

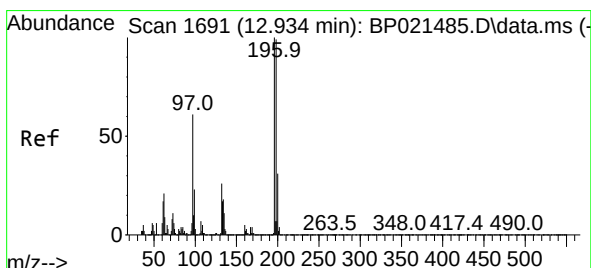
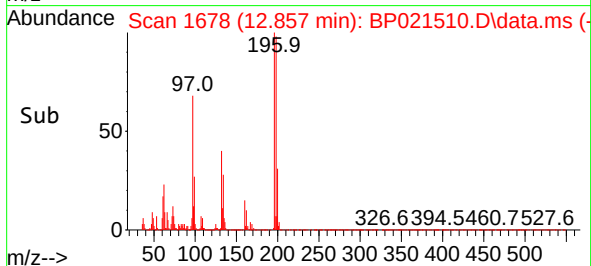
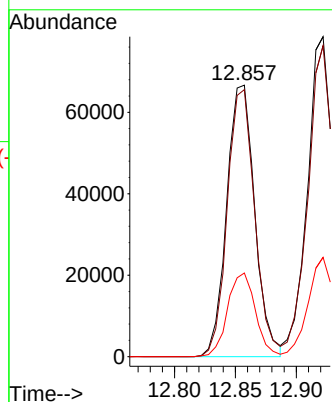
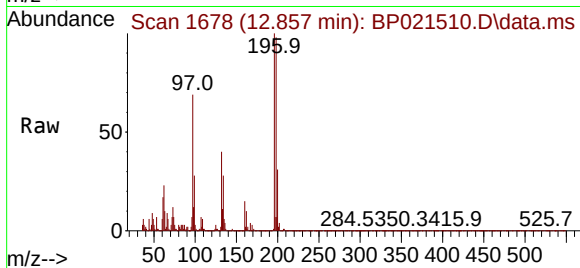
Tgt Ion:196 Resp: 10705

Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.6	114.8
200	30.8	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#44

2,4,5-Trichlorophenol

Concen: 7.685 ng

RT: 12.922 min Scan# 1689

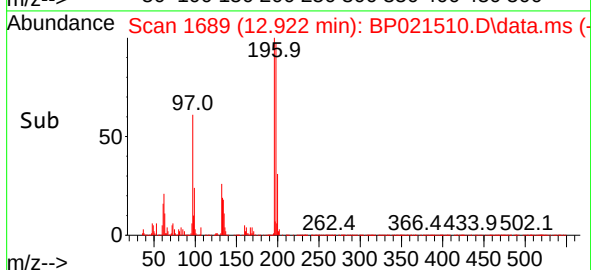
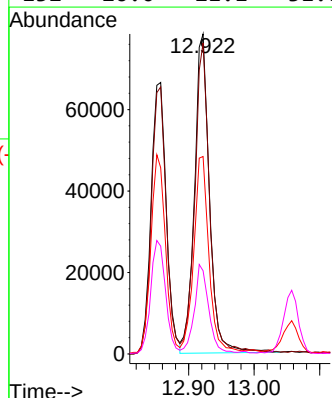
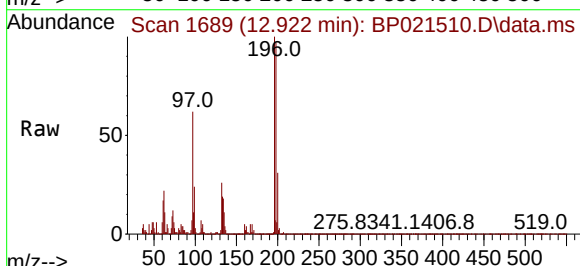
Delta R.T. -0.012 min

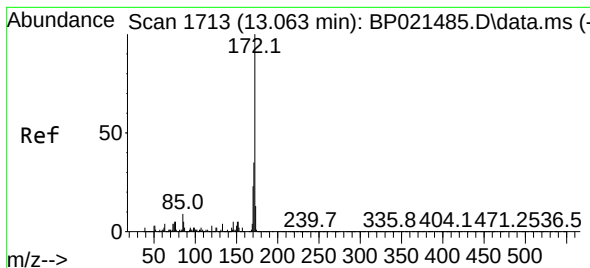
Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:196 Resp: 124943

Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.9	118.3
97	61.7	49.4	74.0
132	26.0	21.1	31.7





#45

2-Fluorobiphenyl

Concen: 89.614 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:172 Resp: 5279194

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

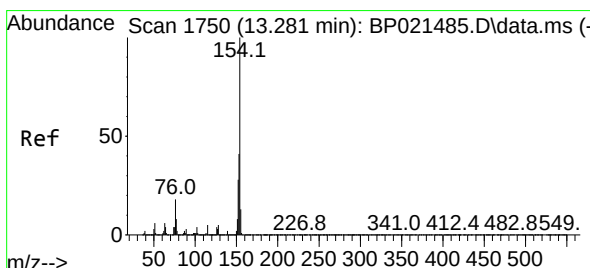
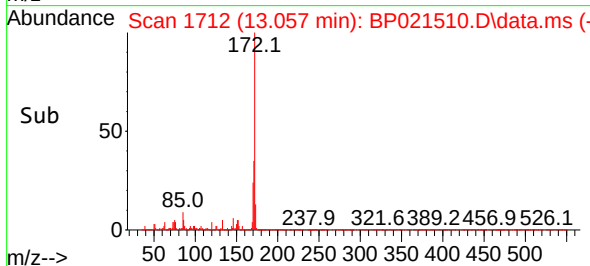
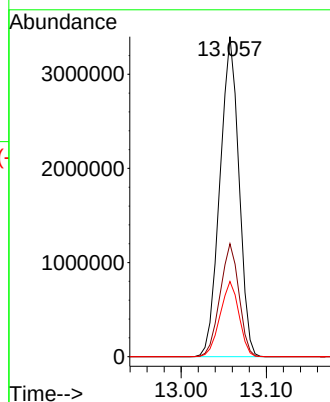
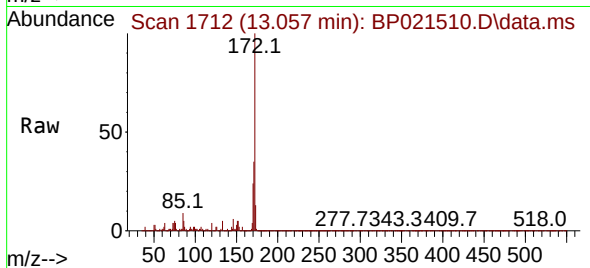
170 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024

Supervised By :mohammad ahmed 08/17/2024



#46

1,1'-Biphenyl

Concen: 8.337 ng

RT: 13.263 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

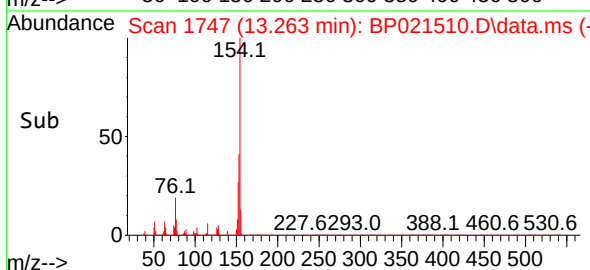
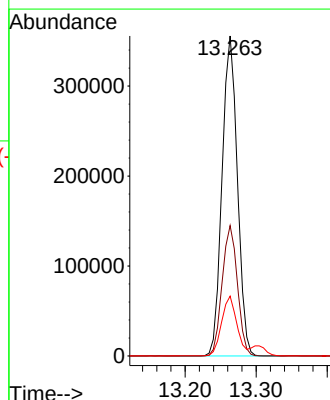
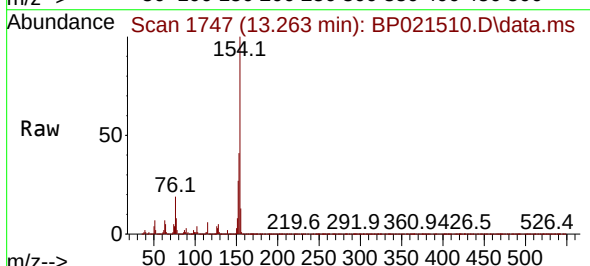
Tgt Ion:154 Resp: 530288

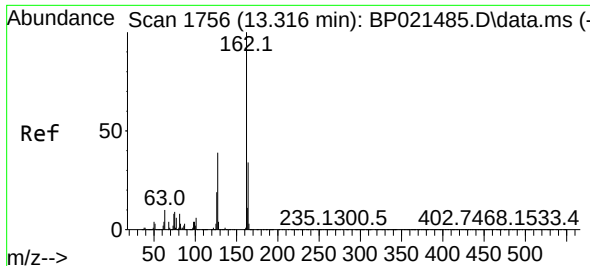
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

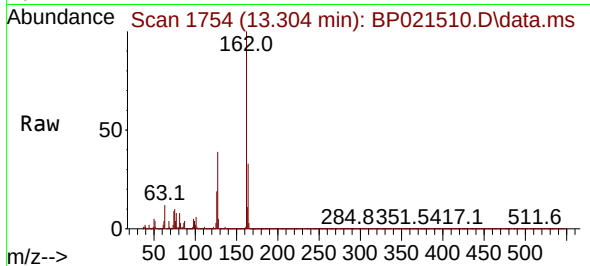
76 18.7 0.0 37.7





#47
2-Chloronaphthalene
Concen: 8.263 ng
RT: 13.304 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

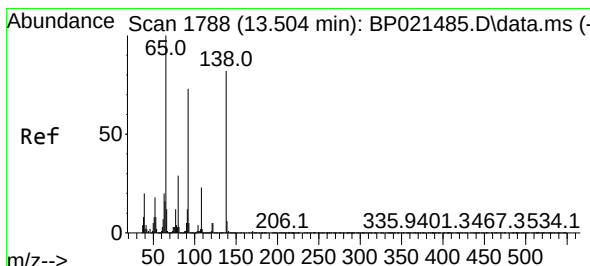
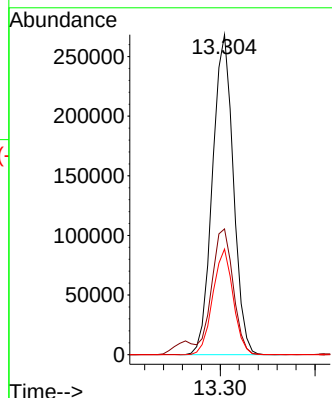
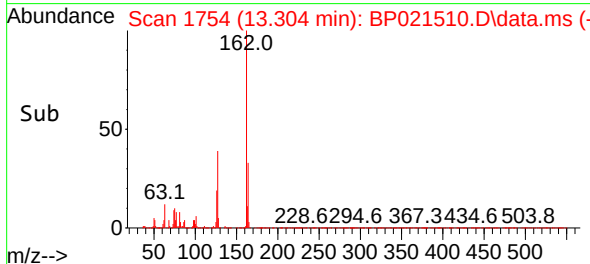
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:162 Resp: 409192
Ion Ratio Lower Upper
162 100
127 39.3 31.9 47.9
164 33.0 26.8 40.2

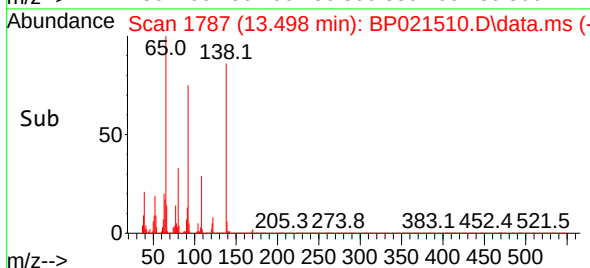
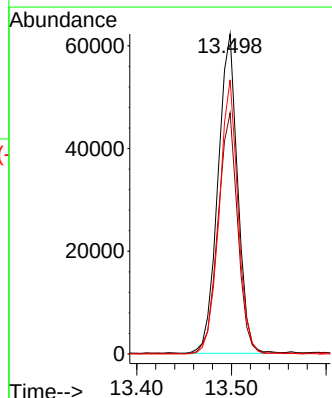
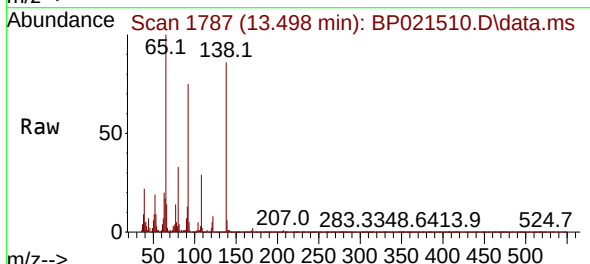
Manual Integrations
APPROVED

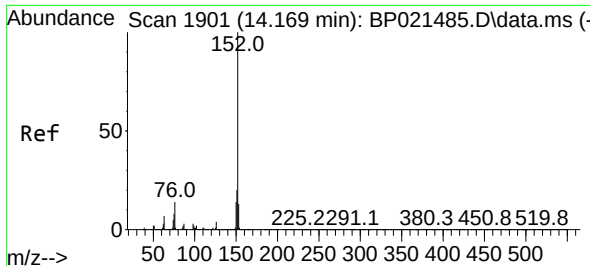
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48
2-Nitroaniline
Concen: 10.942 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

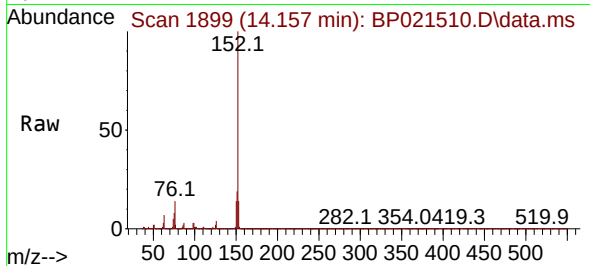
Tgt Ion: 65 Resp: 90094
Ion Ratio Lower Upper
65 100
92 75.3 58.1 87.1
138 85.6 65.5 98.3





#49
Acenaphthylene
Concen: 8.868 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

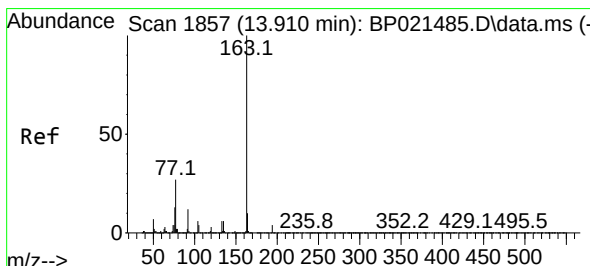
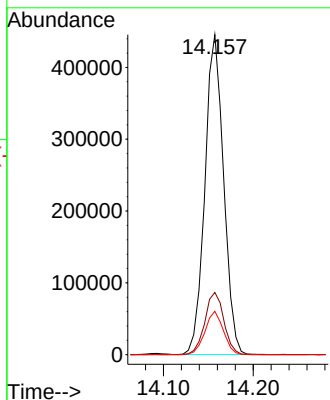
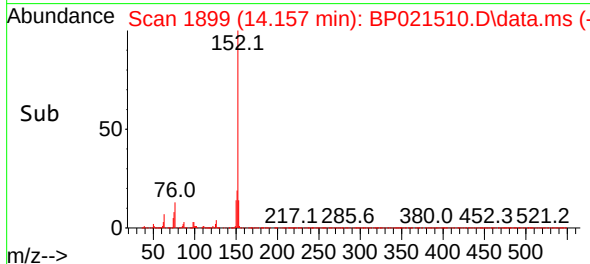
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



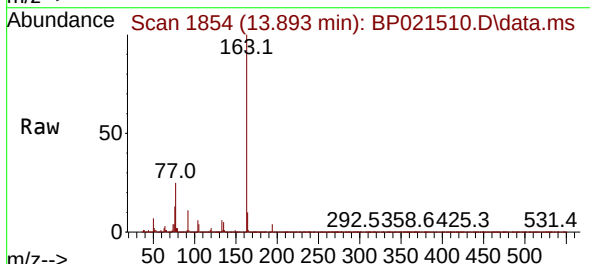
Tgt Ion:152 Resp: 645598
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.5 10.6 16.0

Manual Integrations
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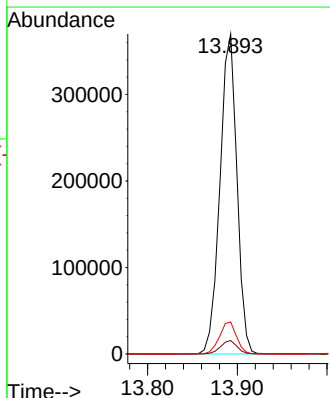
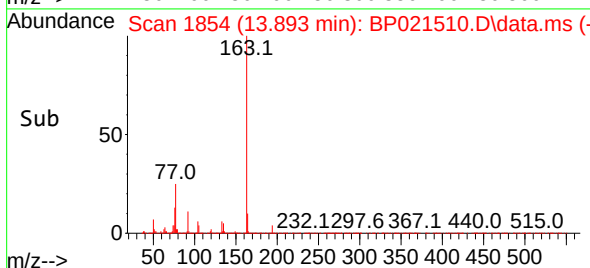
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

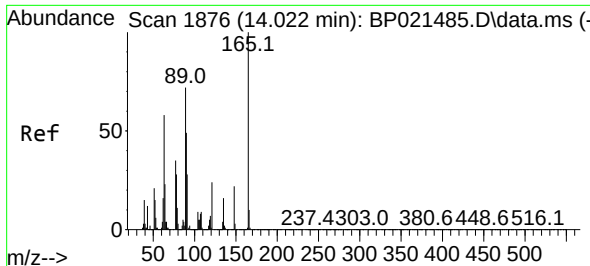


#50
Dimethylphthalate
Concen: 8.049 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



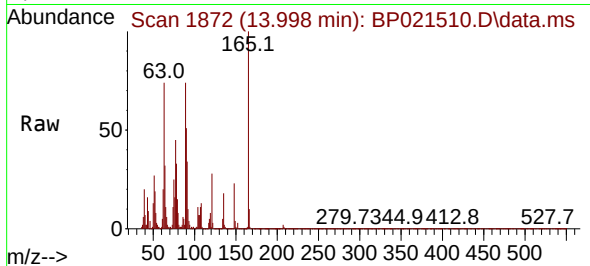
Tgt Ion:163 Resp: 484634
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 9.776 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

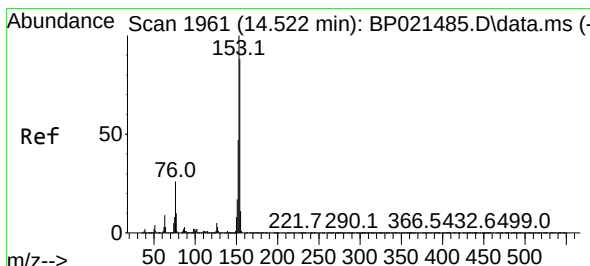
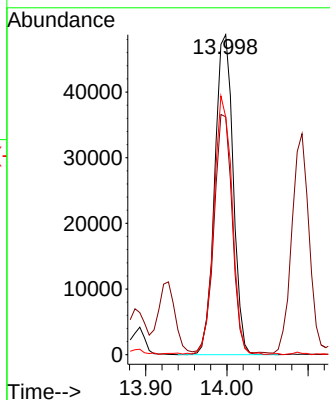
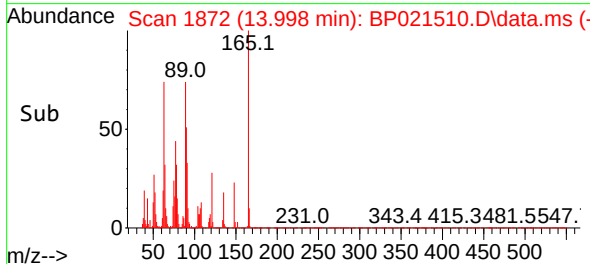
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:165 Resp: 76709
Ion Ratio Lower Upper
165 100
63 74.4 51.5 77.3
89 74.2 57.8 86.8

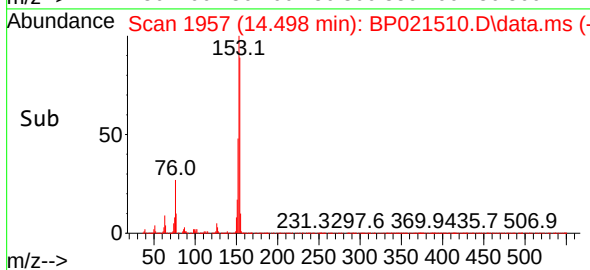
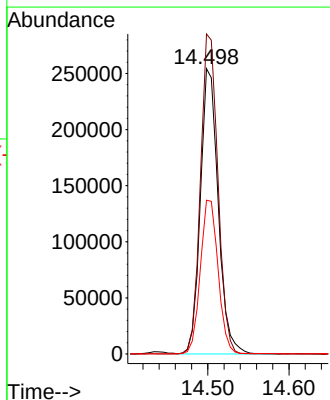
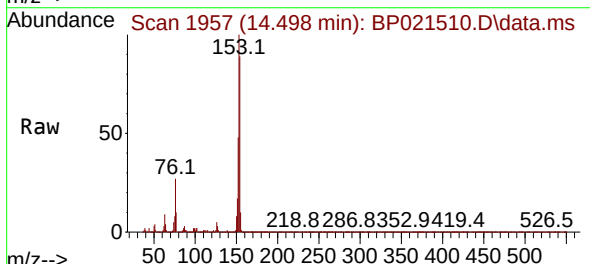
Manual Integrations
APPROVED

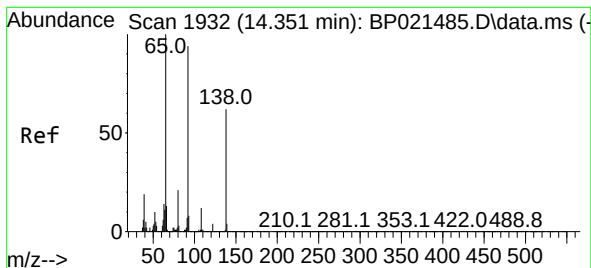
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 8.103 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

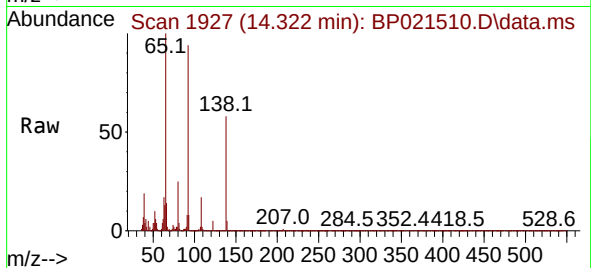
Tgt Ion:154 Resp: 387039
Ion Ratio Lower Upper
154 100
153 112.2 91.1 136.7
152 53.9 43.0 64.4





#53
3-Nitroaniline
Concen: 10.280 ng
RT: 14.322 min Scan# 1927
Delta R.T. -0.029 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

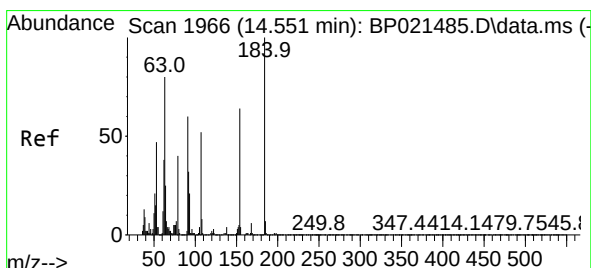
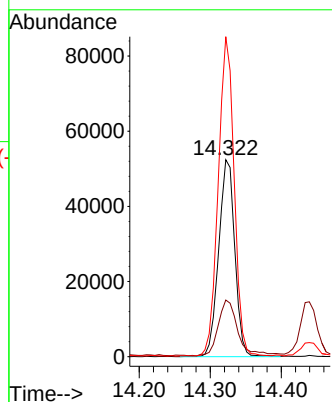
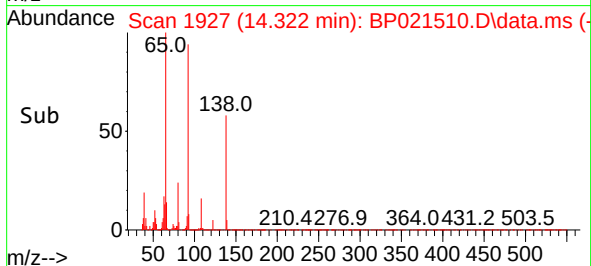
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



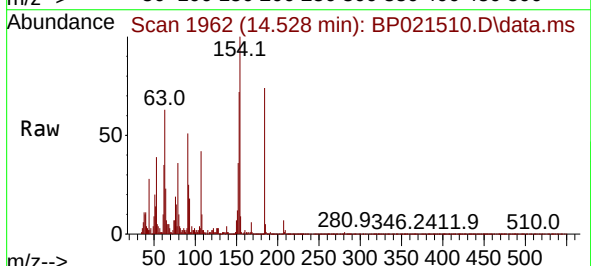
Tgt Ion:138 Resp: 8215
Ion Ratio Lower Upper
138 100
108 28.7 16.2 24.4
92 162.5 122.2 183.4

Manual Integrations
APPROVED

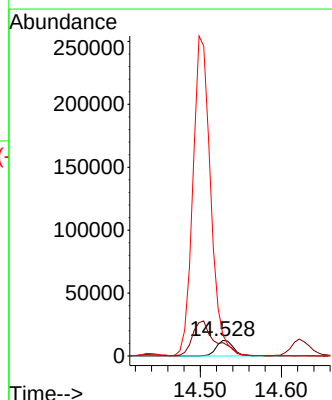
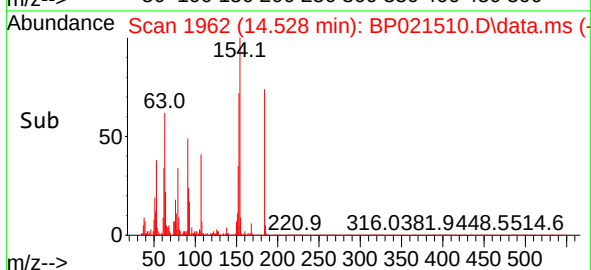
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

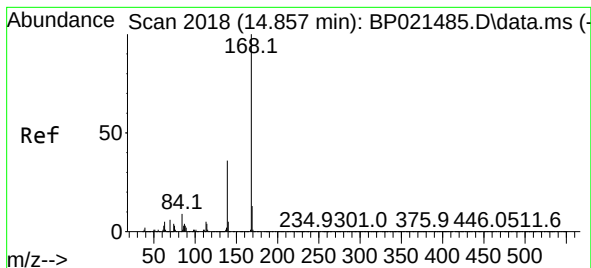


#54
2,4-Dinitrophenol
Concen: 9.891 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



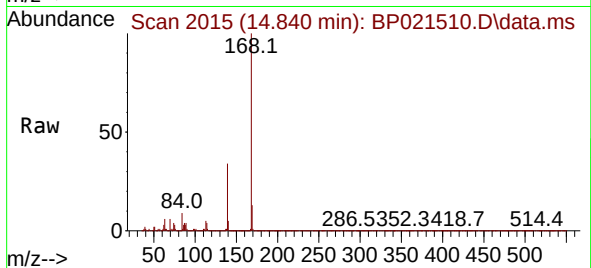
Tgt Ion:184 Resp: 18101
Ion Ratio Lower Upper
184 100
63 85.8 64.9 97.3
154 135.4 52.1 78.1#





#55
Dibenzenofuran
Concen: 8.474 ng
RT: 14.840 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

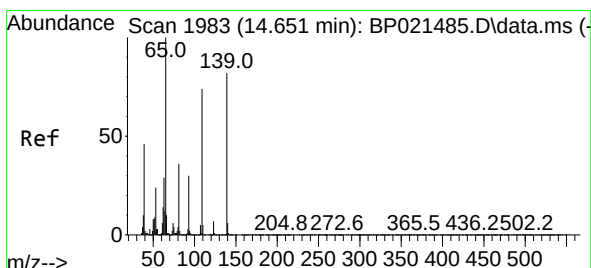
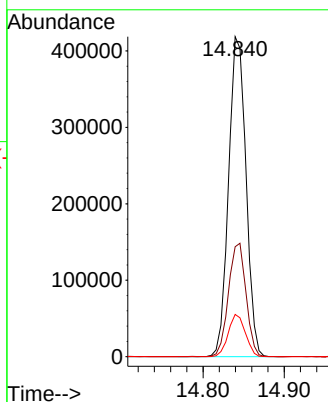
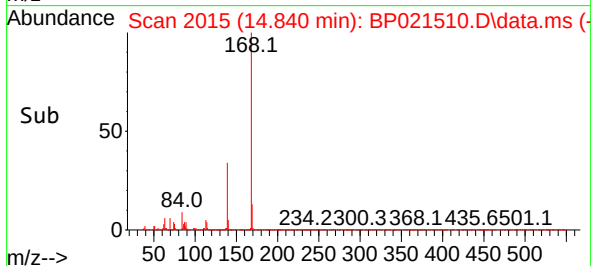
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 62266
Ion Ratio Lower Upper
168 100
139 34.3 28.6 43.0
169 13.2 10.6 16.0

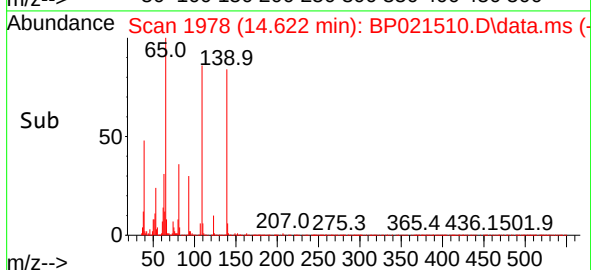
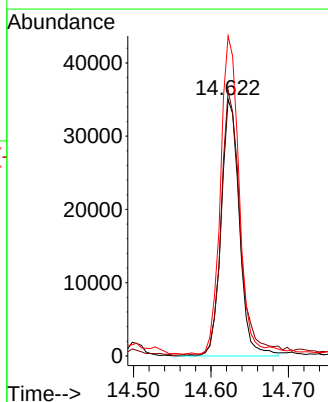
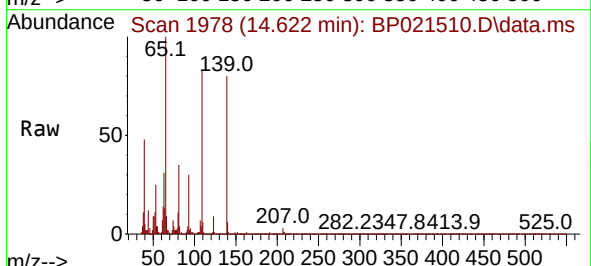
Manual Integrations
APPROVED

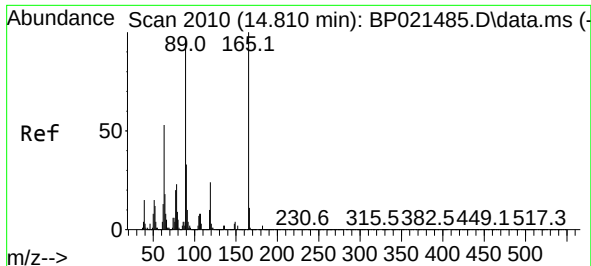
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#56
4-Nitrophenol
Concen: 10.435 ng
RT: 14.622 min Scan# 1978
Delta R.T. -0.029 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

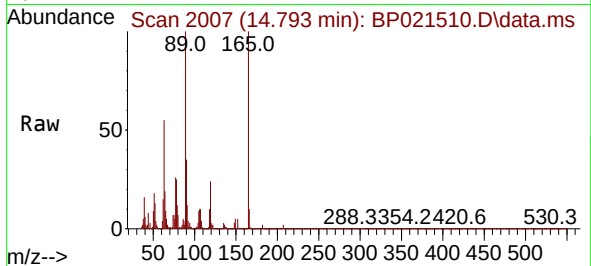
Tgt Ion:139 Resp: 57115
Ion Ratio Lower Upper
139 100
109 103.5 70.2 110.2
65 124.8 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 10.012 ng
RT: 14.793 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

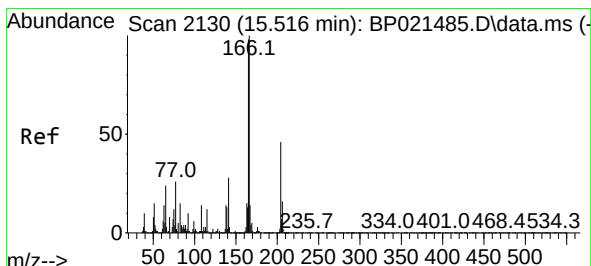
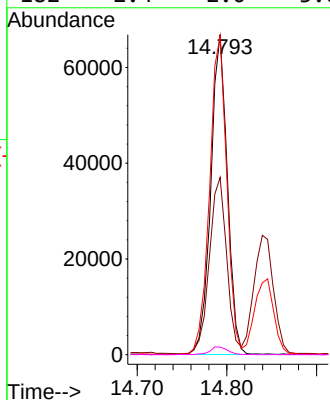
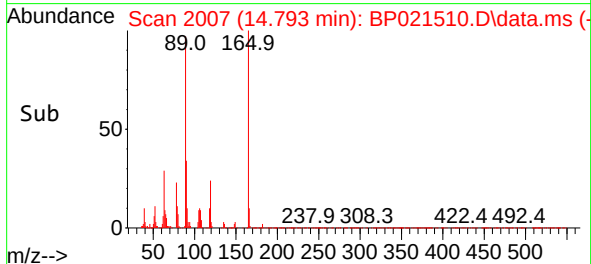
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



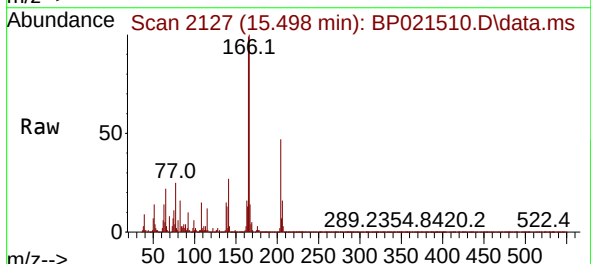
Tgt Ion:165 Resp: 86090
Ion Ratio Lower Upper
165 100
63 55.4 42.5 63.7
89 99.6 77.1 115.7
182 2.4 2.0 3.0

Manual Integrations
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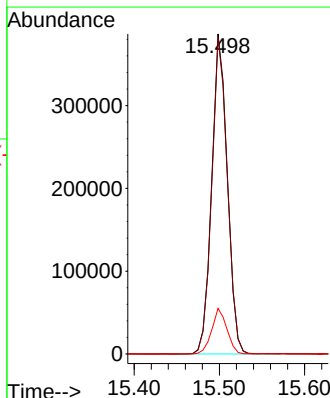
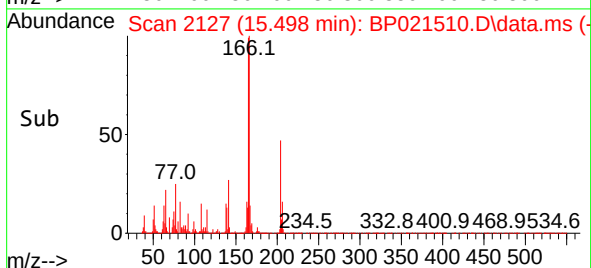
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

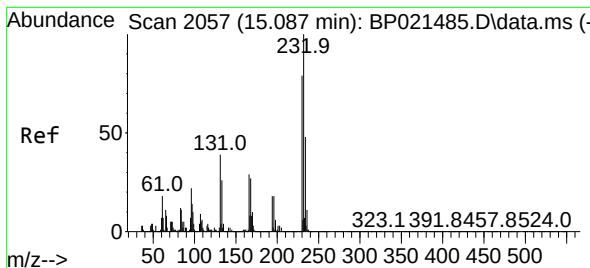


#58
Fluorene
Concen: 8.167 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



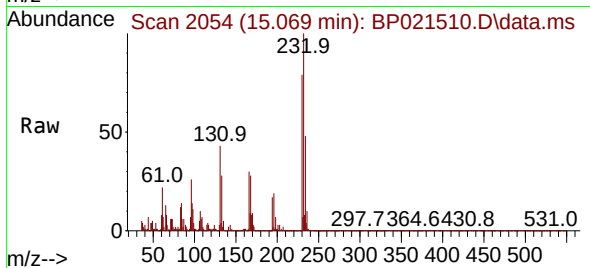
Tgt Ion:166 Resp: 493034
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 14.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.498 ng
RT: 15.069 min Scan# 2054
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

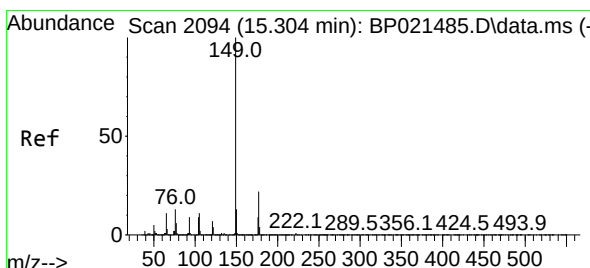
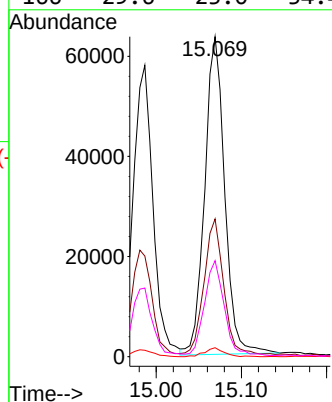
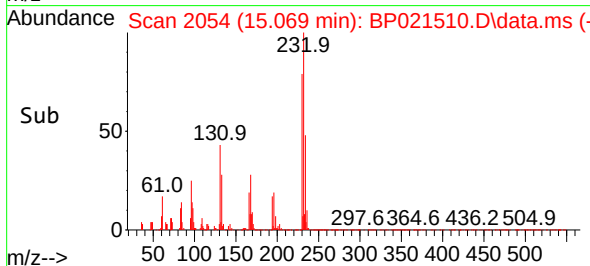
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:232 Resp: 103470
Ion Ratio Lower Upper
232 100
131 43.4 33.1 49.7
130 2.6 1.7 2.5
166 29.6 23.0 34.4

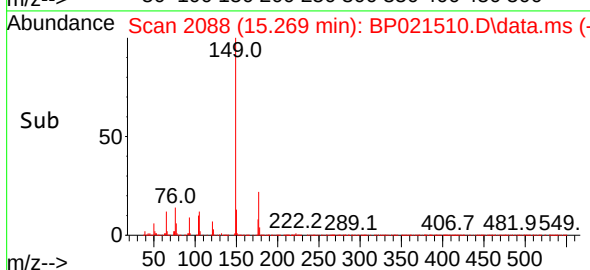
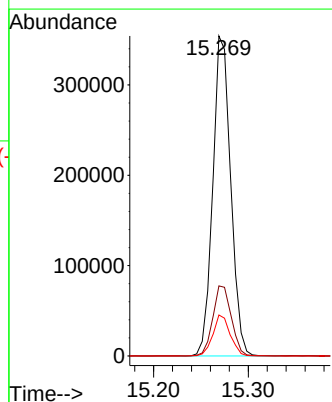
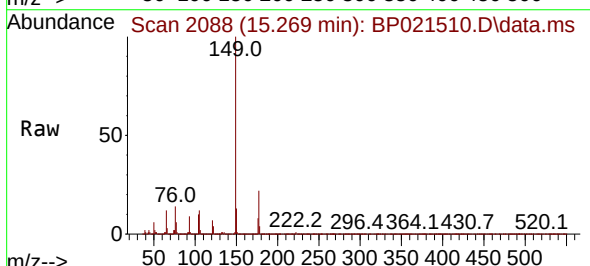
Manual Integrations
APPROVED

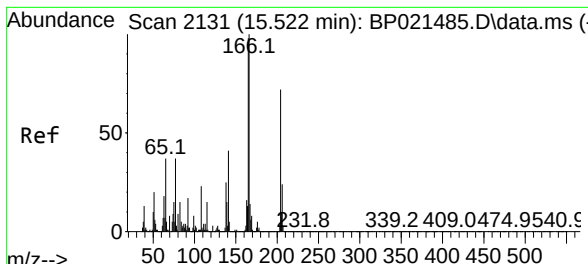
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#60
Diethylphthalate
Concen: 7.523 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.035 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:149 Resp: 464770
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.8 10.1 15.1





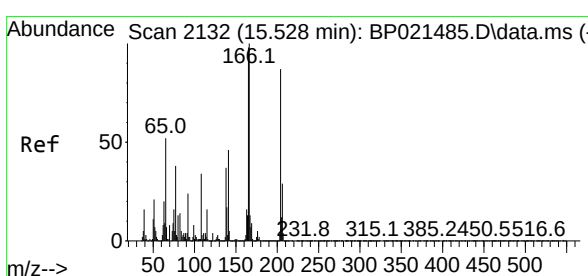
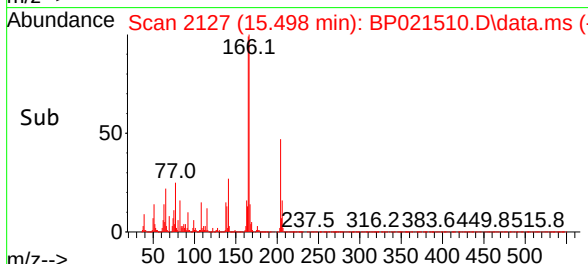
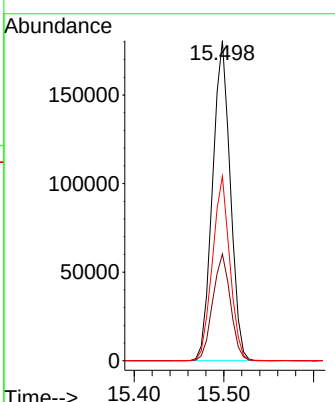
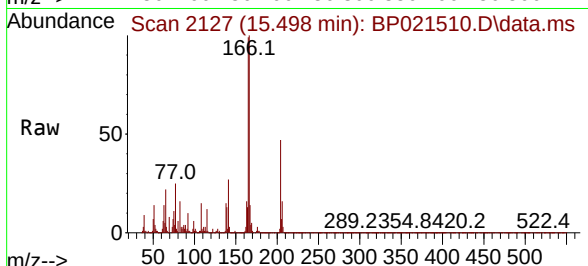
#61
 4-Chlorophenyl-phenylether
 Concen: 7.929 ng
 RT: 15.498 min Scan# 2127
 Delta R.T. -0.024 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:	204	Resp:	247420
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.4	39.6
141	57.6	46.1	69.1

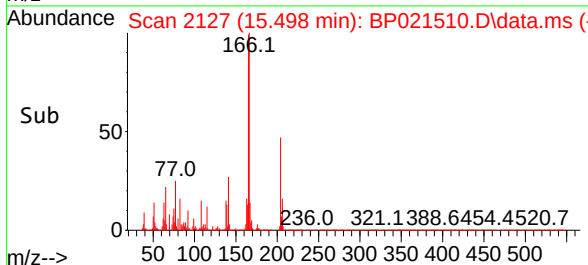
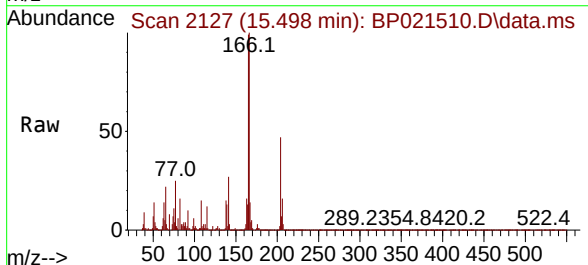
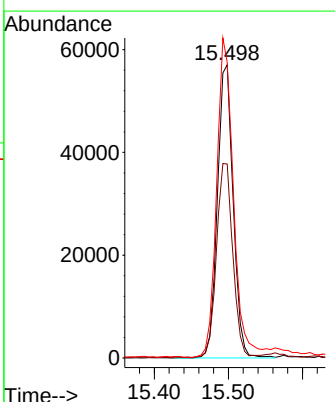
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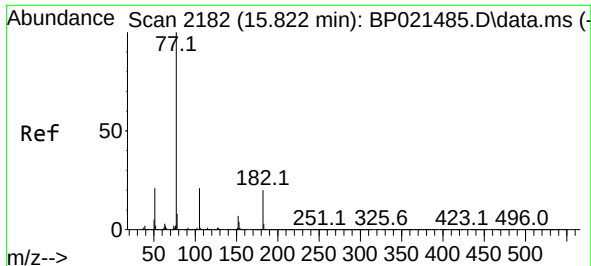
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#62
 4-Nitroaniline
 Concen: 9.369 ng
 RT: 15.498 min Scan# 2127
 Delta R.T. -0.030 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00

Tgt Ion:	138	Resp:	84117
Ion Ratio	Lower	Upper	
138	100		
92	66.2	46.4	86.4
108	100.8	73.2	113.2





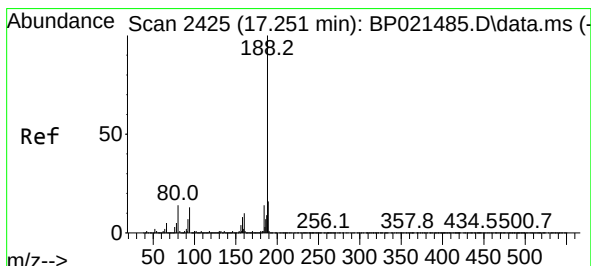
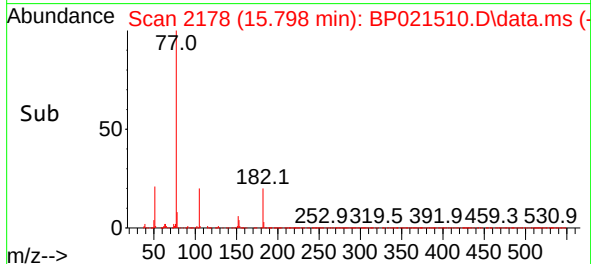
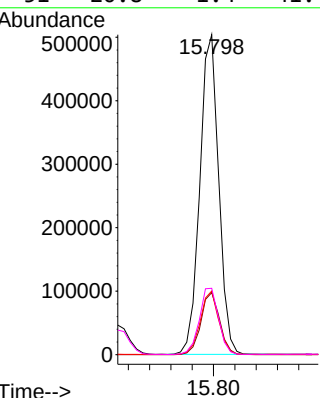
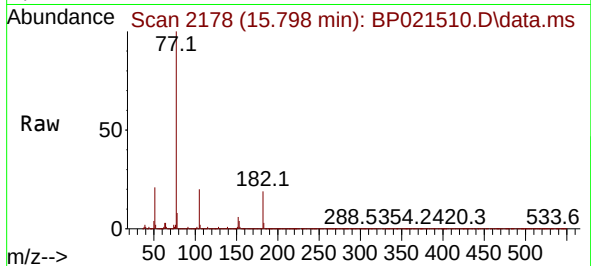
#63
Azobenzene
Concen: 8.157 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 77 Resp: 61946
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.9
105 19.9 0.9 40.9
51 20.8 1.4 41.4

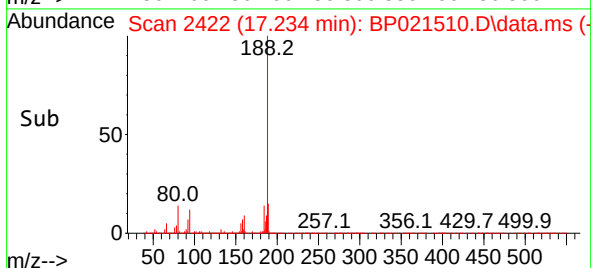
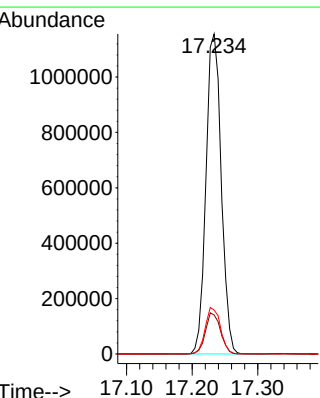
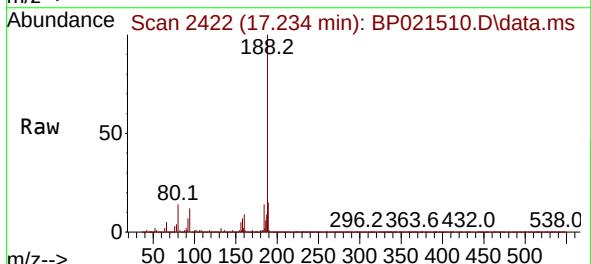
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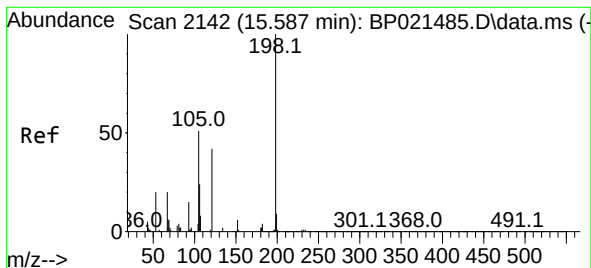
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:188 Resp: 1859893
Ion Ratio Lower Upper
188 100
94 12.2 10.2 15.4
80 13.7 11.6 17.4





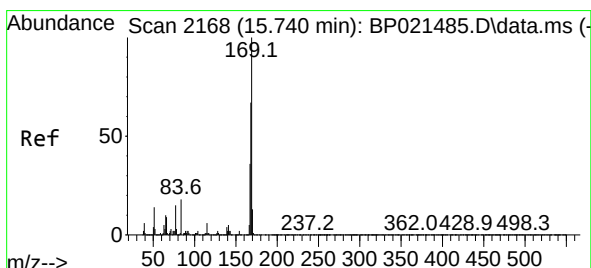
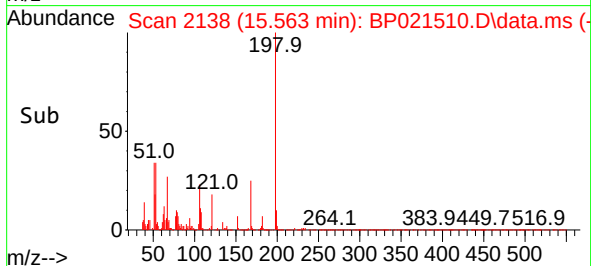
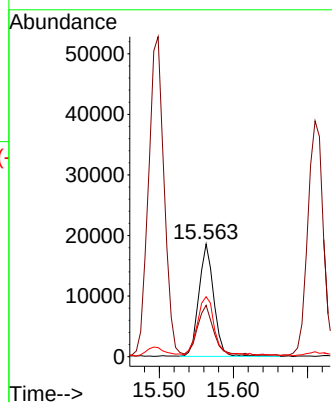
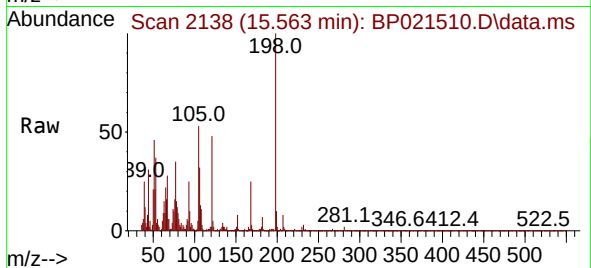
#65
4,6-Dinitro-2-methylphenol
Concen: 10.310 ng
RT: 15.563 min Scan# 2142
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:198 Resp: 2586
Ion Ratio Lower Upper
198 100
51 45.6 21.5 61.5
105 53.3 32.9 72.9

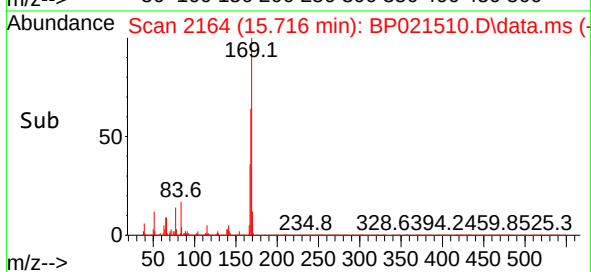
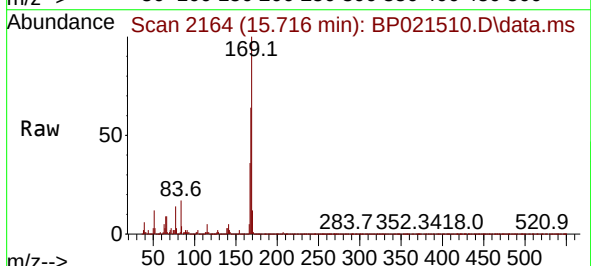
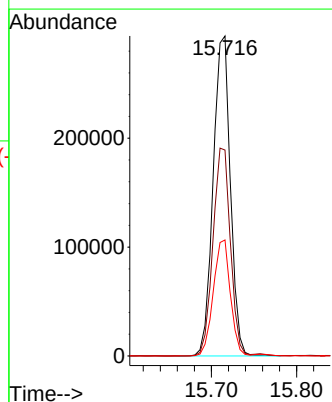
Manual Integrations
APPROVED

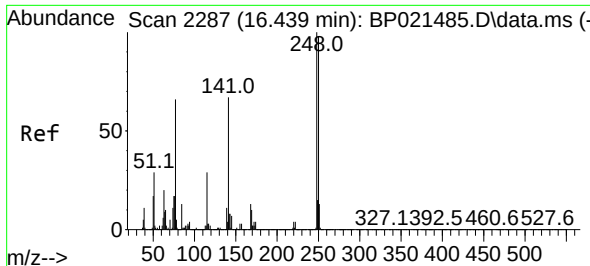
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#66
n-Nitrosodiphenylamine
Concen: 8.292 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

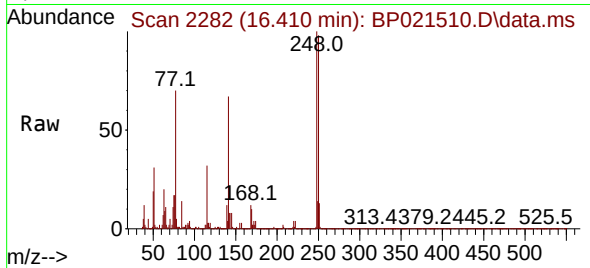
Tgt Ion:169 Resp: 413298
Ion Ratio Lower Upper
169 100
168 64.4 53.4 80.2
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 6.994 ng
RT: 16.410 min Scan# 210
Delta R.T. -0.029 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

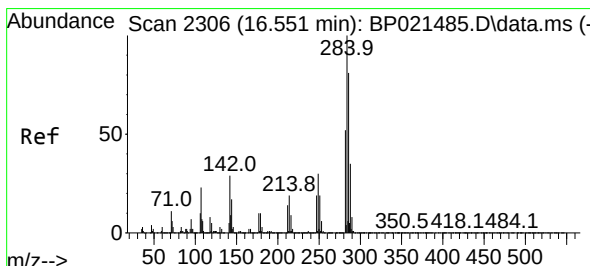
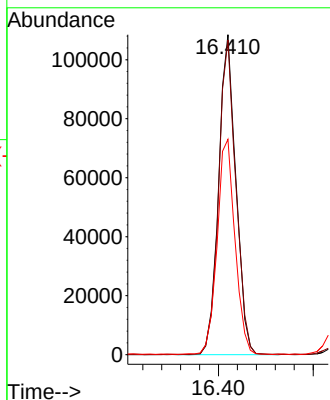
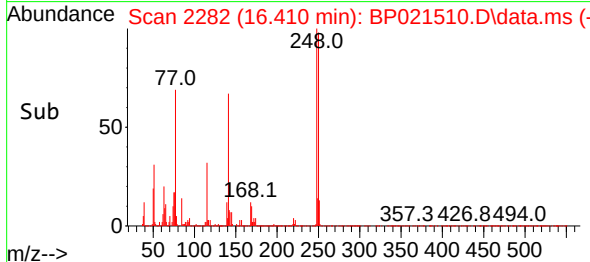
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



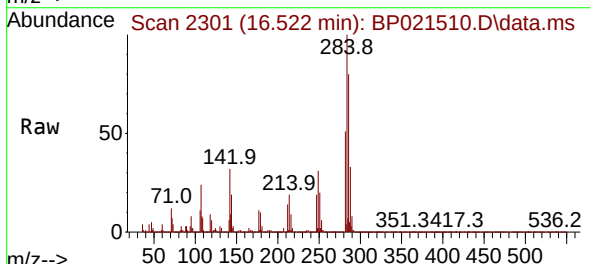
Tgt Ion:248 Resp: 137670
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 67.3 53.9 80.9

Manual Integrations
APPROVED

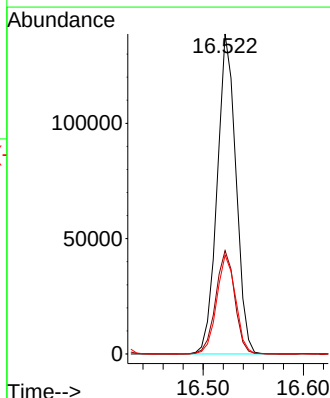
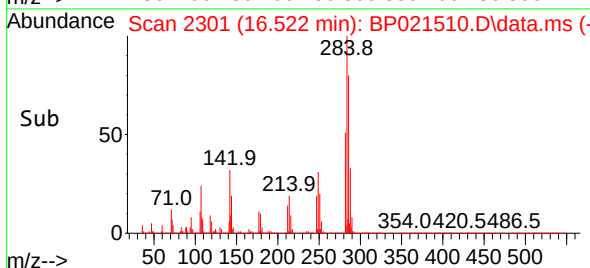
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

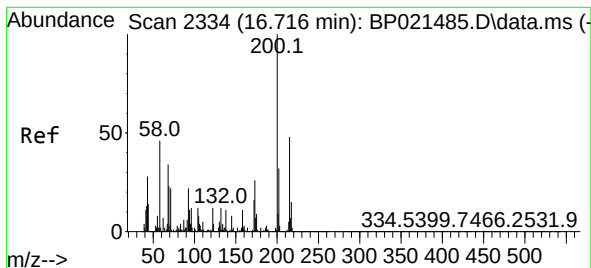


#68
Hexachlorobenzene
Concen: 7.749 ng
RT: 16.522 min Scan# 2301
Delta R.T. -0.029 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



Tgt Ion:284 Resp: 180260
Ion Ratio Lower Upper
284 100
142 32.3 23.4 35.2
249 30.9 24.1 36.1





#69

Atrazine

Concen: 7.514 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

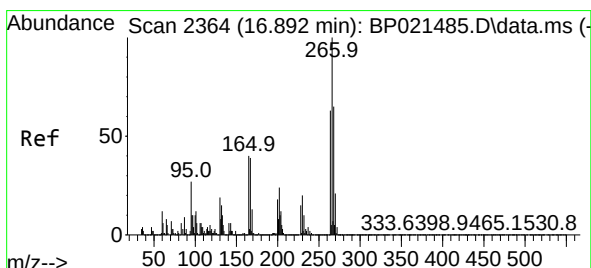
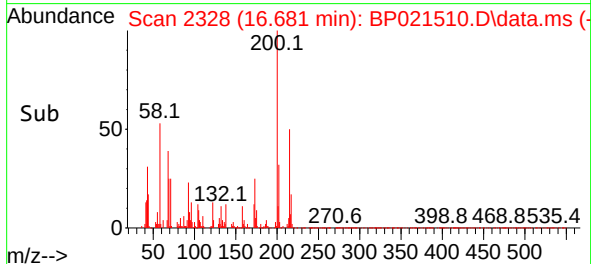
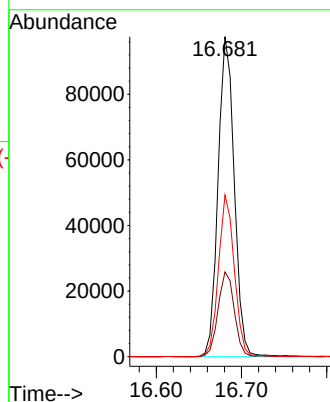
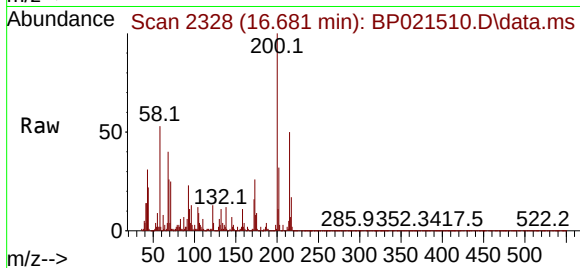
MDL-SOIL-03-QT3-2024

Tgt Ion:200 Resp: 12858
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.2 46.2
 215 50.5 28.4 68.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#70

Pentachlorophenol

Concen: 5.267 ng

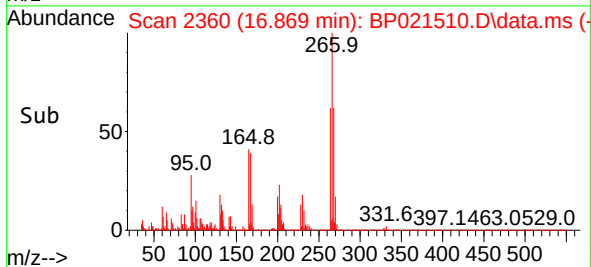
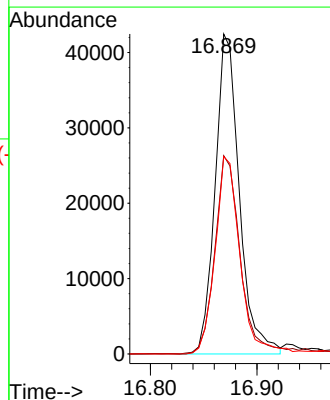
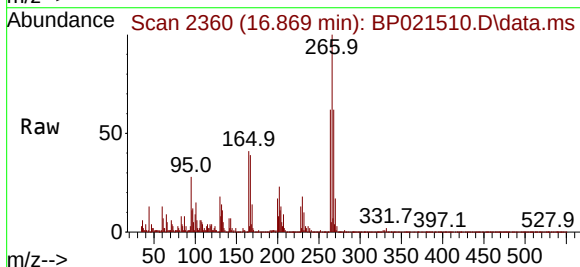
RT: 16.869 min Scan# 2360

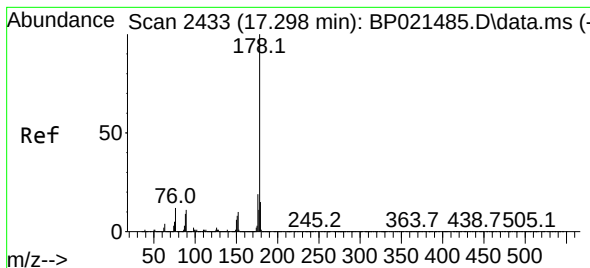
Delta R.T. -0.023 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:266 Resp: 66879
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.8 77.6
 264 61.7 50.5 75.7





#71

Phenanthrene

Concen: 8.484 ng

RT: 17.281 min Scan# 2433

Delta R.T. -0.018 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

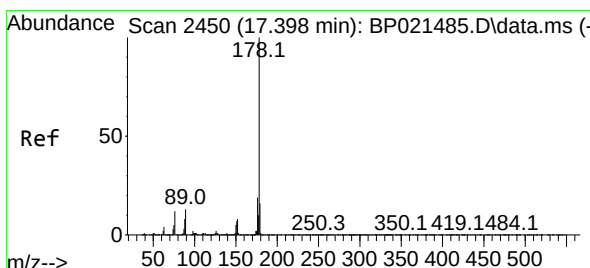
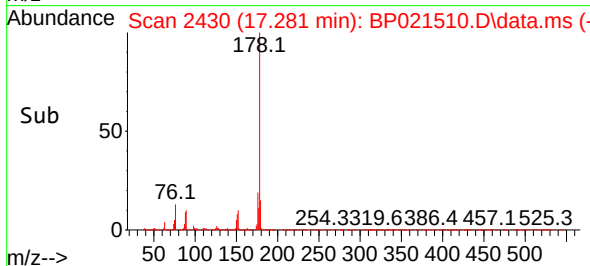
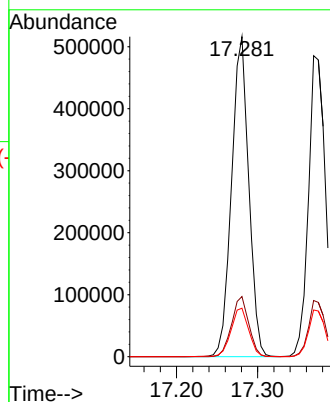
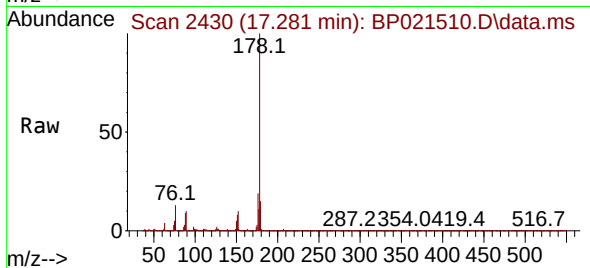
MDL-SOIL-03-QT3-2024

Tgt Ion:178 Resp: 758889
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.2 12.4 18.6

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Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#72

Anthracene

Concen: 8.102 ng

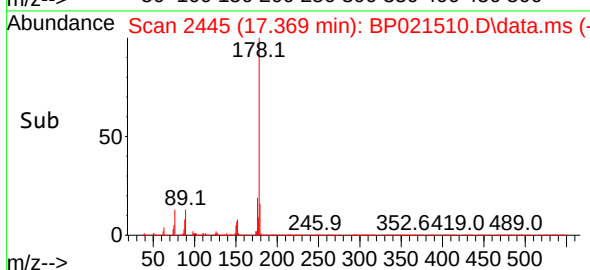
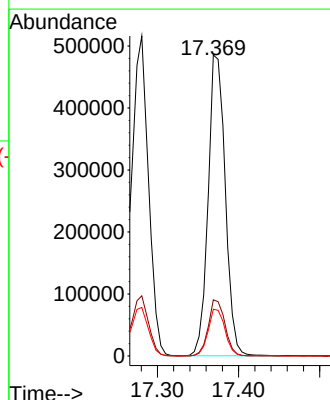
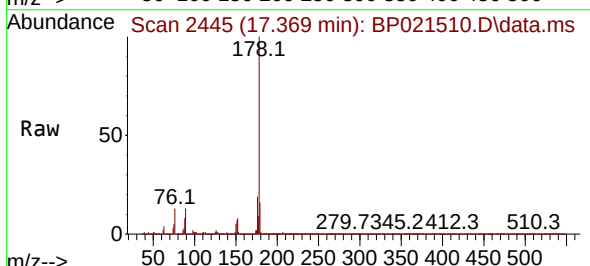
RT: 17.369 min Scan# 2445

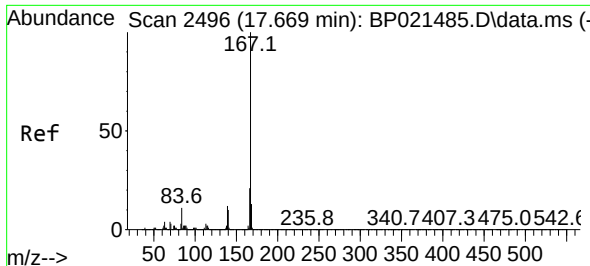
Delta R.T. -0.029 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

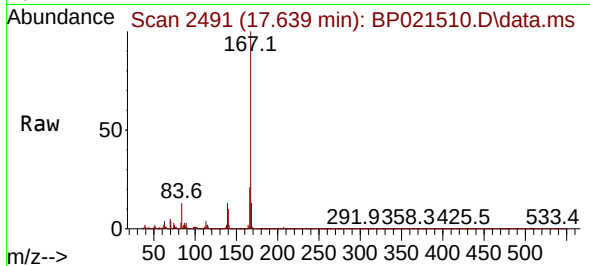
Tgt Ion:178 Resp: 710695
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 7.882 ng
 RT: 17.639 min Scan# 2496
 Delta R.T. -0.029 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00

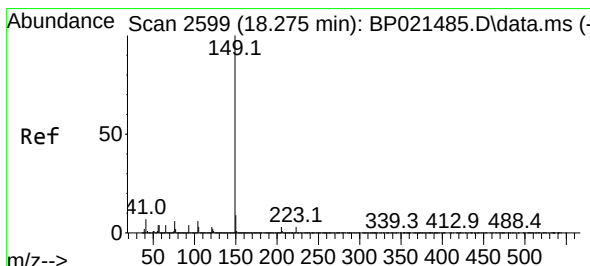
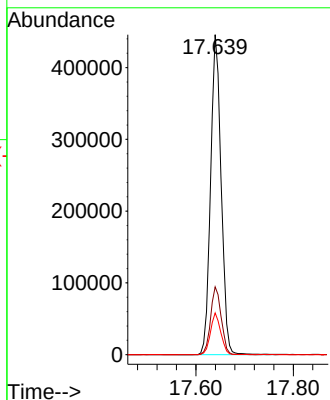
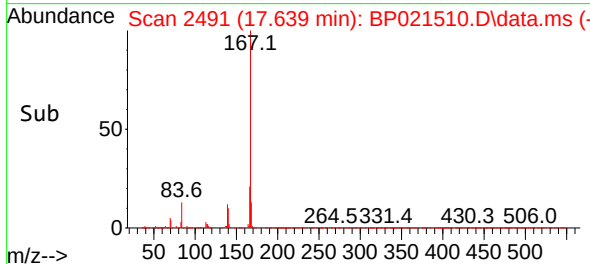
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT3-2024



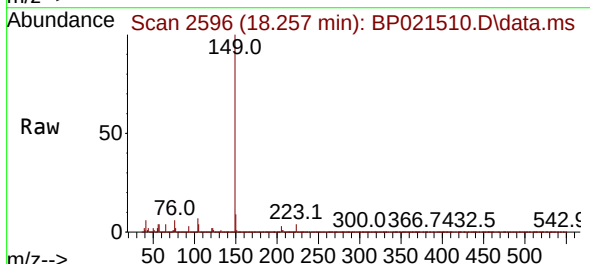
Tgt Ion:167 Resp: 666339
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.1 9.9 14.9

Manual Integrations
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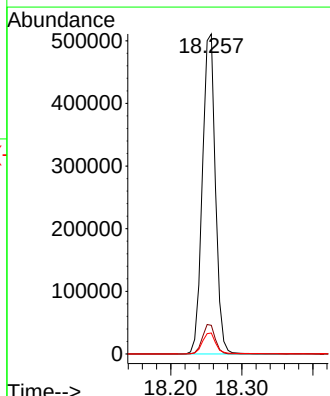
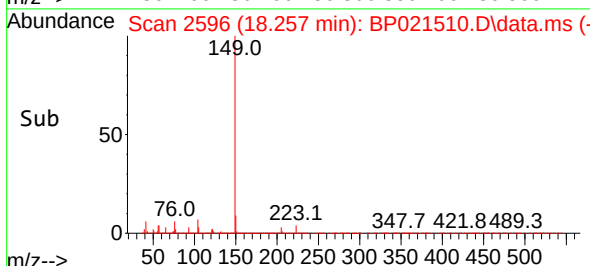
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

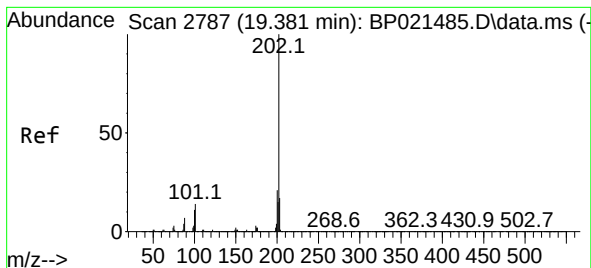


#74
 Di-n-butylphthalate
 Concen: 6.293 ng
 RT: 18.257 min Scan# 2596
 Delta R.T. -0.018 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00



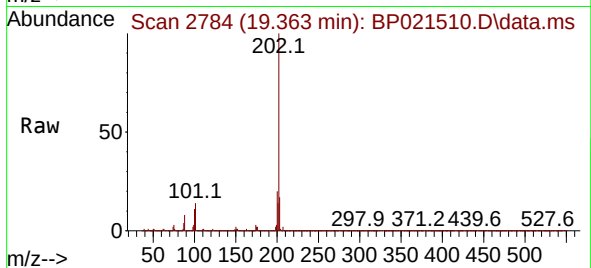
Tgt Ion:149 Resp: 653333
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 6.6 4.9 7.3





#75
Fluoranthene
Concen: 7.372 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

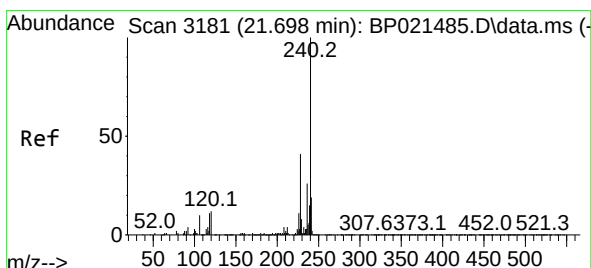
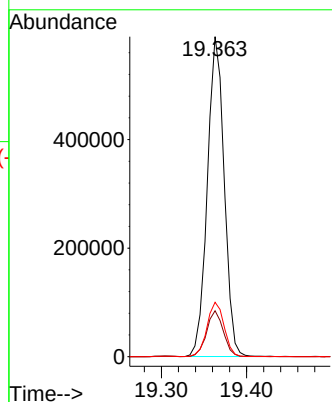
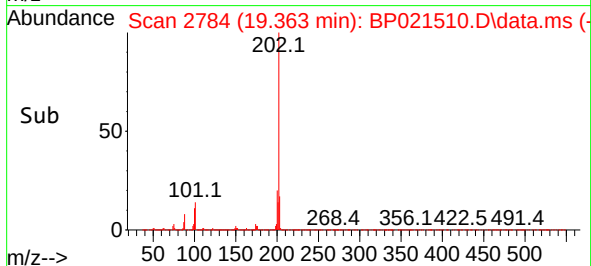
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:202 Resp: 809080
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.0
203 17.0 0.0 37.5

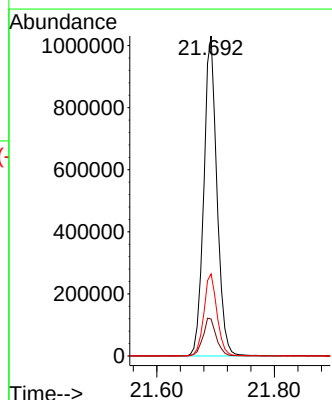
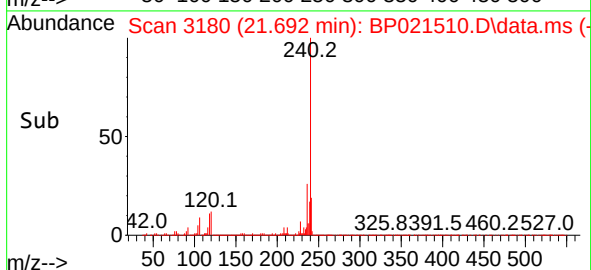
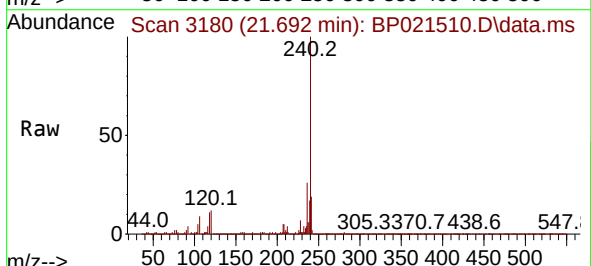
Manual Integrations
APPROVED

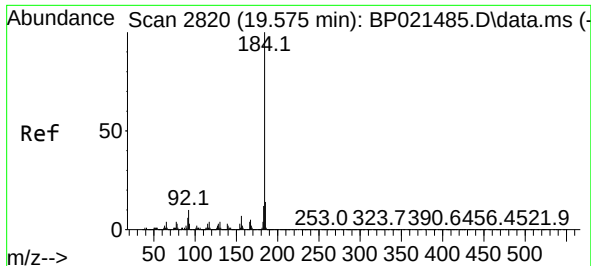
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

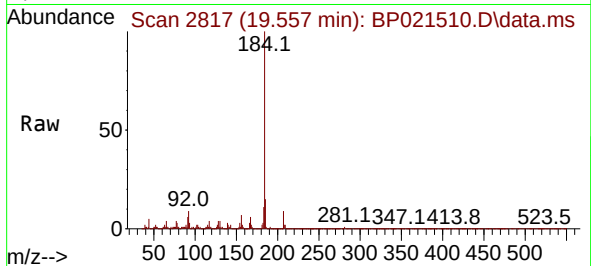
Tgt Ion:240 Resp: 1598210
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.7 20.6 30.8





#77
Benzidine
Concen: 10.033 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

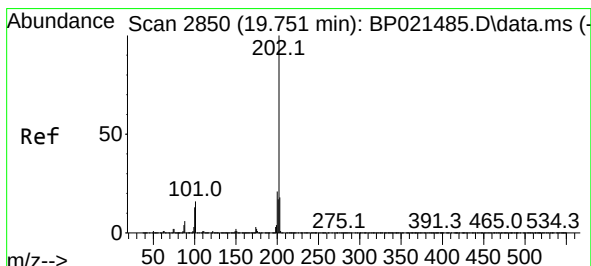
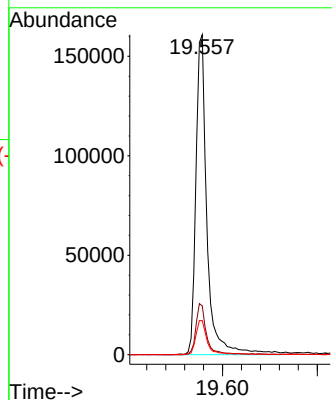
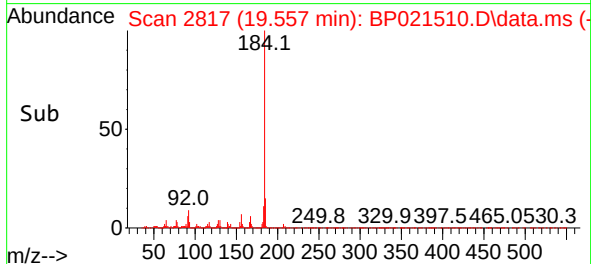
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2024



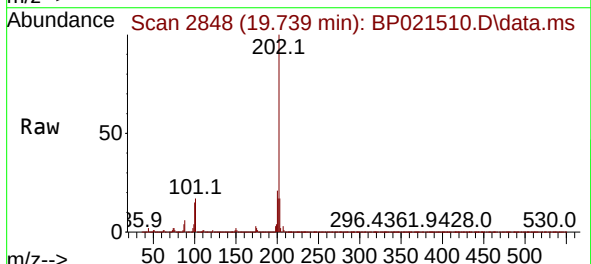
Tgt Ion:184 Resp: 261711
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 10.6 9.3 13.9

Manual Integrations
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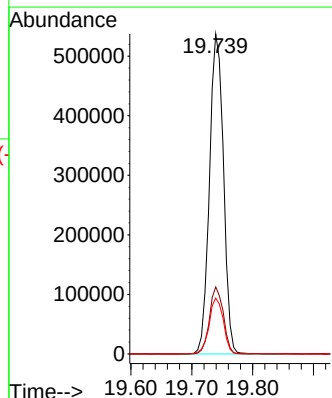
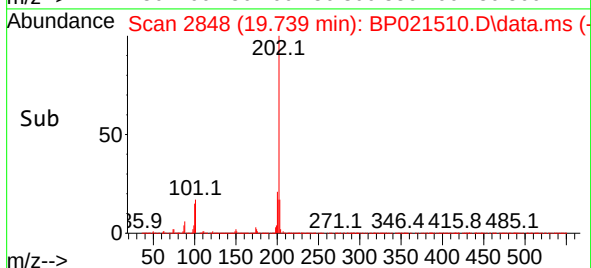
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

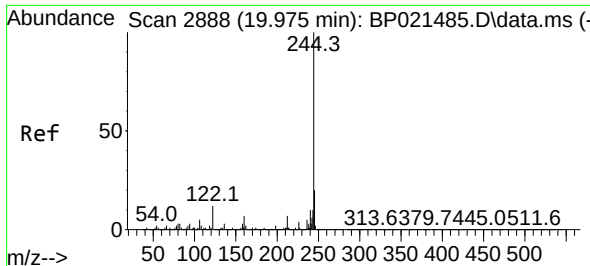


#78
Pyrene
Concen: 8.230 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00



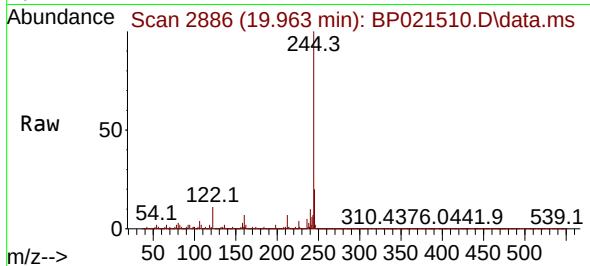
Tgt Ion:202 Resp: 859710
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 83.986 ng
 RT: 19.963 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00

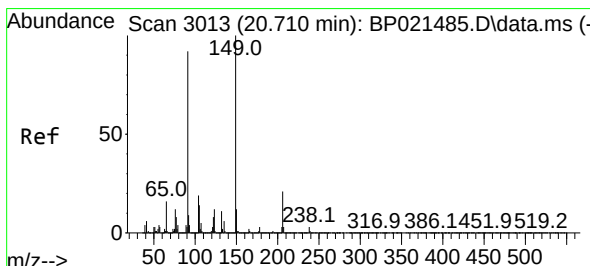
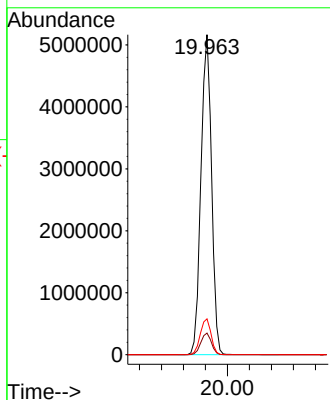
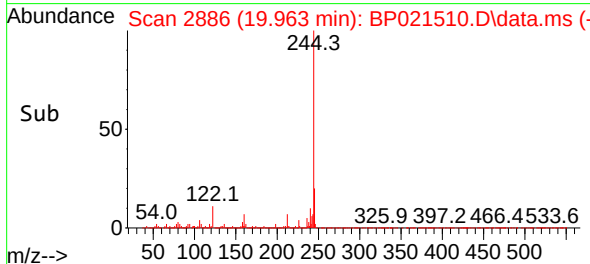
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion:244 Resp: 690917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.2 9.4 14.2

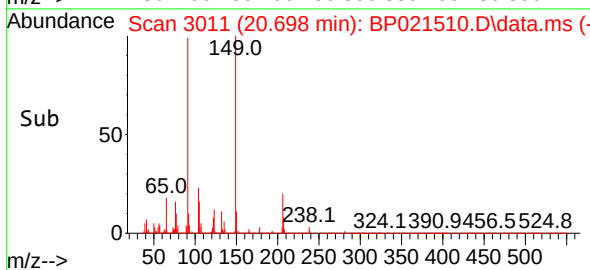
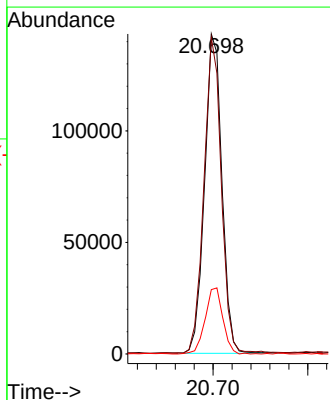
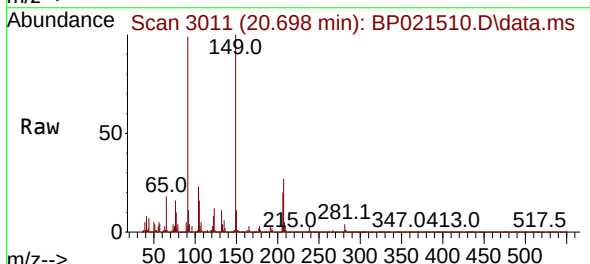
Manual Integrations
 APPROVED

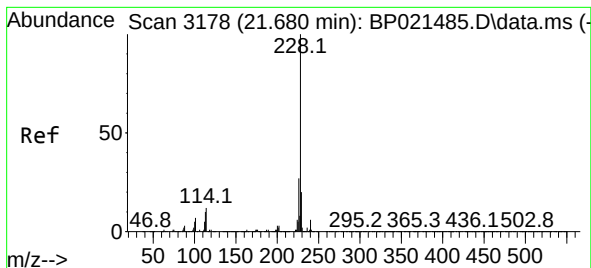
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#80
 Butylbenzylphthalate
 Concen: 7.843 ng
 RT: 20.698 min Scan# 3011
 Delta R.T. -0.012 min
 Lab File: BP021510.D
 Acq: 15 Aug 2024 12:00

Tgt Ion:149 Resp: 181762
 Ion Ratio Lower Upper
 149 100
 91 99.0 73.3 109.9
 206 20.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 8.040 ng

RT: 21.674 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:228 Resp: 806668

Ion Ratio Lower Upper

228 100

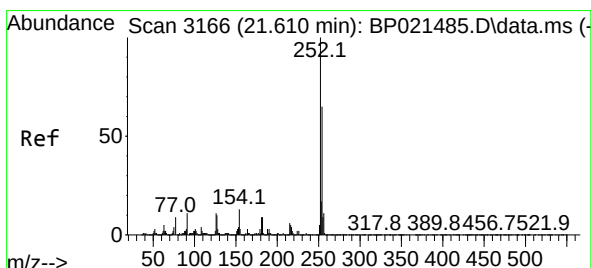
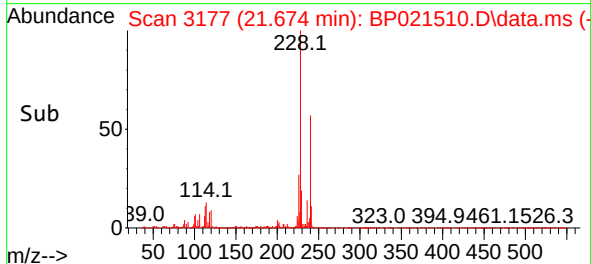
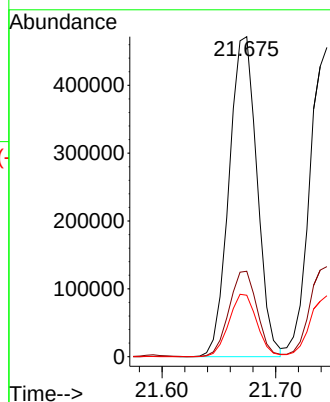
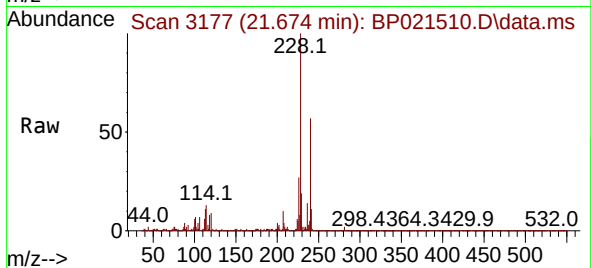
226 26.7 21.4 32.2

229 19.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 7.274 ng

RT: 21.592 min Scan# 3163

Delta R.T. -0.018 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

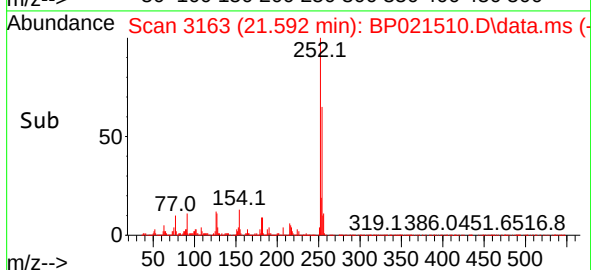
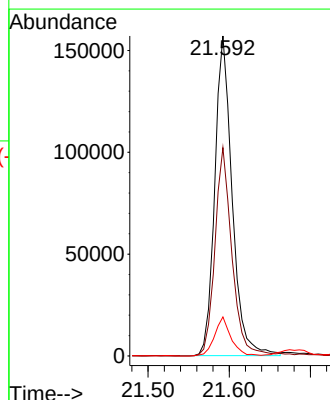
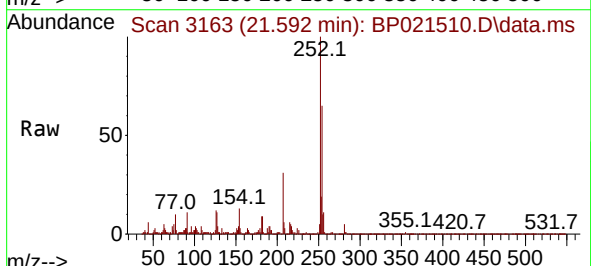
Tgt Ion:252 Resp: 233999

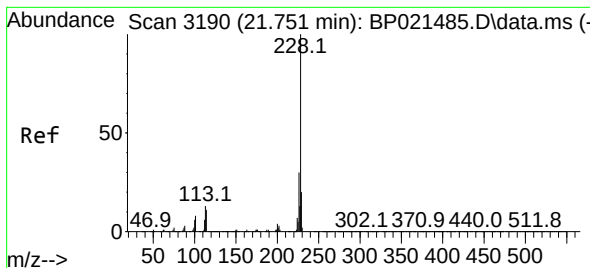
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 12.2 8.7 13.1





#83

Chrysene

Concen: 8.026 ng

RT: 21.745 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

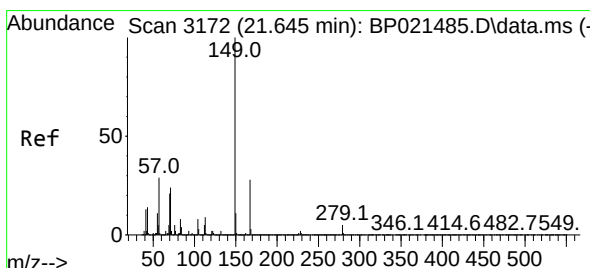
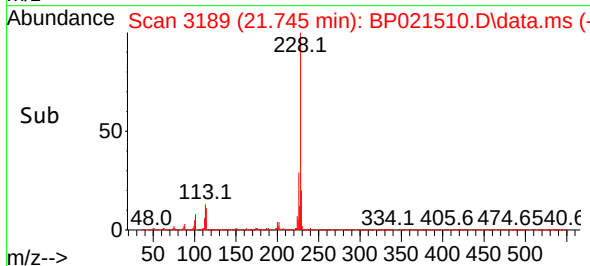
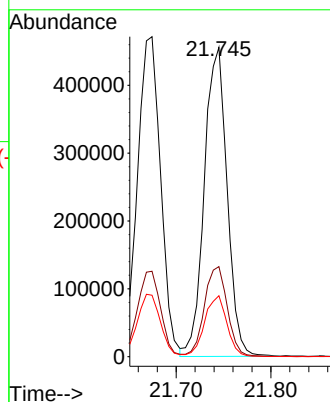
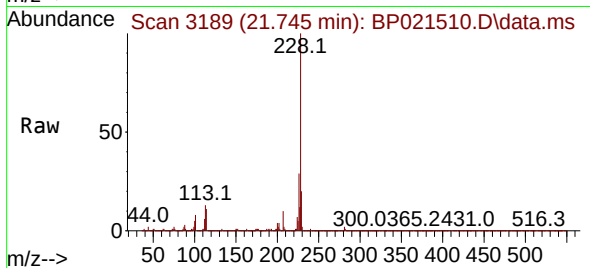
MDL-SOIL-03-QT3-2024

Tgt Ion:	228	Resp:	76030
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.9	35.9
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.555 ng

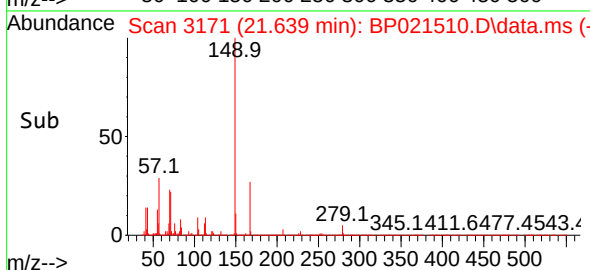
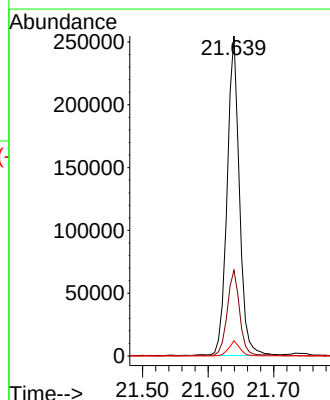
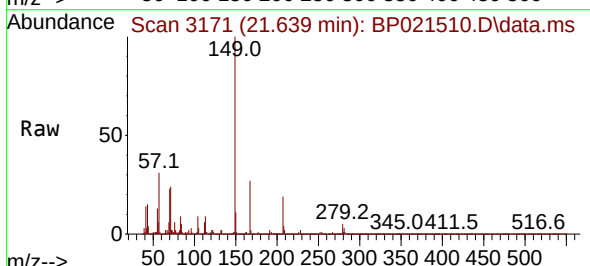
RT: 21.639 min Scan# 3171

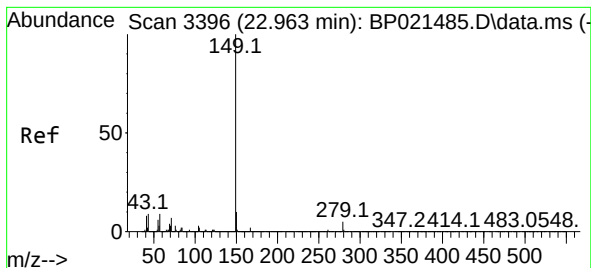
Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:	149	Resp:	329416
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.3	33.5
279	4.7	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 8.297 ng

RT: 22.945 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2024

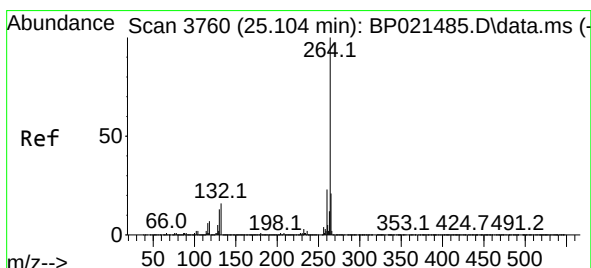
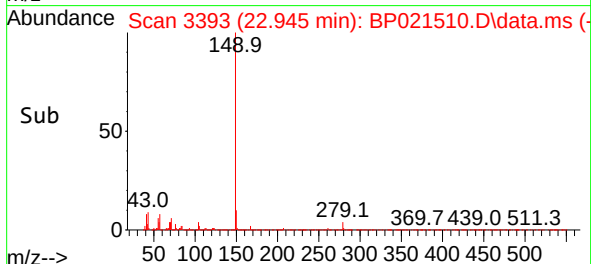
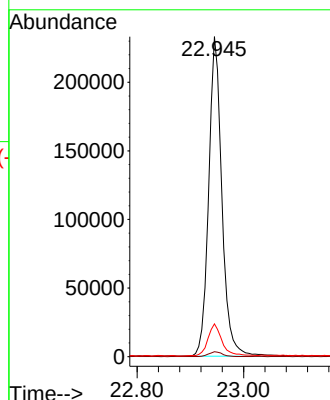
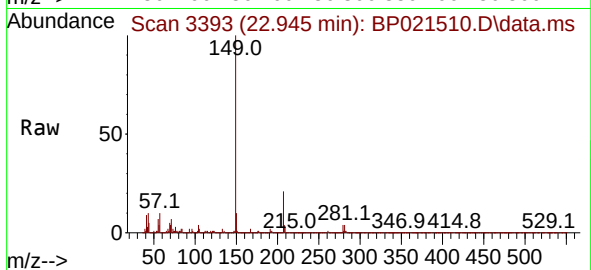
Tgt Ion:149 Resp: 400870

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.086 min Scan# 3757

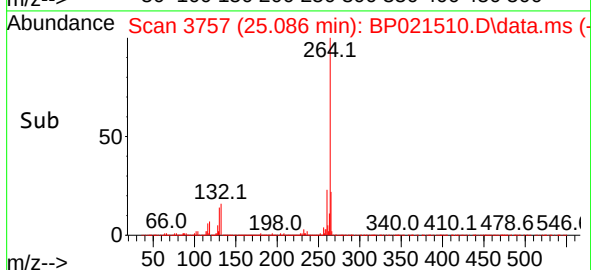
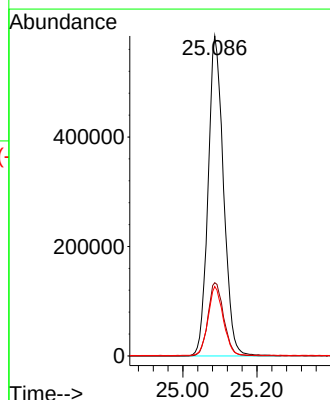
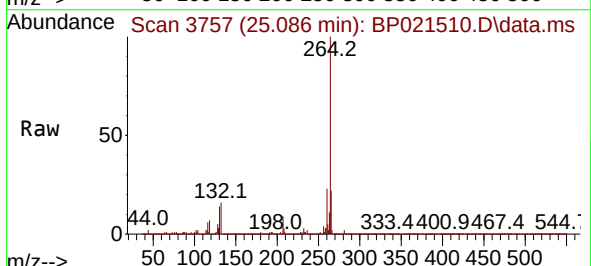
Delta R.T. -0.018 min

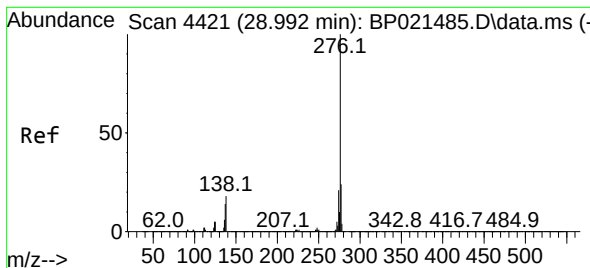
Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:264 Resp: 1686397

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.7	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.572 ng m

RT: 28.939 min Scan# 4421

Delta R.T. -0.053 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

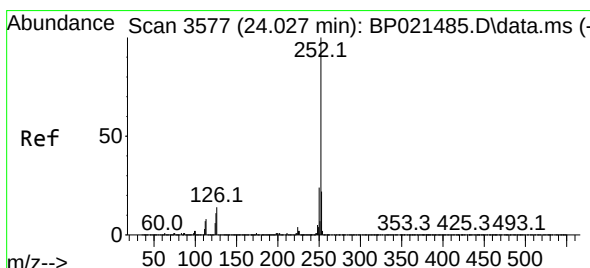
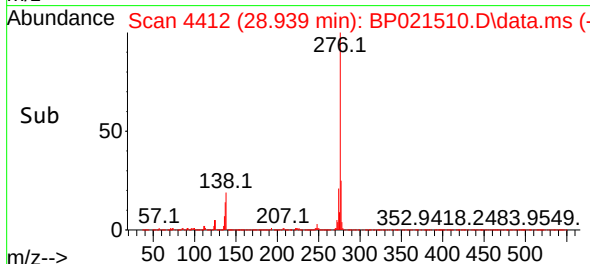
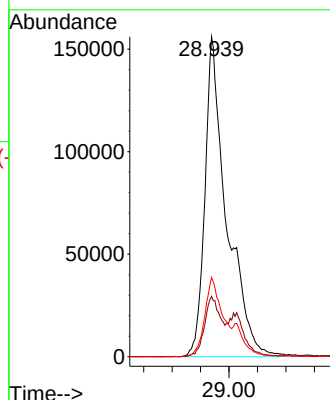
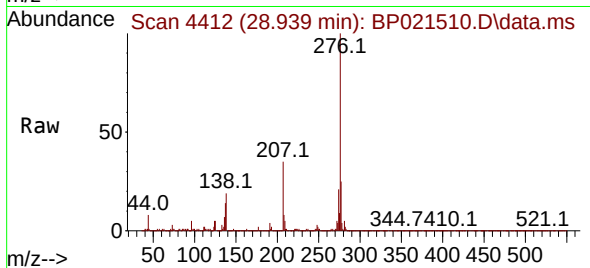
MDL-SOIL-03-QT3-2024

Tgt Ion:	276	Resp:	82776
Ion Ratio	Lower	Upper	
276	100		
138	14.0	12.8	19.2
277	20.1	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#88

Benzo(b)fluoranthene

Concen: 7.563 ng

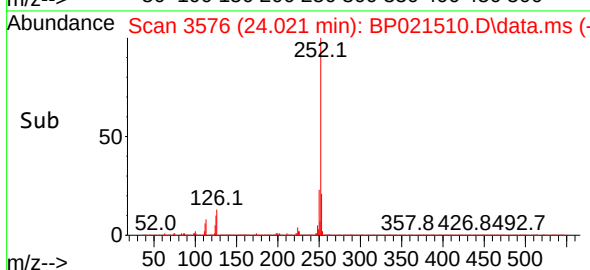
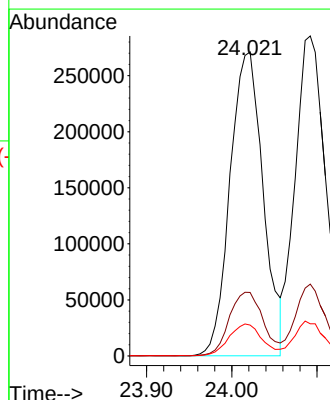
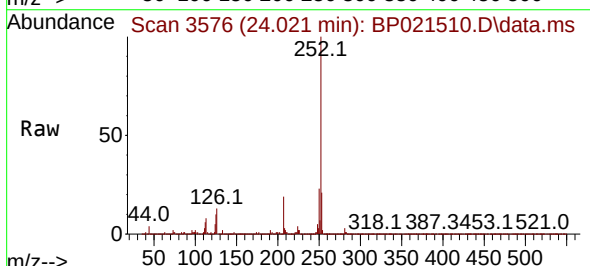
RT: 24.021 min Scan# 3576

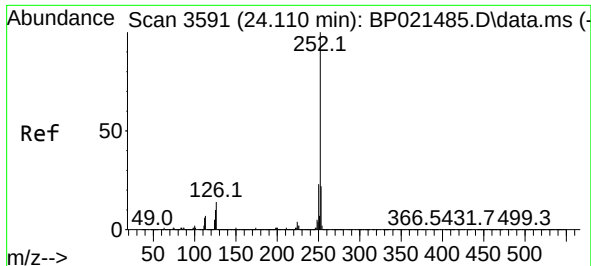
Delta R.T. -0.006 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:	252	Resp:	732541
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.6	26.4
125	10.2	8.6	13.0





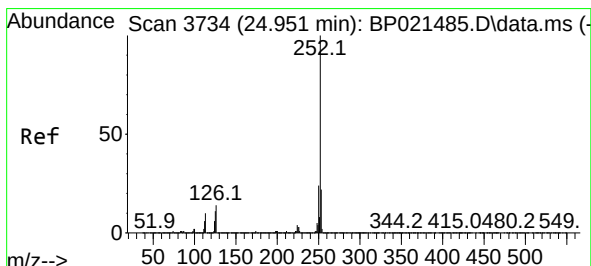
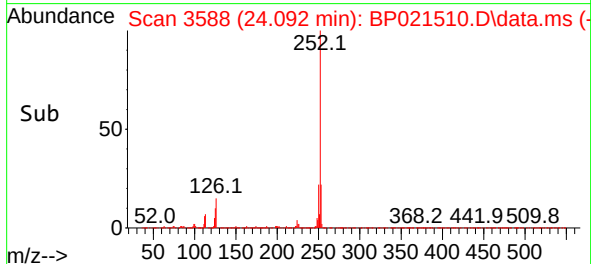
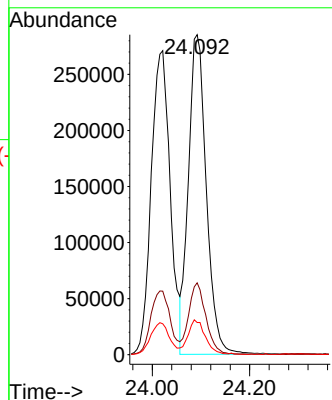
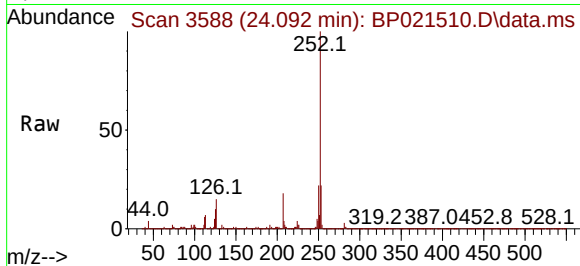
#89
Benzo(k)fluoranthene
Concen: 7.731 ng
RT: 24.092 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:252 Resp: 73048
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.0 7.8 11.8

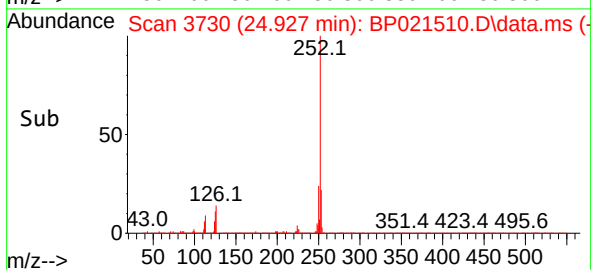
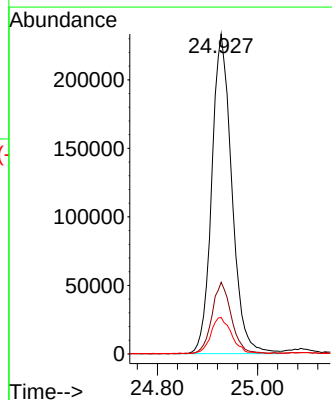
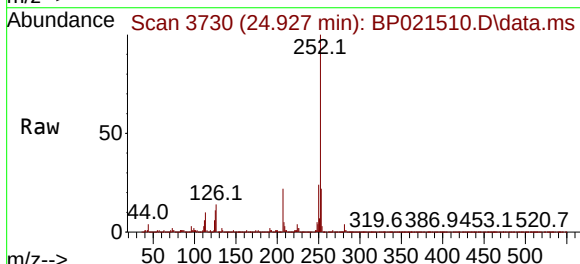
Manual Integrations
APPROVED

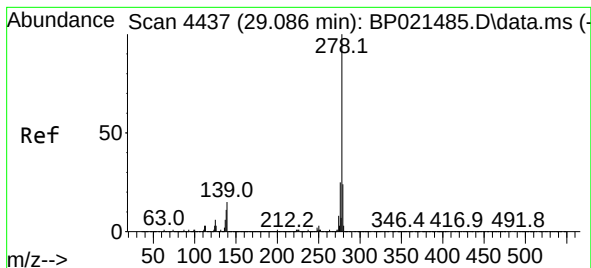
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90
Benzo(a)pyrene
Concen: 7.715 ng
RT: 24.927 min Scan# 3730
Delta R.T. -0.024 min
Lab File: BP021510.D
Acq: 15 Aug 2024 12:00

Tgt Ion:252 Resp: 648420
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 7.638 ng

RT: 29.027 min Scan# 4437

Delta R.T. -0.059 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Instrument :

BNA_P

ClientSampleId :

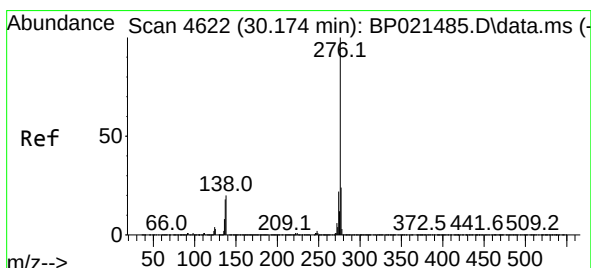
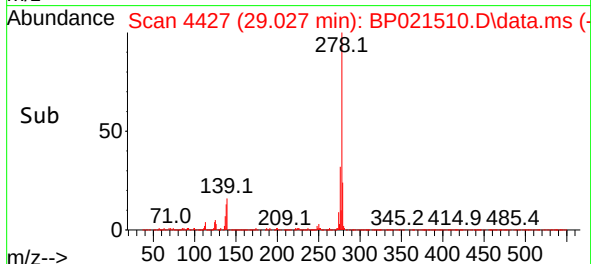
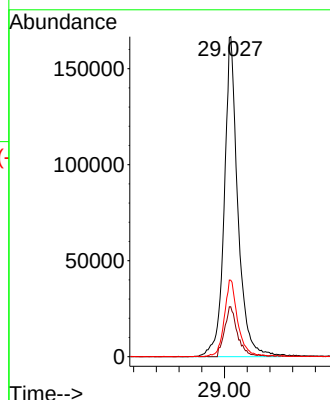
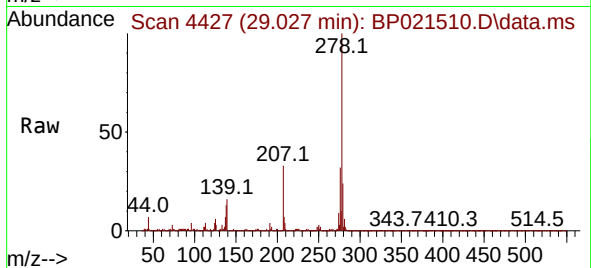
MDL-SOIL-03-QT3-2024

Tgt Ion:	278	Resp:	693704
Ion Ratio	Lower	Upper	
278	100		
139	15.6	12.2	18.4
279	23.9	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#92

Benzo(g,h,i)perylene

Concen: 7.465 ng

RT: 30.139 min Scan# 4616

Delta R.T. -0.035 min

Lab File: BP021510.D

Acq: 15 Aug 2024 12:00

Tgt Ion:	276	Resp:	679547
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.6
138	21.4	16.0	24.0

