

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
 Data File : BP006490.D
 Acq On : 04 Aug 2021 11:47
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:07:05 PM

Quant Time: Aug 04 12:38:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	160619	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	695154	20.000	ng	# 0.00
39) Acenaphthene-d10	14.386	164	405381	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	807632	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	831494	20.000	ng	# 0.00
86) Perylene-d12	23.568	264	856402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	986284	94.315	ng	0.00
7) Phenol-d6	6.928	99	1413829	95.176	ng	0.00
23) Nitrobenzene-d5	8.910	82	790258	52.472	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	398270	94.005	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1392189	51.381	ng	0.00
79) Terphenyl-d14	19.716	244	2072734	49.950	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	38843	8.532	ng	89
3) Pyridine	3.699	79	123841	9.255	ng	96
4) n-Nitrosodimethylamine	3.611	42	54548	10.801	ng	# 91
6) Aniline	7.093	93	188120	11.658	ng	94
8) 2-Chlorophenol	7.322	128	114208	10.094	ng	90
9) Benzaldehyde	6.905	77	99923	11.176	ng	87
10) Phenol	6.957	94	154442	10.368	ng	97
11) bis(2-Chloroethyl)ether	7.193	93	118525	10.479	ng	91
12) 1,3-Dichlorobenzene	7.646	146	120608	10.228	ng	97
13) 1,4-Dichlorobenzene	7.793	146	123026	10.279	ng	97
14) 1,2-Dichlorobenzene	8.104	146	120851	10.523	ng	98
15) Benzyl Alcohol	7.999	79	112745	10.121	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.293	45	145028	10.776	ng	94
17) 2-Methylphenol	8.199	107	96223	10.230	ng	97
18) Hexachloroethane	8.822	117	49350	10.418	ng	# 87
19) n-Nitroso-di-n-propyla...	8.563	70	104221	10.457	ng	95
20) 3+4-Methylphenols	8.522	107	126904	9.913	ng	95
22) Acetophenone	8.575	105	156887	8.510	ng	# 96
24) Nitrobenzene	8.951	77	157073	10.033	ng	# 88
25) Isophorone	9.481	82	251131	9.284	ng	# 93
26) 2-Nitrophenol	9.663	139	50369	8.841	ng	91
27) 2,4-Dimethylphenol	9.722	122	104843	10.989	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	159032	10.988	ng	98
29) 2,4-Dichlorophenol	10.187	162	86396	8.944	ng	93
30) 1,2,4-Trichlorobenzene	10.404	180	103175	9.940	ng	96
31) Naphthalene	10.587	128	375265	10.046	ng	100
32) Benzoic acid	9.804	122	67149	9.098	ng	93
33) 4-Chloroaniline	10.704	127	154616	10.229	ng	# 93
34) Hexachlorobutadiene	10.875	225	59237	9.794	ng	98
35) Caprolactam	11.487	113	25481	7.316	ng	# 75
36) 4-Chloro-3-methylphenol	11.828	107	112180	9.141	ng	91
37) 2-Methylnaphthalene	12.204	142	251582	9.939	ng	99
38) 1-Methylnaphthalene	12.422	142	235950	9.809	ng	97
40) 1,2,4,5-Tetrachloroben...	12.569	216	86423	8.145	ng	# 95
41) Hexachlorocyclopentadiene	12.551	237	70216	12.478	ng	96
43) 2,4,6-Trichlorophenol	12.816	196	63658	8.787	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
 Data File : BP006490.D
 Acq On : 04 Aug 2021 11:47
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

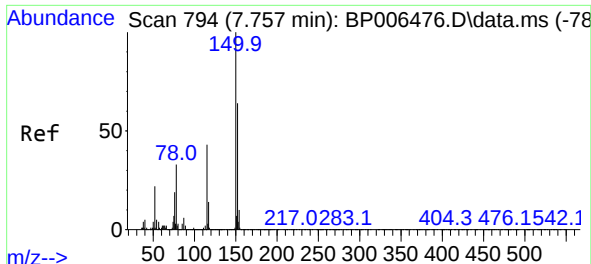
Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:07:05 PM

Quant Time: Aug 04 12:38:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

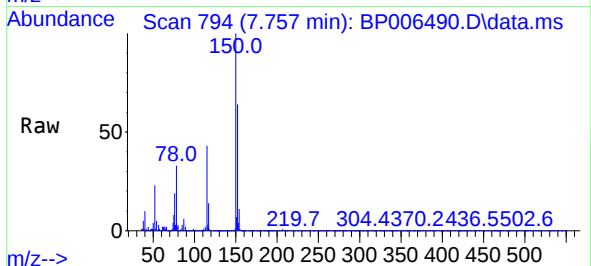
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	70568	8.800	ng	# 88
46) 1,1'-Biphenyl	13.222	154	258220	8.416	ng	96
47) 2-Chloronaphthalene	13.257	162	235070	9.948	ng	93
48) 2-Nitroaniline	13.469	65	75338	9.035	ng	# 82
49) Acenaphthylene	14.110	152	385511	10.118	ng	98
50) Dimethylphthalate	13.851	163	298418	10.113	ng	99
51) 2,6-Dinitrotoluene	13.969	165	58070	8.819	ng	# 69
52) Acenaphthene	14.451	154	230350	9.934	ng	97
53) 3-Nitroaniline	14.298	138	67794	9.287	ng	82
54) 2,4-Dinitrophenol	14.504	184	34879	10.129	ng	# 80
55) Dibenzofuran	14.786	168	363271	9.960	ng	93
56) 4-Nitrophenol	14.604	139	56178	8.863	ng	# 85
57) 2,4-Dinitrotoluene	14.757	165	76294	8.640	ng	# 76
58) Fluorene	15.439	166	286336	9.822	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.010	232	61951	9.218	ng	# 70
60) Diethylphthalate	15.222	149	305999	9.873	ng	97
61) 4-Chlorophenyl-phenyle...	15.439	204	131251	9.942	ng	# 86
62) 4-Nitroaniline	15.463	138	69586	8.984	ng	90
63) Azobenzene	15.733	77	351119	9.717	ng	93
65) 4,6-Dinitro-2-methylph...	15.516	198	34345m	6.960	ng	
66) n-Nitrosodiphenylamine	15.651	169	245521	9.672	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	74084	9.560	ng	# 85
68) Hexachlorobenzene	16.439	284	87614	9.935	ng	# 88
69) Atrazine	16.610	200	62835	7.932	ng	94
70) Pentachlorophenol	16.786	266	48936	8.746	ng	99
71) Phenanthrene	17.180	178	462523	10.153	ng	100
72) Anthracene	17.275	178	446203	10.137	ng	99
73) Carbazole	17.551	167	426477	9.498	ng	98
74) Di-n-butylphthalate	18.116	149	475550	9.296	ng	99
75) Fluoranthene	19.157	202	507513	9.926	ng	94
77) Benzidine	19.345	184	190825	9.171	ng	100
78) Pyrene	19.510	202	535062	9.634	ng	99
80) Butylbenzylphthalate	20.404	149	204361	8.368	ng	89
81) Benzo(a)anthracene	21.221	228	522544	9.616	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	135984	9.532	ng	# 96
83) Chrysene	21.274	228	514175	9.760	ng	100
84) Bis(2-ethylhexyl)phtha...	21.168	149	310802	8.469	ng	# 95
85) Di-n-octyl phthalate	22.074	149	506583	8.374	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.968	276	609594	9.817	ng	# 89
88) Benzo(b)fluoranthene	22.857	252	526828	9.465	ng	# 95
89) Benzo(k)fluoranthene	22.904	252	535964	10.029	ng	# 95
90) Benzo(a)pyrene	23.462	252	498994	9.995	ng	# 94
91) Dibenzo(a,h)anthracene	25.986	278	529194	9.856	ng	# 91
92) Benzo(g,h,i)perylene	26.703	276	509463	9.902	ng	# 88

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

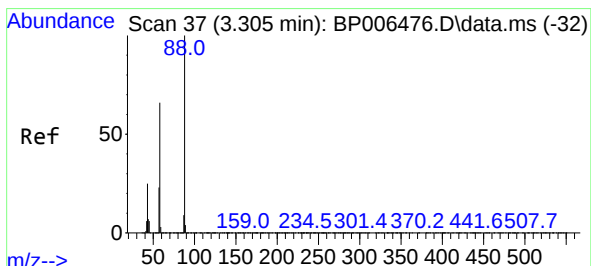
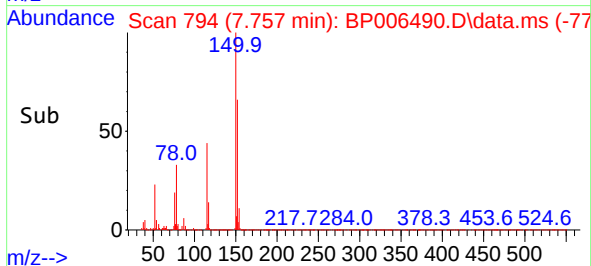
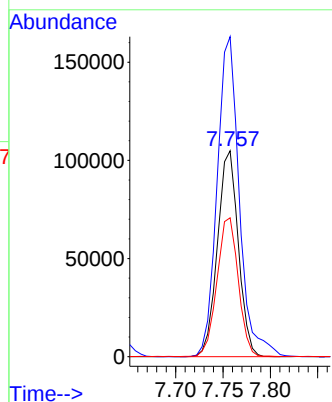
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:152 Resp: 160619
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 67.4 48.5 72.7

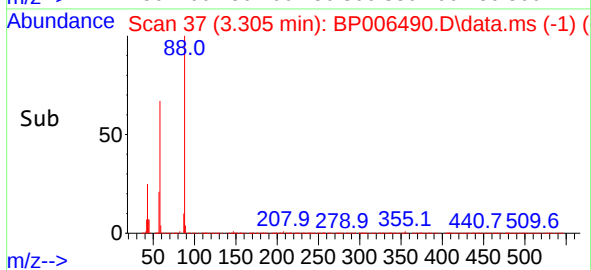
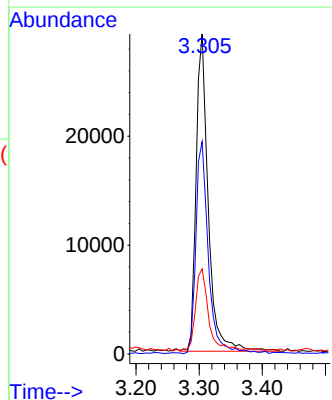
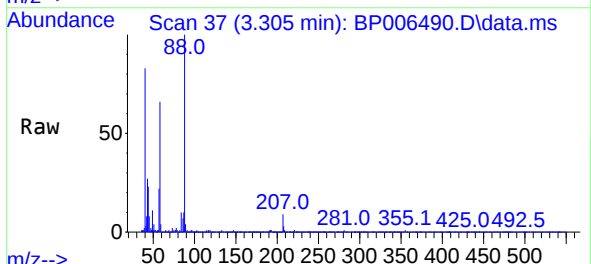
Manual Integrations
APPROVED

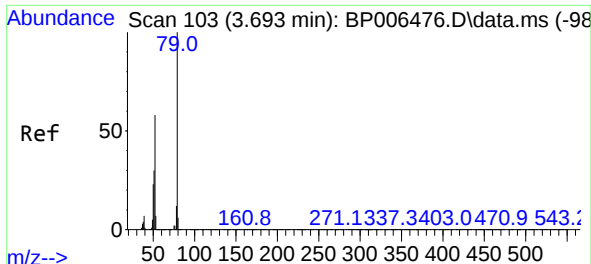
mohammad
8/5/2021 5:07:05 PM



#2
1,4-Dioxane
Concen: 8.532 ng
RT: 3.305 min Scan# 37
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 88 Resp: 38843
Ion Ratio Lower Upper
88 100
58 69.1 46.7 70.1
43 26.9 20.3 30.5





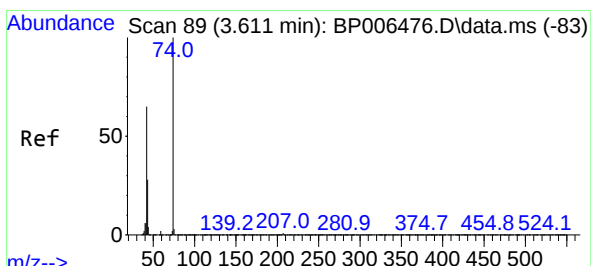
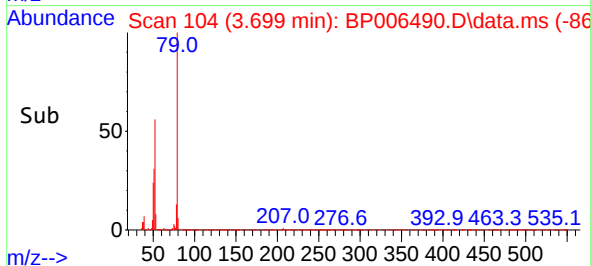
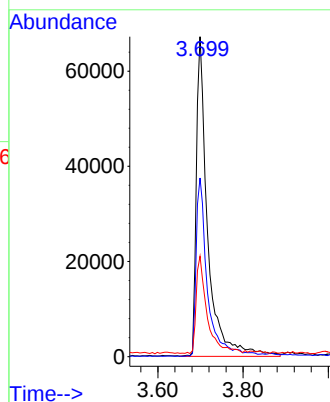
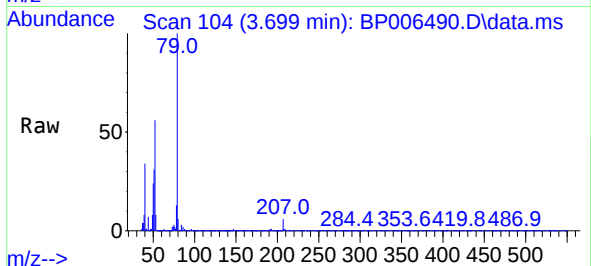
#3
Pyridine
Concen: 9.255 ng
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 79 Resp: 123841
Ion Ratio Lower Upper
79 100
52 55.8 41.7 62.5
51 31.4 24.1 36.1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

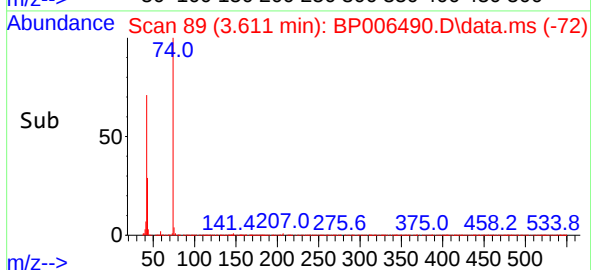
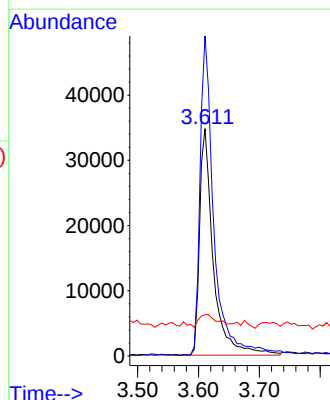
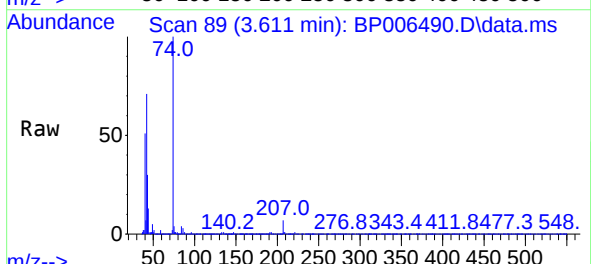
Manual Integrations
APPROVED

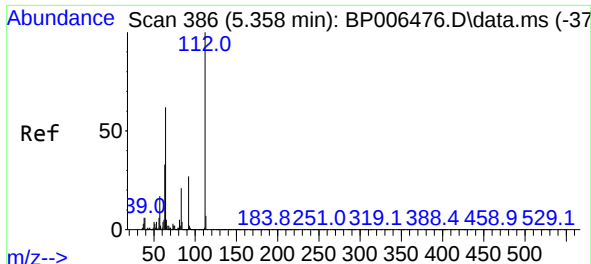
mohammad
8/5/2021 5:07:05 PM



#4
n-Nitrosodimethylamine
Concen: 10.801 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 42 Resp: 54548
Ion Ratio Lower Upper
42 100
74 140.8 105.4 158.0
44 18.1 4.2 6.4





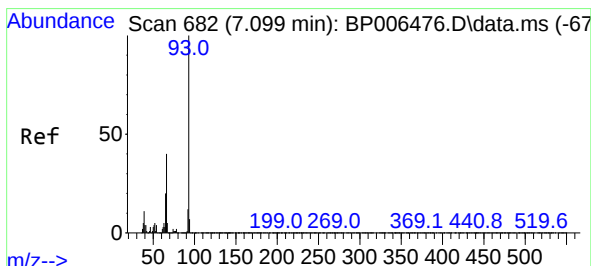
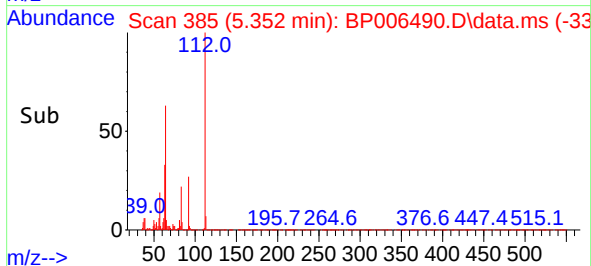
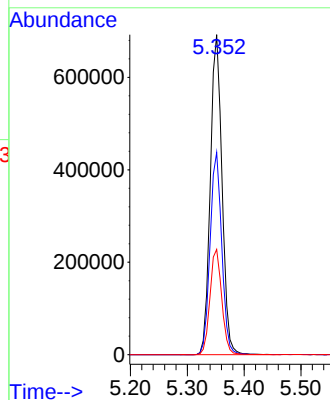
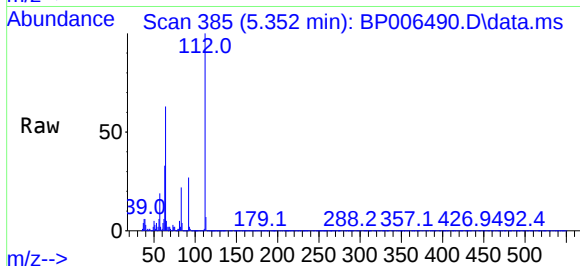
#5
2-Fluorophenol
Concen: 94.315 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 112 Resp: 986284
Ion Ratio Lower Upper
112 100
64 63.2 41.4 62.2#
63 32.9 23.8 35.8

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

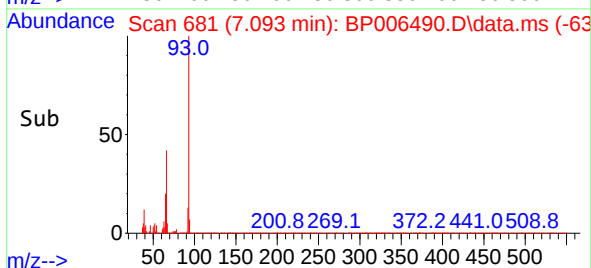
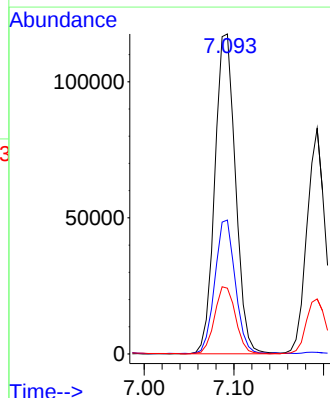
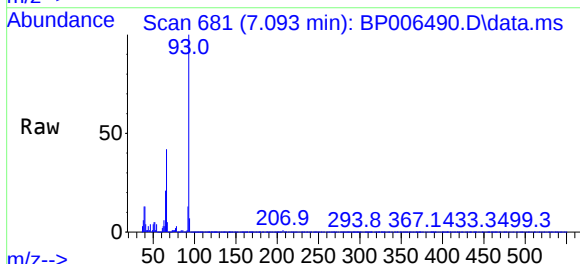
Manual Integrations
APPROVED

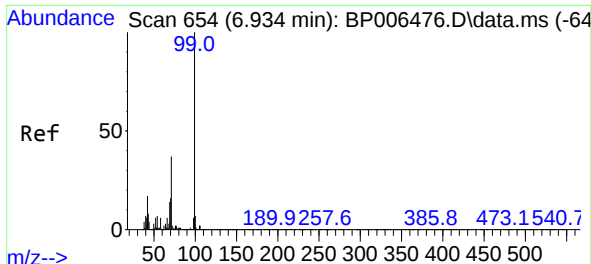
mohammad
8/5/2021 5:07:05 PM



#6
Aniline
Concen: 11.658 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

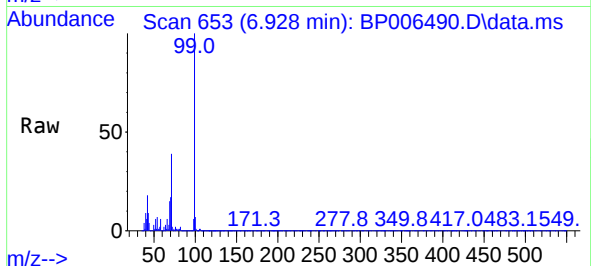
Tgt Ion: 93 Resp: 188120
Ion Ratio Lower Upper
93 100
66 41.8 29.7 44.5
65 20.5 15.3 22.9





#7
Phenol-d6
Concen: 95.176 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

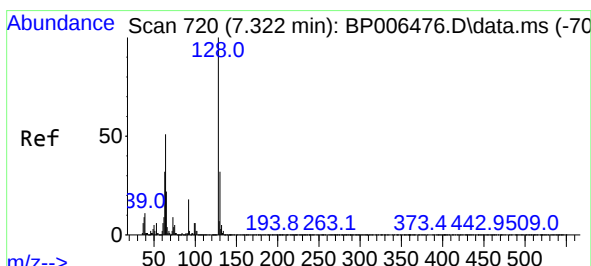
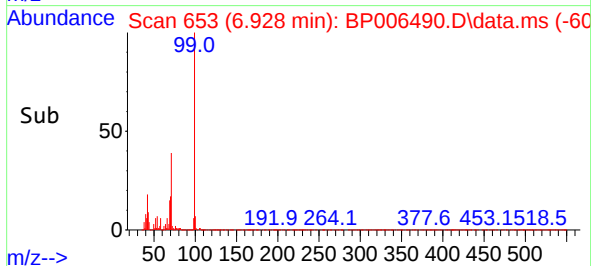
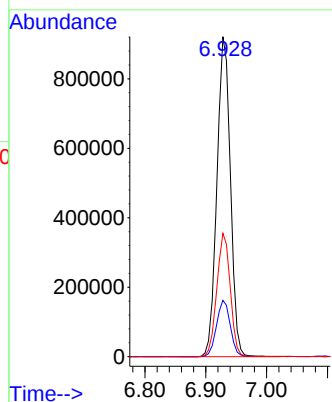


Tgt Ion: 99 Resp: 1413829

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.0
71	38.6	30.6	46.0

Manual Integrations
APPROVED

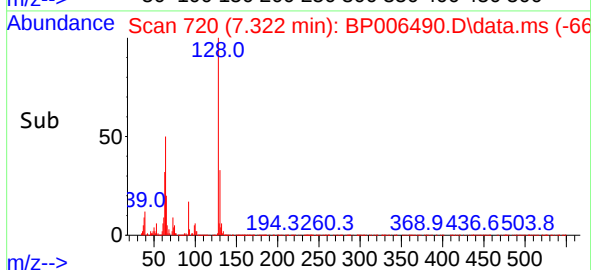
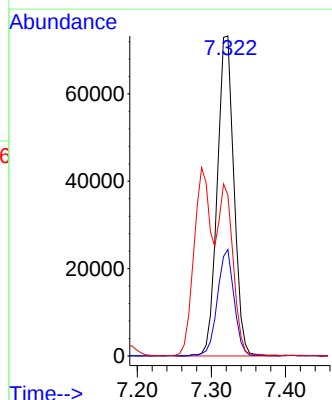
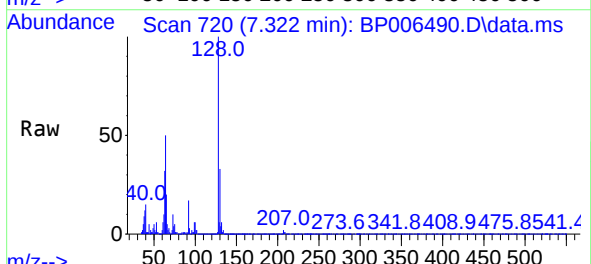
mohammad
8/5/2021 5:07:05 PM

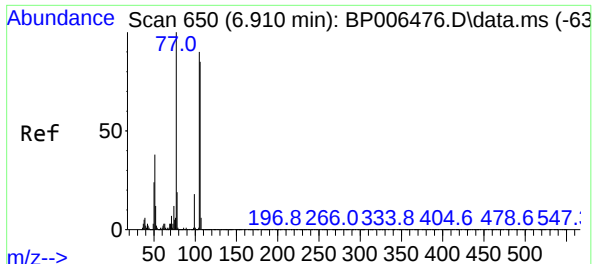


#8
2-Chlorophenol
Concen: 10.094 ng
RT: 7.322 min Scan# 720
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 128 Resp: 114208

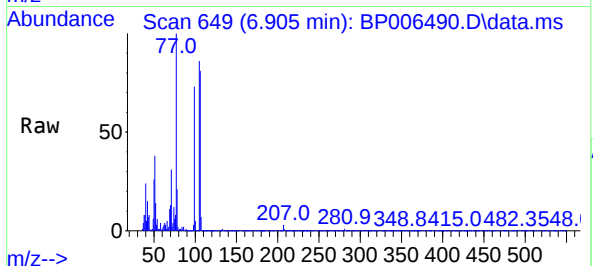
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.4	52.4
64	50.3	20.3	60.3





#9
Benzaldehyde
Concen: 11.176 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

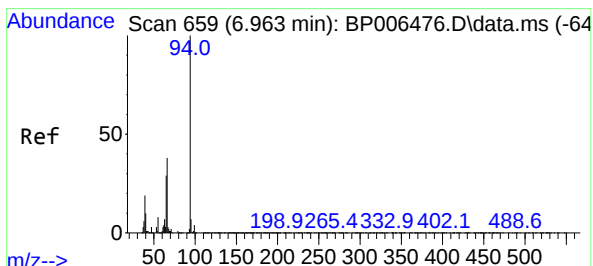
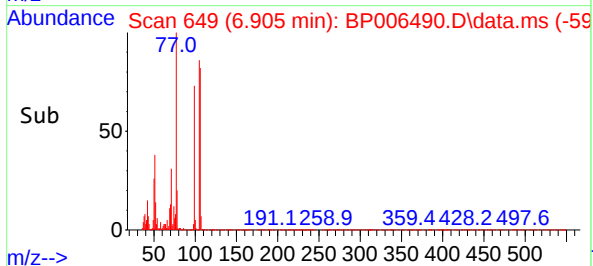
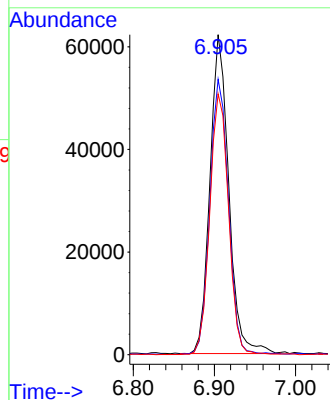
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 77 Resp: 99923
Ion Ratio Lower Upper
77 100
105 86.1 76.7 116.7
106 81.5 76.2 116.2

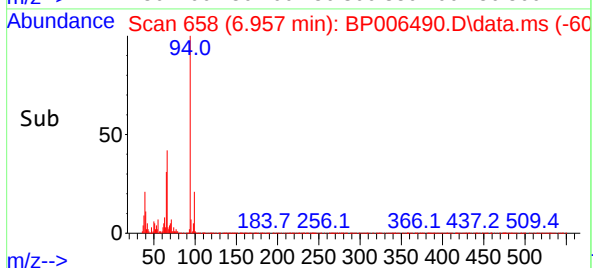
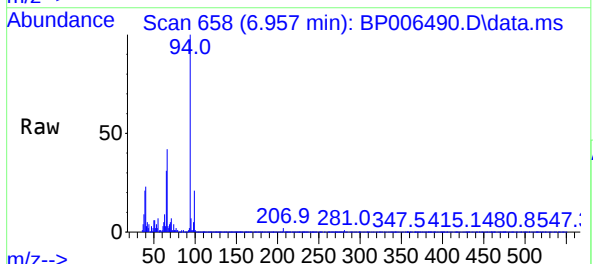
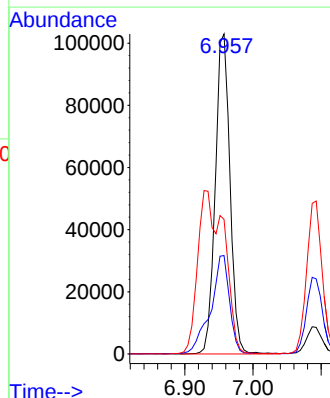
Manual Integrations
APPROVED

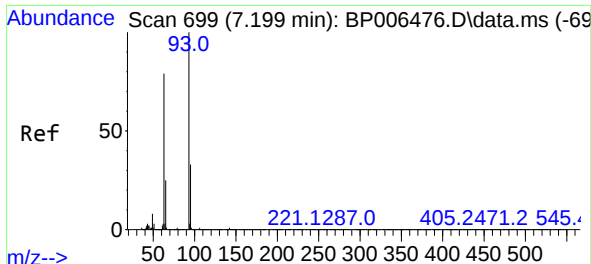
mohammad
8/5/2021 5:07:05 PM



#10
Phenol
Concen: 10.368 ng
RT: 6.957 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

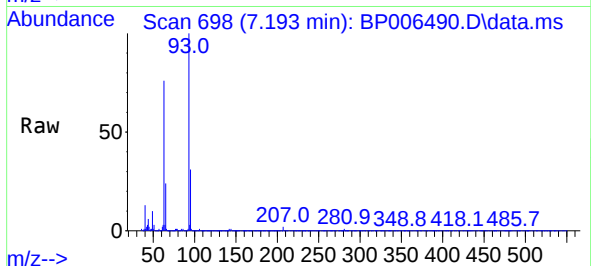
Tgt Ion: 94 Resp: 154442
Ion Ratio Lower Upper
94 100
65 30.8 8.8 48.8
66 42.0 20.7 60.7





#11
bis(2-Chloroethyl)ether
Concen: 10.479 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

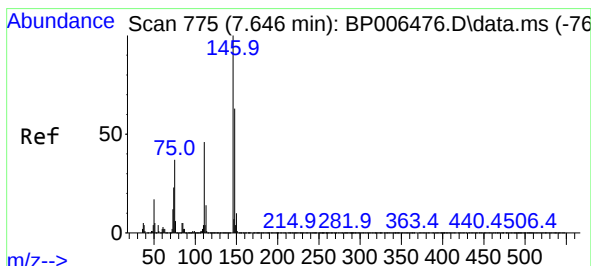
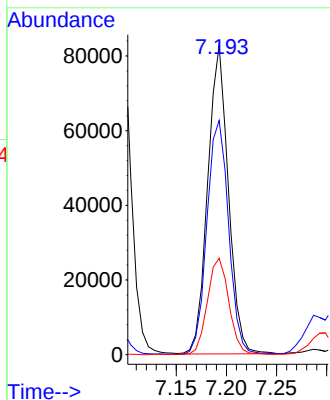
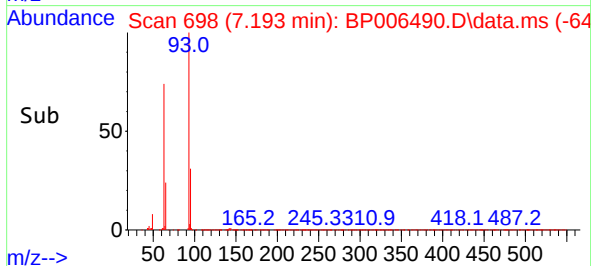
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



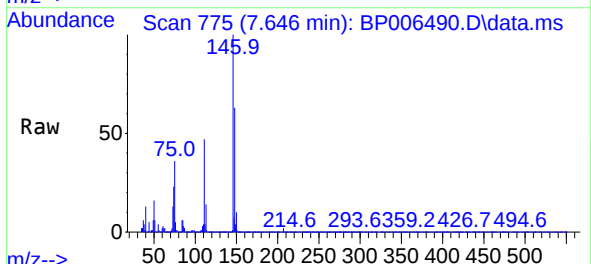
Tgt Ion: 93 Resp: 118525
Ion Ratio Lower Upper
93 100
63 75.7 46.2 86.2
95 31.2 12.2 52.2

Manual Integrations
APPROVED

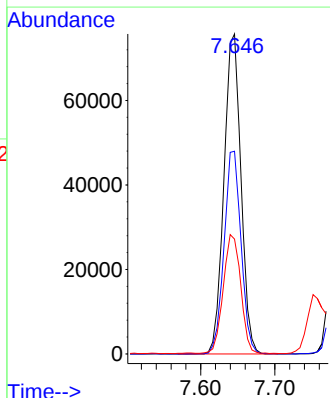
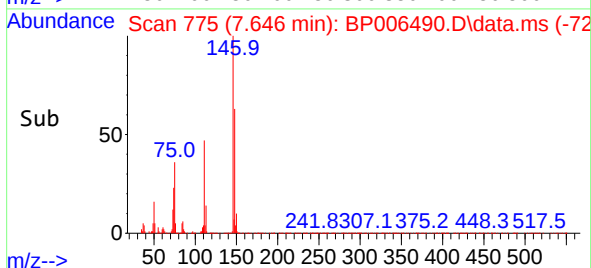
mohammad
8/5/2021 5:07:05 PM

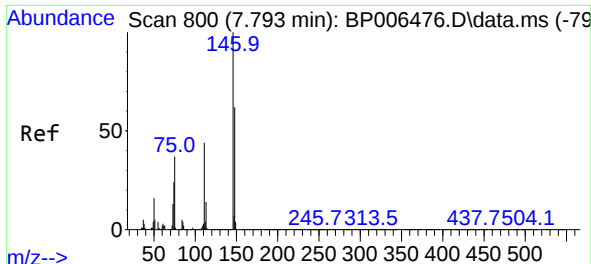


#12
1,3-Dichlorobenzene
Concen: 10.228 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



Tgt Ion: 146 Resp: 120608
Ion Ratio Lower Upper
146 100
148 63.4 51.5 77.3
75 35.9 25.7 38.5





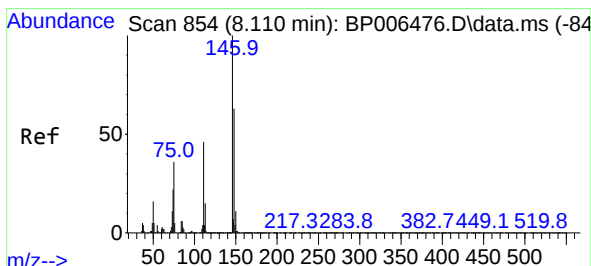
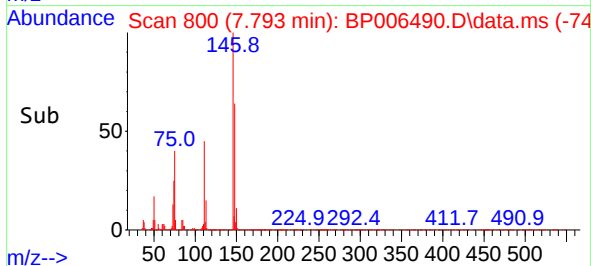
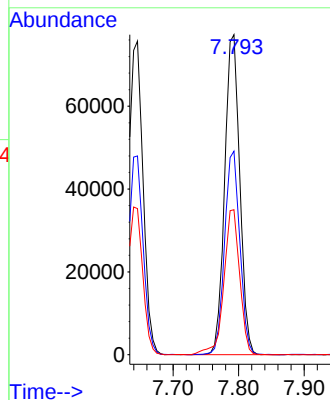
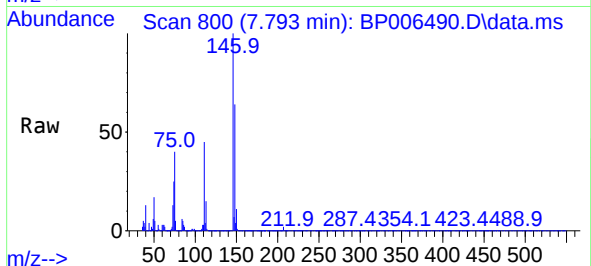
#13
1,4-Dichlorobenzene
Concen: 10.279 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:146 Resp: 123026
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 45.3 33.0 49.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

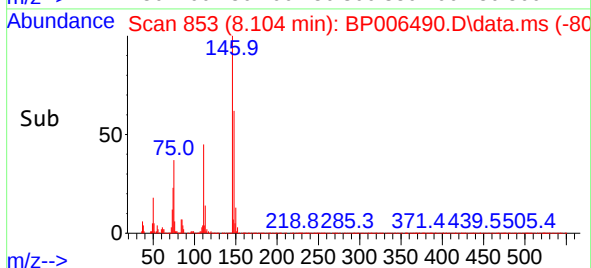
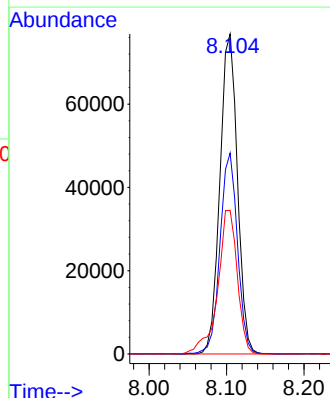
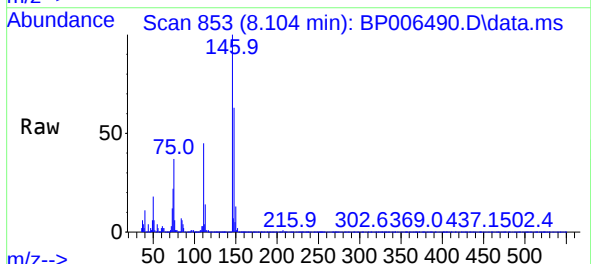
Manual Integrations
APPROVED

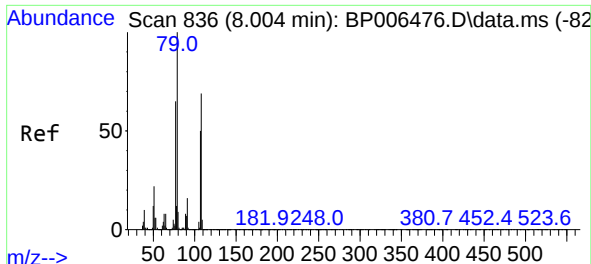
mohammad
8/5/2021 5:07:05 PM



#14
1,2-Dichlorobenzene
Concen: 10.523 ng
RT: 8.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:146 Resp: 120851
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 44.9 33.7 50.5





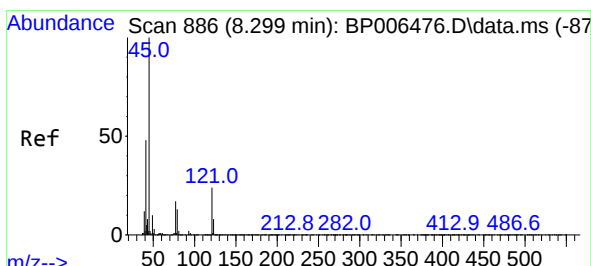
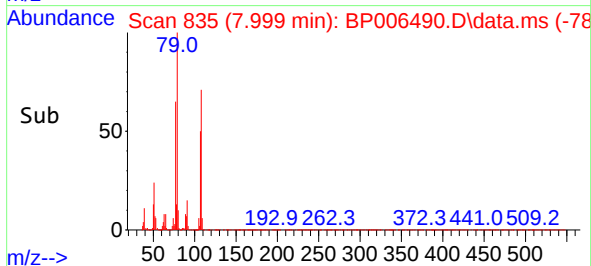
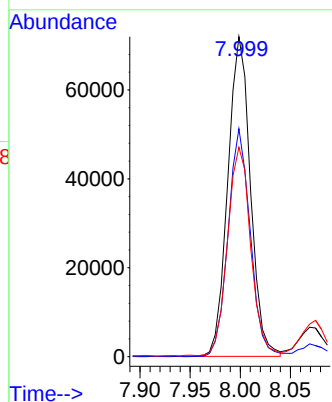
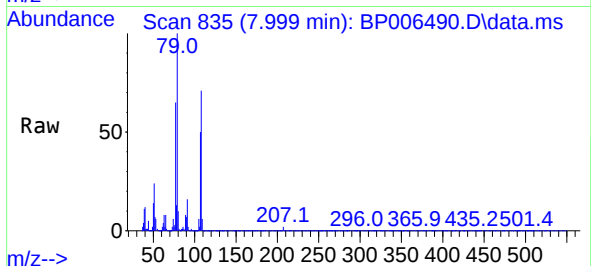
#15
Benzyl Alcohol
Concen: 10.121 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 79 Resp: 112745
Ion Ratio Lower Upper
79 100
108 71.3 62.5 93.7
77 65.4 52.9 79.3

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

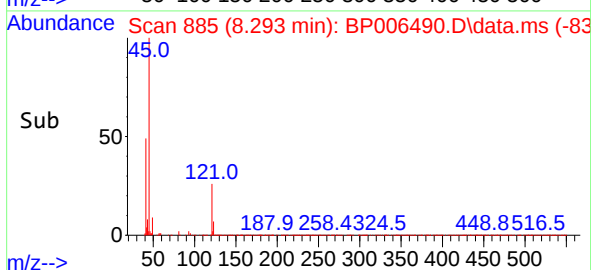
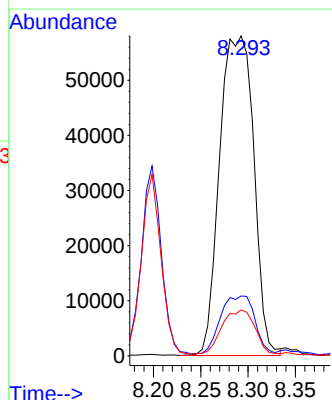
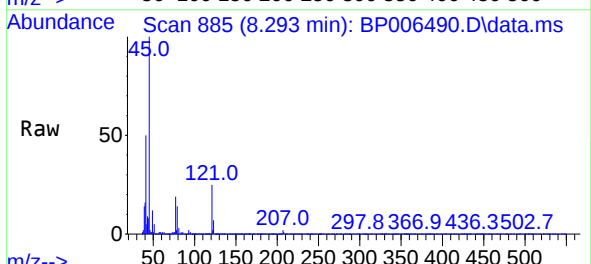
Manual Integrations
APPROVED

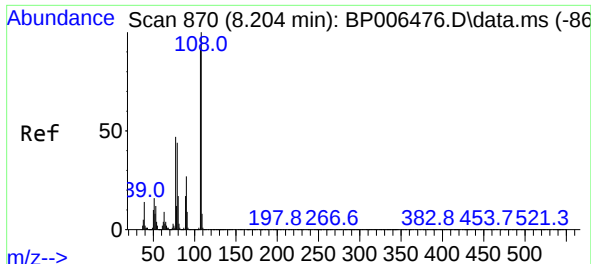
mohammad
8/5/2021 5:07:05 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.776 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 45 Resp: 145028
Ion Ratio Lower Upper
45 100
77 18.7 2.0 42.0
79 14.4 0.0 36.7





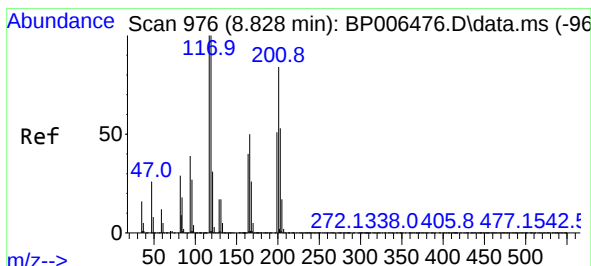
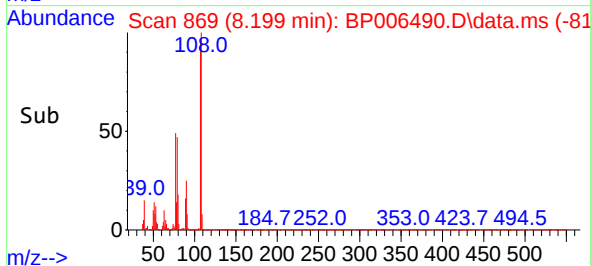
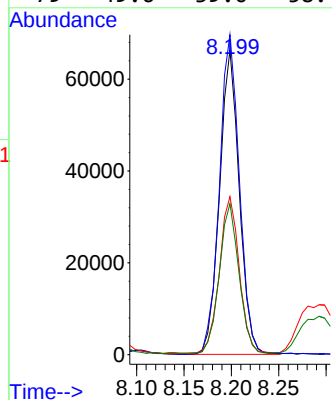
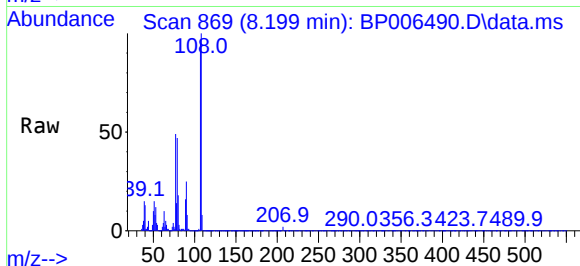
#17
2-Methylphenol
Concen: 10.230 ng
RT: 8.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	107	Resp:	96223
Ion	Ratio	Lower	Upper
107	100		
108	105.0	87.7	131.5
77	51.9	40.2	60.2
79	49.6	39.0	58.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

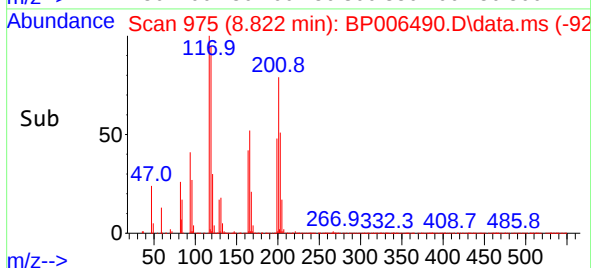
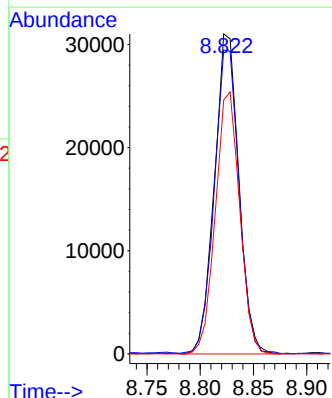
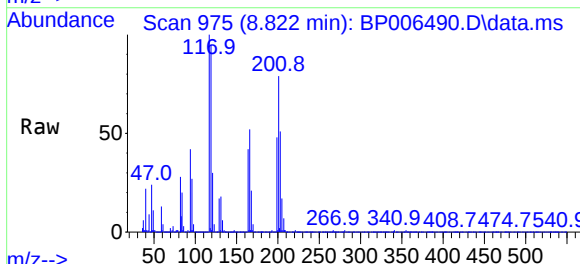
Manual Integrations
APPROVED

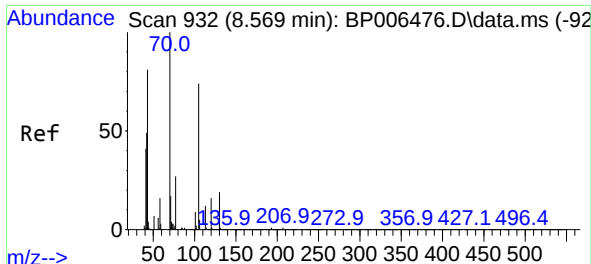
mohammad
8/5/2021 5:07:05 PM



#18
Hexachloroethane
Concen: 10.418 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	117	Resp:	49350
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
201	79.3	83.4	125.0#





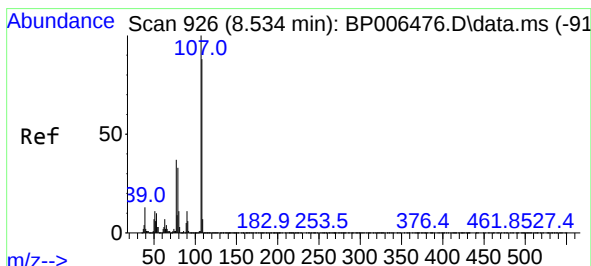
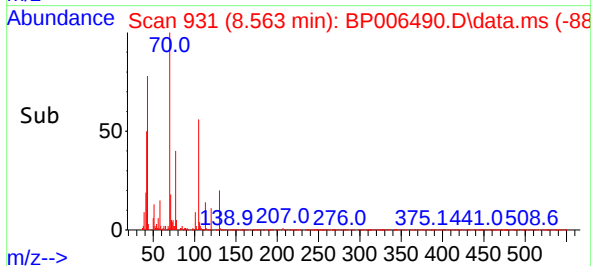
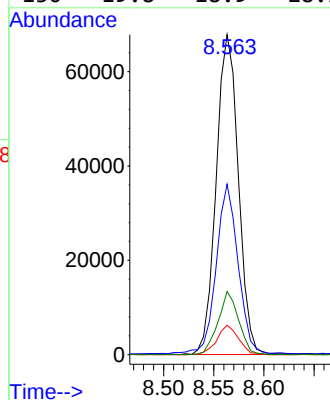
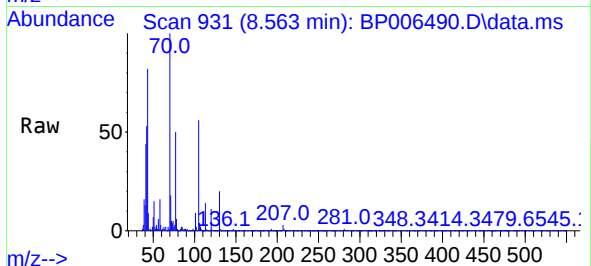
#19
n-Nitroso-di-n-propylamine
Concen: 10.457 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	70	Resp:	104221
Ion	Ratio	Lower	Upper
70	100		
42	53.2	40.8	61.2
101	9.2	8.8	13.2
130	19.8	18.9	28.3

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

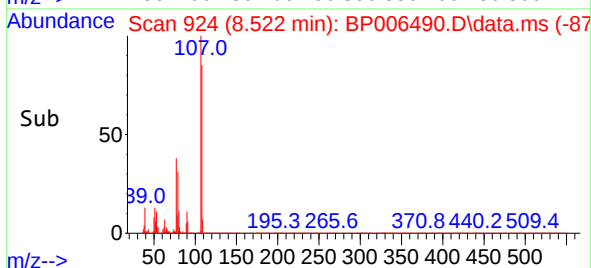
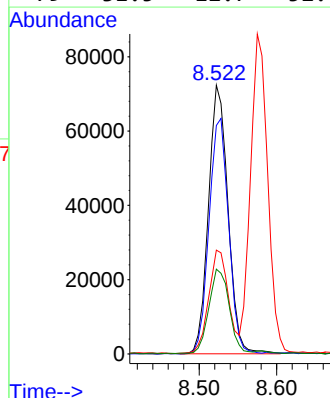
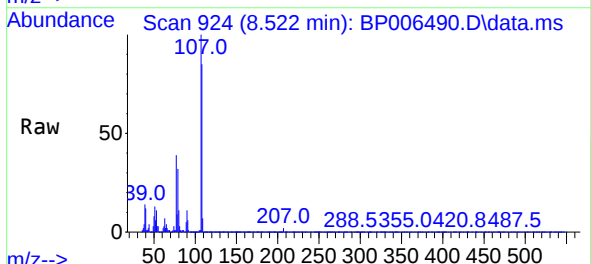
Manual Integrations
APPROVED

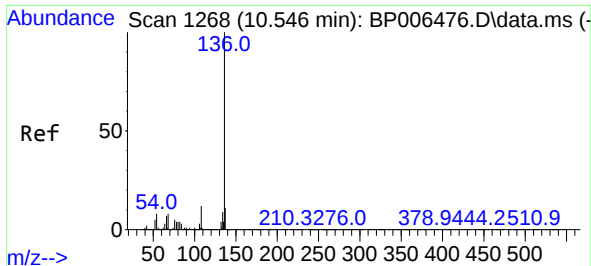
mohammad
8/5/2021 5:07:05 PM



#20
3+4-Methylphenols
Concen: 9.913 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	107	Resp:	126904
Ion	Ratio	Lower	Upper
107	100		
108	85.0	71.0	111.0
77	38.6	16.6	56.6
79	31.5	12.7	52.7





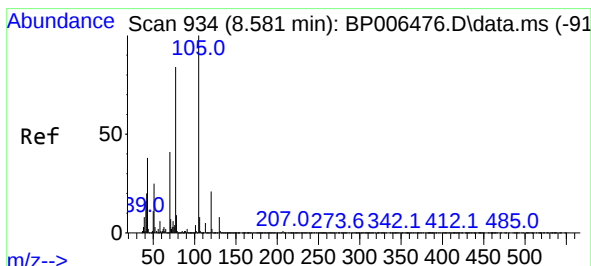
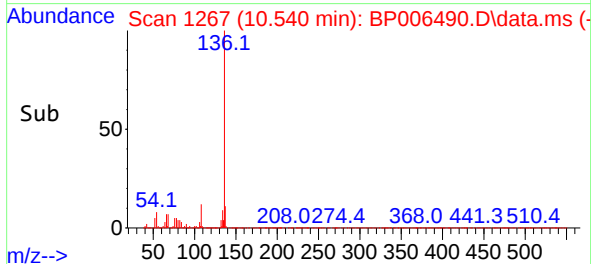
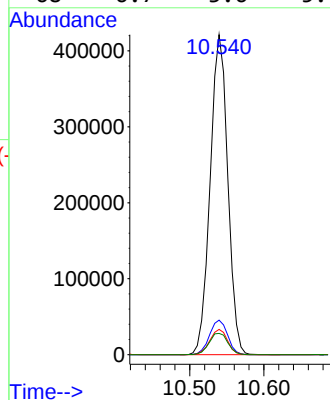
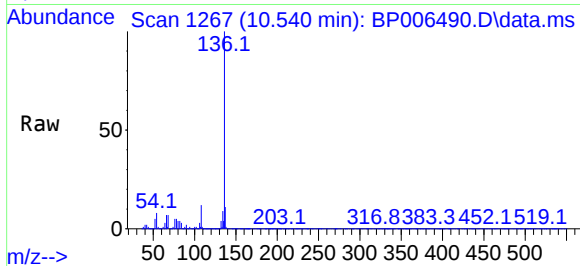
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	136	Resp:	695154
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	7.9	4.6	6.8#
68	6.7	3.6	5.4#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

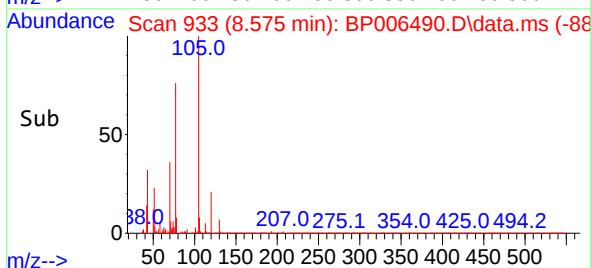
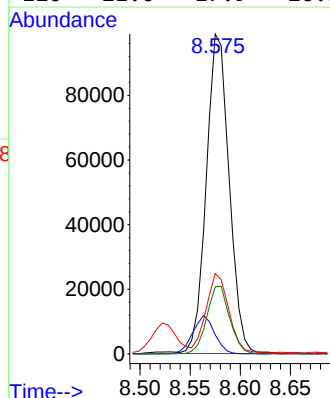
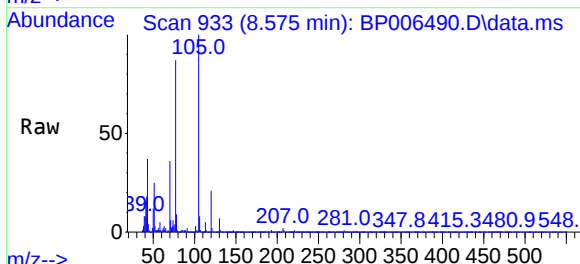
Manual Integrations
APPROVED

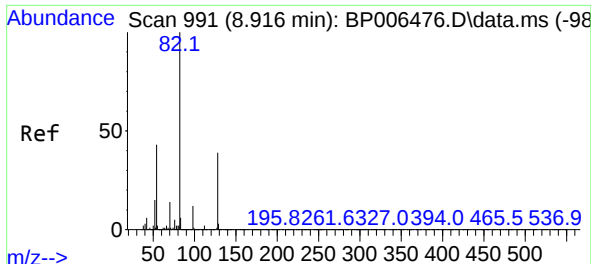
mohammad
8/5/2021 5:07:05 PM



#22
Acetophenone
Concen: 8.510 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

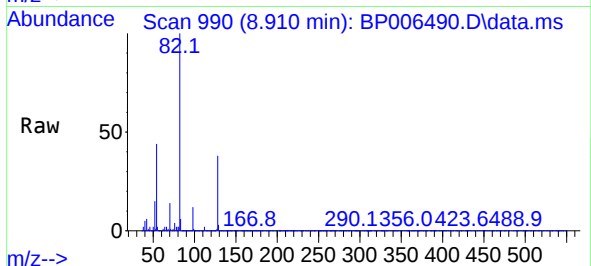
Tgt Ion:	105	Resp:	156887
Ion Ratio	Lower	Upper	
105	100		
71	6.0	1.9	2.9#
51	25.1	18.4	27.6
120	21.0	17.9	26.9





#23
Nitrobenzene-d5
Concen: 52.472 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

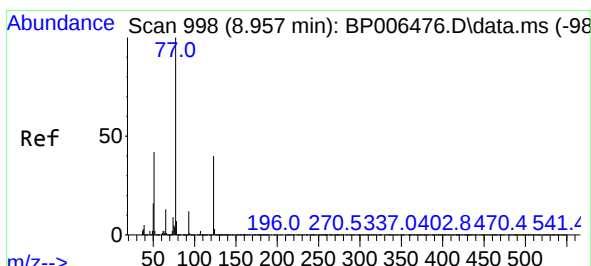
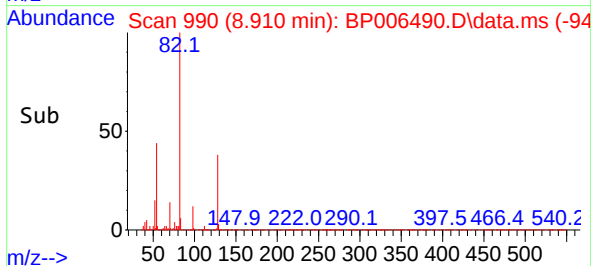
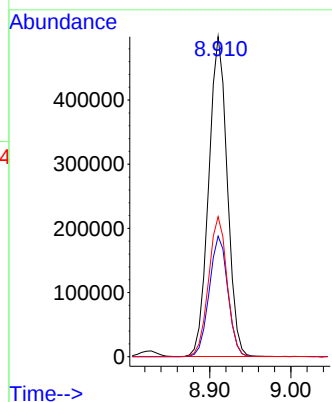
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 82 Resp: 790258
Ion Ratio Lower Upper
82 100
128 37.6 35.7 53.5
54 43.8 35.0 52.4

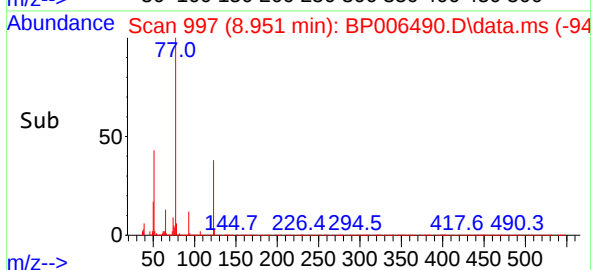
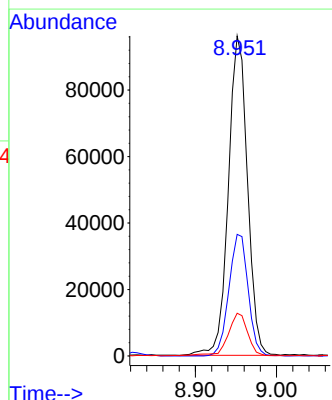
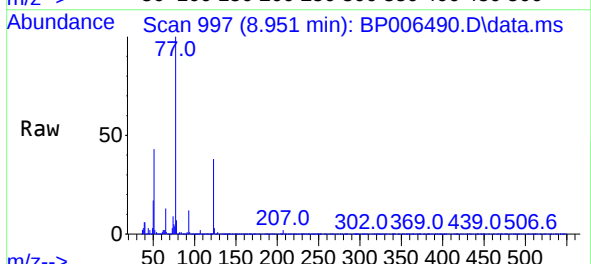
Manual Integrations
APPROVED

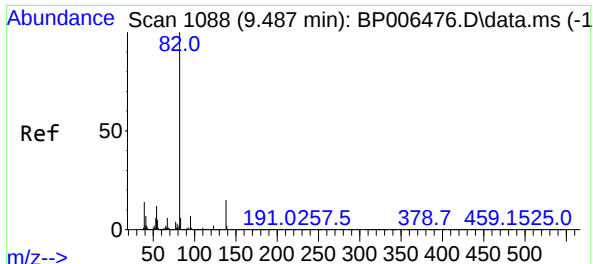
mohammad
8/5/2021 5:07:05 PM



#24
Nitrobenzene
Concen: 10.033 ng
RT: 8.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 77 Resp: 157073
Ion Ratio Lower Upper
77 100
123 38.0 38.2 57.2#
65 13.4 11.4 17.2





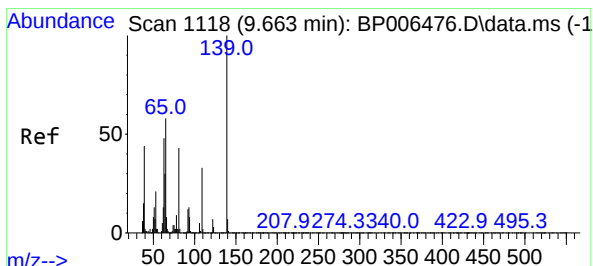
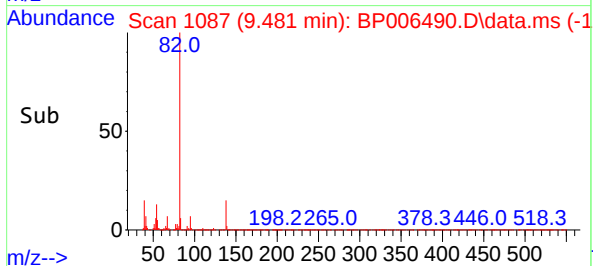
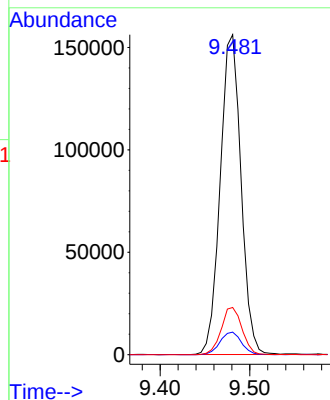
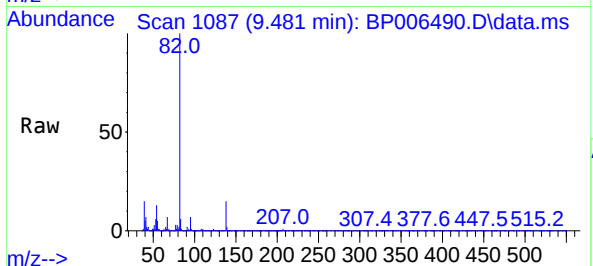
#25
Isophorone
Concen: 9.284 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 82 Resp: 251131
Ion Ratio Lower Upper
82 100
95 7.1 6.5 9.7
138 14.7 15.0 22.4#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

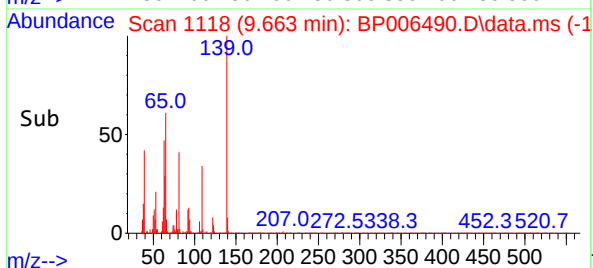
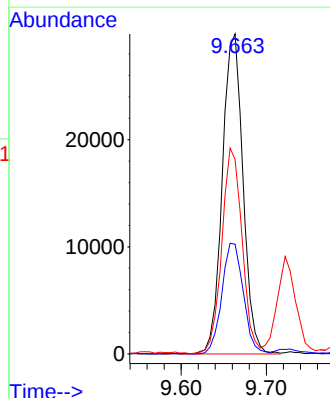
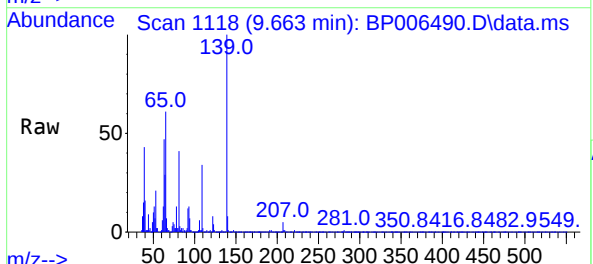
Manual Integrations
APPROVED

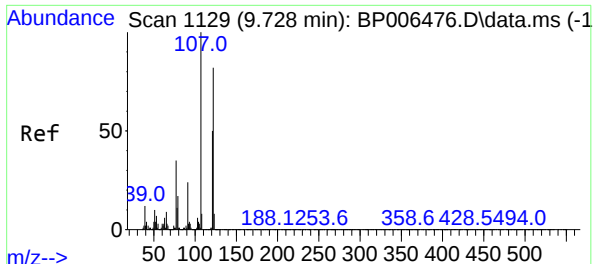
mohammad
8/5/2021 5:07:05 PM



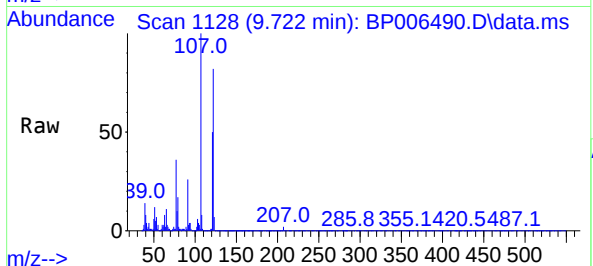
#26
2-Nitrophenol
Concen: 8.841 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion: 139 Resp: 50369
Ion Ratio Lower Upper
139 100
109 34.3 28.8 43.2
65 60.8 41.0 61.6

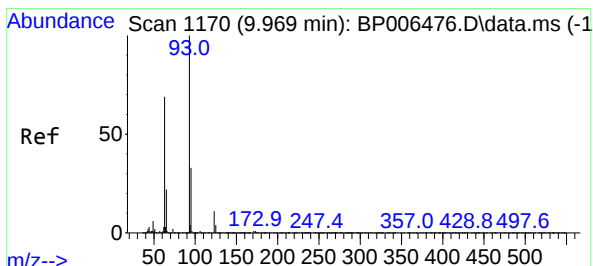
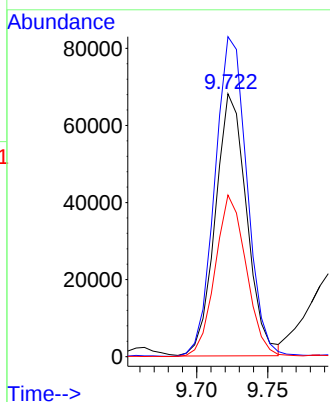
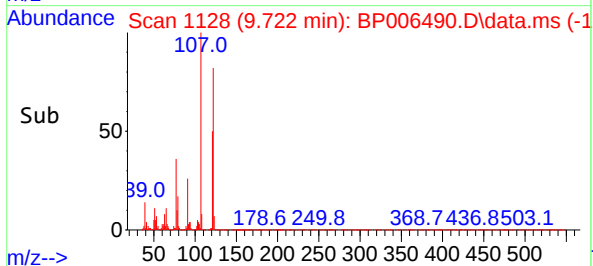




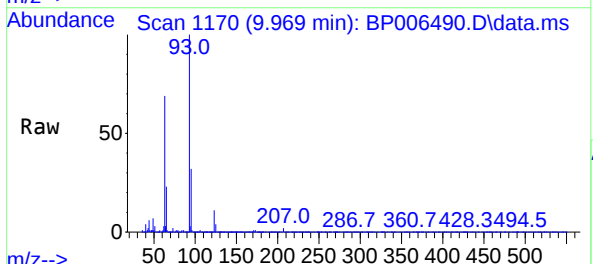
#27
2,4-Dimethylphenol
Concen: 10.989 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



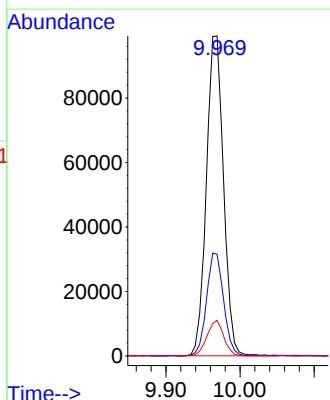
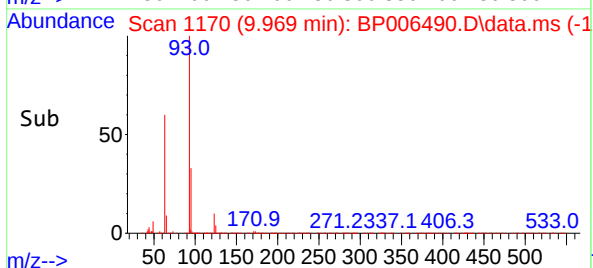
Tgt Ion:122 Resp: 104843
Ion Ratio Lower Upper
122 100
107 121.7 94.5 141.7
121 61.5 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 10.988 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



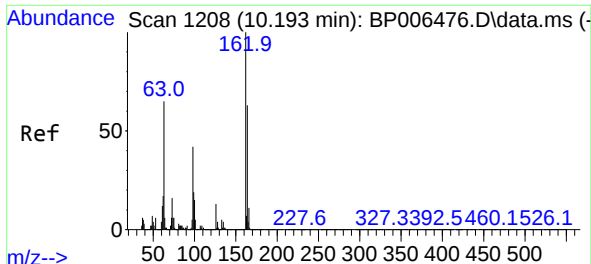
Tgt Ion: 93 Resp: 159032
Ion Ratio Lower Upper
93 100
95 31.8 25.9 38.9
123 11.1 10.2 15.2



Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/5/2021 5:07:05 PM



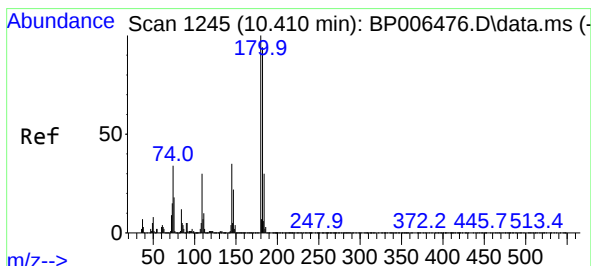
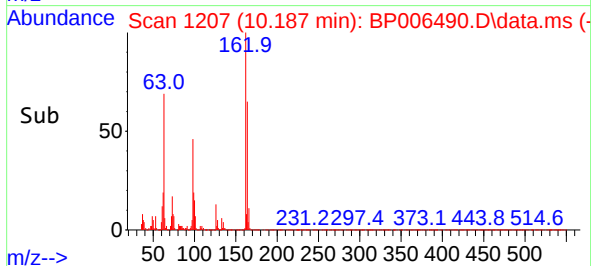
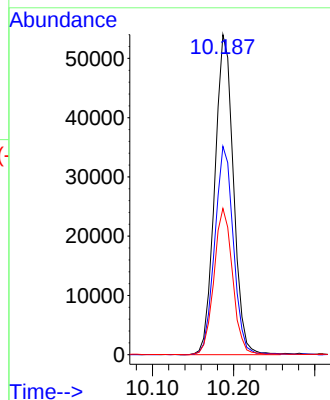
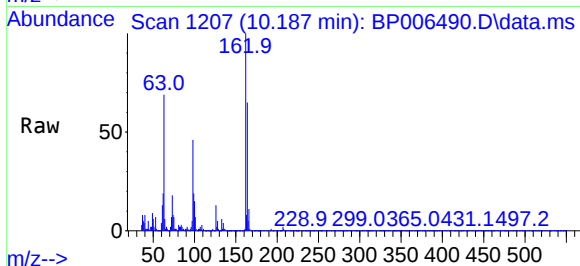
#29
2,4-Dichlorophenol
Concen: 8.944 ng
RT: 10.187 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:162 Resp: 86396
Ion Ratio Lower Upper
162 100
164 65.1 44.9 84.9
98 45.7 14.3 54.3

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

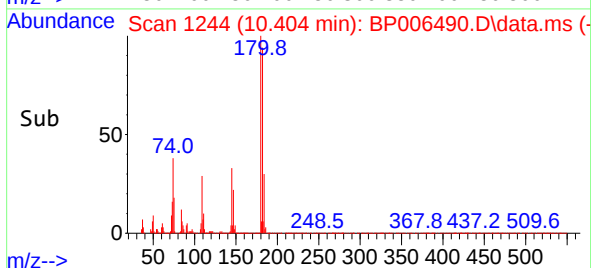
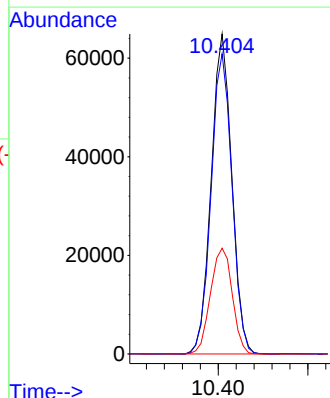
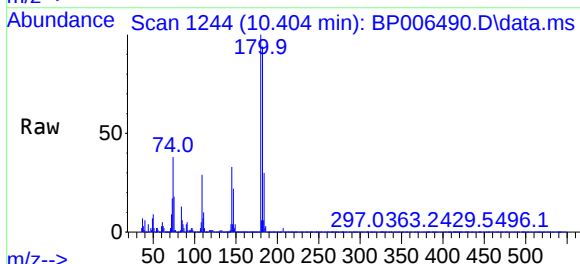
Manual Integrations
APPROVED

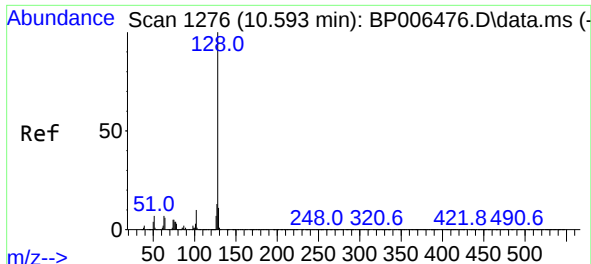
mohammad
8/5/2021 5:07:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 9.940 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

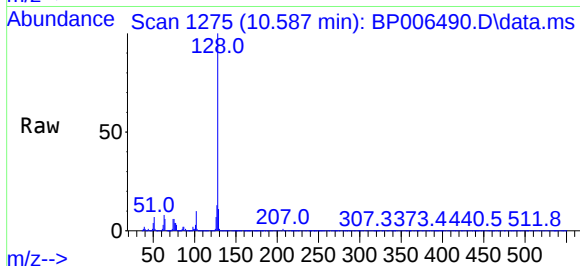
Tgt Ion:180 Resp: 103175
Ion Ratio Lower Upper
180 100
182 93.8 77.9 116.9
145 33.1 24.7 37.1





#31
Naphthalene
Concen: 10.046 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

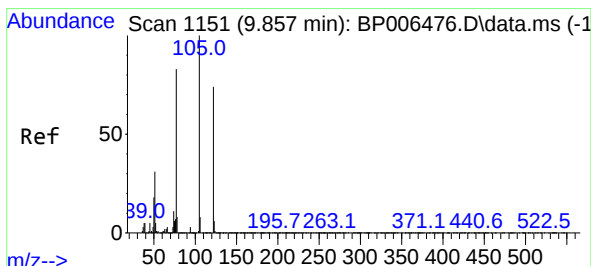
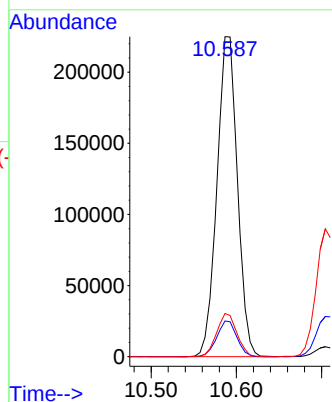
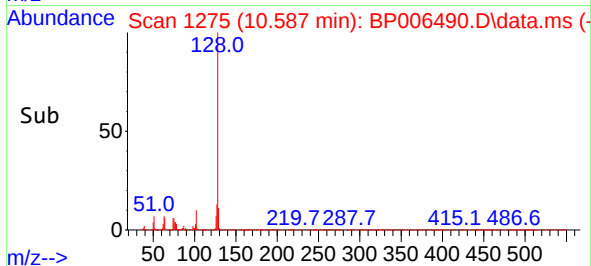
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



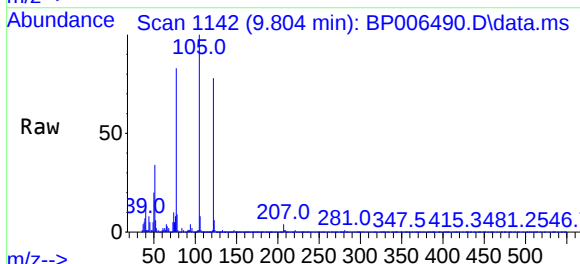
Tgt Ion:128 Resp: 375265
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.7 16.1

Manual Integrations
APPROVED

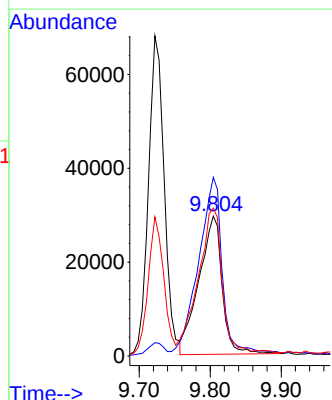
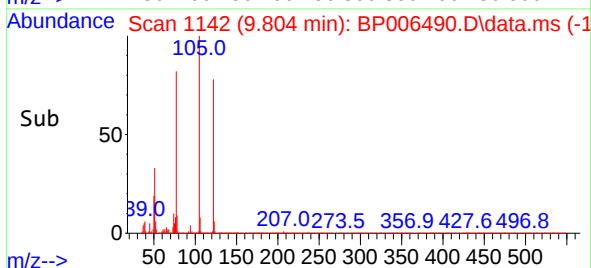
mohammad
8/5/2021 5:07:05 PM

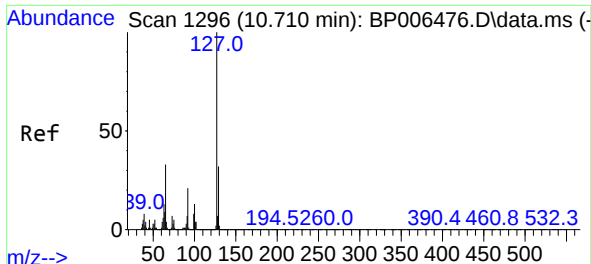


#32
Benzoic acid
Concen: 9.098 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.053 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



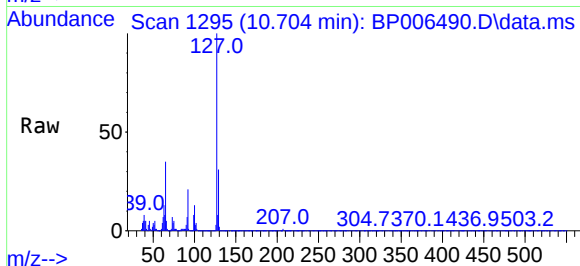
Tgt Ion:122 Resp: 67149
Ion Ratio Lower Upper
122 100
105 127.7 103.2 143.2
77 105.7 76.2 116.2





#33
4-Chloroaniline
Concen: 10.229 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

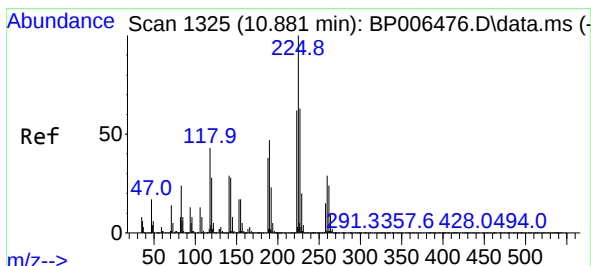
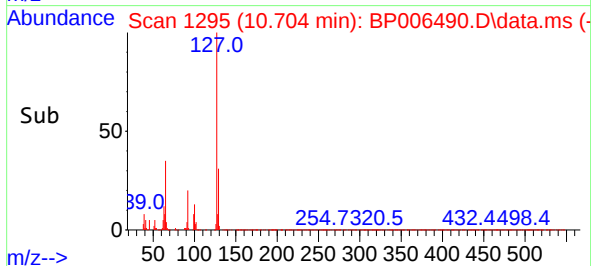
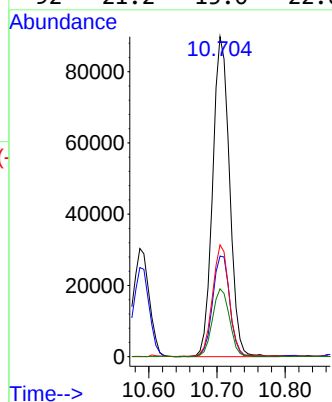
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:	127	Resp:	154616
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.1	39.1
65	34.9	22.5	33.7#
92	21.2	15.0	22.6

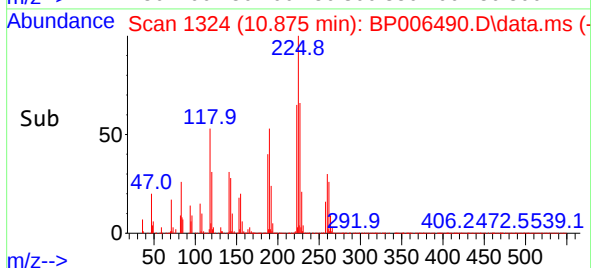
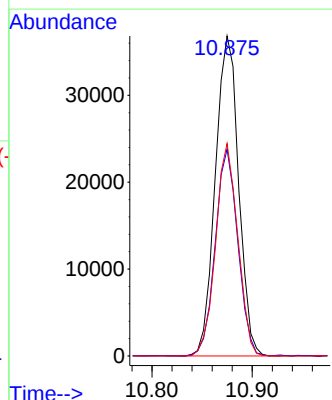
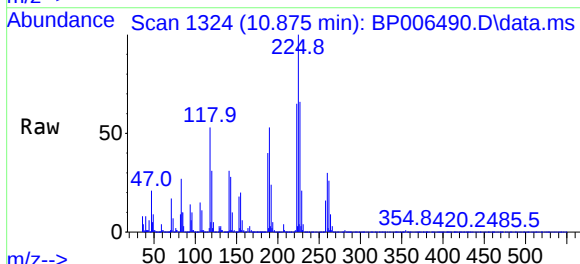
Manual Integrations
APPROVED

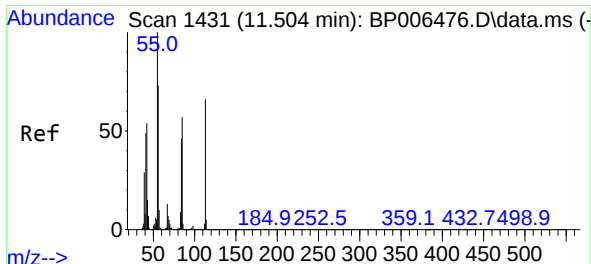
mohammad
8/5/2021 5:07:05 PM



#34
Hexachlorobutadiene
Concen: 9.794 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	225	Resp:	59237
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.0	76.6
227	66.4	51.4	77.2





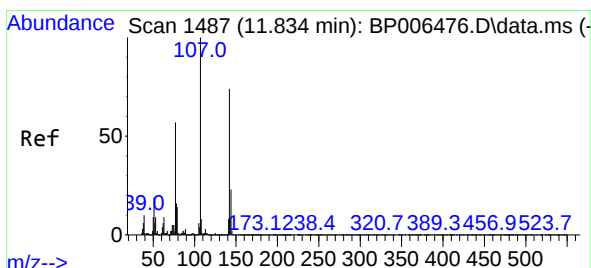
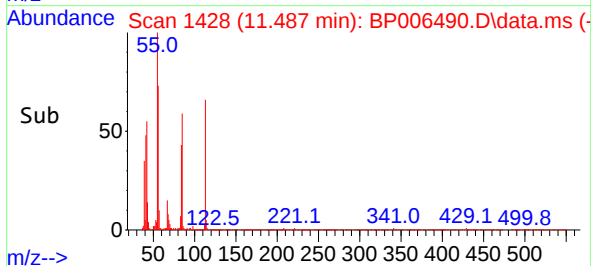
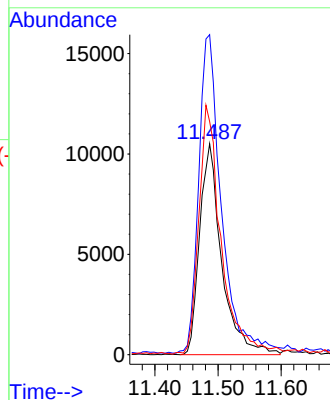
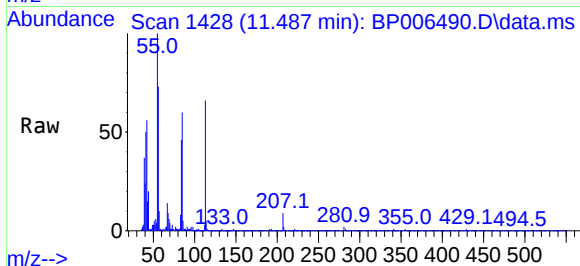
#35
Caprolactam
Concen: 7.316 ng
RT: 11.487 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion	Ratio	Lower	Upper
113	100		
55	151.8	98.9	138.9#
56	110.6	71.7	111.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

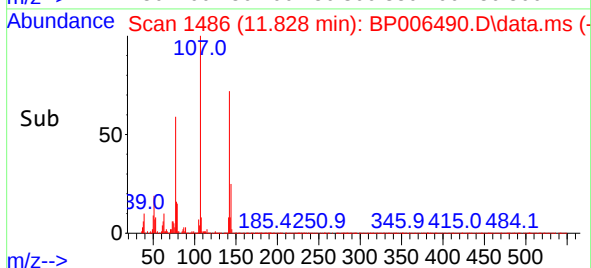
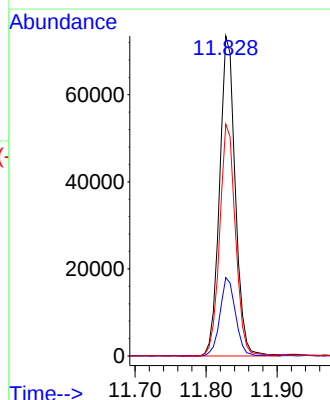
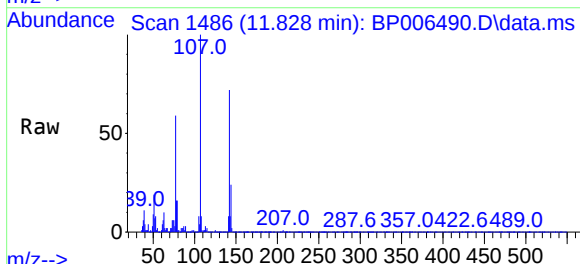
Manual Integrations
APPROVED

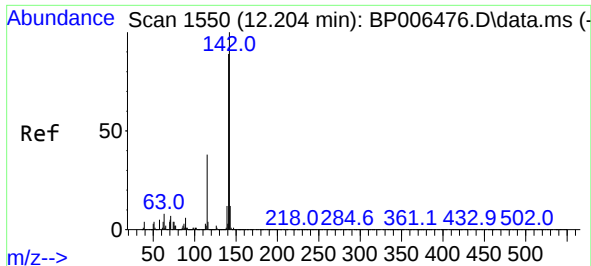
mohammad
8/5/2021 5:07:05 PM



#36
4-Chloro-3-methylphenol
Concen: 9.141 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	21.1	31.7
142	72.4	66.0	99.0





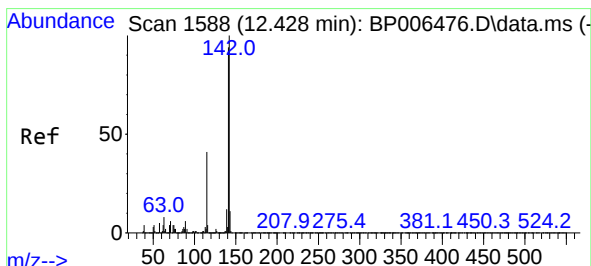
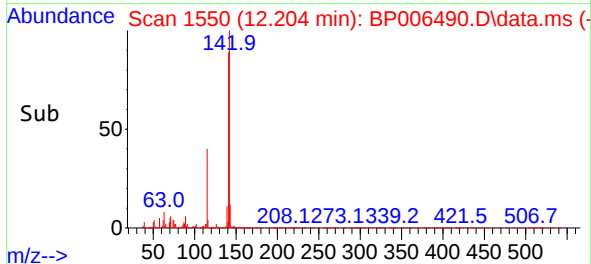
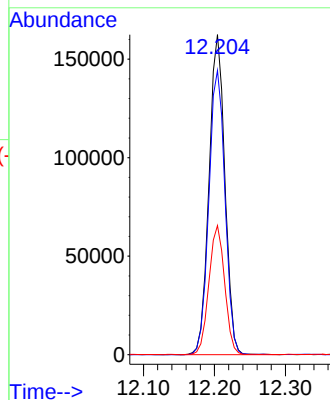
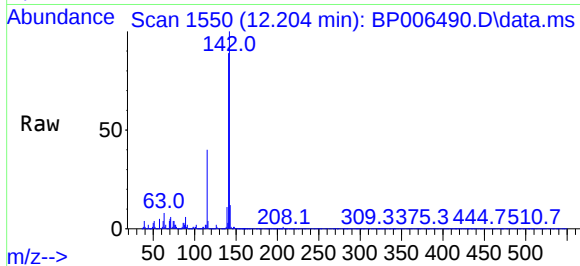
#37
2-Methylnaphthalene
Concen: 9.939 ng
RT: 12.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:142 Resp: 251582
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6
115 40.3 31.6 47.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

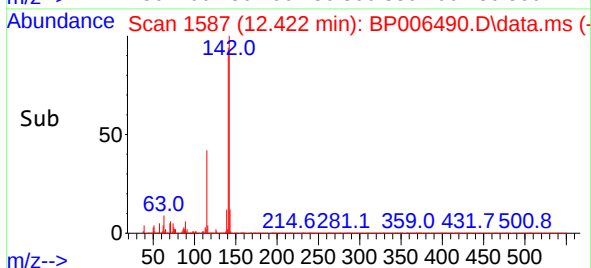
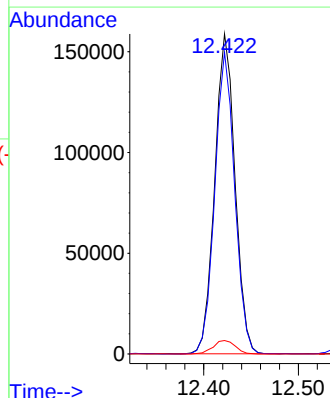
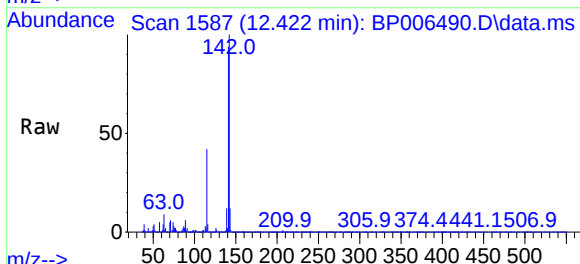
Manual Integrations
APPROVED

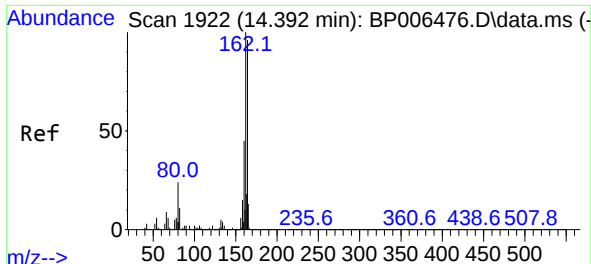
mohammad
8/5/2021 5:07:05 PM



#38
1-Methylnaphthalene
Concen: 9.809 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

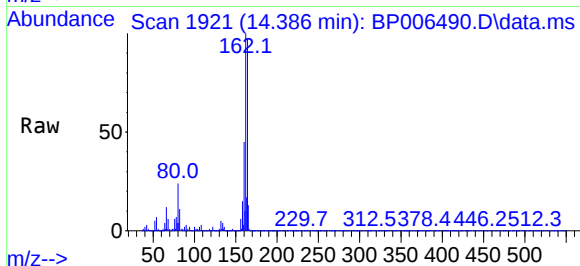
Tgt Ion:142 Resp: 235950
Ion Ratio Lower Upper
142 100
141 94.3 73.3 109.9
116 4.2 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

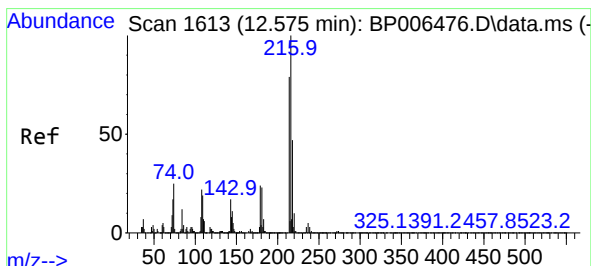
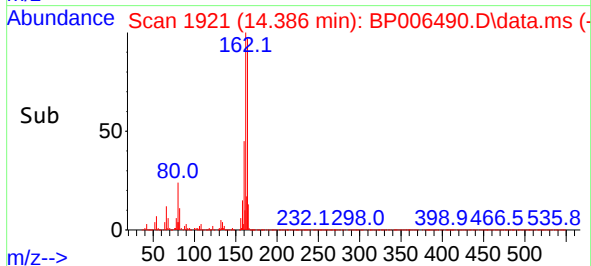
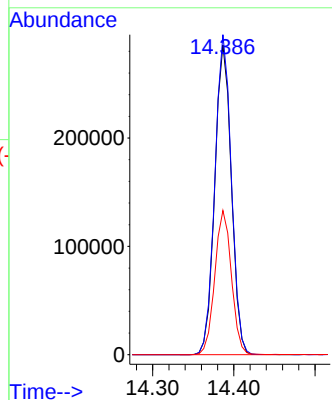
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:164 Resp: 405381
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 46.6 34.5 51.7

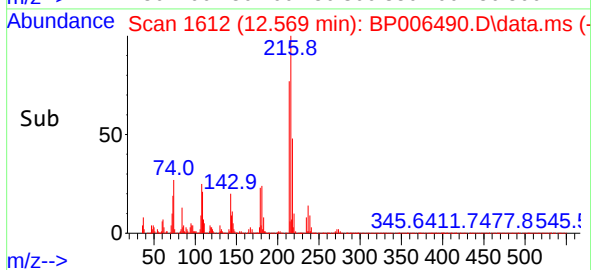
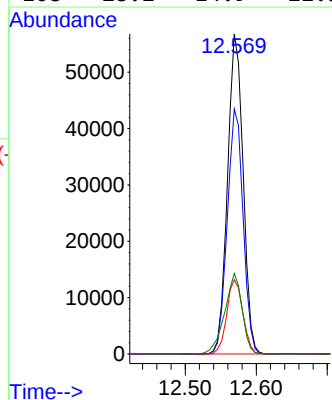
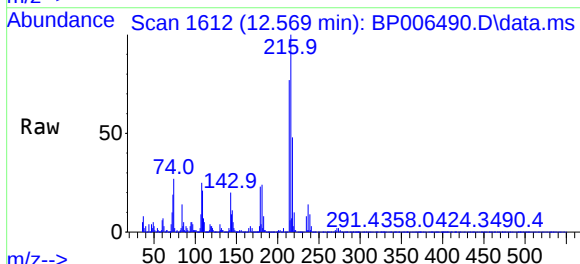
Manual Integrations
APPROVED

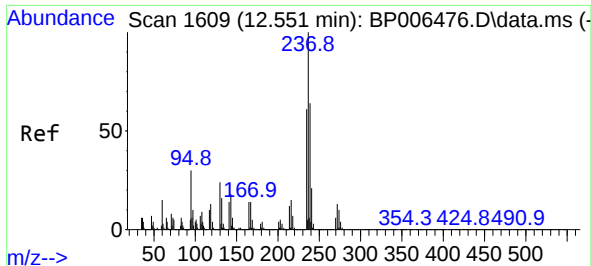
mohammad
8/5/2021 5:07:05 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.145 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

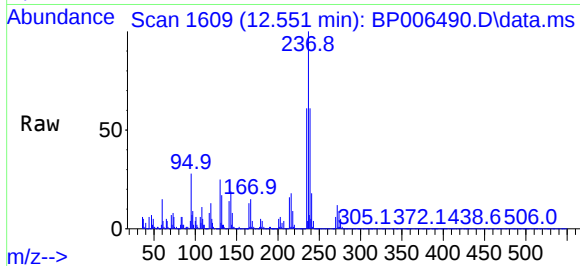
Tgt Ion:216 Resp: 86423
Ion Ratio Lower Upper
216 100
214 77.9 61.9 92.9
179 23.8 16.8 25.2
108 28.2 14.9 22.3#





#41
Hexachlorocyclopentadiene
Concen: 12.478 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

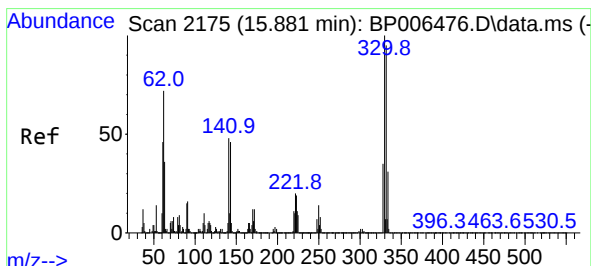
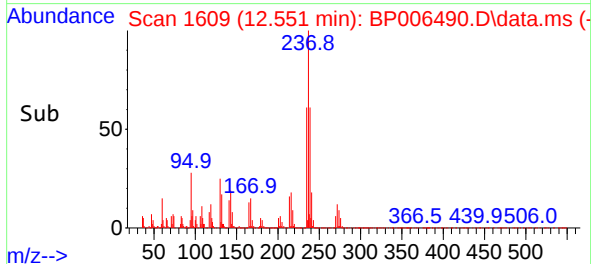
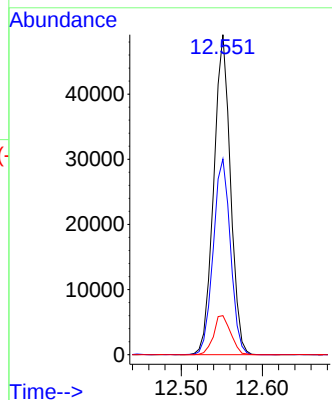
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:237 Resp: 70216
Ion Ratio Lower Upper
237 100
235 61.1 44.5 84.5
272 12.2 0.0 32.5

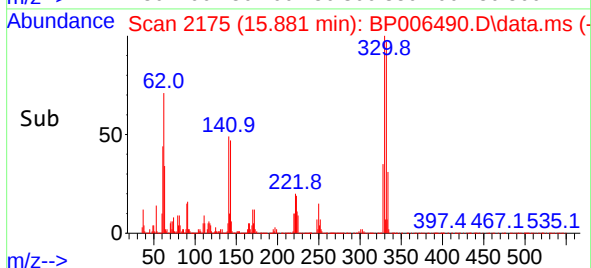
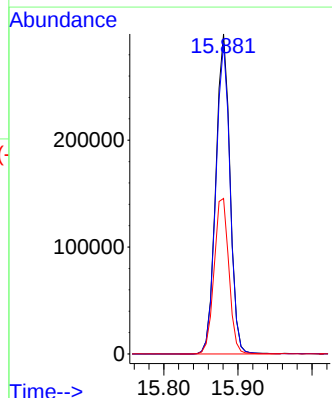
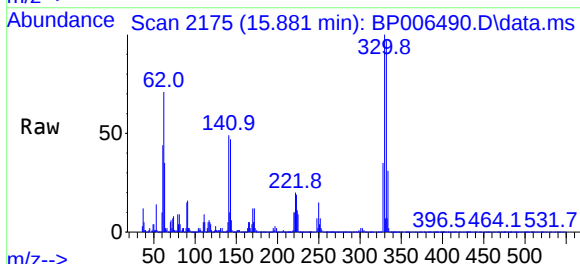
Manual Integrations
APPROVED

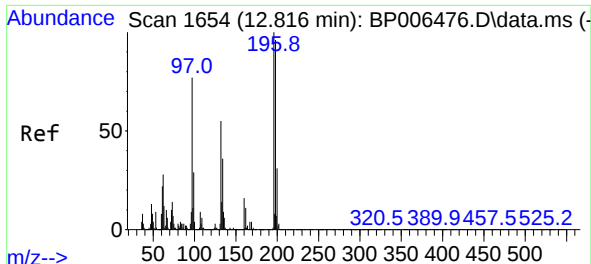
mohammad
8/5/2021 5:07:05 PM



#42
2,4,6-Tribromophenol
Concen: 94.005 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:330 Resp: 398270
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 50.7 25.4 38.2#





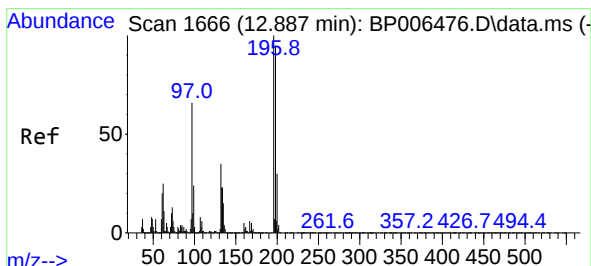
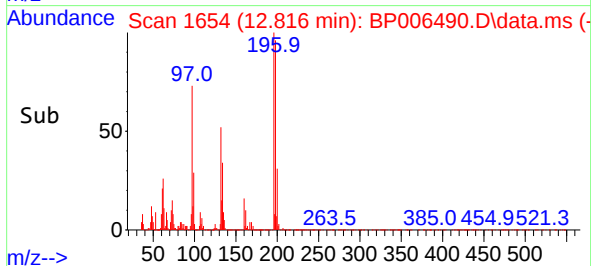
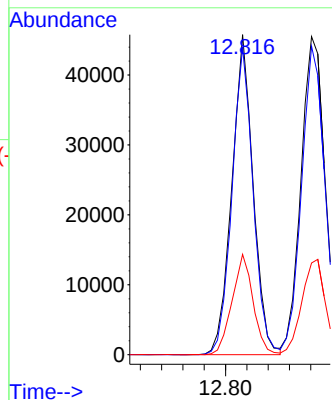
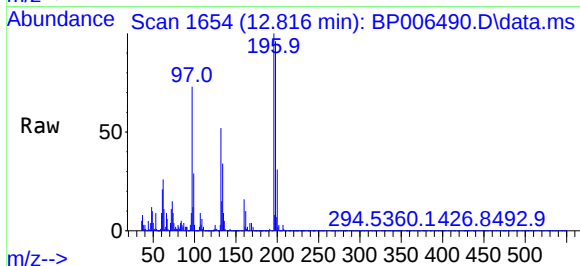
#43
2,4,6-Trichlorophenol
Concen: 8.787 ng
RT: 12.816 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:196 Resp: 63658
Ion Ratio Lower Upper
196 100
198 96.0 79.5 119.3
200 31.3 25.0 37.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

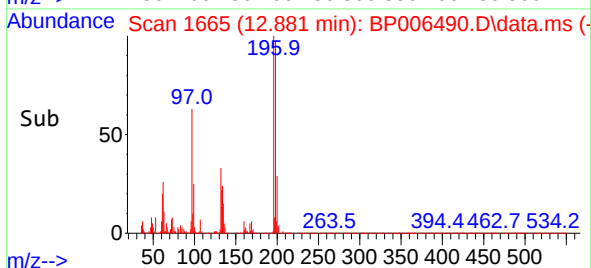
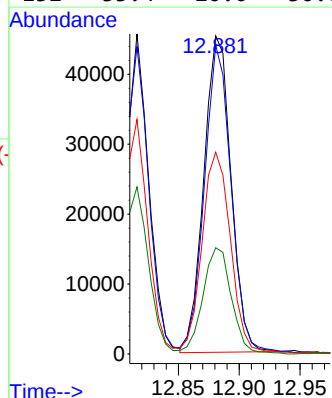
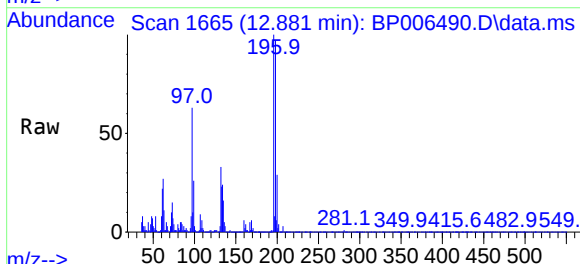
Manual Integrations
APPROVED

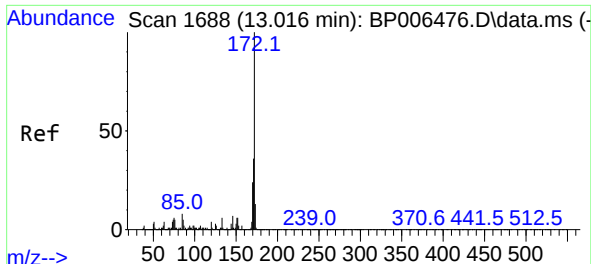
mohammad
8/5/2021 5:07:05 PM



#44
2,4,5-Trichlorophenol
Concen: 8.800 ng
RT: 12.881 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:196 Resp: 70568
Ion Ratio Lower Upper
196 100
198 97.0 74.7 112.1
97 63.4 37.4 56.0#
132 33.4 20.0 30.0#





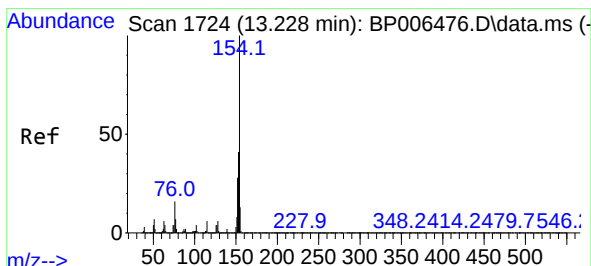
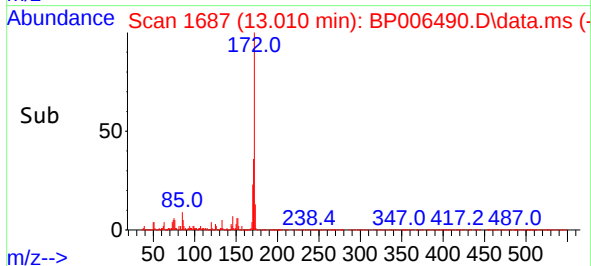
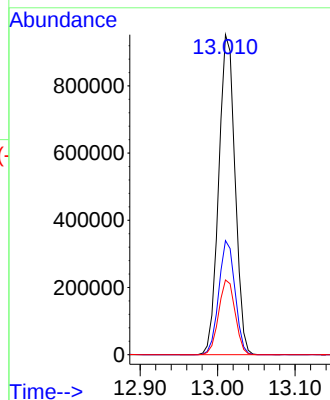
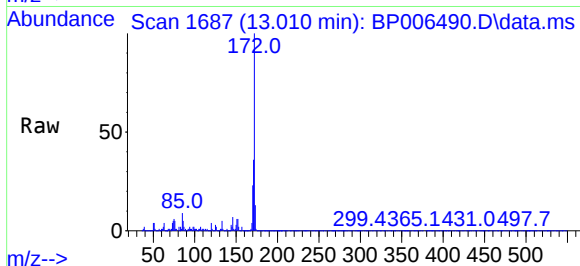
#45
2-Fluorobiphenyl
Concen: 51.381 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:172 Resp: 1392189
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.3 18.6 27.8

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

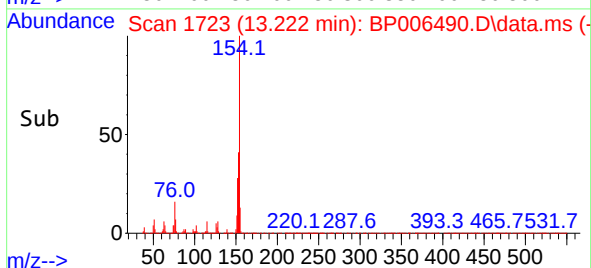
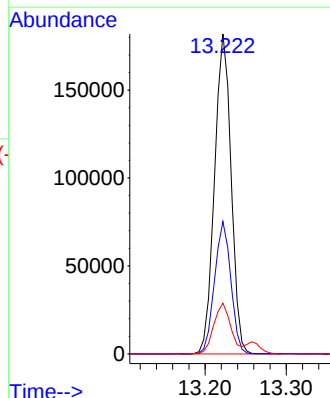
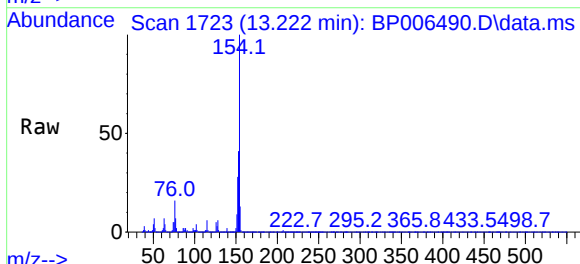
Manual Integrations
APPROVED

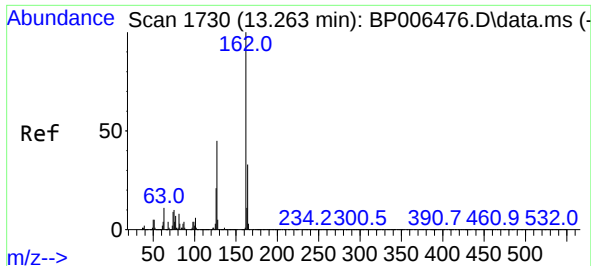
mohammad
8/5/2021 5:07:05 PM



#46
1,1'-Biphenyl
Concen: 8.416 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

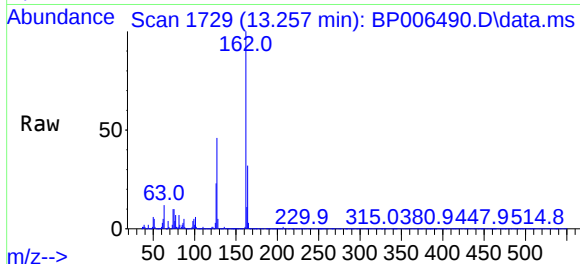
Tgt Ion:154 Resp: 258220
Ion Ratio Lower Upper
154 100
153 41.4 20.4 60.4
76 15.9 0.0 30.8





#47
2-Chloronaphthalene
Concen: 9.948 ng
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

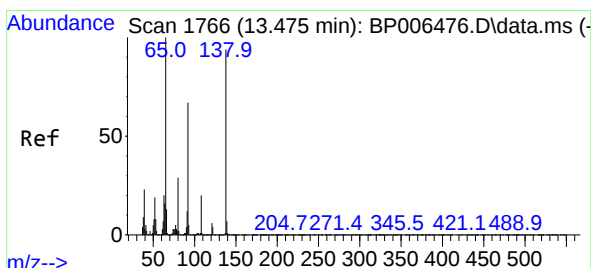
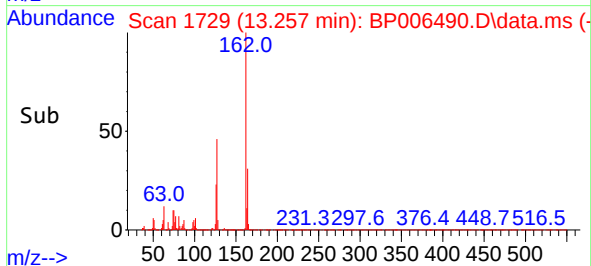
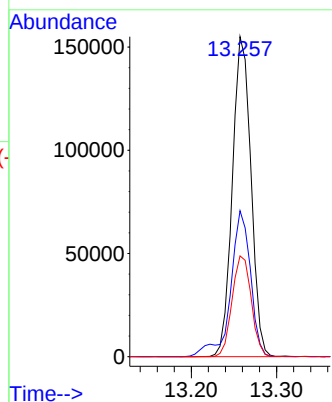
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:162 Resp: 235070
Ion Ratio Lower Upper
162 100
127 45.6 31.4 47.0
164 31.5 26.6 39.8

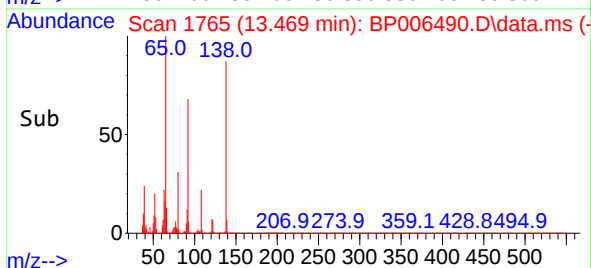
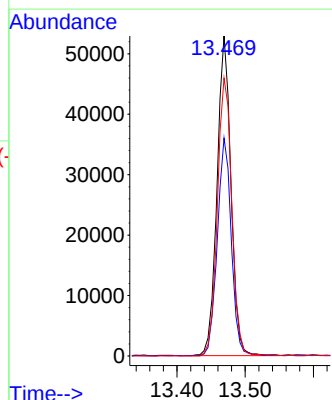
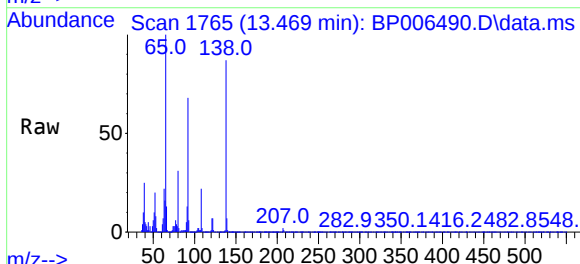
Manual Integrations
APPROVED

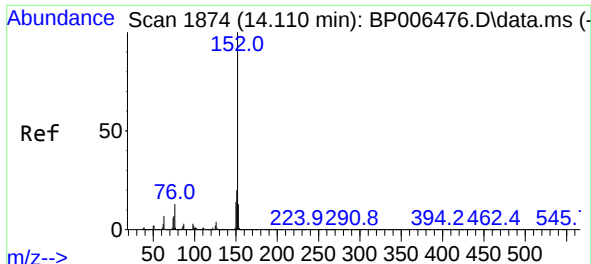
mohammad
8/5/2021 5:07:05 PM



#48
2-Nitroaniline
Concen: 9.035 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

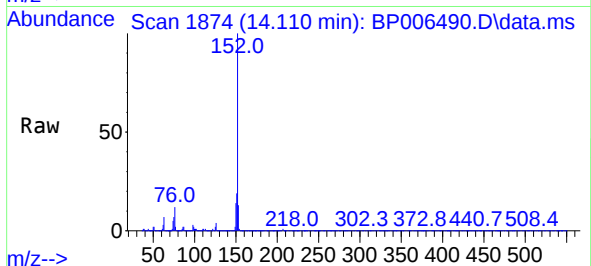
Tgt Ion: 65 Resp: 75338
Ion Ratio Lower Upper
65 100
92 68.1 57.7 86.5
138 86.9 92.1 138.1#





#49
Acenaphthylene
Concen: 10.118 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

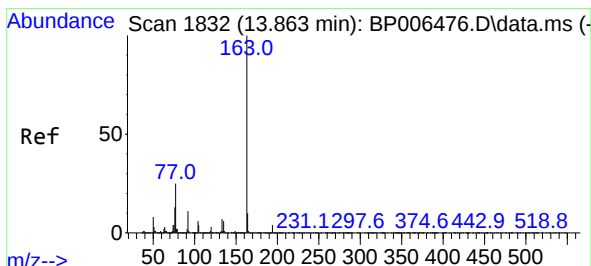
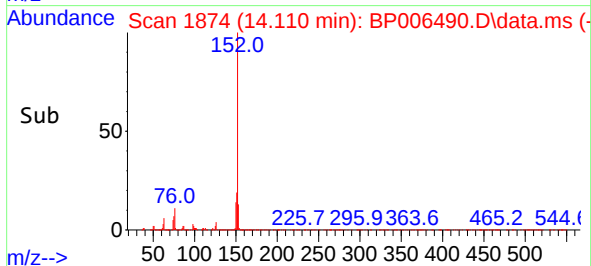
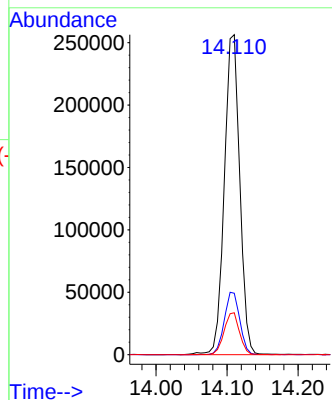
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:152 Resp: 385511
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 13.1 10.6 16.0

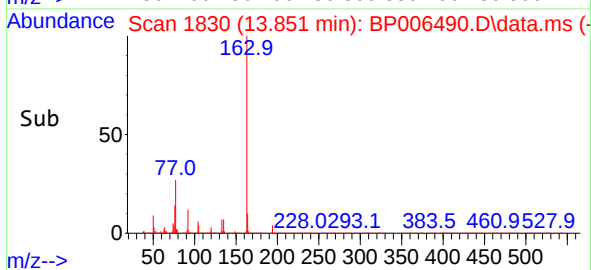
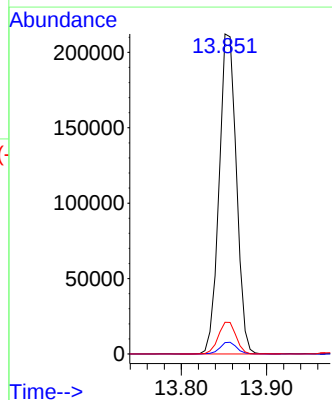
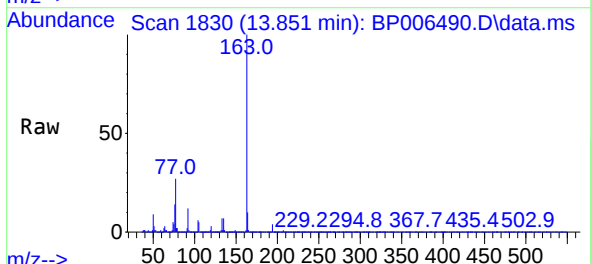
Manual Integrations
APPROVED

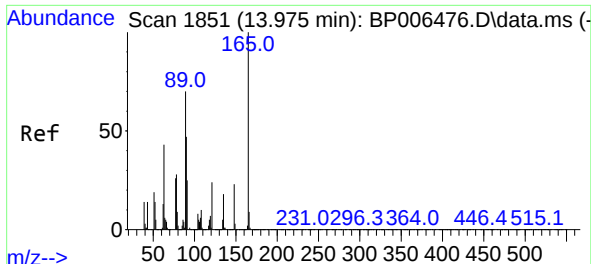
mohammad
8/5/2021 5:07:05 PM



#50
Dimethylphthalate
Concen: 10.113 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:163 Resp: 298418
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 9.9 8.2 12.2





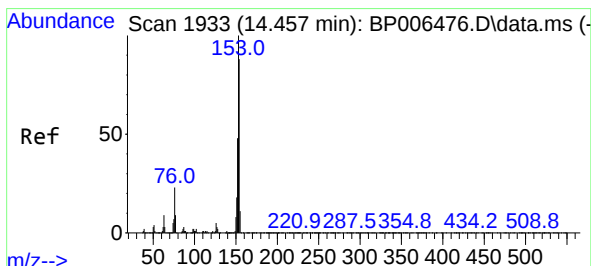
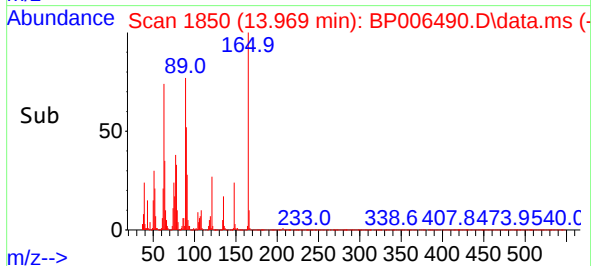
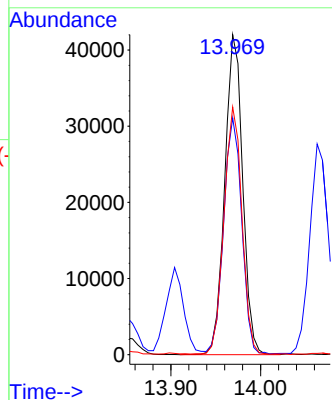
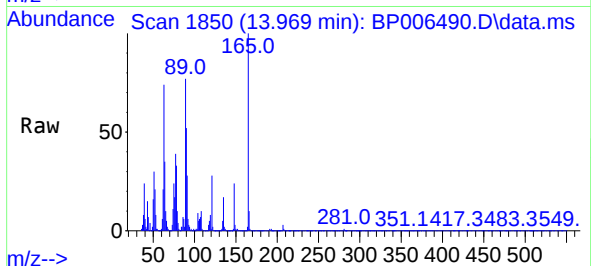
#51
2,6-Dinitrotoluene
Concen: 8.819 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:165 Resp: 58070
Ion Ratio Lower Upper
165 100
63 74.0 41.3 61.9#
89 77.4 44.8 67.2#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

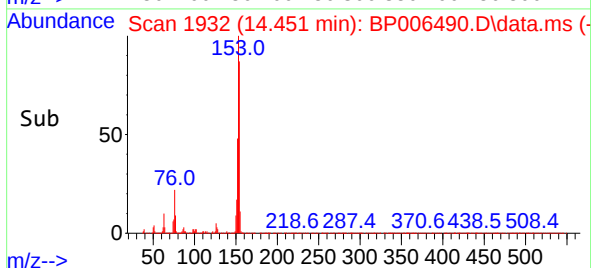
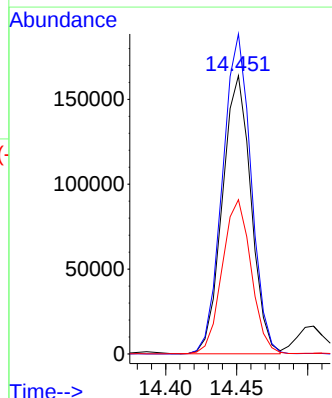
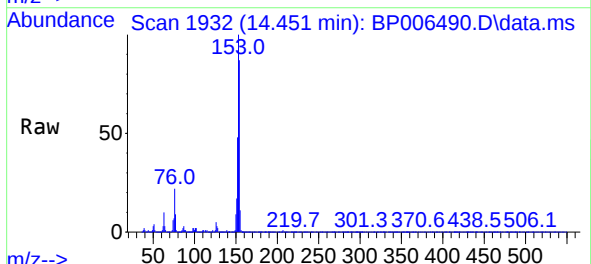
Manual Integrations
APPROVED

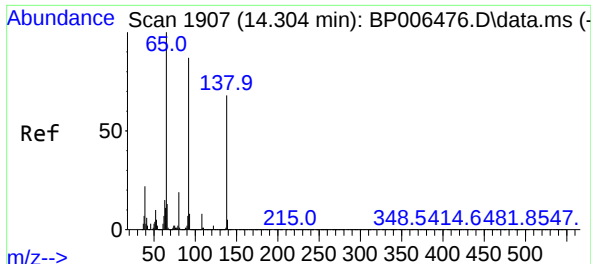
mohammad
8/5/2021 5:07:05 PM



#52
Acenaphthene
Concen: 9.934 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

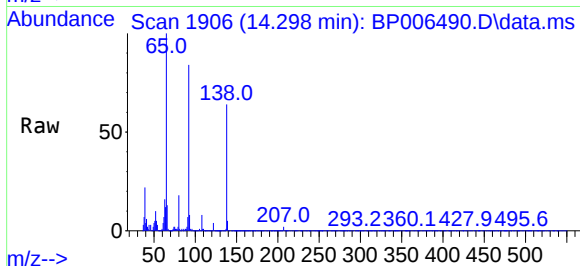
Tgt Ion:154 Resp: 230350
Ion Ratio Lower Upper
154 100
153 115.0 89.4 134.2
152 55.5 43.0 64.4





#53
3-Nitroaniline
Concen: 9.287 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

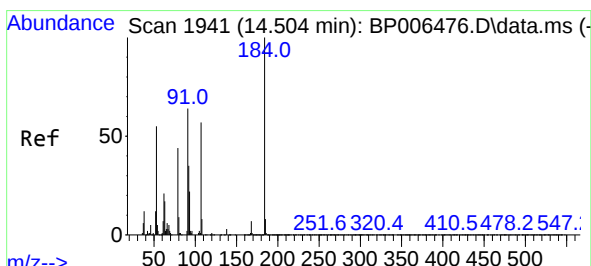
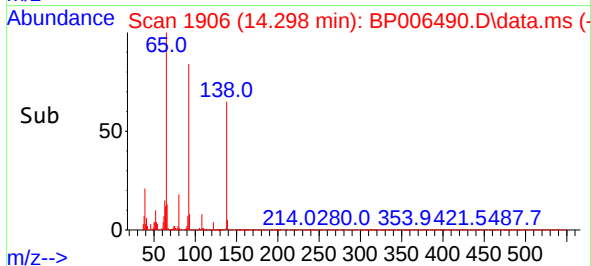
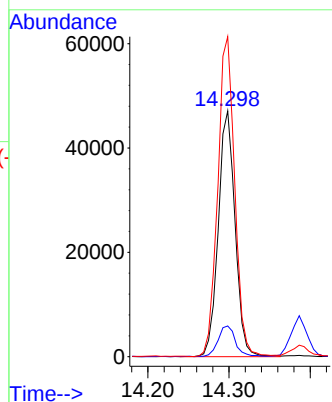
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



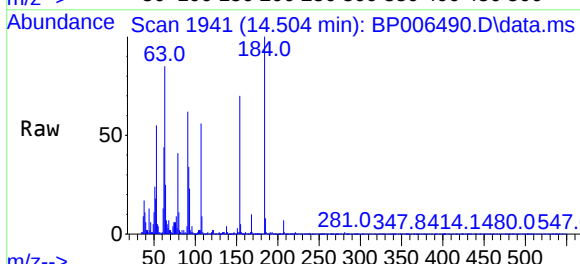
Tgt Ion:138 Resp: 67794
Ion Ratio Lower Upper
138 100
108 12.5 8.4 12.6
92 130.2 87.8 131.8

Manual Integrations
APPROVED

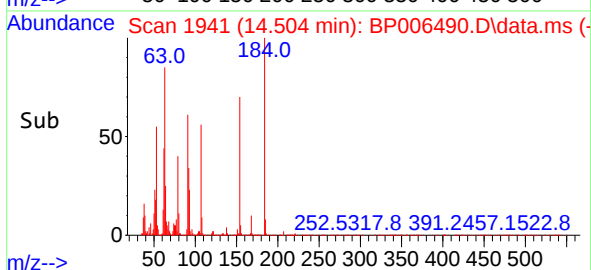
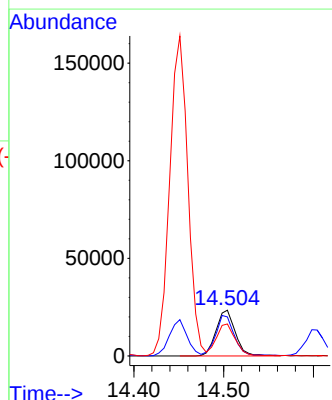
mohammad
8/5/2021 5:07:05 PM

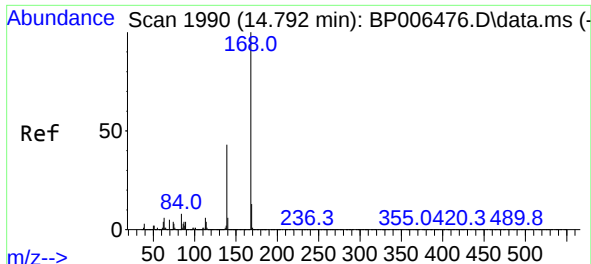


#54
2,4-Dinitrophenol
Concen: 10.129 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



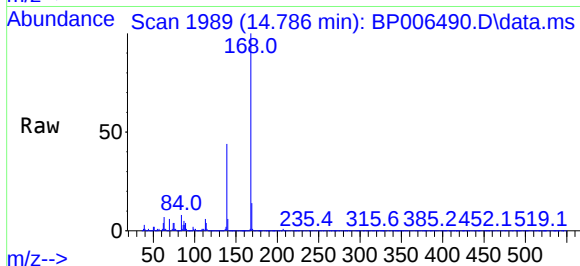
Tgt Ion:184 Resp: 34879
Ion Ratio Lower Upper
184 100
63 85.4 47.0 70.6#
154 70.1 52.3 78.5





#55
Dibenzofuran
Concen: 9.960 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

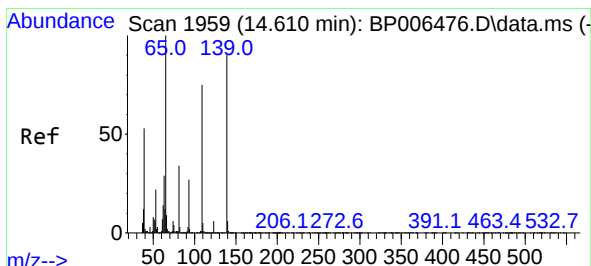
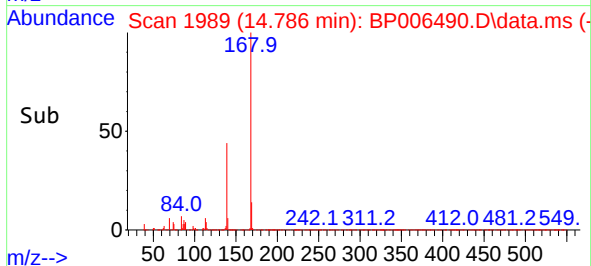
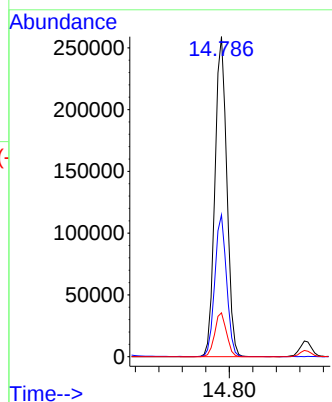
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



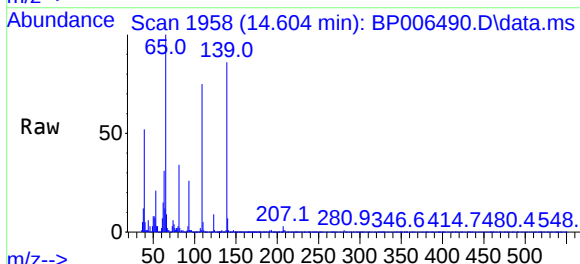
Tgt Ion:168 Resp: 363271
Ion Ratio Lower Upper
168 100
139 44.3 31.0 46.6
169 13.7 10.8 16.2

Manual Integrations
APPROVED

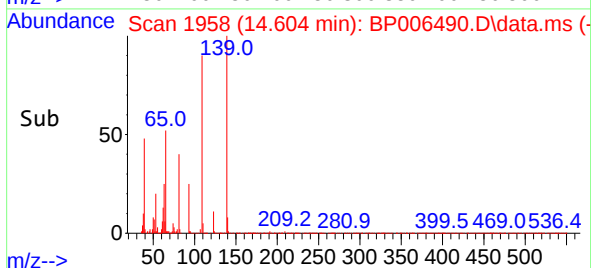
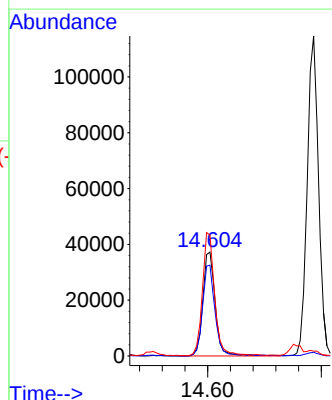
mohammad
8/5/2021 5:07:05 PM

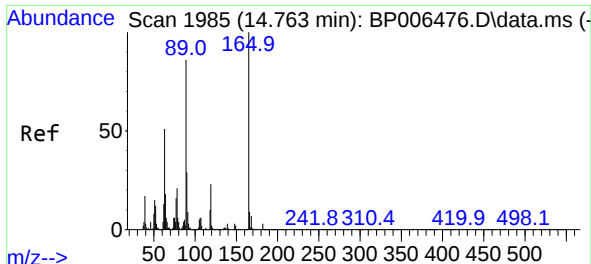


#56
4-Nitrophenol
Concen: 8.863 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



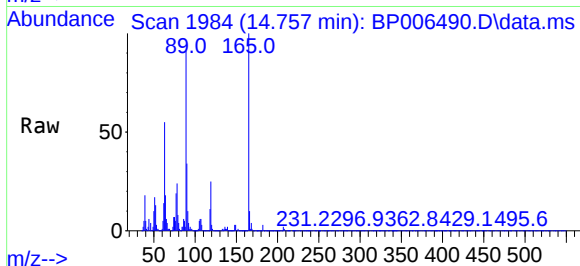
Tgt Ion:139 Resp: 56178
Ion Ratio Lower Upper
139 100
109 87.4 72.3 112.3
65 116.5 72.5 112.5#





#57
2,4-Dinitrotoluene
Concen: 8.640 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

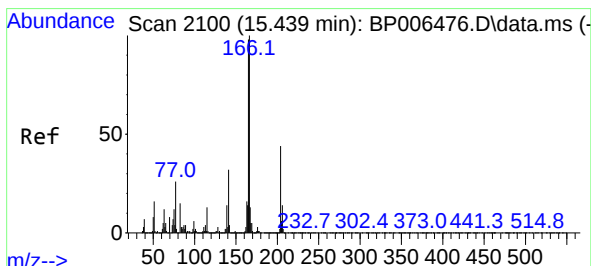
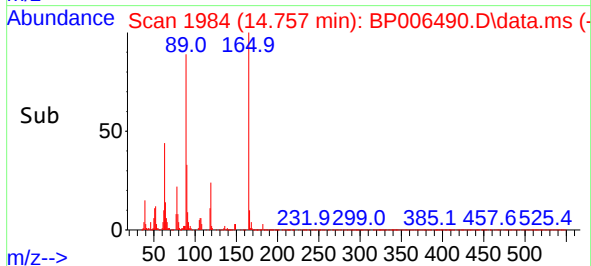
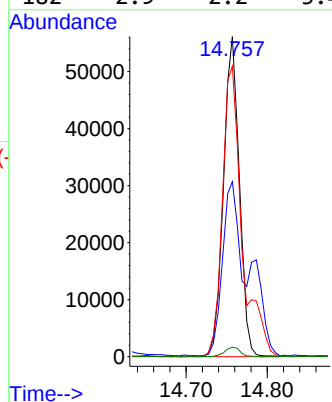
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:165 Resp: 76294
Ion Ratio Lower Upper
165 100
63 54.7 32.3 48.5#
89 90.8 55.9 83.9#
182 2.9 2.2 3.4

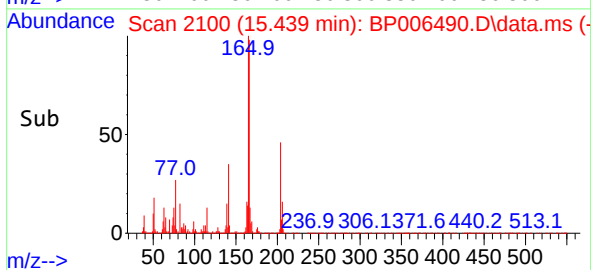
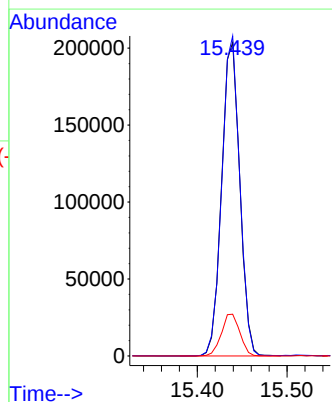
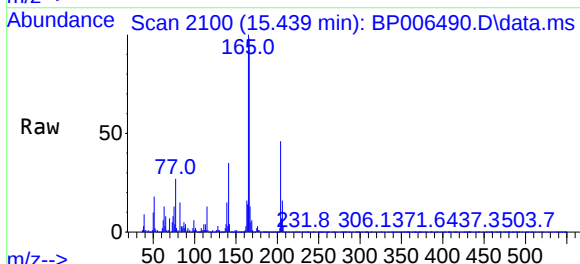
Manual Integrations
APPROVED

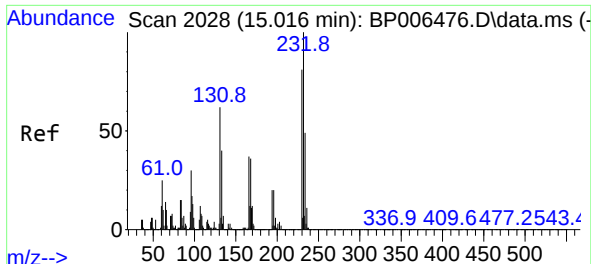
mohammad
8/5/2021 5:07:05 PM



#58
Fluorene
Concen: 9.822 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

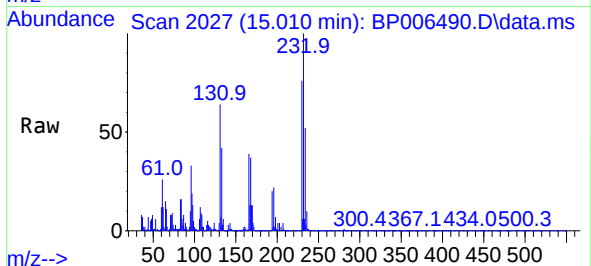
Tgt Ion:166 Resp: 286336
Ion Ratio Lower Upper
166 100
165 102.0 78.0 117.0
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.218 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

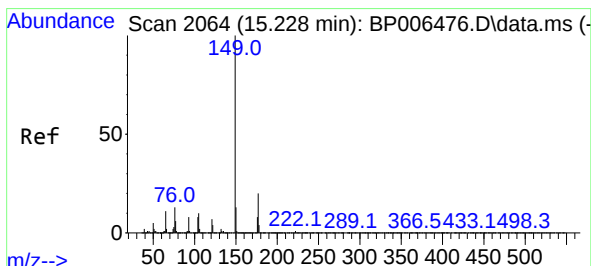
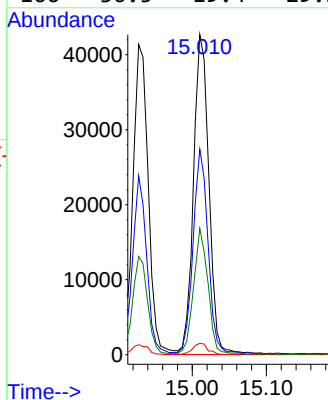
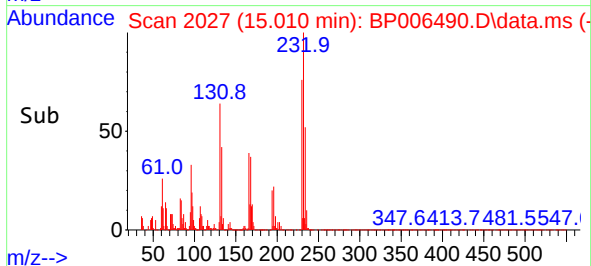
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



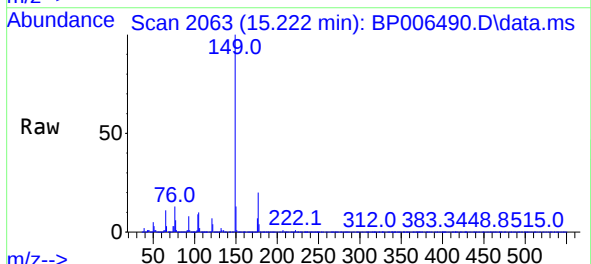
Tgt Ion:232 Resp: 61951
Ion Ratio Lower Upper
232 100
131 61.5 32.2 48.4#
130 3.6 2.0 3.0#
166 36.5 19.4 29.2#

Manual Integrations
APPROVED

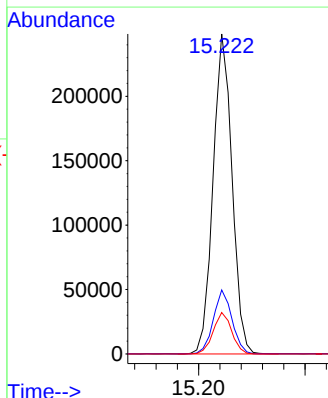
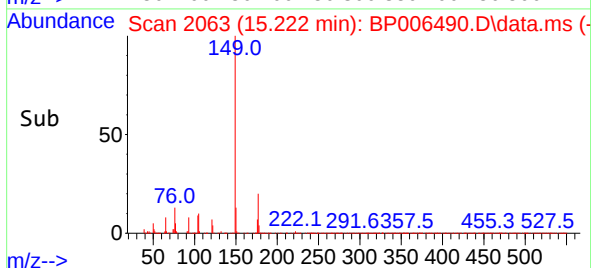
mohammad
8/5/2021 5:07:05 PM

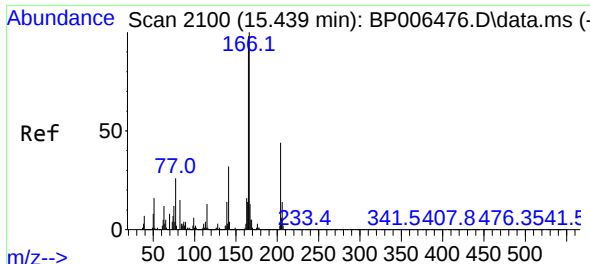


#60
Diethylphthalate
Concen: 9.873 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



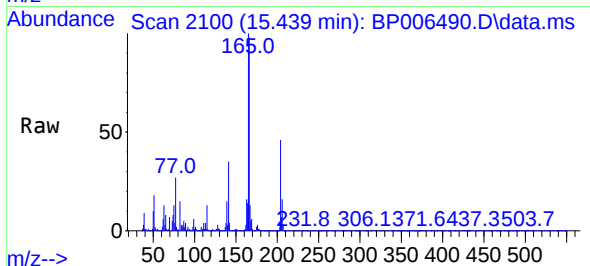
Tgt Ion:149 Resp: 305999
Ion Ratio Lower Upper
149 100
177 20.0 17.5 26.3
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.942 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

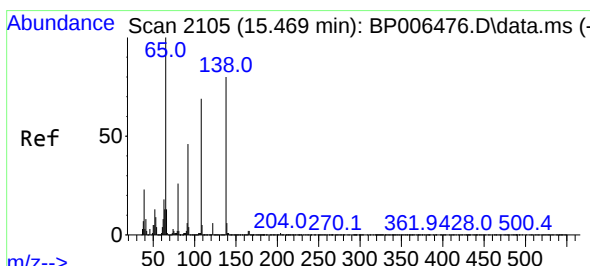
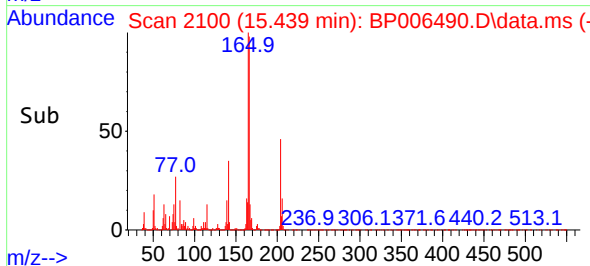
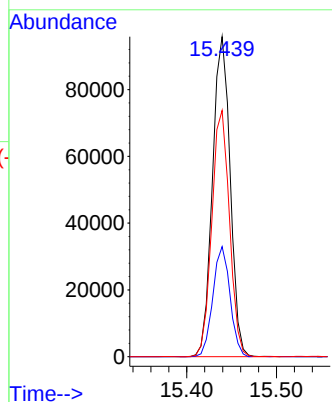
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:204 Resp: 131251
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 76.9 48.6 73.0#

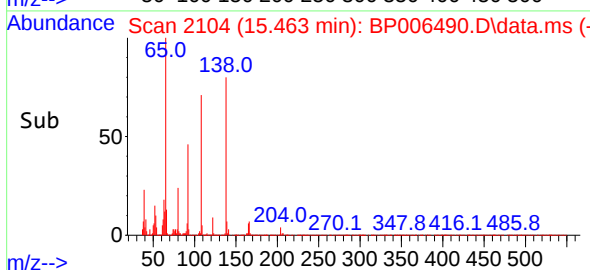
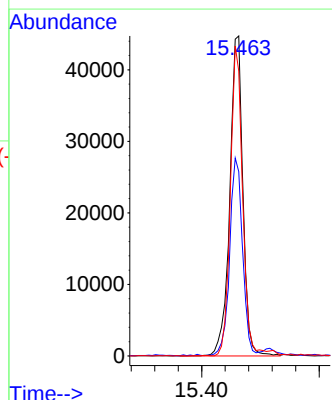
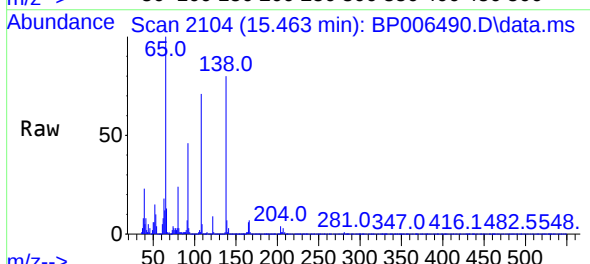
Manual Integrations
APPROVED

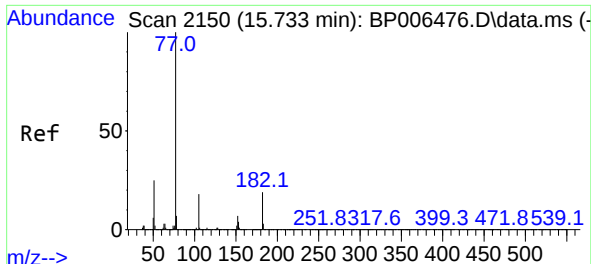
mohammad
8/5/2021 5:07:05 PM



#62
4-Nitroaniline
Concen: 8.984 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

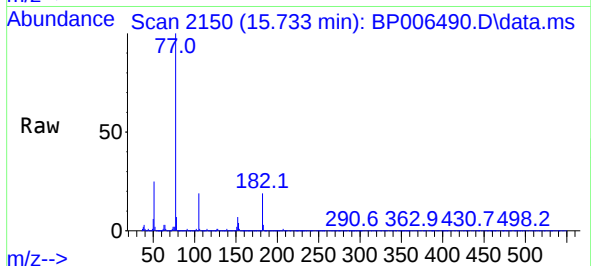
Tgt Ion:138 Resp: 69586
Ion Ratio Lower Upper
138 100
92 57.6 31.2 71.2
108 89.0 78.6 118.6





#63
Azobenzene
Concen: 9.717 ng
RT: 15.733 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

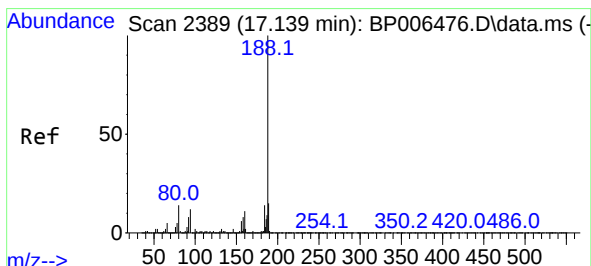
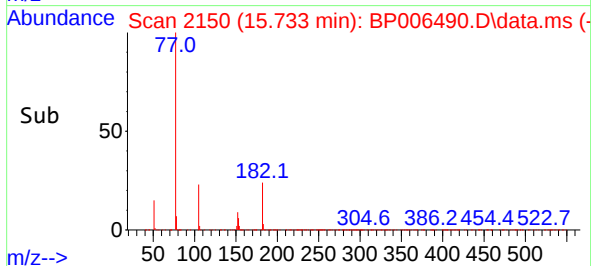
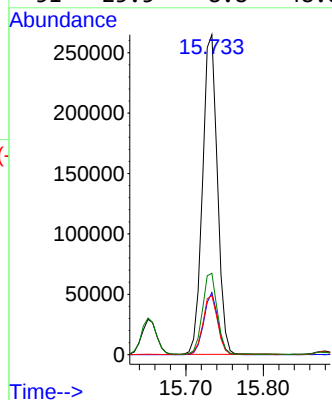
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:	77	Resp:	351119
Ion	Ratio	Lower	Upper
77	100		
182	19.4	6.0	46.0
105	18.5	0.0	38.8
51	25.5	8.8	48.8

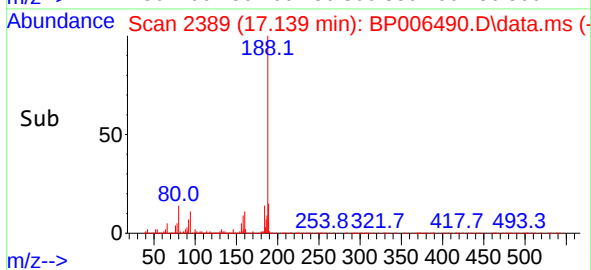
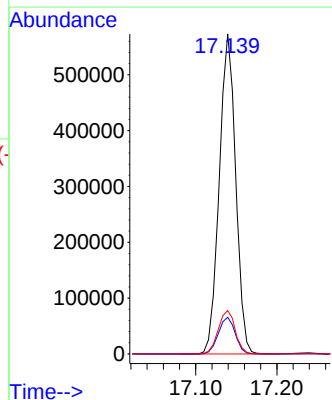
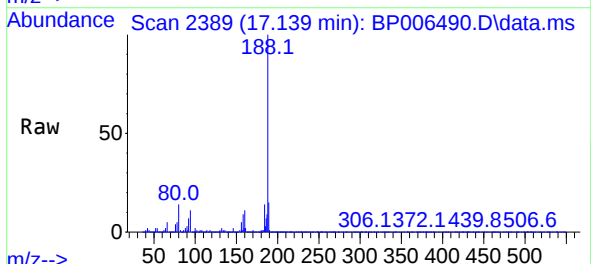
Manual Integrations
APPROVED

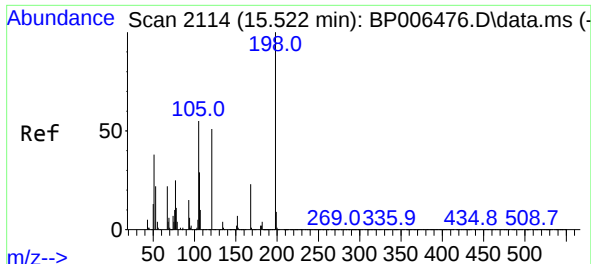
mohammad
8/5/2021 5:07:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	188	Resp:	807632
Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.6	8.4#
80	13.6	6.3	9.5#





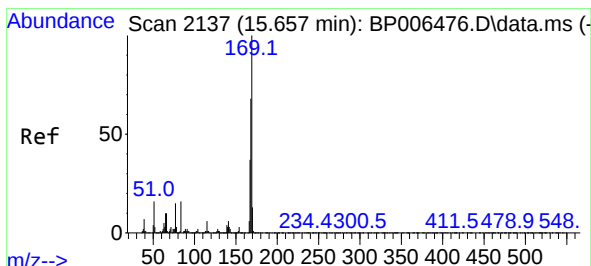
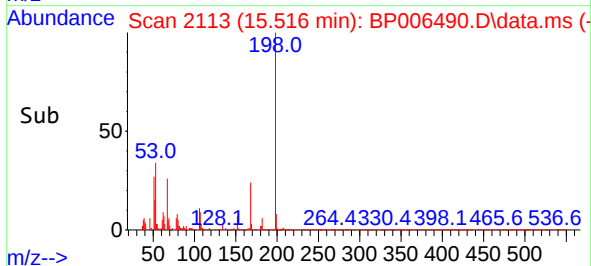
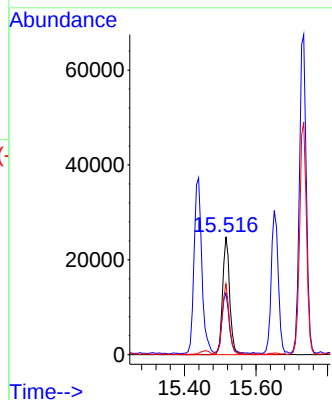
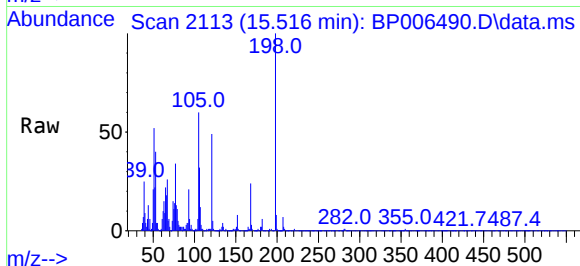
#65
4,6-Dinitro-2-methylphenol
Concen: 6.960 ng m
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.2	14.0	54.0
105	60.0	19.5	59.5

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

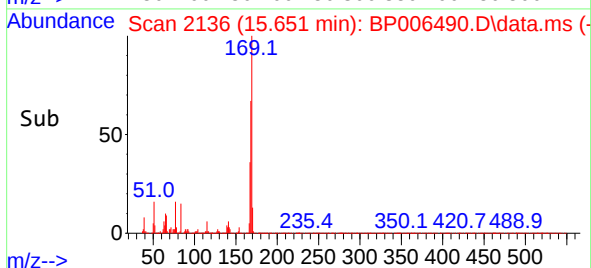
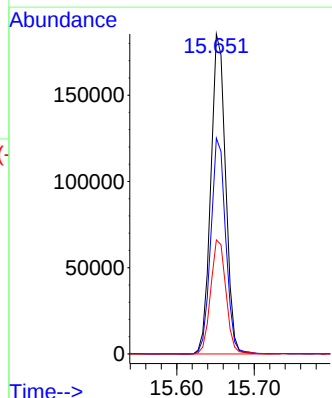
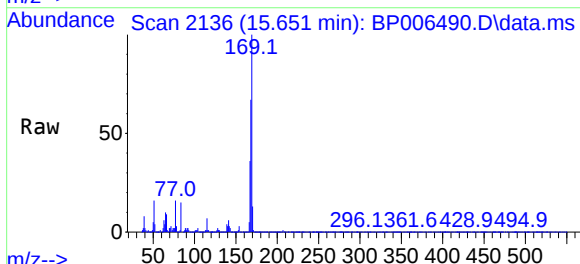
Manual Integrations
APPROVED

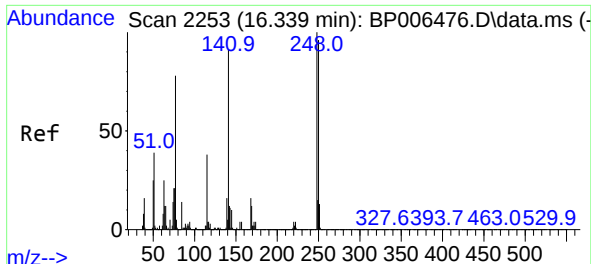
mohammad
8/5/2021 5:07:05 PM



#66
n-Nitrosodiphenylamine
Concen: 9.672 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

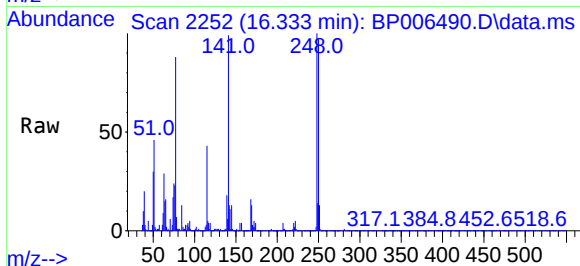
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	35.6	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 9.560 ng
RT: 16.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

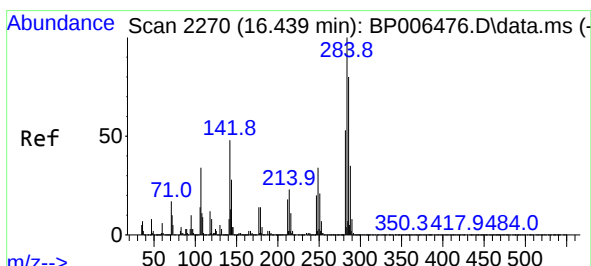
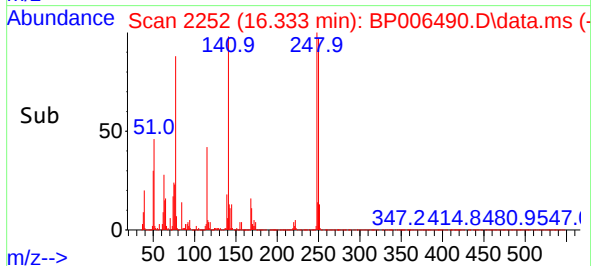
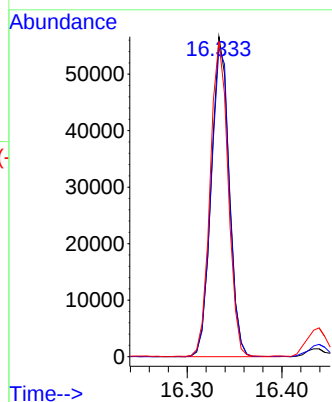
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:248 Resp: 74084
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 98.5 57.8 86.6#

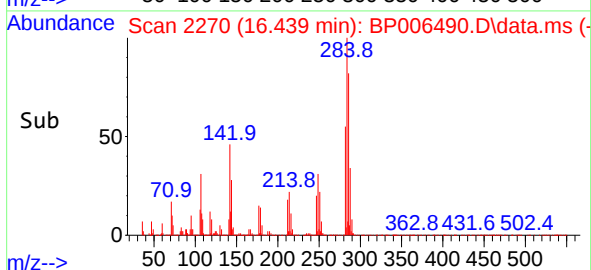
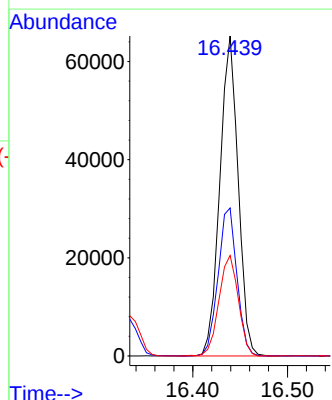
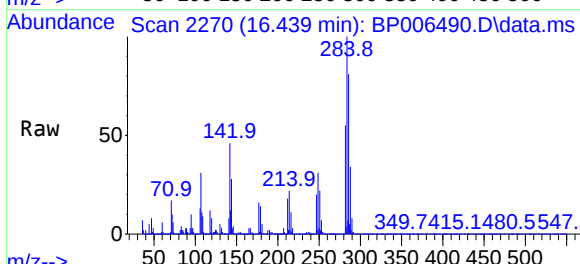
Manual Integrations
APPROVED

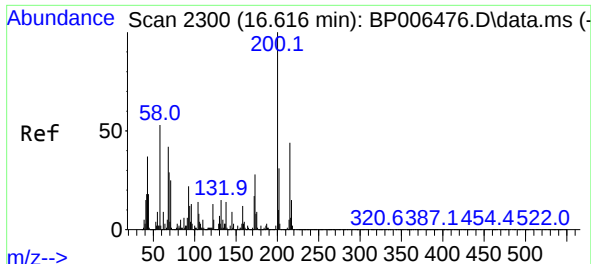
mohammad
8/5/2021 5:07:05 PM



#68
Hexachlorobenzene
Concen: 9.935 ng
RT: 16.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:284 Resp: 87614
Ion Ratio Lower Upper
284 100
142 46.3 26.9 40.3#
249 31.4 24.5 36.7





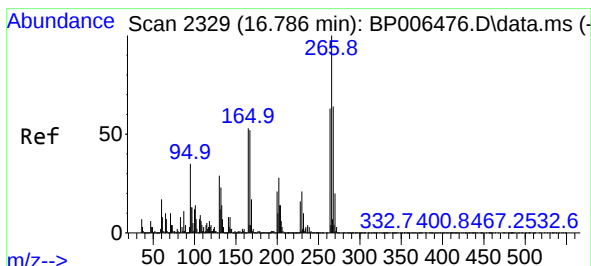
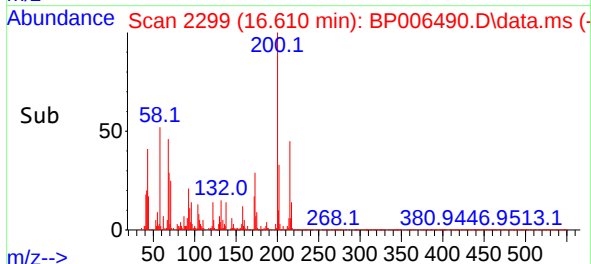
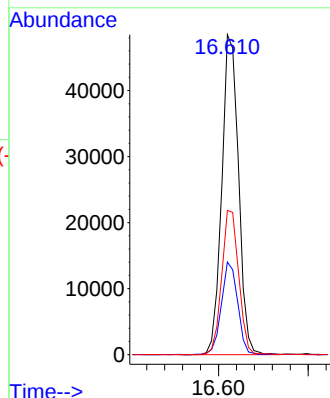
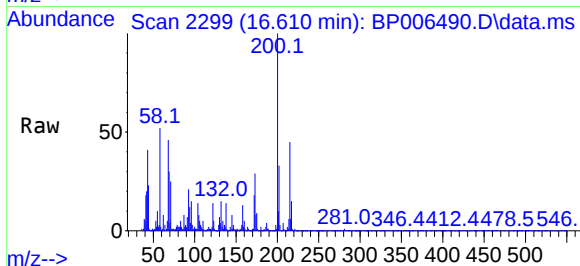
#69
Atrazine
Concen: 7.932 ng
RT: 16.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:	200	Resp:	62835
Ion Ratio	Lower	Upper	
200	100		
173	28.9	4.1	44.1
215	45.1	27.7	67.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

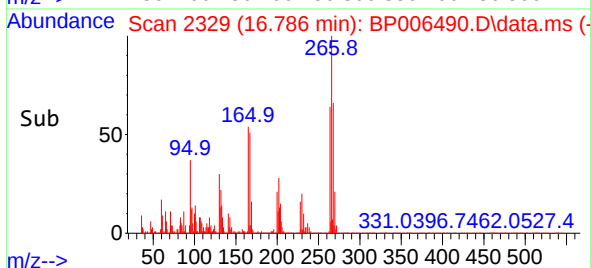
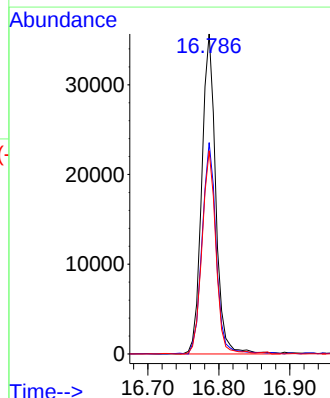
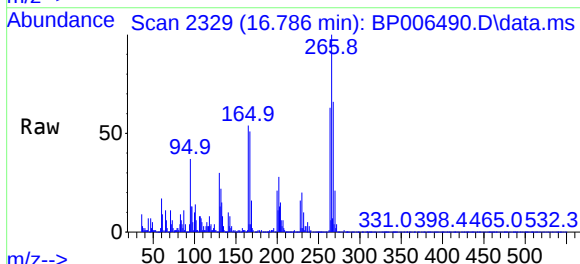
Manual Integrations
APPROVED

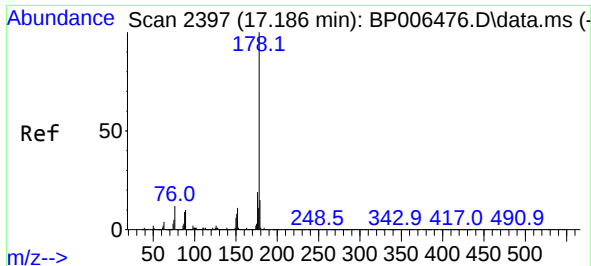
mohammad
8/5/2021 5:07:05 PM



#70
Pentachlorophenol
Concen: 8.746 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

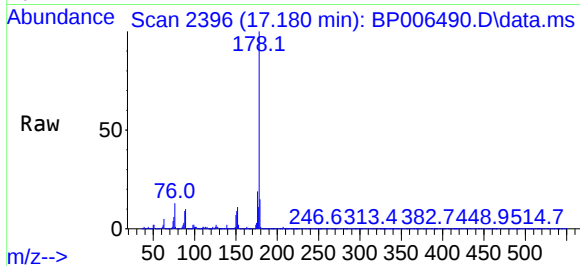
Tgt Ion:	266	Resp:	48936
Ion Ratio	Lower	Upper	
266	100		
268	66.0	51.6	77.4
264	63.5	50.3	75.5





#71
Phenanthrene
Concen: 10.153 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

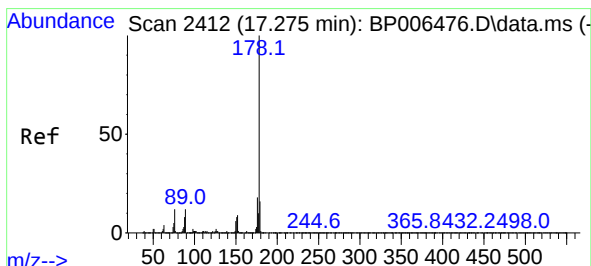
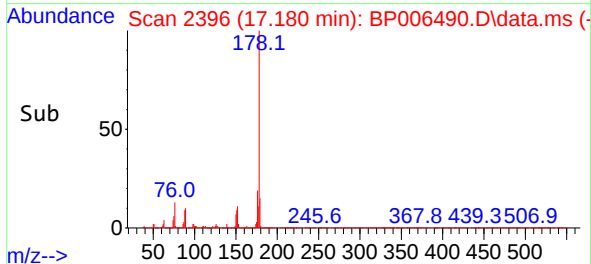
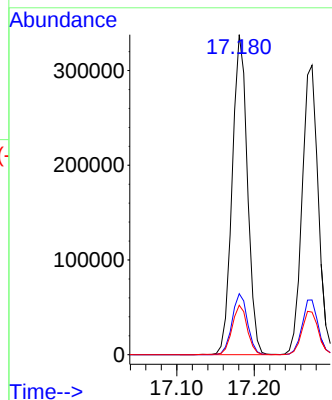
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:178 Resp: 462523
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.4 18.6

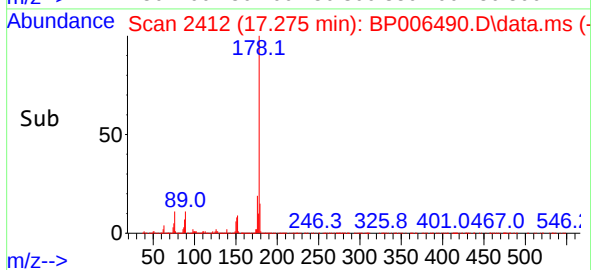
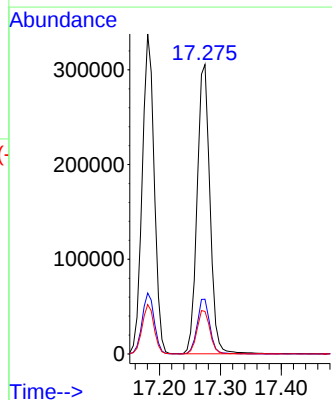
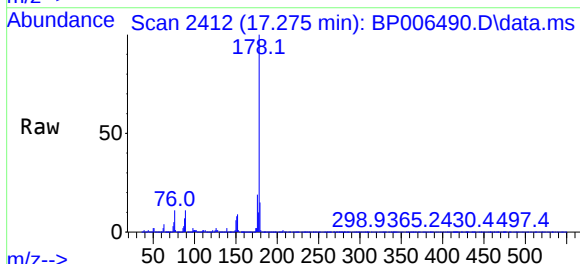
Manual Integrations
APPROVED

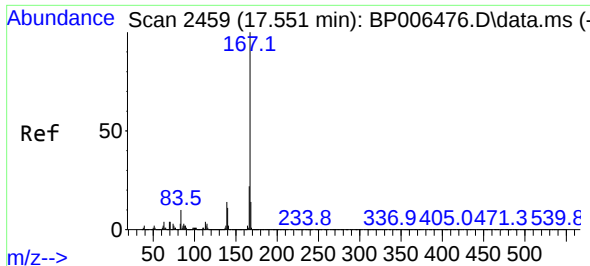
mohammad
8/5/2021 5:07:05 PM



#72
Anthracene
Concen: 10.137 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

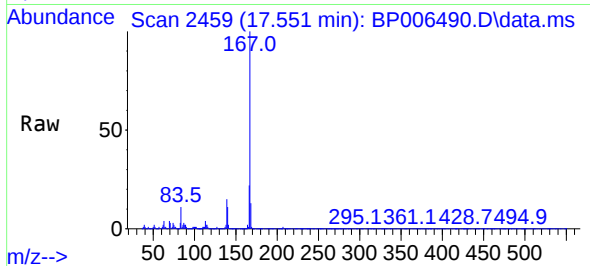
Tgt Ion:178 Resp: 446203
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.7 12.2 18.2





#73
 Carbazole
 Concen: 9.498 ng
 RT: 17.551 min Scan# 2459
 Delta R.T. -0.000 min
 Lab File: BP006490.D
 Acq: 04 Aug 2021 11:47

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

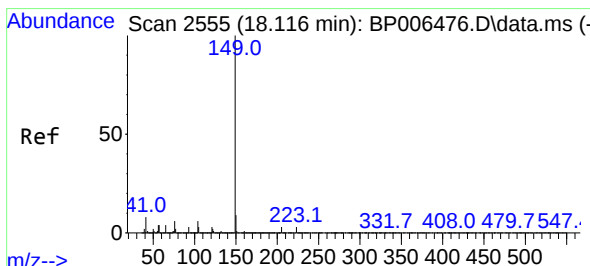
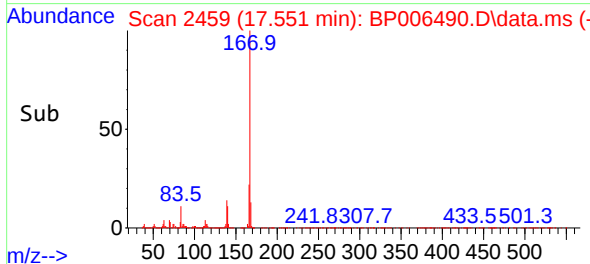
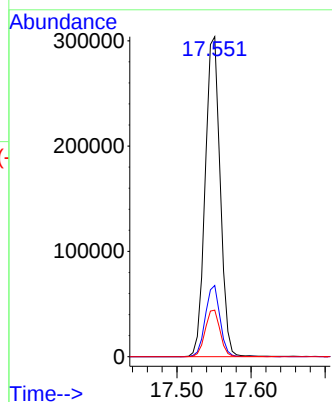


Tgt Ion:167 Resp: 426477

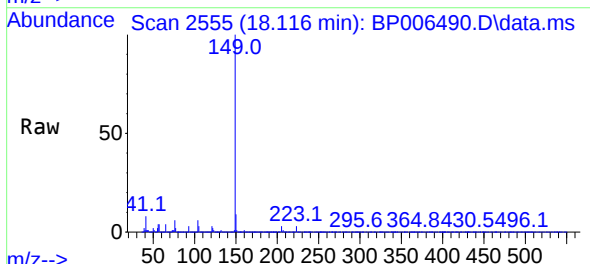
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	14.5	10.7	16.1

Manual Integrations
 APPROVED

mohammad
 8/5/2021 5:07:05 PM

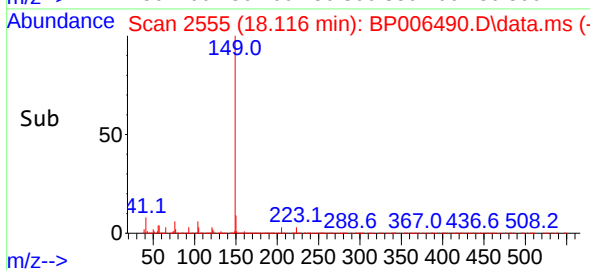
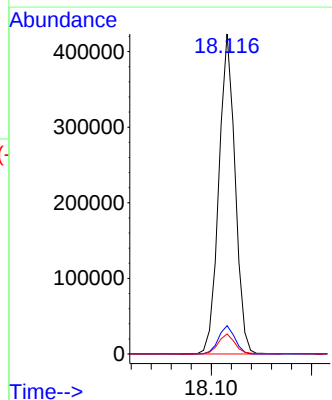


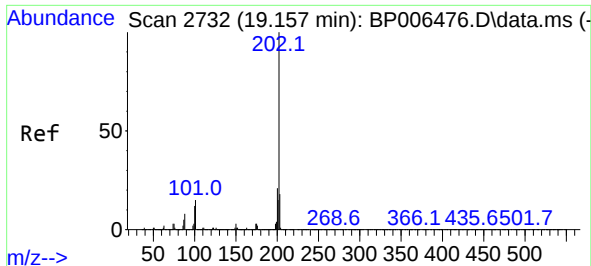
#74
 Di-n-butylphthalate
 Concen: 9.296 ng
 RT: 18.116 min Scan# 2555
 Delta R.T. -0.000 min
 Lab File: BP006490.D
 Acq: 04 Aug 2021 11:47



Tgt Ion:149 Resp: 475550

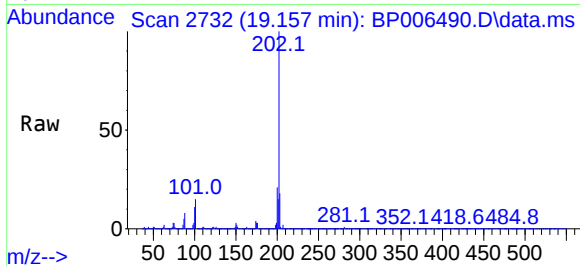
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	6.2	4.5	6.7





#75
Fluoranthene
Concen: 9.926 ng
RT: 19.157 min Scan# 2732
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

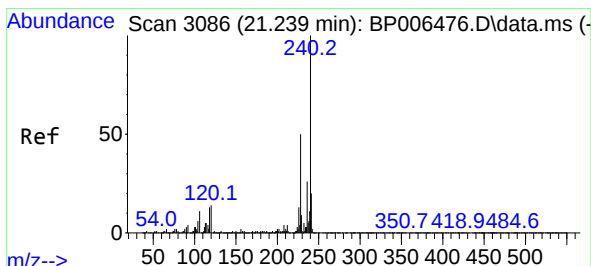
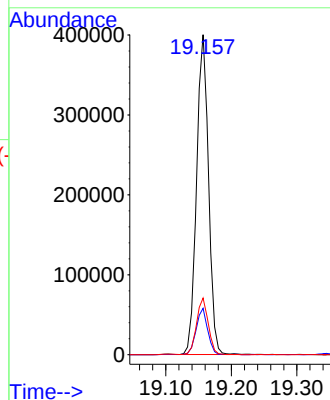
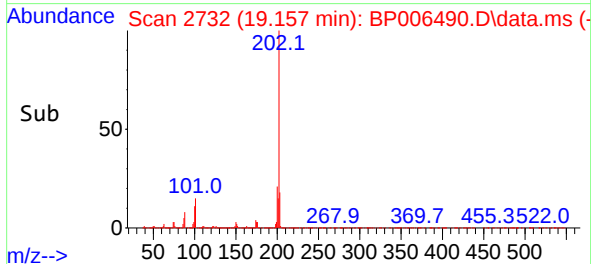
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



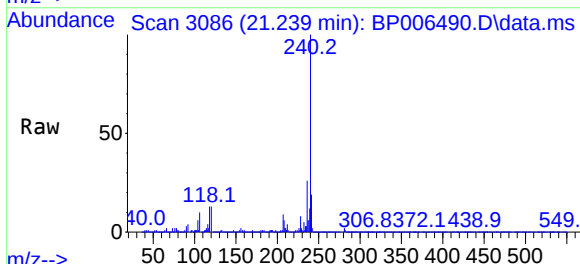
Tgt Ion:202 Resp: 507513
Ion Ratio Lower Upper
202 100
101 14.5 0.0 27.6
203 17.7 0.0 37.8

Manual Integrations
APPROVED

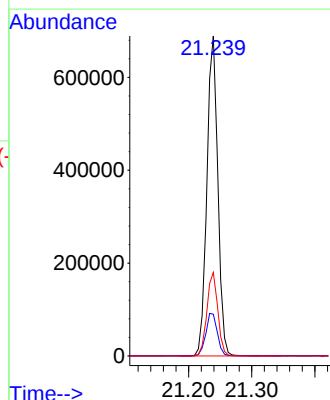
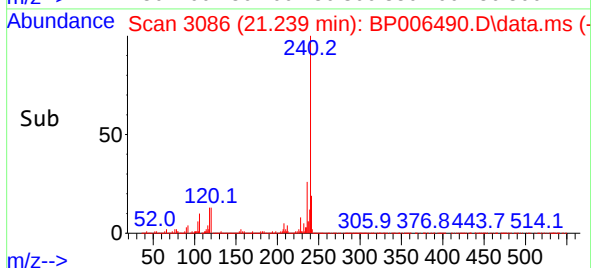
mohammad
8/5/2021 5:07:05 PM

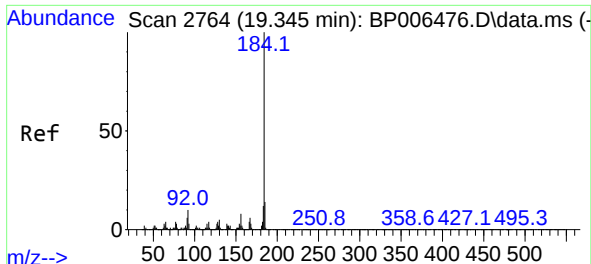


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

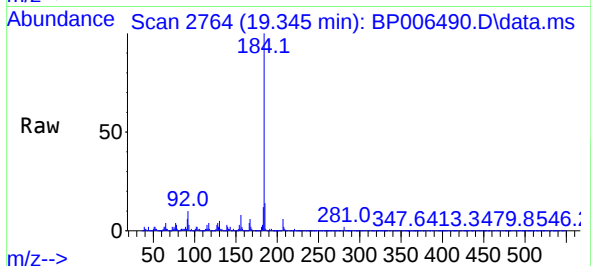


Tgt Ion:240 Resp: 831494
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.1 20.6 31.0

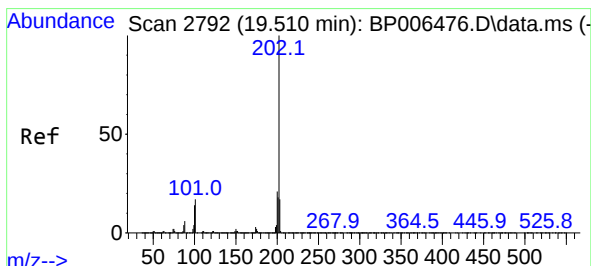
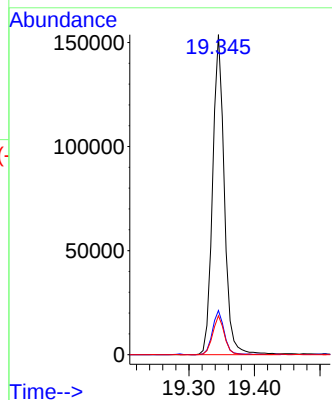
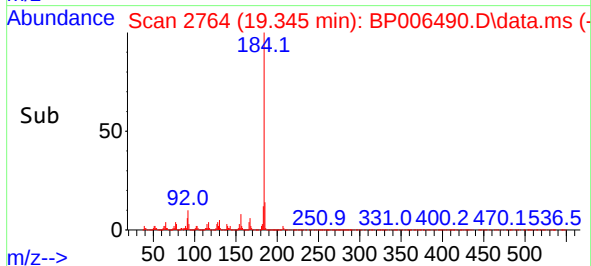




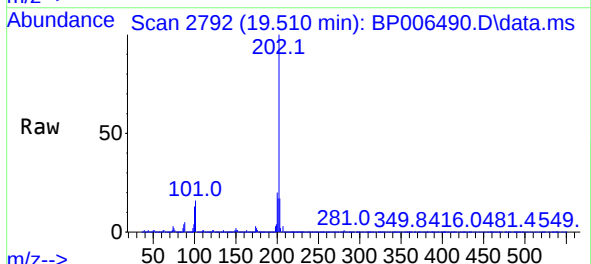
#77
Benzidine
Concen: 9.171 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



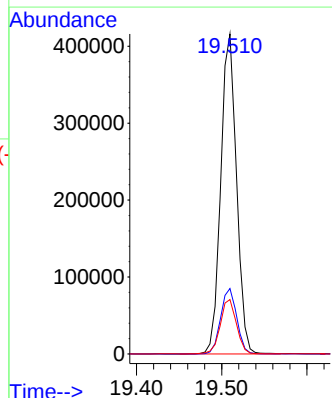
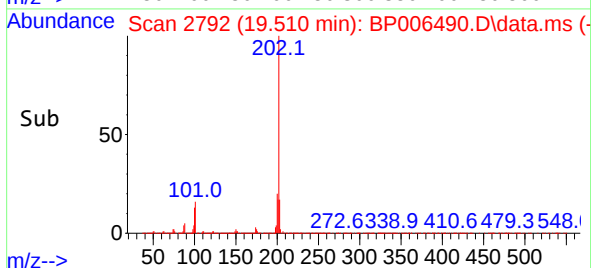
Tgt Ion:184 Resp: 190825
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.4
183 12.1 9.5 14.3



#78
Pyrene
Concen: 9.634 ng
RT: 19.510 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



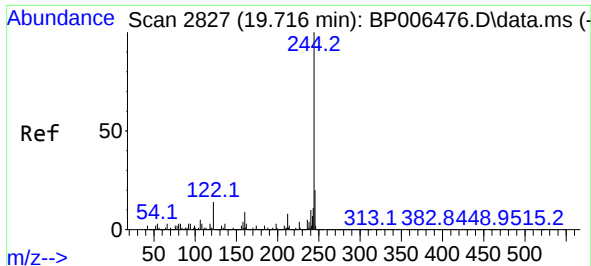
Tgt Ion:202 Resp: 535062
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.0 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/5/2021 5:07:05 PM



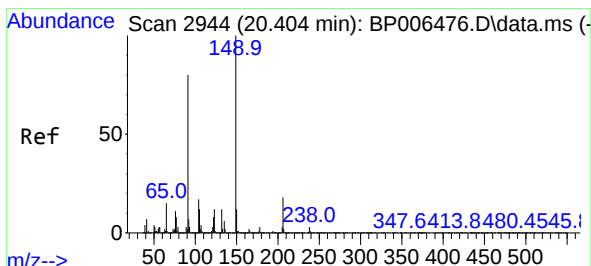
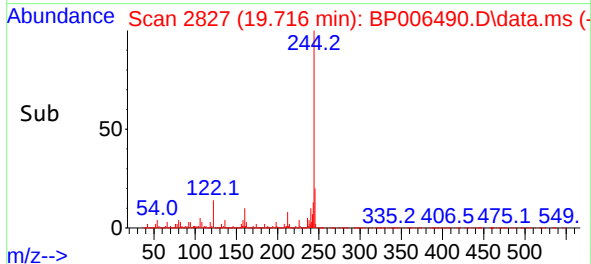
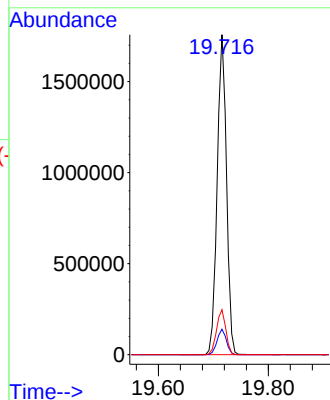
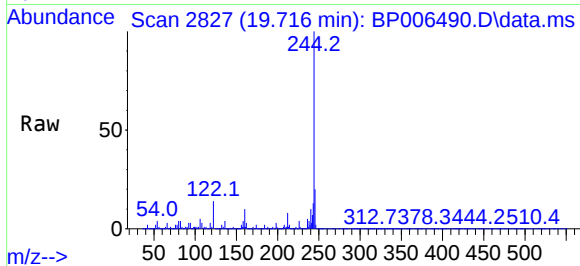
#79
Terphenyl-d14
Concen: 49.950 ng
RT: 19.716 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:244 Resp: 2072734
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 14.0 7.1 10.7#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

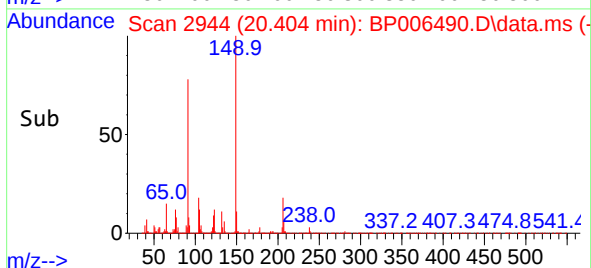
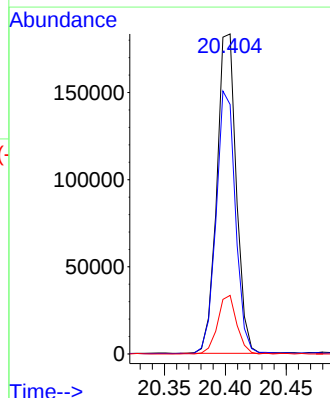
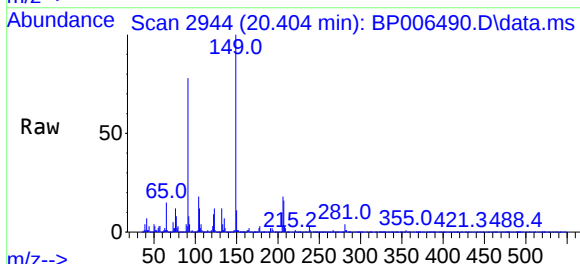
Manual Integrations
APPROVED

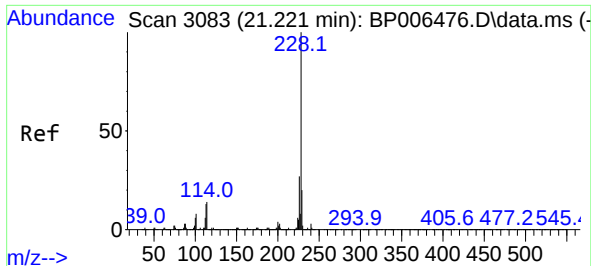
mohammad
8/5/2021 5:07:05 PM



#80
Butylbenzylphthalate
Concen: 8.368 ng
RT: 20.404 min Scan# 2944
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

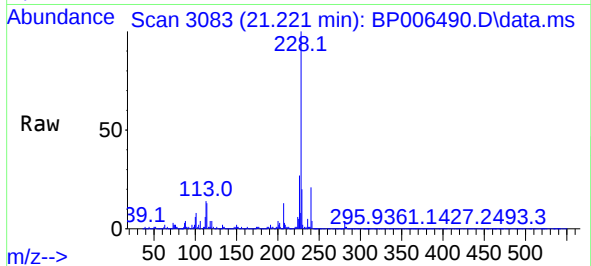
Tgt Ion:149 Resp: 204361
Ion Ratio Lower Upper
149 100
91 77.9 54.6 81.8
206 18.3 16.7 25.1





#81
Benzo(a)anthracene
Concen: 9.616 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

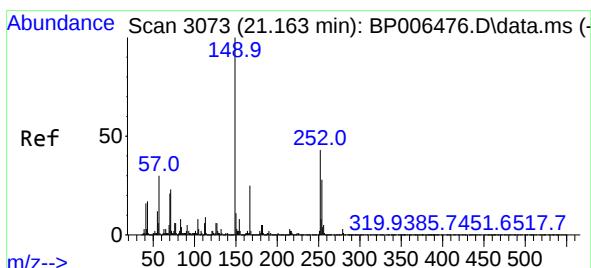
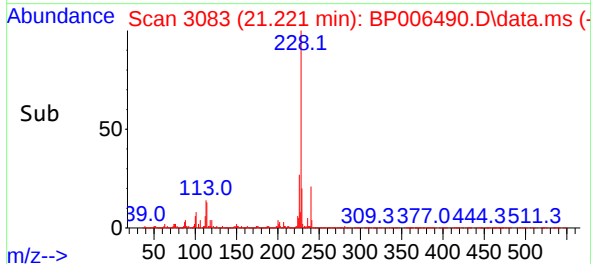
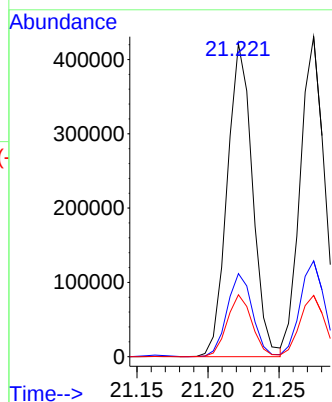
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:228 Resp: 522544
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.8 15.8 23.6

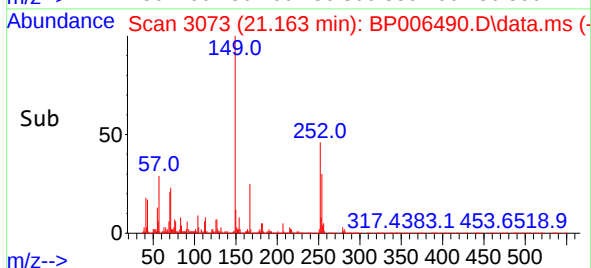
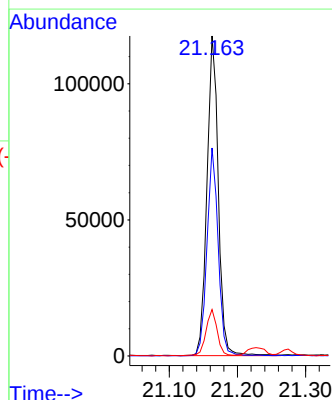
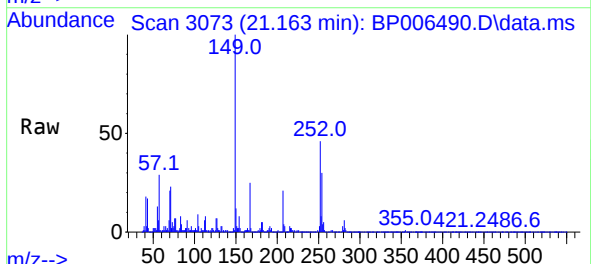
Manual Integrations
APPROVED

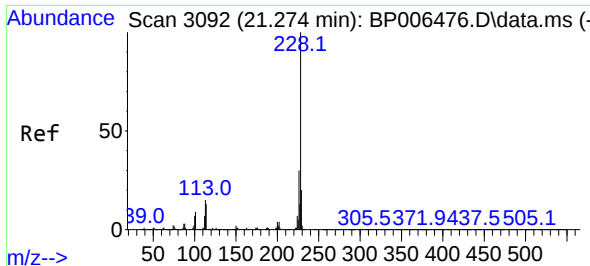
mohammad
8/5/2021 5:07:05 PM



#82
3,3'-Dichlorobenzidine
Concen: 9.532 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:252 Resp: 135984
Ion Ratio Lower Upper
252 100
254 65.0 50.6 76.0
126 14.5 7.0 10.6#





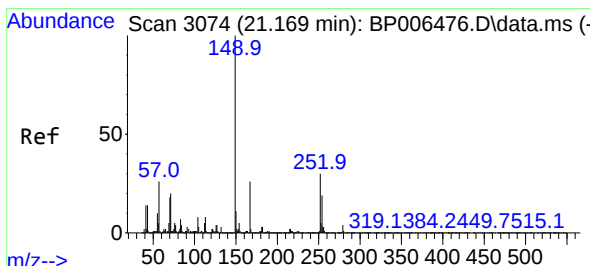
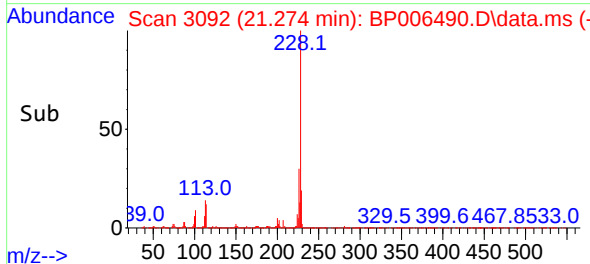
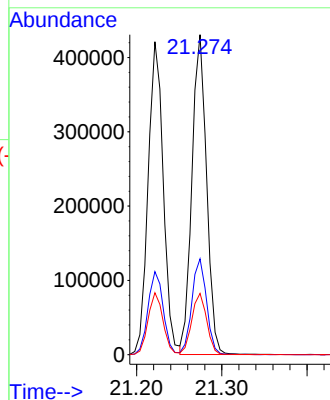
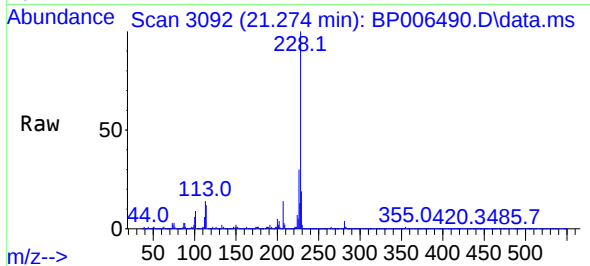
#83
Chrysene
Concen: 9.760 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:228 Resp: 514175
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.1 15.4 23.2

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

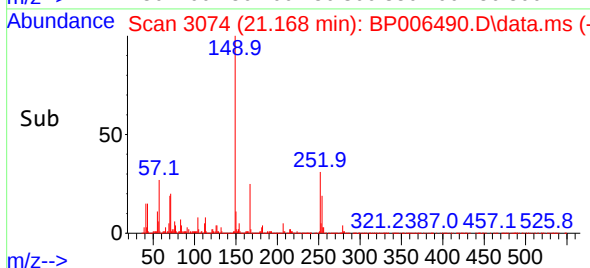
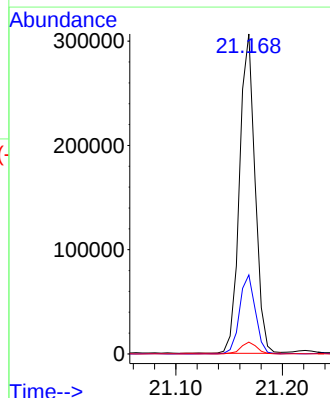
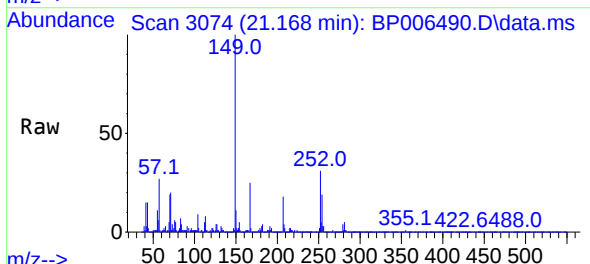
Manual Integrations
APPROVED

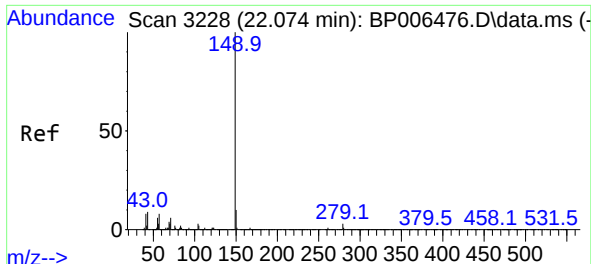
mohammad
8/5/2021 5:07:05 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.469 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

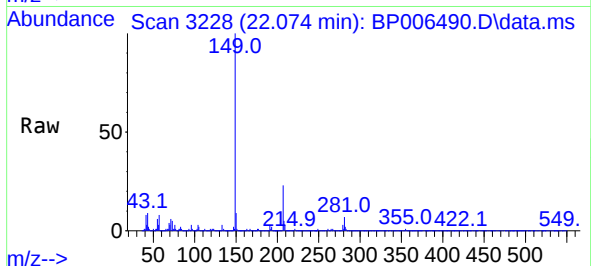
Tgt Ion:149 Resp: 310802
Ion Ratio Lower Upper
149 100
167 24.7 21.9 32.9
279 3.7 4.3 6.5#





#85
Di-n-octyl phthalate
Concen: 8.374 ng
RT: 22.074 min Scan# 3228
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

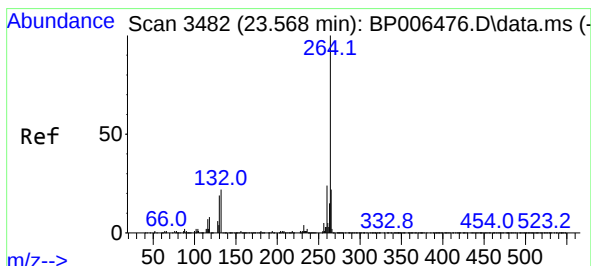
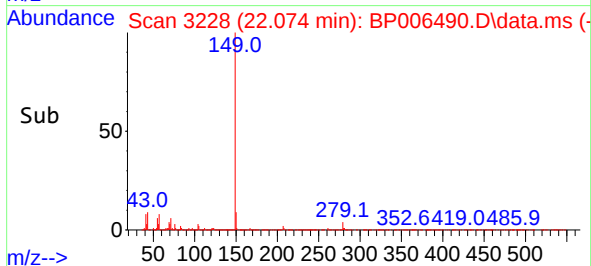
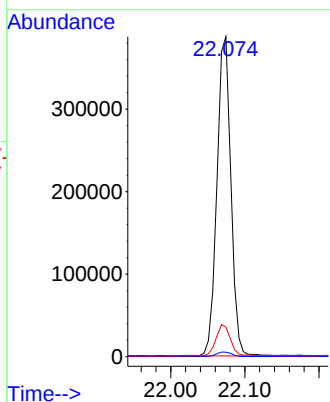
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:149 Resp: 506583
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 5.6 8.4#

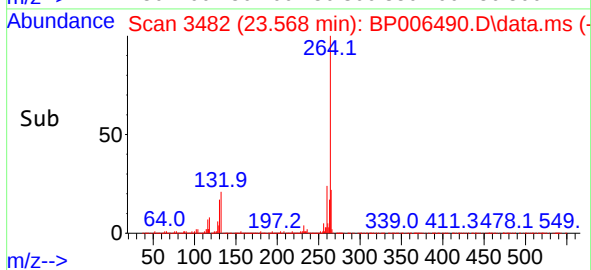
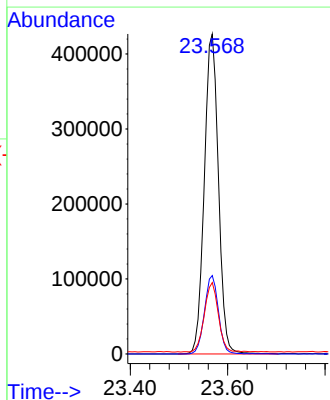
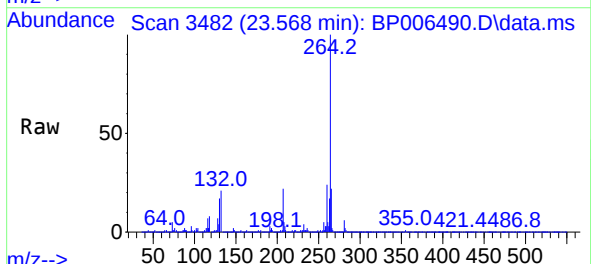
Manual Integrations
APPROVED

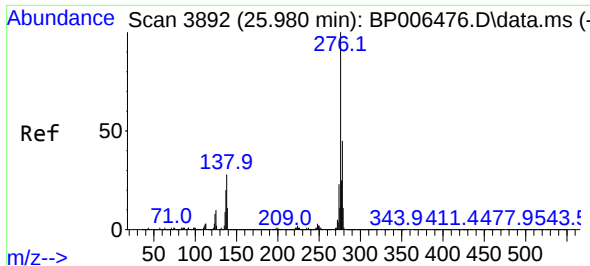
mohammad
8/5/2021 5:07:05 PM



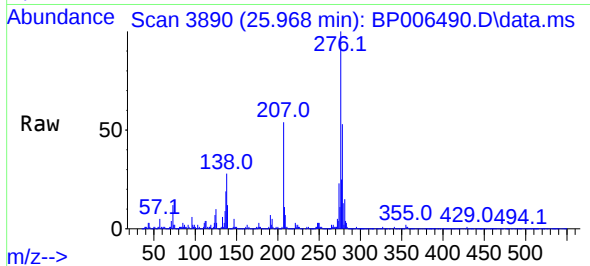
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.568 min Scan# 3482
Delta R.T. -0.000 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:264 Resp: 856402
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.3 17.6 26.4

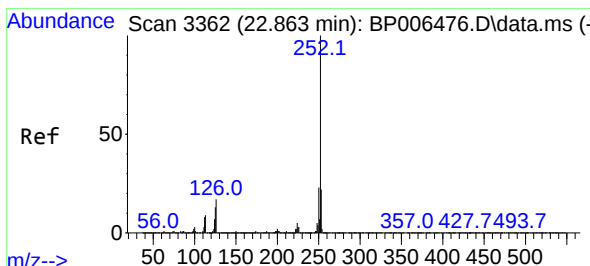
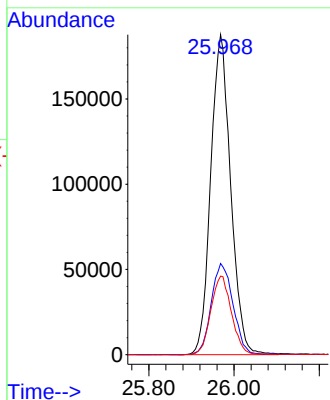
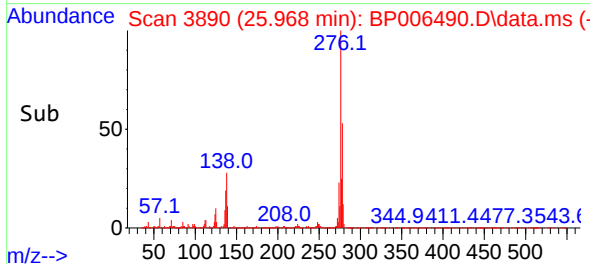




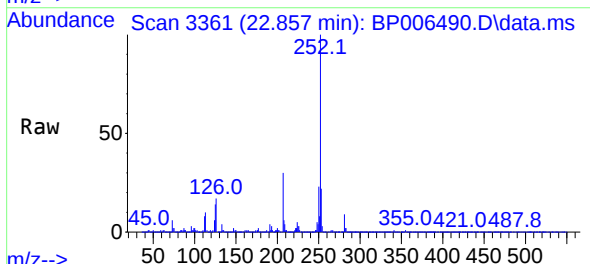
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.817 ng
RT: 25.968 min Scan# 3890
Delta R.T. -0.012 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



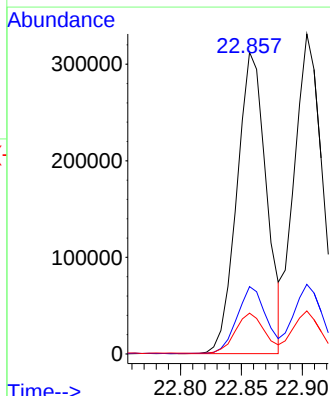
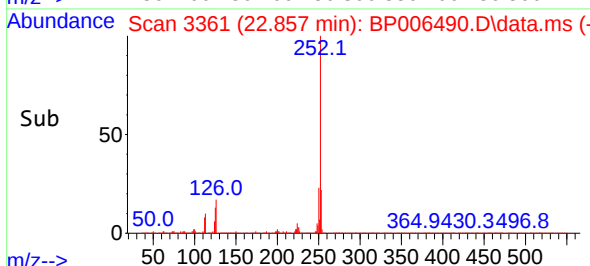
Tgt Ion: 276 Resp: 609594
Ion Ratio Lower Upper
276 100
138 31.1 15.3 22.9#
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 9.465 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



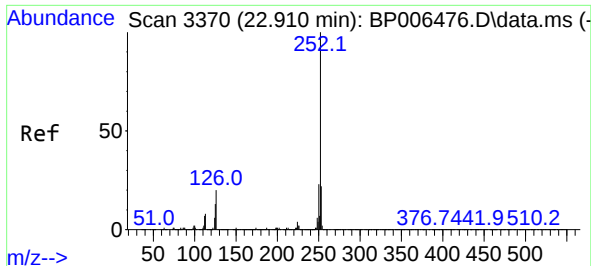
Tgt Ion: 252 Resp: 526828
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.5 6.2 9.4#



Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/5/2021 5:07:05 PM



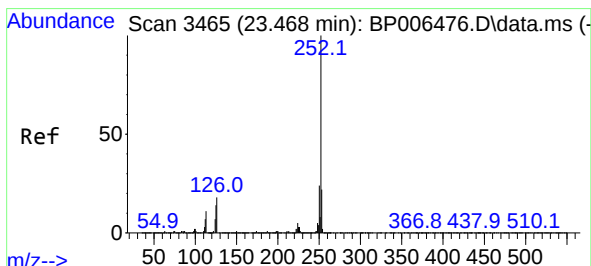
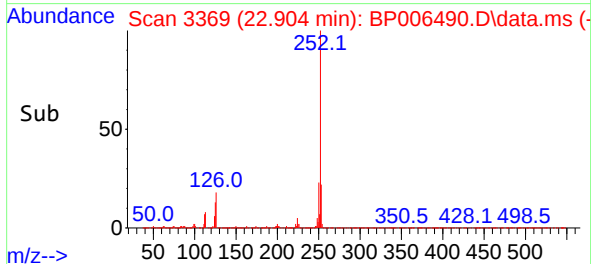
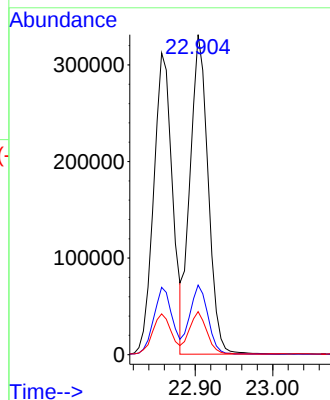
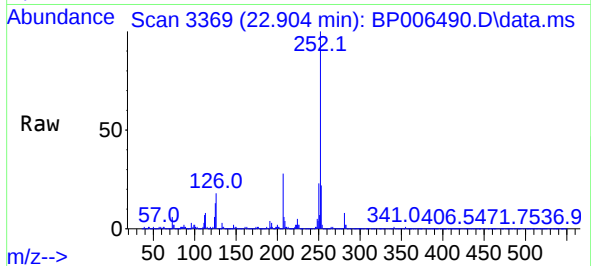
#89
Benzo(k)fluoranthene
Concen: 10.029 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:252 Resp: 535964
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 13.4 6.0 9.0#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

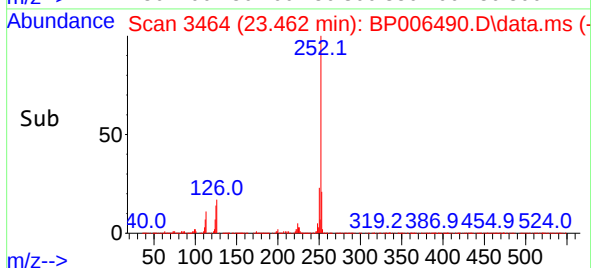
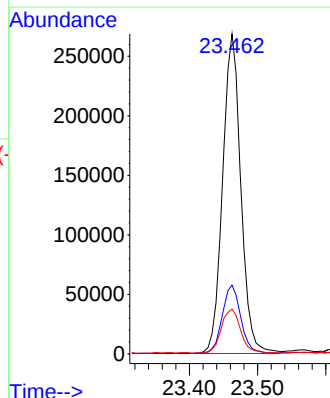
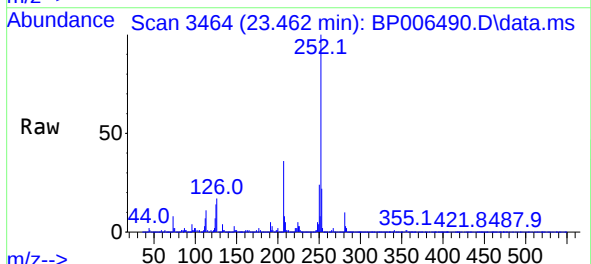
Manual Integrations
APPROVED

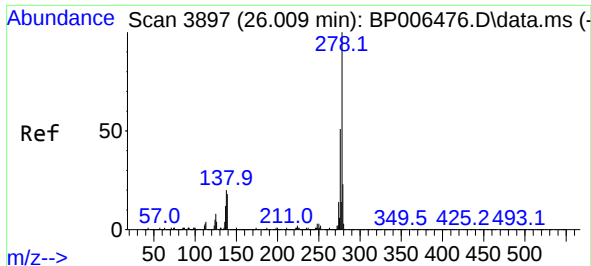
mohammad
8/5/2021 5:07:05 PM



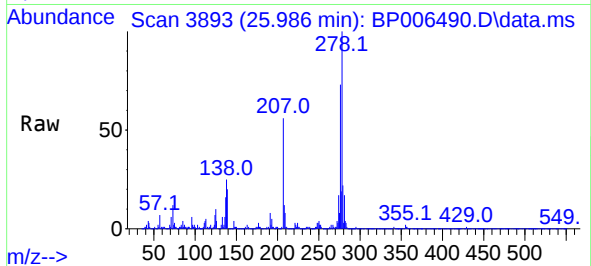
#90
Benzo(a)pyrene
Concen: 9.995 ng
RT: 23.462 min Scan# 3464
Delta R.T. -0.006 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47

Tgt Ion:252 Resp: 498994
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 14.1 6.5 9.7#

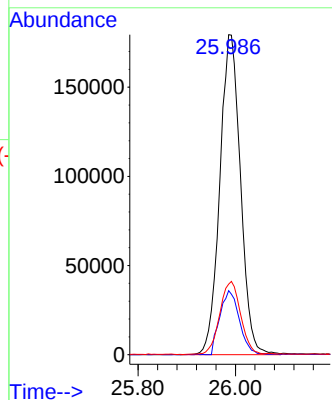
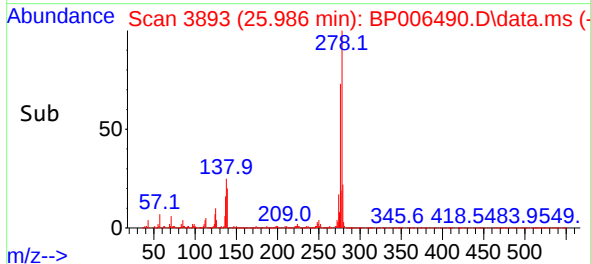




#91
Dibenzo(a,h)anthracene
Concen: 9.856 ng
RT: 25.986 min Scan# 3893
Delta R.T. -0.024 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



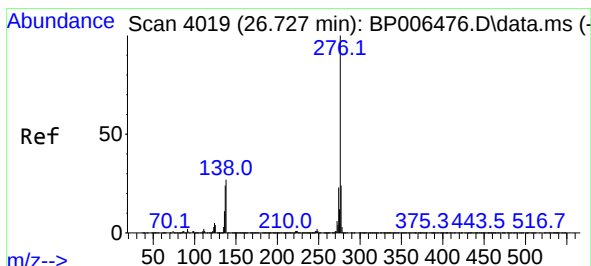
Tgt Ion: 278 Resp: 529194
Ion Ratio Lower Upper
278 100
139 20.0 9.3 13.9#
279 22.1 18.8 28.2



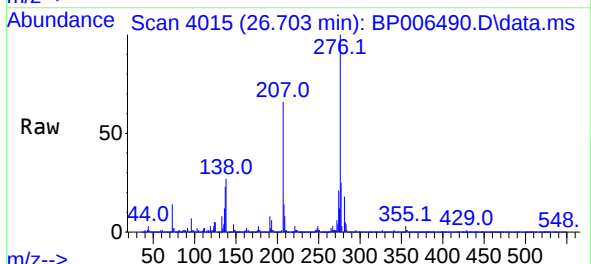
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/5/2021 5:07:05 PM



#92
Benzo(g,h,i)perylene
Concen: 9.902 ng
RT: 26.703 min Scan# 4015
Delta R.T. -0.024 min
Lab File: BP006490.D
Acq: 04 Aug 2021 11:47



Tgt Ion: 276 Resp: 509463
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 26.8 12.6 18.8#

