

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019508.D
 Acq On : 01 Feb 2024 15:06
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-SOIL-05PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 01 16:22:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	85562	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	338749	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	210318	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	421672	20.000	ng	0.00
76) Chrysene-d12	21.392	240	440839	20.000	ng	0.00
86) Perylene-d12	23.816	264	555464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	449468	84.676	ng	0.00
7) Phenol-d6	7.075	99	581475	81.243	ng	-0.01
23) Nitrobenzene-d5	9.081	82	879472	112.499	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	241422	78.619	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1932081	113.566	ng	0.00
79) Terphenyl-d14	19.875	244	2841186	105.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	9843	4.813	ng	98
3) Pyridine	3.793	79	22467	4.052	ng	98
4) n-Nitrosodimethylamine	3.711	42	10093	4.181	ng	# 97
6) Aniline	7.240	93	36121	5.194	ng	99
8) 2-Chlorophenol	7.475	128	23290	4.274	ng	91
9) Benzaldehyde	7.058	77	25312	5.044	ng	96
10) Phenol	7.105	94	31423	4.405	ng	95
11) bis(2-Chloroethyl)ether	7.346	93	24905	4.488	ng	95
12) 1,3-Dichlorobenzene	7.799	146	29007	4.350	ng	96
13) 1,4-Dichlorobenzene	7.946	146	29726	4.400	ng	99
14) 1,2-Dichlorobenzene	8.264	146	28068	4.294	ng	95
15) Benzyl Alcohol	8.158	79	24499	4.284	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	25097	4.522	ng	99
17) 2-Methylphenol	8.358	107	19604	4.082	ng	97
18) Hexachloroethane	8.981	117	11276	4.306	ng	93
19) n-Nitroso-di-n-propyla...	8.722	70	20420	4.177	ng	# 98
20) 3+4-Methylphenols	8.681	107	28002	4.272	ng	95
22) Acetophenone	8.740	105	41902	4.342	ng	# 98
24) Nitrobenzene	9.122	77	34801	4.421	ng	99
25) Isophorone	9.646	82	55596	4.083	ng	98
26) 2-Nitrophenol	9.828	139	11241	3.745	ng	99
27) 2,4-Dimethylphenol	9.887	122	18899	4.925	ng	96
28) bis(2-Chloroethoxy)met...	10.140	93	32756	4.252	ng	99
29) 2,4-Dichlorophenol	10.363	162	22442	3.869	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	29425	4.137	ng	98
31) Naphthalene	10.763	128	77609	4.177	ng	99
32) Benzoic acid	9.952	122	12086m	3.232	ng	
33) 4-Chloroaniline	10.881	127	30741	4.474	ng	98
34) Hexachlorobutadiene	11.040	225	21260	4.033	ng	94
35) Caprolactam	11.652	113	5945	3.620	ng	93
36) 4-Chloro-3-methylphenol	11.999	107	25052	3.960	ng	96
37) 2-Methylnaphthalene	12.375	142	52202	4.060	ng	96
38) 1-Methylnaphthalene	12.593	142	50643	4.008	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	35820	4.416	ng	97
41) Hexachlorocyclopentadiene	12.704	237	19833	5.413	ng	96
43) 2,4,6-Trichlorophenol	12.981	196	19411	3.952	ng	98

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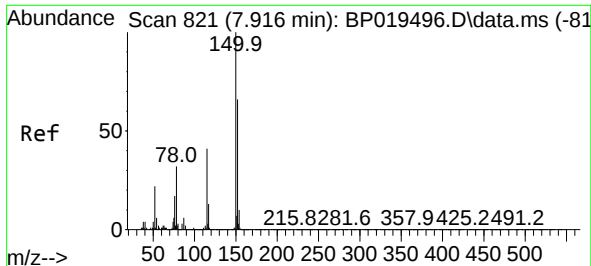
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	20994	3.893	ng	96
46) 1,1'-Biphenyl	13.387	154	71696	4.271	ng	98
47) 2-Chloronaphthalene	13.428	162	57895	4.202	ng	96
48) 2-Nitroaniline	13.634	65	14048	3.646	ng	96
49) Acenaphthylene	14.269	152	86741	4.487	ng	98
50) Dimethylphthalate	14.016	163	67643	4.201	ng	99
51) 2,6-Dinitrotoluene	14.134	165	13048	3.689	ng	98
52) Acenaphthene	14.610	154	49955	4.163	ng	100
53) 3-Nitroaniline	14.463	138	12065	3.711	ng	# 87
54) 2,4-Dinitrophenol	14.669	184	5137	2.797	ng	98
55) Dibenzofuran	14.946	168	83382	4.267	ng	98
56) 4-Nitrophenol	14.763	139	9169	3.441	ng	92
57) 2,4-Dinitrotoluene	14.916	165	15377	3.317	ng	# 91
58) Fluorene	15.598	166	63691	4.092	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	17472	3.851	ng	98
60) Diethylphthalate	15.381	149	62430	3.898	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	35945	4.109	ng	95
62) 4-Nitroaniline	15.622	138	11718	3.439	ng	94
63) Azobenzene	15.893	77	60646	3.916	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	7548	3.139	ng	92
66) n-Nitrosodiphenylamine	15.816	169	53005	4.197	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	21773	4.130	ng	97
68) Hexachlorobenzene	16.593	284	26223	4.260	ng	97
69) Atrazine	16.775	200	19789	4.722	ng	94
70) Pentachlorophenol	16.945	266	12723	3.319	ng	92
71) Phenanthrene	17.345	178	96346	4.342	ng	98
72) Anthracene	17.440	178	93175	4.209	ng	99
73) Carbazole	17.710	167	81130	4.034	ng	98
74) Di-n-butylphthalate	18.281	149	97324	4.002	ng	100
75) Fluoranthene	19.316	202	109148	4.026	ng	97
77) Benzidine	19.504	184	60443	6.558	ng	98
78) Pyrene	19.663	202	113923	3.662	ng	98
80) Butylbenzylphthalate	20.557	149	42732	3.678	ng	94
81) Benzo(a)anthracene	21.381	228	128750	4.149	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	49456	4.374	ng	# 99
83) Chrysene	21.433	228	121113	4.111	ng	99
84) Bis(2-ethylhexyl)phtha...	21.328	149	73345	4.146	ng	99
85) Di-n-octyl phthalate	22.275	149	129408	4.157	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	172363	4.054	ng	99
88) Benzo(b)fluoranthene	23.075	252	136238m	3.892	ng	
89) Benzo(k)fluoranthene	23.127	252	137400	4.109	ng	98
90) Benzo(a)pyrene	23.710	252	123739	3.972	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	141151	4.036	ng	96
92) Benzo(g,h,i)perylene	27.115	276	136035	3.834	ng	98

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



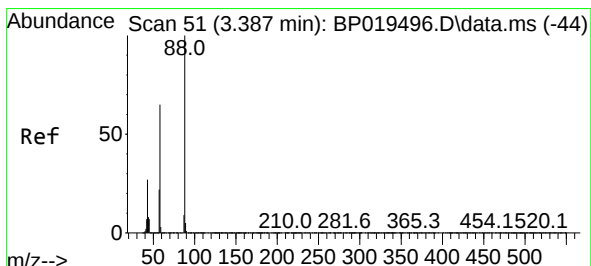
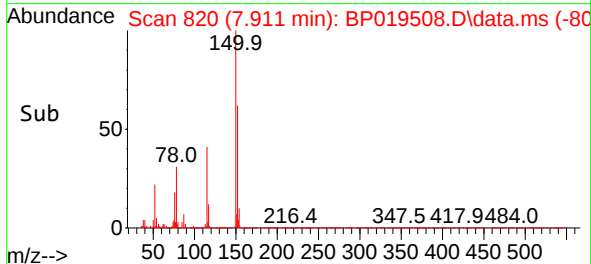
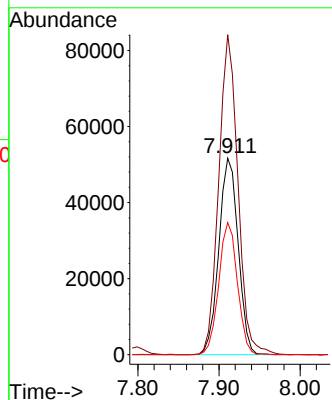
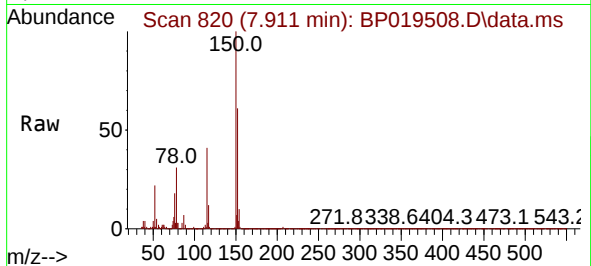
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:152 Resp: 8556
Ion Ratio Lower Upper
152 100
150 162.9 121.8 182.8
115 67.3 49.9 74.9

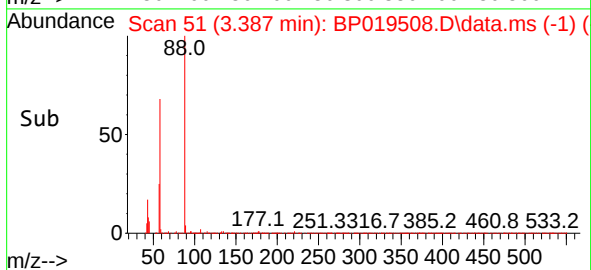
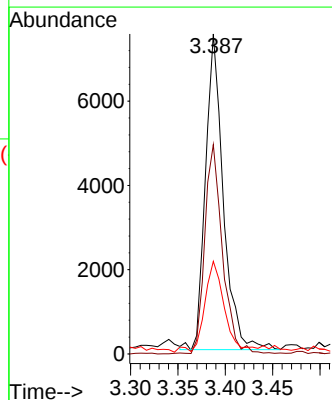
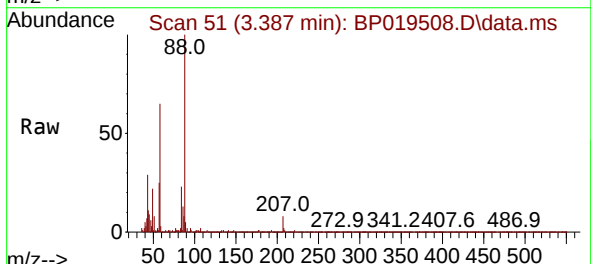
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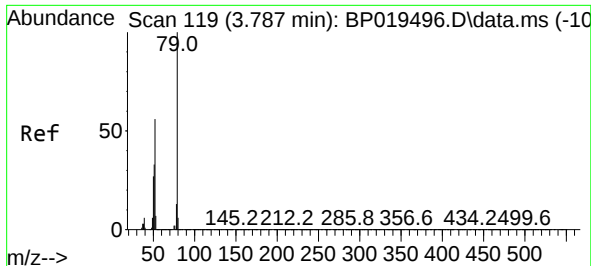
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#2
1,4-Dioxane
Concen: 4.813 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion: 88 Resp: 9843
Ion Ratio Lower Upper
88 100
58 65.9 52.6 78.8
43 31.2 21.9 32.9





#3

Pyridine

Concen: 4.052 ng

RT: 3.793 min Scan# 119

Delta R.T. 0.006 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

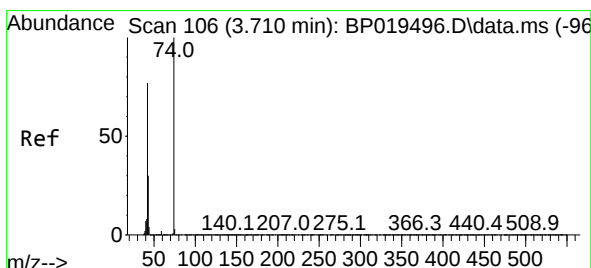
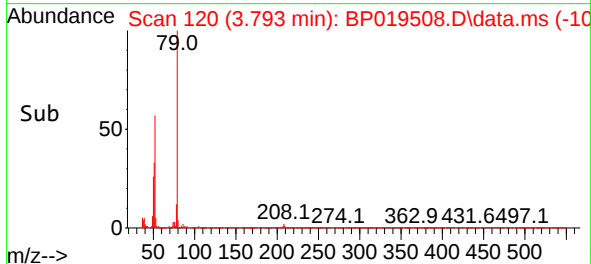
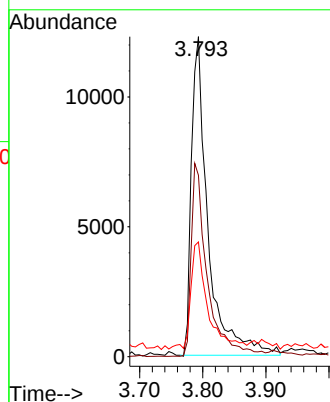
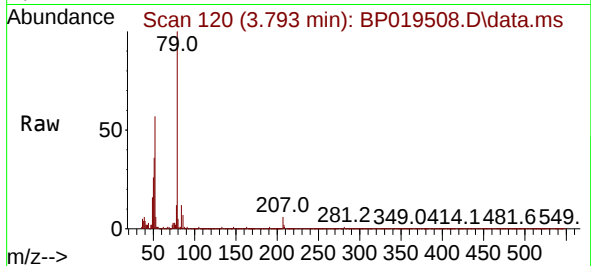
LOQ-SOIL-02-QT3-2023

Tgt Ion: 79	Resp: 2246
Ion Ratio	Lower Upper
79 100	
52 56.7	45.0 67.6
51 35.8	26.8 40.2

Manual Integrations

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Supervised By :mohammad ahmed 02/06/2024



#4

n-Nitrosodimethylamine

Concen: 4.181 ng

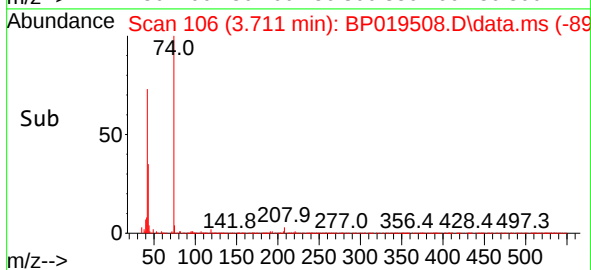
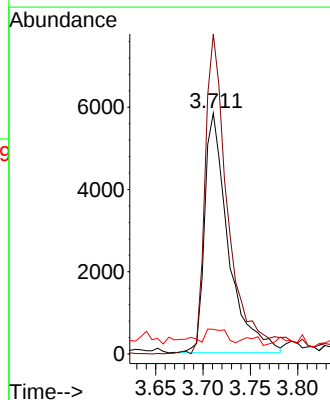
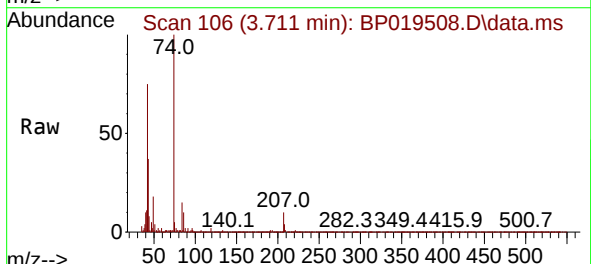
RT: 3.711 min Scan# 106

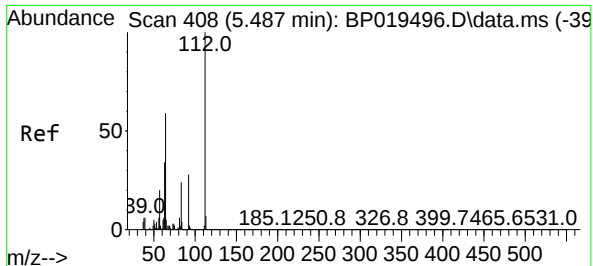
Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Tgt Ion: 42	Resp: 10093
Ion Ratio	Lower Upper
42 100	
74 132.9	103.4 155.2
44 10.2	4.8 7.2





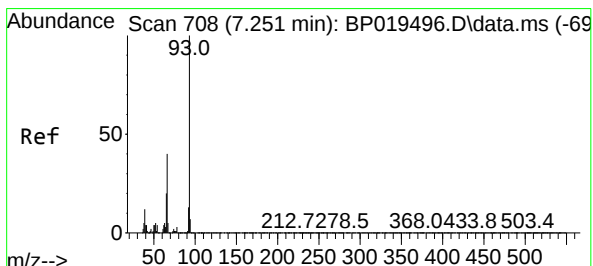
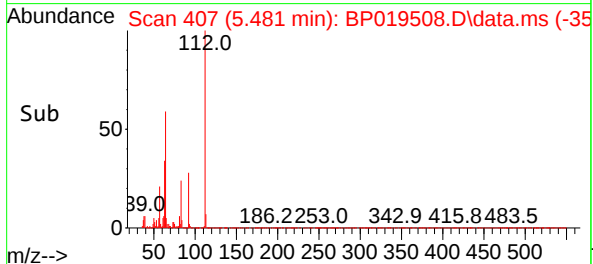
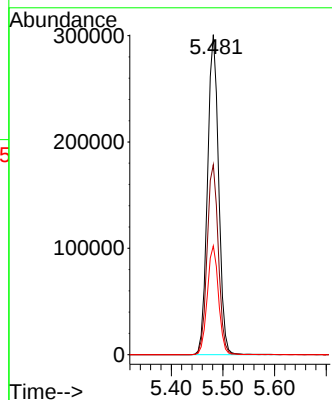
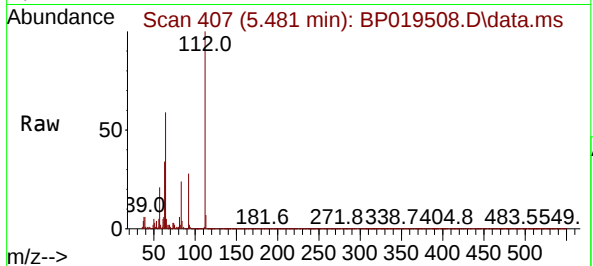
#5
2-Fluorophenol
Concen: 84.676 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:112 Resp: 449468
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 34.0 27.0 40.6

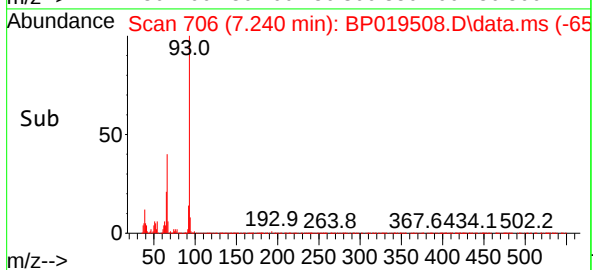
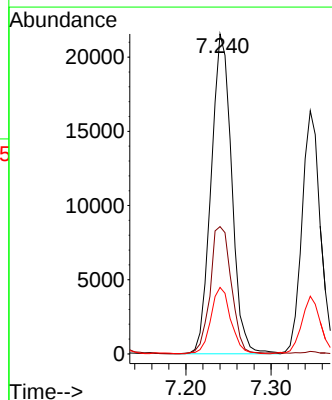
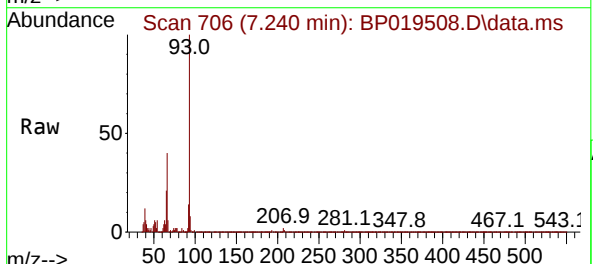
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#6
Aniline
Concen: 5.194 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

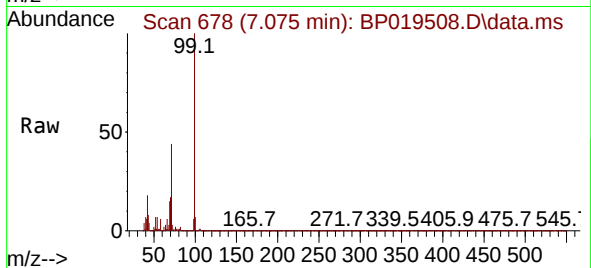
Tgt Ion: 93 Resp: 36121
Ion Ratio Lower Upper
93 100
66 39.8 32.3 48.5
65 20.8 16.4 24.6





#7
Phenol-d6
Concen: 81.243 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

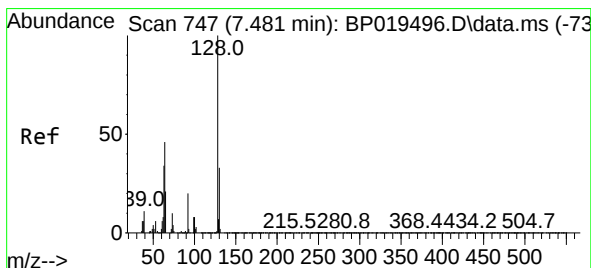
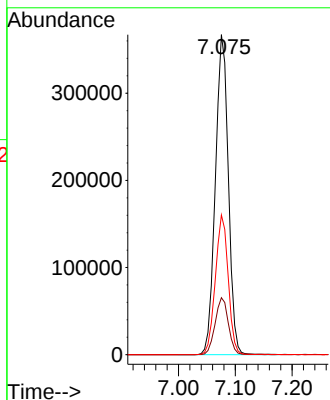
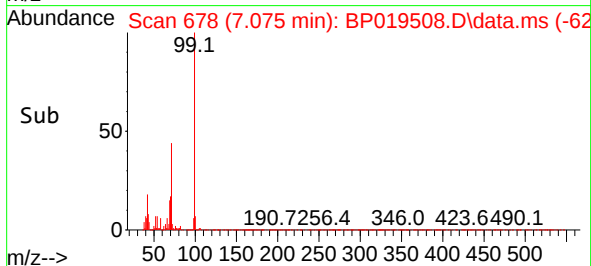
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 99 Resp: 58147
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.7 34.8 52.2

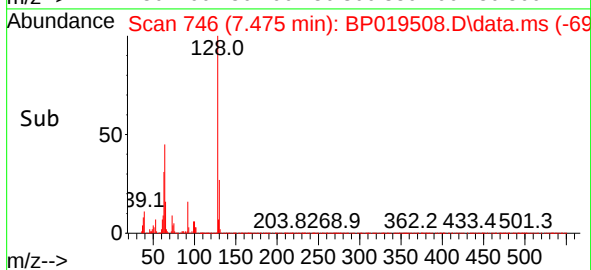
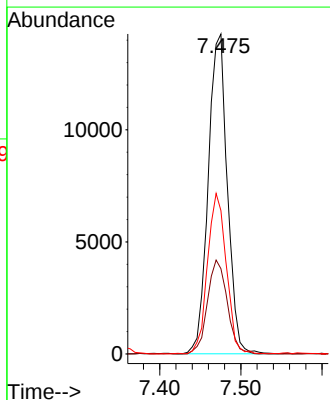
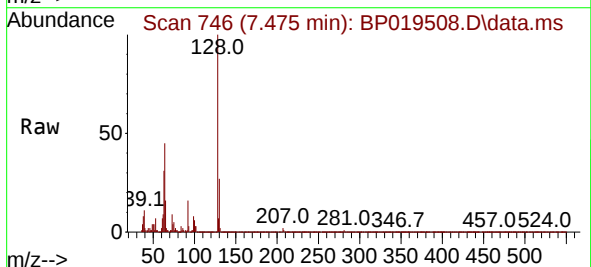
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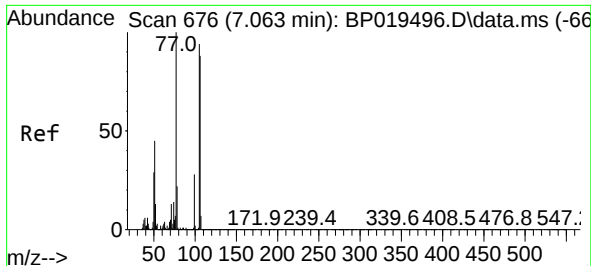
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
2-Chlorophenol
Concen: 4.274 ng
RT: 7.475 min Scan# 746
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:128 Resp: 23290
Ion Ratio Lower Upper
128 100
130 26.6 13.3 53.3
64 44.8 29.7 69.7





#9

Benzaldehyde

Concen: 5.044 ng

RT: 7.058 min Scan# 61

Delta R.T. -0.005 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

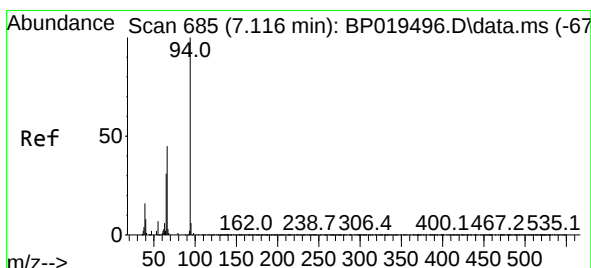
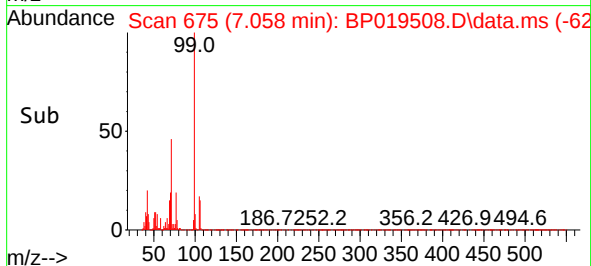
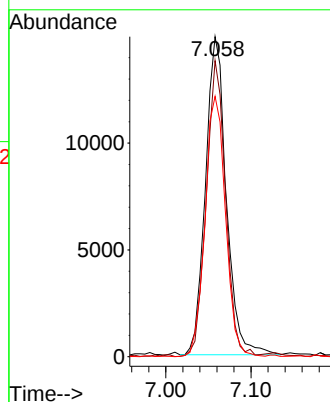
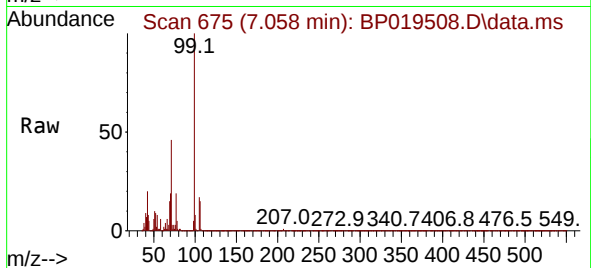
LOQ-SOIL-02-QT3-2023

Tgt Ion: 77	Resp: 2531
Ion Ratio	Lower Upper
77 100	
105 92.5	74.0 114.0
106 81.4	67.8 107.8

Manual Integrations

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#10

Phenol

Concen: 4.405 ng

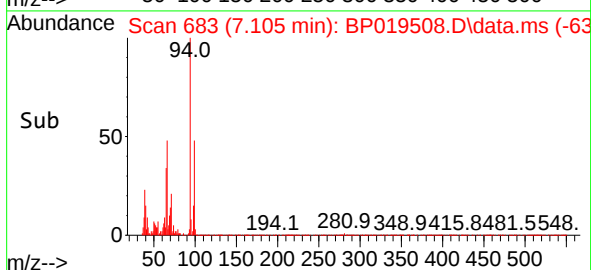
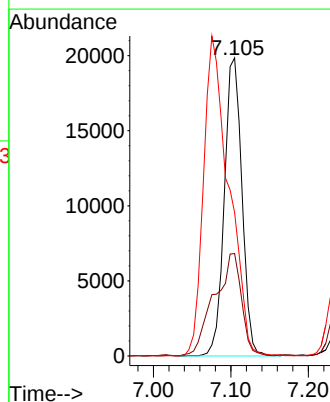
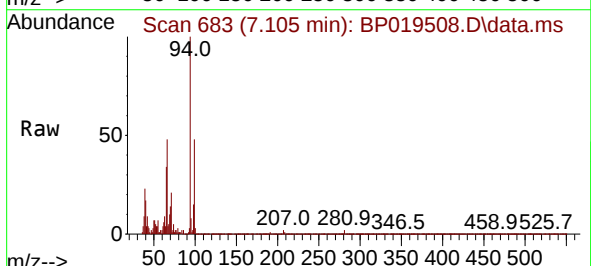
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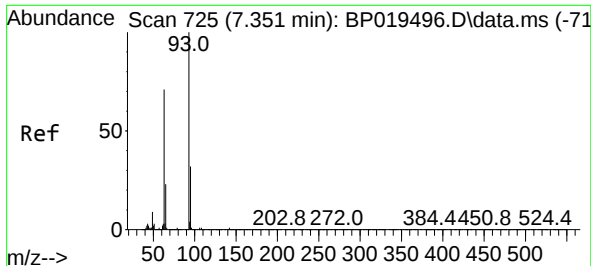
Delta R.T. -0.011 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

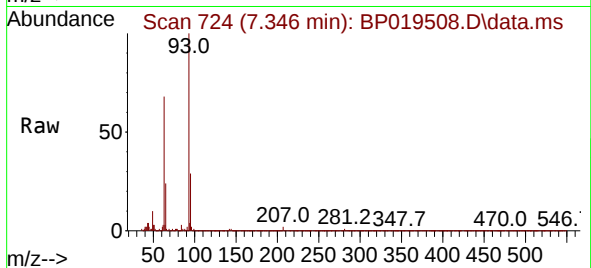
Tgt Ion: 94	Resp: 31423
Ion Ratio	Lower Upper
94 100	
65 34.3	11.3 51.3
66 48.2	25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 4.488 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

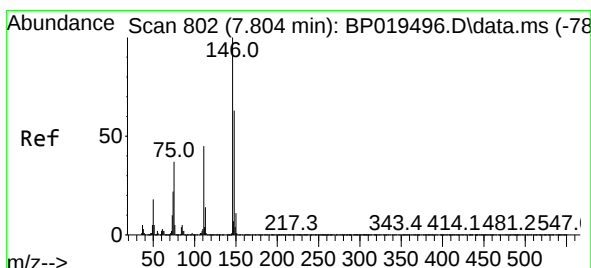
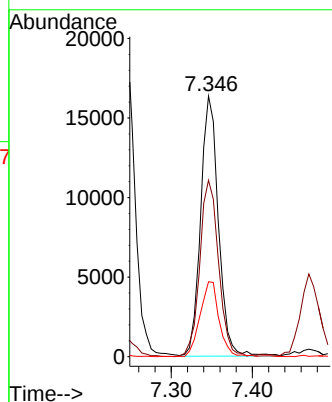
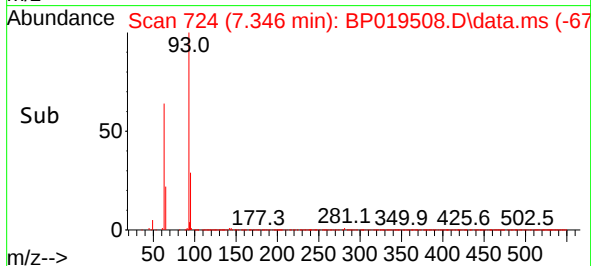
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



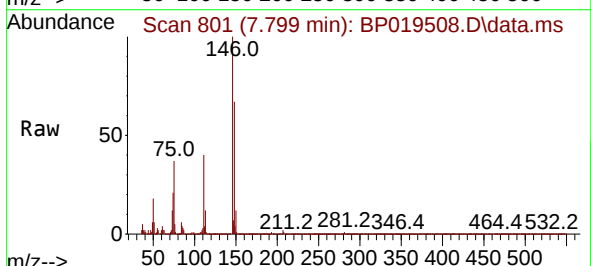
Tgt Ion: 93 Resp: 2490
Ion Ratio Lower Upper
93 100
63 67.7 51.2 91.2
95 28.7 11.8 51.8

Manual Integrations
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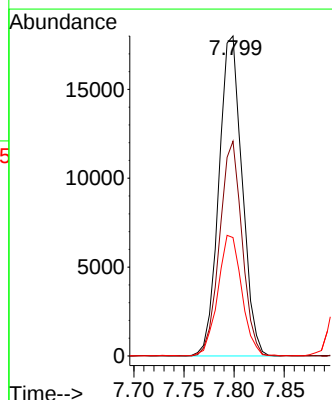
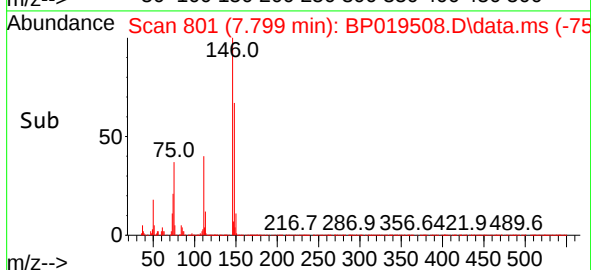
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#12
1,3-Dichlorobenzene
Concen: 4.350 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



Tgt Ion:146 Resp: 29007
Ion Ratio Lower Upper
146 100
148 67.1 50.4 75.6
75 37.0 29.9 44.9





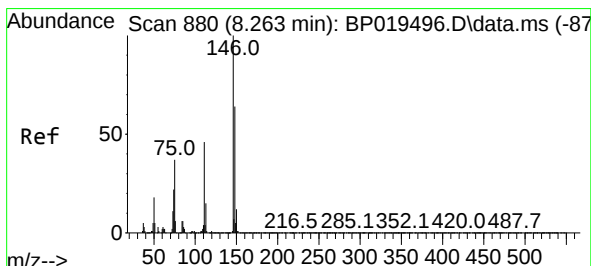
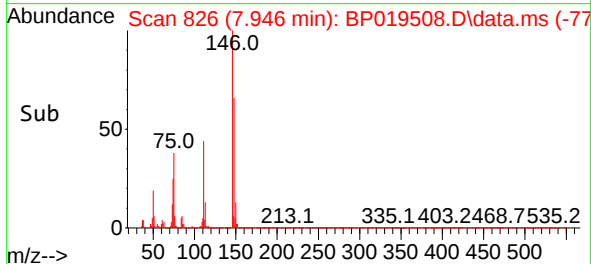
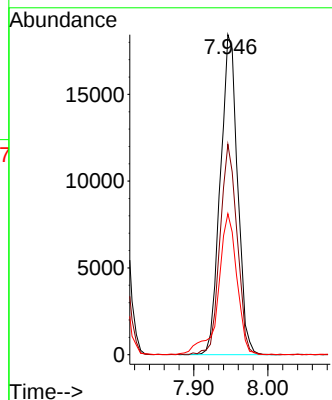
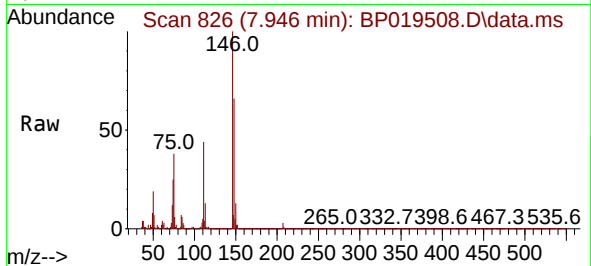
#13
1,4-Dichlorobenzene
Concen: 4.400 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:146 Resp: 29720
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
111 44.0 35.8 53.6

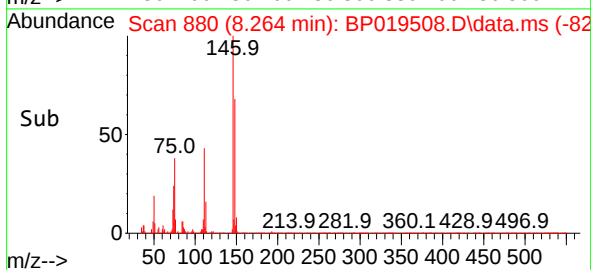
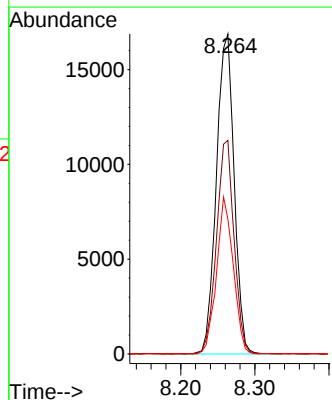
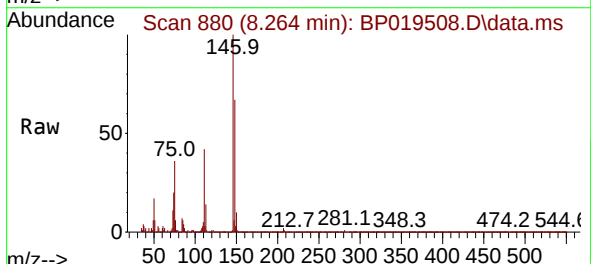
Manual Integrations
APPROVED

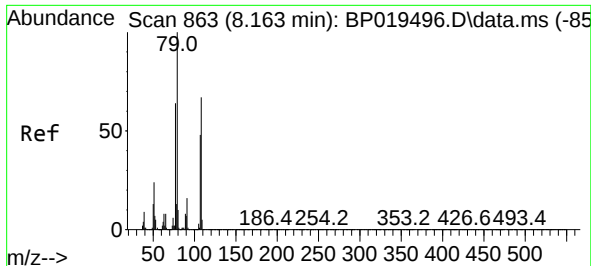
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#14
1,2-Dichlorobenzene
Concen: 4.294 ng
RT: 8.264 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:146 Resp: 28068
Ion Ratio Lower Upper
146 100
148 66.8 51.4 77.0
111 42.2 37.0 55.6





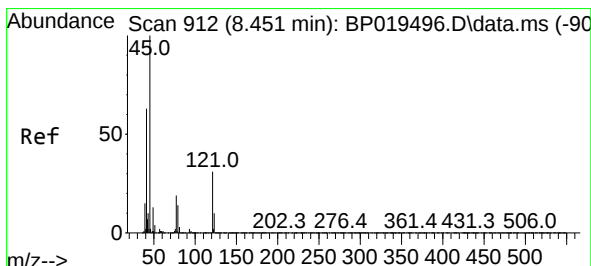
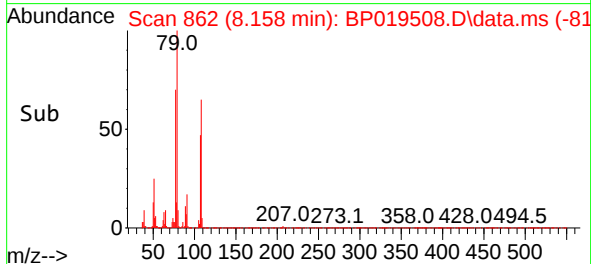
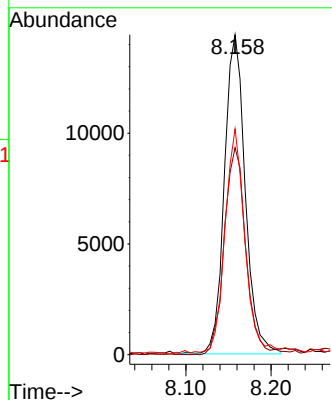
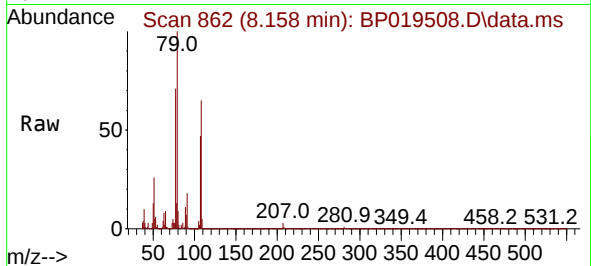
#15
Benzyl Alcohol
Concen: 4.284 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 79 Resp: 2449
Ion Ratio Lower Upper
79 100
108 64.7 53.8 80.6
77 70.6 51.3 76.9

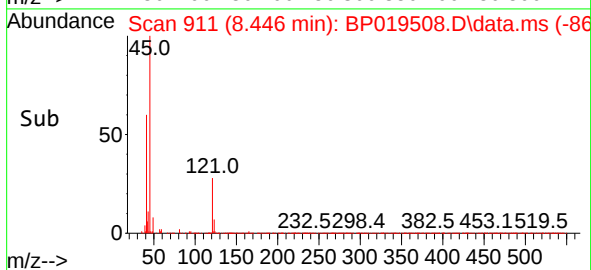
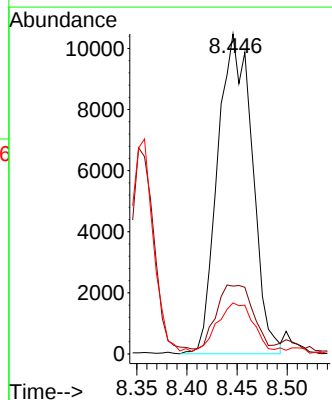
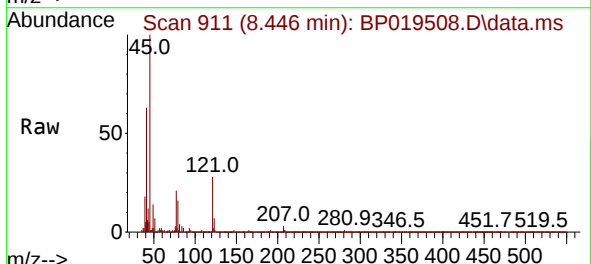
Manual Integrations
APPROVED

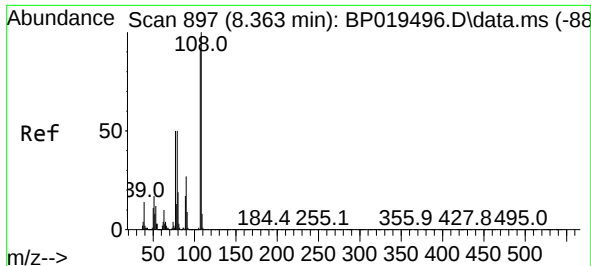
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.522 ng
RT: 8.446 min Scan# 911
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion: 45 Resp: 25097
Ion Ratio Lower Upper
45 100
77 21.2 0.8 40.8
79 15.9 0.0 35.5





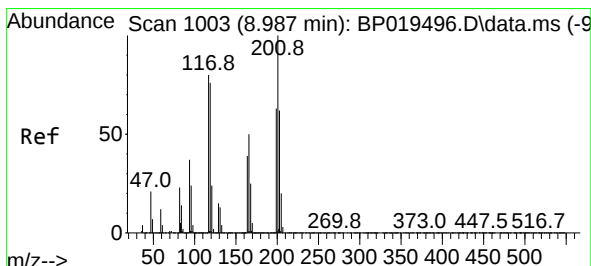
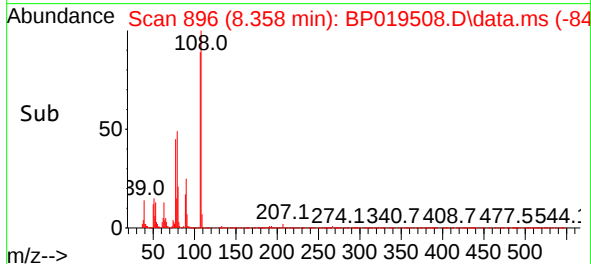
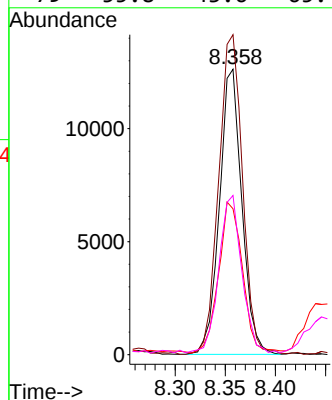
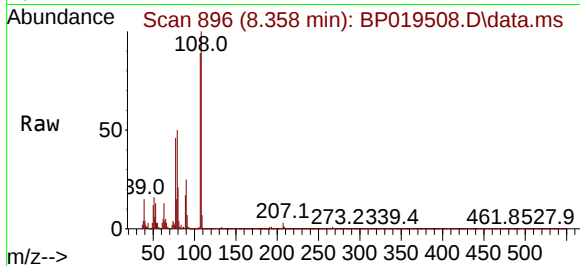
#17
2-Methylphenol
Concen: 4.082 ng
RT: 8.358 min Scan# 896
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:	107	Resp:	19604
Ion Ratio	Lower	Upper	
107	100		
108	112.1	87.0	130.6
77	51.1	43.5	65.3
79	55.8	43.6	65.4

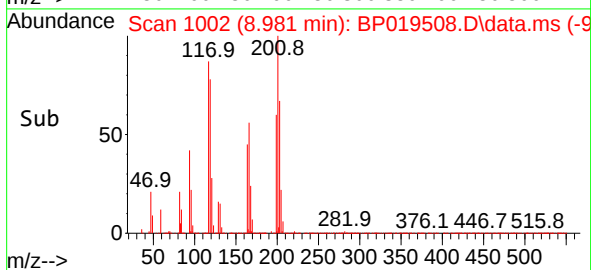
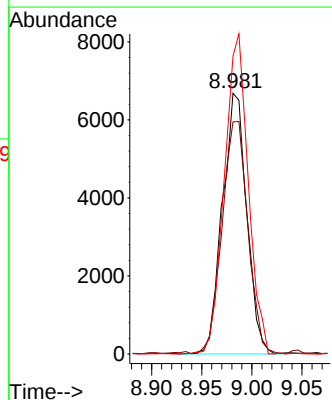
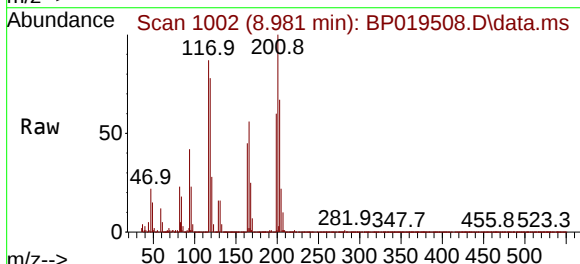
Manual Integrations
APPROVED

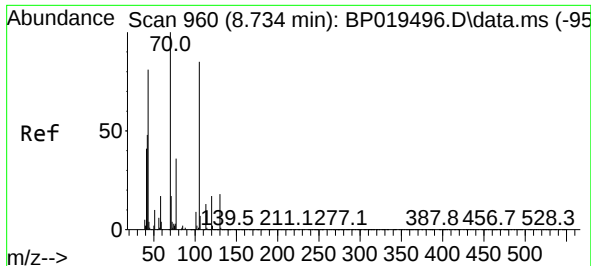
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Hexachloroethane
Concen: 4.306 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

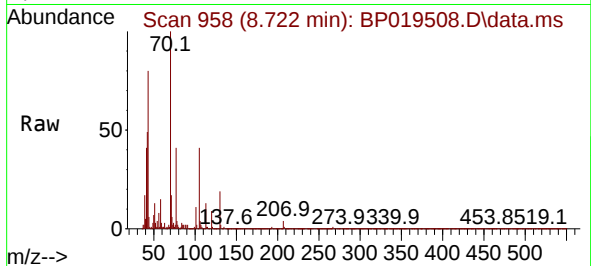
Tgt Ion:	117	Resp:	11276
Ion Ratio	Lower	Upper	
117	100		
119	89.0	75.5	113.3
201	114.3	99.4	149.2





#19
n-Nitroso-di-n-propylamine
Concen: 4.177 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

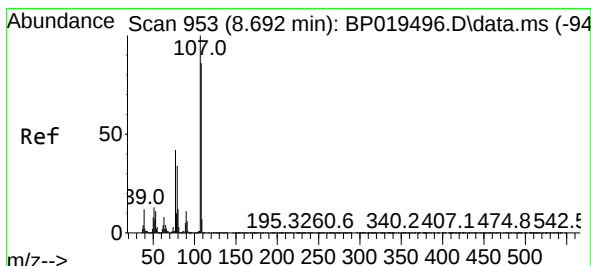
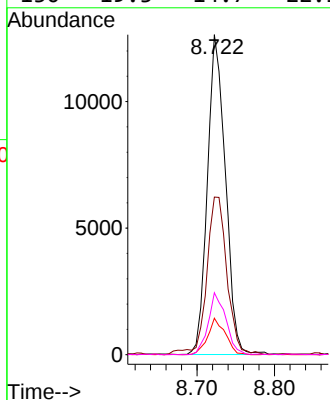
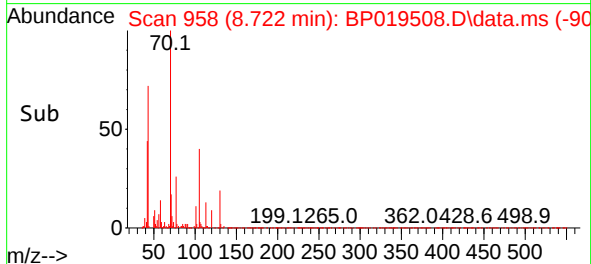
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



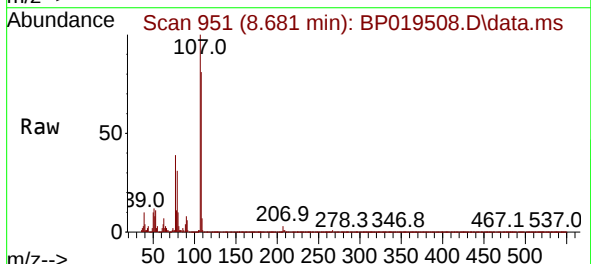
Tgt Ion: 70 Resp: 20420
Ion Ratio Lower Upper
70 100
42 49.3 39.2 58.8
101 11.4 7.3 10.9
130 19.3 14.7 22.1

Manual Integrations
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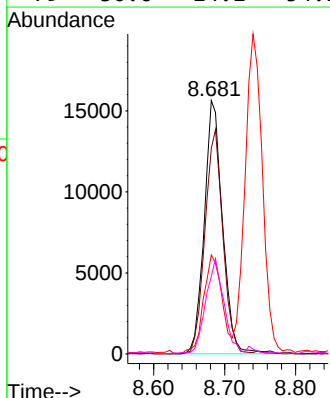
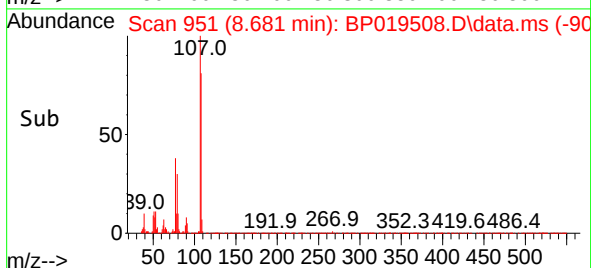
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

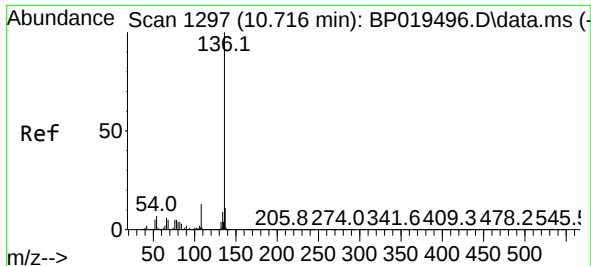


#20
3+4-Methylphenols
Concen: 4.272 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



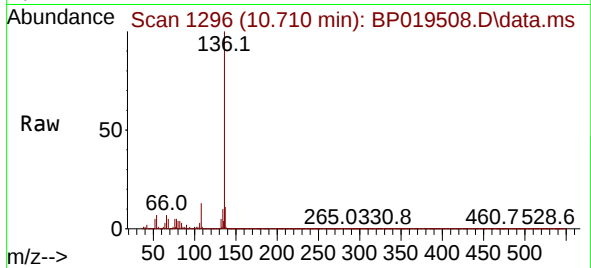
Tgt Ion:107 Resp: 28002
Ion Ratio Lower Upper
107 100
108 81.1 65.5 105.5
77 39.1 21.8 61.8
79 30.6 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

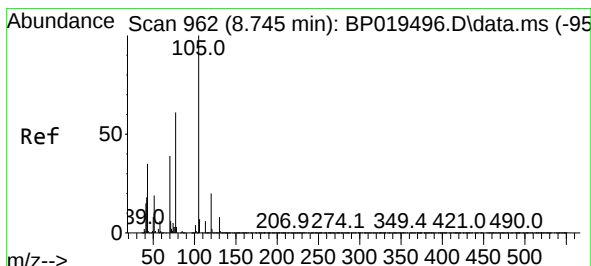
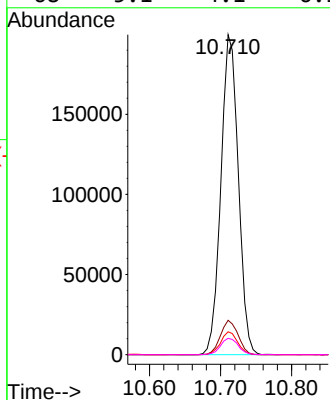
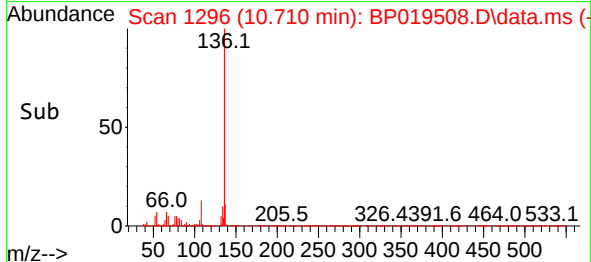
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:136 Resp: 338749
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.1 5.3 7.9
68 5.1 4.1 6.1

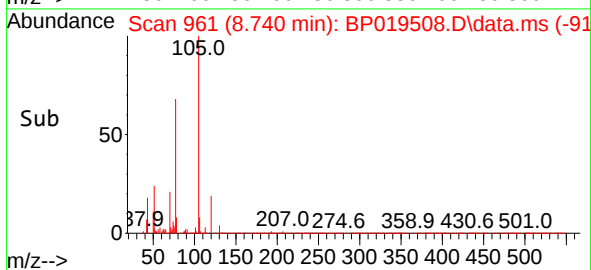
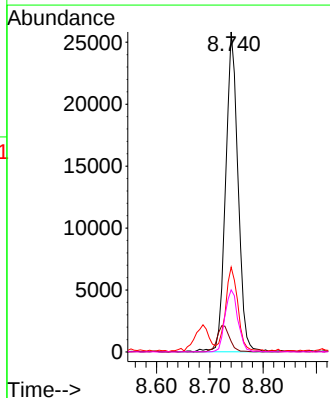
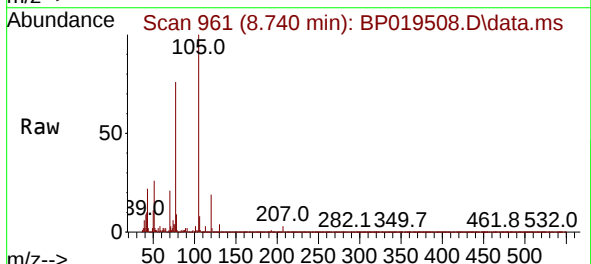
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Acetophenone
Concen: 4.342 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

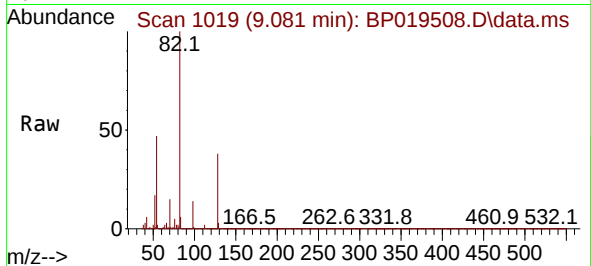
Tgt Ion:105 Resp: 41902
Ion Ratio Lower Upper
105 100
71 3.3 4.9 7.3#
51 26.5 20.7 31.1
120 19.4 15.8 23.8





#23
Nitrobenzene-d5
Concen: 112.499 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

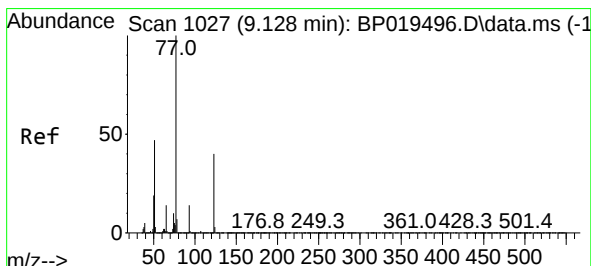
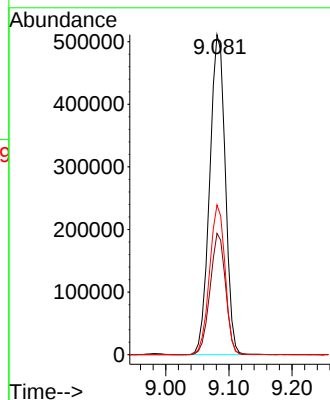
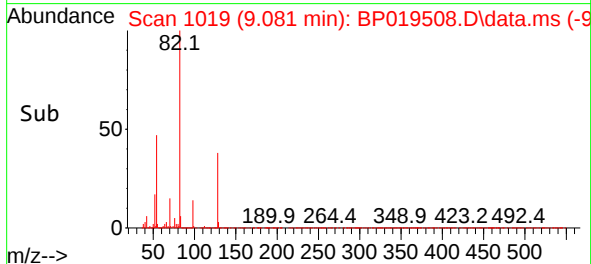
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 82 Resp: 879472
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 46.8 36.8 55.2

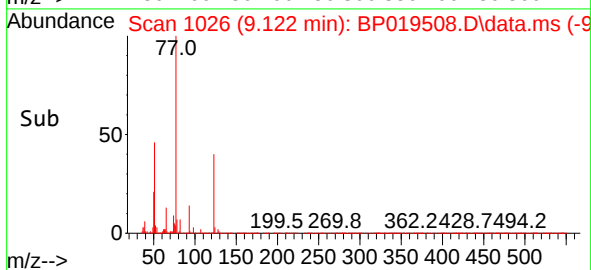
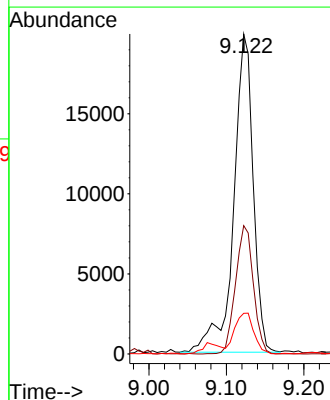
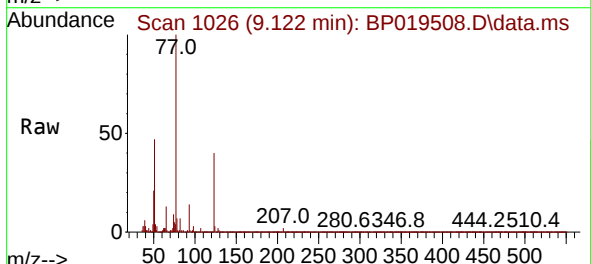
Manual Integrations
APPROVED

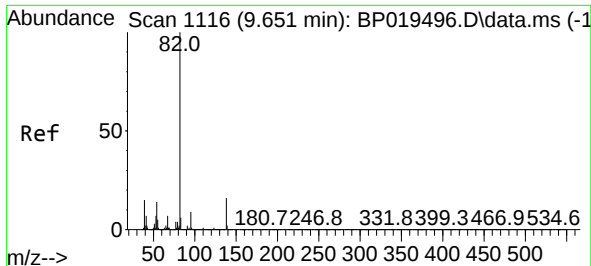
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Nitrobenzene
Concen: 4.421 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion: 77 Resp: 34801
Ion Ratio Lower Upper
77 100
123 40.1 32.3 48.5
65 12.7 11.6 17.4





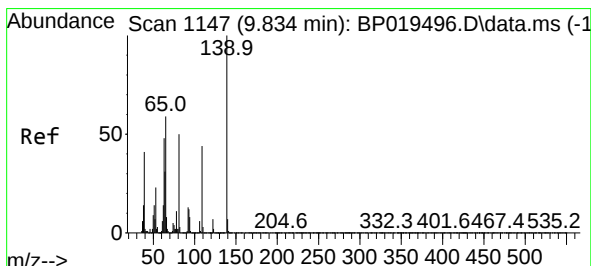
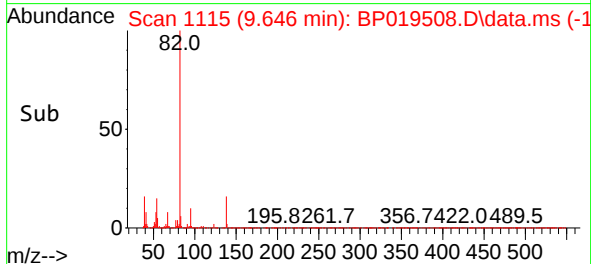
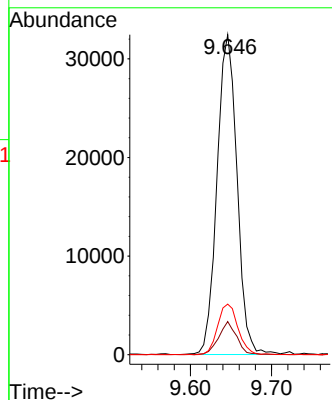
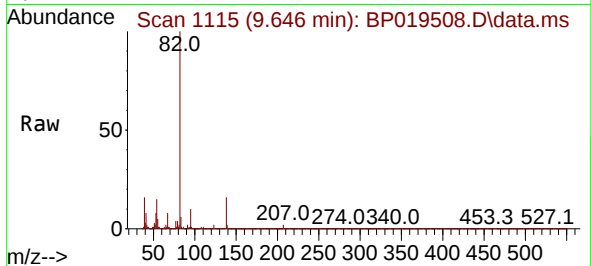
#25
Isophorone
Concen: 4.083 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 82 Resp: 55590
Ion Ratio Lower Upper
82 100
95 10.3 7.0 10.4
138 15.8 13.1 19.7

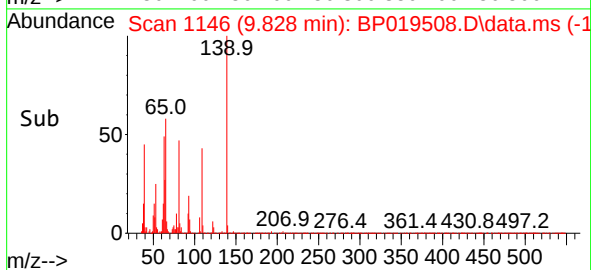
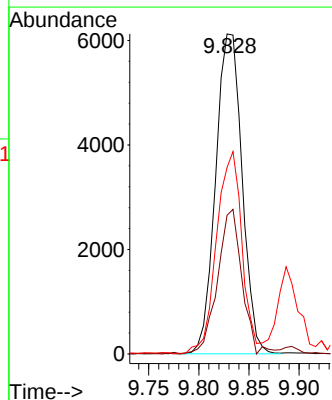
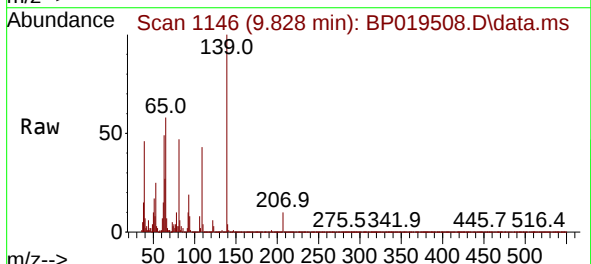
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#26
2-Nitrophenol
Concen: 3.745 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

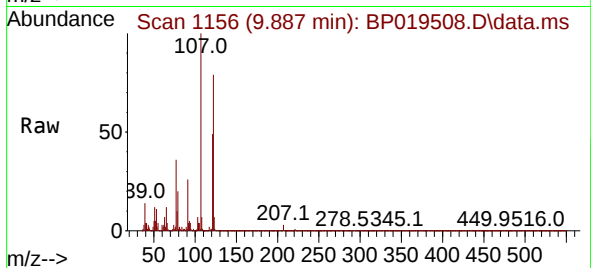
Tgt Ion:139 Resp: 11241
Ion Ratio Lower Upper
139 100
109 43.3 34.9 52.3
65 58.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 4.925 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

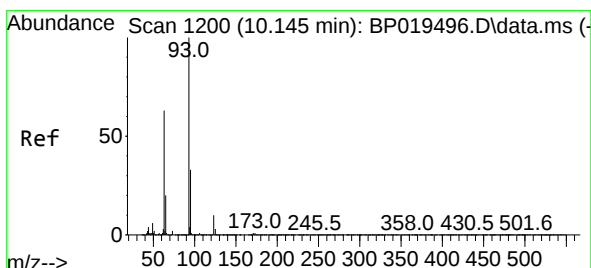
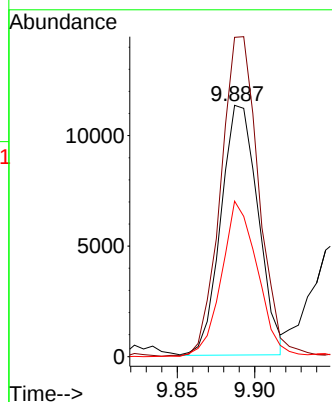
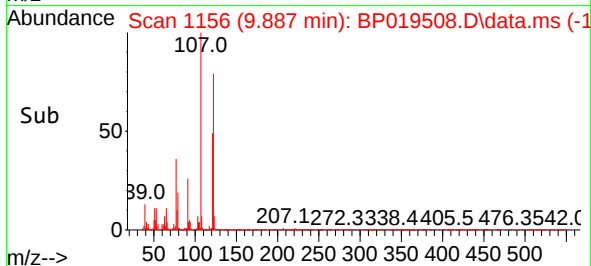
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



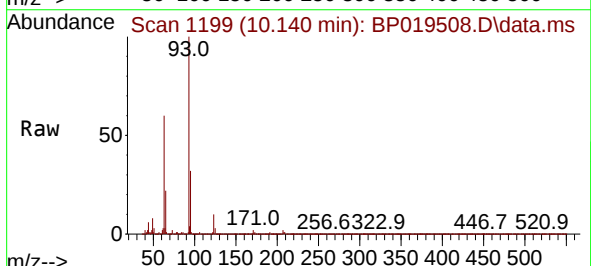
Tgt Ion:122 Resp: 1889
Ion Ratio Lower Upper
122 100
107 127.0 105.9 158.9
121 61.9 47.5 71.3

Manual Integrations
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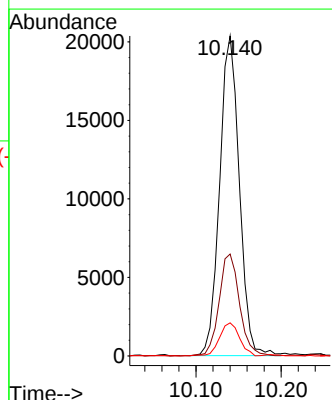
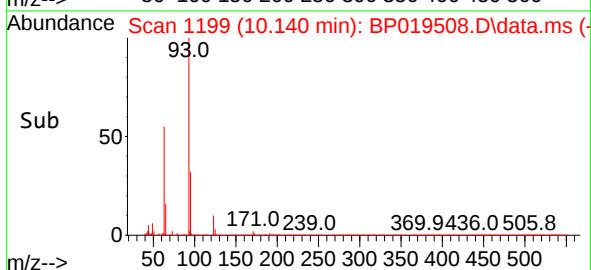
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.252 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



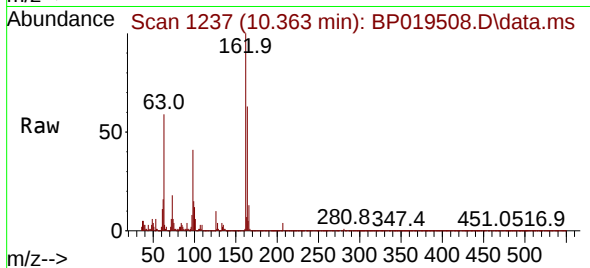
Tgt Ion: 93 Resp: 32756
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 10.3 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 3.869 ng
RT: 10.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

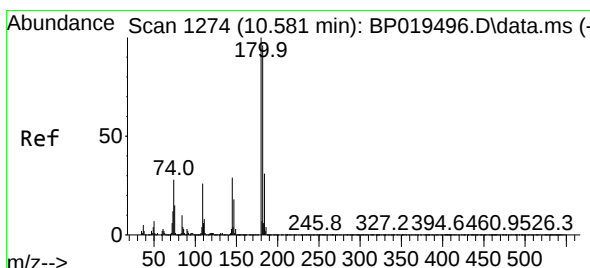
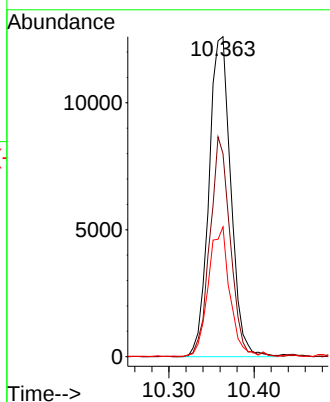
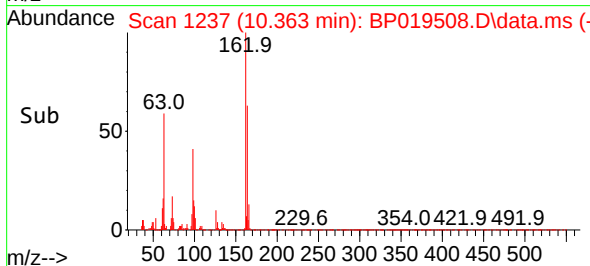
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:162 Resp: 2244
Ion Ratio Lower Upper
162 100
164 63.5 46.0 86.0
98 40.6 18.7 58.7

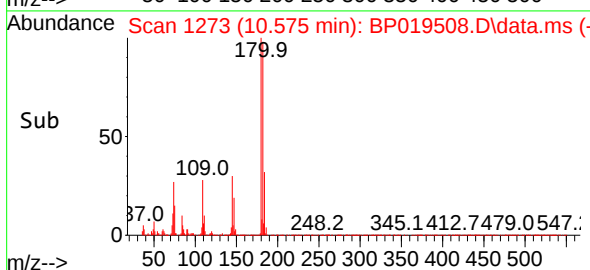
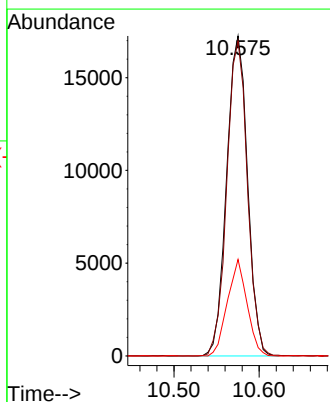
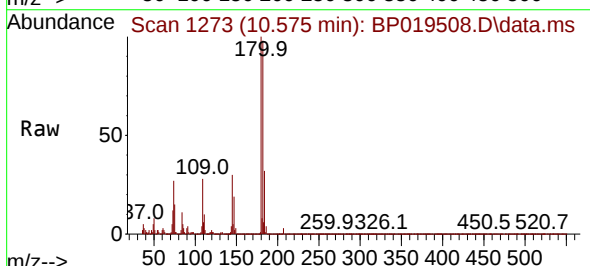
Manual Integrations
APPROVED

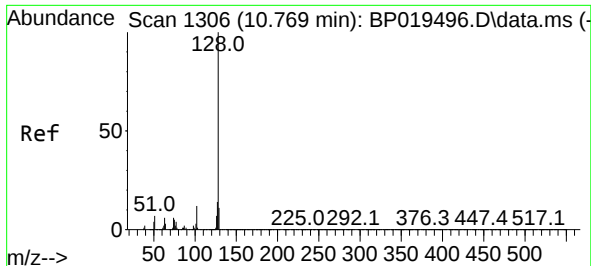
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.137 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:180 Resp: 29425
Ion Ratio Lower Upper
180 100
182 98.4 77.0 115.6
145 30.1 23.2 34.8





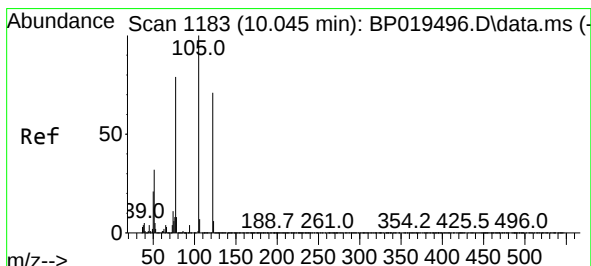
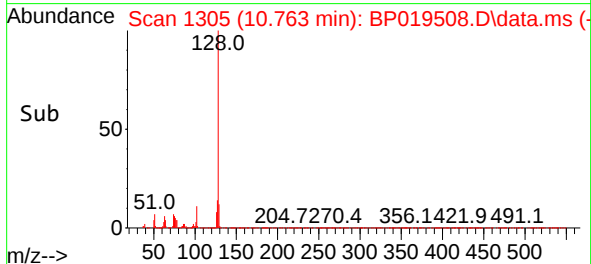
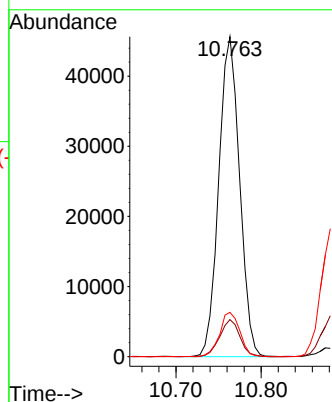
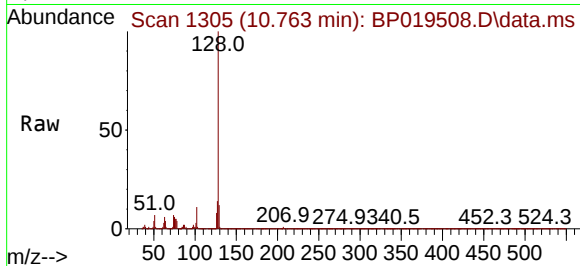
#31
Naphthalene
Concen: 4.177 ng
RT: 10.763 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:128 Resp: 77609
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.9 10.8 16.2

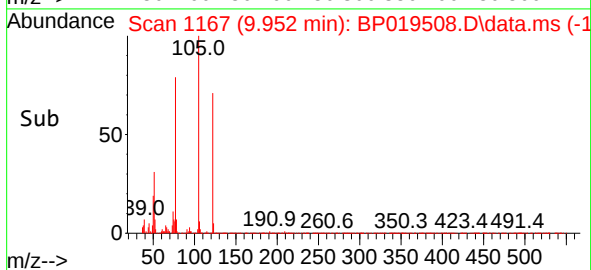
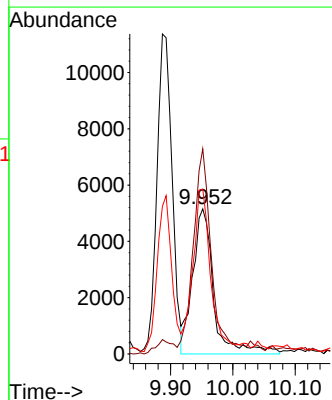
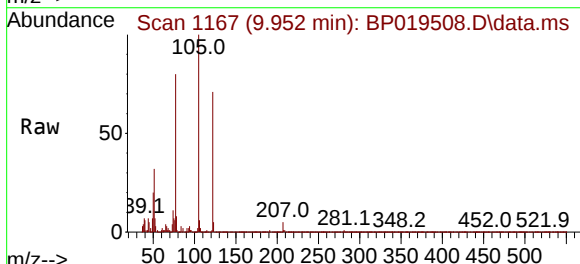
Manual Integrations
APPROVED

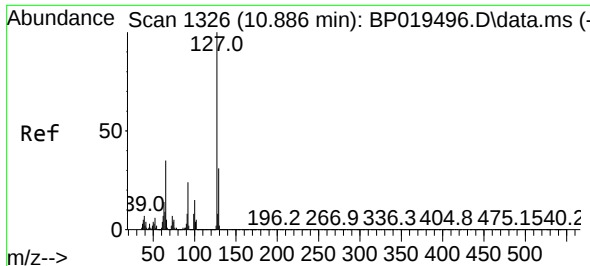
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32
Benzoic acid
Concen: 3.232 ng m
RT: 9.952 min Scan# 1167
Delta R.T. -0.094 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

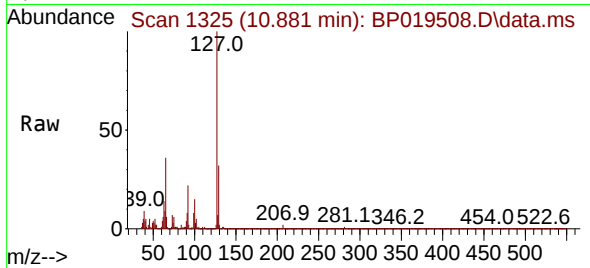
Tgt Ion:122 Resp: 12086
Ion Ratio Lower Upper
122 100
105 141.4 118.8 158.8
77 113.7 91.7 131.7





#33
4-Chloroaniline
Concen: 4.474 ng
RT: 10.881 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

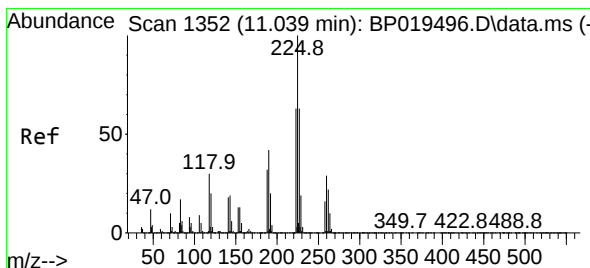
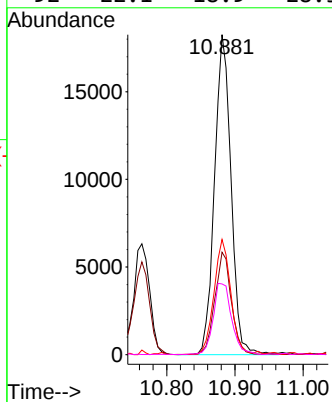
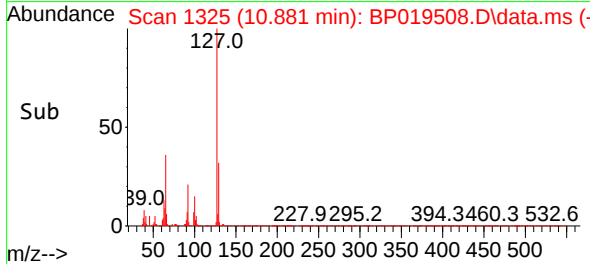
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.6	36.8
65	36.0	28.2	42.4
92	22.1	18.9	28.3

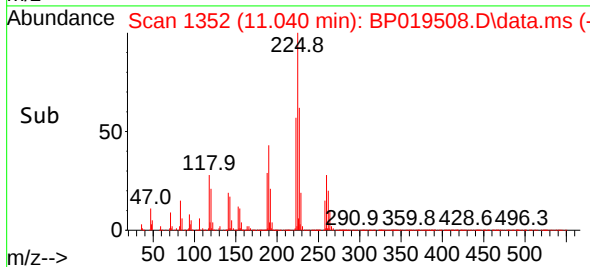
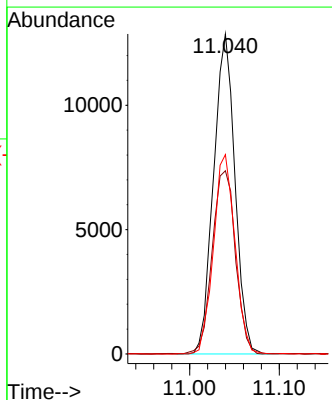
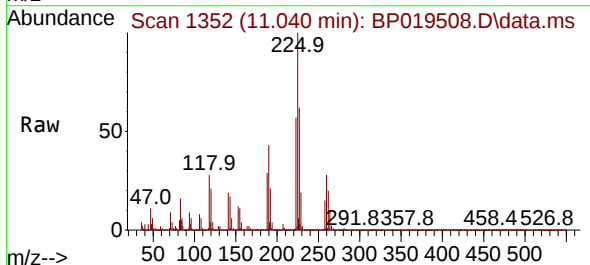
Manual Integrations
APPROVED

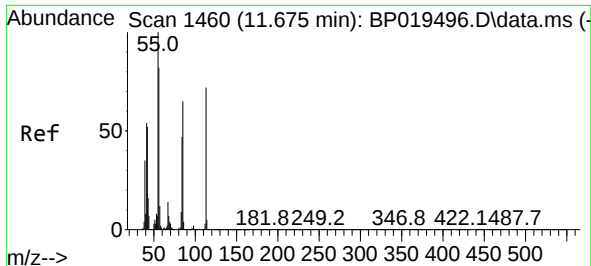
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34
Hexachlorobutadiene
Concen: 4.033 ng
RT: 11.040 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

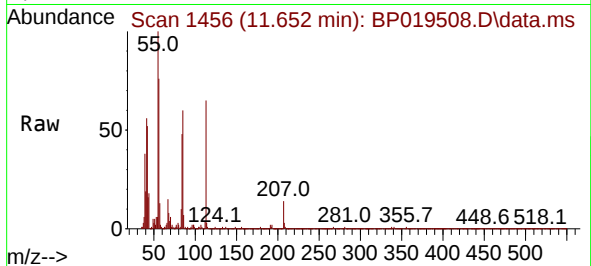
Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.3	50.5	75.7
227	65.7	50.2	75.2





#35
Caprolactam
Concen: 3.620 ng
RT: 11.652 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

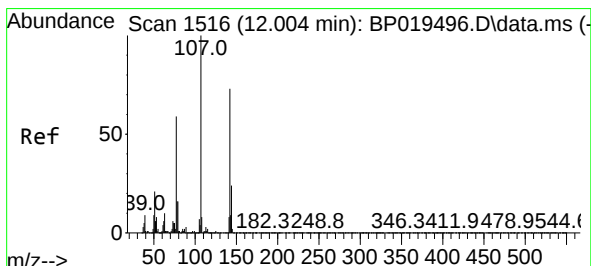
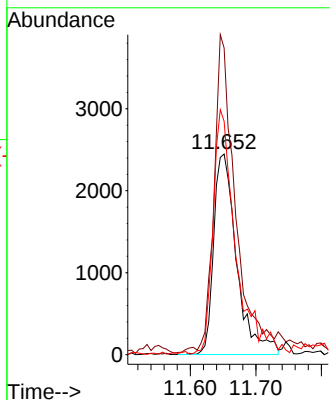
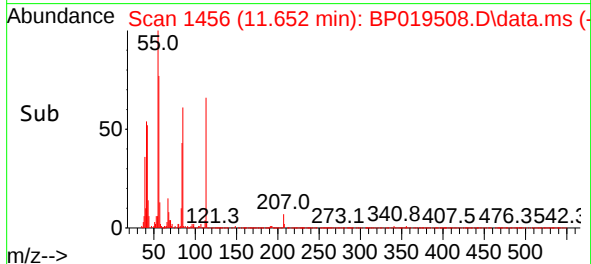
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



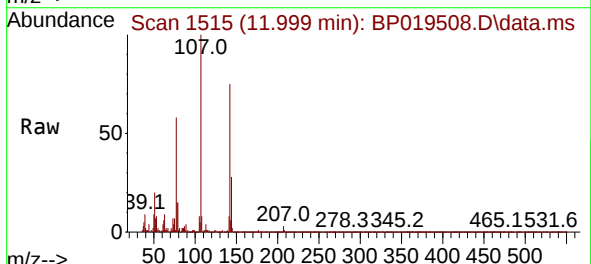
Tgt Ion:113 Resp: 594.5
Ion Ratio Lower Upper
113 100
55 152.9 120.0 160.0
56 116.4 94.0 134.0

Manual Integrations
APPROVED

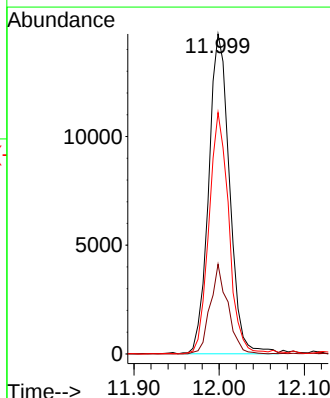
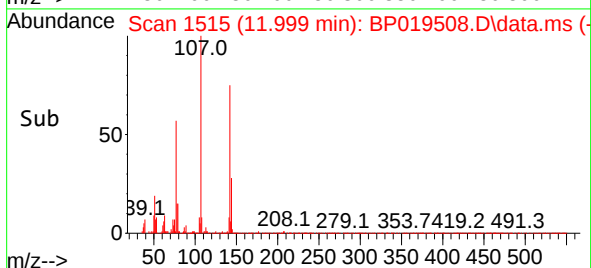
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

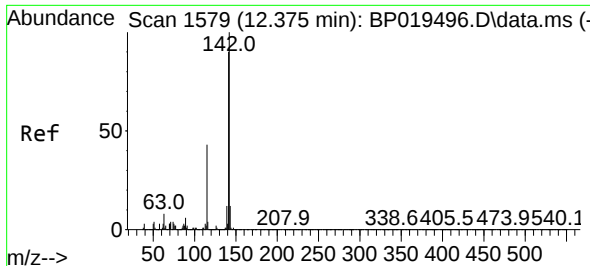


#36
4-Chloro-3-methylphenol
Concen: 3.960 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



Tgt Ion:107 Resp: 25052
Ion Ratio Lower Upper
107 100
144 28.1 19.0 28.4
142 75.4 58.6 88.0





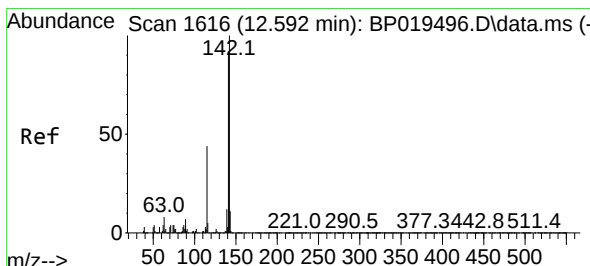
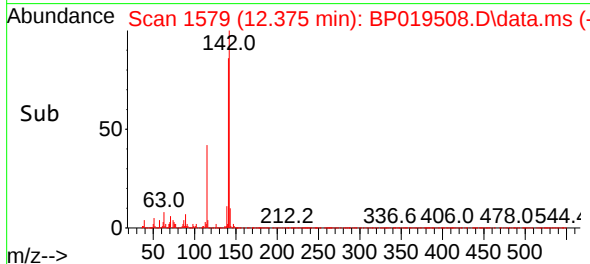
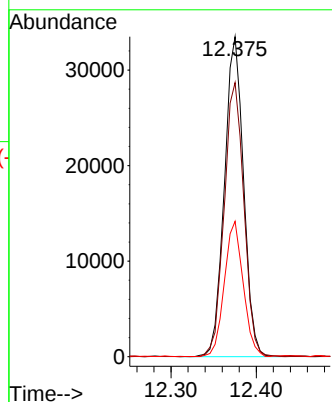
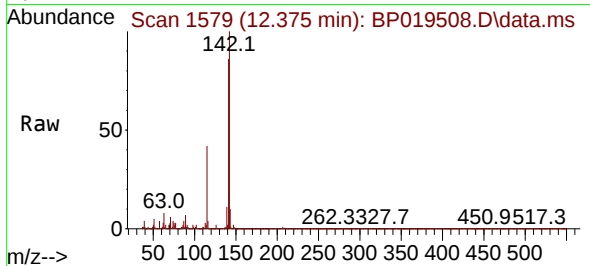
#37
2-Methylnaphthalene
Concen: 4.060 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:142 Resp: 5220
Ion Ratio Lower Upper
142 100
141 85.7 72.2 108.4
115 42.3 34.2 51.2

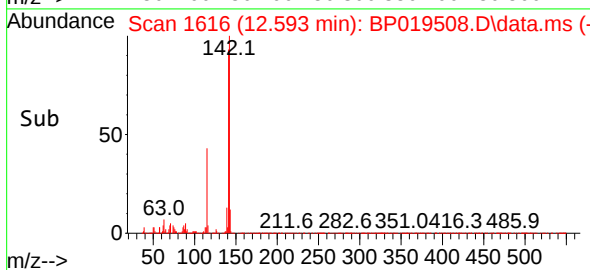
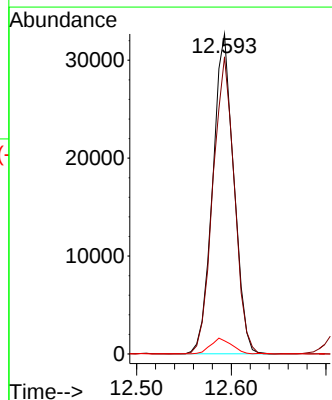
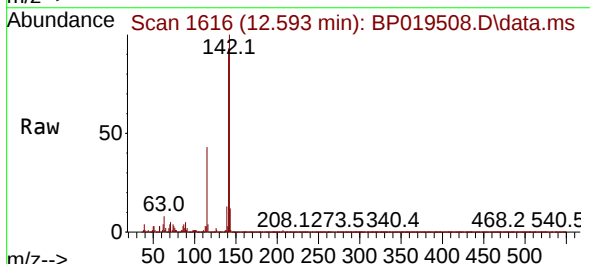
Manual Integrations
APPROVED

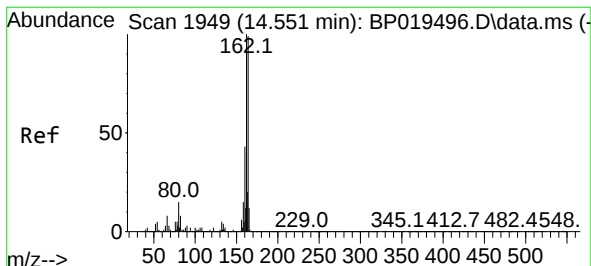
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#38
1-Methylnaphthalene
Concen: 4.008 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

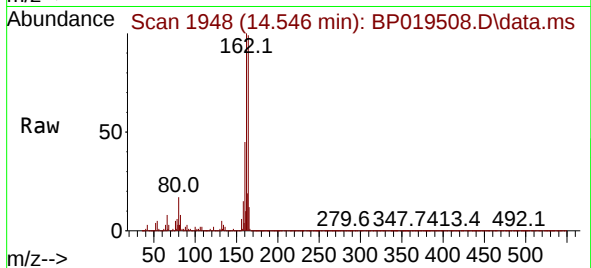
Tgt Ion:142 Resp: 50643
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
116 4.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

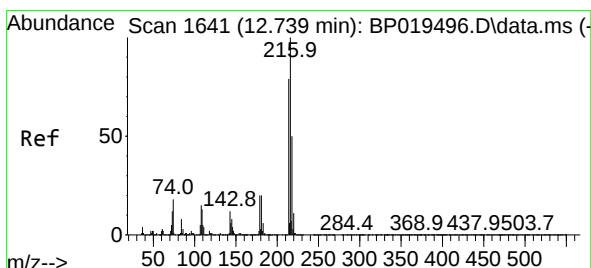
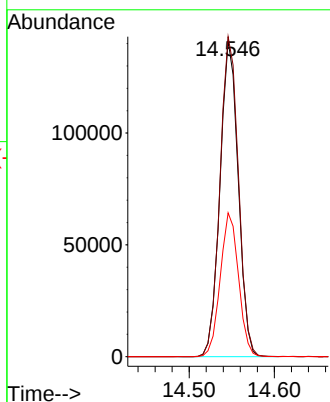
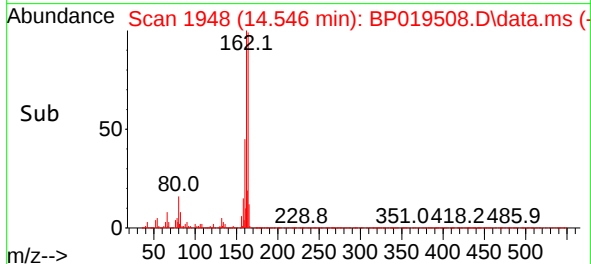
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



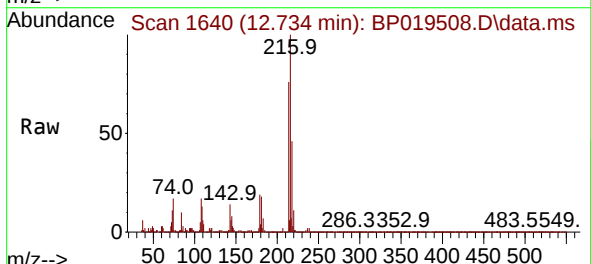
Tgt Ion:164 Resp: 210318
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.5 35.1 52.7

Manual Integrations
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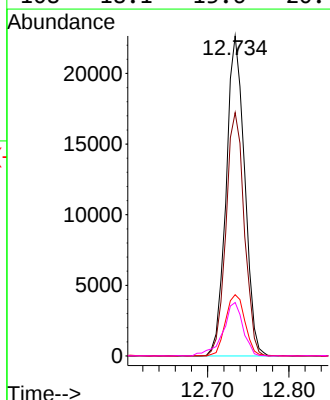
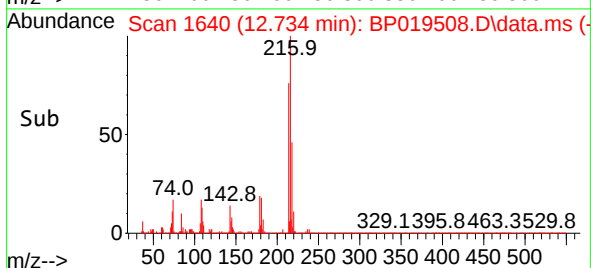
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

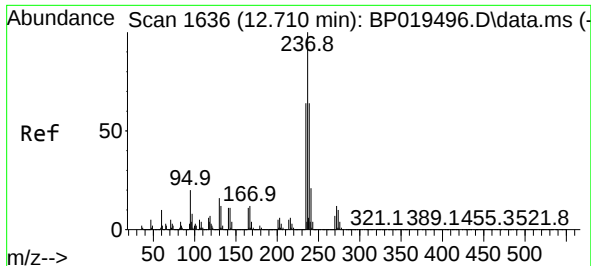


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.416 ng
RT: 12.734 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



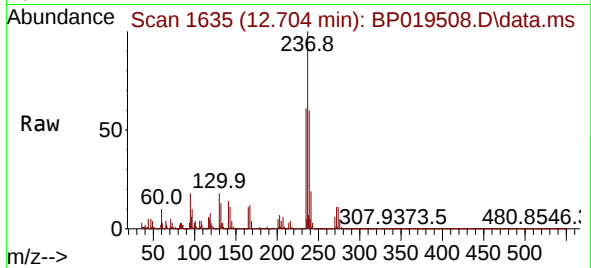
Tgt Ion:216 Resp: 35820
Ion Ratio Lower Upper
216 100
214 75.5 62.8 94.2
179 20.2 16.6 24.8
108 18.1 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 5.413 ng
RT: 12.704 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

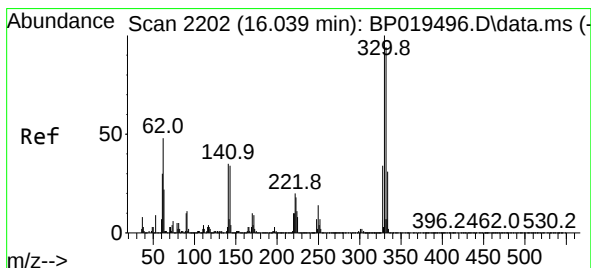
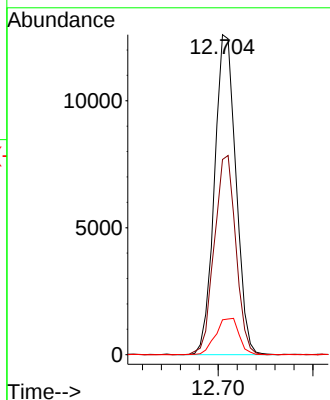
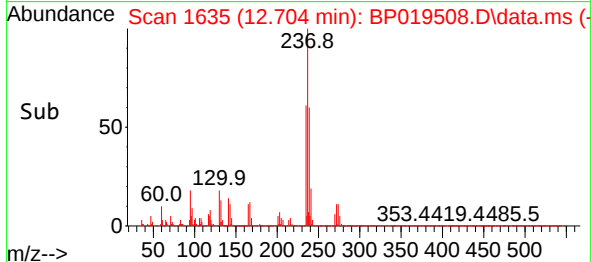
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 237 Resp: 1983
Ion Ratio Lower Upper
237 100
235 61.0 43.7 83.7
272 10.9 0.0 32.4

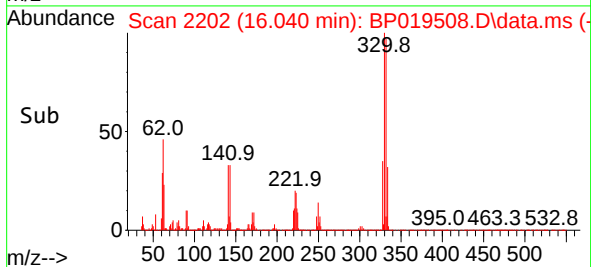
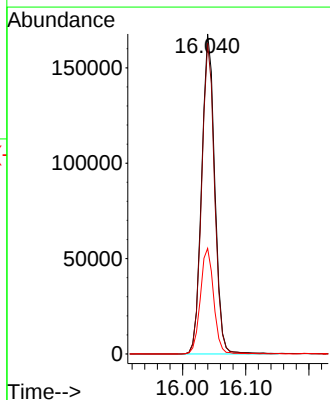
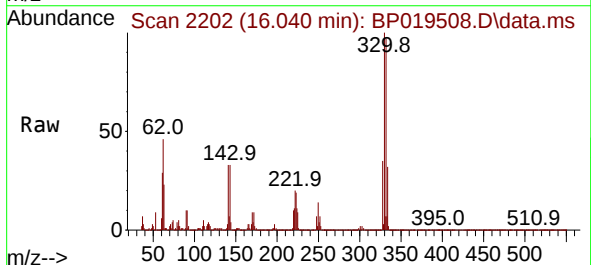
Manual Integrations
APPROVED

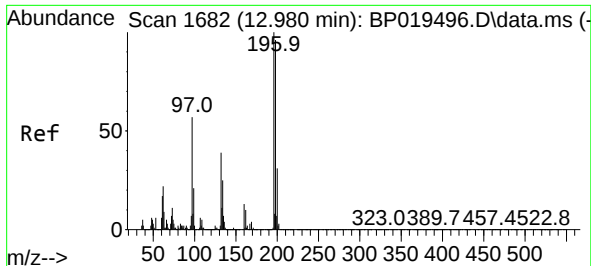
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#42
2,4,6-Tribromophenol
Concen: 78.619 ng
RT: 16.040 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

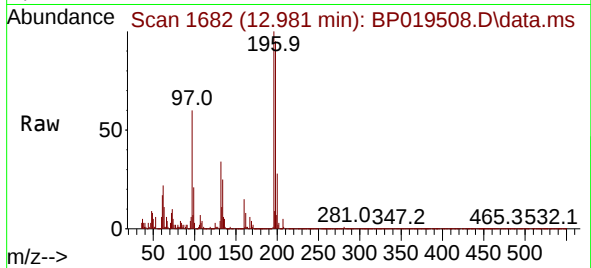
Tgt Ion: 330 Resp: 241422
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 33.5 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 3.952 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

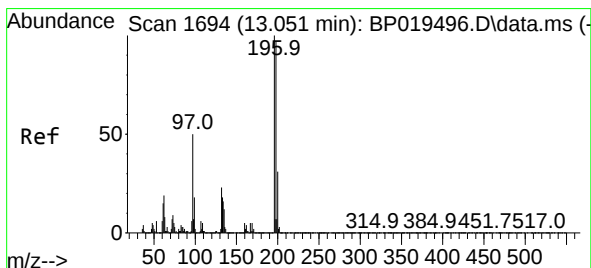
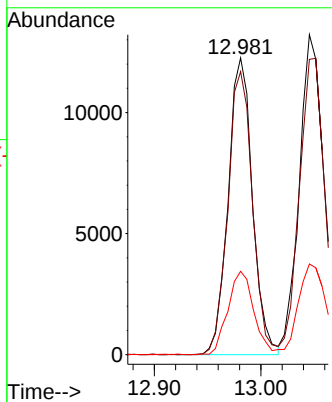
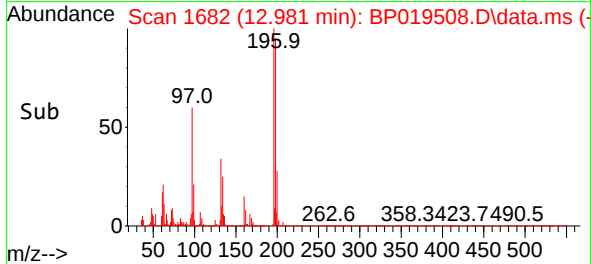
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:196 Resp: 1941
Ion Ratio Lower Upper
196 100
198 95.4 76.7 115.1
200 28.1 24.6 36.8

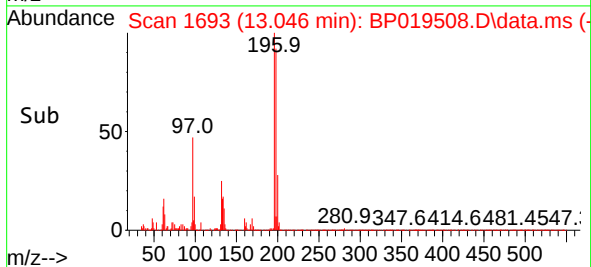
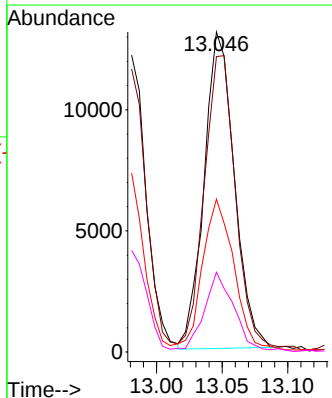
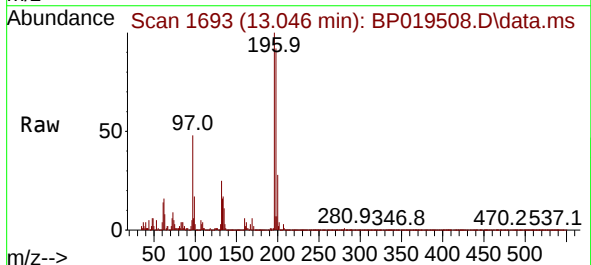
Manual Integrations
APPROVED

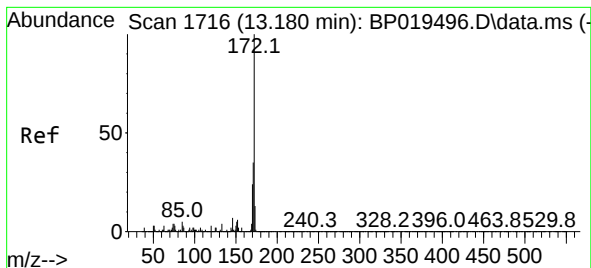
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#44
2,4,5-Trichlorophenol
Concen: 3.893 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:196 Resp: 20994
Ion Ratio Lower Upper
196 100
198 92.3 77.5 116.3
97 47.7 39.9 59.9
132 24.9 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 113.566 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:172 Resp: 193208

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

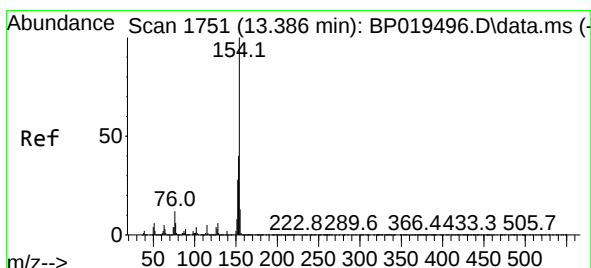
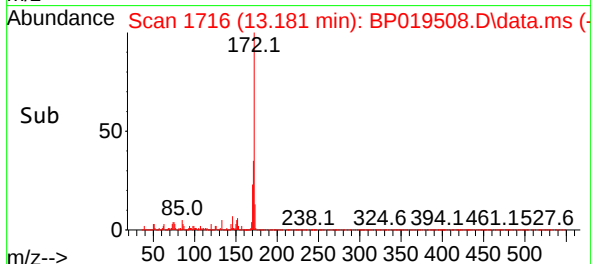
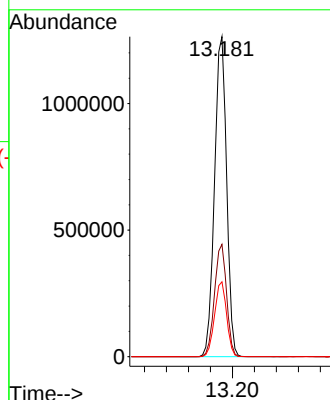
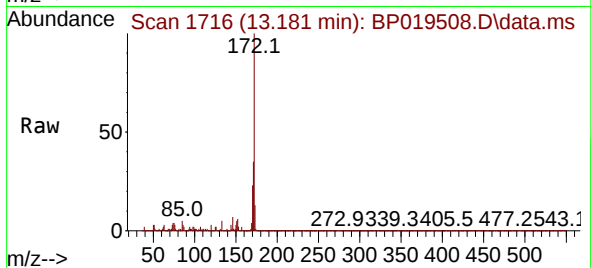
170 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#46

1,1'-Biphenyl

Concen: 4.271 ng

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

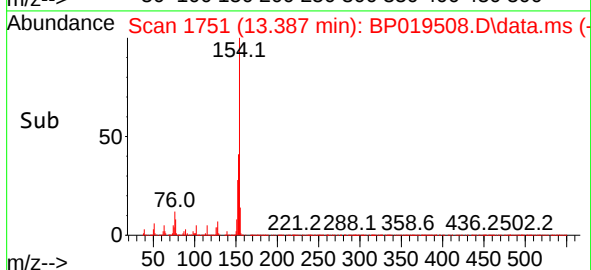
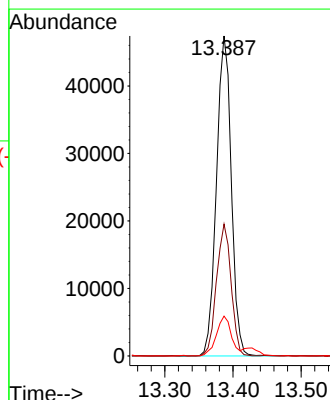
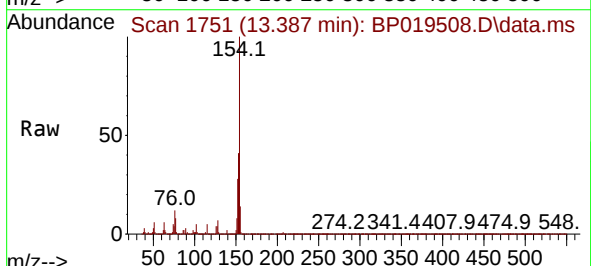
Tgt Ion:154 Resp: 71696

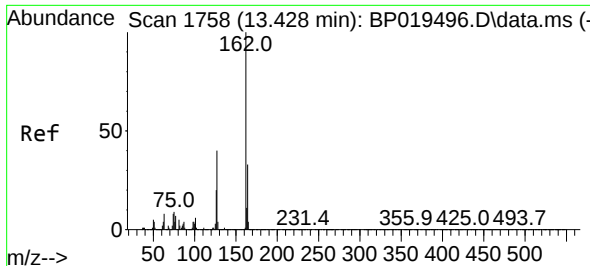
Ion Ratio Lower Upper

154 100

153 41.2 20.2 60.2

76 12.4 0.0 31.6





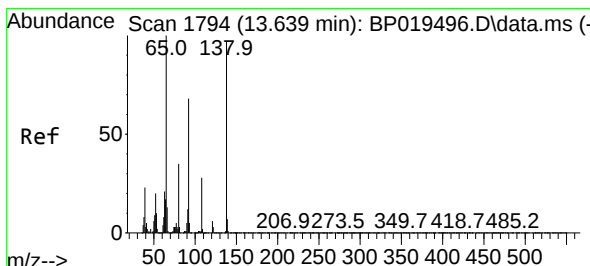
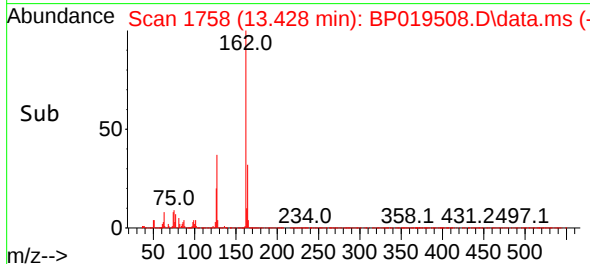
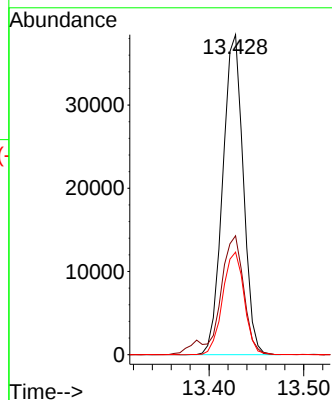
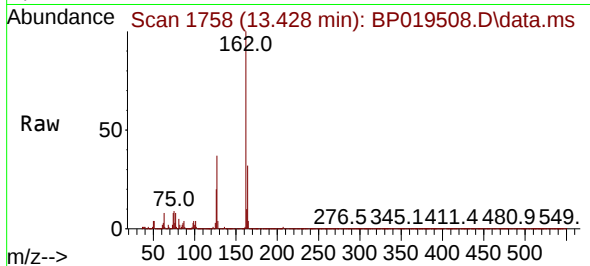
#47
2-Chloronaphthalene
Concen: 4.202 ng
RT: 13.428 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:	162	Resp:	5789
Ion Ratio	Lower	Upper	
162	100		
127	37.1	32.1	48.1
164	32.0	26.7	40.1

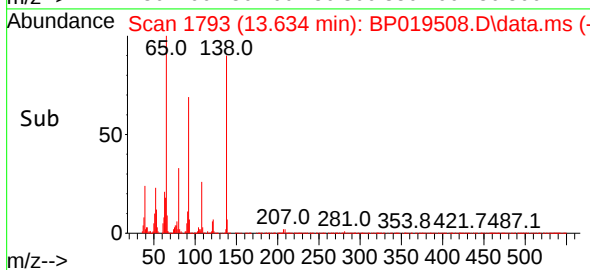
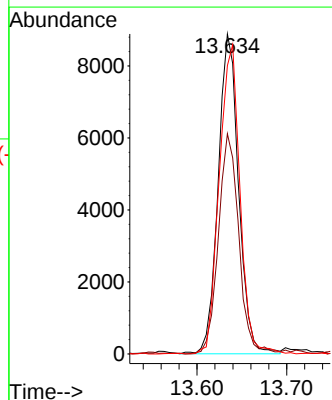
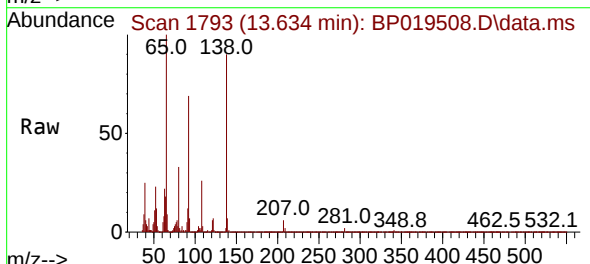
Manual Integrations
APPROVED

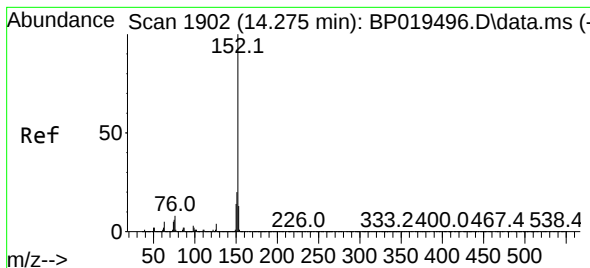
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#48
2-Nitroaniline
Concen: 3.646 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:	65	Resp:	14048
Ion Ratio	Lower	Upper	
65	100		
92	68.8	54.7	82.1
138	90.1	77.8	116.6





#49

Acenaphthylene

Concen: 4.487 ng

RT: 14.269 min Scan# 1902

Delta R.T. -0.005 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

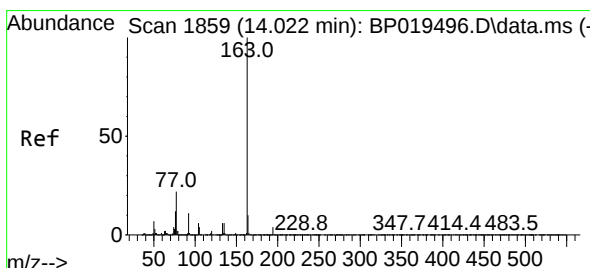
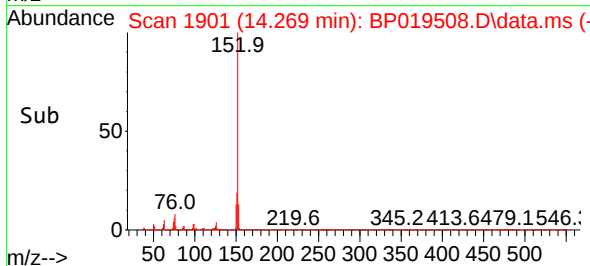
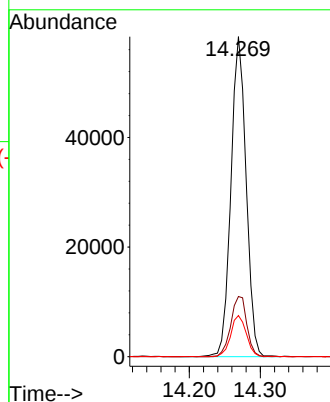
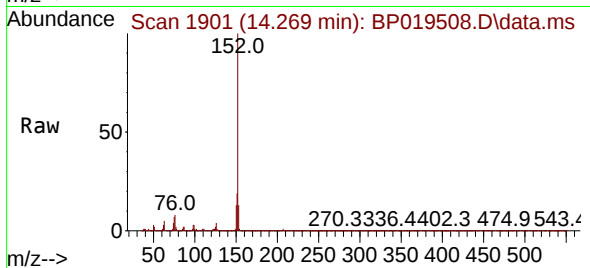
LOQ-SOIL-02-QT3-2023

Tgt Ion:	152	Resp:	8674
Ion Ratio	Lower	Upper	
152	100		
151	18.8	15.8	23.6
153	12.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#50

Dimethylphthalate

Concen: 4.201 ng

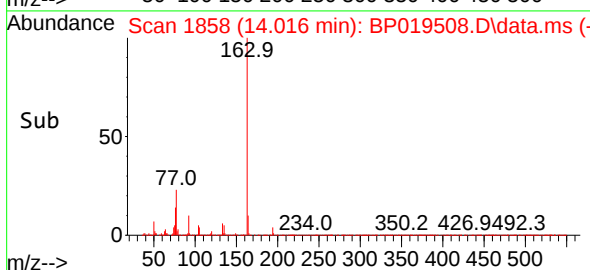
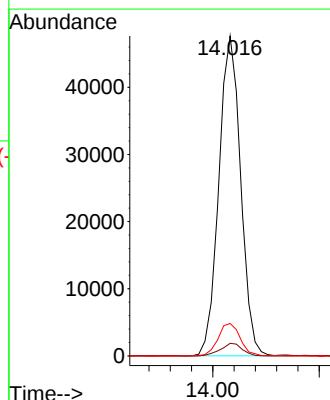
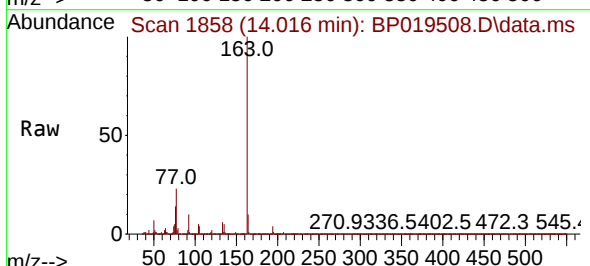
RT: 14.016 min Scan# 1858

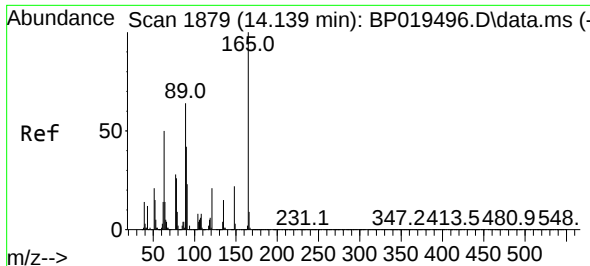
Delta R.T. -0.005 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Tgt Ion:	163	Resp:	67643
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.2	7.8	11.6





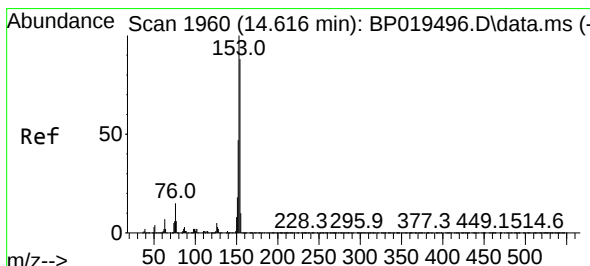
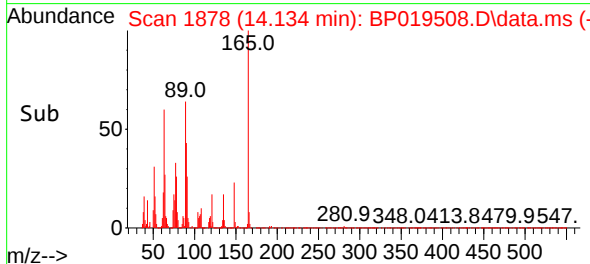
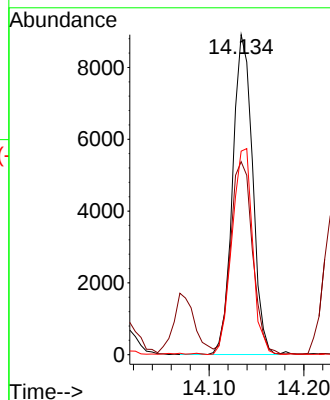
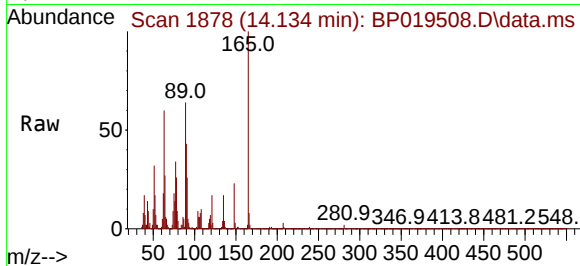
#51
2,6-Dinitrotoluene
Concen: 3.689 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:165 Resp: 13048
Ion Ratio Lower Upper
165 100
63 60.3 50.4 75.6
89 63.6 51.7 77.5

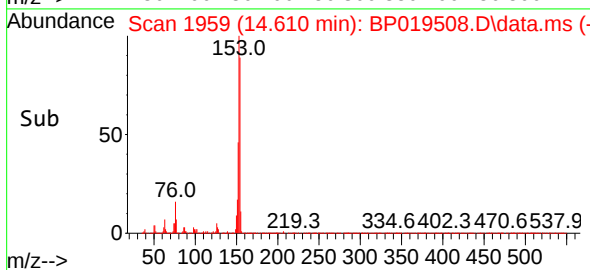
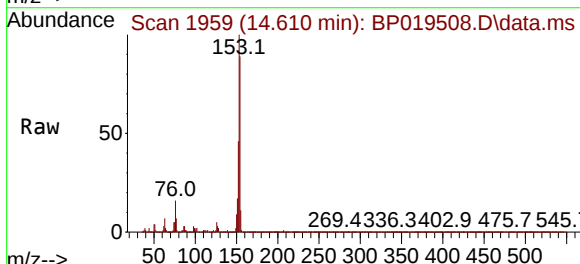
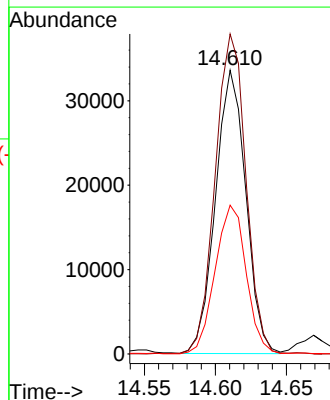
Manual Integrations
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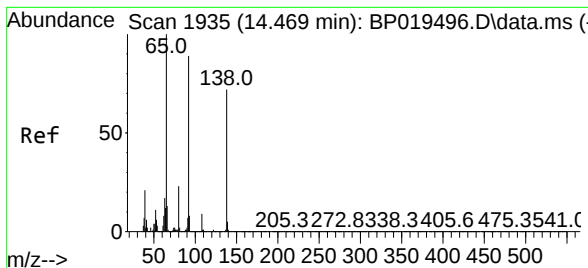
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#52
Acenaphthene
Concen: 4.163 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:154 Resp: 49955
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 52.4 42.1 63.1





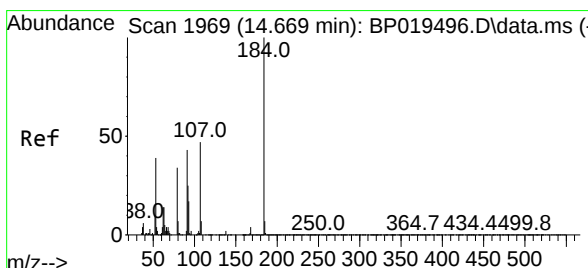
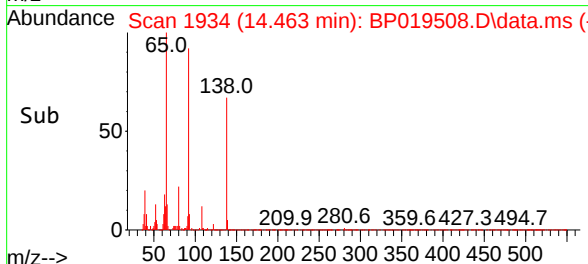
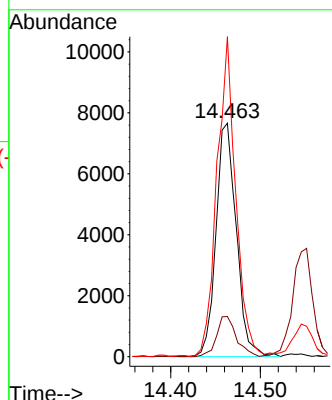
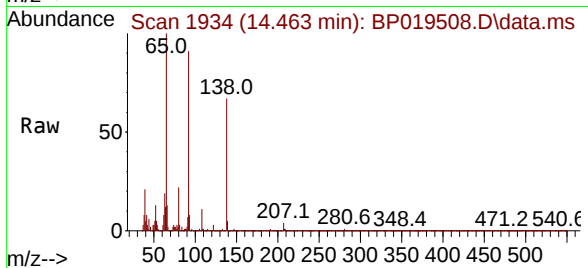
#53
3-Nitroaniline
Concen: 3.711 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:138 Resp: 1206
Ion Ratio Lower Upper
138 100
108 17.2 9.7 14.5
92 137.1 98.0 147.0

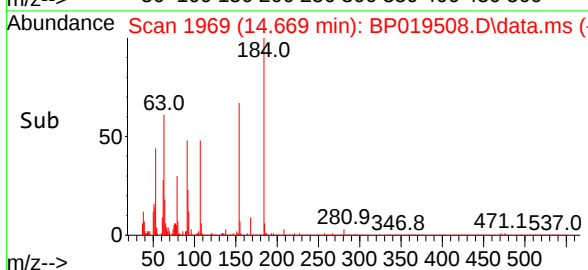
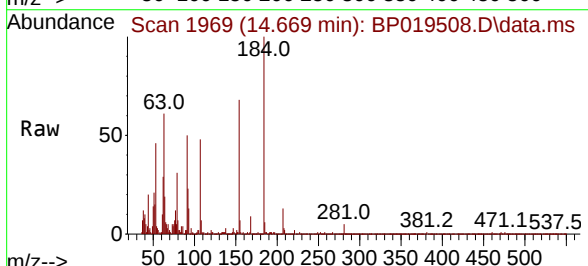
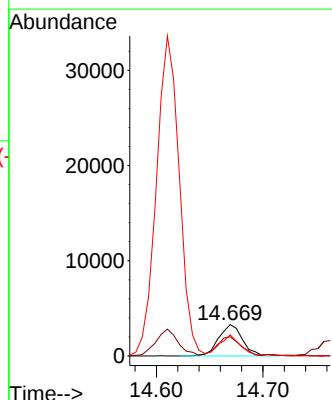
Manual Integrations
APPROVED

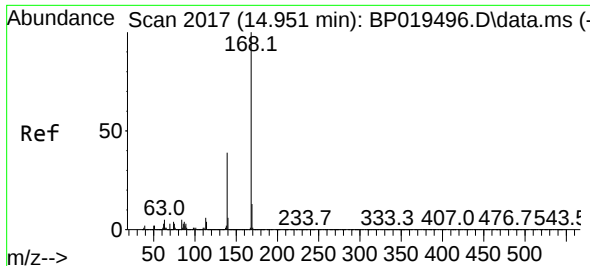
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#54
2,4-Dinitrophenol
Concen: 2.797 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:184 Resp: 5137
Ion Ratio Lower Upper
184 100
63 61.4 50.5 75.7
154 67.8 53.4 80.0





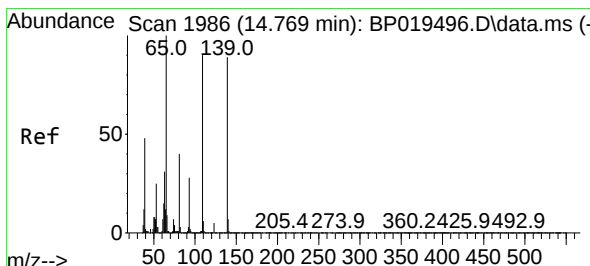
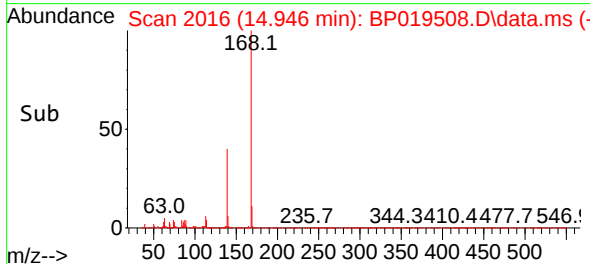
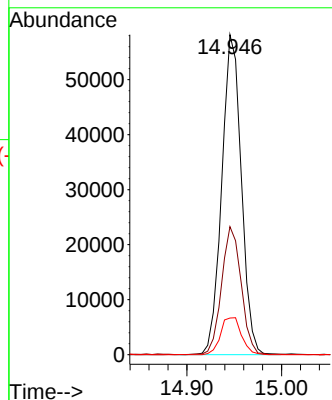
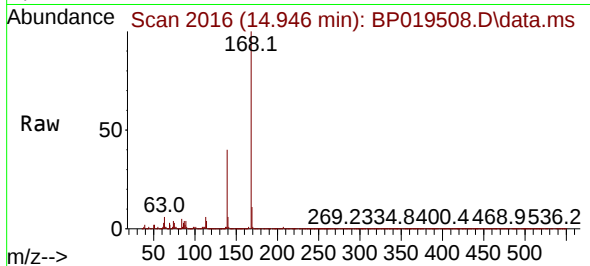
#55
Dibenzenofuran
Concen: 4.267 ng
RT: 14.946 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:168 Resp: 8338
Ion Ratio Lower Upper
168 100
139 40.0 31.5 47.3
169 11.5 10.3 15.5

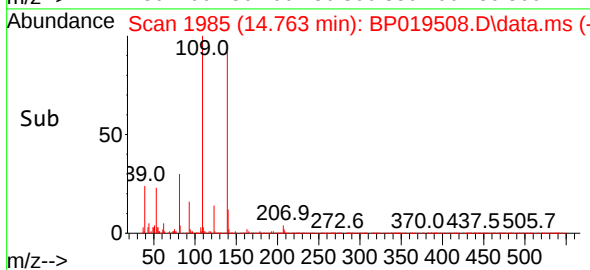
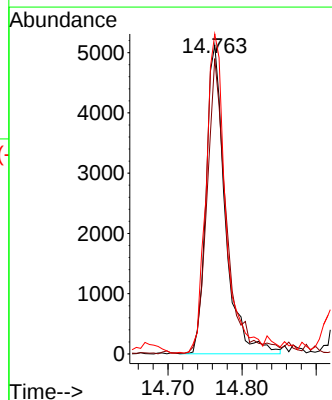
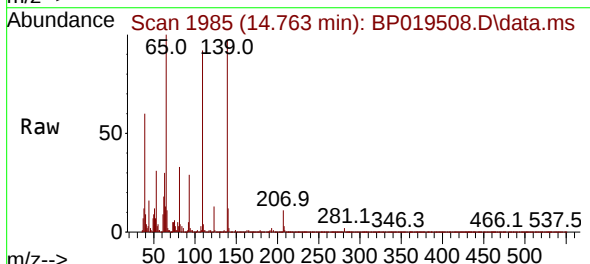
Manual Integrations
APPROVED

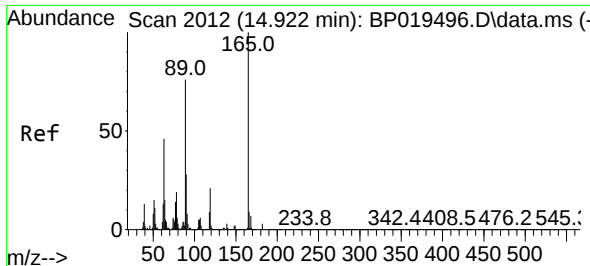
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#56
4-Nitrophenol
Concen: 3.441 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

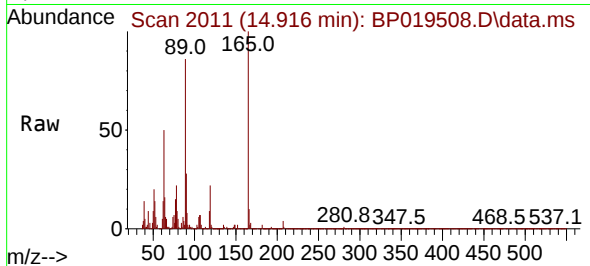
Tgt Ion:139 Resp: 9169
Ion Ratio Lower Upper
139 100
109 95.6 82.0 122.0
65 103.5 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 3.317 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

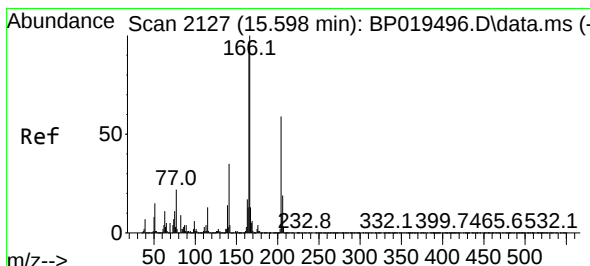
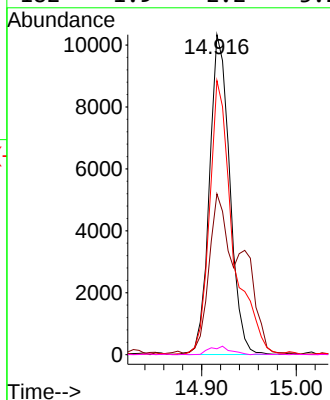
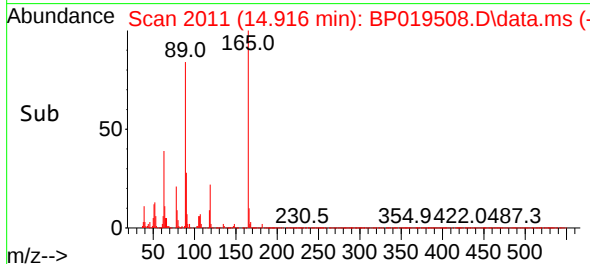
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



Tgt Ion:165 Resp: 1537
Ion Ratio Lower Upper
165 100
63 50.3 36.9 55.3
89 85.7 61.1 91.7
182 1.9 2.2 3.2#

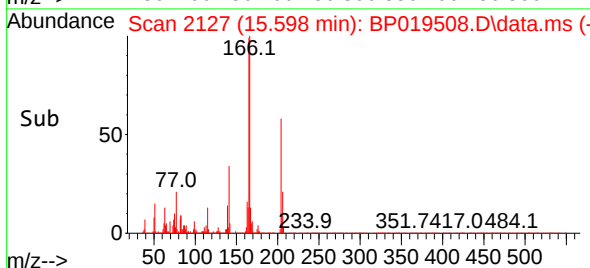
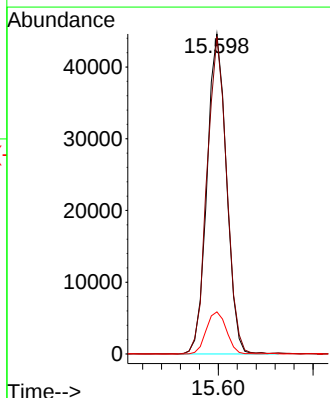
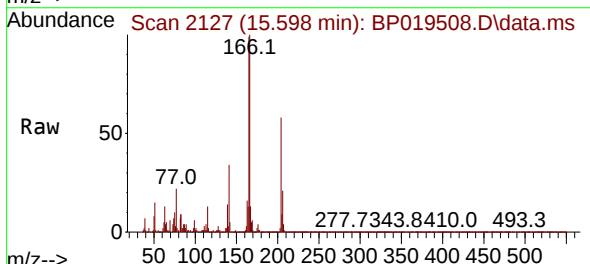
Manual Integrations
APPROVED

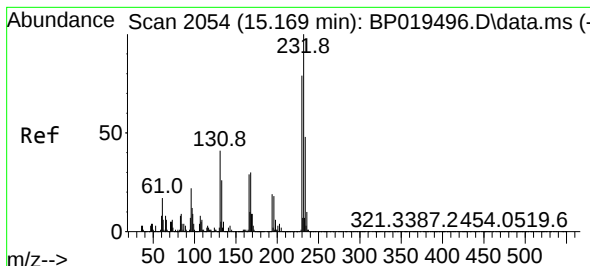
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#58
Fluorene
Concen: 4.092 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

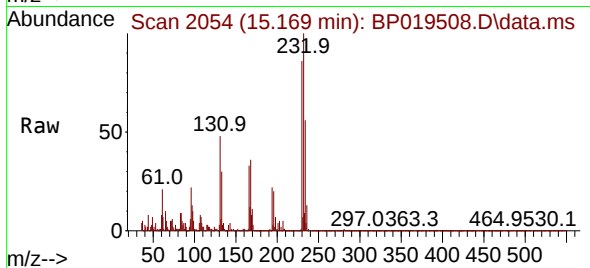
Tgt Ion:166 Resp: 63691
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.851 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

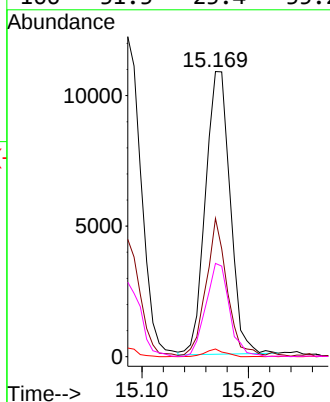
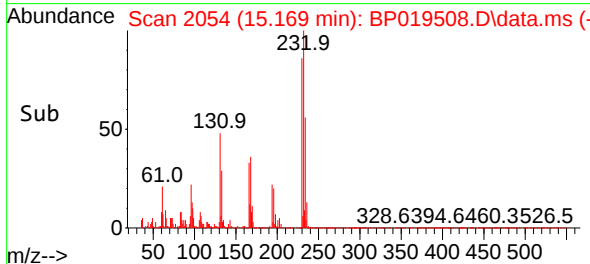
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



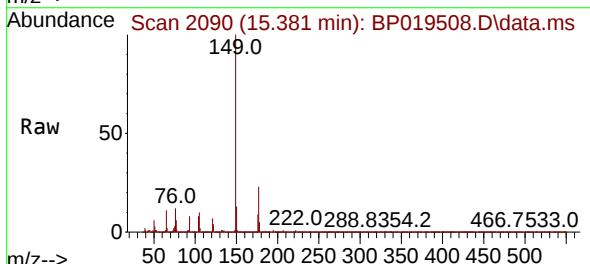
Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.4	48.6
130	2.2	1.9	2.9
166	31.3	23.4	35.2

Manual Integrations
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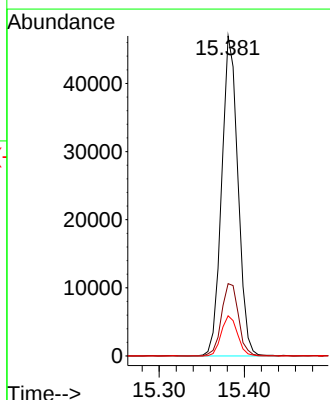
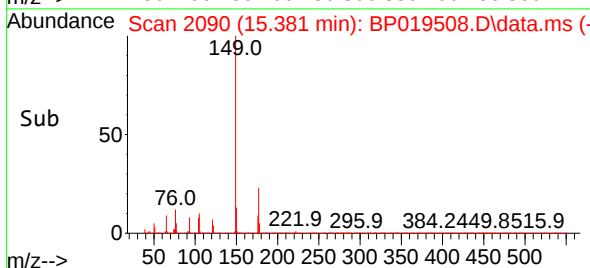
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#60
Diethylphthalate
Concen: 3.898 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



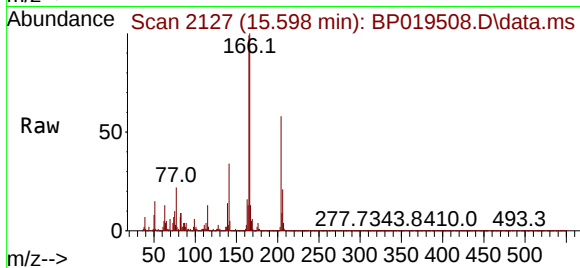
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.6	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.109 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

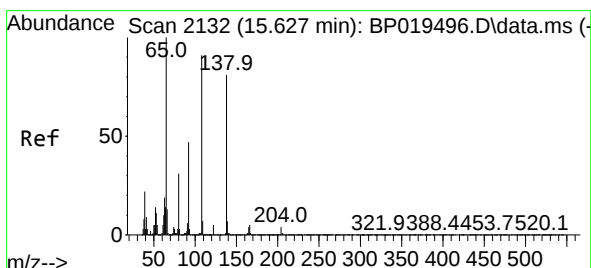
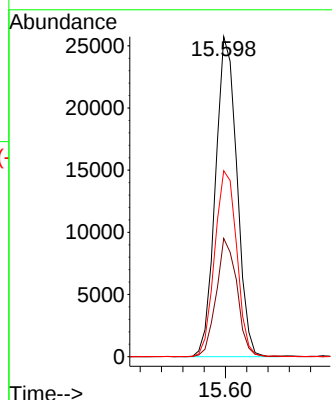
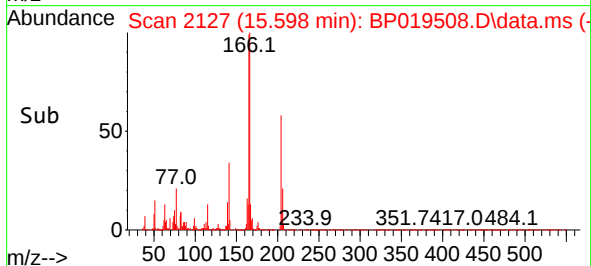
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:204 Resp: 3594
Ion Ratio Lower Upper
204 100
206 36.9 26.5 39.7
141 58.1 48.5 72.7

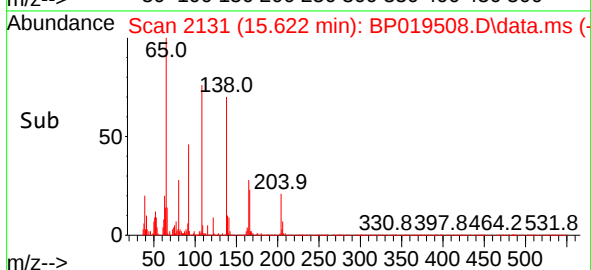
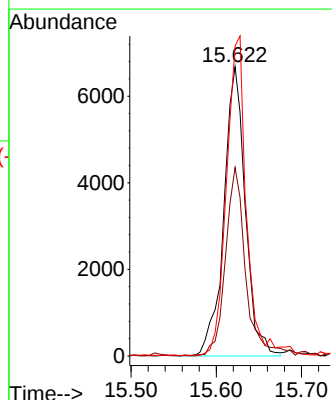
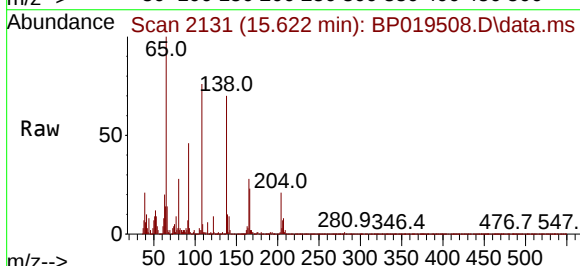
Manual Integrations
APPROVED

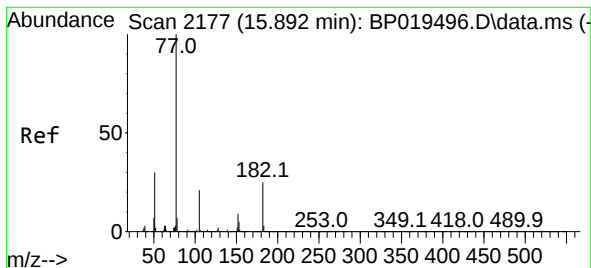
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#62
4-Nitroaniline
Concen: 3.439 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

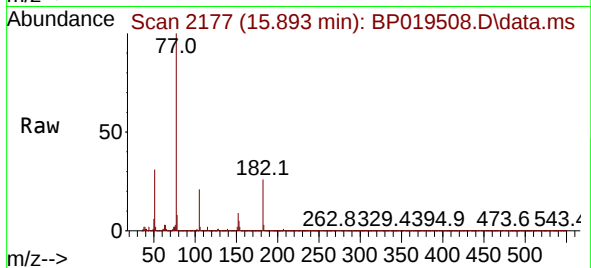
Tgt Ion:138 Resp: 11718
Ion Ratio Lower Upper
138 100
92 65.2 38.3 78.3
108 107.2 91.2 131.2





#63
Azobenzene
Concen: 3.916 ng
RT: 15.893 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

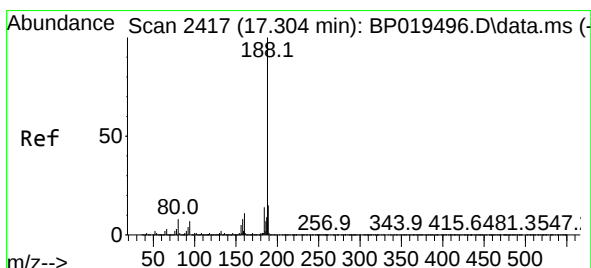
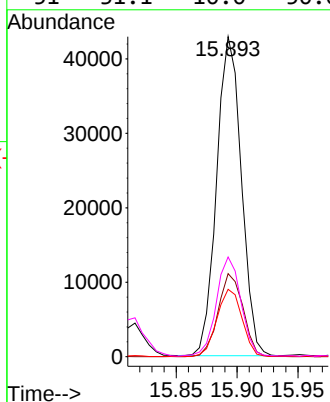
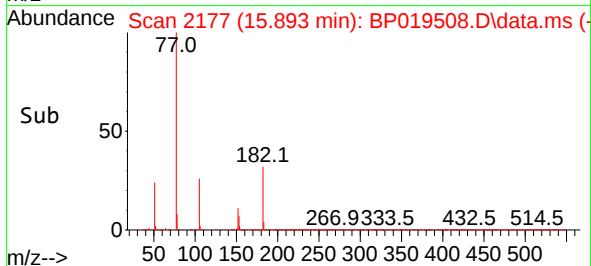
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



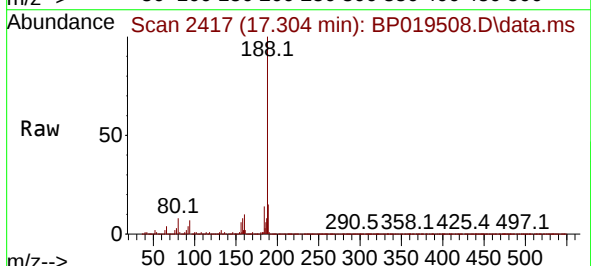
Tgt Ion: 77 Resp: 60640
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 21.0 0.8 40.8
51 31.1 10.0 50.0

Manual Integrations
APPROVED

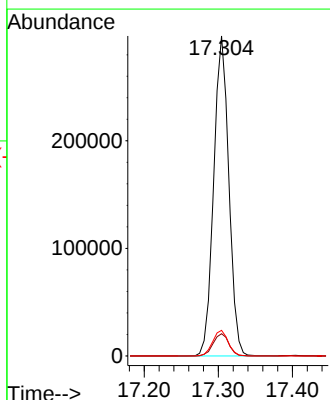
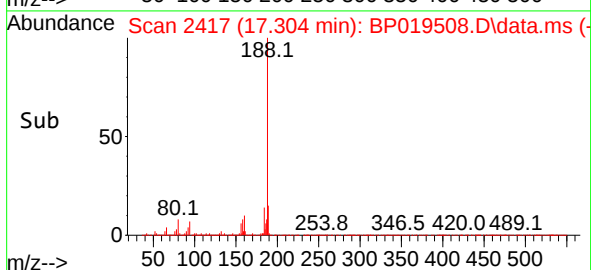
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

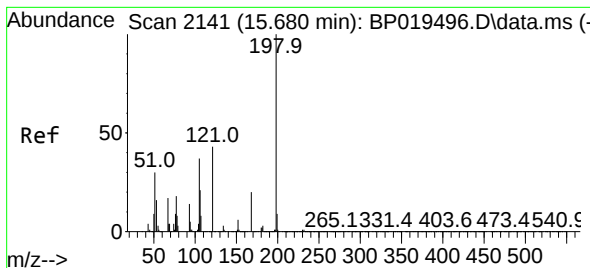


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



Tgt Ion:188 Resp: 421672
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.0 6.3 9.5





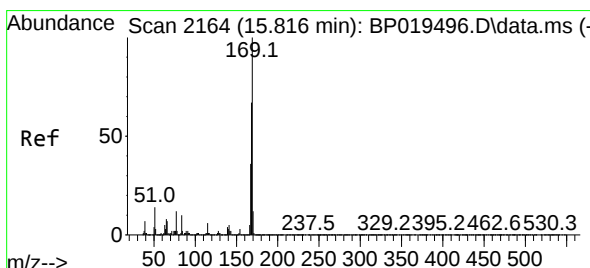
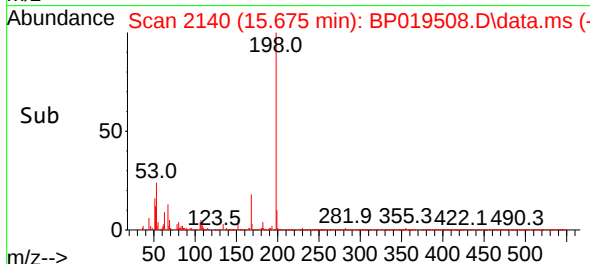
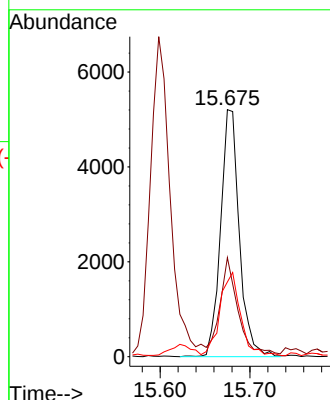
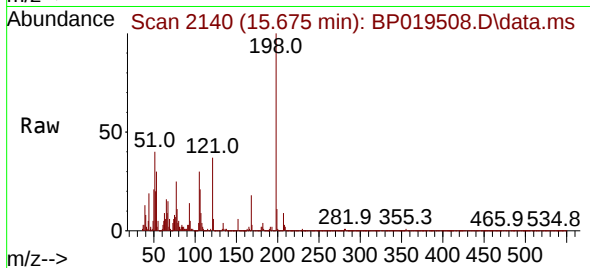
#65
4,6-Dinitro-2-methylphenol
Concen: 3.139 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:198 Resp: 7548
Ion Ratio Lower Upper
198 100
51 40.1 21.2 61.2
105 30.2 19.1 59.1

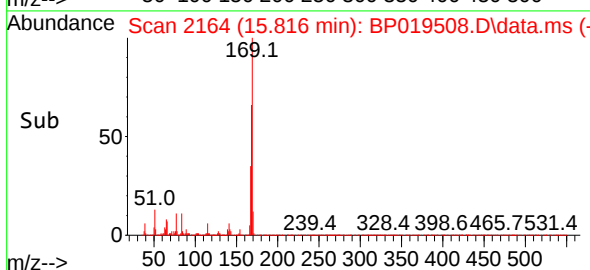
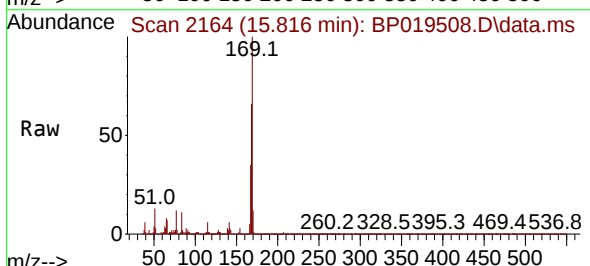
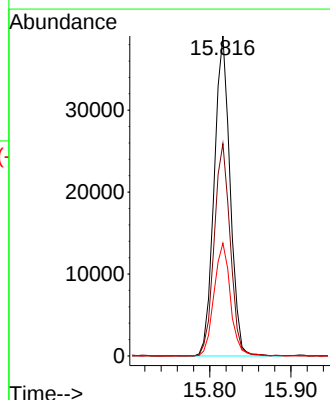
Manual Integrations
APPROVED

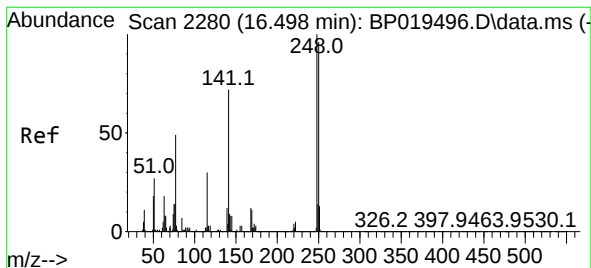
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#66
n-Nitrosodiphenylamine
Concen: 4.197 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

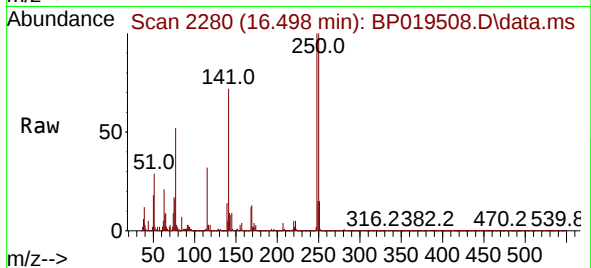
Tgt Ion:169 Resp: 53005
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 35.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 4.130 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

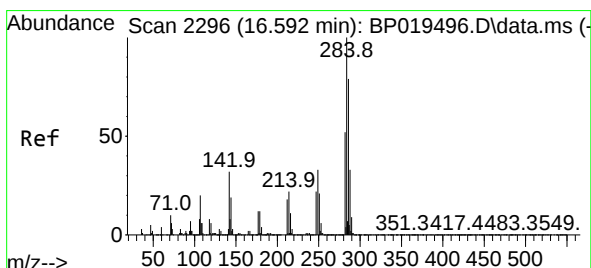
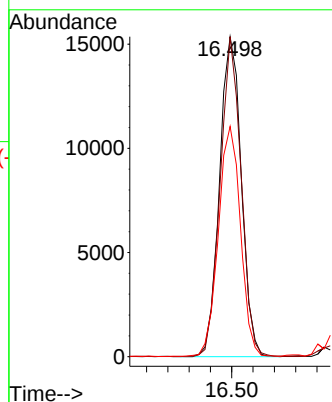
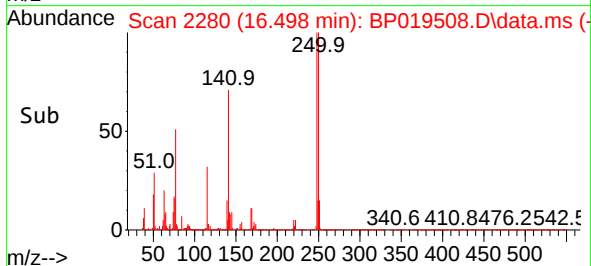
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



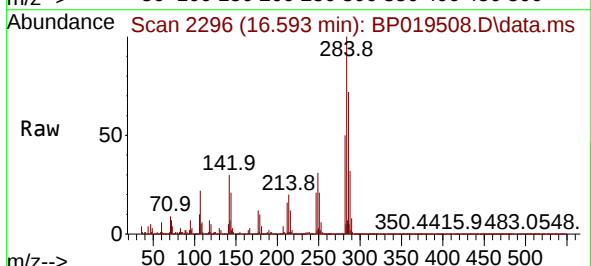
Tgt Ion:248 Resp: 2177
Ion Ratio Lower Upper
248 100
250 100.0 76.9 115.3
141 72.0 58.0 87.0

Manual Integrations
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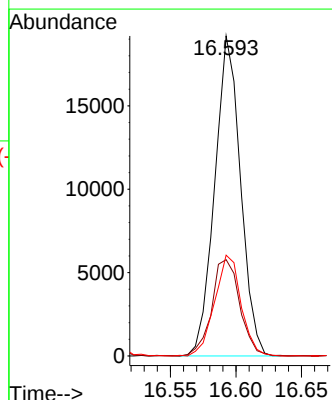
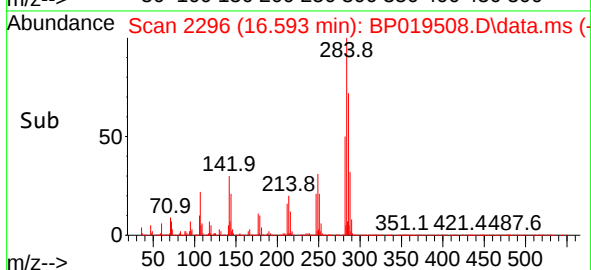
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

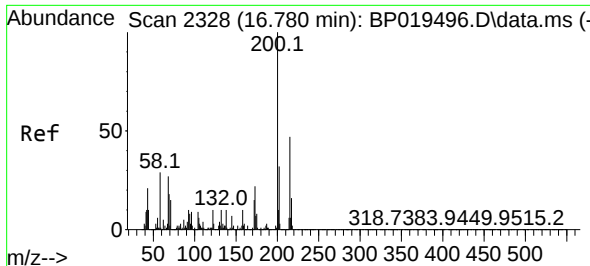


#68
Hexachlorobenzene
Concen: 4.260 ng
RT: 16.593 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



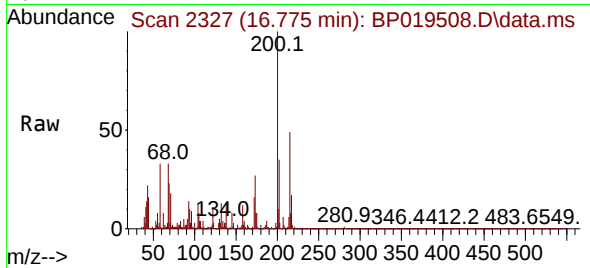
Tgt Ion:284 Resp: 26223
Ion Ratio Lower Upper
284 100
142 30.1 25.4 38.2
249 31.5 26.5 39.7





#69
Atrazine
Concen: 4.722 ng
RT: 16.775 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

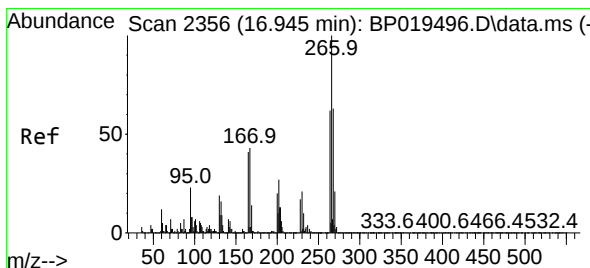
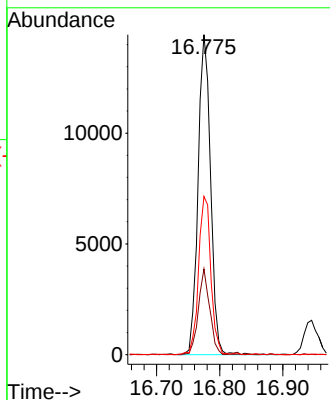
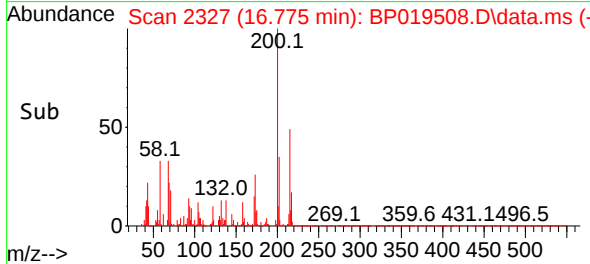
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:200 Resp: 19789
Ion Ratio Lower Upper
200 100
173 26.8 1.7 41.7
215 49.4 26.9 66.9

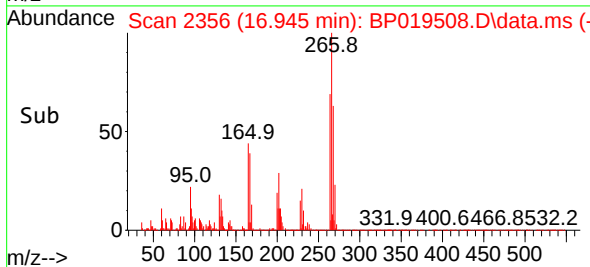
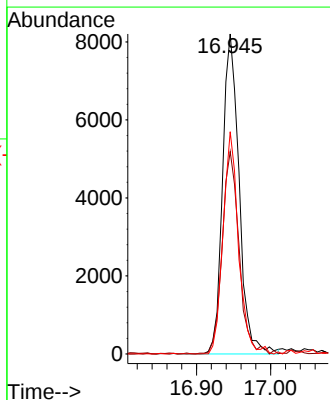
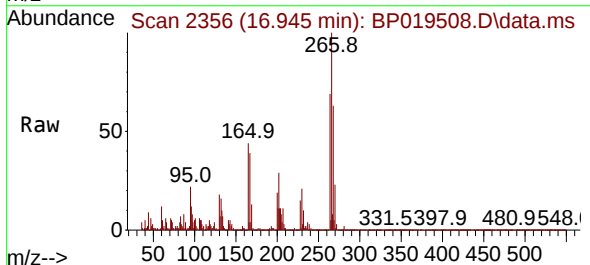
Manual Integrations
APPROVED

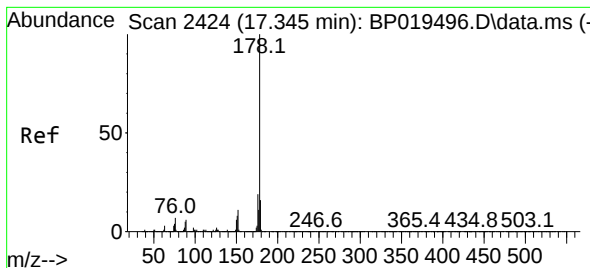
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#70
Pentachlorophenol
Concen: 3.319 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

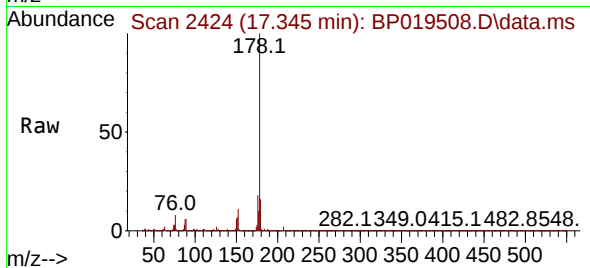
Tgt Ion:266 Resp: 12723
Ion Ratio Lower Upper
266 100
268 67.8 50.3 75.5
264 69.4 49.7 74.5





#71
Phenanthrene
Concen: 4.342 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

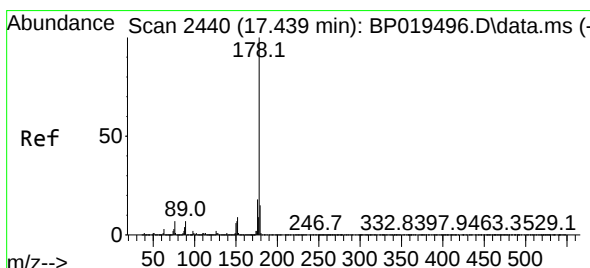
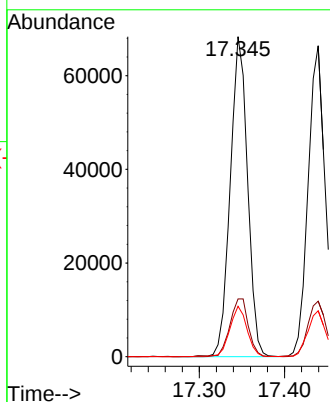
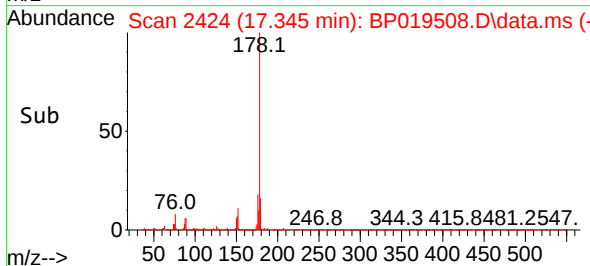
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:178 Resp: 96340
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 15.8 12.6 19.0

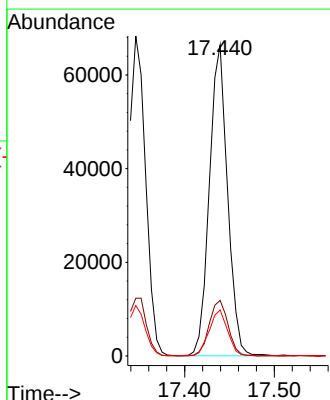
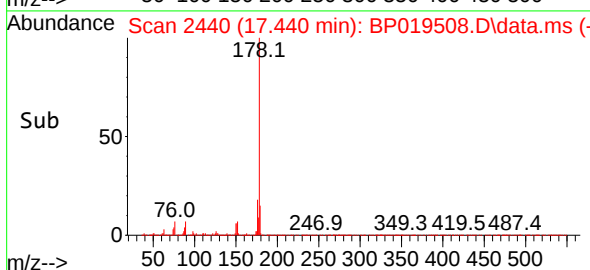
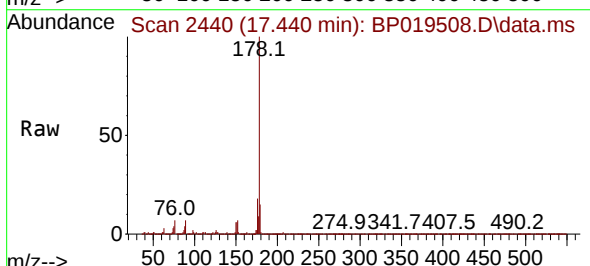
Manual Integrations
APPROVED

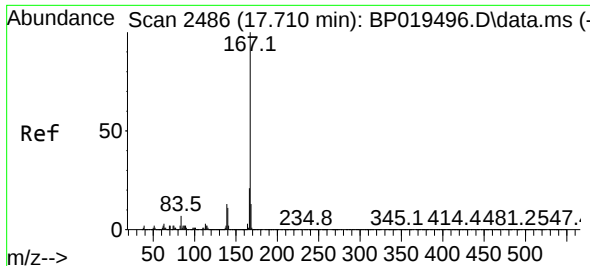
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#72
Anthracene
Concen: 4.209 ng
RT: 17.440 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

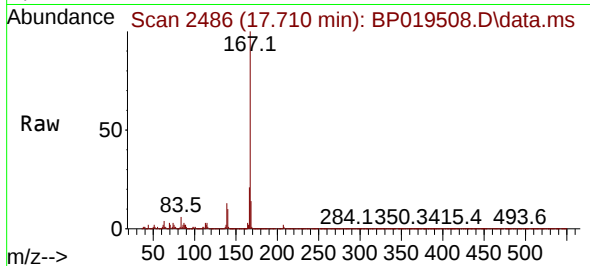
Tgt Ion:178 Resp: 93175
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 14.8 12.2 18.2





#73
 Carbazole
 Concen: 4.034 ng
 RT: 17.710 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06

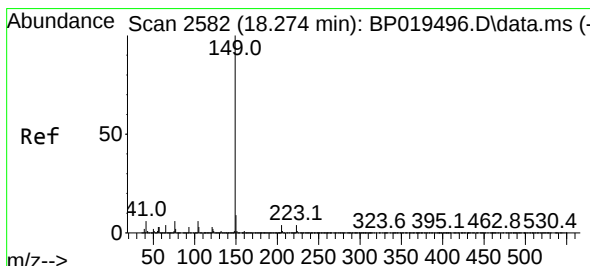
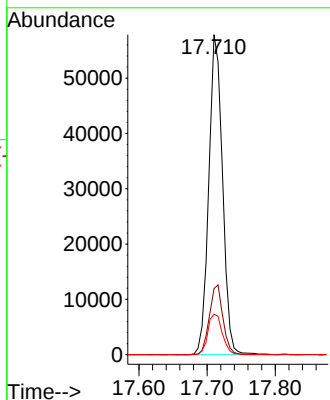
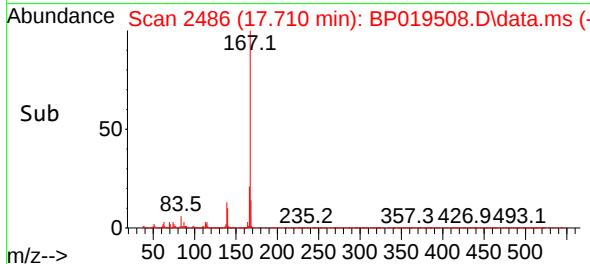
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



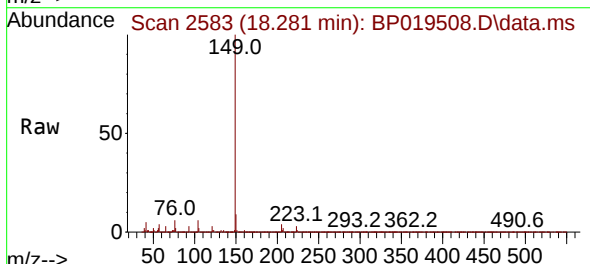
Tgt Ion:167 Resp: 81130
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

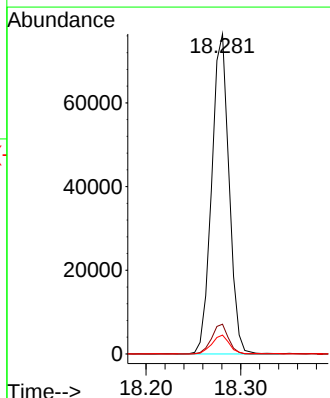
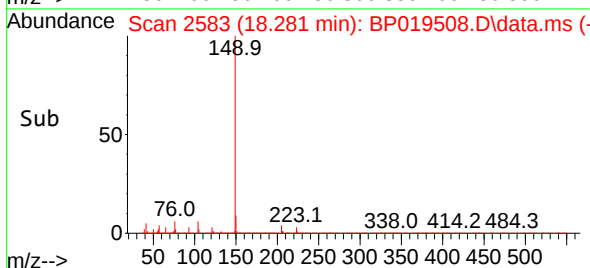
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#74
 Di-n-butylphthalate
 Concen: 4.002 ng
 RT: 18.281 min Scan# 2583
 Delta R.T. 0.006 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06



Tgt Ion:149 Resp: 97324
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.9 4.8 7.2



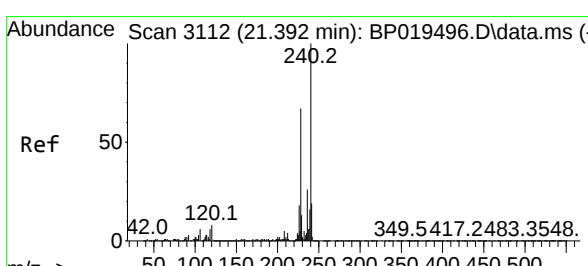
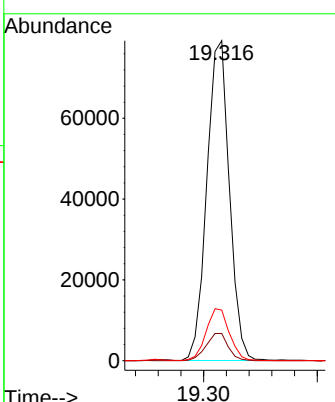
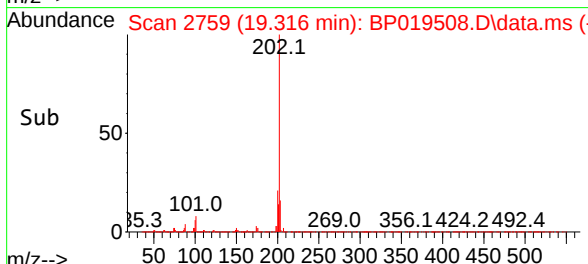
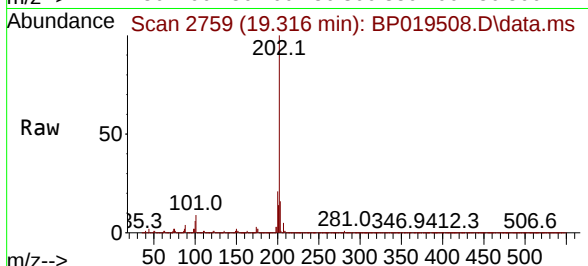


#75
 Fluoranthene
 Concen: 4.026 ng
 RT: 19.316 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT3-2023

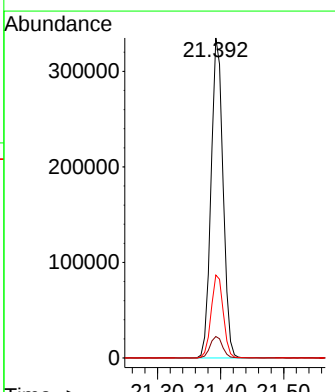
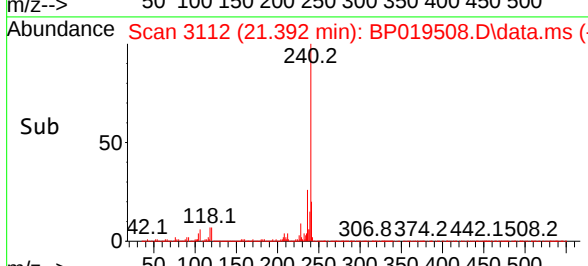
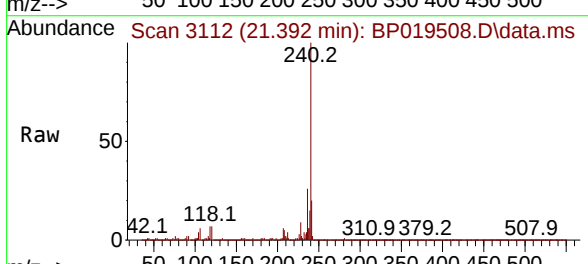
Tgt Ion:	202	Resp:	10914
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	27.7
203	15.8	0.0	37.5

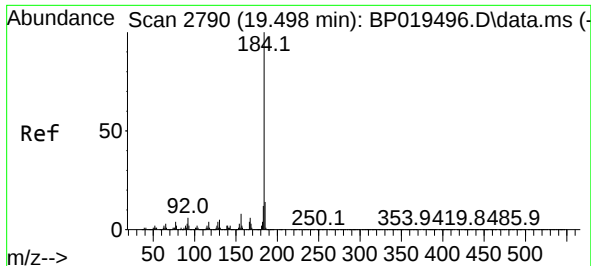
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06

Tgt Ion:	240	Resp:	440839
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.1	9.1
236	25.9	20.7	31.1





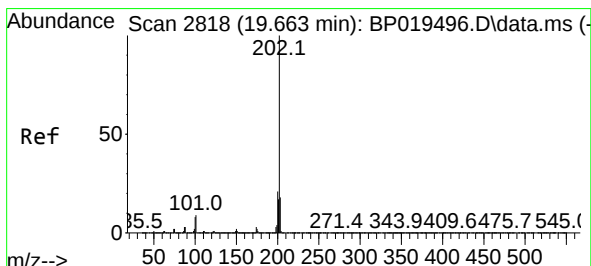
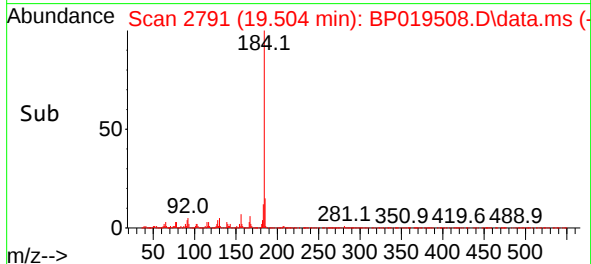
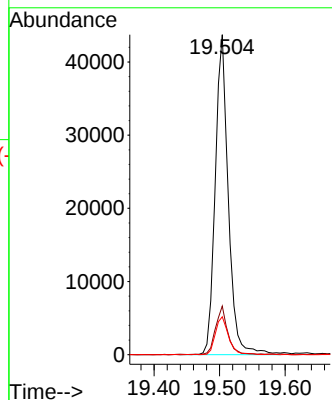
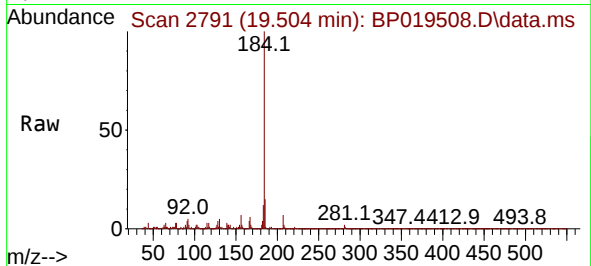
#77
Benzidine
Concen: 6.558 ng
RT: 19.504 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:184 Resp: 6044
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 11.9 9.7 14.5

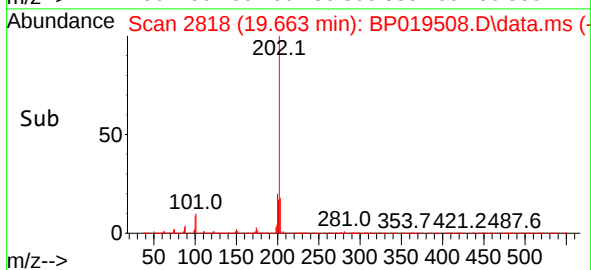
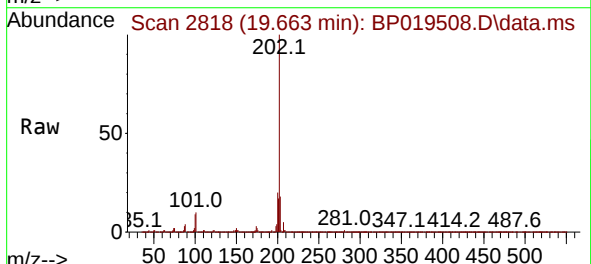
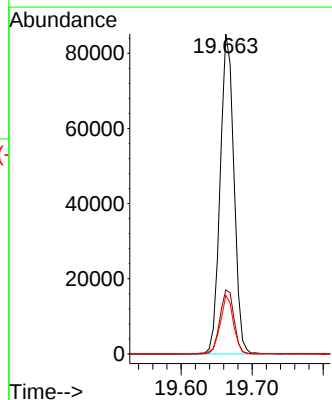
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#78
Pyrene
Concen: 3.662 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:202 Resp: 113923
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 105.990 ng

RT: 19.875 min Scan# 2853

Delta R.T. 0.006 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:244 Resp: 2841186

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

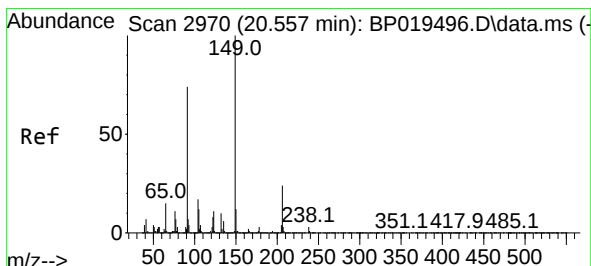
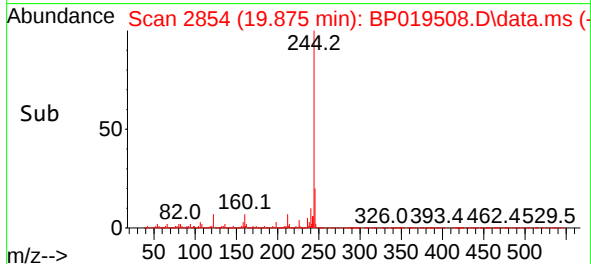
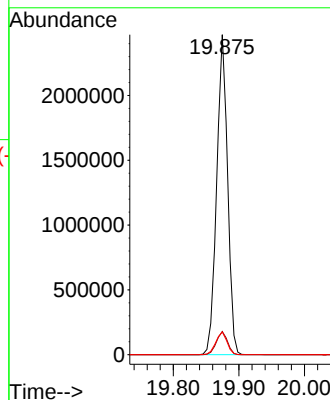
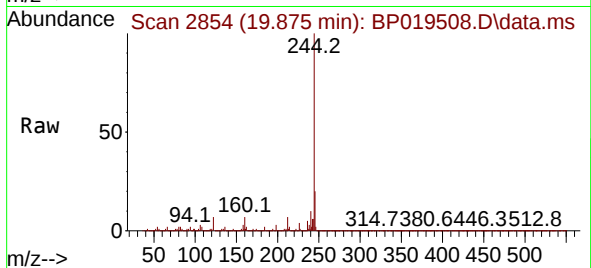
122 7.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#80

Butylbenzylphthalate

Concen: 3.678 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

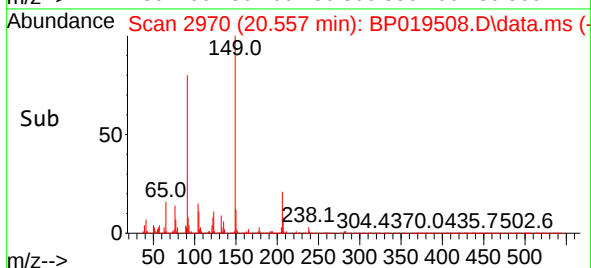
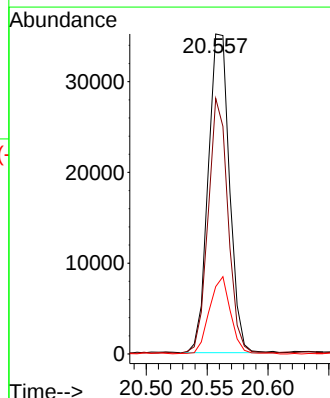
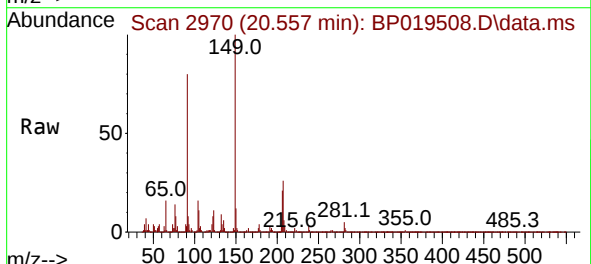
Tgt Ion:149 Resp: 42732

Ion Ratio Lower Upper

149 100

91 79.9 59.4 89.0

206 21.0 19.0 28.6





#81

Benzo(a)anthracene

Concen: 4.149 ng

RT: 21.381 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

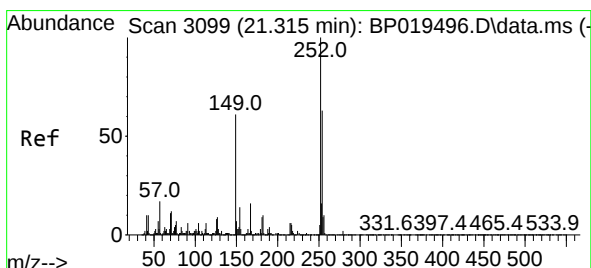
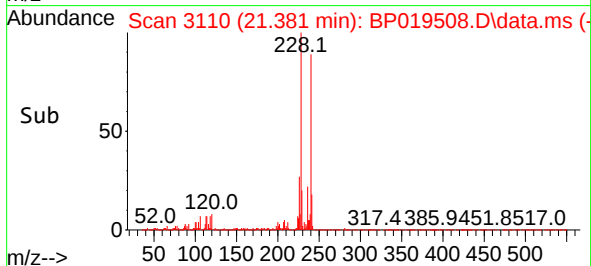
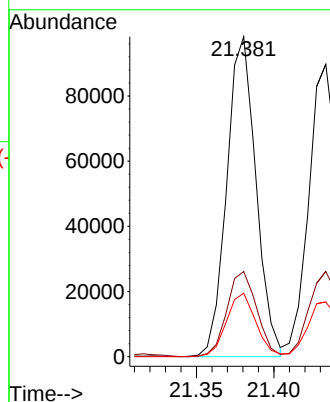
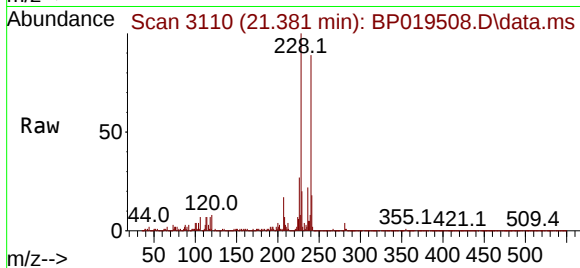
Tgt Ion:228 Resp: 128750

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 4.374 ng

RT: 21.316 min Scan# 3099

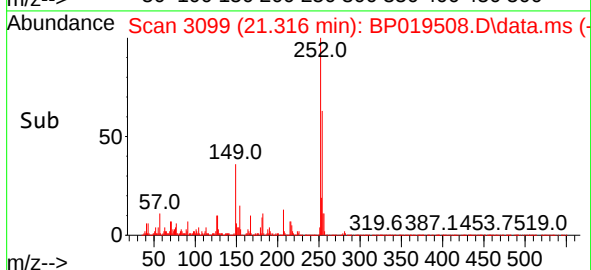
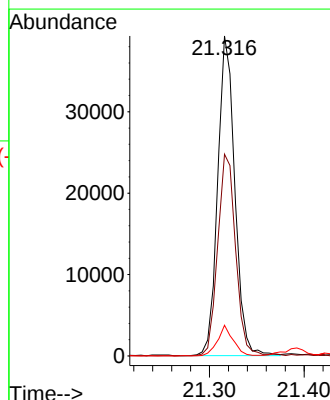
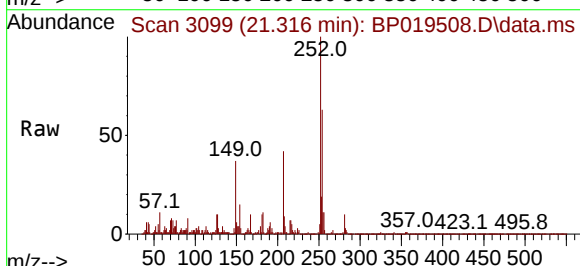
Delta R.T. 0.000 min

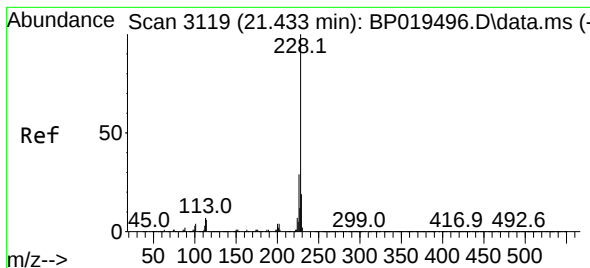
Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Tgt Ion:252 Resp: 49456

Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.7	76.1
126	9.6	6.4	9.6#





#83

Chrysene

Concen: 4.111 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

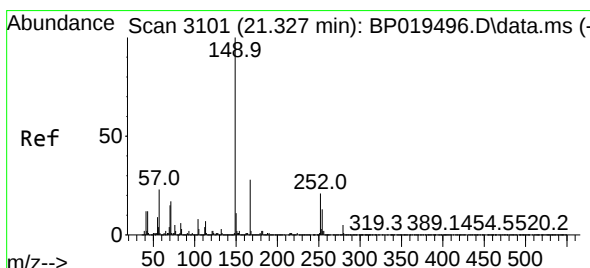
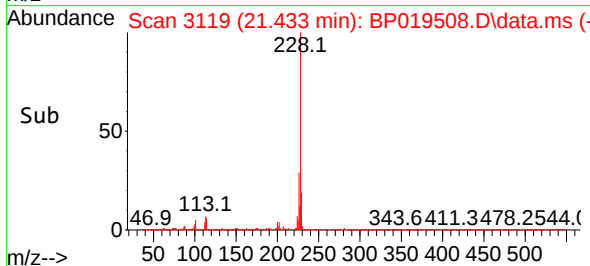
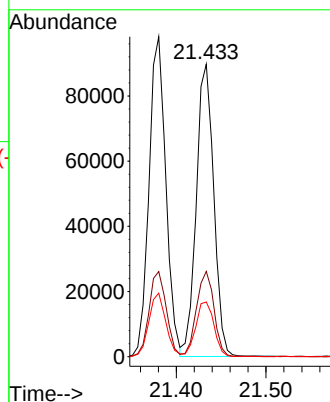
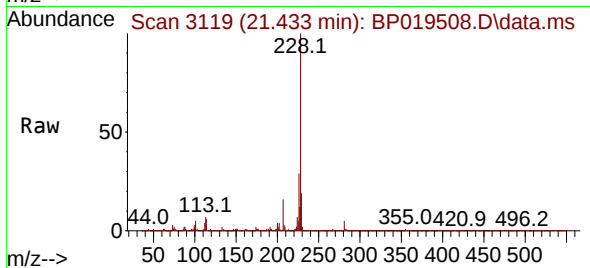
LOQ-SOIL-02-QT3-2023

Tgt Ion:	228	Resp:	12111
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.2
229	18.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.146 ng

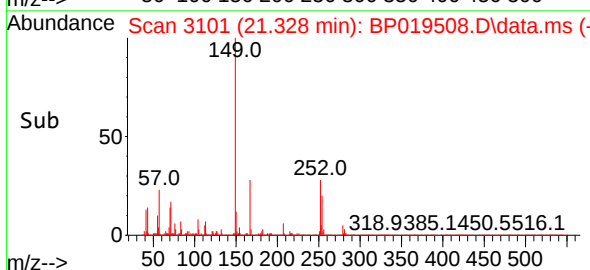
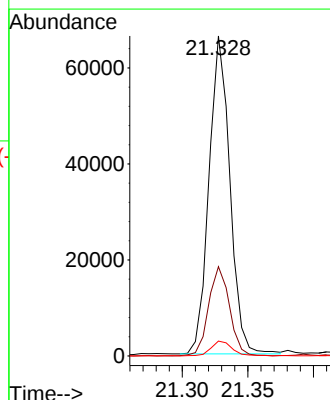
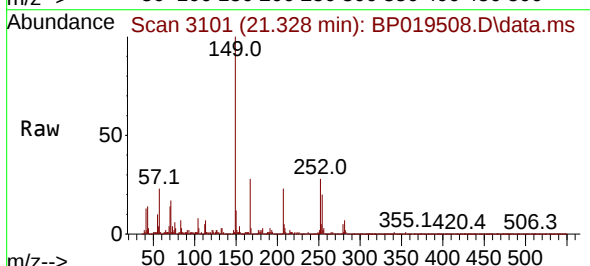
RT: 21.328 min Scan# 3101

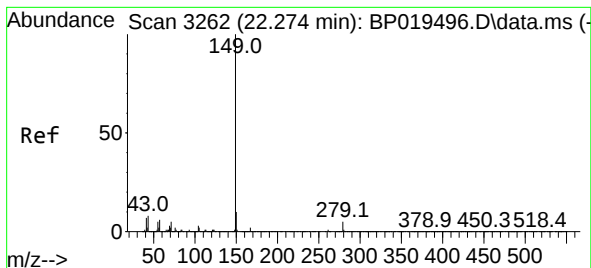
Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

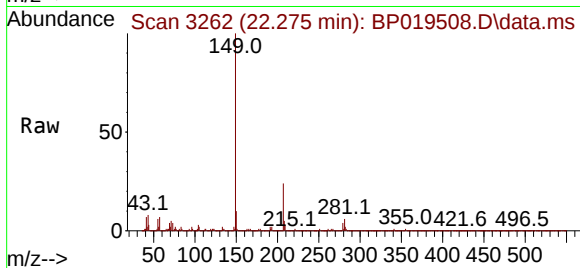
Tgt Ion:	149	Resp:	73345
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.7	34.1
279	4.6	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 4.157 ng
RT: 22.275 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

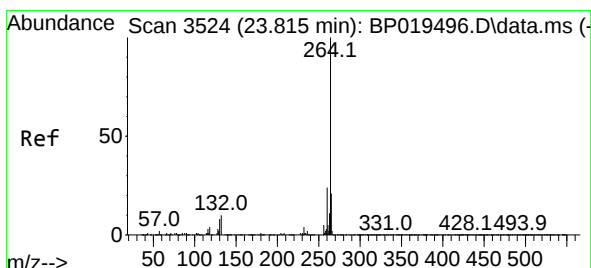
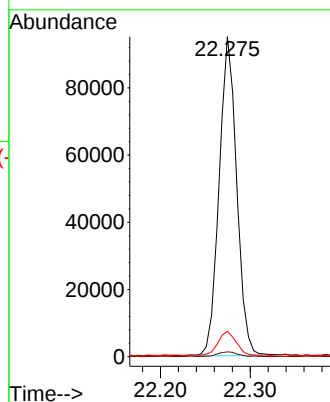
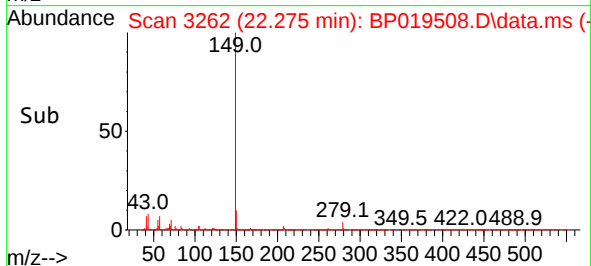
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:149 Resp: 129408
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.9 6.3 9.5

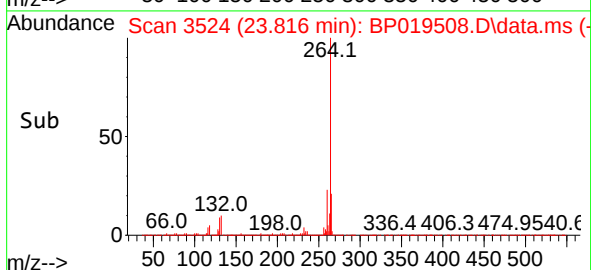
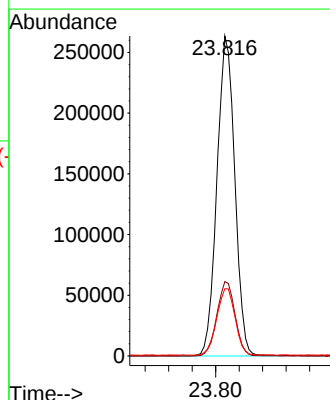
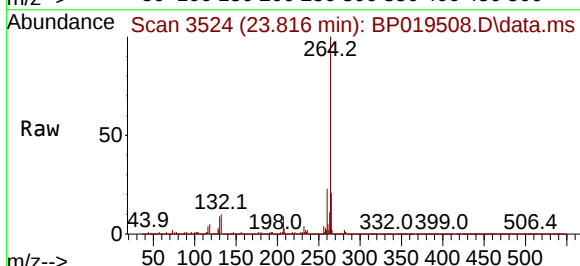
Manual Integrations
APPROVED

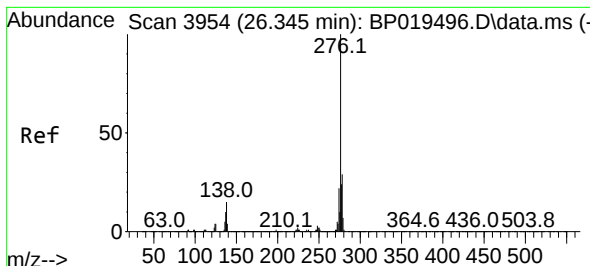
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.816 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

Tgt Ion:264 Resp: 555464
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.054 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

Instrument :

BNA_P

ClientSampleId :

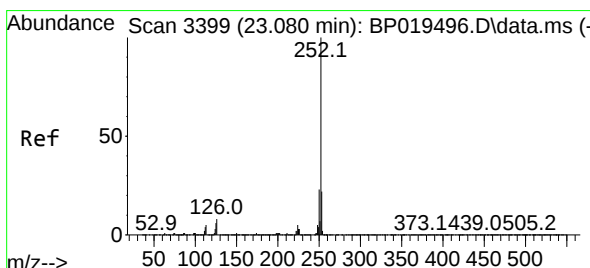
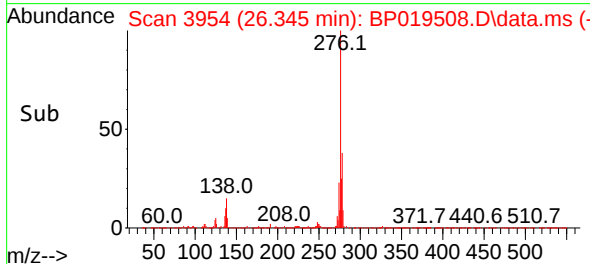
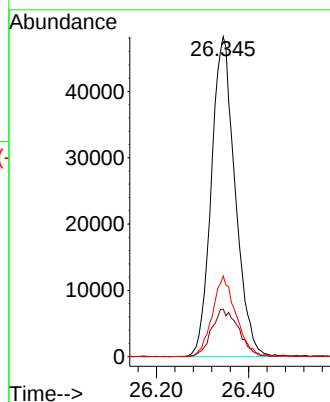
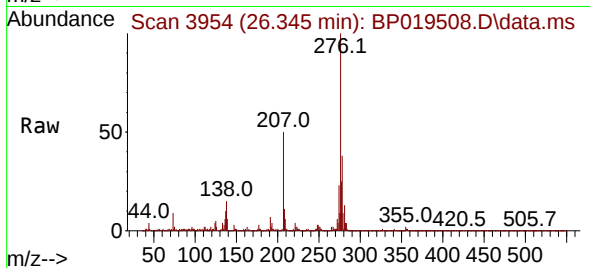
LOQ-SOIL-02-QT3-2023

Tgt Ion:	276	Resp:	17236
Ion Ratio	Lower	Upper	
276	100		
138	17.0	13.1	19.7
277	25.0	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#88

Benzo(b)fluoranthene

Concen: 3.892 ng m

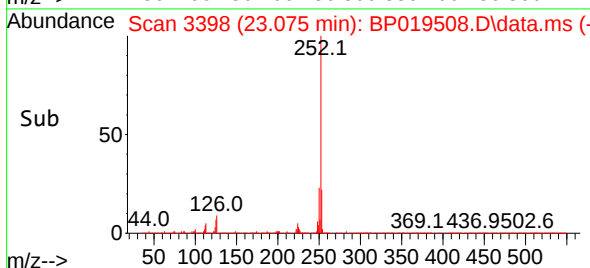
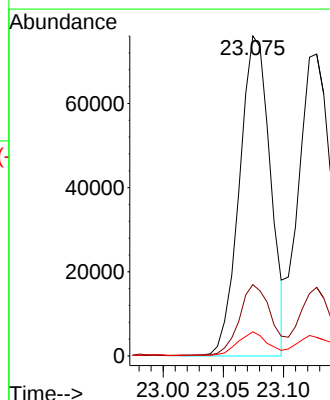
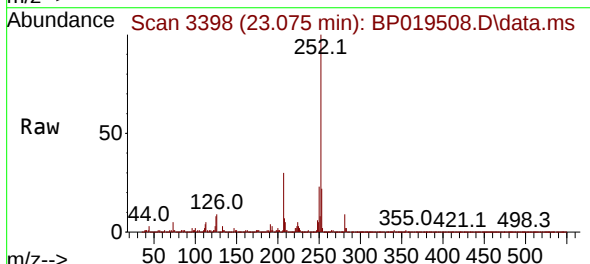
RT: 23.075 min Scan# 3398

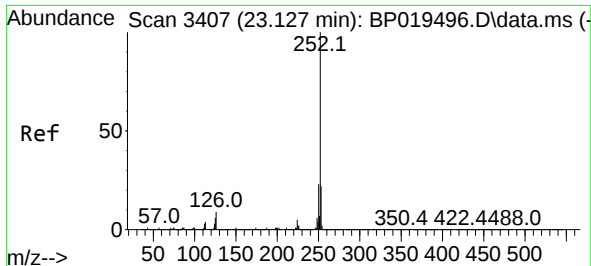
Delta R.T. -0.005 min

Lab File: BP019508.D

Acq: 01 Feb 2024 15:06

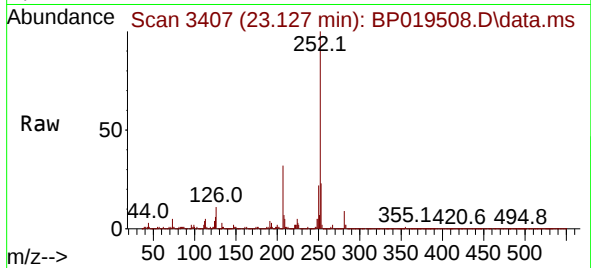
Tgt Ion:	252	Resp:	136238
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	7.5	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 4.109 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06

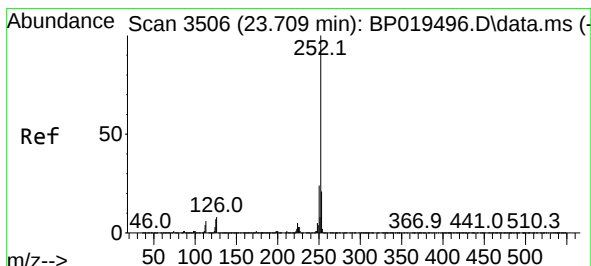
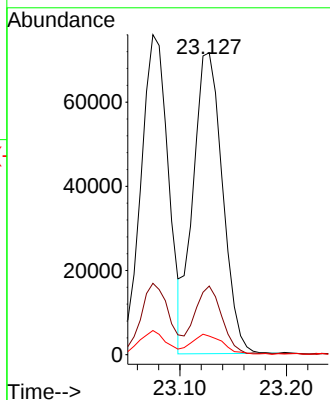
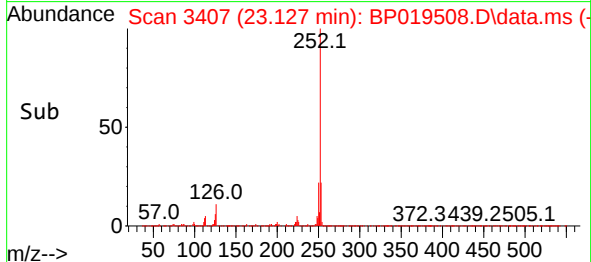
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



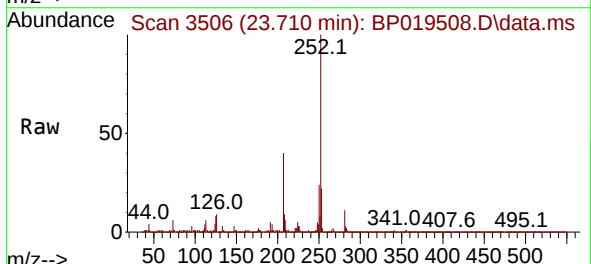
Tgt Ion:252 Resp: 137400
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 6.2 5.0 7.6

Manual Integrations
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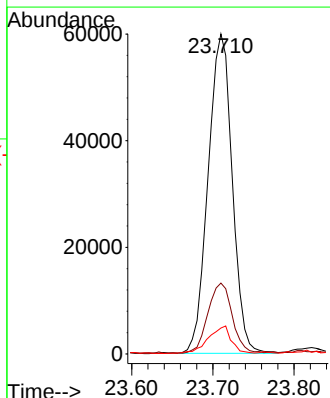
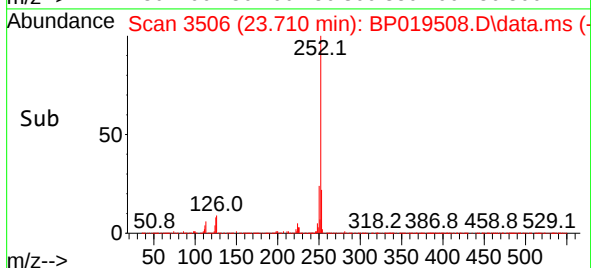
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

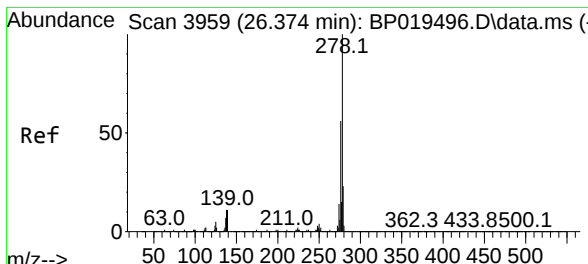


#90
Benzo(a)pyrene
Concen: 3.972 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019508.D
Acq: 01 Feb 2024 15:06



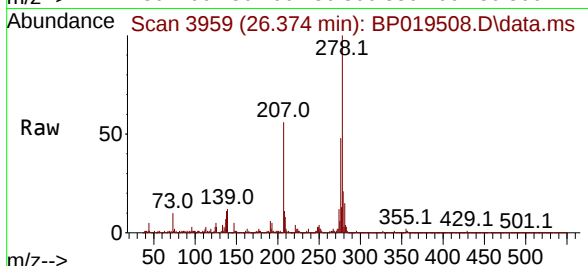
Tgt Ion:252 Resp: 123739
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 8.1 5.6 8.4





#91
 Dibenzo(a,h)anthracene
 Concen: 4.036 ng
 RT: 26.374 min Scan# 3959
 Delta R.T. 0.000 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06

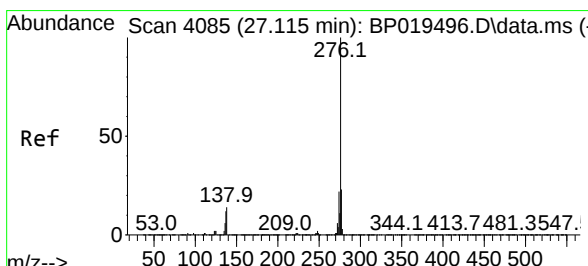
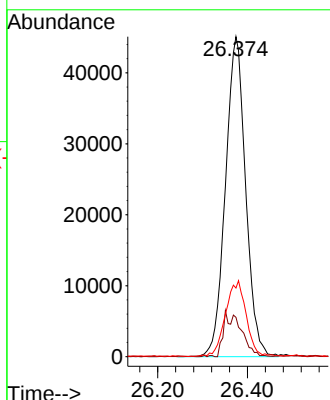
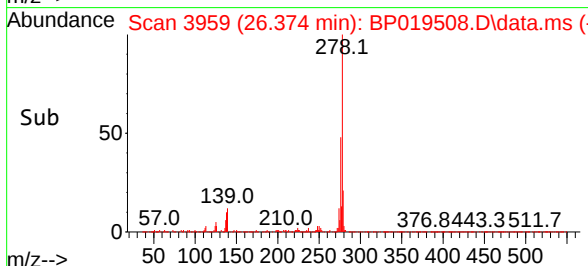
Instrument : BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



Tgt Ion:	278	Resp:	14115
Ion Ratio	Lower	Upper	
278	100		
139	12.3	8.6	12.8
279	21.4	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#92
 Benzo(g,h,i)perylene
 Concen: 3.834 ng
 RT: 27.115 min Scan# 4085
 Delta R.T. 0.000 min
 Lab File: BP019508.D
 Acq: 01 Feb 2024 15:06

Tgt Ion:	276	Resp:	136035
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	15.5	10.9	16.3

