

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009458.D
 Acq On : 18 Mar 2022 16:30
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ--SOIL 10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 18 17:31:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 17:04:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	239731	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	894916	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	575535	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1247520	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1401494	20.000	ng	0.00
86) Perylene-d12	23.733	264	1491998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1743126	126.950	ng	0.00
7) Phenol-d6	6.993	99	2198714	118.408	ng	0.00
23) Nitrobenzene-d5	8.957	82	1383801	82.171	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1173612	123.573	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3436651	82.779	ng	0.00
79) Terphenyl-d14	19.786	244	6122793	78.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	53002	9.746	ng	95
3) Pyridine	3.734	79	121544	8.298	ng	94
4) n-Nitrosodimethylamine	3.640	42	47197	8.749	ng	# 99
6) Aniline	7.134	93	207399	9.800	ng	98
8) 2-Chlorophenol	7.375	128	140166	8.952	ng	99
9) Benzaldehyde	6.946	77	121017m	12.296	ng	
10) Phenol	7.016	94	165283	8.872	ng	87
11) bis(2-Chloroethyl)ether	7.228	93	135494	9.190	ng	98
12) 1,3-Dichlorobenzene	7.693	146	165375	9.358	ng	98
13) 1,4-Dichlorobenzene	7.840	146	166503	9.215	ng	99
14) 1,2-Dichlorobenzene	8.152	146	159098	9.110	ng	99
15) Benzyl Alcohol	8.057	79	135503m	9.153	ng	
16) 2,2'-oxybis(1-Chloropr...	8.334	45	147006	9.198	ng	93
17) 2-Methylphenol	8.263	107	109648	8.541	ng	98
18) Hexachloroethane	8.881	117	58788	9.284	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	101859	8.673	ng	98
20) 3+4-Methylphenols	8.599	107	136700	7.744	ng	93
22) Acetophenone	8.622	105	206162	9.308	ng	# 99
24) Nitrobenzene	8.999	77	154270	9.697	ng	97
25) Isophorone	9.528	82	278090	9.681	ng	99
26) 2-Nitrophenol	9.716	139	69090	8.332	ng	98
27) 2,4-Dimethylphenol	9.793	122	112571	9.621	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	161312	8.625	ng	97
29) 2,4-Dichlorophenol	10.281	162	113623	7.961	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	149582	9.046	ng	100
31) Naphthalene	10.646	128	433425	9.402	ng	100
32) Benzoic acid	9.934	122	67770m	7.408	ng	
33) 4-Chloroaniline	10.775	127	153039	8.136	ng	97
34) Hexachlorobutadiene	10.940	225	100739	8.991	ng	96
35) Caprolactam	11.551	113	41119	8.536	ng	# 82
36) 4-Chloro-3-methylphenol	11.916	107	131402	8.568	ng	98
37) 2-Methylnaphthalene	12.263	142	295051	9.122	ng	98
38) 1-Methylnaphthalene	12.481	142	289403	9.185	ng	97
40) 1,2,4,5-Tetrachloroben...	12.640	216	171890	9.002	ng	97
41) Hexachlorocyclopentadiene	12.622	237	61395	9.125	ng	95
43) 2,4,6-Trichlorophenol	12.887	196	104349	8.244	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009458.D
 Acq On : 18 Mar 2022 16:30
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ--SOIL 10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

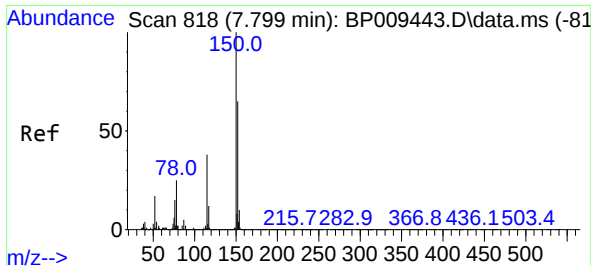
Quant Time: Mar 18 17:31:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 17:04:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

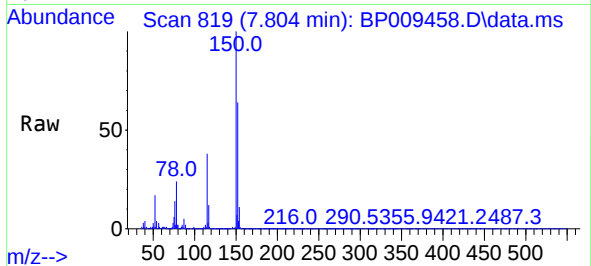
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	110864	8.066	ng	98
46) 1,1'-Biphenyl	13.281	154	416981	9.712	ng	99
47) 2-Chloronaphthalene	13.316	162	313040	9.261	ng	99
48) 2-Nitroaniline	13.534	65	78475	8.524	ng	91
49) Acenaphthylene	14.169	152	519464	9.955	ng	99
50) Dimethylphthalate	13.910	163	400336	9.180	ng	100
51) 2,6-Dinitrotoluene	14.022	165	84829	9.284	ng	96
52) Acenaphthene	14.510	154	290767	9.328	ng	97
53) 3-Nitroaniline	14.363	138	82684	8.567	ng	98
54) 2,4-Dinitrophenol	14.586	184	38462	7.663	ng	98
55) Dibenzofuran	14.845	168	489163	9.341	ng	98
56) 4-Nitrophenol	14.722	139	63739	8.860	ng	94
57) 2,4-Dinitrotoluene	14.822	165	111810	8.899	ng	98
58) Fluorene	15.504	166	387521	9.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	106898	8.579	ng	93
60) Diethylphthalate	15.275	149	396820	9.092	ng	100
61) 4-Chlorophenyl-phenyle...	15.498	204	204228	9.002	ng	97
62) 4-Nitroaniline	15.533	138	81942	8.085	ng	98
63) Azobenzene	15.792	77	344988	9.086	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	67915	8.466	ng	94
66) n-Nitrosodiphenylamine	15.710	169	340654	9.227	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	129396	8.476	ng	96
68) Hexachlorobenzene	16.516	284	157336	8.955	ng	95
69) Atrazine	16.680	200	127967	9.859	ng	96
70) Pentachlorophenol	16.880	266	87601	9.328	ng	94
71) Phenanthrene	17.251	178	636609	9.533	ng	99
72) Anthracene	17.345	178	633316	9.605	ng	98
73) Carbazole	17.627	167	571254	8.859	ng	99
74) Di-n-butylphthalate	18.180	149	663787	8.785	ng	100
75) Fluoranthene	19.233	202	774917	9.585	ng	98
77) Benzidine	19.422	184	399043	11.616	ng	99
78) Pyrene	19.586	202	819981	8.879	ng	99
80) Butylbenzylphthalate	20.469	149	318291	8.109	ng	97
81) Benzo(a)anthracene	21.304	228	851558	9.248	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	326212	9.171	ng	99
83) Chrysene	21.357	228	805797	9.242	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	467164	8.538	ng	99
85) Di-n-octyl phthalate	22.168	149	796773	8.449	ng	98
87) Indeno(1,2,3-cd)pyrene	26.245	276	998770	8.824	ng	95
88) Benzo(b)fluoranthene	22.998	252	872756	9.799	ng	99
89) Benzo(k)fluoranthene	23.045	252	847756	9.721	ng	98
90) Benzo(a)pyrene	23.621	252	836833	10.981	ng	97
91) Dibenzo(a,h)anthracene	26.262	278	871804	9.241	ng #	95
92) Benzo(g,h,i)perylene	27.009	276	866411	9.336	ng #	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

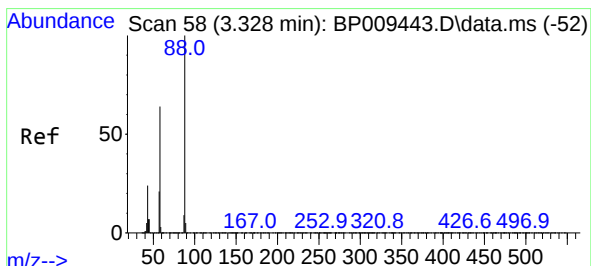
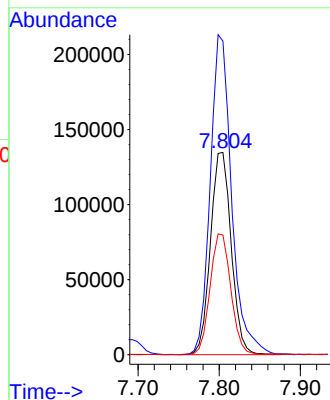
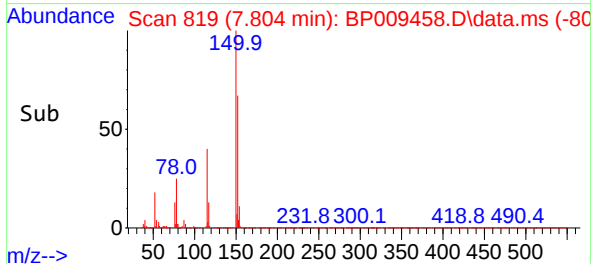
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:152 Resp: 23973
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 59.2 48.2 72.4

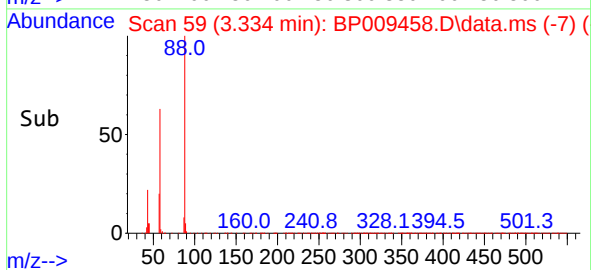
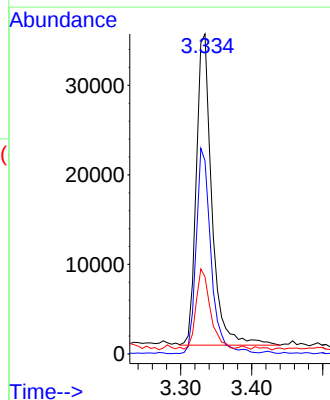
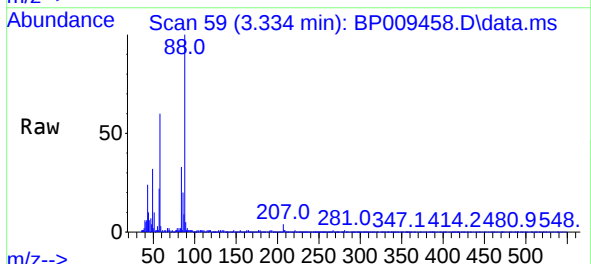
Manual Integrations
APPROVED

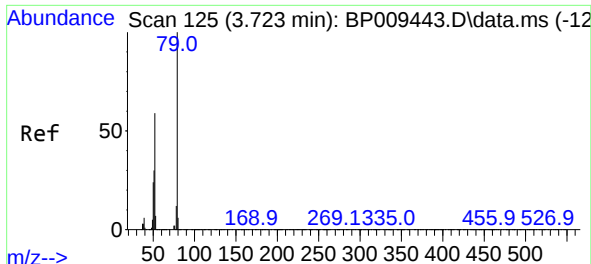
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 9.746 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

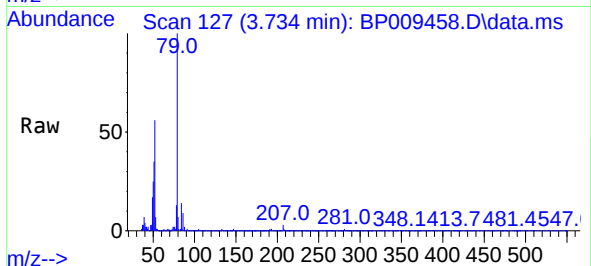
Tgt Ion: 88 Resp: 53002
Ion Ratio Lower Upper
88 100
58 63.0 54.2 81.2
43 24.0 20.4 30.6





#3
Pyridine
Concen: 8.298 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

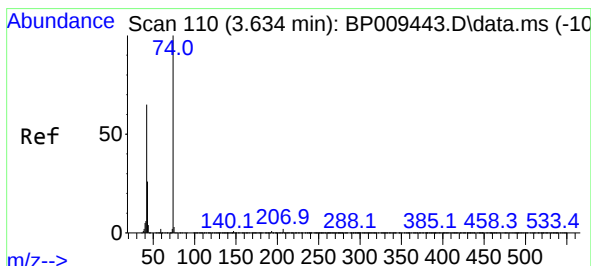
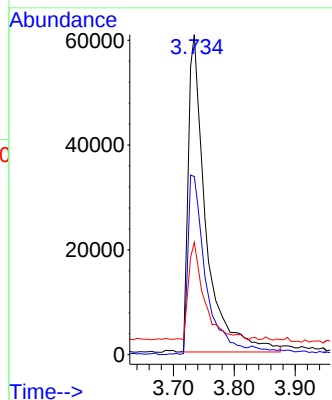
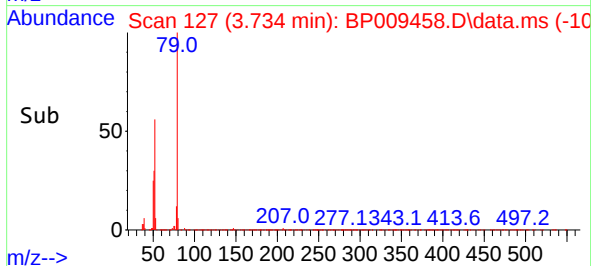
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



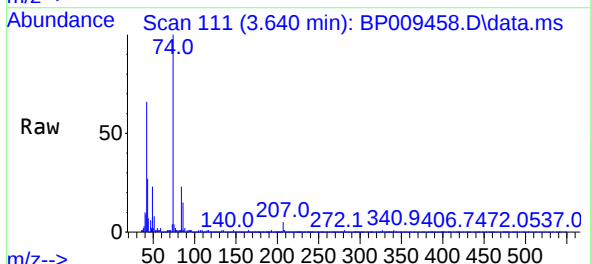
Tgt Ion: 79 Resp: 121544
Ion Ratio Lower Upper
79 100
52 55.7 47.5 71.3
51 35.1 24.1 36.1

Manual Integrations
APPROVED

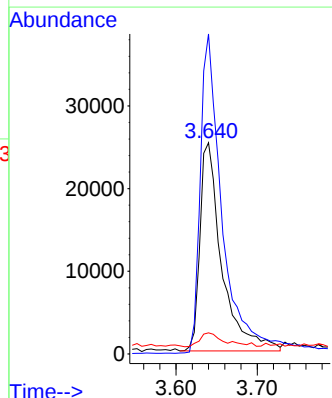
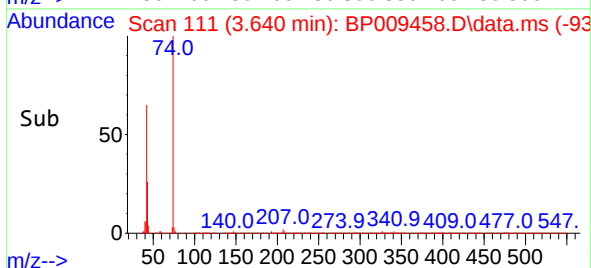
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

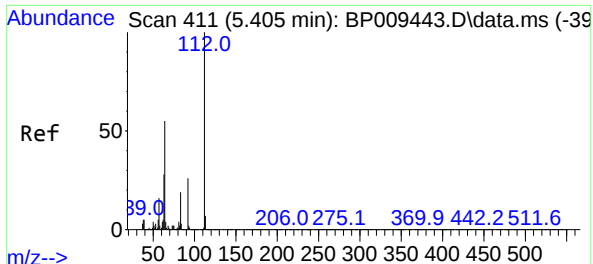


#4
n-Nitrosodimethylamine
Concen: 8.749 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



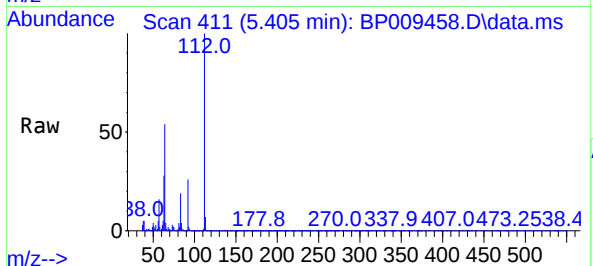
Tgt Ion: 42 Resp: 47197
Ion Ratio Lower Upper
42 100
74 151.6 122.1 183.1
44 10.0 5.8 8.8





#5
2-Fluorophenol
Concen: 126.950 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

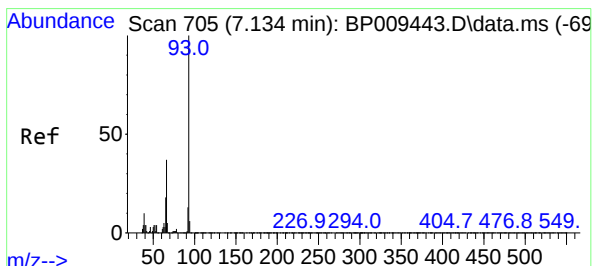
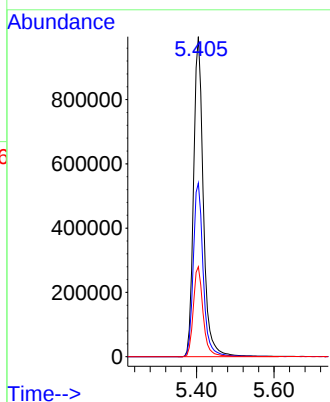
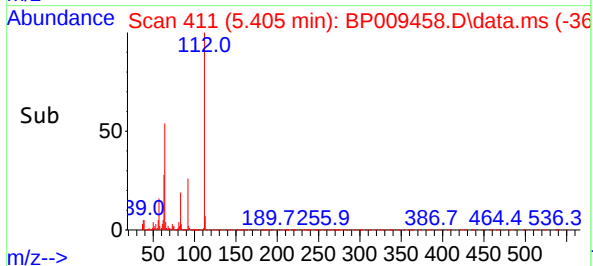
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:112 Resp: 1743120
Ion Ratio Lower Upper
112 100
64 54.3 45.0 67.4
63 28.1 23.0 34.6

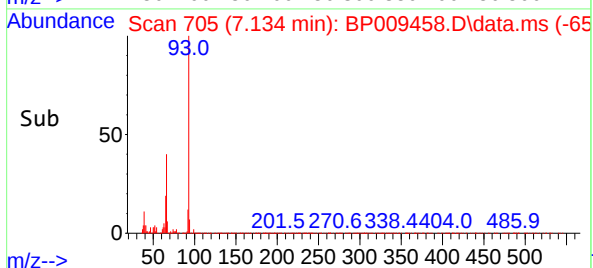
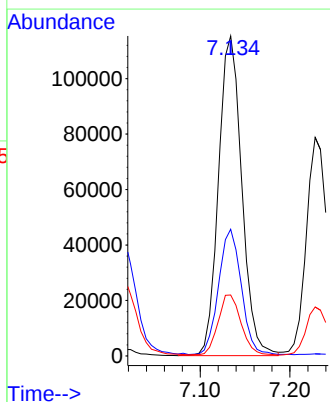
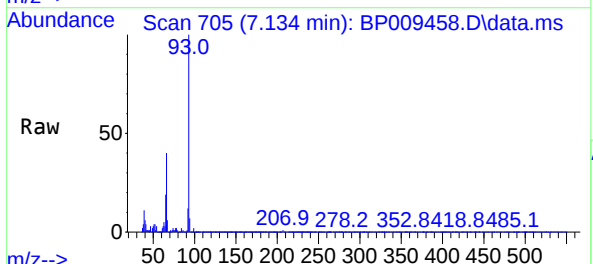
Manual Integrations
APPROVED

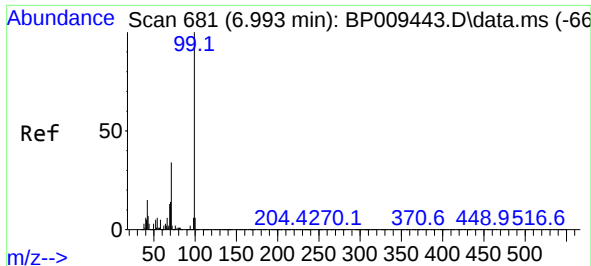
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#6
Aniline
Concen: 9.800 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

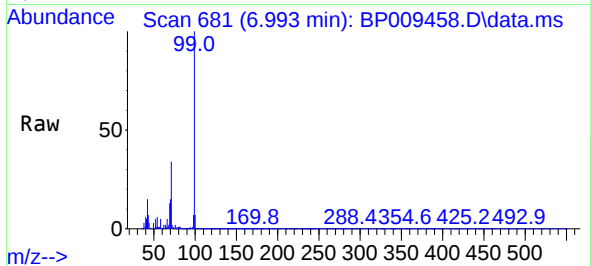
Tgt Ion: 93 Resp: 207399
Ion Ratio Lower Upper
93 100
66 39.6 30.9 46.3
65 19.1 15.8 23.8





#7
Phenol-d6
Concen: 118.408 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

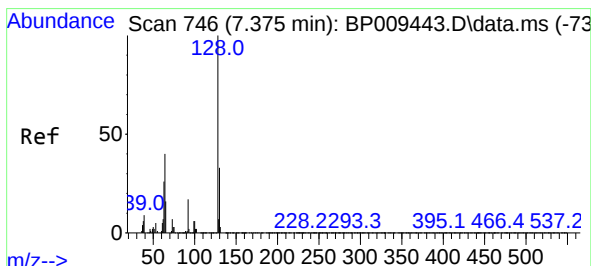
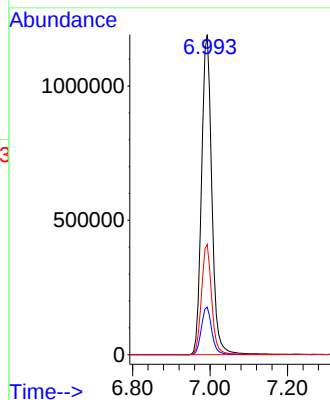
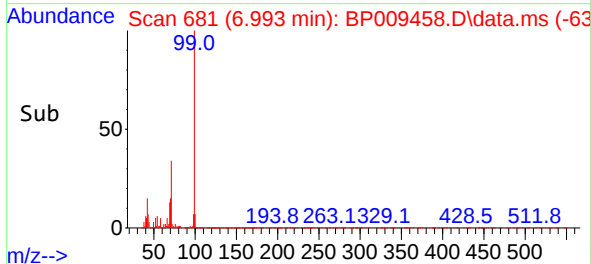
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



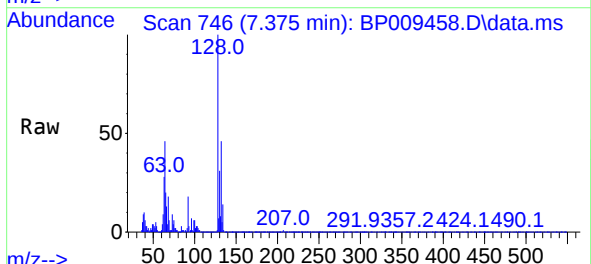
Tgt Ion: 99 Resp: 2198714
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 34.4 26.3 39.5

Manual Integrations
APPROVED

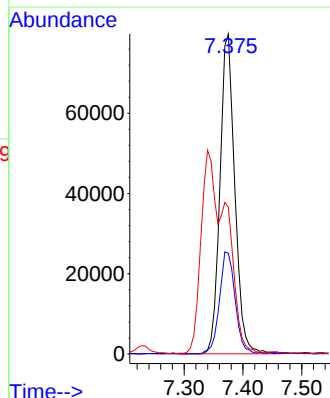
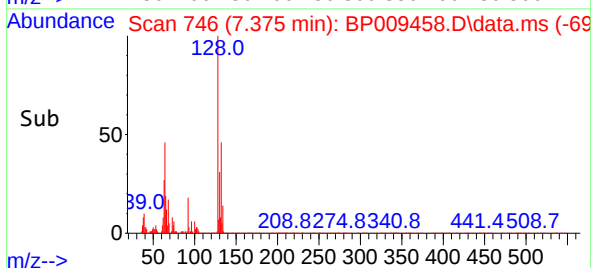
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

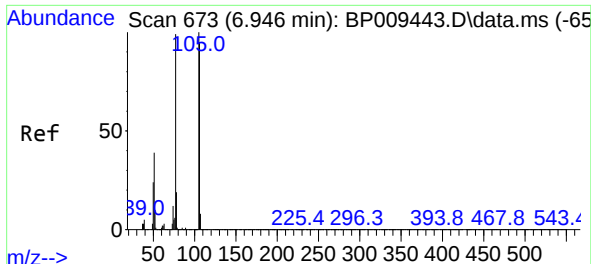


#8
2-Chlorophenol
Concen: 8.952 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



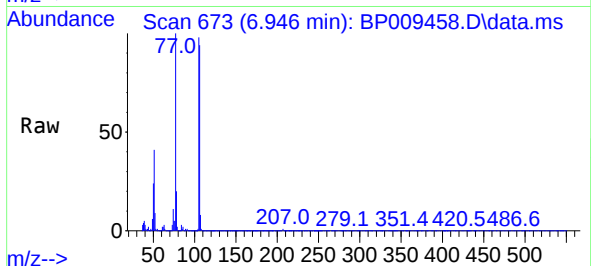
Tgt Ion:128 Resp: 140166
Ion Ratio Lower Upper
128 100
130 31.5 12.5 52.5
64 45.9 26.2 66.2





#9
Benzaldehyde
Concen: 12.296 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

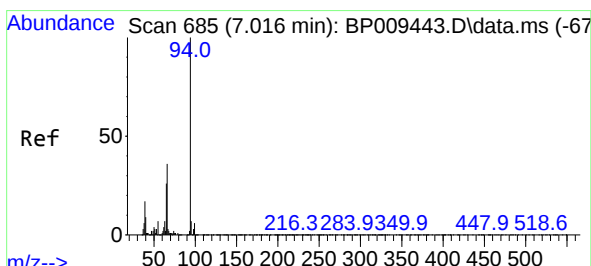
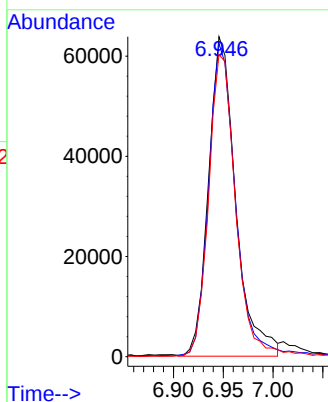
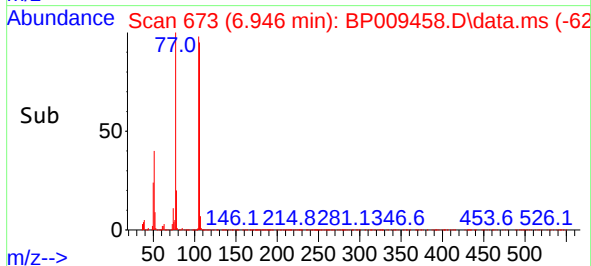
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



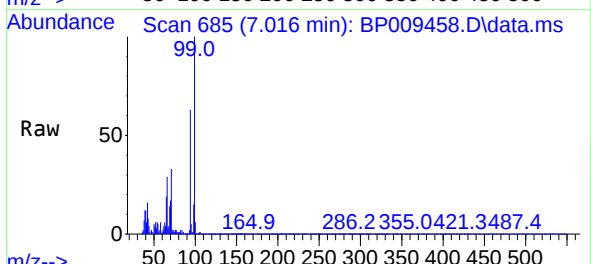
Tgt Ion: 77 Resp: 12101
Ion Ratio Lower Upper
77 100
105 97.9 75.2 115.2
106 94.4 72.3 112.3

Manual Integrations
APPROVED

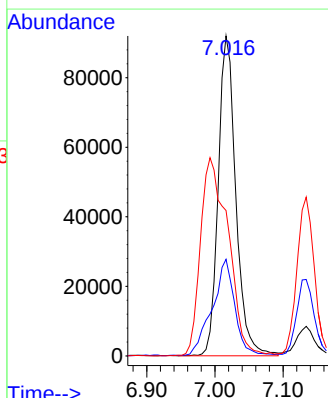
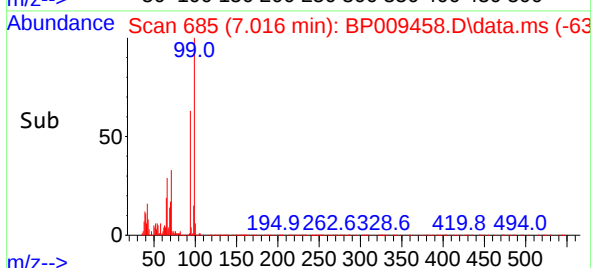
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

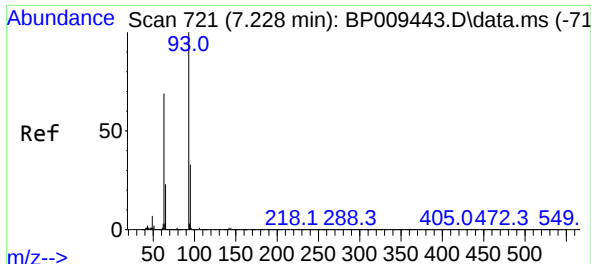


#10
Phenol
Concen: 8.872 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



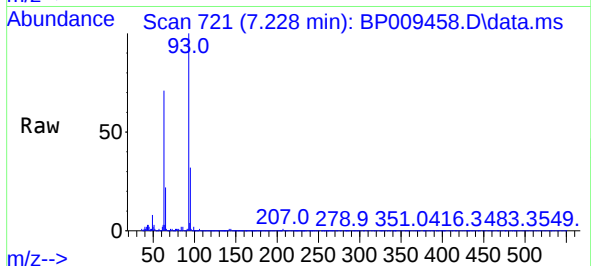
Tgt Ion: 94 Resp: 165283
Ion Ratio Lower Upper
94 100
65 30.2 7.2 47.2
66 45.5 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 9.190 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

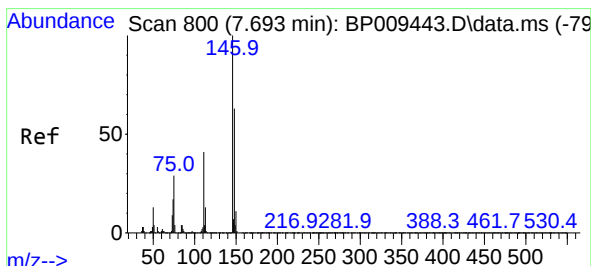
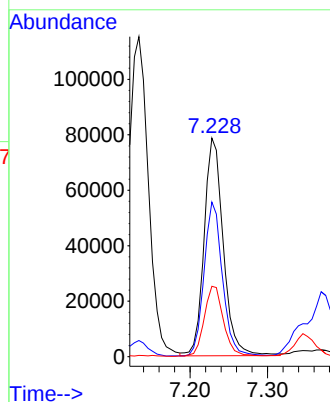
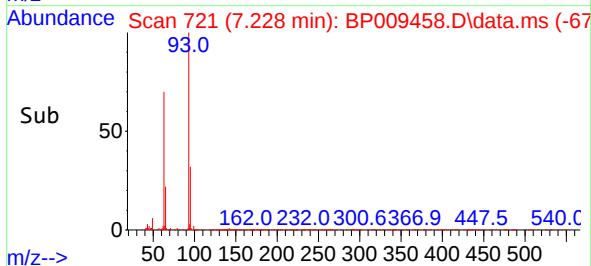
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



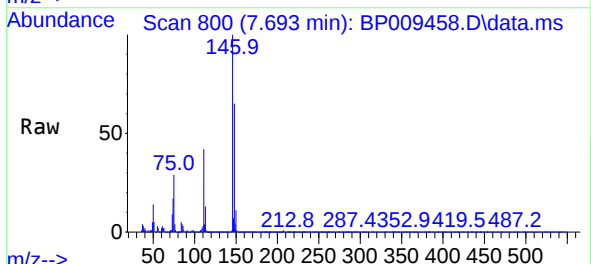
Tgt Ion: 93 Resp: 135494
Ion Ratio Lower Upper
93 100
63 70.7 53.5 93.5
95 32.2 12.0 52.0

Manual Integrations
APPROVED

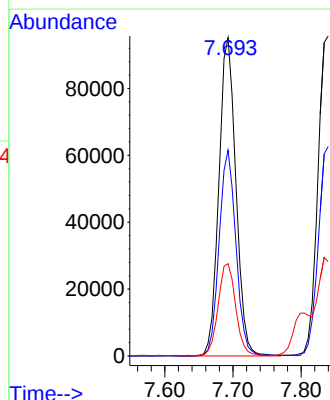
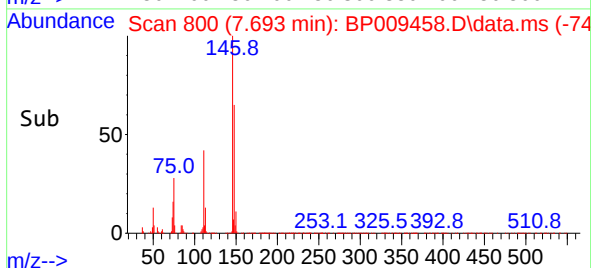
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

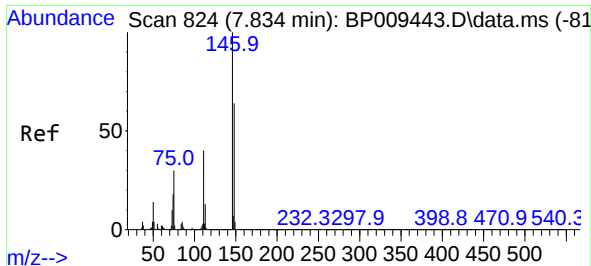


#12
1,3-Dichlorobenzene
Concen: 9.358 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



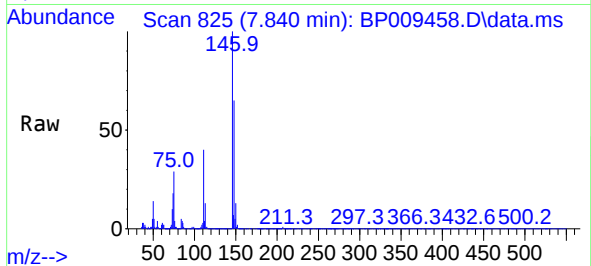
Tgt Ion:146 Resp: 165375
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 29.0 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 9.215 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

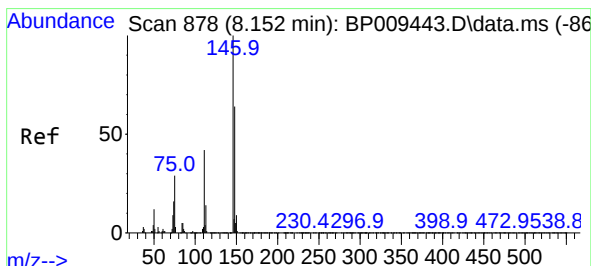
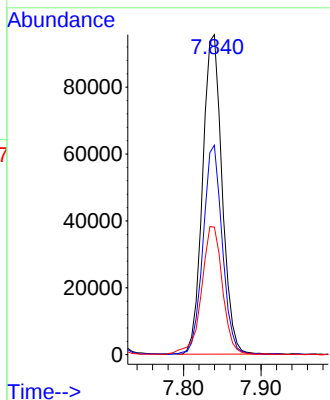
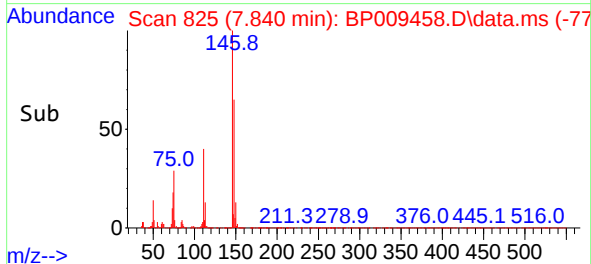
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



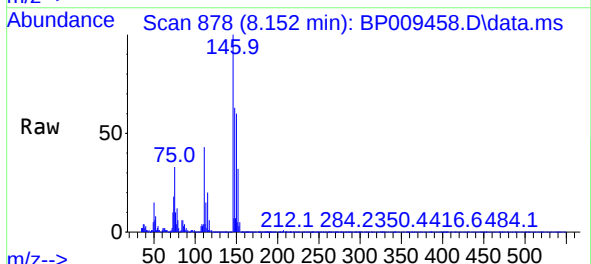
Tgt Ion:146 Resp: 16650
Ion Ratio Lower Upper
146 100
148 65.5 51.1 76.7
111 39.9 32.1 48.1

Manual Integrations
APPROVED

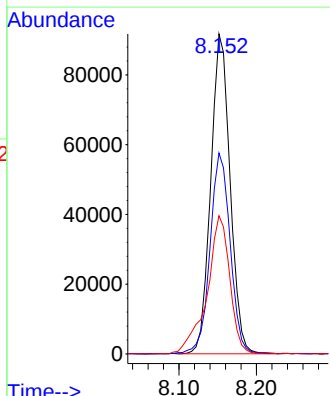
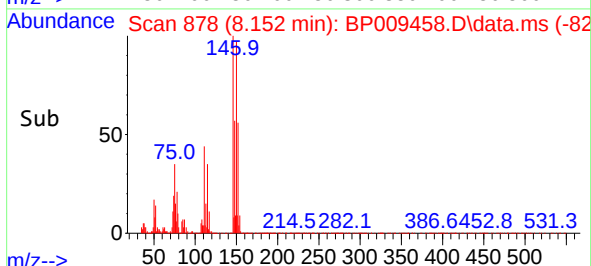
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

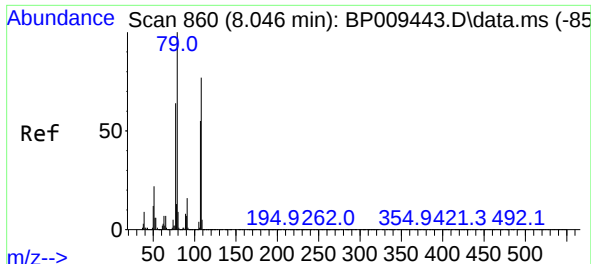


#14
1,2-Dichlorobenzene
Concen: 9.110 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



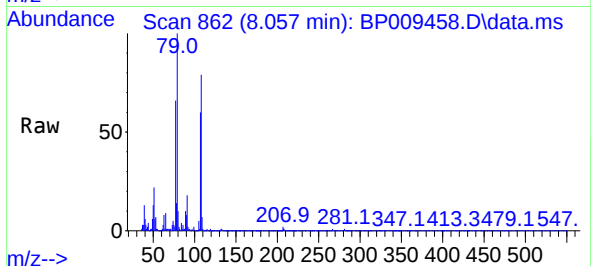
Tgt Ion:146 Resp: 159098
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 43.2 34.1 51.1





#15
Benzyl Alcohol
Concen: 9.153 ng m
RT: 8.057 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

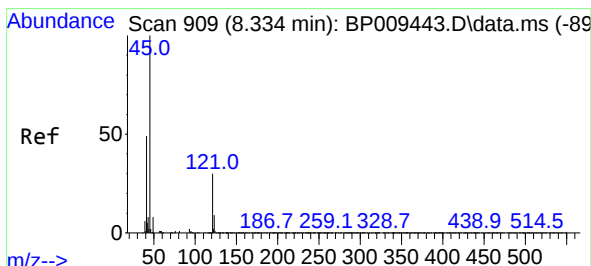
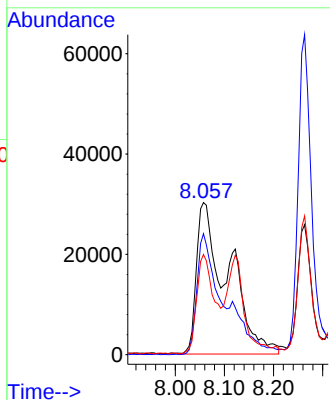
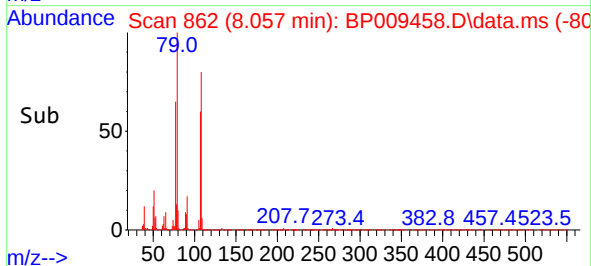
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 79 Resp: 13550
Ion Ratio Lower Upper
79 100
108 79.5 62.5 93.7
77 65.8 51.7 77.5

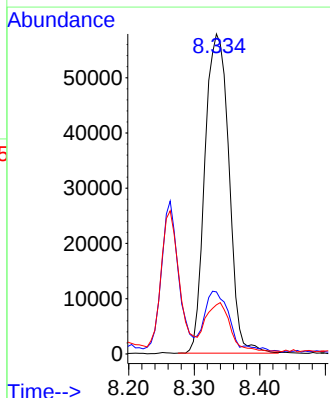
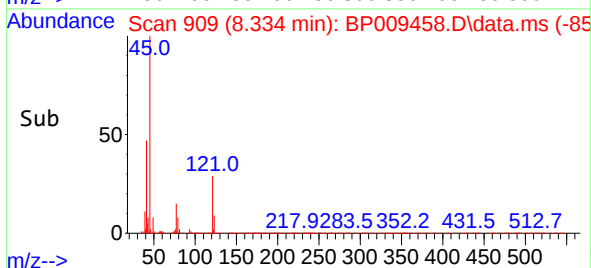
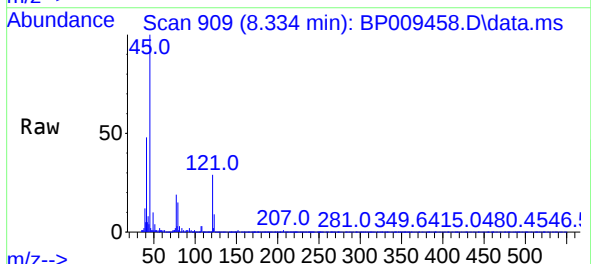
Manual Integrations
APPROVED

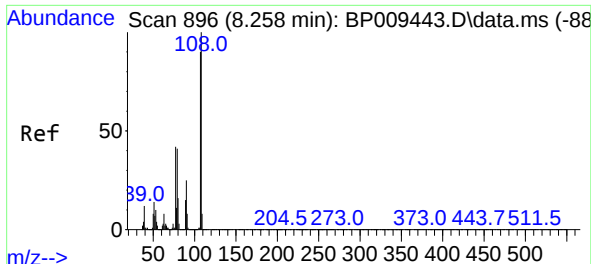
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.198 ng
RT: 8.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

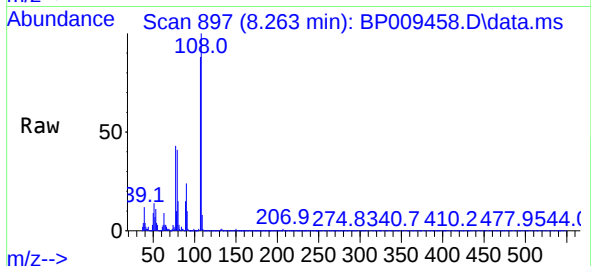
Tgt Ion: 45 Resp: 147006
Ion Ratio Lower Upper
45 100
77 19.4 0.0 36.5
79 15.4 0.0 32.4





#17
2-Methylphenol
Concen: 8.541 ng
RT: 8.263 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

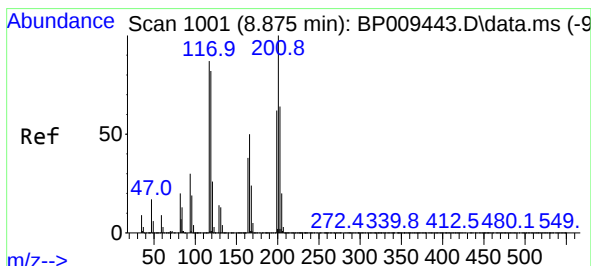
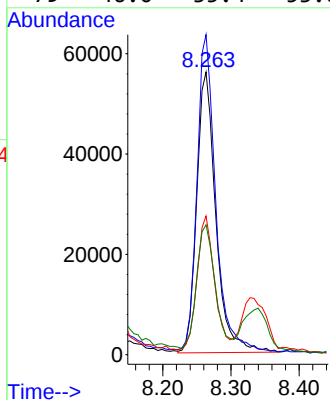
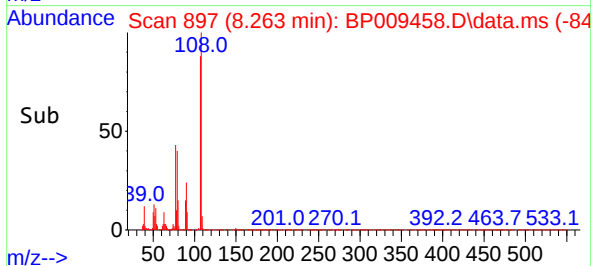


Tgt Ion:107 Resp: 10964

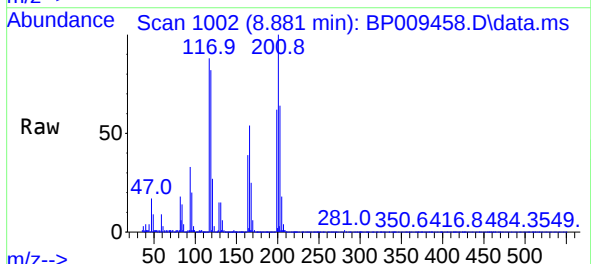
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.2	135.2
77	49.1	36.3	54.5
79	46.0	35.4	53.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

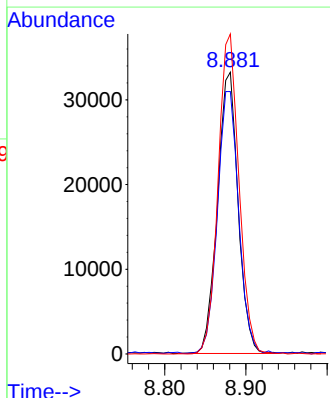
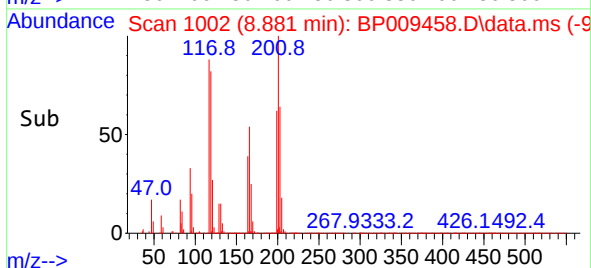


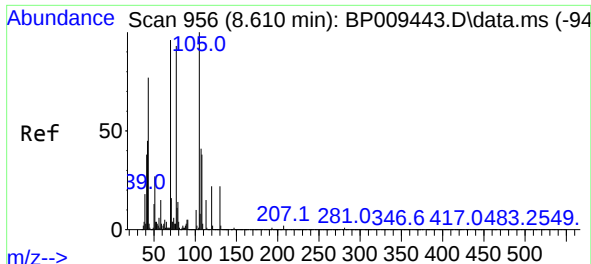
#18
Hexachloroethane
Concen: 9.284 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion:117 Resp: 58788

Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.4	114.6
201	113.6	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 8.673 ng

RT: 8.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP009458.D

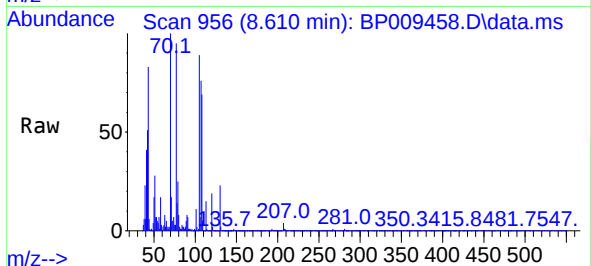
Acq: 18 Mar 2022 16:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT1-2022



Tgt Ion: 70 Resp: 10185

Ion Ratio Lower Upper

70 100

42 51.1 41.0 61.4

101 10.8 7.9 11.9

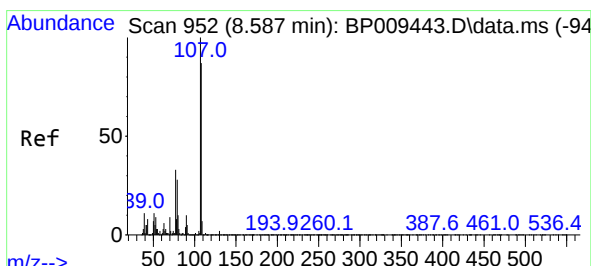
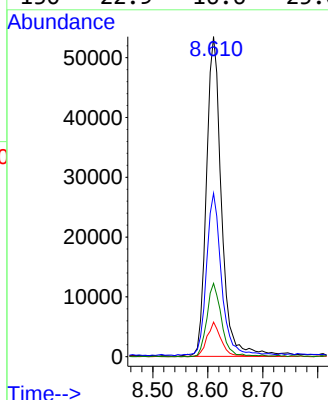
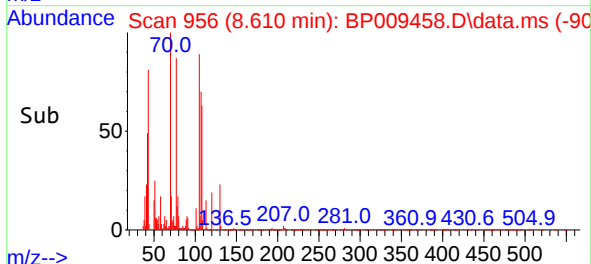
130 22.9 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#20

3+4-Methylphenols

Concen: 7.744 ng

RT: 8.599 min Scan# 954

Delta R.T. 0.012 min

Lab File: BP009458.D

Acq: 18 Mar 2022 16:30

Tgt Ion:107 Resp: 136700

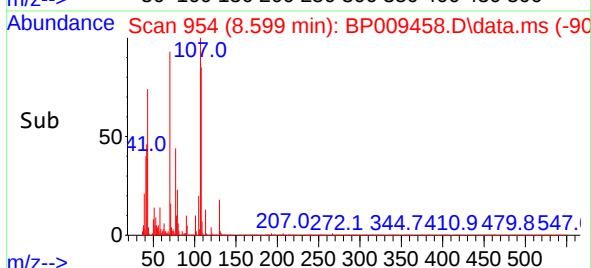
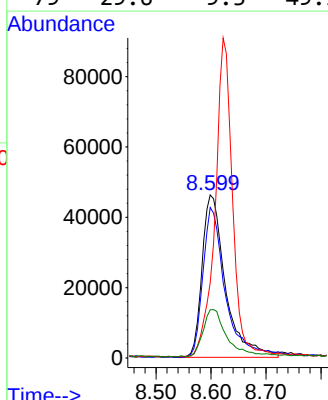
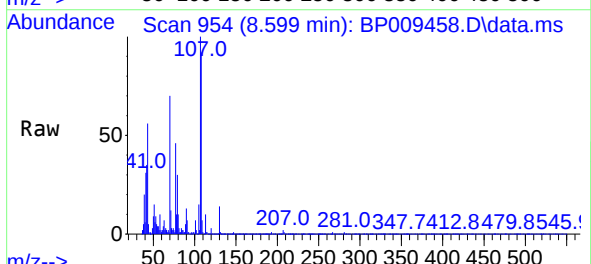
Ion Ratio Lower Upper

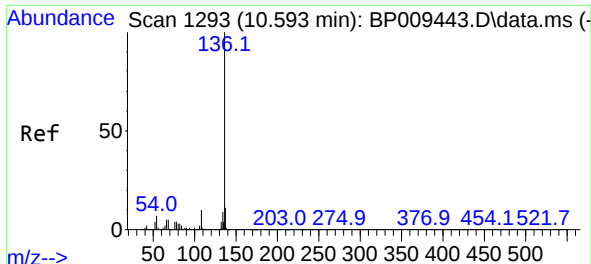
107 100

108 92.2 69.4 109.4

77 46.1 13.6 53.6

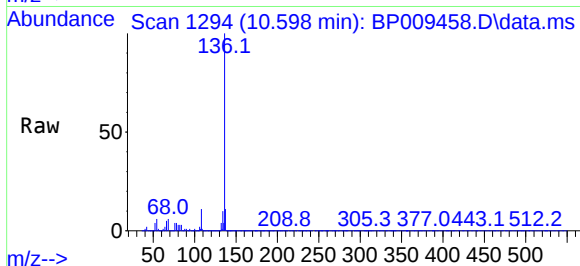
79 29.6 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1293
Delta R.T. 0.005 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

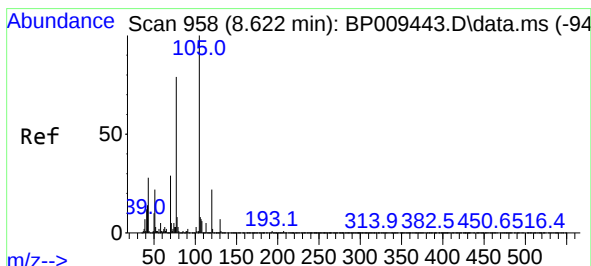
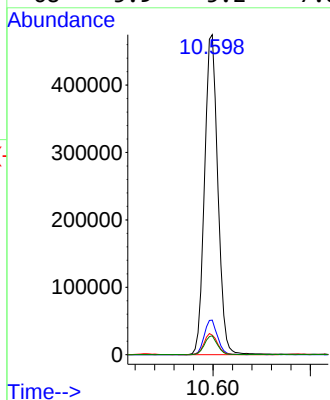
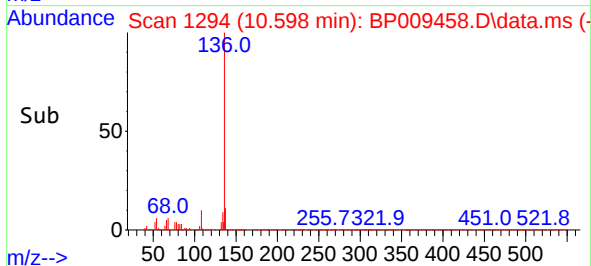
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



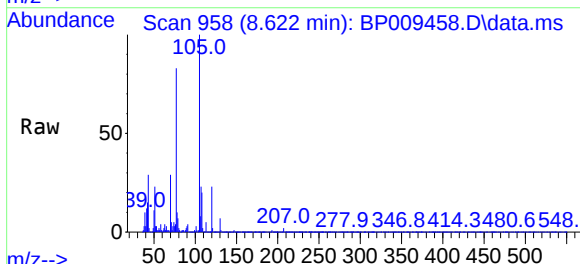
Tgt Ion:136 Resp: 894910
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.1 5.8 8.8
68 5.9 5.2 7.8

Manual Integrations
APPROVED

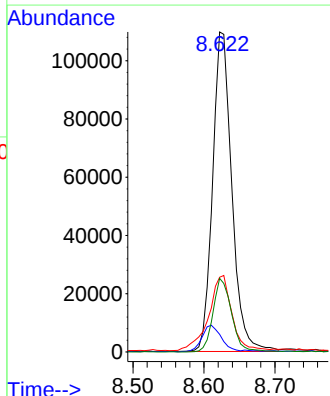
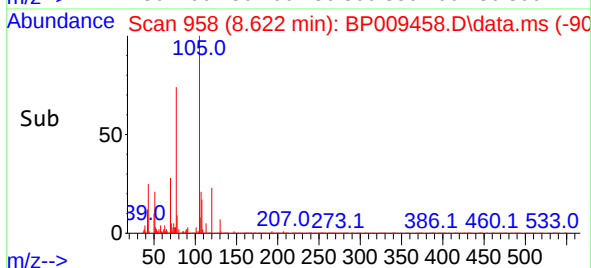
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

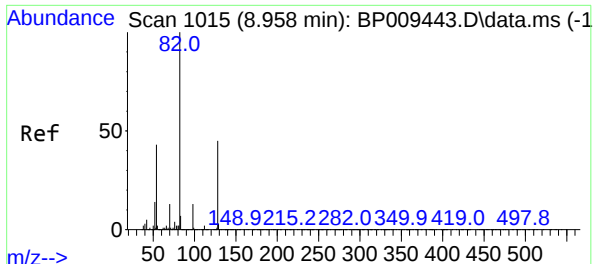


#22
Acetophenone
Concen: 9.308 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion:105 Resp: 206162
Ion Ratio Lower Upper
105 100
71 5.5 5.5 8.3#
51 23.3 18.9 28.3
120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 82.171 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BP009458.D

Acq: 18 Mar 2022 16:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 82 Resp: 138380

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

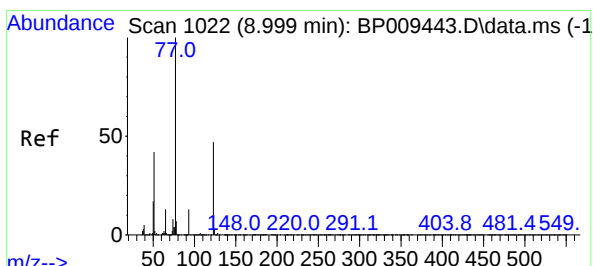
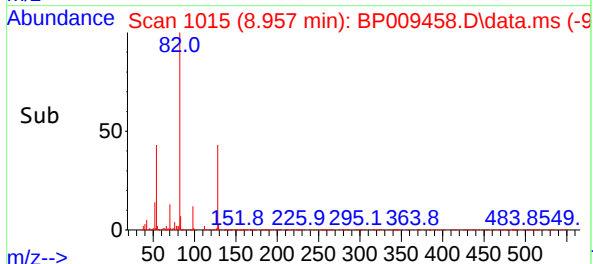
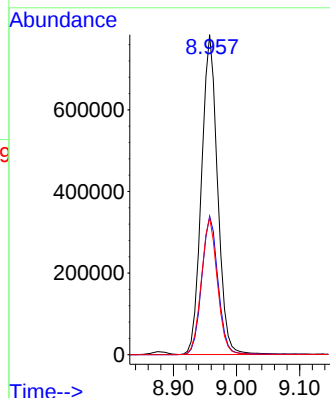
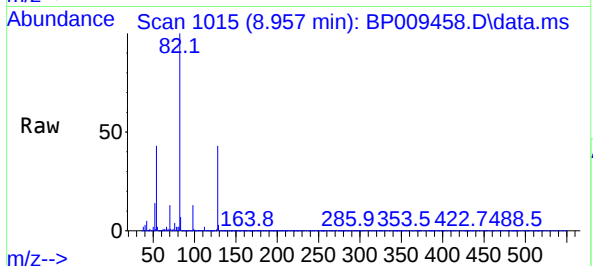
54 42.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#24

Nitrobenzene

Concen: 9.697 ng

RT: 8.999 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BP009458.D

Acq: 18 Mar 2022 16:30

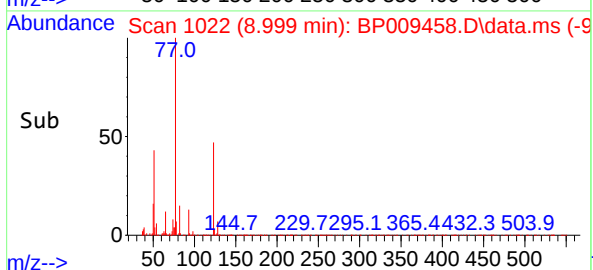
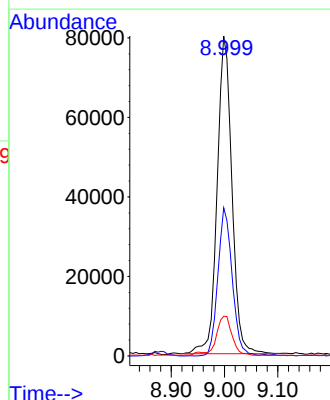
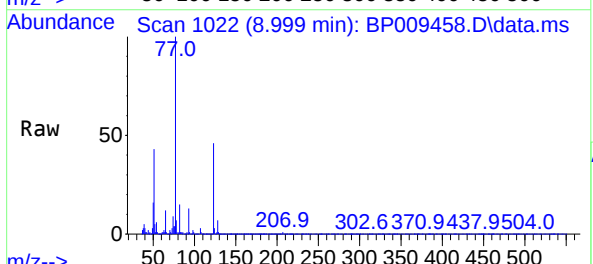
Tgt Ion: 77 Resp: 154270

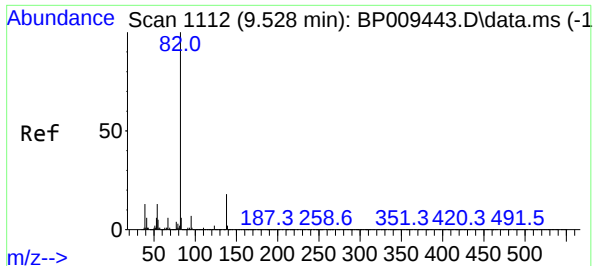
Ion Ratio Lower Upper

77 100

123 46.3 35.5 53.3

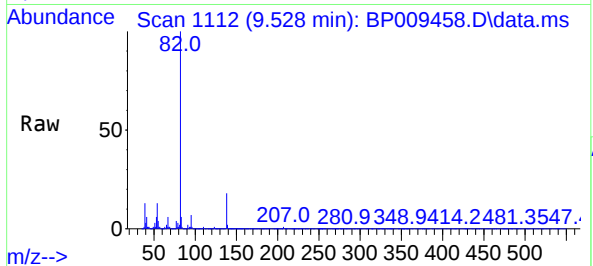
65 12.4 10.3 15.5





#25
Isophorone
Concen: 9.681 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

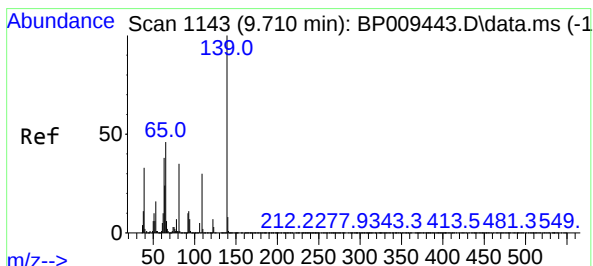
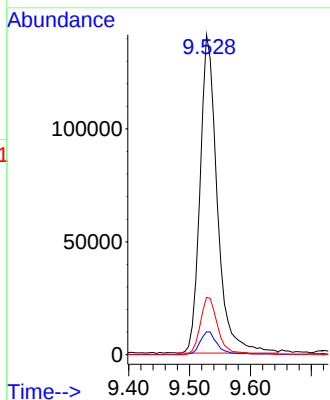
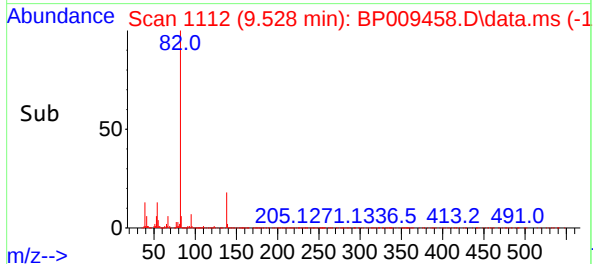
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 82 Resp: 278090
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.9 13.8 20.8

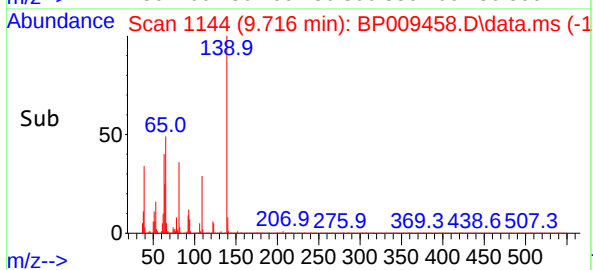
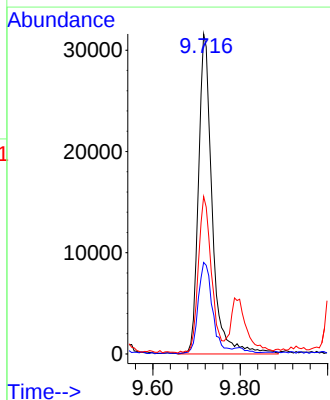
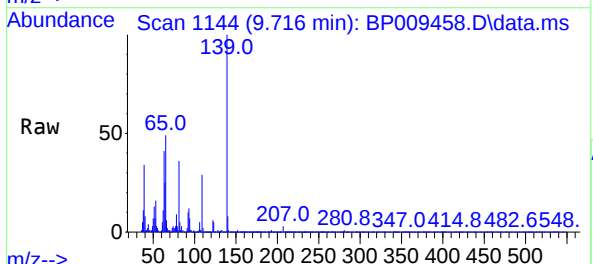
Manual Integrations
APPROVED

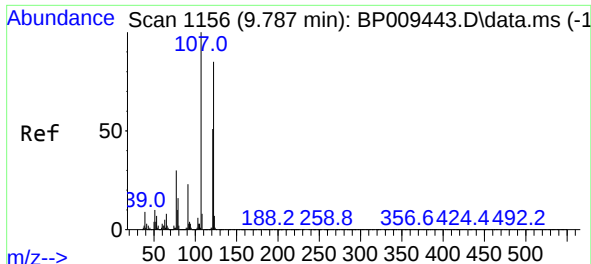
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
2-Nitrophenol
Concen: 8.332 ng
RT: 9.716 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

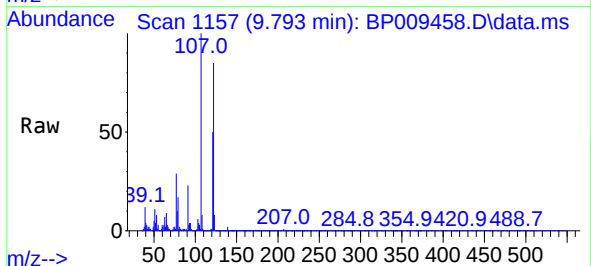
Tgt Ion:139 Resp: 69090
Ion Ratio Lower Upper
139 100
109 28.6 23.4 35.0
65 49.2 41.0 61.6





#27
2,4-Dimethylphenol
Concen: 9.621 ng
RT: 9.793 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

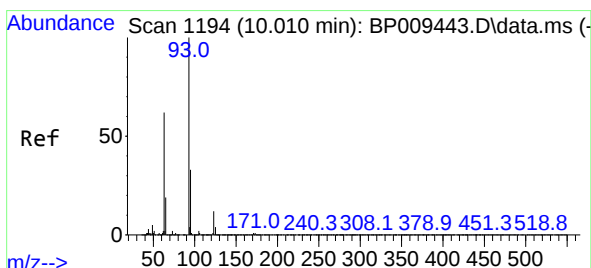
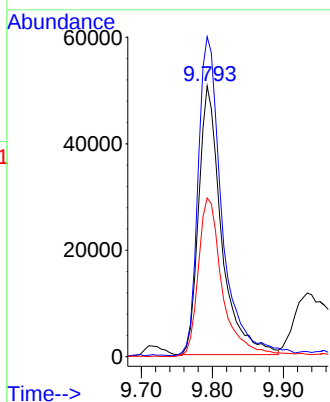
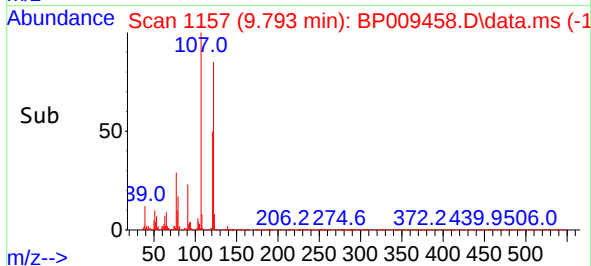
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:122 Resp: 11257
Ion Ratio Lower Upper
122 100
107 118.2 92.6 138.8
121 58.6 46.7 70.1

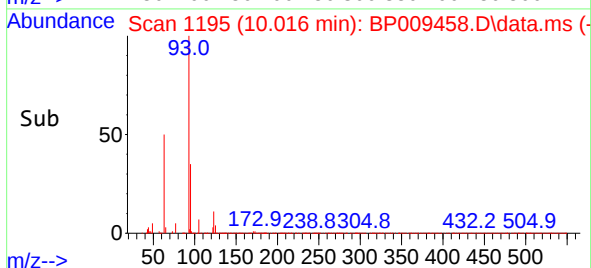
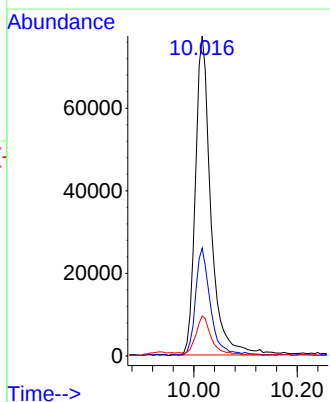
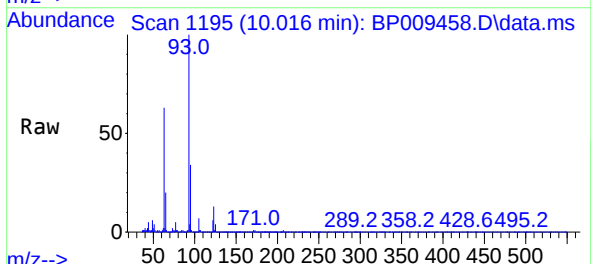
Manual Integrations
APPROVED

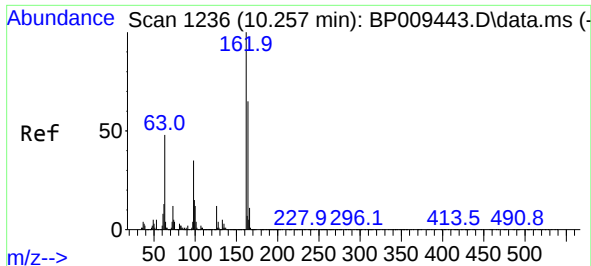
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 8.625 ng
RT: 10.016 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Tgt Ion: 93 Resp: 161312
Ion Ratio Lower Upper
93 100
95 33.7 25.5 38.3
123 12.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 7.961 ng

RT: 10.281 min Scan# 11362

Delta R.T. 0.023 min

Lab File: BP009458.D

Acq: 18 Mar 2022 16:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT1-2022

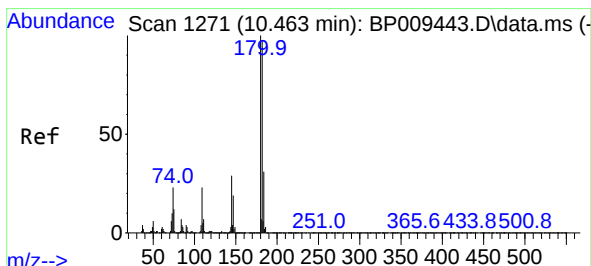
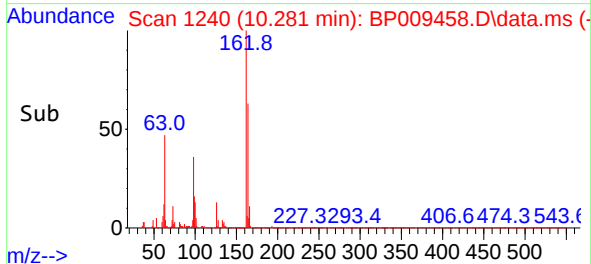
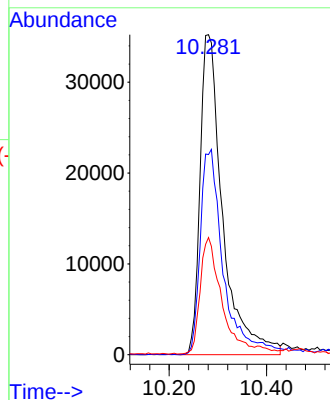
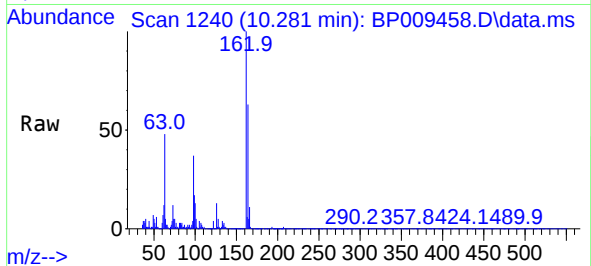
Tgt Ion:	162	Resp:	11362
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.3	84.3
98	36.6	15.6	55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 9.046 ng

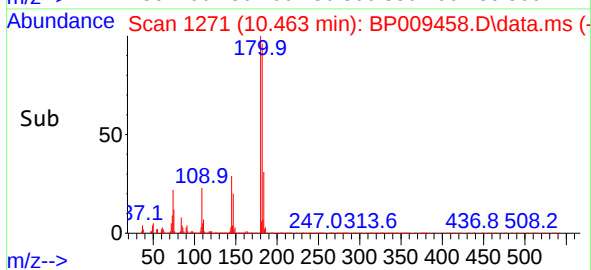
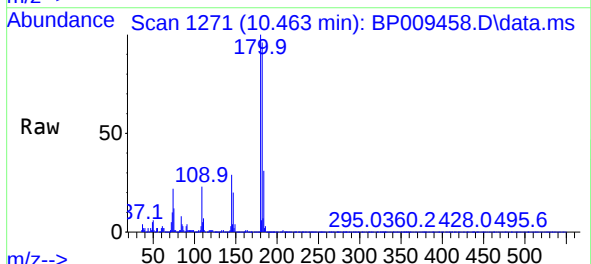
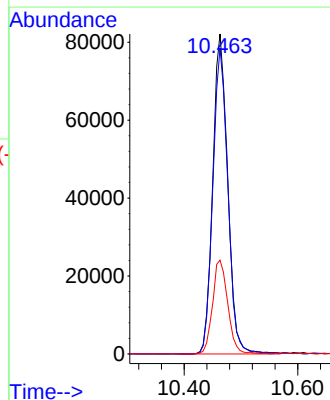
RT: 10.463 min Scan# 1271

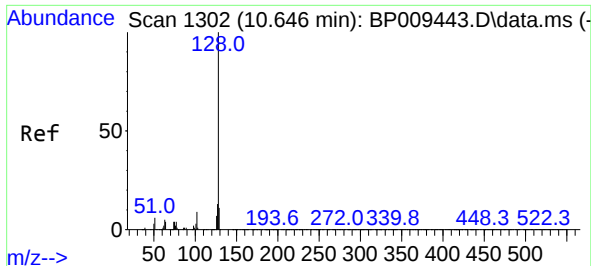
Delta R.T. -0.000 min

Lab File: BP009458.D

Acq: 18 Mar 2022 16:30

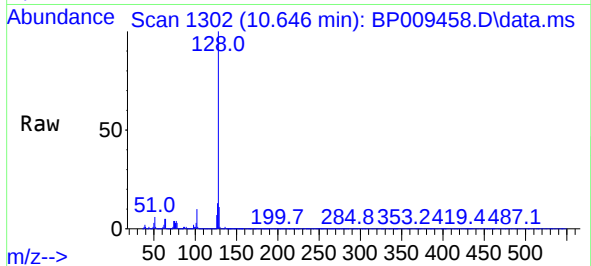
Tgt Ion:	180	Resp:	149582
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.4	114.6
145	29.3	23.8	35.6





#31
Naphthalene
Concen: 9.402 ng
RT: 10.646 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

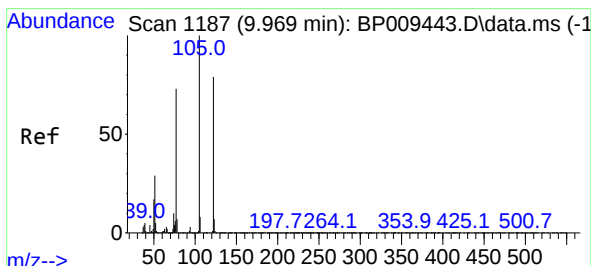
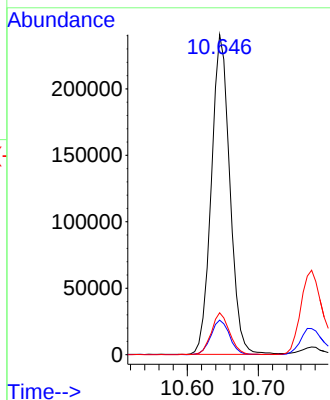
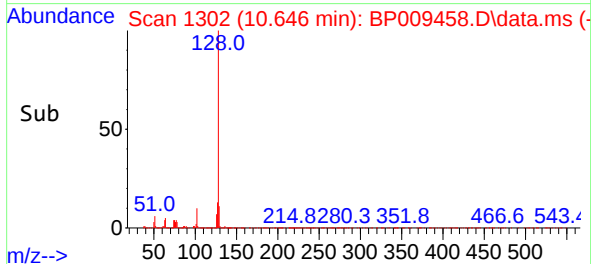
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:128 Resp: 433425
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.5 15.7

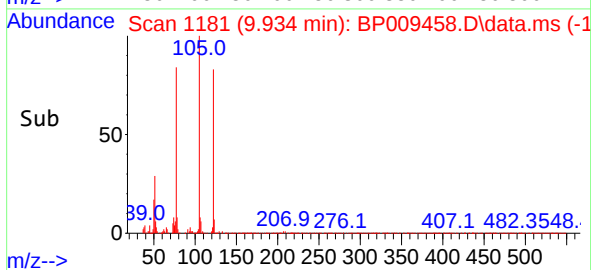
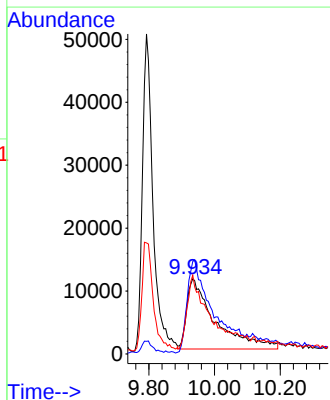
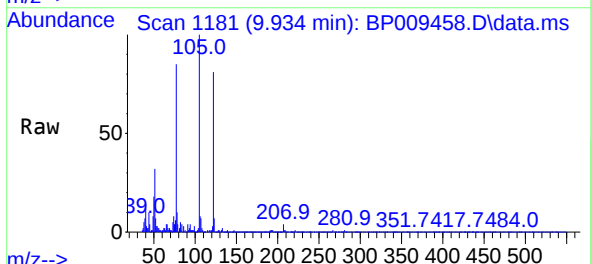
Manual Integrations
APPROVED

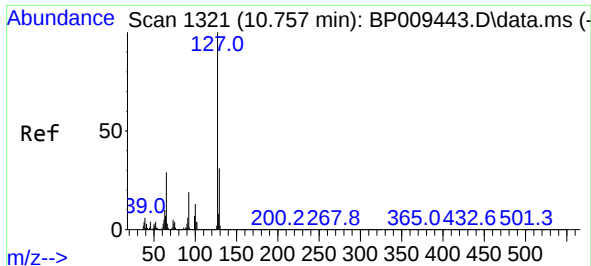
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 7.408 ng m
RT: 9.934 min Scan# 1181
Delta R.T. -0.035 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

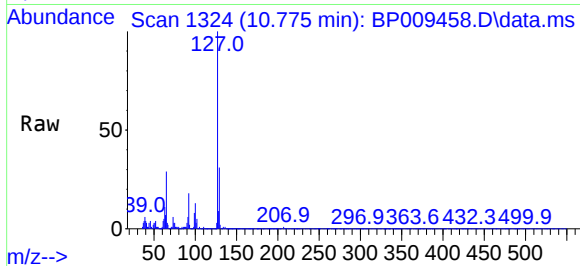
Tgt Ion:122 Resp: 67770
Ion Ratio Lower Upper
122 100
105 123.0 110.5 150.5
77 104.6 79.9 119.9





#33
4-Chloroaniline
Concen: 8.136 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.017 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

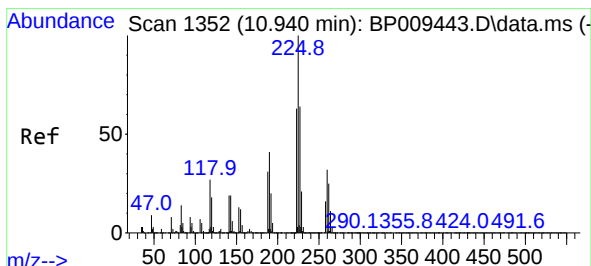
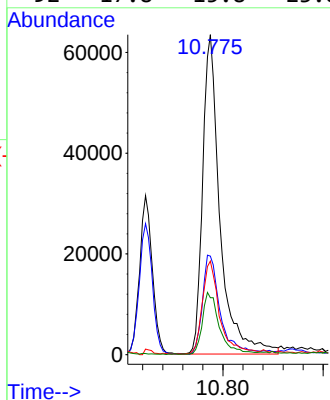
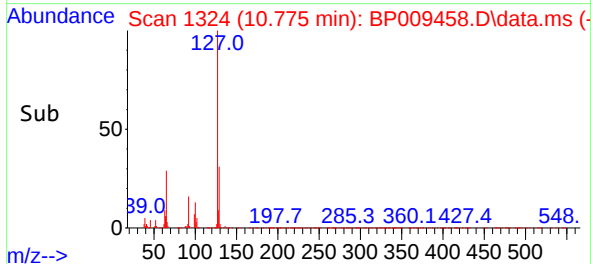
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:127 Resp: 153039
Ion Ratio Lower Upper
127 100
129 30.8 25.5 38.3
65 29.3 24.3 36.5
92 17.8 15.8 23.8

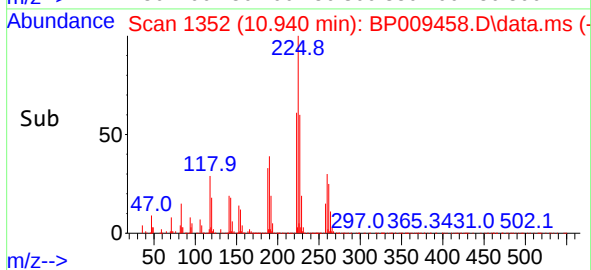
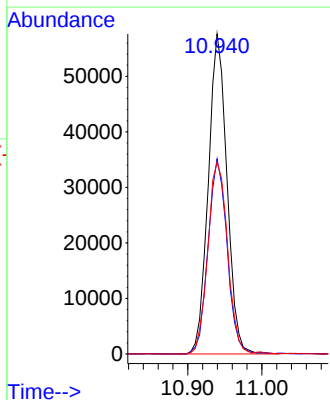
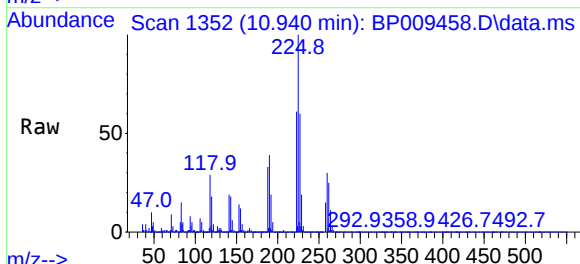
Manual Integrations
APPROVED

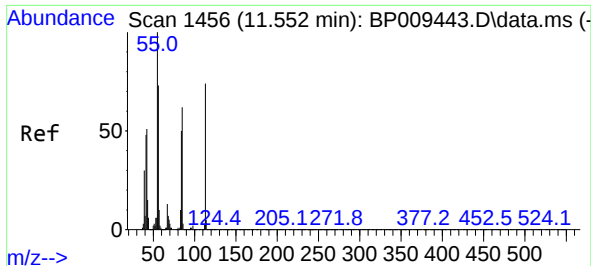
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 8.991 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

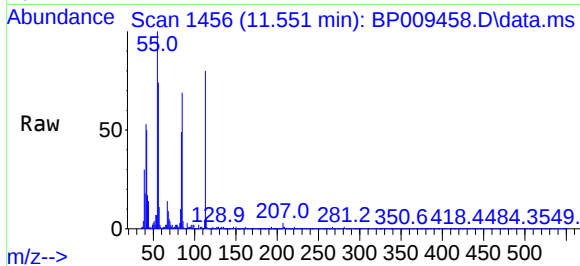
Tgt Ion:225 Resp: 100739
Ion Ratio Lower Upper
225 100
223 60.9 50.5 75.7
227 59.9 51.2 76.8





#35
Caprolactam
Concen: 8.536 ng
RT: 11.551 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

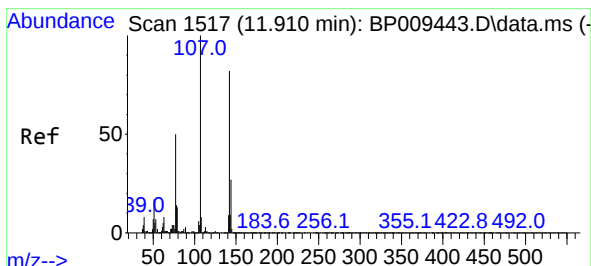
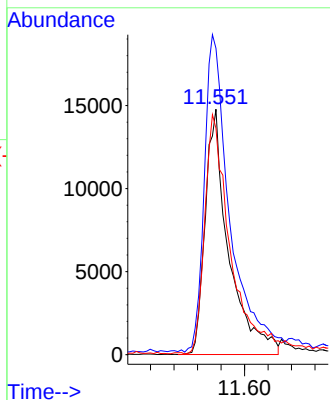
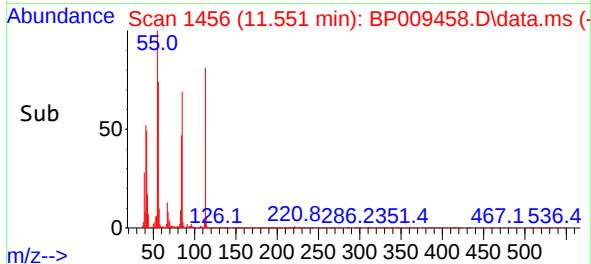
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



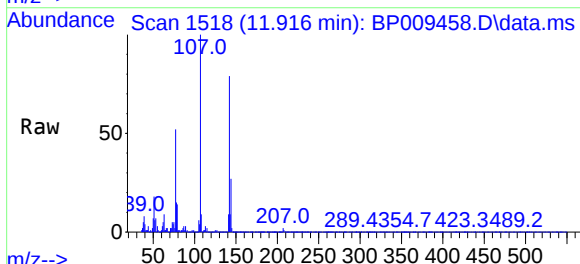
Tgt Ion:113 Resp: 41119
Ion Ratio Lower Upper
113 100
55 124.9 128.4 168.4
56 92.2 90.9 130.9

Manual Integrations
APPROVED

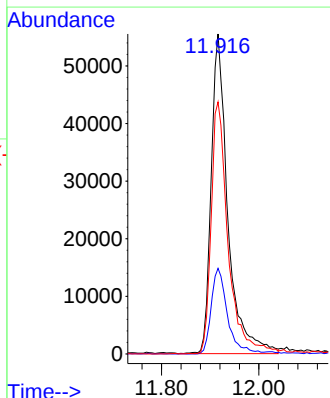
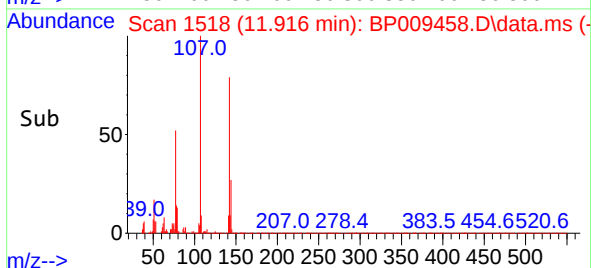
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

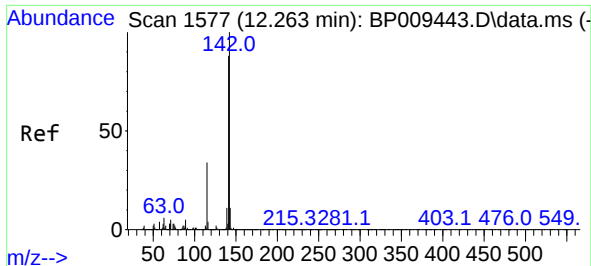


#36
4-Chloro-3-methylphenol
Concen: 8.568 ng
RT: 11.916 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



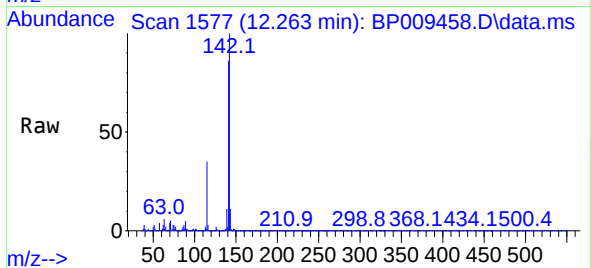
Tgt Ion:107 Resp: 131402
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.4
142 78.7 64.9 97.3





#37
2-Methylnaphthalene
Concen: 9.122 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

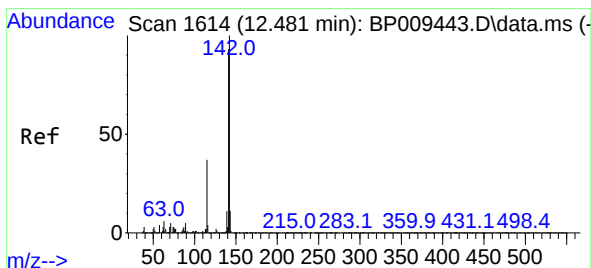
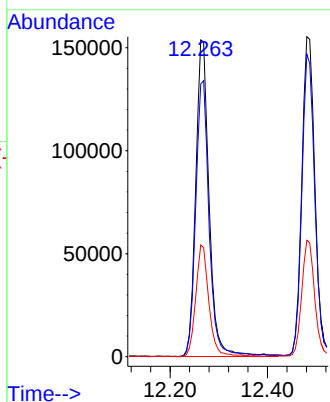
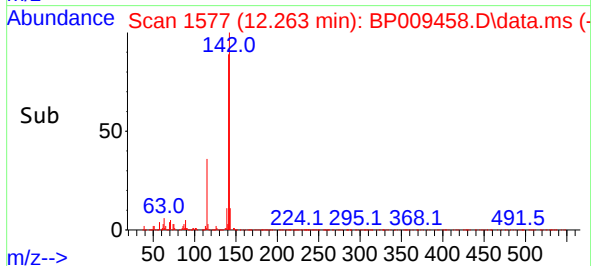
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



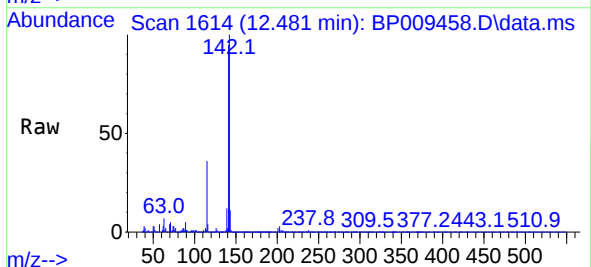
Tgt Ion:142 Resp: 29505
Ion Ratio Lower Upper
142 100
141 86.1 70.2 105.4
115 35.2 27.4 41.2

Manual Integrations
APPROVED

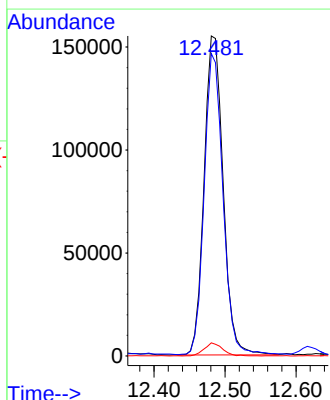
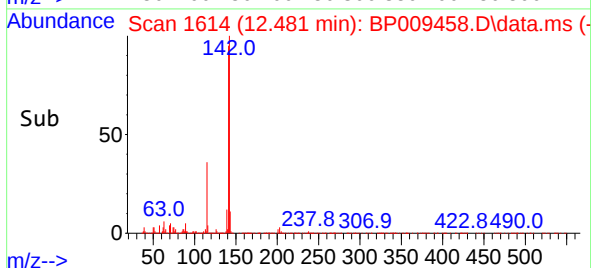
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

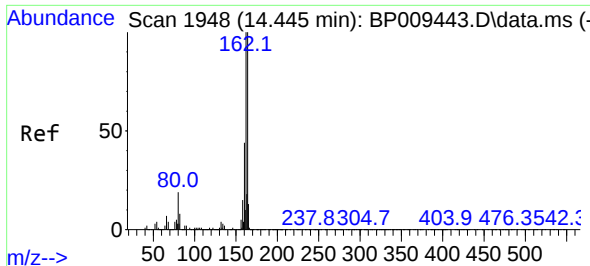


#38
1-Methylnaphthalene
Concen: 9.185 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



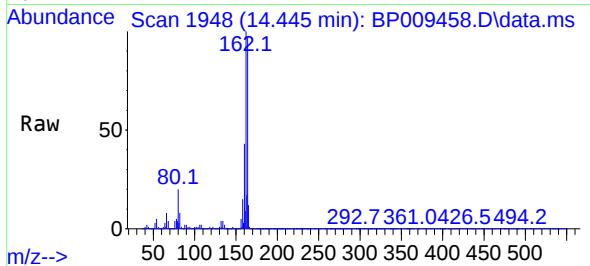
Tgt Ion:142 Resp: 289403
Ion Ratio Lower Upper
142 100
141 94.5 73.5 110.3
116 4.1 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

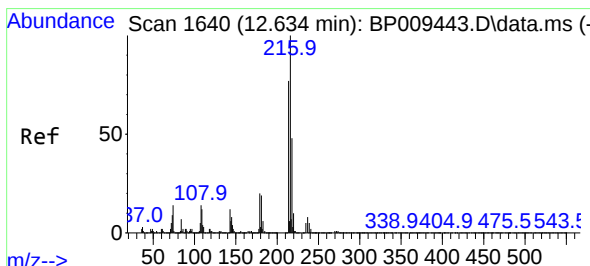
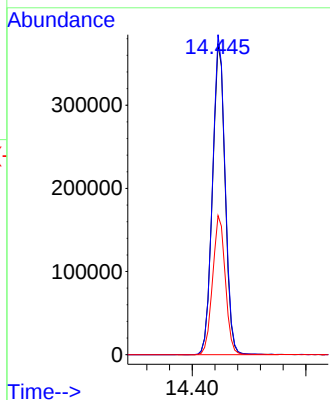
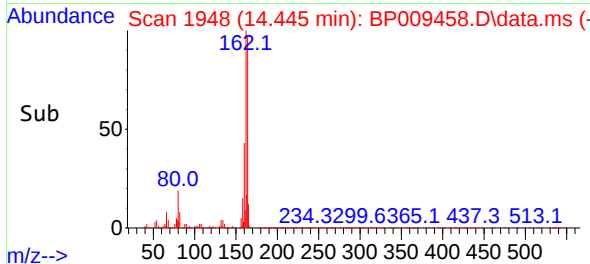
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



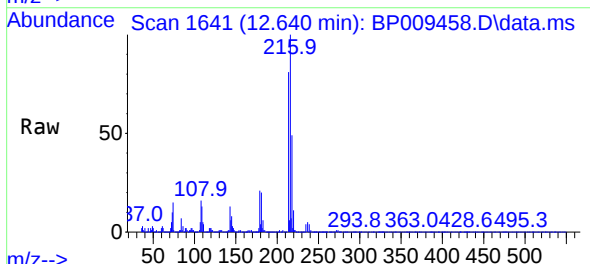
Tgt Ion:164 Resp: 57553
Ion Ratio Lower Upper
164 100
162 102.9 79.1 118.7
160 44.7 34.9 52.3

Manual Integrations
APPROVED

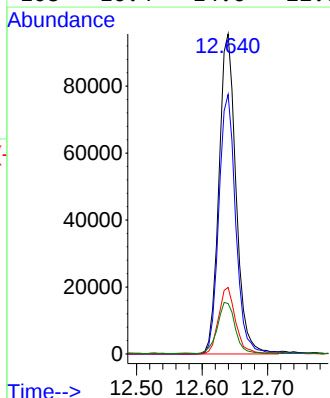
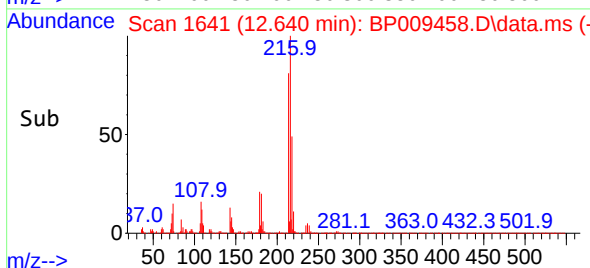
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

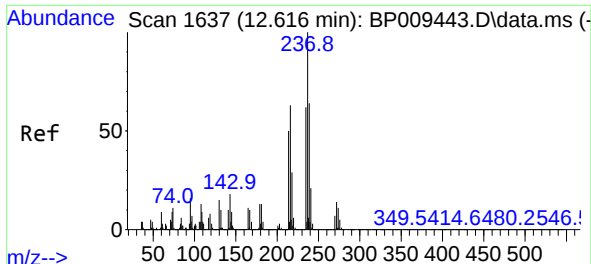


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.002 ng
RT: 12.640 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



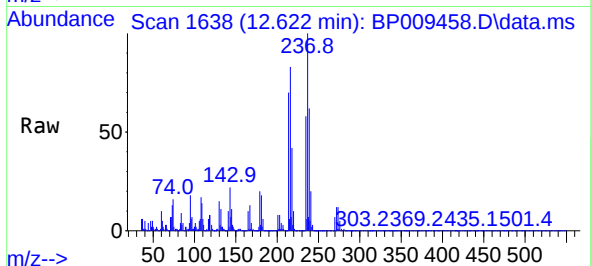
Tgt Ion:216 Resp: 171890
Ion Ratio Lower Upper
216 100
214 80.8 62.3 93.5
179 20.9 16.8 25.2
108 16.4 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 9.125 ng
RT: 12.622 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

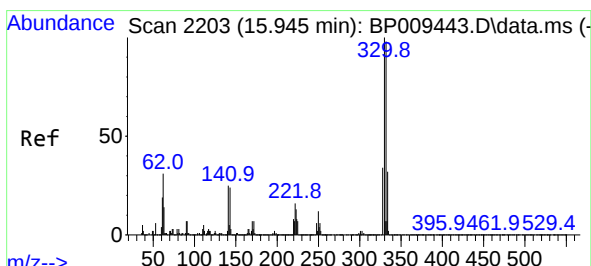
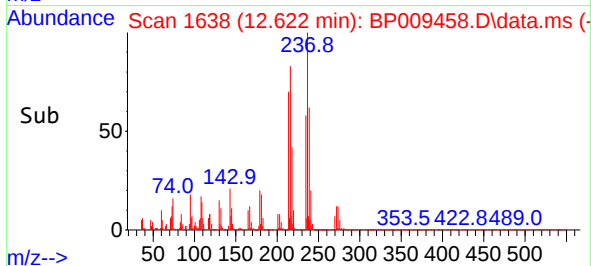
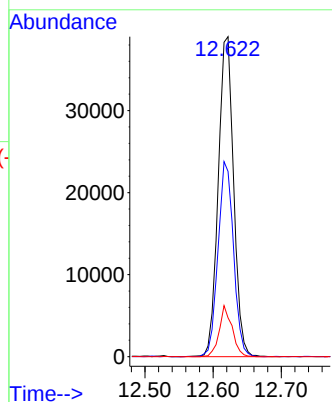
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 237 Resp: 6139
Ion Ratio Lower Upper
237 100
235 57.9 42.6 82.6
272 12.1 0.0 32.8

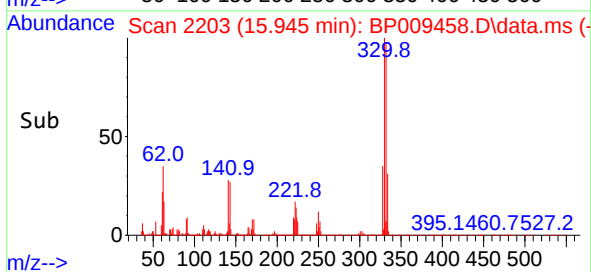
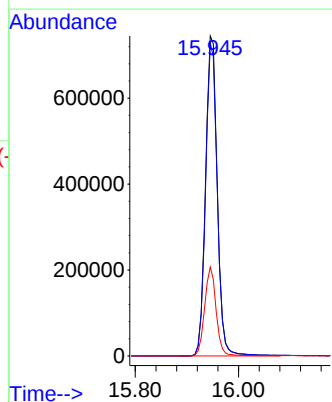
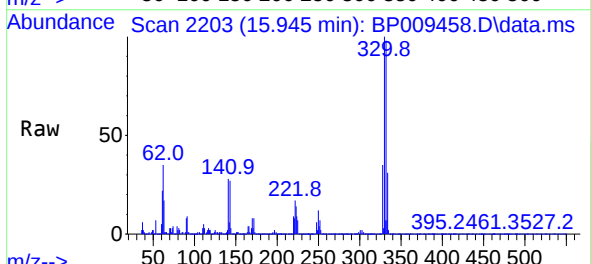
Manual Integrations
APPROVED

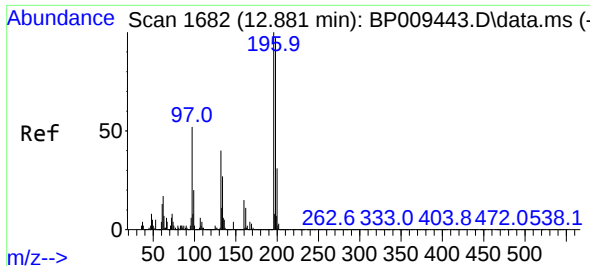
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#42
2,4,6-Tribromophenol
Concen: 123.573 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

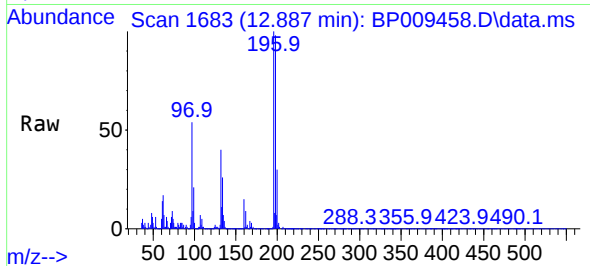
Tgt Ion: 330 Resp: 1173612
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 27.2 27.6 41.4#





#43
2,4,6-Trichlorophenol
Concen: 8.244 ng
RT: 12.887 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

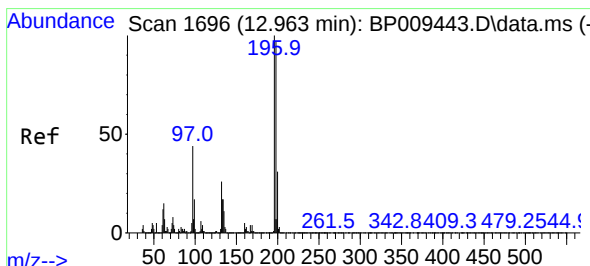
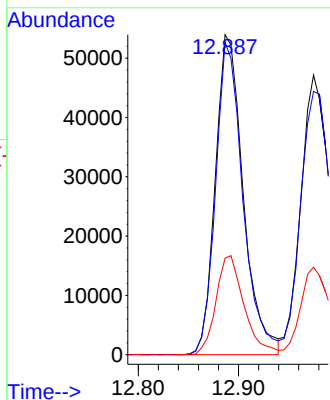
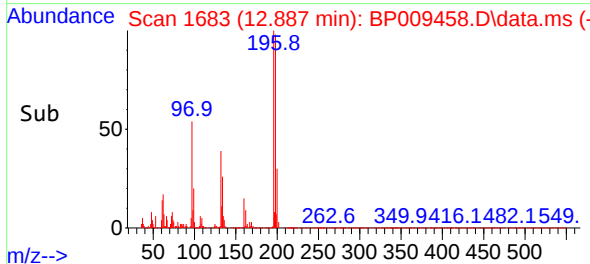
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



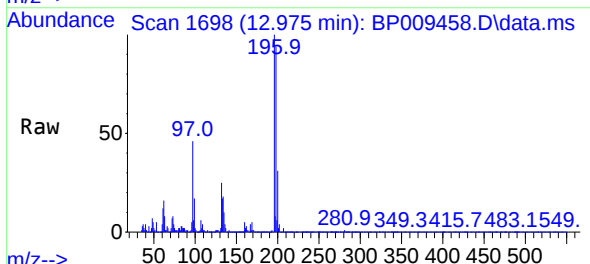
Tgt Ion:196 Resp: 104349
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.4
200 30.1 24.4 36.6

Manual Integrations
APPROVED

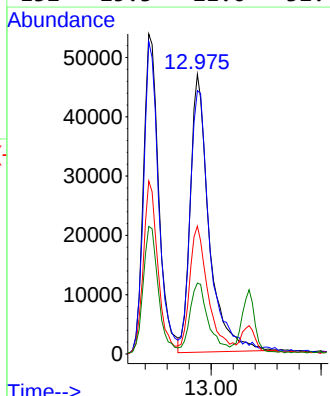
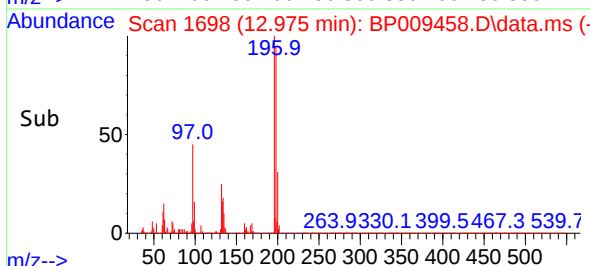
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

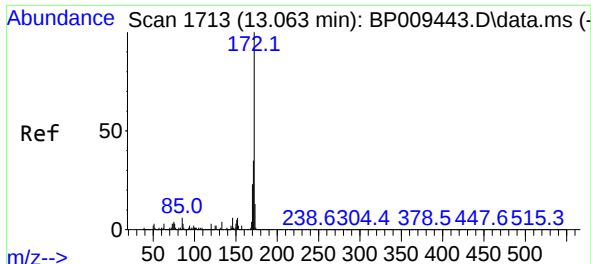


#44
2,4,5-Trichlorophenol
Concen: 8.066 ng
RT: 12.975 min Scan# 1698
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion:196 Resp: 110864
Ion Ratio Lower Upper
196 100
198 94.1 76.6 114.8
97 45.7 38.3 57.5
132 25.3 21.6 32.4





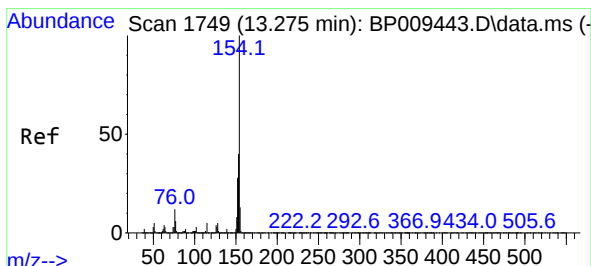
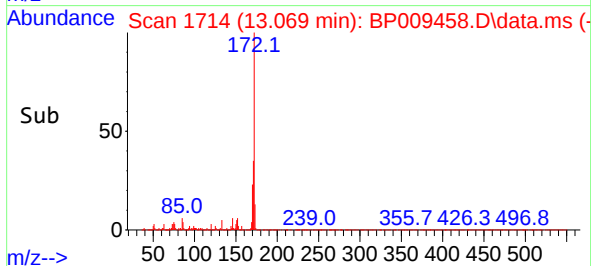
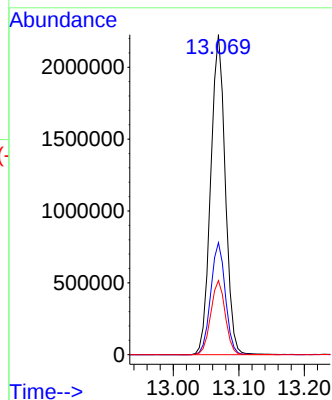
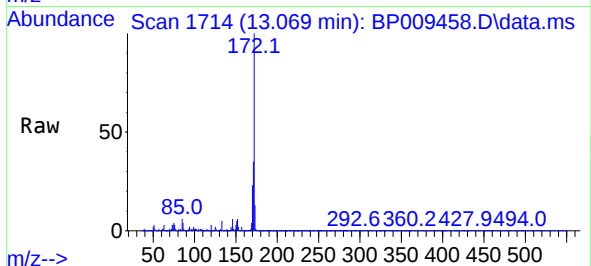
#45
2-Fluorobiphenyl
Concen: 82.779 ng
RT: 13.069 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:172 Resp: 343665
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.2 18.6 27.8

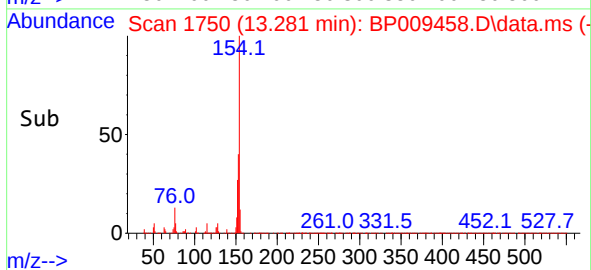
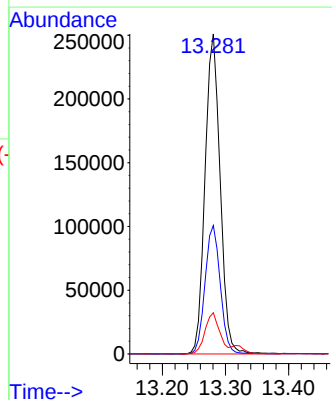
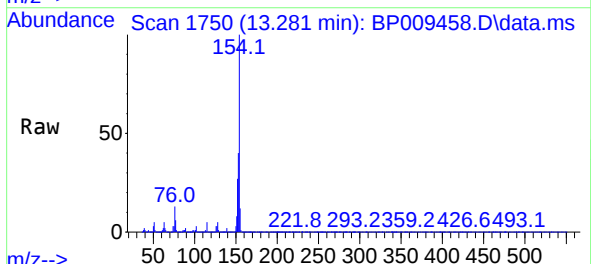
Manual Integrations
APPROVED

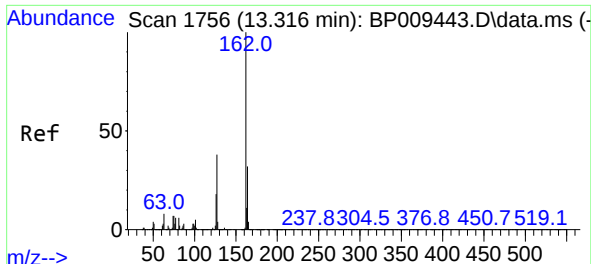
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#46
1,1'-Biphenyl
Concen: 9.712 ng
RT: 13.281 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Tgt Ion:154 Resp: 416981
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.9 0.0 34.0





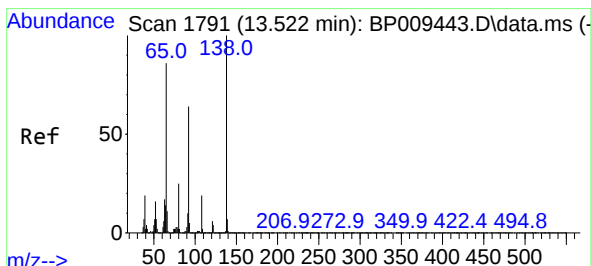
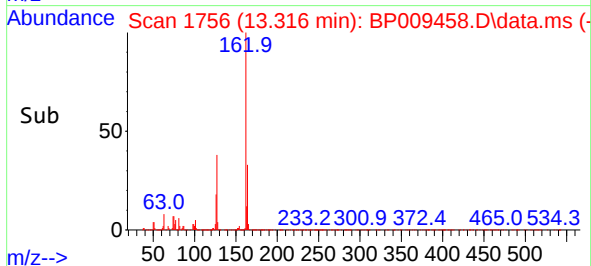
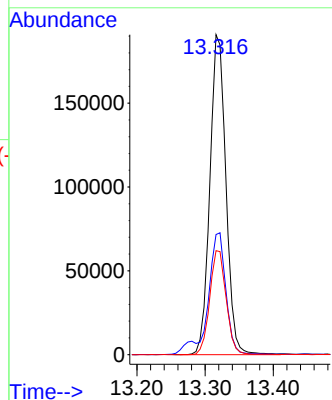
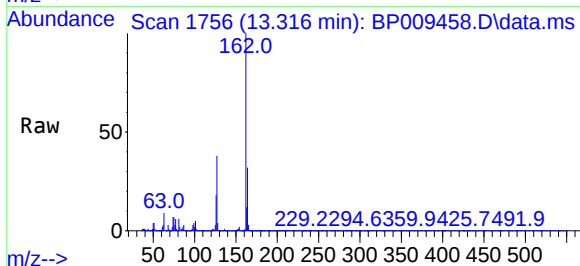
#47
2-Chloronaphthalene
Concen: 9.261 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022

Tgt Ion:162 Resp: 313040
Ion Ratio Lower Upper
162 100
127 37.6 30.8 46.2
164 32.5 26.3 39.5

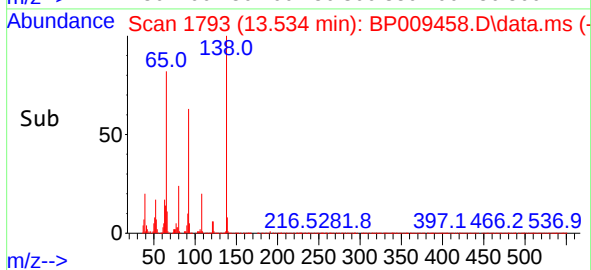
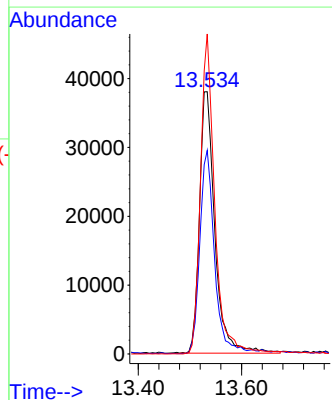
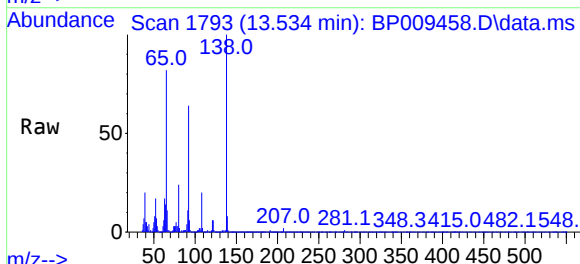
Manual Integrations
APPROVED

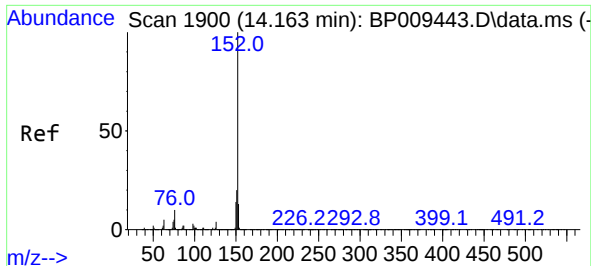
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#48
2-Nitroaniline
Concen: 8.524 ng
RT: 13.534 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Tgt Ion: 65 Resp: 78475
Ion Ratio Lower Upper
65 100
92 77.6 56.9 85.3
138 122.0 89.3 133.9





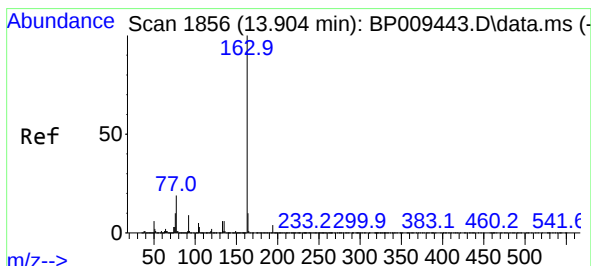
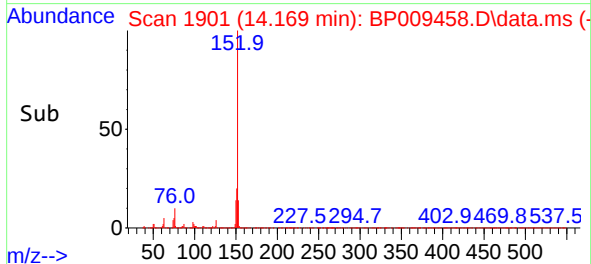
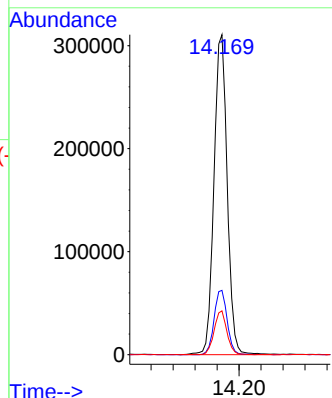
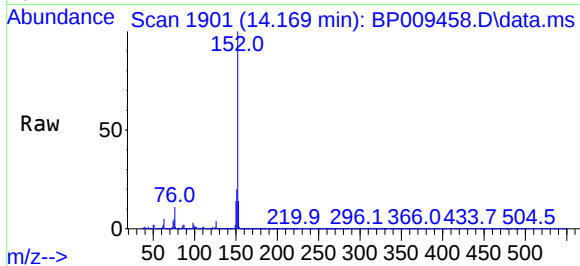
#49
Acenaphthylene
Concen: 9.955 ng
RT: 14.169 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:152 Resp: 51946
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.7 16.1

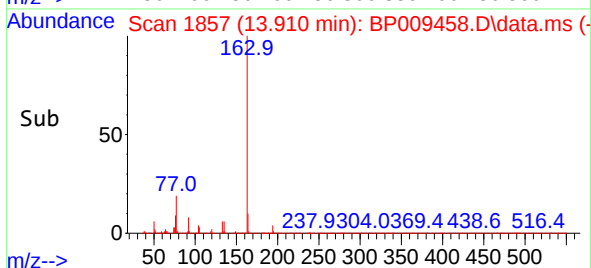
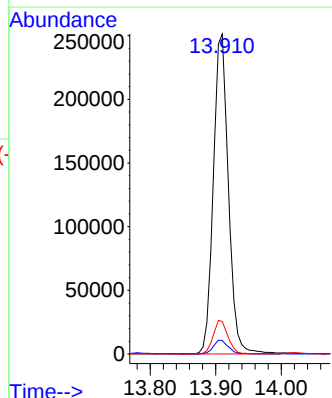
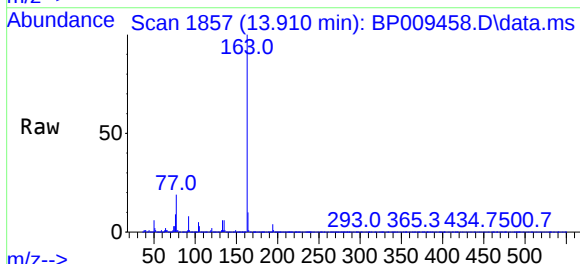
Manual Integrations
APPROVED

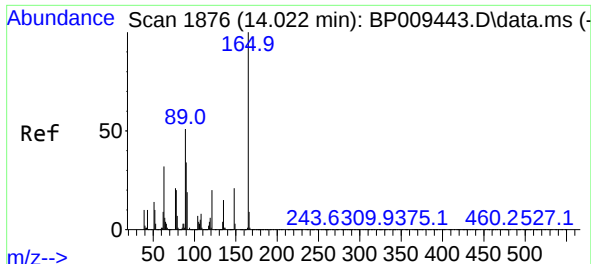
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#50
Dimethylphthalate
Concen: 9.180 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

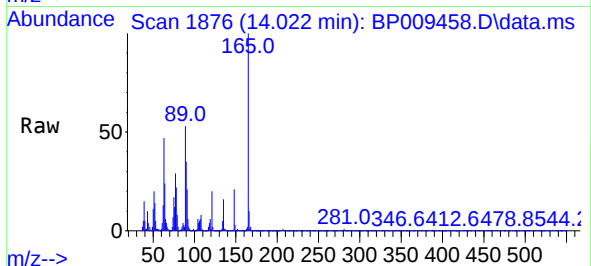
Tgt Ion:163 Resp: 400336
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 9.284 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

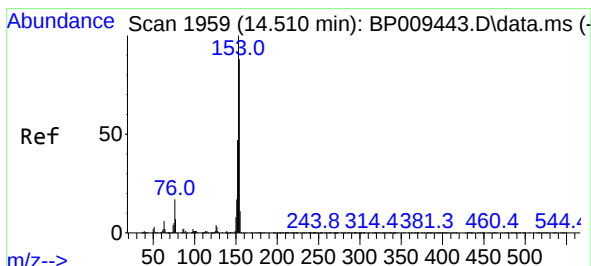
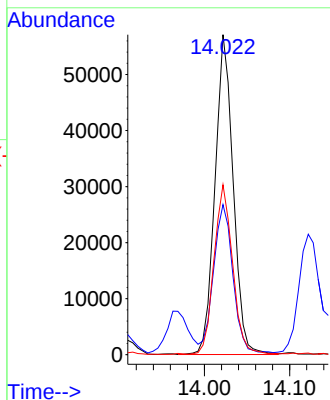
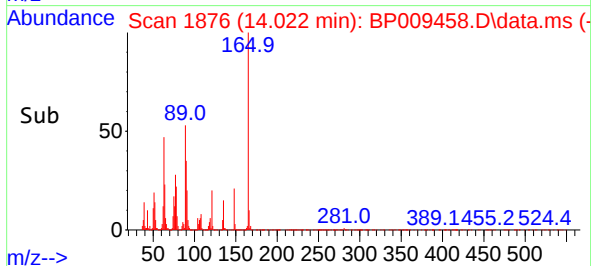
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



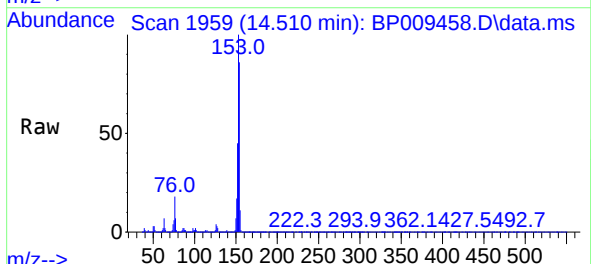
Tgt Ion:165 Resp: 84829
Ion Ratio Lower Upper
165 100
63 46.9 40.9 61.3
89 53.1 43.4 65.2

Manual Integrations
APPROVED

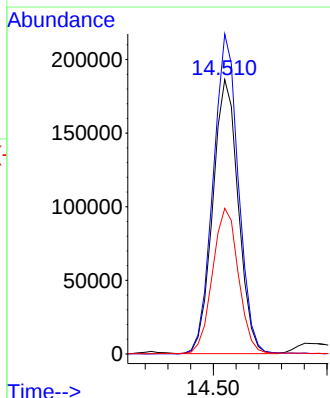
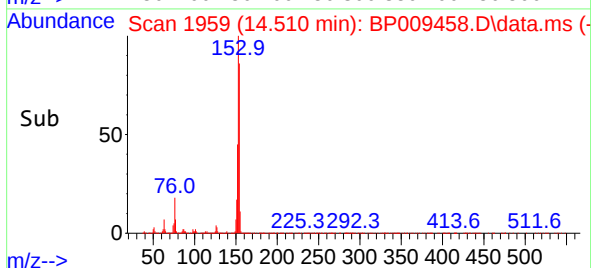
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

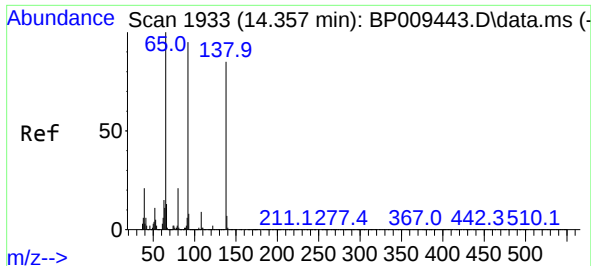


#52
Acenaphthene
Concen: 9.328 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



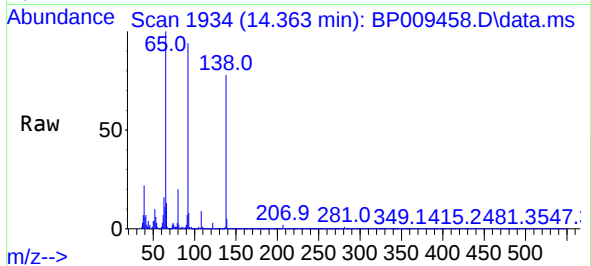
Tgt Ion:154 Resp: 290767
Ion Ratio Lower Upper
154 100
153 116.6 90.2 135.4
152 53.1 42.7 64.1





#53
3-Nitroaniline
Concen: 8.567 ng
RT: 14.363 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

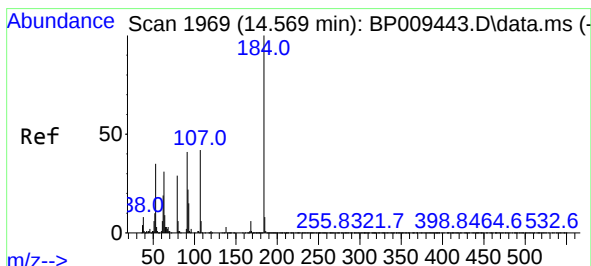
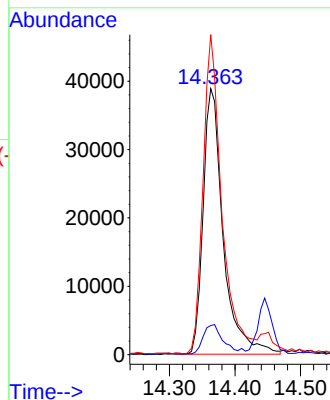
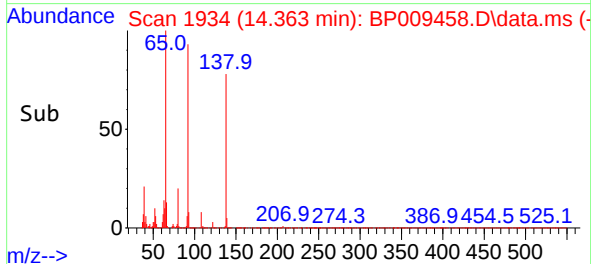
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:138 Resp: 82684
Ion Ratio Lower Upper
138 100
108 11.0 9.7 14.5
92 120.2 94.4 141.6

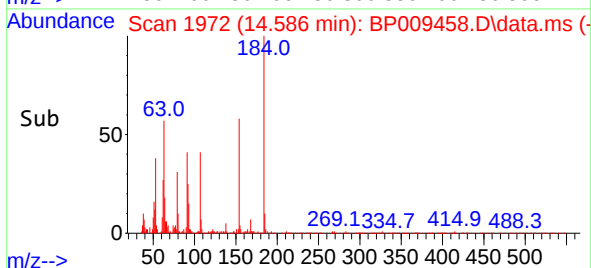
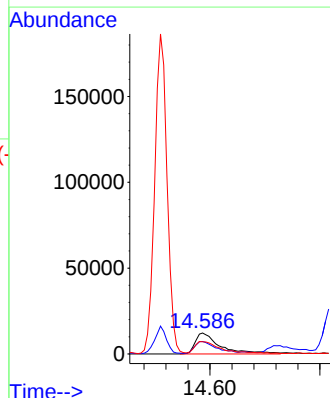
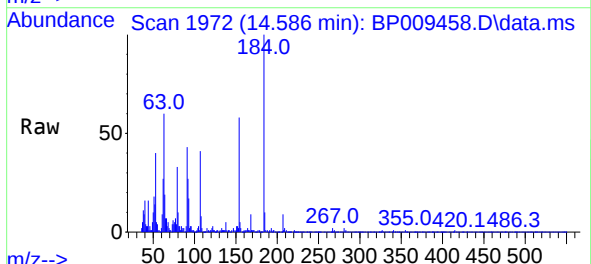
Manual Integrations
APPROVED

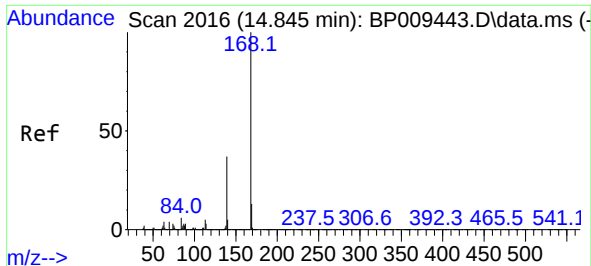
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#54
2,4-Dinitrophenol
Concen: 7.663 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.017 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

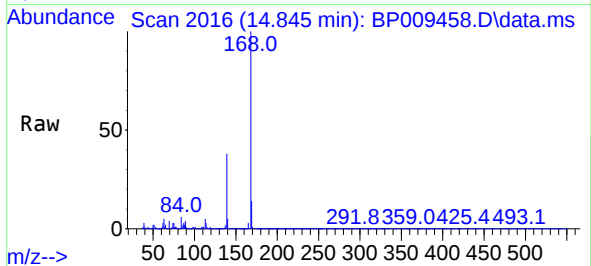
Tgt Ion:184 Resp: 38462
Ion Ratio Lower Upper
184 100
63 59.7 46.3 69.5
154 57.8 45.8 68.6





#55
Dibenzenofuran
Concen: 9.341 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

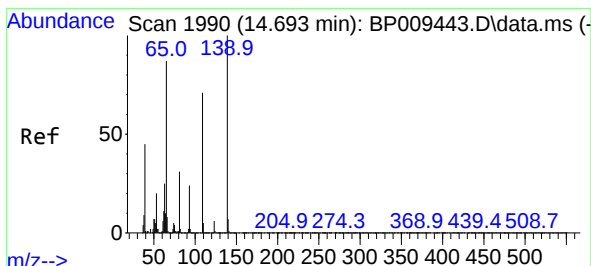
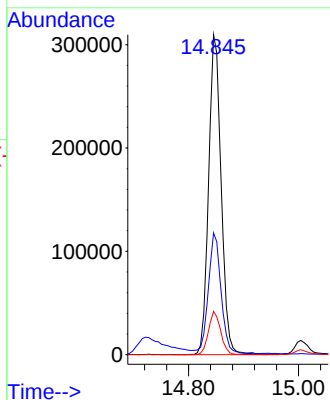
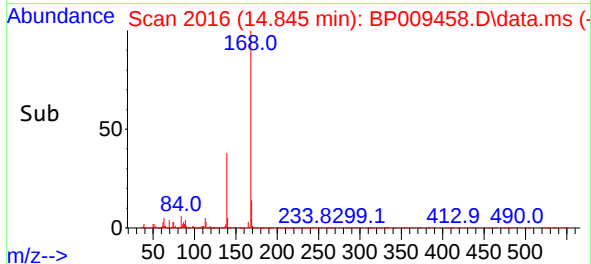
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



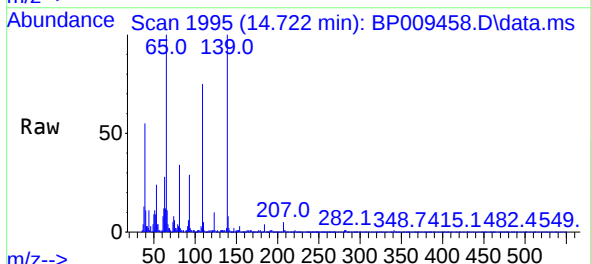
Tgt Ion:168 Resp: 48916
Ion Ratio Lower Upper
168 100
139 38.0 29.1 43.7
169 13.5 10.6 16.0

Manual Integrations
APPROVED

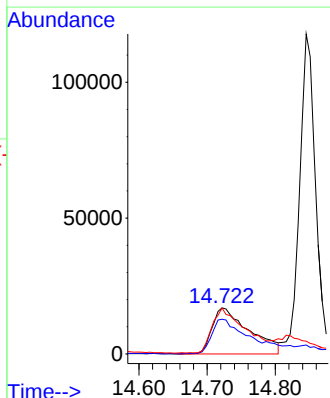
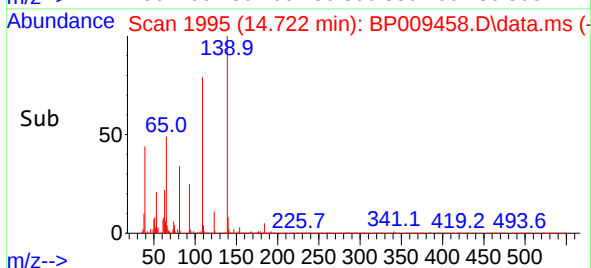
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

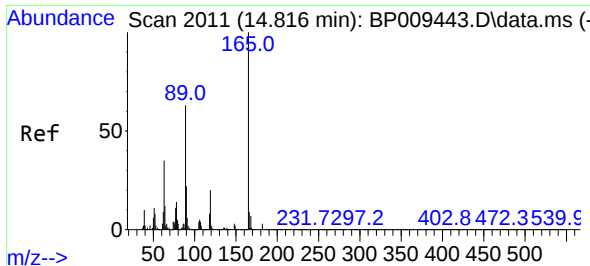


#56
4-Nitrophenol
Concen: 8.860 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.029 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion:139 Resp: 63739
Ion Ratio Lower Upper
139 100
109 75.2 51.2 91.2
65 99.7 73.2 113.2





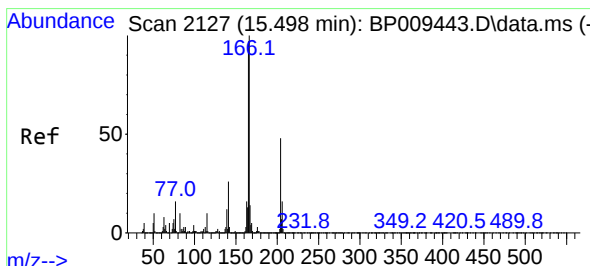
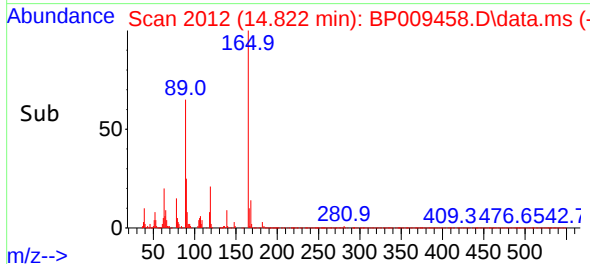
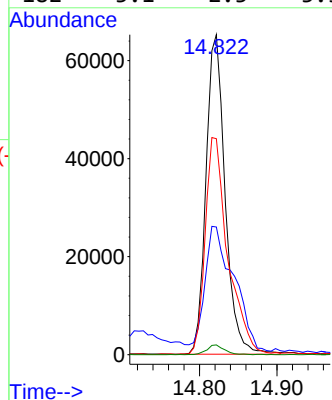
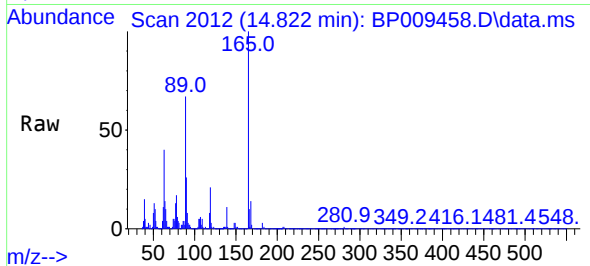
#57
2,4-Dinitrotoluene
Concen: 8.899 ng
RT: 14.822 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:165 Resp: 111810
Ion Ratio Lower Upper
165 100
63 39.9 31.4 47.2
89 67.5 55.9 83.9
182 3.1 2.3 3.5

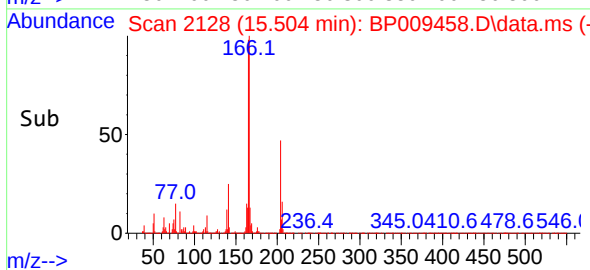
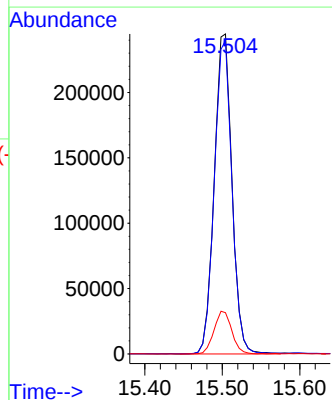
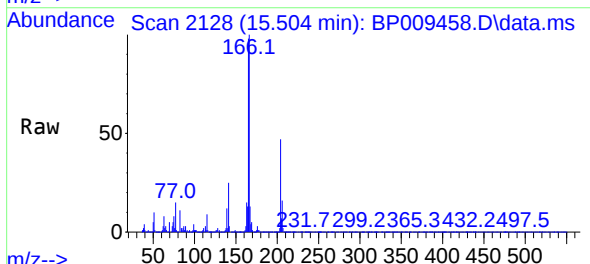
Manual Integrations
APPROVED

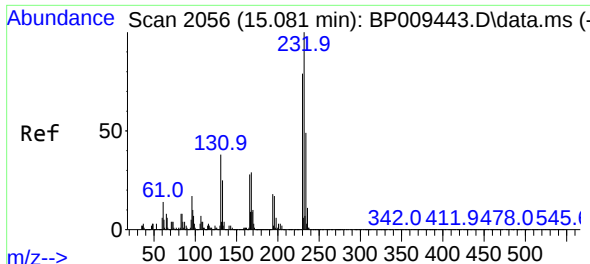
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 9.409 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

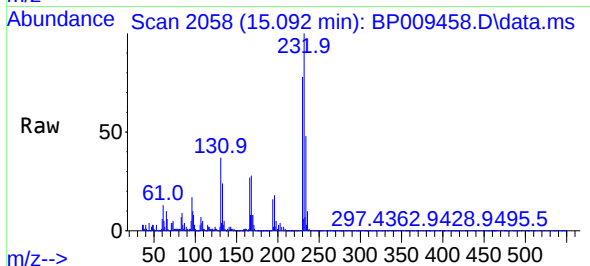
Tgt Ion:166 Resp: 387521
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.579 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

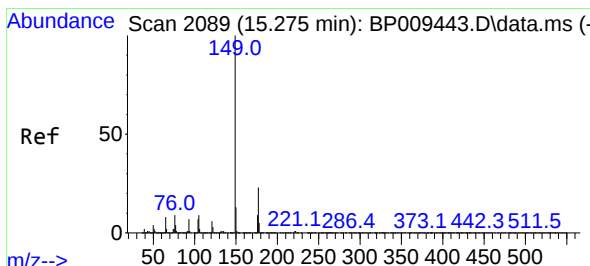
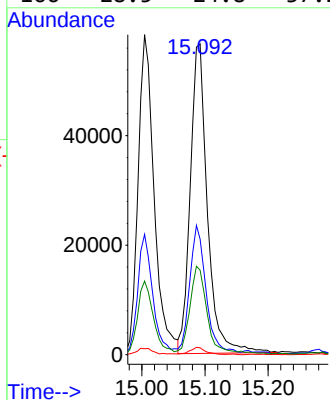
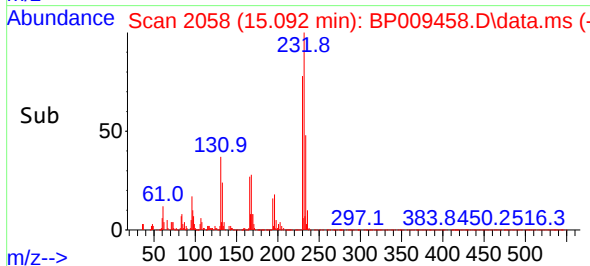
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:232 Resp: 106898
Ion Ratio Lower Upper
232 100
131 38.3 35.5 53.3
130 2.2 1.8 2.8
166 28.5 24.8 37.2

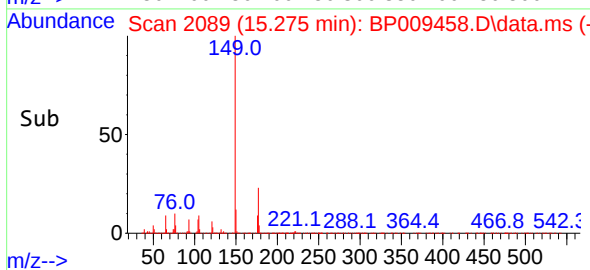
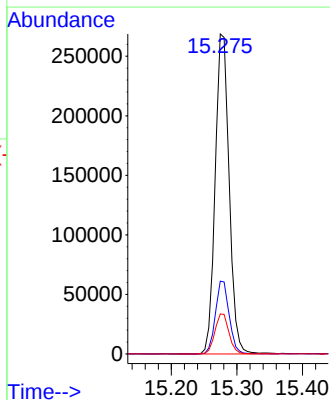
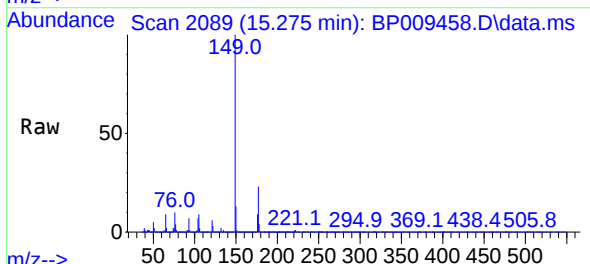
Manual Integrations
APPROVED

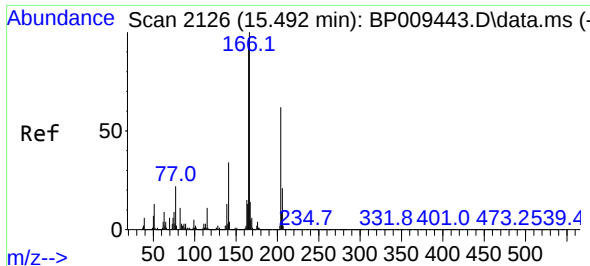
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#60
Diethylphthalate
Concen: 9.092 ng
RT: 15.275 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

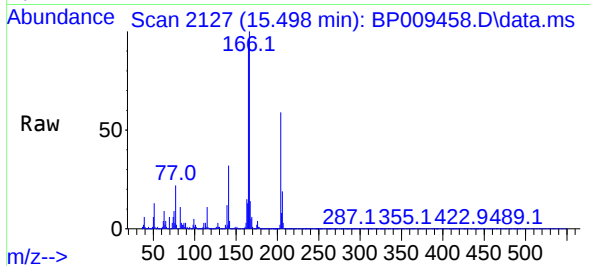
Tgt Ion:149 Resp: 396820
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.002 ng
RT: 15.498 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

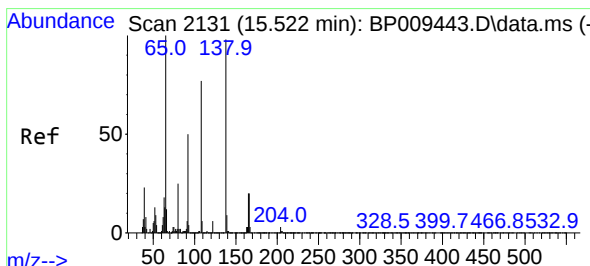
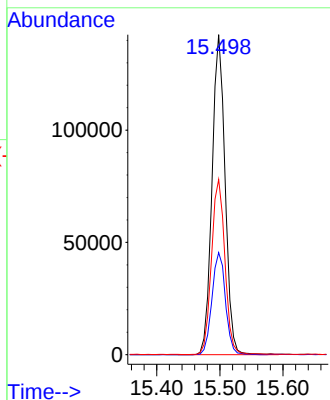
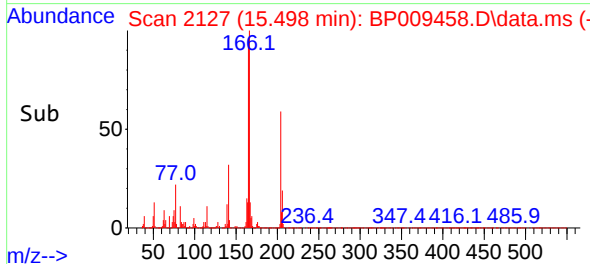
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:204 Resp: 204228
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 54.8 45.9 68.9

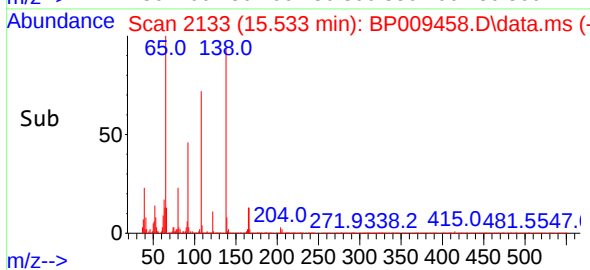
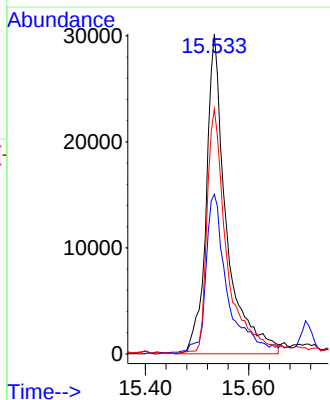
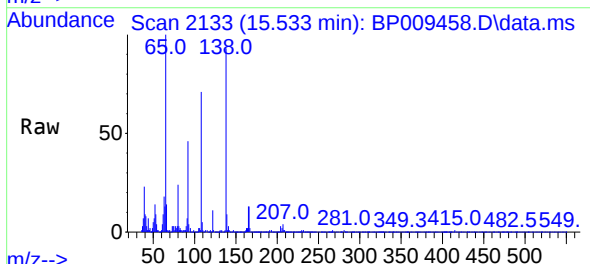
Manual Integrations
APPROVED

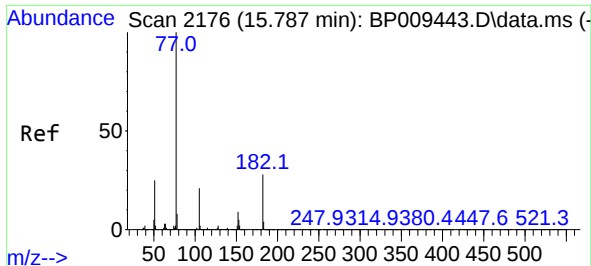
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 8.085 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

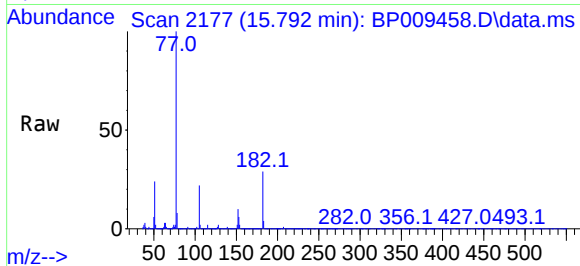
Tgt Ion:138 Resp: 81942
Ion Ratio Lower Upper
138 100
92 49.9 31.2 71.2
108 76.6 54.3 94.3





#63
Azobenzene
Concen: 9.086 ng
RT: 15.792 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

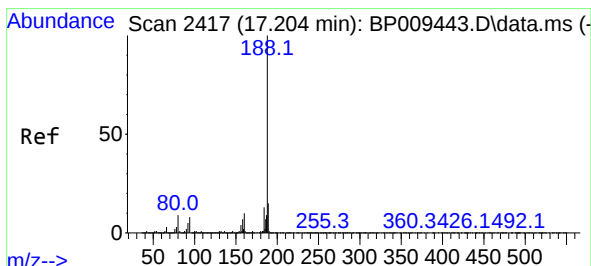
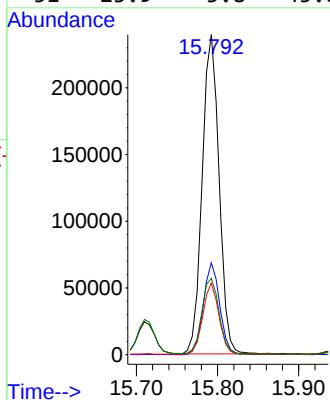
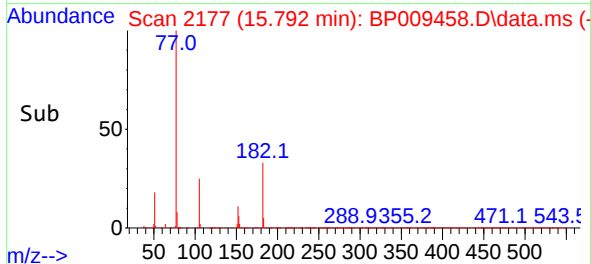
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



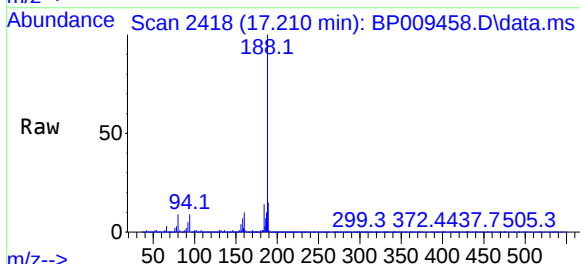
Tgt Ion: 77 Resp: 344988
Ion Ratio Lower Upper
77 100
182 28.7 5.4 45.4
105 22.4 0.3 40.3
51 23.9 5.8 45.8

Manual Integrations
APPROVED

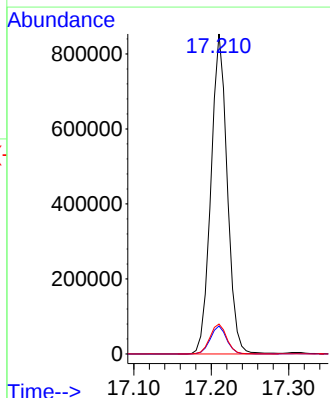
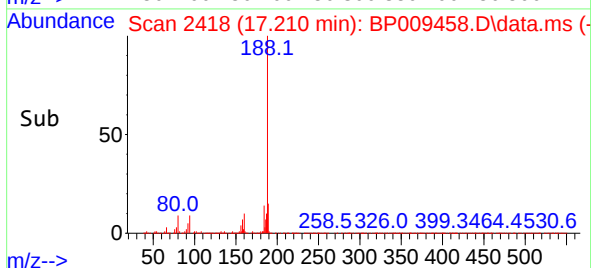
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

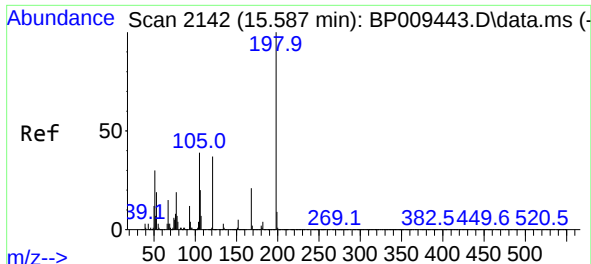


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion:188 Resp: 1247520
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.3 8.8 13.2





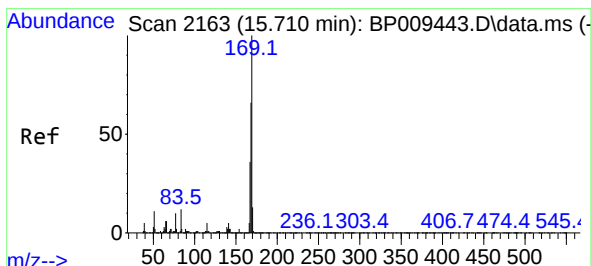
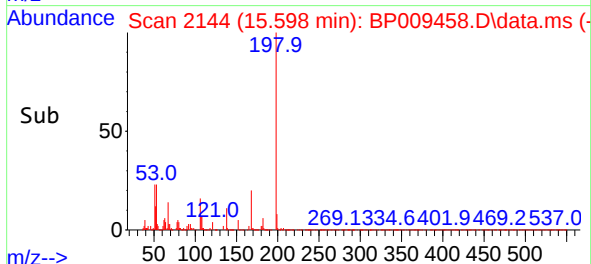
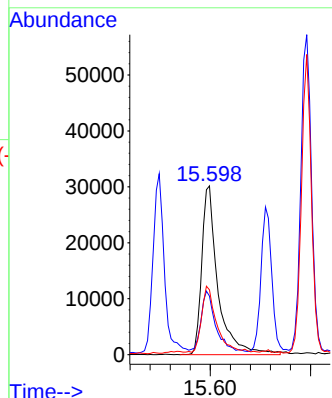
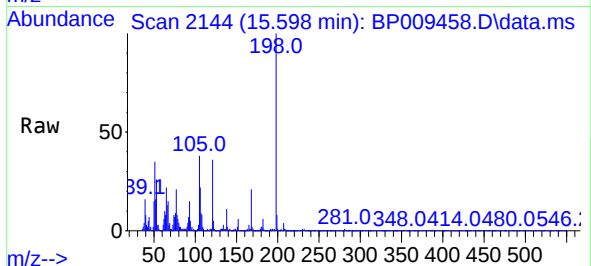
#65
4,6-Dinitro-2-methylphenol
Concen: 8.466 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:198 Resp: 6791
Ion Ratio Lower Upper
198 100
51 34.6 17.7 57.7
105 38.4 23.2 63.2

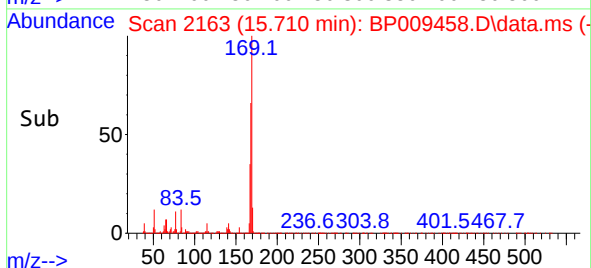
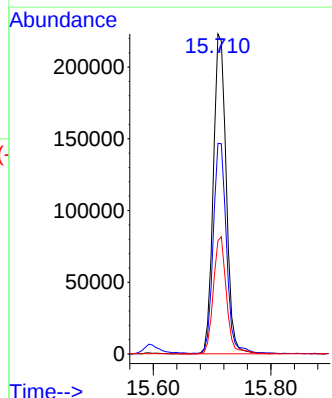
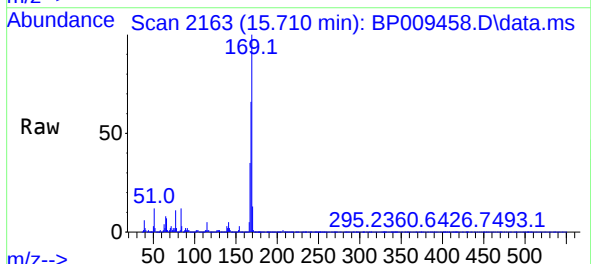
Manual Integrations
APPROVED

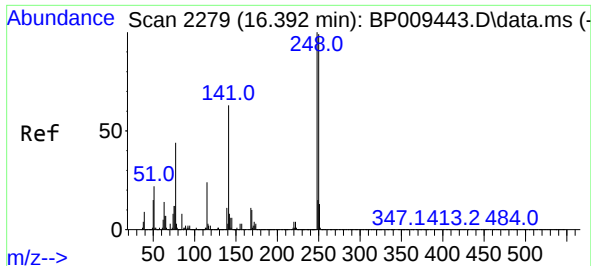
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 9.227 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

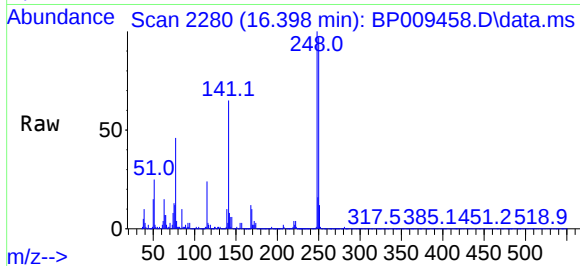
Tgt Ion:169 Resp: 340654
Ion Ratio Lower Upper
169 100
168 65.8 51.6 77.4
167 35.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 8.476 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

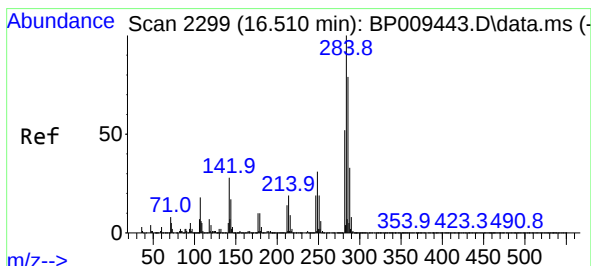
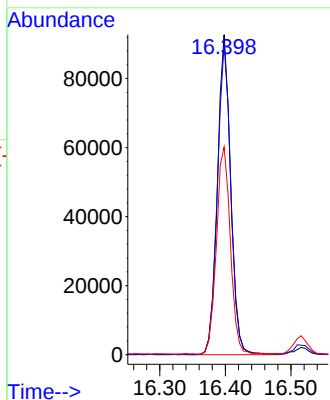
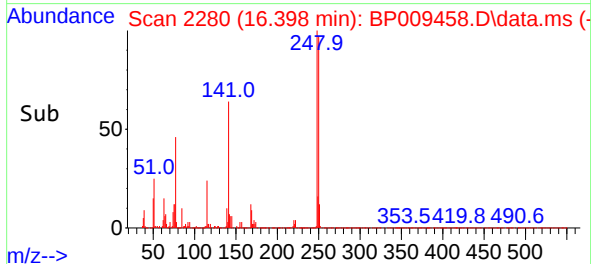
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:248 Resp: 129390
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 64.9 58.3 87.5

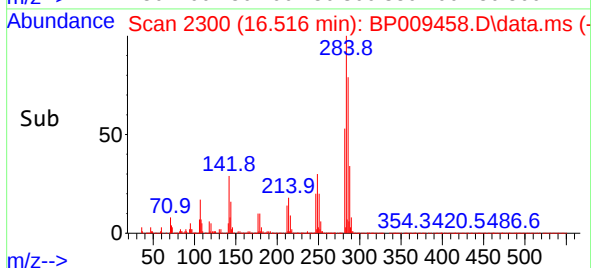
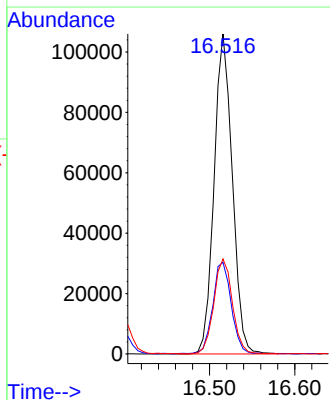
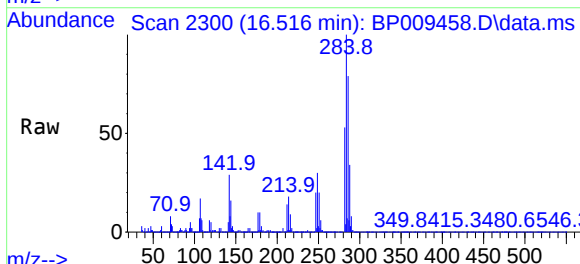
Manual Integrations
APPROVED

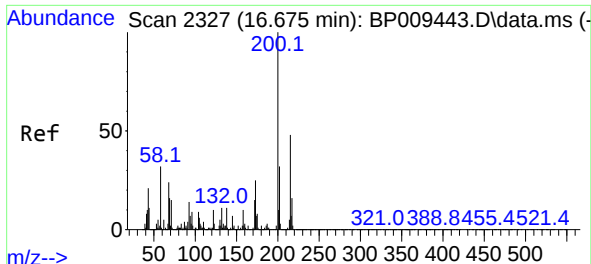
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#68
Hexachlorobenzene
Concen: 8.955 ng
RT: 16.516 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

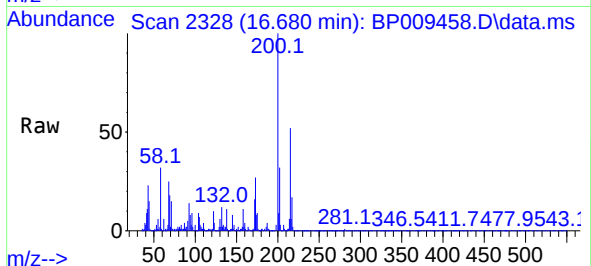
Tgt Ion:284 Resp: 157336
Ion Ratio Lower Upper
284 100
142 28.6 26.8 40.2
249 29.7 24.6 37.0





#69
Atrazine
Concen: 9.859 ng
RT: 16.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

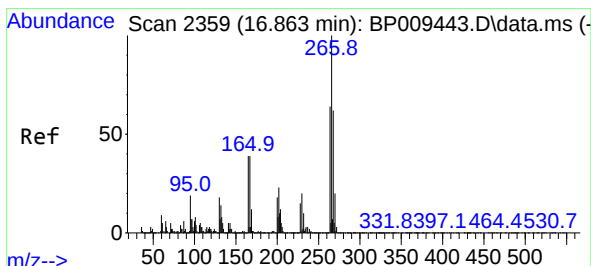
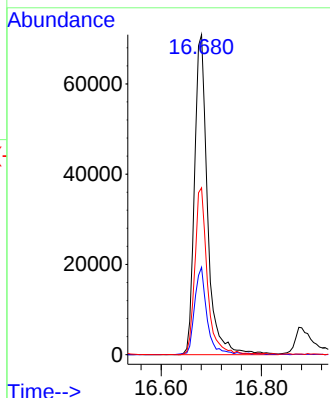
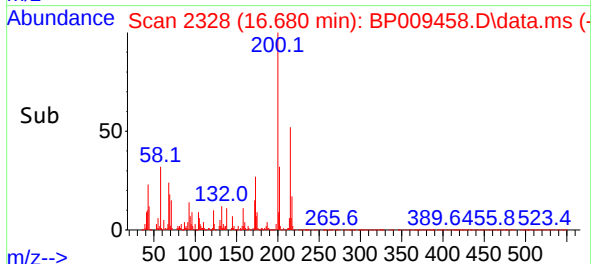
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:200 Resp: 12796
Ion Ratio Lower Upper
200 100
173 27.3 6.2 46.2
215 52.2 28.5 68.5

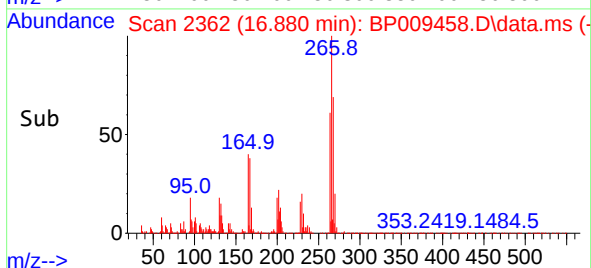
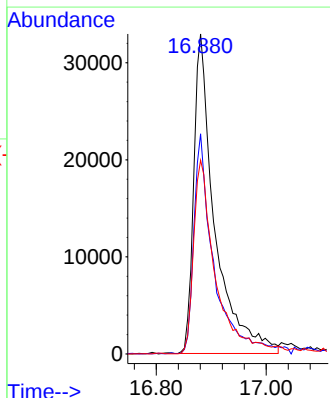
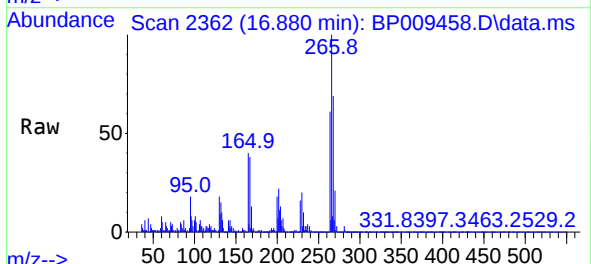
Manual Integrations
APPROVED

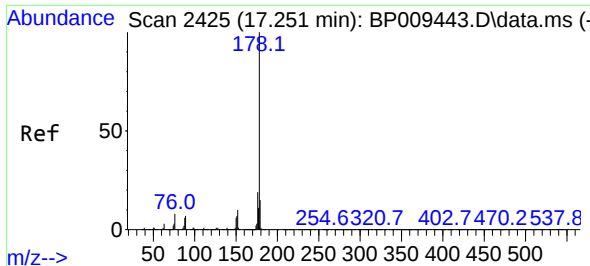
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#70
Pentachlorophenol
Concen: 9.328 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.017 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

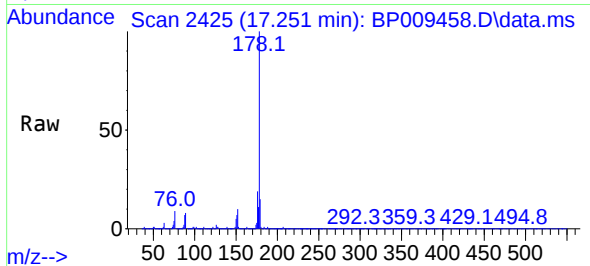
Tgt Ion:266 Resp: 87601
Ion Ratio Lower Upper
266 100
268 68.8 49.8 74.8
264 60.6 50.9 76.3





#71
Phenanthrene
Concen: 9.533 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

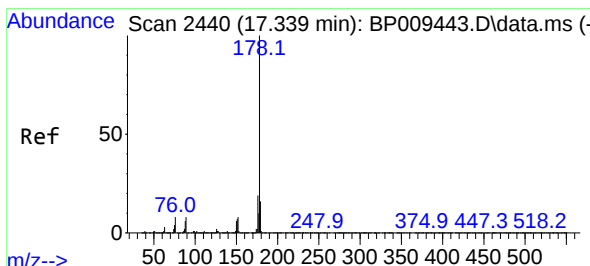
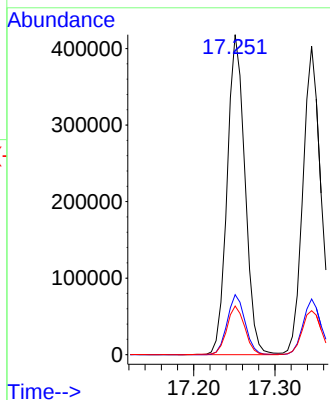
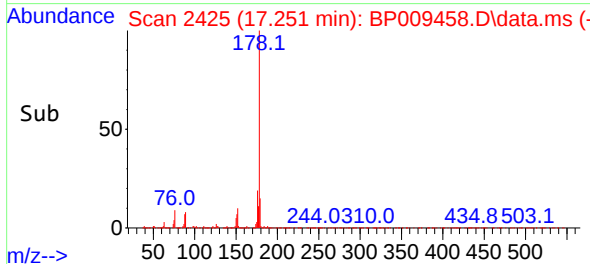
Instrument : BNA_P
Client Sample Id : LOQ-SOIL-02-QT1-2022



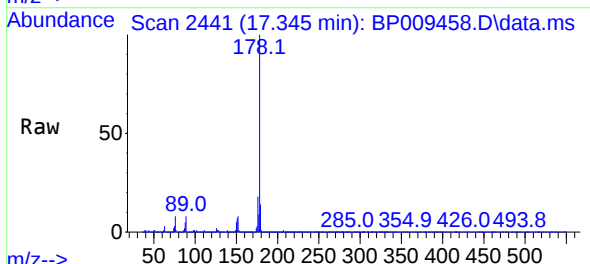
Tgt Ion:178 Resp: 636609
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.2 12.3 18.5

Manual Integrations
APPROVED

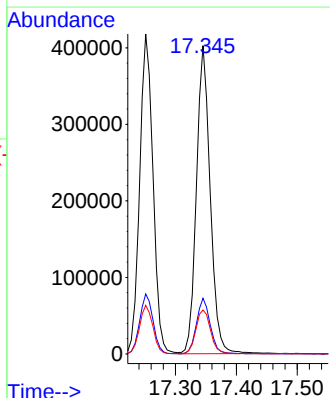
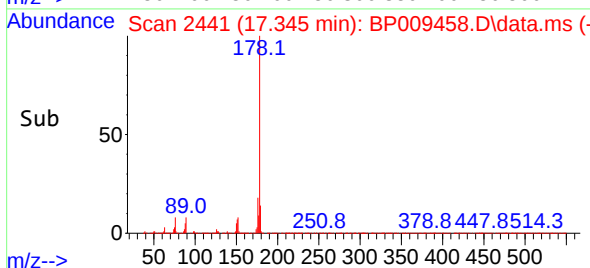
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

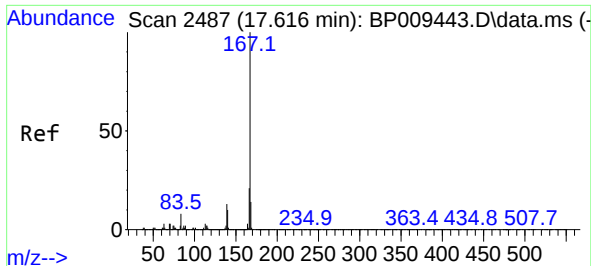


#72
Anthracene
Concen: 9.605 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



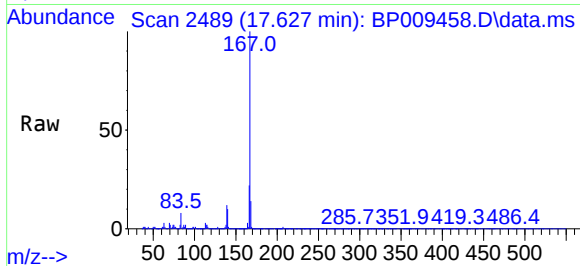
Tgt Ion:178 Resp: 633316
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 14.3 12.2 18.4





#73
Carbazole
Concen: 8.859 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

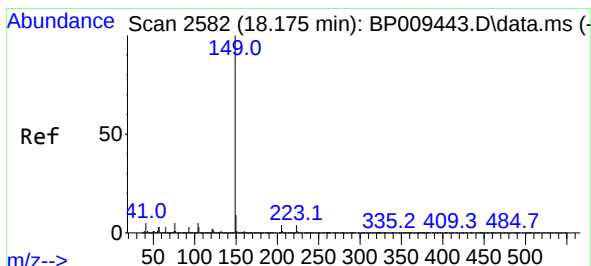
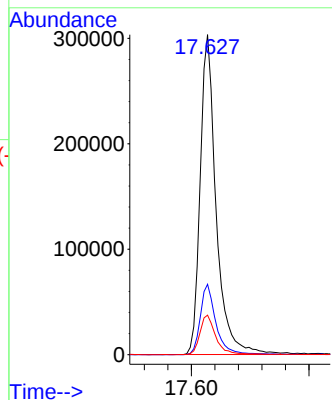
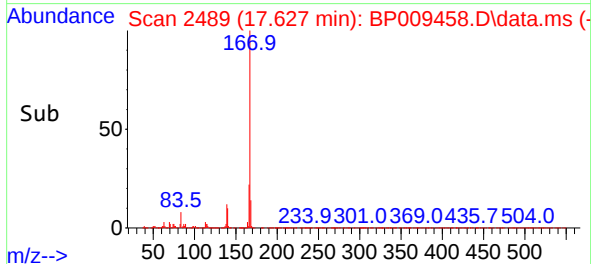
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



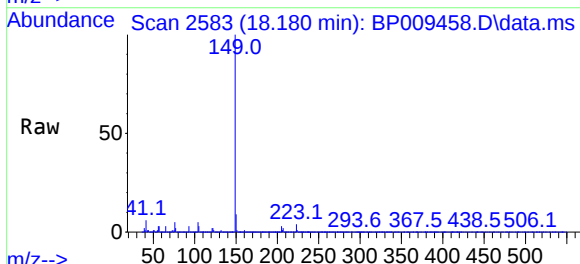
Tgt Ion:167 Resp: 571254
Ion Ratio Lower Upper
167 100
166 22.0 17.2 25.8
139 12.3 10.3 15.5

Manual Integrations
APPROVED

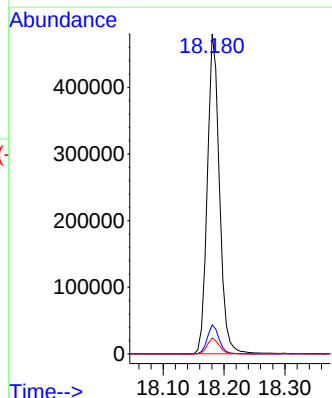
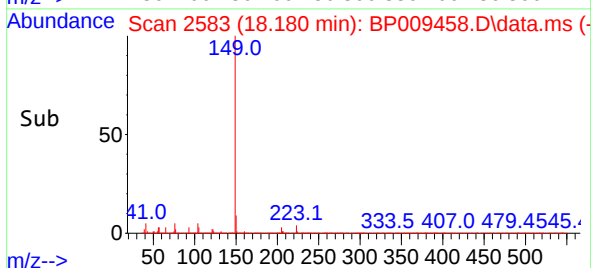
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

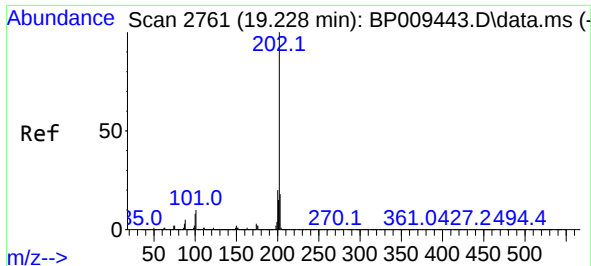


#74
Di-n-butylphthalate
Concen: 8.785 ng
RT: 18.180 min Scan# 2583
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



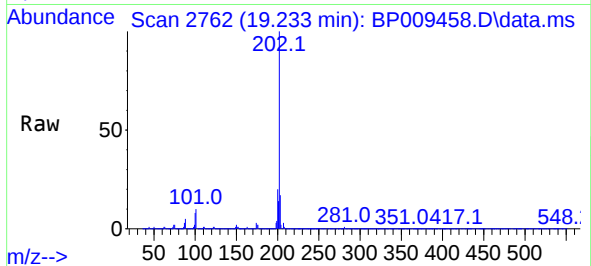
Tgt Ion:149 Resp: 663787
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 9.585 ng
RT: 19.233 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

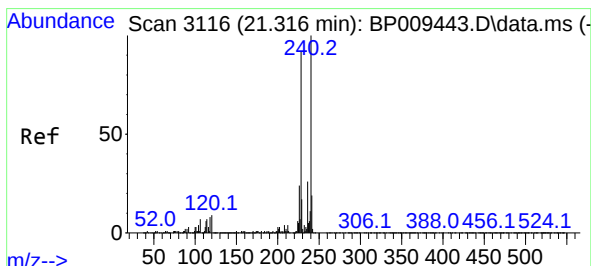
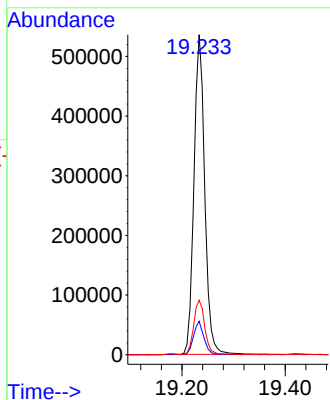
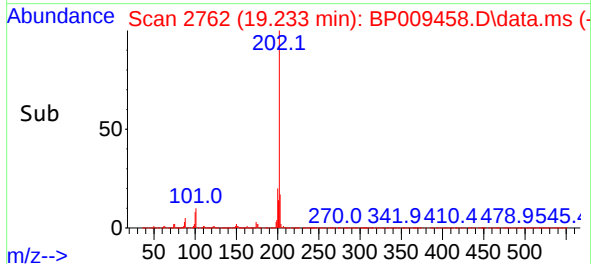
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



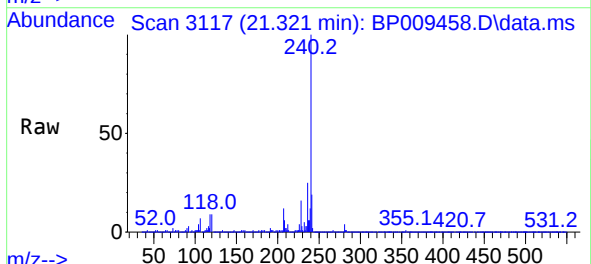
Tgt Ion:202 Resp: 77491
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.5
203 17.0 0.0 37.8

Manual Integrations
APPROVED

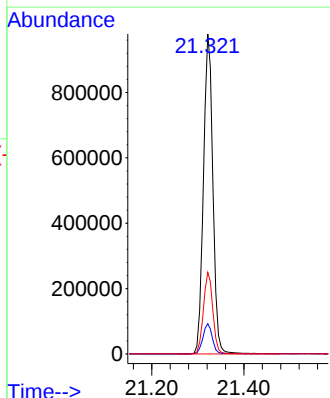
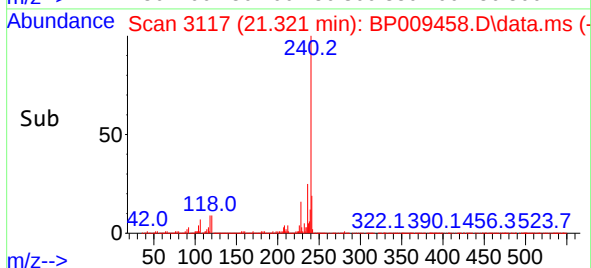
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

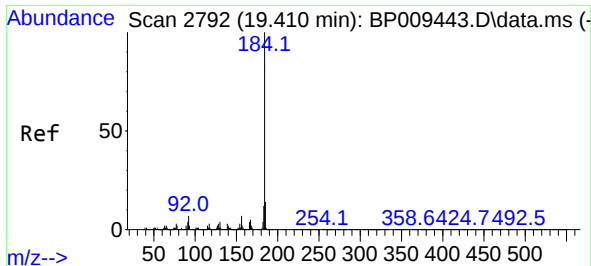


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



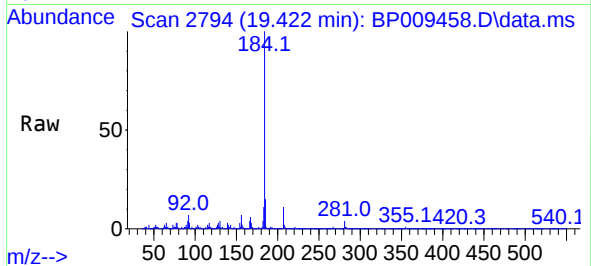
Tgt Ion:240 Resp: 1401494
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.5 20.6 30.8





#77
Benzidine
Concen: 11.616 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

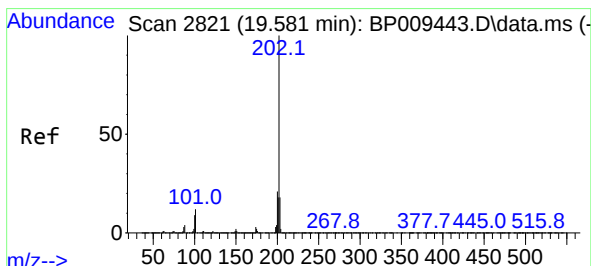
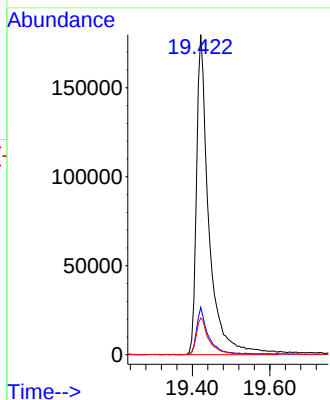
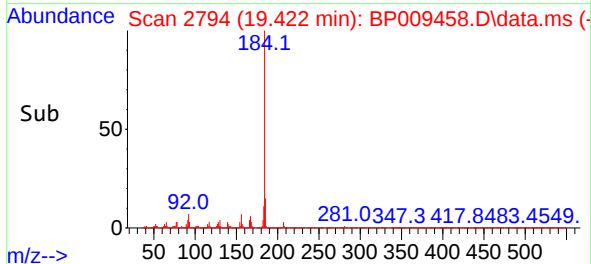
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



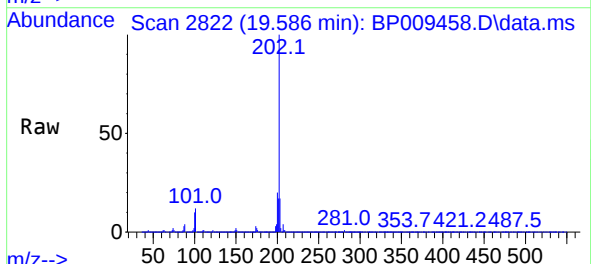
Tgt Ion:184 Resp: 39904
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.5 9.4 14.0

Manual Integrations
APPROVED

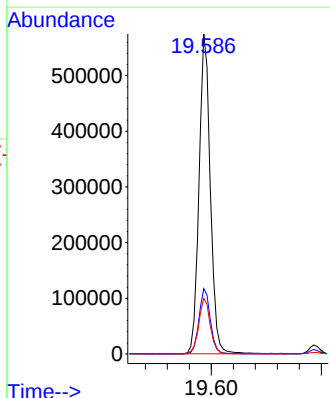
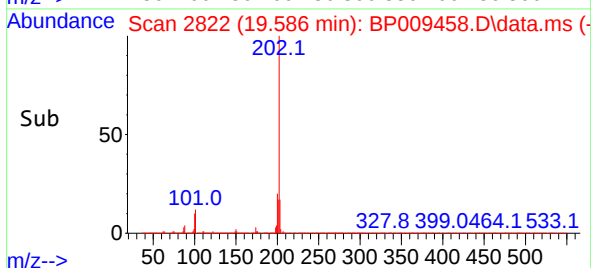
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

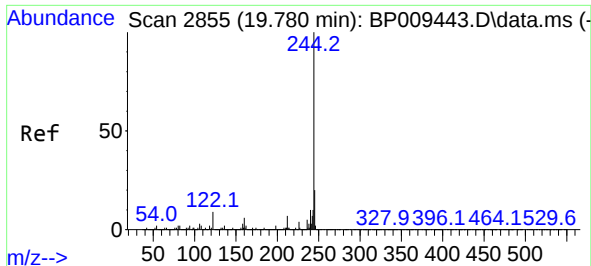


#78
Pyrene
Concen: 8.879 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



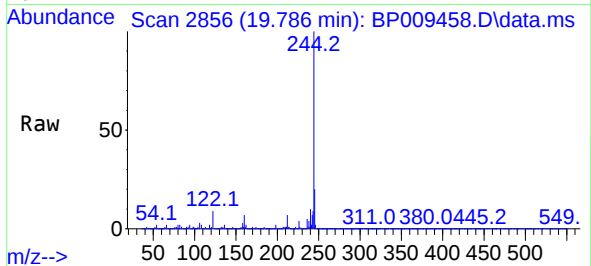
Tgt Ion:202 Resp: 819981
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 17.4 14.2 21.4





#79
Terphenyl-d14
Concen: 78.414 ng
RT: 19.786 min Scan# 2855
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

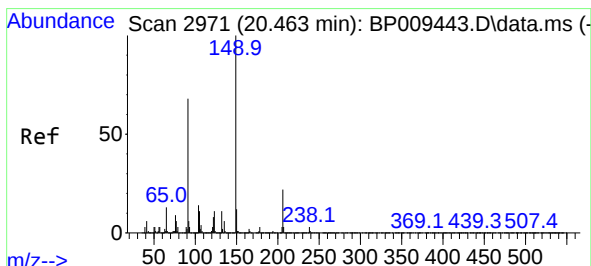
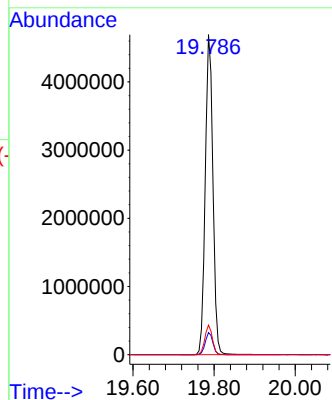
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:244 Resp: 612279
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.2 8.3 12.5

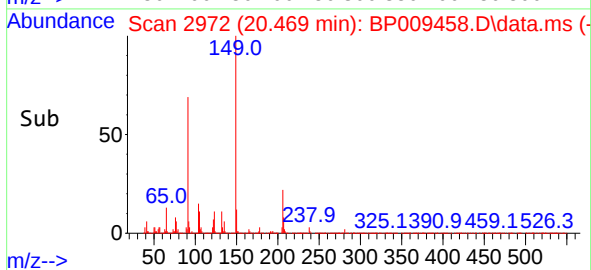
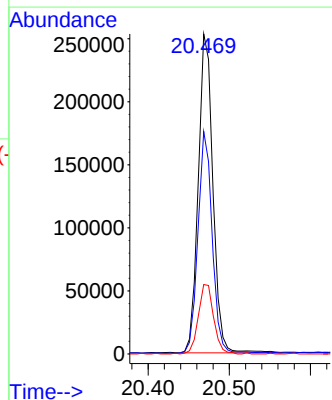
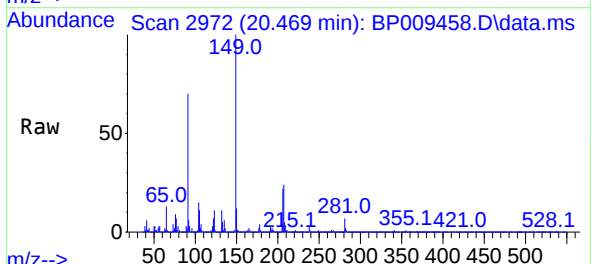
Manual Integrations
APPROVED

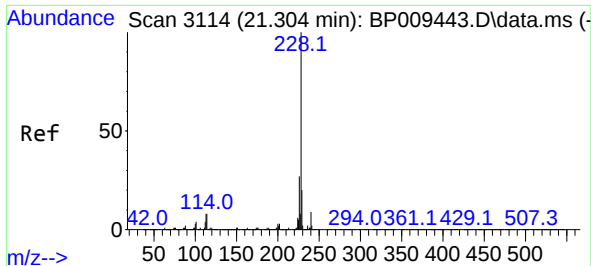
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#80
Butylbenzylphthalate
Concen: 8.109 ng
RT: 20.469 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

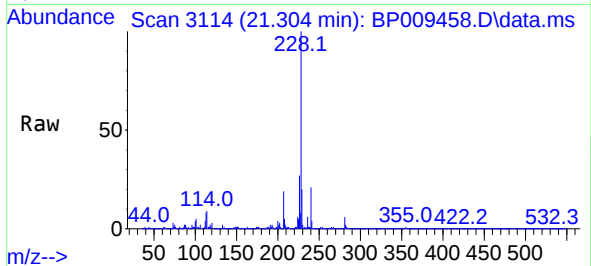
Tgt Ion:149 Resp: 318291
Ion Ratio Lower Upper
149 100
91 69.5 57.9 86.9
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 9.248 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

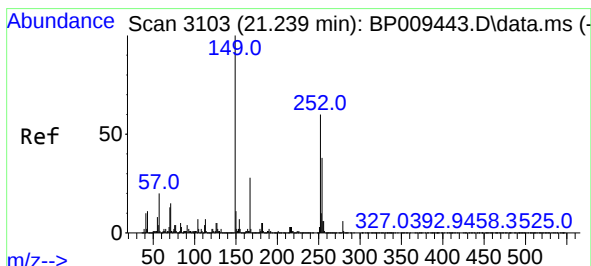
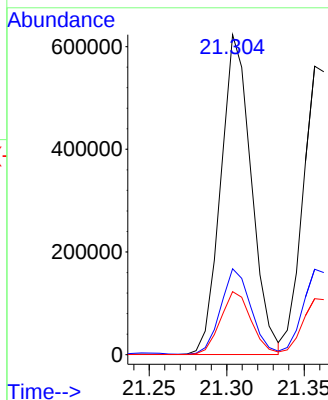
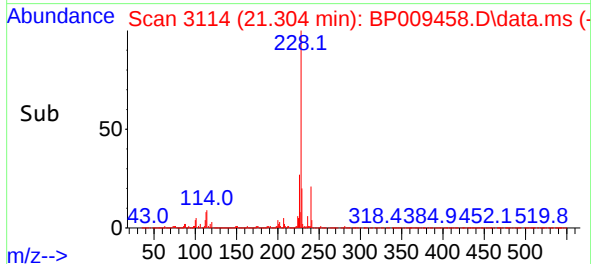
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



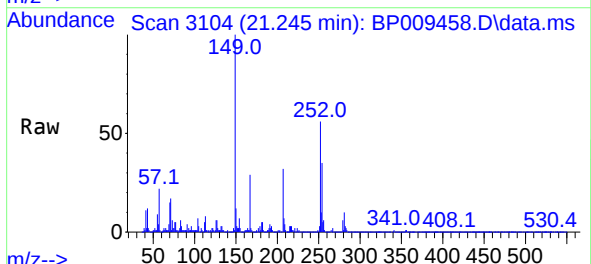
Tgt Ion:228 Resp: 851558
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.7 16.1 24.1

Manual Integrations
APPROVED

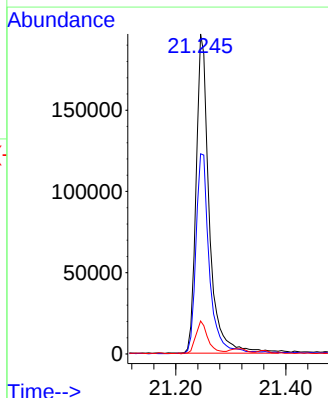
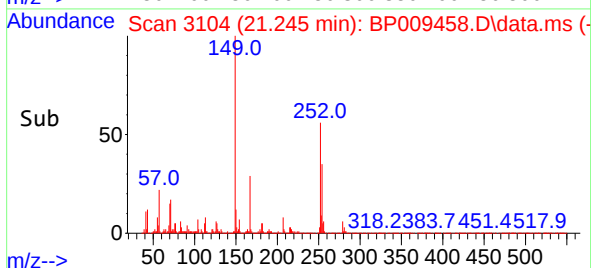
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

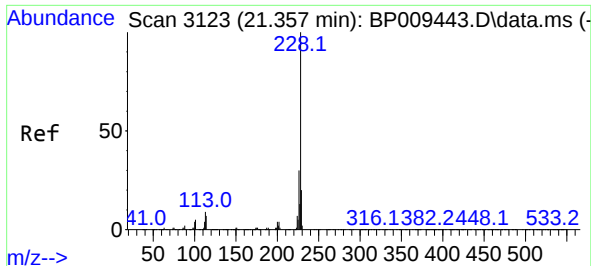


#82
3,3'-Dichlorobenzidine
Concen: 9.171 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



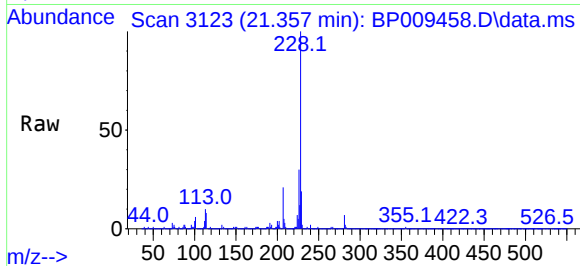
Tgt Ion:252 Resp: 326212
Ion Ratio Lower Upper
252 100
254 62.6 50.7 76.1
126 10.3 8.9 13.3





#83
Chrysene
Concen: 9.242 ng
RT: 21.357 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

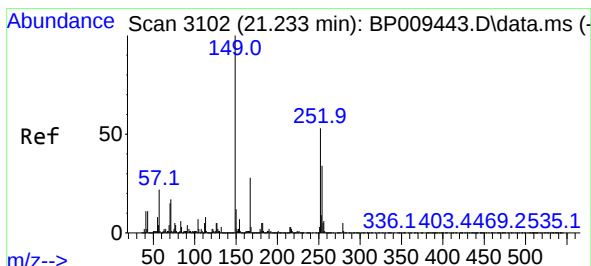
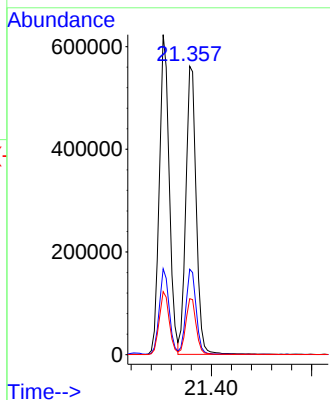
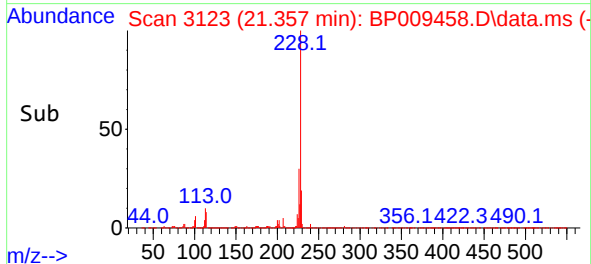
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



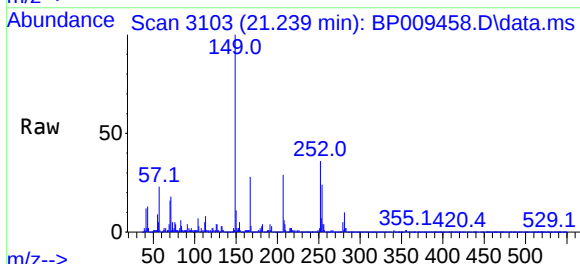
Tgt Ion:228 Resp: 80579
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 19.4 16.1 24.1

Manual Integrations
APPROVED

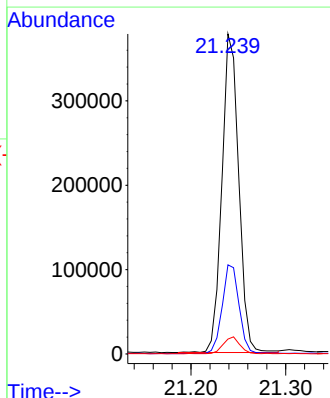
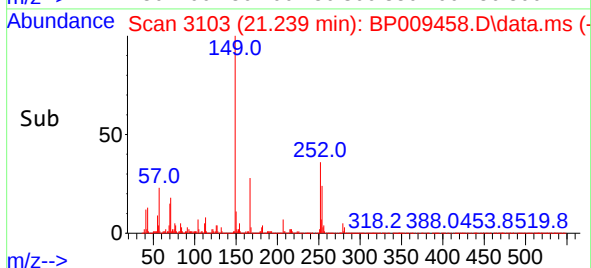
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

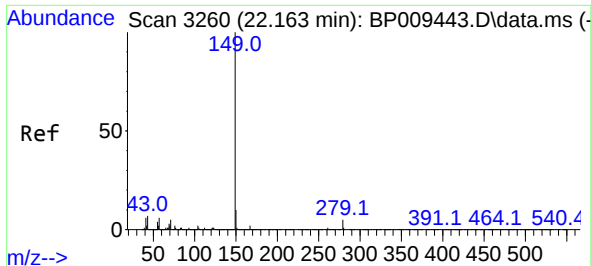


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.538 ng
RT: 21.239 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



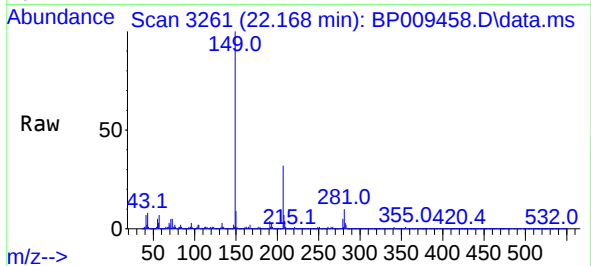
Tgt Ion:149 Resp: 467164
Ion Ratio Lower Upper
149 100
167 27.8 22.6 33.8
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 8.449 ng
RT: 22.168 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

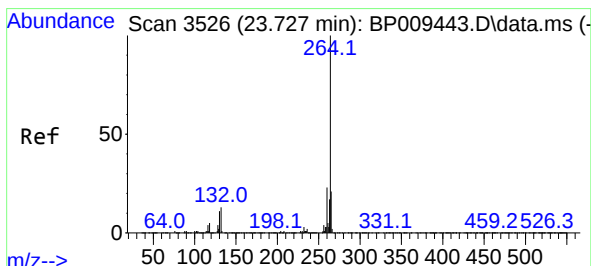
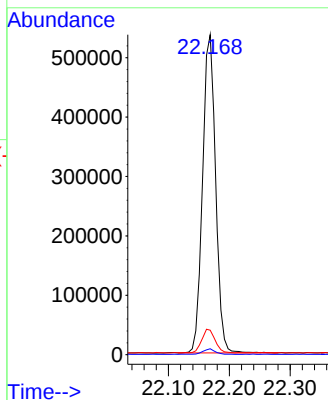
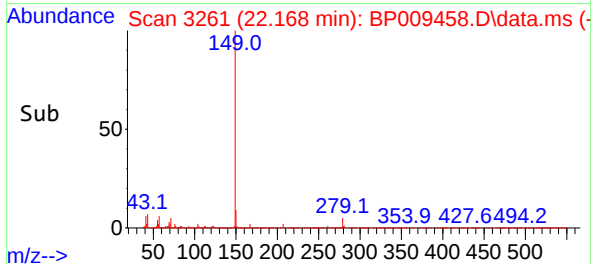
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:149 Resp: 79677
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.9 10.3

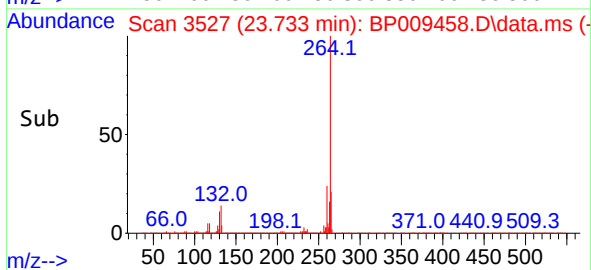
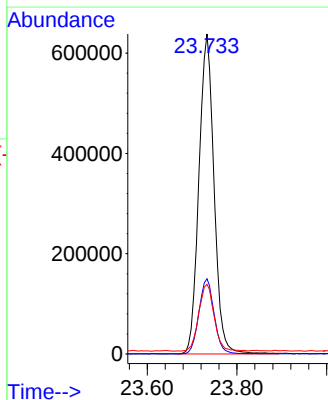
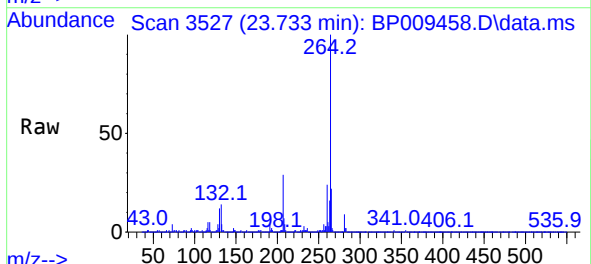
Manual Integrations
APPROVED

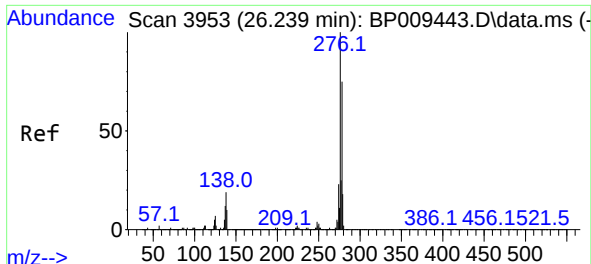
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

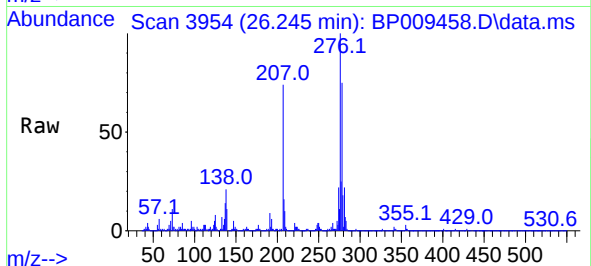
Tgt Ion:264 Resp: 1491998
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.824 ng
RT: 26.245 min Scan# 3954
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

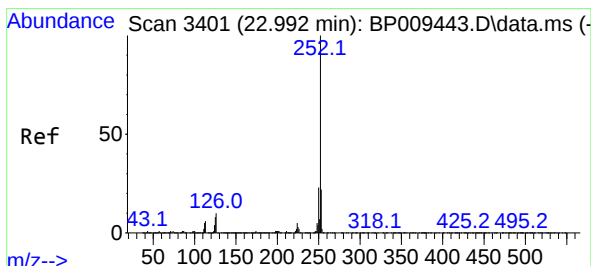
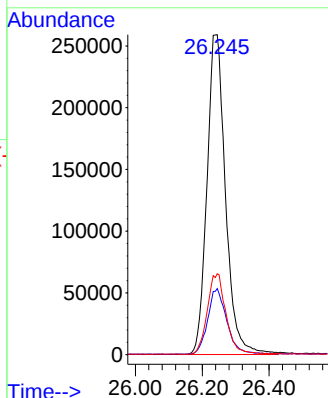
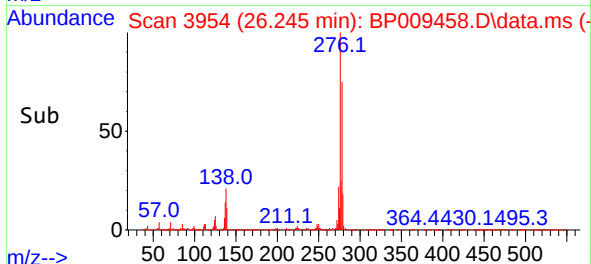
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



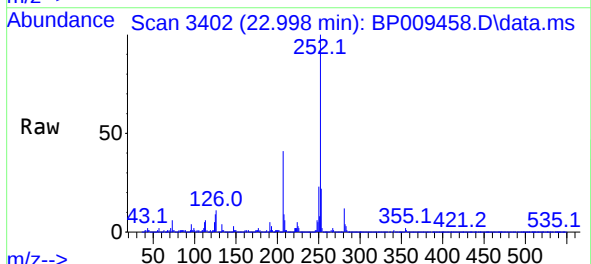
Tgt Ion: 276 Resp: 998770
Ion Ratio Lower Upper
276 100
138 20.9 20.5 30.7
277 25.4 20.4 30.6

Manual Integrations
APPROVED

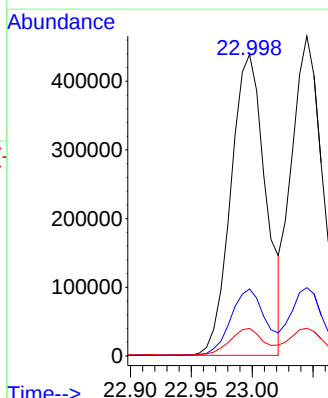
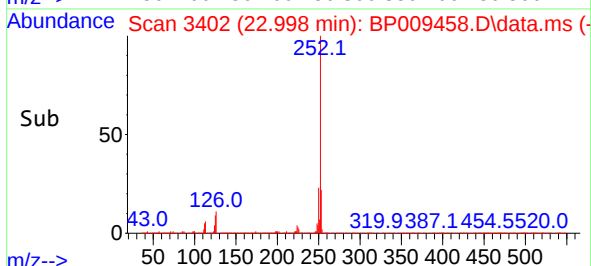
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#88
Benzo(b)fluoranthene
Concen: 9.799 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30



Tgt Ion: 252 Resp: 872756
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.1 8.1 12.1





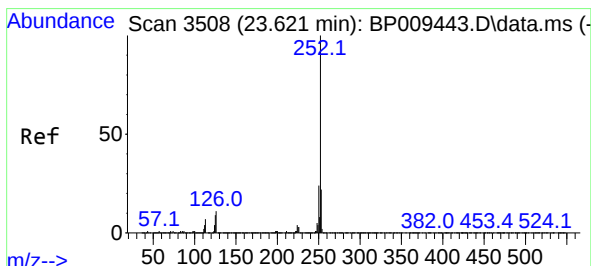
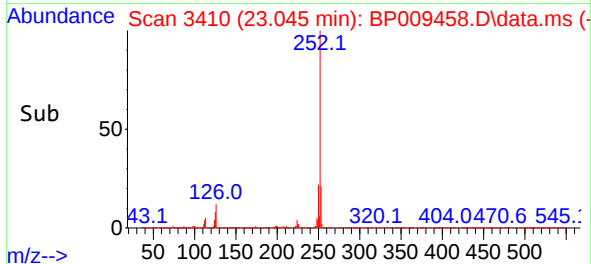
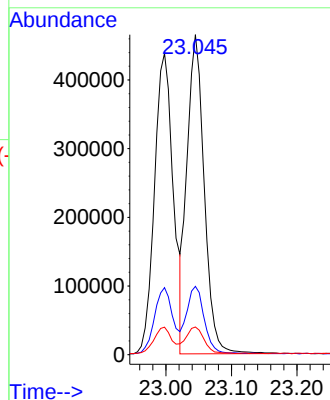
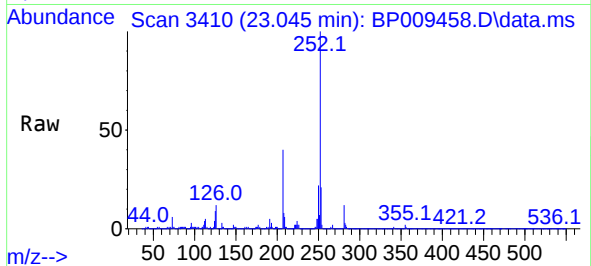
#89
Benzo(k)fluoranthene
Concen: 9.721 ng
RT: 23.045 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:252 Resp: 847750
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.7 8.3 12.5

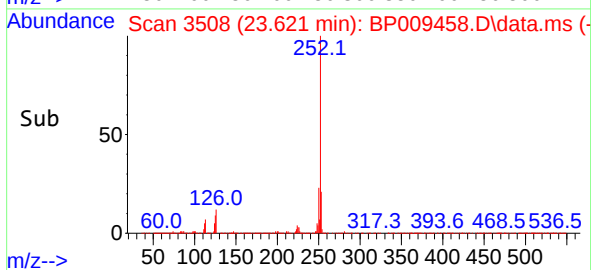
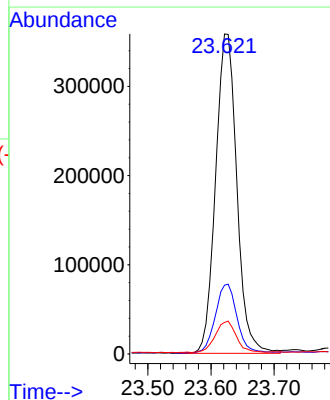
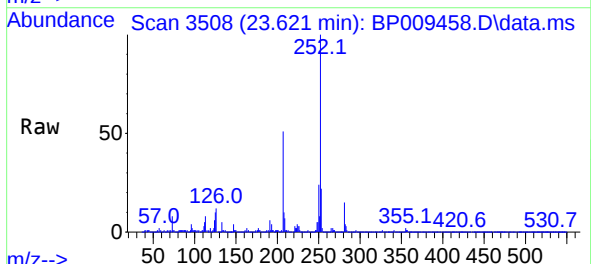
Manual Integrations
APPROVED

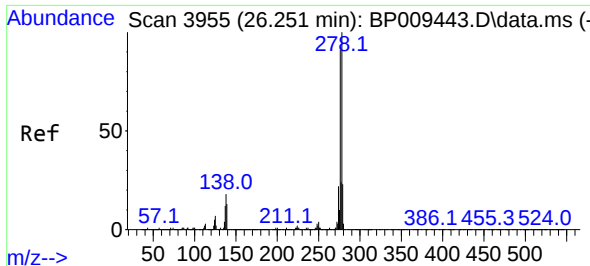
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#90
Benzo(a)pyrene
Concen: 10.981 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

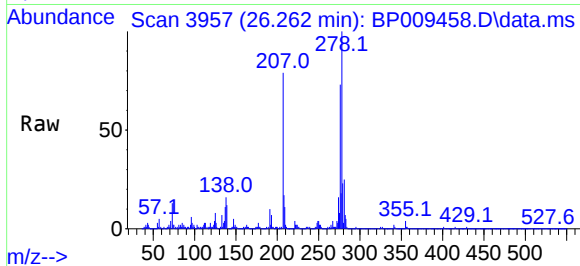
Tgt Ion:252 Resp: 836833
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.8 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 9.241 ng
RT: 26.262 min Scan# 3955
Delta R.T. 0.012 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

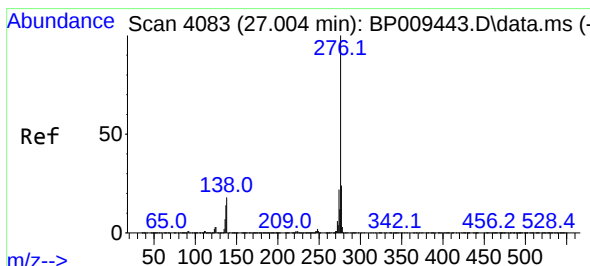
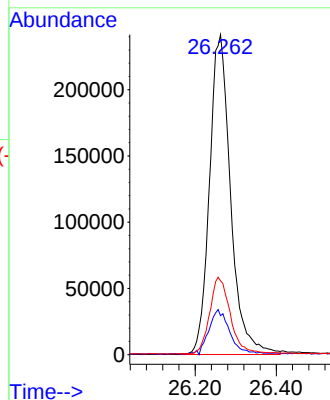
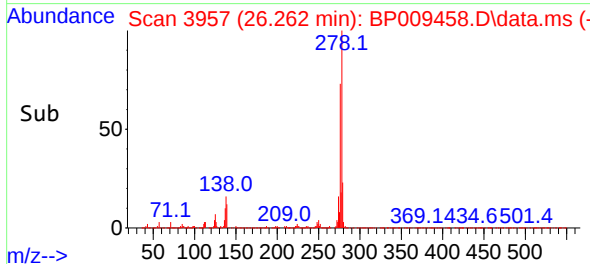
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:278 Resp: 871804
Ion Ratio Lower Upper
278 100
139 12.2 13.2 19.8
279 23.1 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#92
Benzo(g,h,i)perylene
Concen: 9.336 ng
RT: 27.009 min Scan# 4084
Delta R.T. 0.006 min
Lab File: BP009458.D
Acq: 18 Mar 2022 16:30

Tgt Ion:276 Resp: 866411
Ion Ratio Lower Upper
276 100
277 24.8 19.2 28.8
138 17.7 18.0 27.0#

