

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009455.D
 Acq On : 18 Mar 2022 13:46
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ--SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 18 14:32:30 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 14:30:34 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	7.805	152	255633	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	942255	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	614719	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1260856	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1373654	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	1472801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1561189	106.627	ng	0.00
7) Phenol-d6	6.993	99	1931123	97.528	ng	0.00
23) Nitrobenzene-d5	8.957	82	1285125	72.477	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	966515	95.280	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3138201	70.771	ng	0.00
79) Terphenyl-d14	19.786	244	4980071	65.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	29997	5.172	ng	97
3) Pyridine	3.740	79	60471	3.872	ng	# 91
4) n-Nitrosodimethylamine	3.640	42	25041	4.353	ng	# 97
6) Aniline	7.134	93	113394	5.025	ng	100
8) 2-Chlorophenol	7.375	128	78930	4.728	ng	99
9) Benzaldehyde	6.946	77	68150m	6.494	ng	
10) Phenol	7.016	94	92079	4.635	ng	83
11) bis(2-Chloroethyl)ether	7.228	93	73952	4.704	ng	98
12) 1,3-Dichlorobenzene	7.693	146	91559	4.859	ng	95
13) 1,4-Dichlorobenzene	7.840	146	92194	4.785	ng	97
14) 1,2-Dichlorobenzene	8.152	146	89806	4.823	ng	99
15) Benzyl Alcohol	8.116	79	81746m	5.178	ng	
16) 2,2'-oxybis(1-Chloropr...	8.340	45	81495	4.782	ng	90
17) 2-Methylphenol	8.263	107	57480	4.199	ng	97
18) Hexachloroethane	8.881	117	32487	4.811	ng	94
19) n-Nitroso-di-n-propyla...	8.610	70	52753	4.212	ng	95
20) 3+4-Methylphenols	8.616	107	72531	3.853	ng	# 42
22) Acetophenone	8.628	105	110867	4.754	ng	# 96
24) Nitrobenzene	8.999	77	86586	5.169	ng	95
25) Isophorone	9.534	82	144966	4.793	ng	98
26) 2-Nitrophenol	9.722	139	34272	3.925	ng	# 95
27) 2,4-Dimethylphenol	9.804	122	56687	4.601	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	84407	4.286	ng	98
29) 2,4-Dichlorophenol	10.293	162	57293	3.813	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	82339	4.729	ng	97
31) Naphthalene	10.646	128	240373	4.953	ng	99
32) Benzoic acid	10.034	122	18176m	1.887	ng	
33) 4-Chloroaniline	10.781	127	73263	3.699	ng	98
34) Hexachlorobutadiene	10.940	225	57300	4.857	ng	95
35) Caprolactam	11.551	113	18452	3.638	ng	# 81
36) 4-Chloro-3-methylphenol	11.922	107	66211	4.100	ng	98
37) 2-Methylnaphthalene	12.269	142	154088	4.525	ng	98
38) 1-Methylnaphthalene	12.481	142	155111	4.676	ng	100
40) 1,2,4,5-Tetrachloroben...	12.640	216	92841	4.552	ng	# 97
41) Hexachlorocyclopentadiene	12.616	237	16194	2.254	ng	96
43) 2,4,6-Trichlorophenol	12.893	196	52468	3.881	ng	95

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Instrument :
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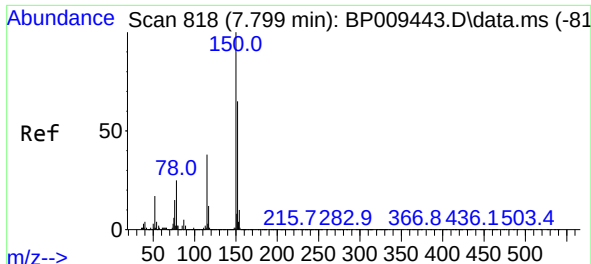
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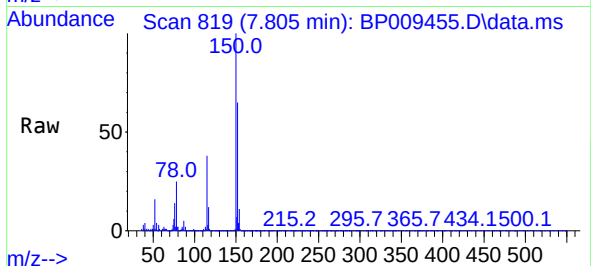
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	55452	3.777	ng	94
46) 1,1'-Biphenyl	13.281	154	227408	4.959	ng	99
47) 2-Chloronaphthalene	13.316	162	168990	4.681	ng	99
48) 2-Nitroaniline	13.534	65	37785	3.843	ng	98
49) Acenaphthylene	14.163	152	275571	4.944	ng	99
50) Dimethylphthalate	13.910	163	207759	4.460	ng	99
51) 2,6-Dinitrotoluene	14.022	165	40672	4.168	ng	95
52) Acenaphthene	14.510	154	158896	4.772	ng	99
53) 3-Nitroaniline	14.375	138	39118	3.795	ng	89
54) 2,4-Dinitrophenol	14.616	184	9601m	1.791	ng	
55) Dibenzofuran	14.845	168	258336	4.619	ng	97
56) 4-Nitrophenol	14.775	139	9025	1.175	ng	88
57) 2,4-Dinitrotoluene	14.822	165	49820	3.713	ng	97
58) Fluorene	15.498	166	204691	4.653	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.087	232	51754	3.889	ng	94
60) Diethylphthalate	15.275	149	198021	4.248	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	108735	4.487	ng	96
62) 4-Nitroaniline	15.545	138	38231m	3.532	ng	
63) Azobenzene	15.792	77	173950	4.289	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	17915	2.210	ng	99
66) n-Nitrosodiphenylamine	15.710	169	173705	4.655	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	66358	4.301	ng	93
68) Hexachlorobenzene	16.516	284	82491	4.646	ng	95
69) Atrazine	16.681	200	58653	4.471	ng	97
70) Pentachlorophenol	16.898	266	27963	2.946	ng	93
71) Phenanthrene	17.251	178	319762	4.738	ng	99
72) Anthracene	17.345	178	316844	4.755	ng	99
73) Carbazole	17.628	167	278509	4.274	ng	99
74) Di-n-butylphthalate	18.180	149	312807	4.096	ng	99
75) Fluoranthene	19.233	202	382234	4.678	ng	98
77) Benzidine	19.427	184	176513	5.242	ng	99
78) Pyrene	19.586	202	398078	4.398	ng	99
80) Butylbenzylphthalate	20.469	149	149654	3.890	ng	94
81) Benzo(a)anthracene	21.304	228	422396	4.680	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	159115	4.564	ng	98
83) Chrysene	21.357	228	395186	4.624	ng	97
84) Bis(2-ethylhexyl)phtha...	21.239	149	229305	4.276	ng	98
85) Di-n-octyl phthalate	22.163	149	390911	4.229	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	484814	4.339	ng	95
88) Benzo(b)fluoranthene	22.992	252	407604	4.636	ng	99
89) Benzo(k)fluoranthene	23.039	252	429291	4.987	ng	98
90) Benzo(a)pyrene	23.616	252	410418	5.456	ng	99
91) Dibenzo(a,h)anthracene	26.257	278	428944	4.606	ng	97
92) Benzo(g,h,i)perylene	27.004	276	431492	4.710	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

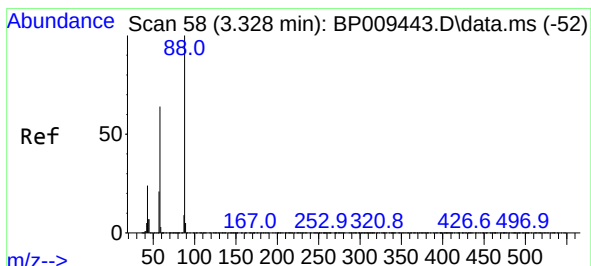
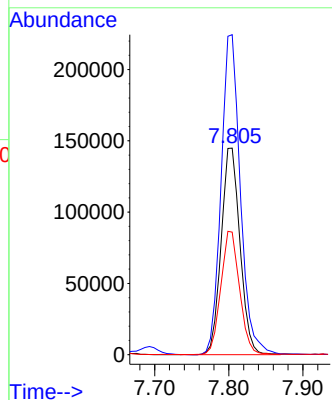
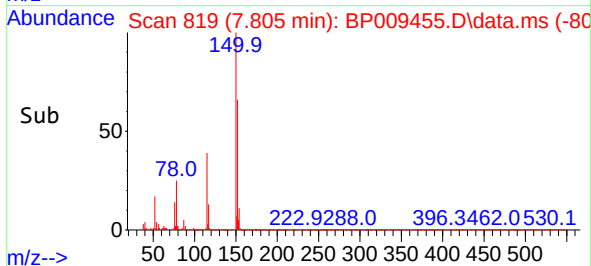
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:152 Resp: 25563
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 59.3 48.2 72.4

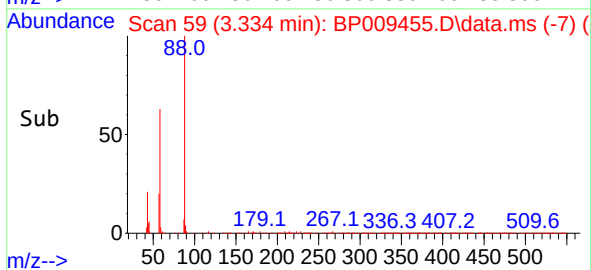
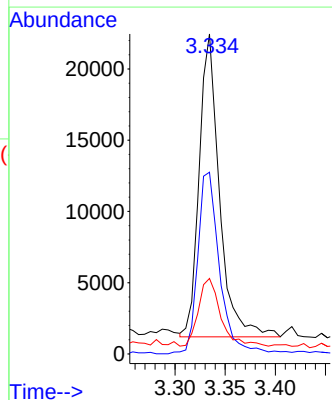
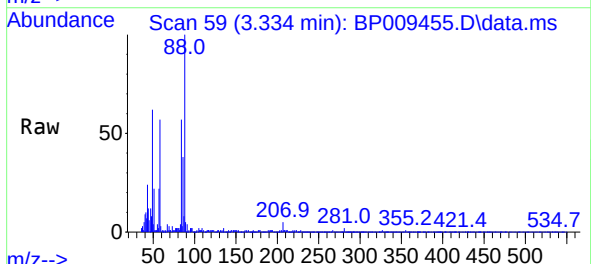
Manual Integrations
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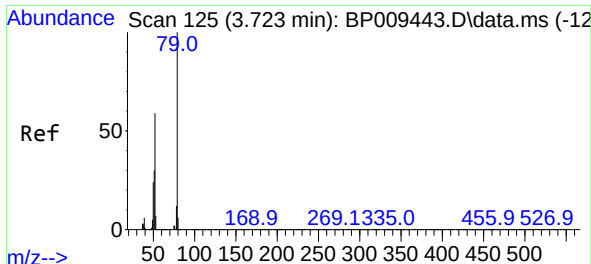
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 5.172 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

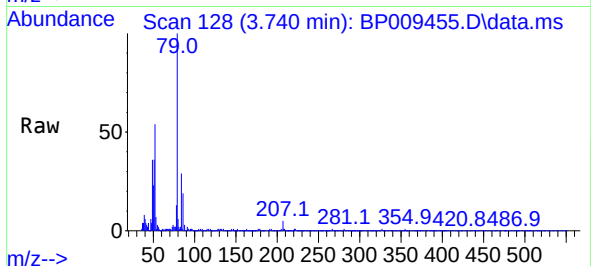
Tgt Ion: 88 Resp: 29997
Ion Ratio Lower Upper
88 100
58 64.6 54.2 81.2
43 24.2 20.4 30.6





#3
Pyridine
Concen: 3.872 ng
RT: 3.740 min Scan# 110
Delta R.T. 0.018 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

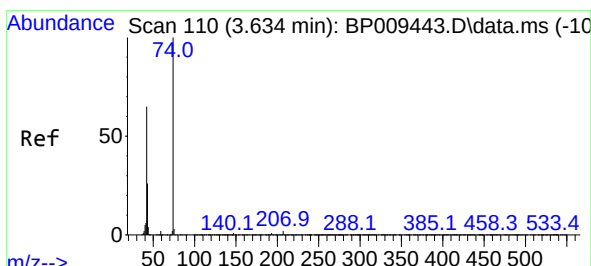
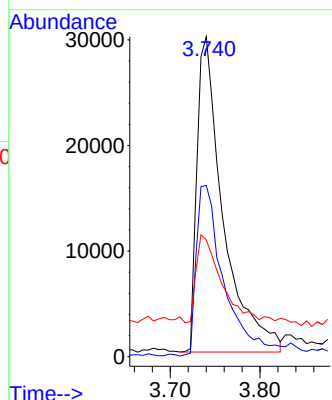
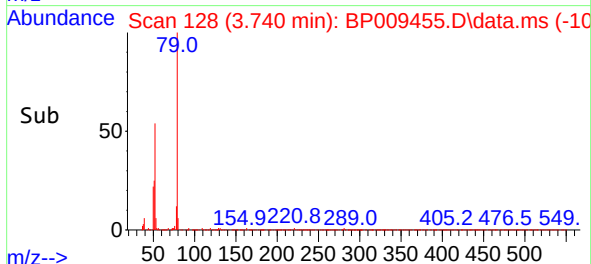
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



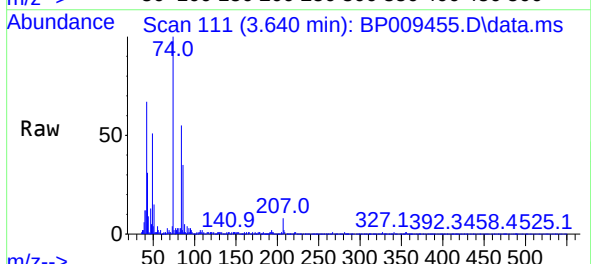
Tgt Ion: 79 Resp: 6047
Ion Ratio Lower Upper
79 100
52 53.5 47.5 71.3
51 36.4 24.1 36.1

Manual Integrations
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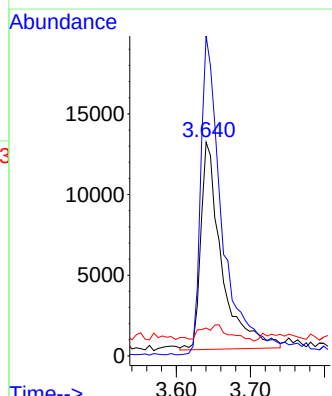
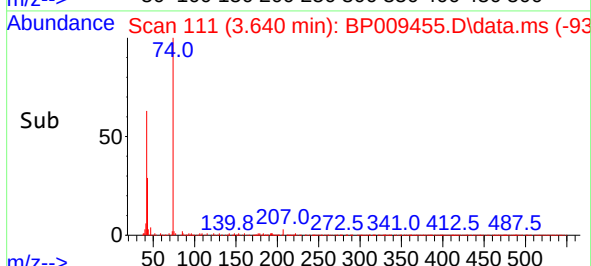
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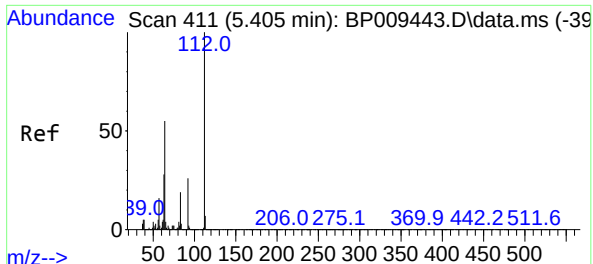


#4
n-Nitrosodimethylamine
Concen: 4.353 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



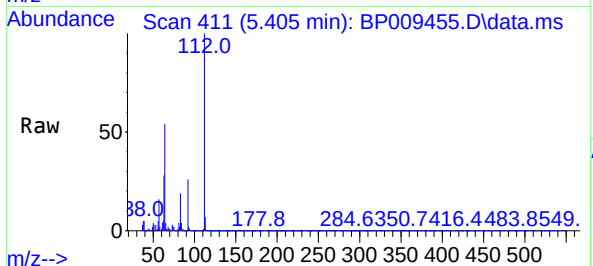
Tgt Ion: 42 Resp: 25041
Ion Ratio Lower Upper
42 100
74 149.8 122.1 183.1
44 13.1 5.8 8.8





#5
2-Fluorophenol
Concen: 106.627 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

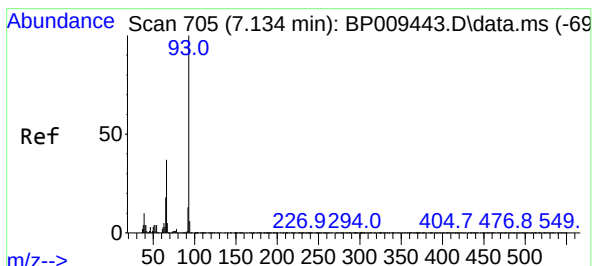
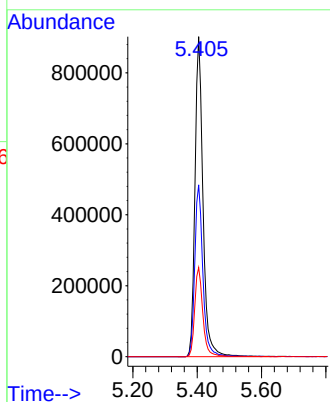
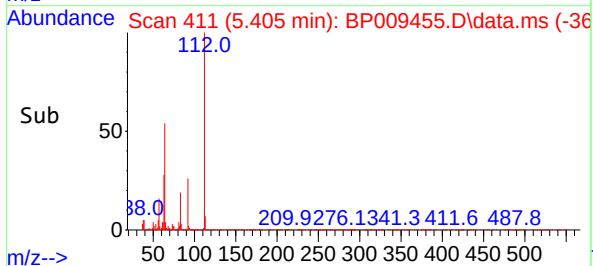
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 112 Resp: 1561189
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 27.8 23.0 34.6

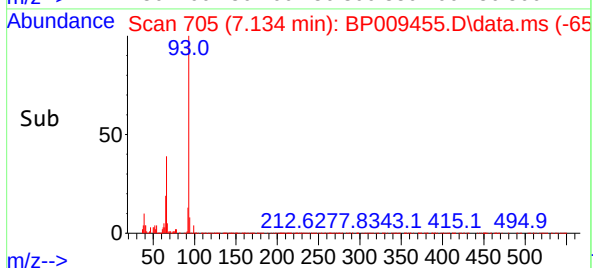
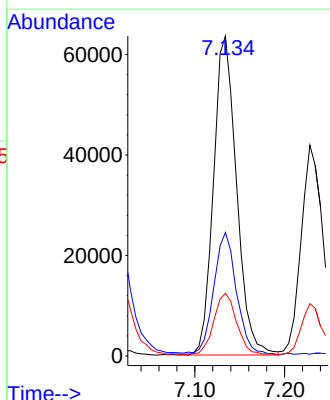
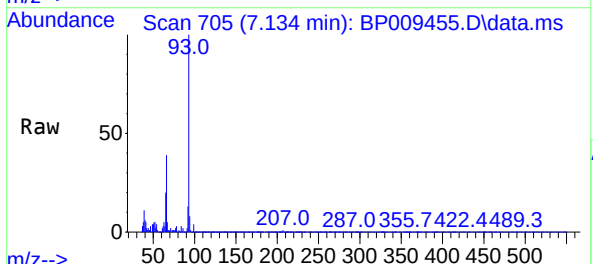
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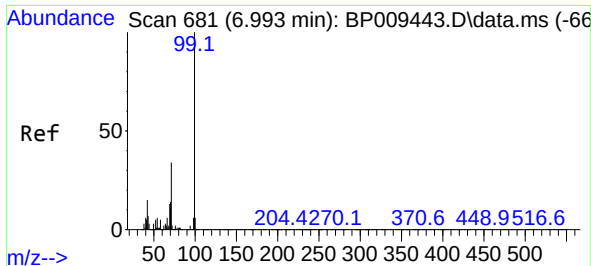
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#6
Aniline
Concen: 5.025 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

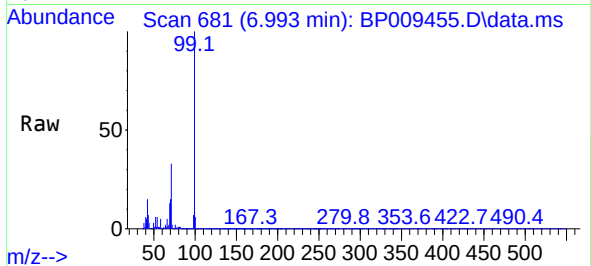
Tgt Ion: 93 Resp: 113394
Ion Ratio Lower Upper
93 100
66 38.6 30.9 46.3
65 19.6 15.8 23.8





#7
Phenol-d6
Concen: 97.528 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

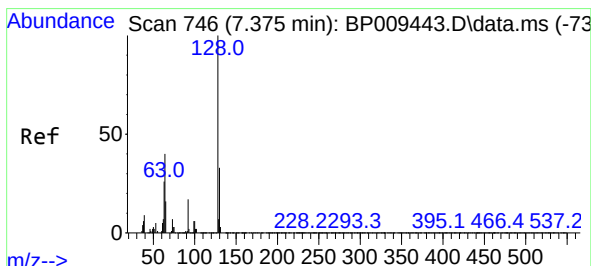
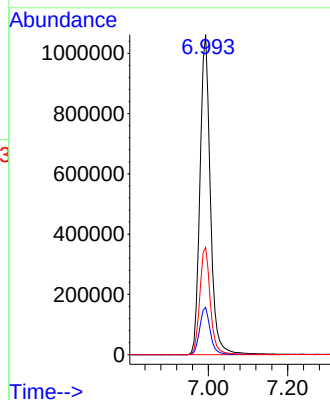
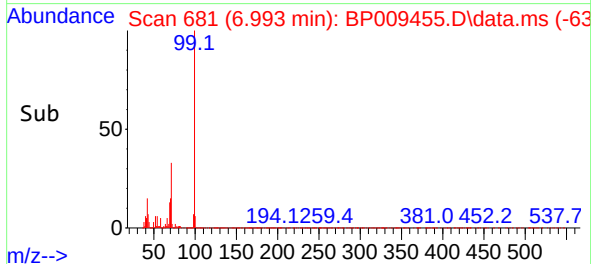
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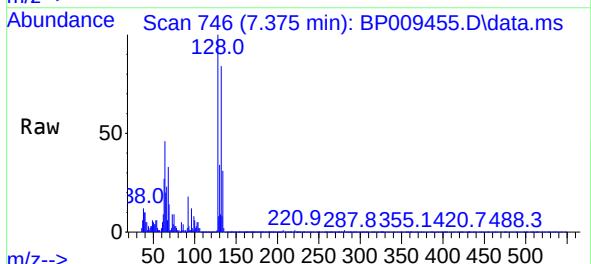
Tgt Ion: 99 Resp: 193112
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.5 26.3 39.5

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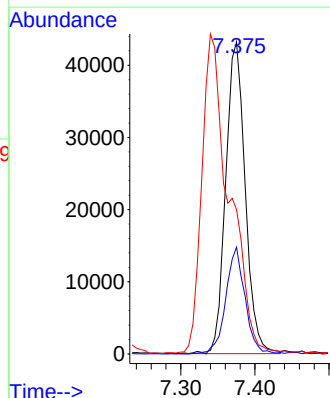
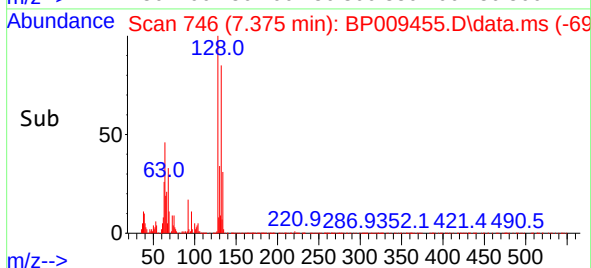
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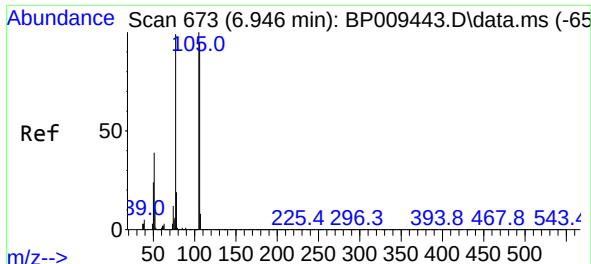


#8
2-Chlorophenol
Concen: 4.728 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



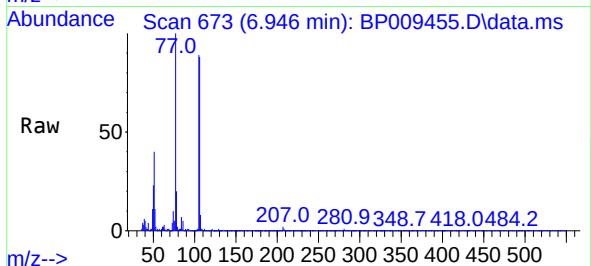
Tgt Ion:128 Resp: 78930
Ion Ratio Lower Upper
128 100
130 34.2 12.5 52.5
64 46.3 26.2 66.2





#9
Benzaldehyde
Concen: 6.494 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

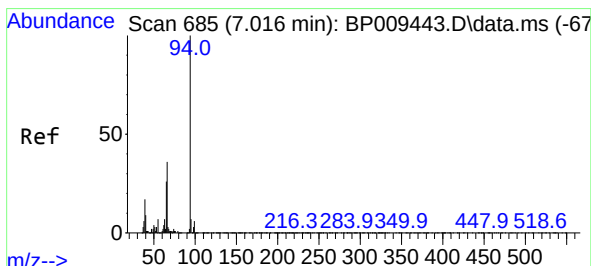
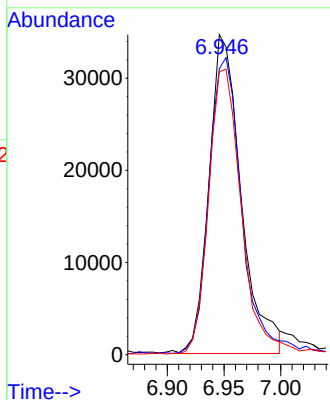
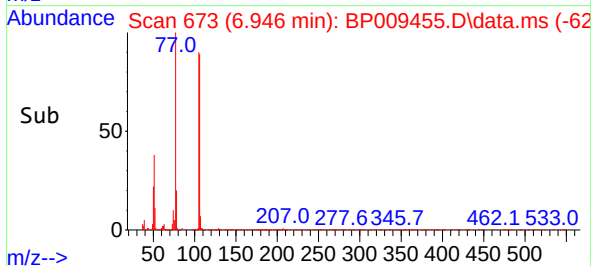
Instrument :
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ClientSampleId :
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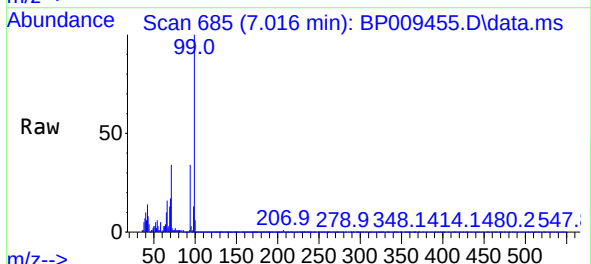
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Ion Ratio Lower Upper
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106 88.4 72.3 112.3

Manual Integrations
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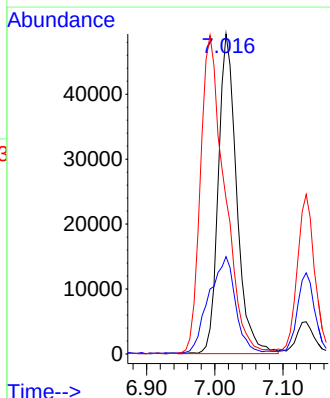
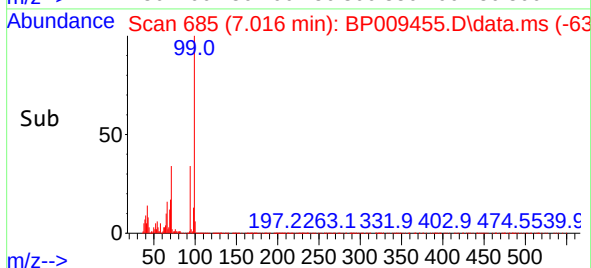
Reviewed By :Christian Giraldo 03/21/2022
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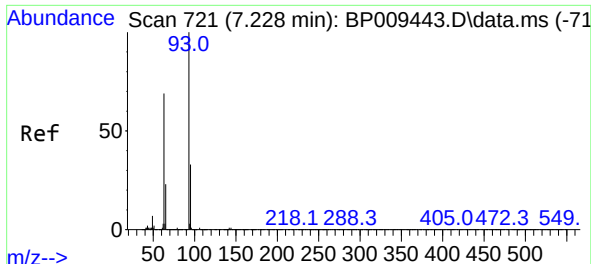


#10
Phenol
Concen: 4.635 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



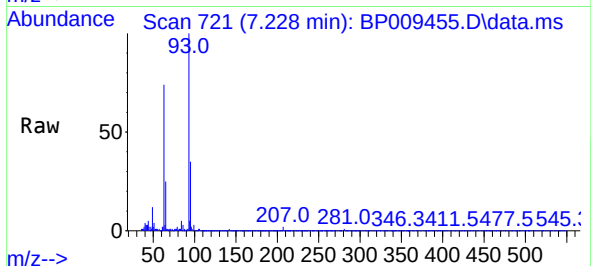
Tgt Ion: 94 Resp: 92079
Ion Ratio Lower Upper
94 100
65 30.4 7.2 47.2
66 48.6 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 4.704 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

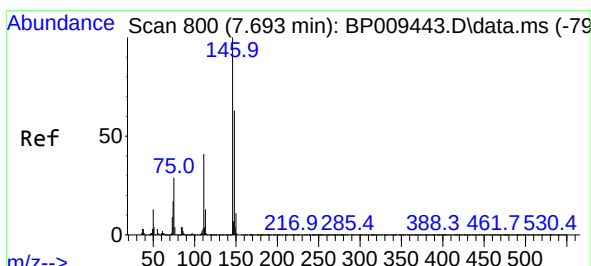
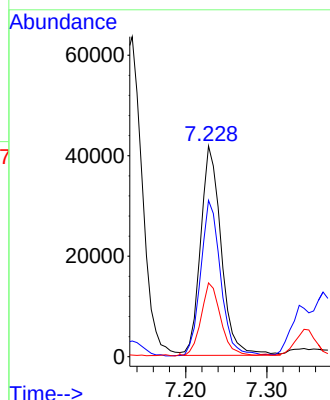
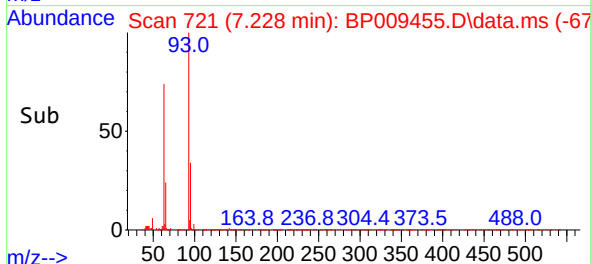
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



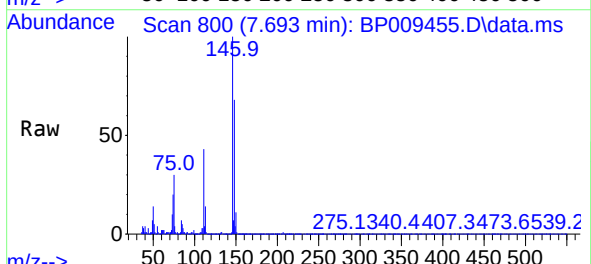
Tgt Ion: 93 Resp: 73952
Ion Ratio Lower Upper
93 100
63 74.2 53.5 93.5
95 35.0 12.0 52.0

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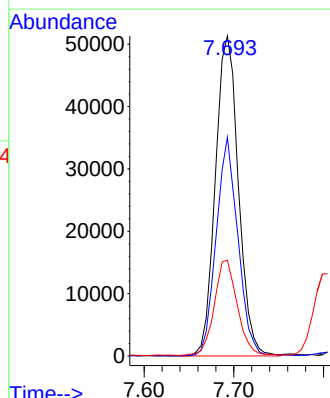
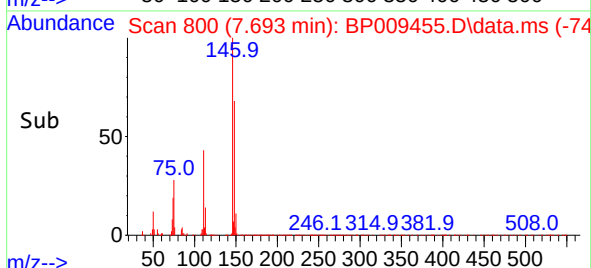
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

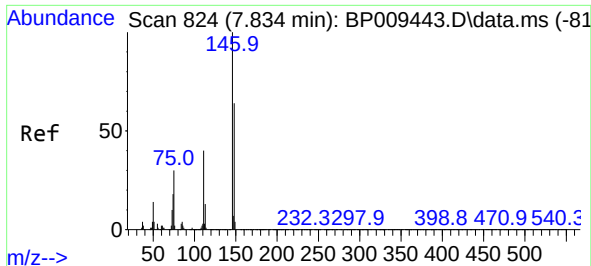


#12
1,3-Dichlorobenzene
Concen: 4.859 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



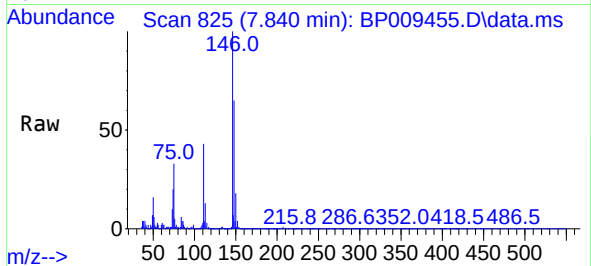
Tgt Ion:146 Resp: 91559
Ion Ratio Lower Upper
146 100
148 68.3 51.4 77.0
75 29.9 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 4.785 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

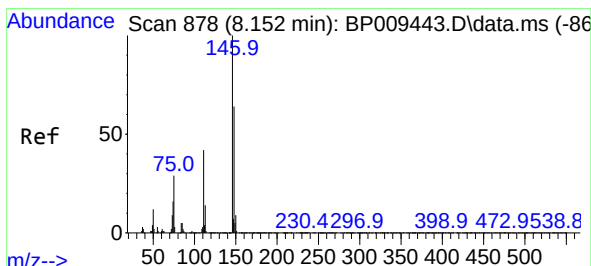
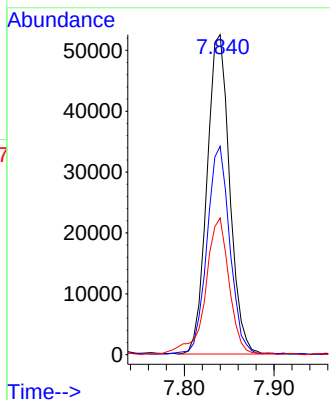
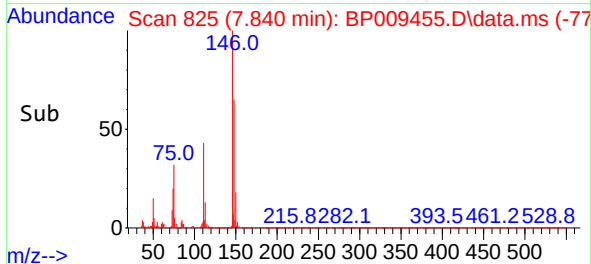
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:146 Resp: 92194
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 42.7 32.1 48.1

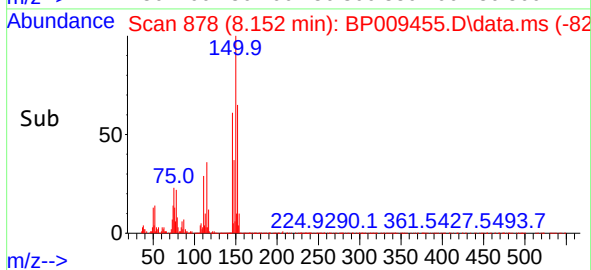
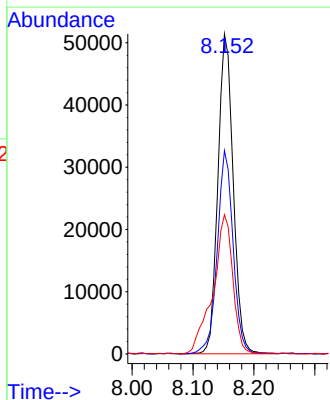
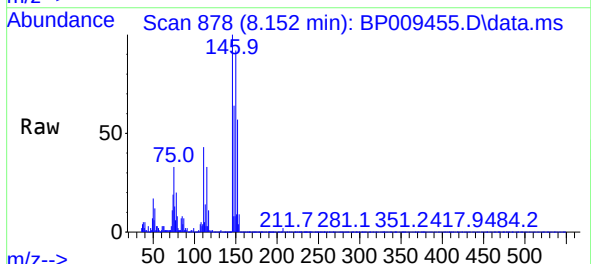
Manual Integrations
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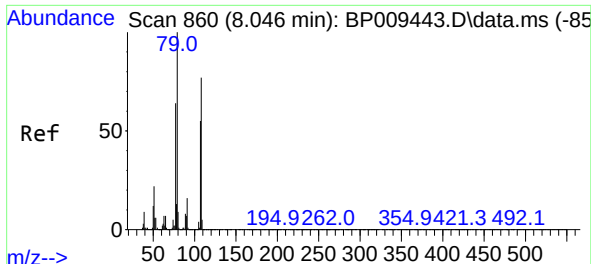
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#14
1,2-Dichlorobenzene
Concen: 4.823 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

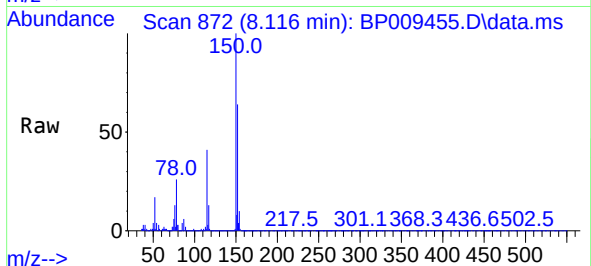
Tgt Ion:146 Resp: 89806
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 43.5 34.1 51.1





#15
Benzyl Alcohol
Concen: 5.178 ng m
RT: 8.116 min Scan# 81
Delta R.T. 0.071 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

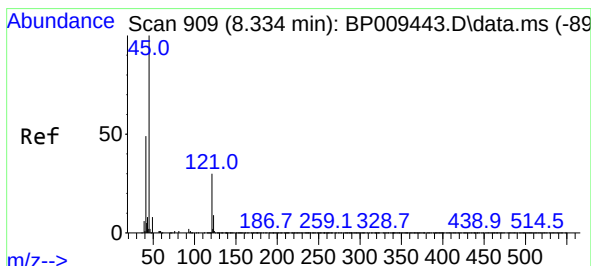
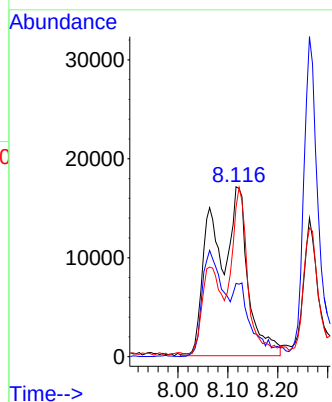
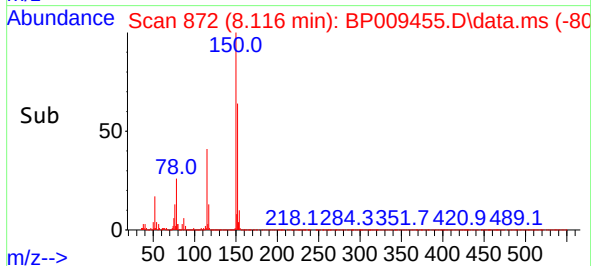
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 79 Resp: 81740
Ion Ratio Lower Upper
79 100
108 43.1 62.5 93.7
77 87.9 51.7 77.5

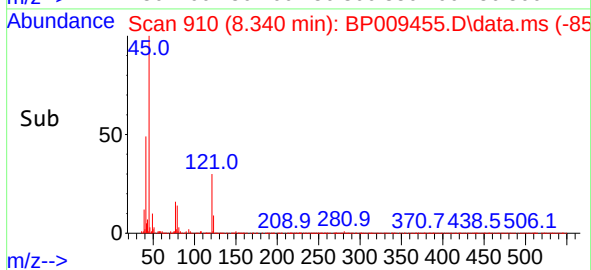
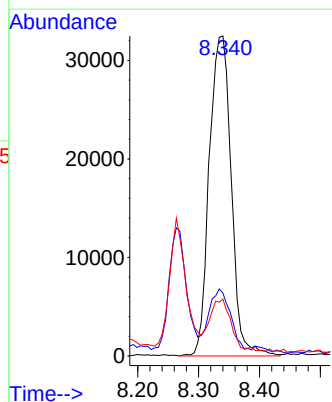
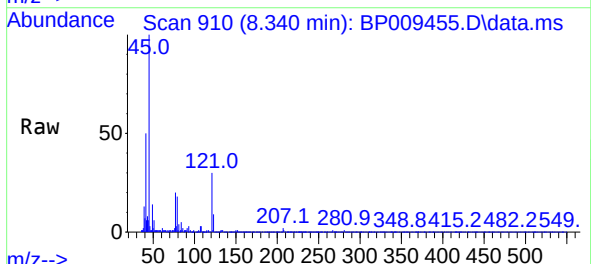
Manual Integrations
APPROVED

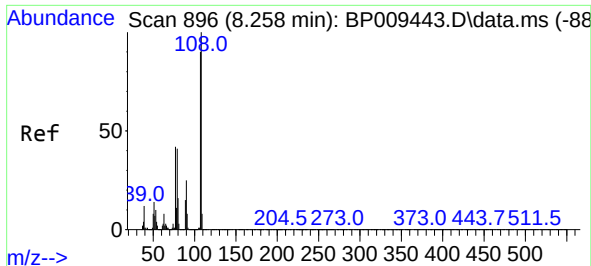
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.782 ng
RT: 8.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

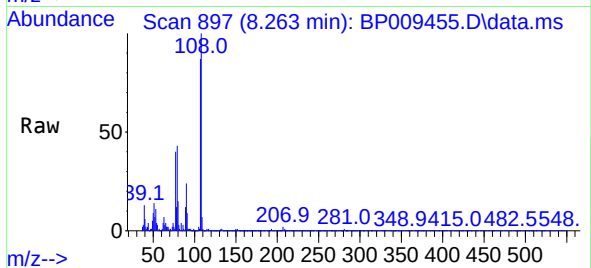
Tgt Ion: 45 Resp: 81495
Ion Ratio Lower Upper
45 100
77 19.7 0.0 36.5
79 17.8 0.0 32.4





#17
2-Methylphenol
Concen: 4.199 ng
RT: 8.263 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

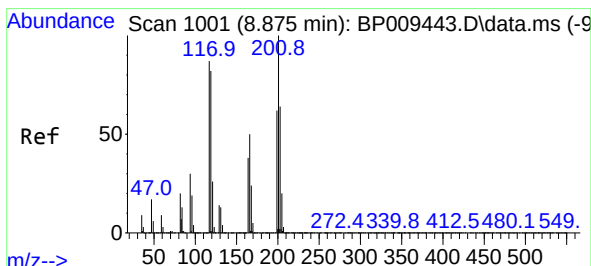
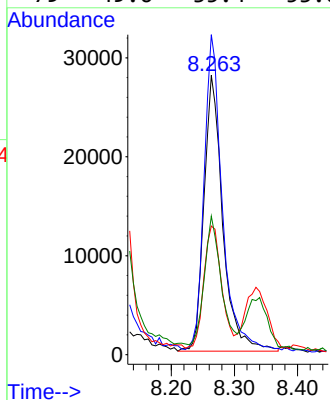
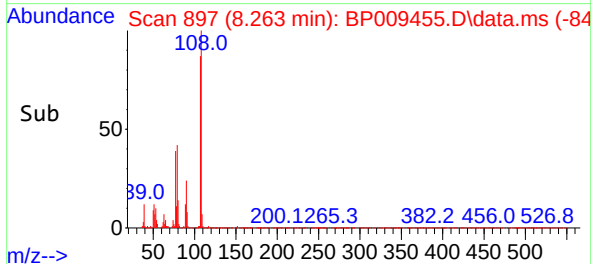
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



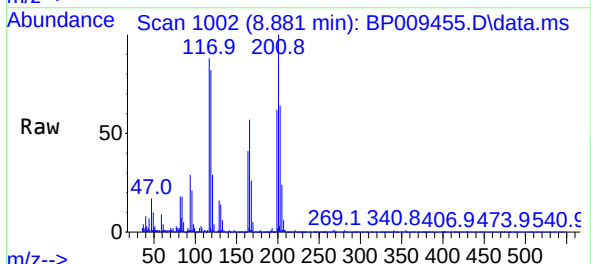
Tgt Ion:107 Resp: 57480
Ion Ratio Lower Upper
107 100
108 114.6 90.2 135.2
77 46.1 36.3 54.5
79 49.6 35.4 53.0

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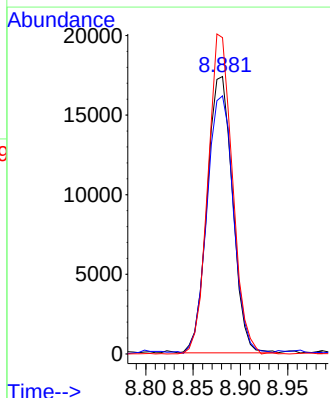
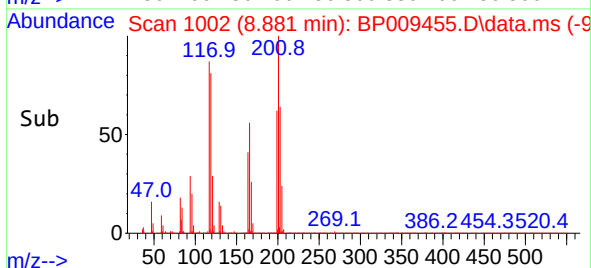
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

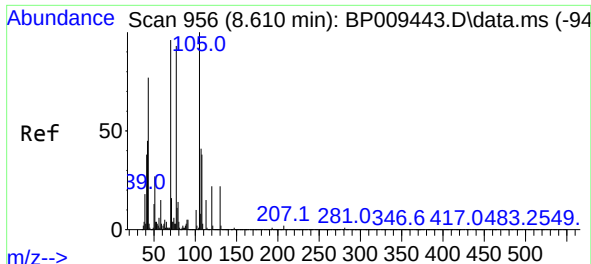


#18
Hexachloroethane
Concen: 4.811 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



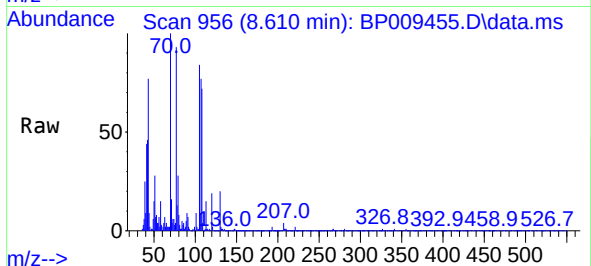
Tgt Ion:117 Resp: 32487
Ion Ratio Lower Upper
117 100
119 93.0 76.4 114.6
201 114.0 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 4.212 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

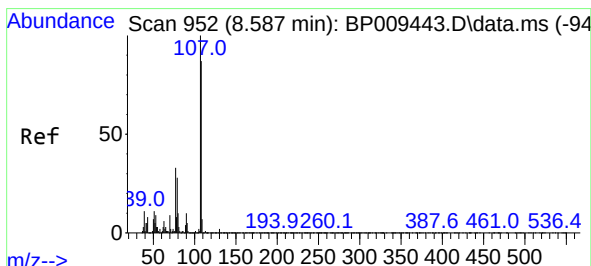
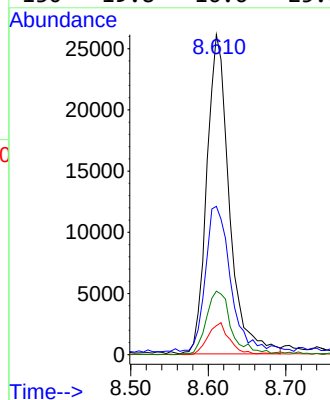
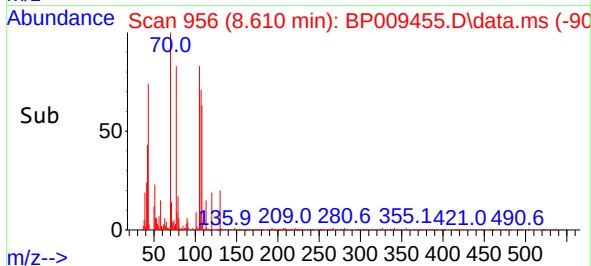
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



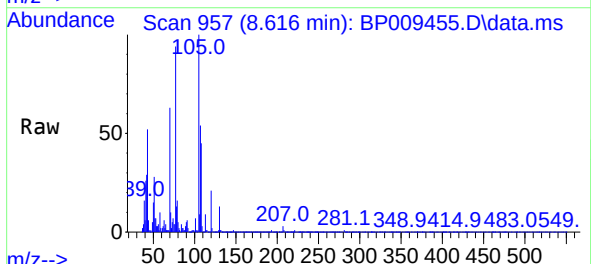
Tgt Ion: 70 Resp: 5275
Ion Ratio Lower Upper
70 100
42 46.4 41.0 61.4
101 9.0 7.9 11.9
130 19.8 16.6 25.0

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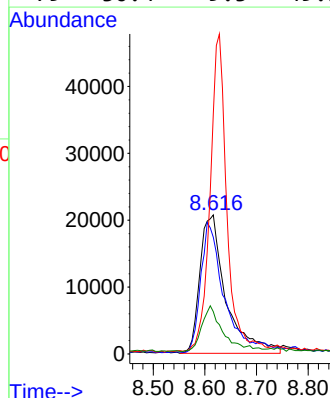
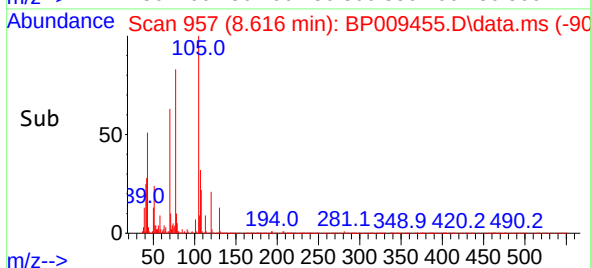
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

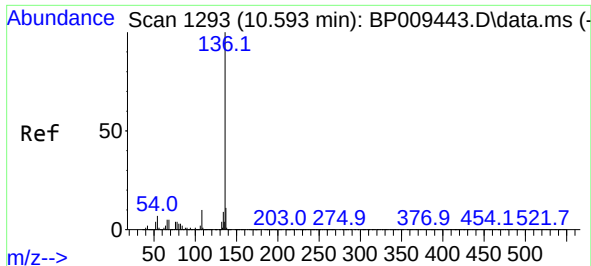


#20
3+4-Methylphenols
Concen: 3.853 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.029 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



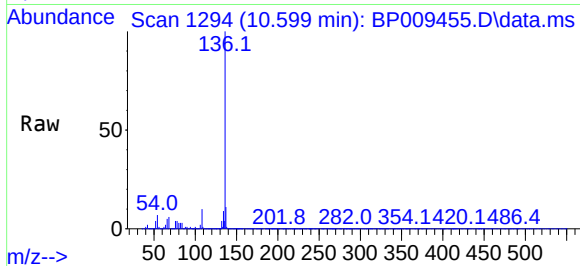
Tgt Ion: 107 Resp: 72531
Ion Ratio Lower Upper
107 100
108 83.9 69.4 109.4
77 173.0 13.6 53.6#
79 30.4 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

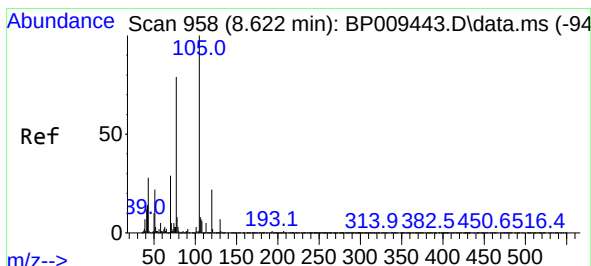
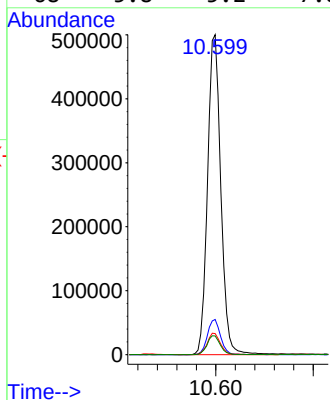
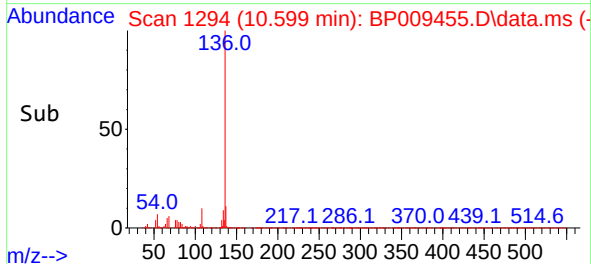
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:136 Resp: 94225
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 5.8 8.8
68 5.8 5.2 7.8

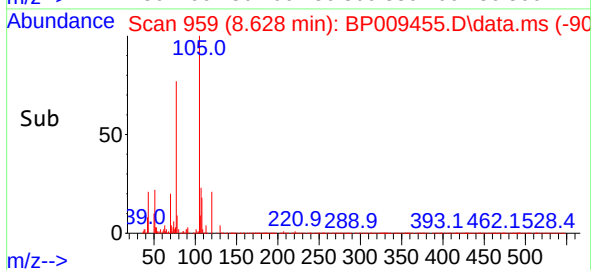
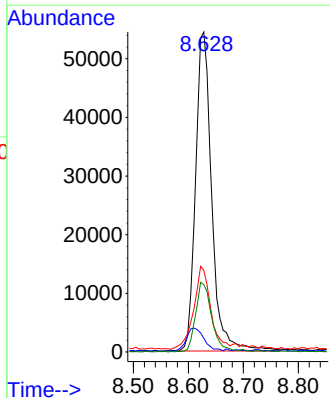
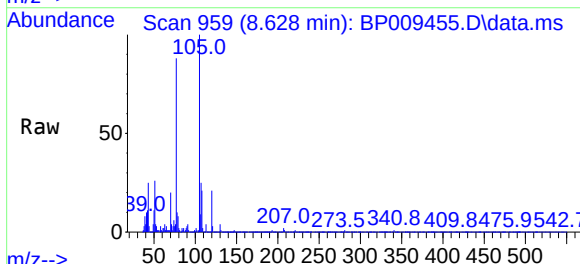
Manual Integrations
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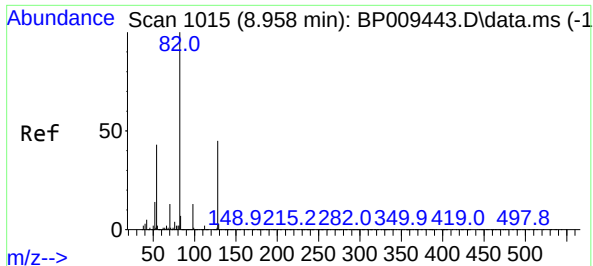
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 4.754 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

Tgt Ion:105 Resp: 110867
Ion Ratio Lower Upper
105 100
71 4.3 5.5 8.3
51 25.6 18.9 28.3
120 21.1 18.1 27.1





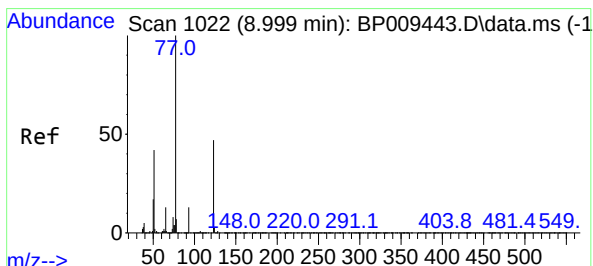
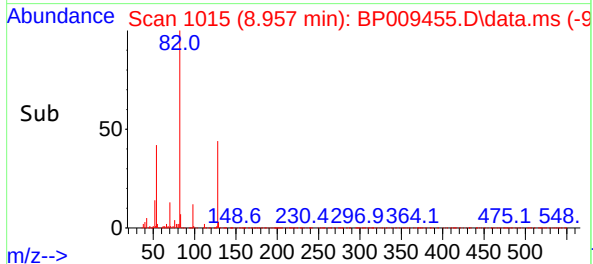
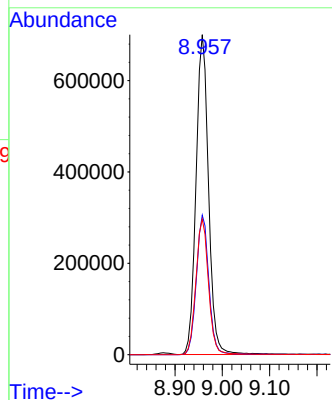
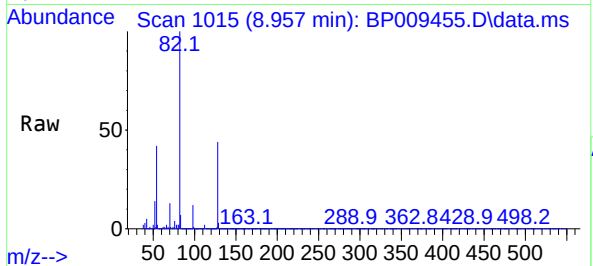
#23
Nitrobenzene-d5
Concen: 72.477 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion: 82 Resp: 128512
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 42.4 34.7 52.1

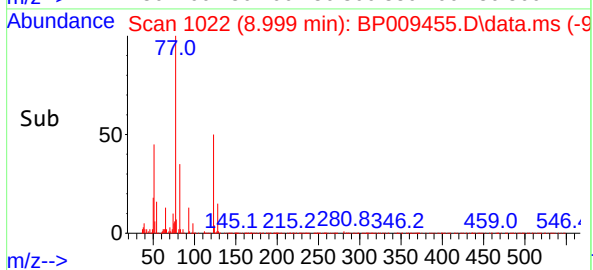
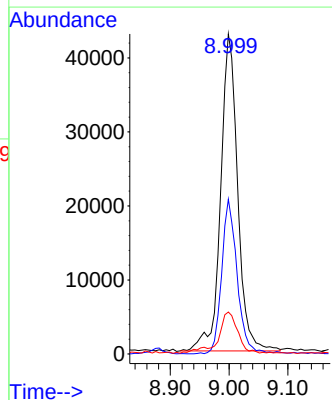
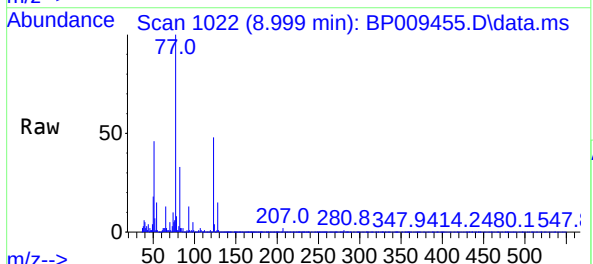
Manual Integrations
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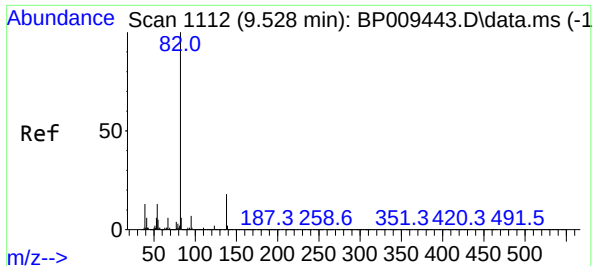
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#24
Nitrobenzene
Concen: 5.169 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

Tgt Ion: 77 Resp: 86586
Ion Ratio Lower Upper
77 100
123 48.4 35.5 53.3
65 13.1 10.3 15.5





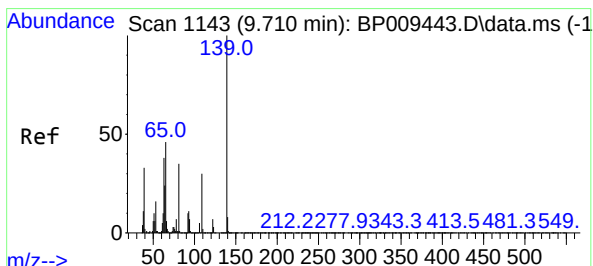
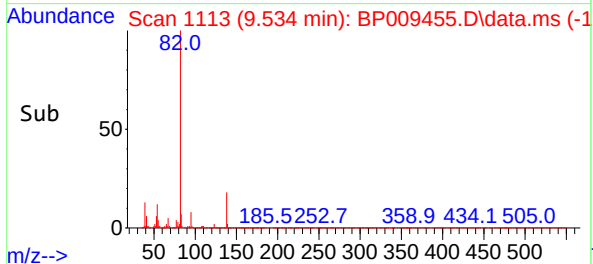
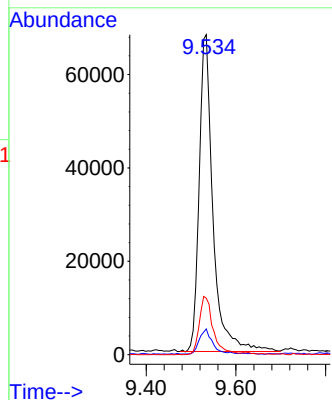
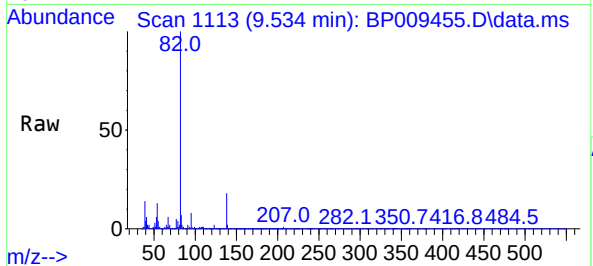
#25
Isophorone
Concen: 4.793 ng
RT: 9.534 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion: 82 Resp: 144960
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.6 13.8 20.8

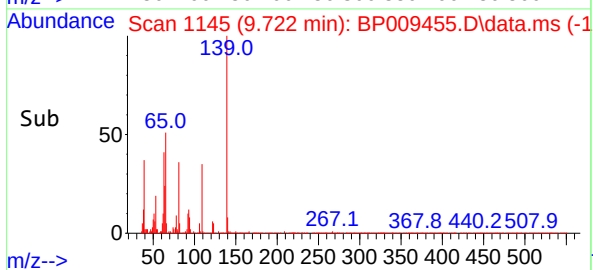
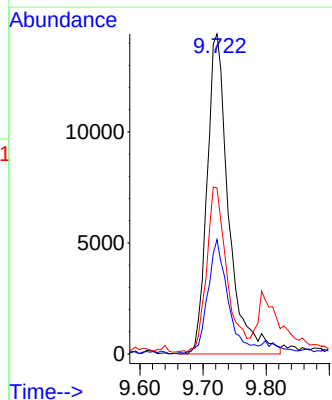
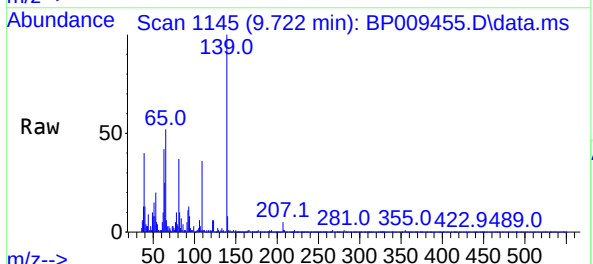
Manual Integrations
APPROVED

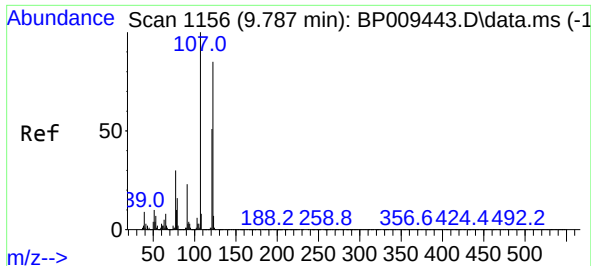
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
2-Nitrophenol
Concen: 3.925 ng
RT: 9.722 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

Tgt Ion:139 Resp: 34272
Ion Ratio Lower Upper
139 100
109 35.8 23.4 35.0#
65 51.9 41.0 61.6





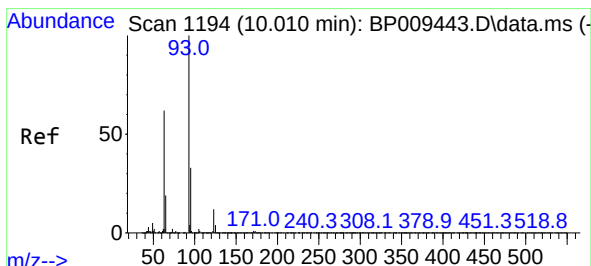
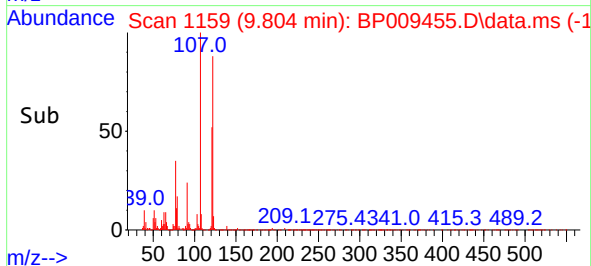
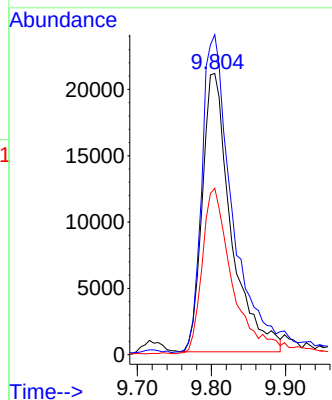
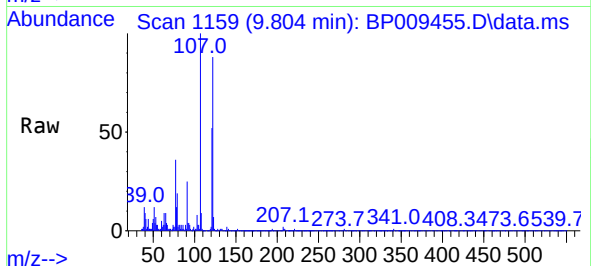
#27
2,4-Dimethylphenol
Concen: 4.601 ng
RT: 9.804 min Scan# 1159
Delta R.T. 0.018 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:122 Resp: 5668
Ion Ratio Lower Upper
122 100
107 113.8 92.6 138.8
121 59.2 46.7 70.1

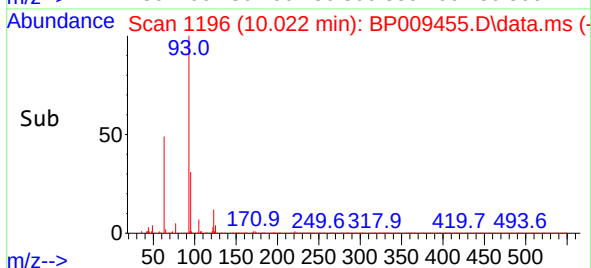
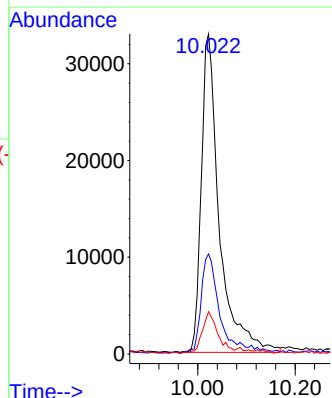
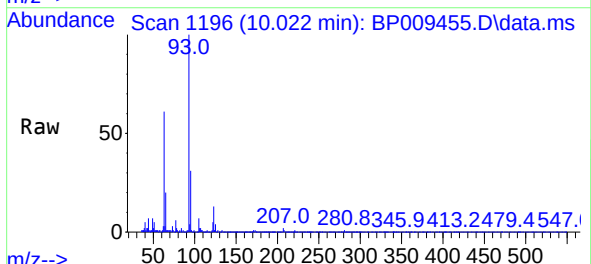
Manual Integrations
APPROVED

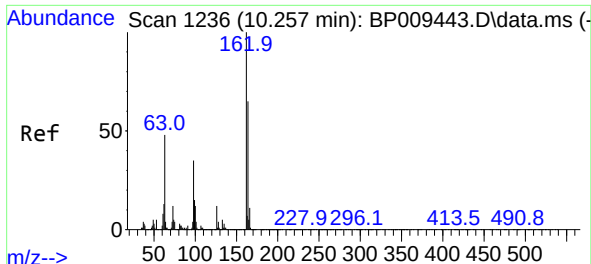
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 4.286 ng
RT: 10.022 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

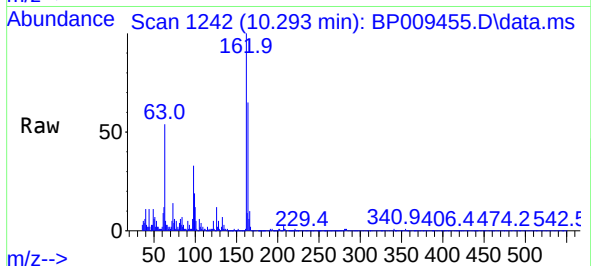
Tgt Ion: 93 Resp: 84407
Ion Ratio Lower Upper
93 100
95 31.3 25.5 38.3
123 13.2 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 3.813 ng
RT: 10.293 min Scan# 1242
Delta R.T. 0.035 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

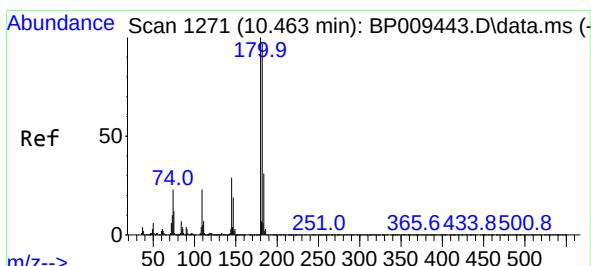
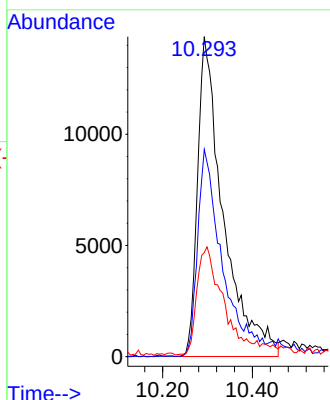
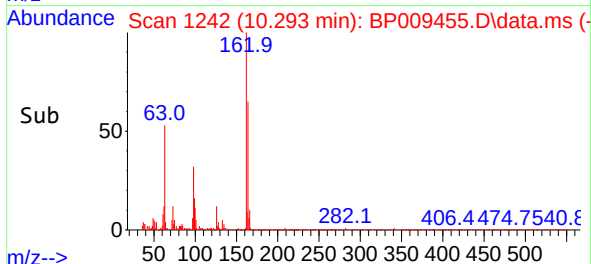
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



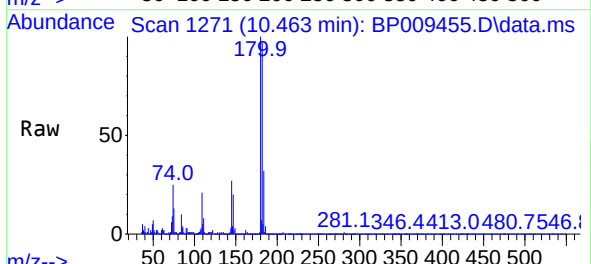
Tgt Ion:162 Resp: 5729
Ion Ratio Lower Upper
162 100
164 64.8 44.3 84.3
98 32.6 15.6 55.6

Manual Integrations
APPROVED

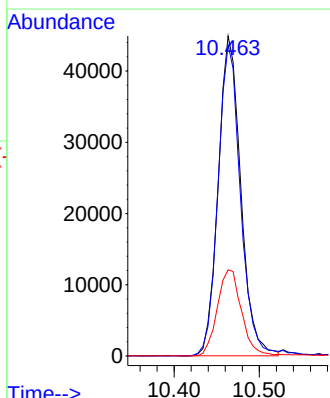
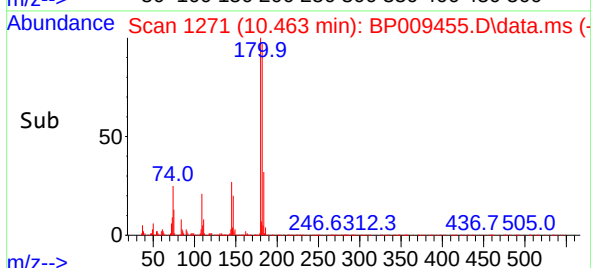
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

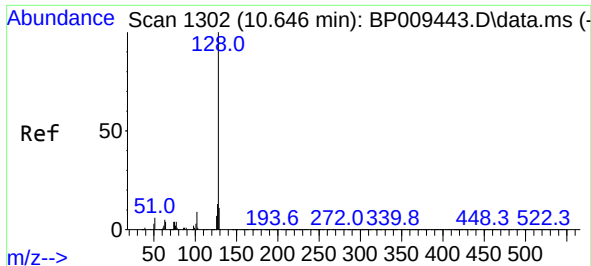


#30
1,2,4-Trichlorobenzene
Concen: 4.729 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



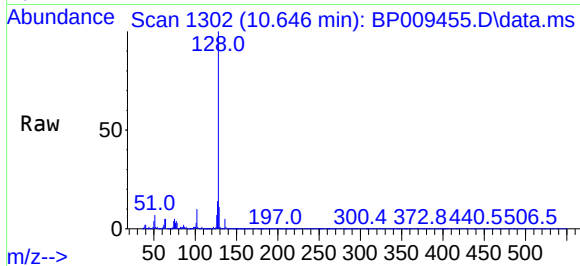
Tgt Ion:180 Resp: 82339
Ion Ratio Lower Upper
180 100
182 97.2 76.4 114.6
145 26.9 23.8 35.6





#31
Naphthalene
Concen: 4.953 ng
RT: 10.646 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

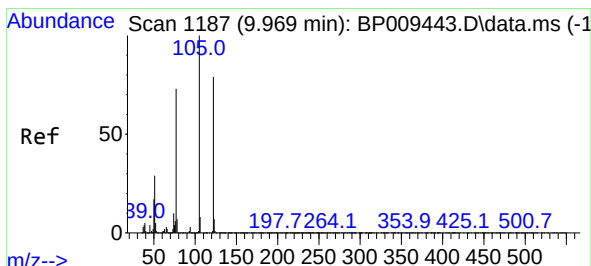
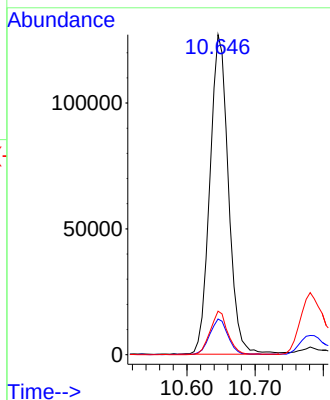
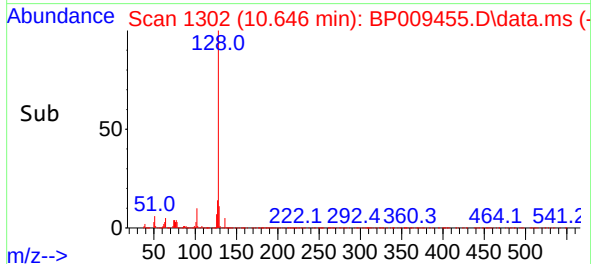
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:128 Resp: 24037
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.5 15.7

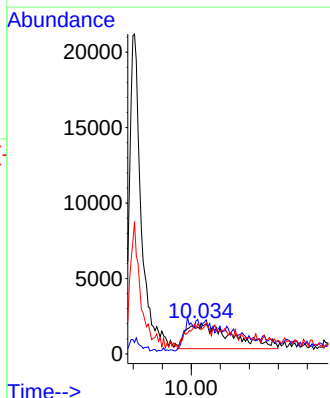
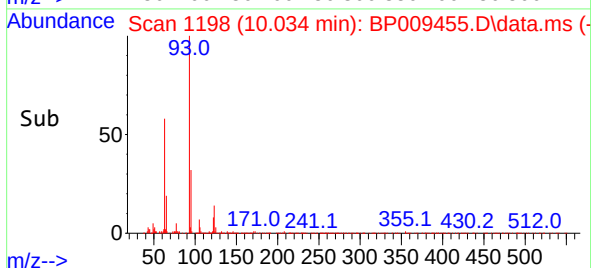
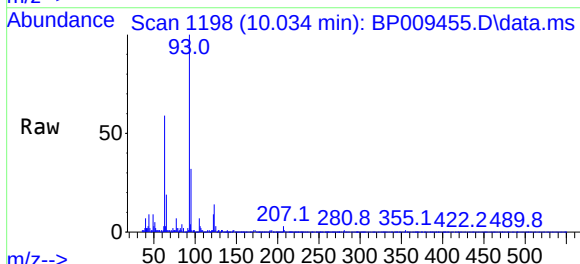
Manual Integrations
APPROVED

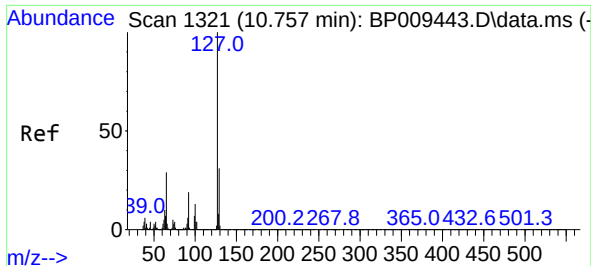
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 1.887 ng m
RT: 10.034 min Scan# 1198
Delta R.T. 0.065 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

Tgt Ion:122 Resp: 18176
Ion Ratio Lower Upper
122 100
105 83.5 110.5 150.5#
77 78.8 79.9 119.9#





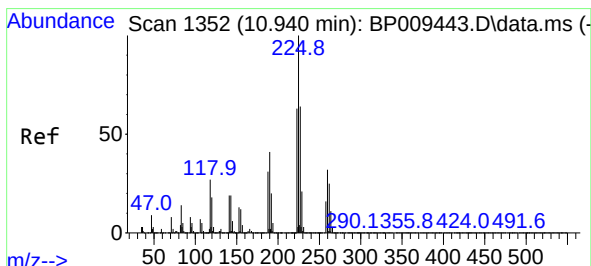
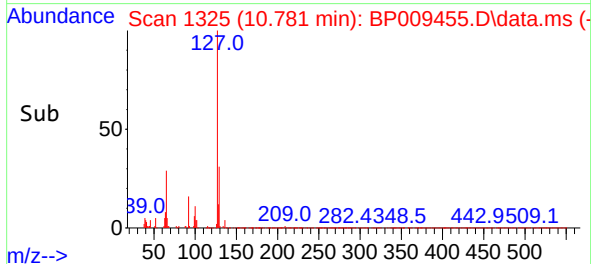
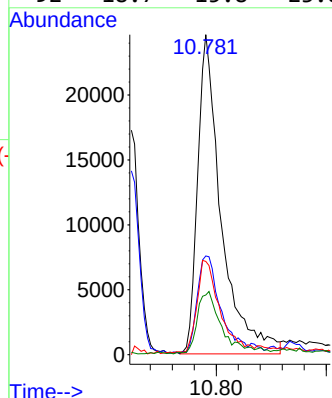
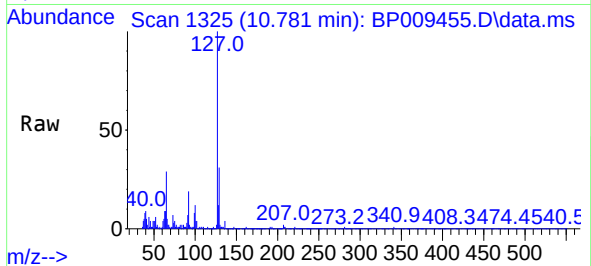
#33
4-Chloroaniline
Concen: 3.699 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:	127	Resp:	7326
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.5	38.3
65	29.2	24.3	36.5
92	18.7	15.8	23.8

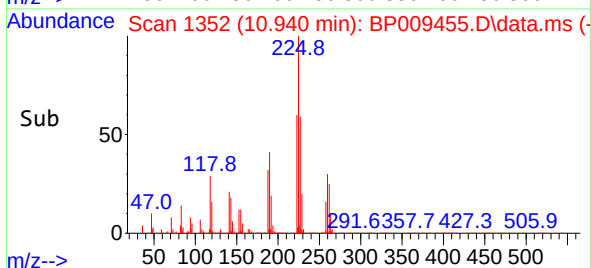
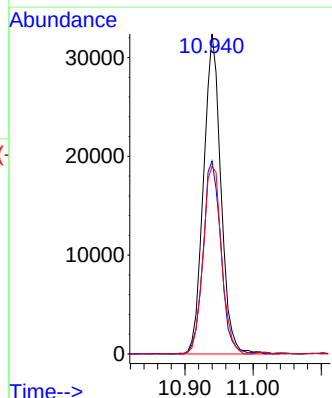
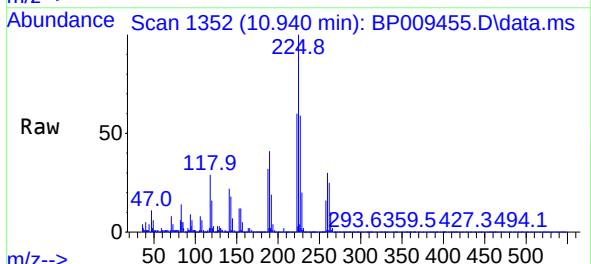
Manual Integrations
APPROVED

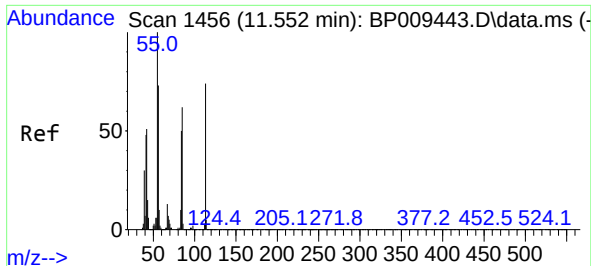
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 4.857 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

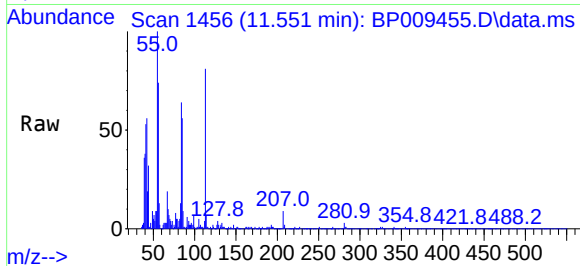
Tgt Ion:	225	Resp:	57300
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.5	75.7
227	58.7	51.2	76.8





#35
Caprolactam
Concen: 3.638 ng
RT: 11.551 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

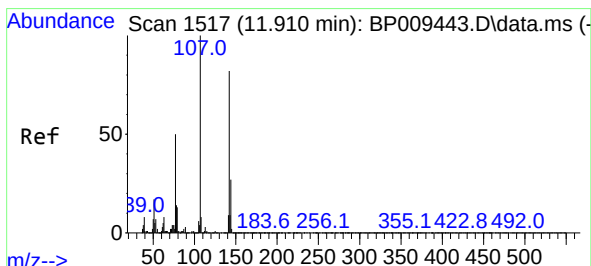
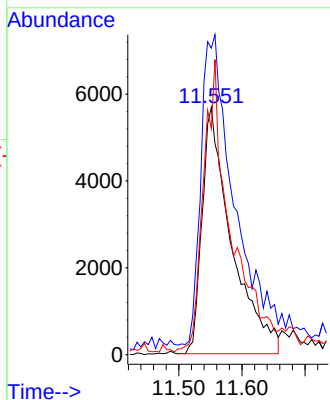
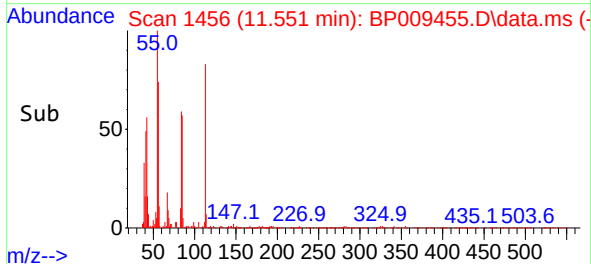
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



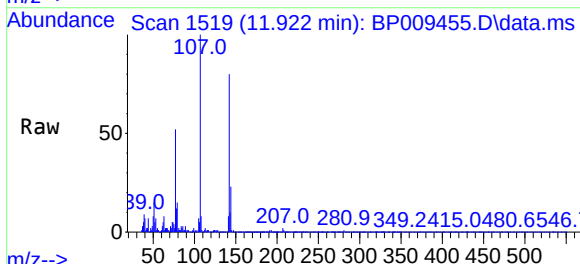
Tgt Ion:113 Resp: 1845
Ion Ratio Lower Upper
113 100
55 123.9 128.4 168.4
56 91.4 90.9 130.9

Manual Integrations
APPROVED

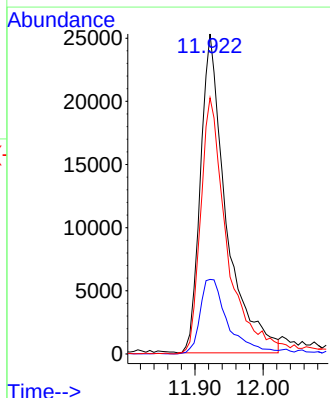
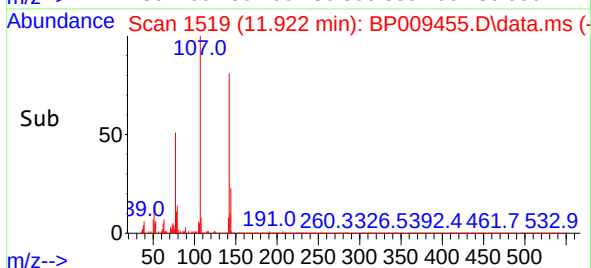
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

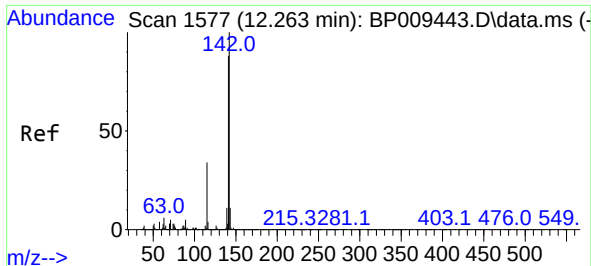


#36
4-Chloro-3-methylphenol
Concen: 4.100 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



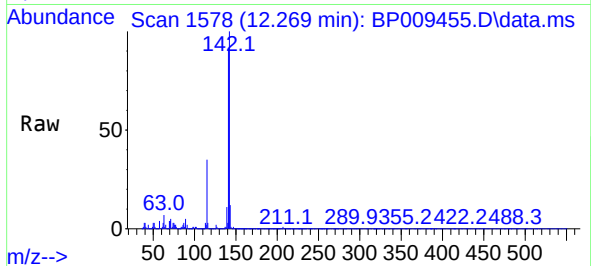
Tgt Ion:107 Resp: 66211
Ion Ratio Lower Upper
107 100
144 23.3 21.0 31.4
142 80.1 64.9 97.3





#37
2-Methylnaphthalene
Concen: 4.525 ng
RT: 12.269 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

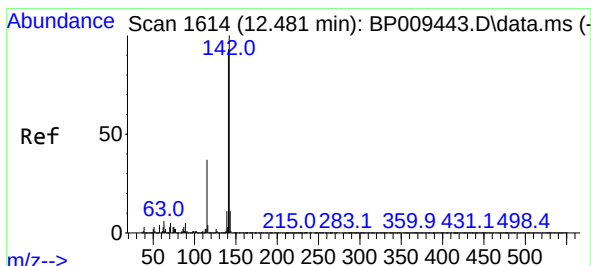
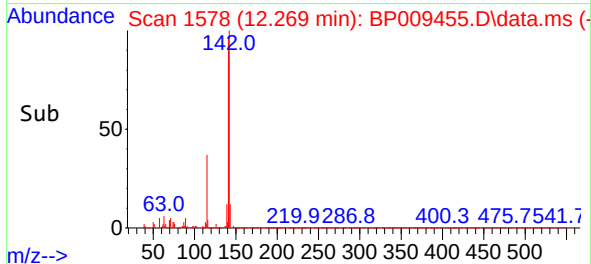
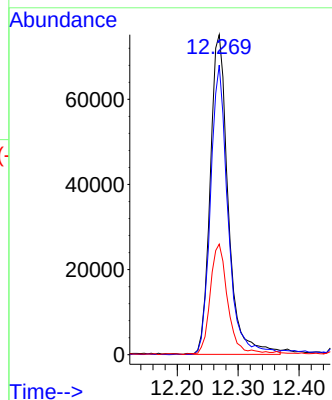
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:142 Resp: 15408
Ion Ratio Lower Upper
142 100
141 90.5 70.2 105.4
115 34.5 27.4 41.2

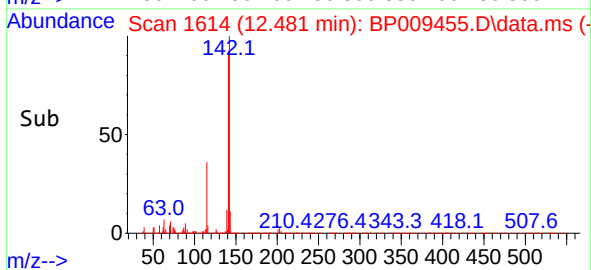
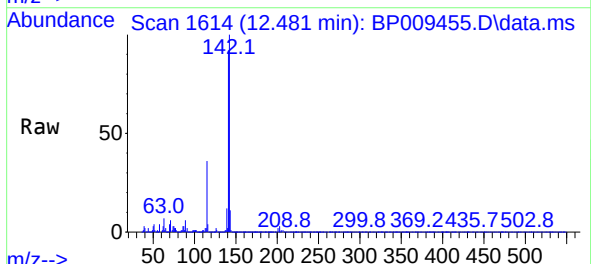
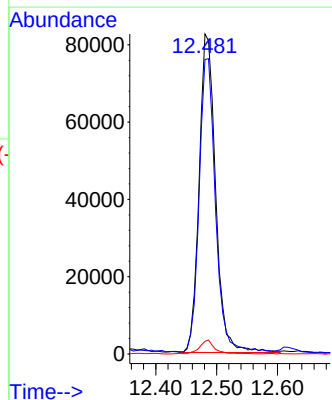
Manual Integrations
APPROVED

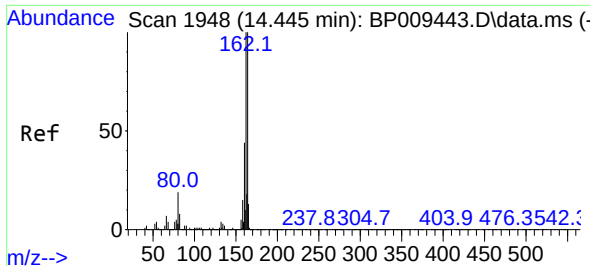
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#38
1-Methylnaphthalene
Concen: 4.676 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

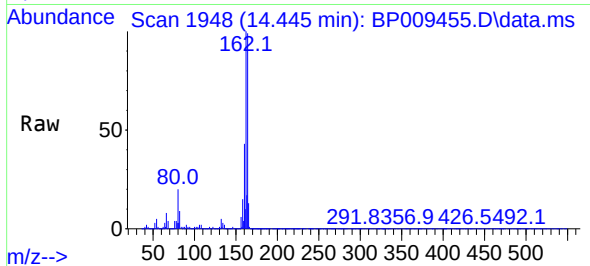
Tgt Ion:142 Resp: 155111
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3
116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

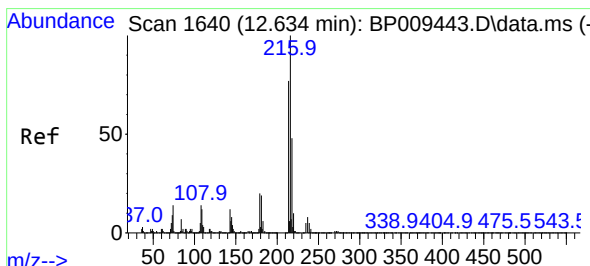
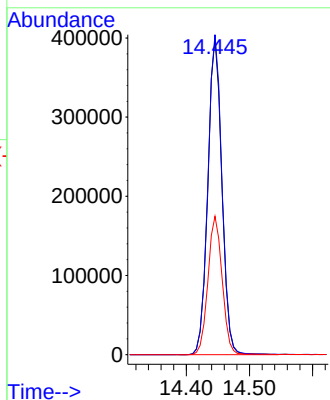
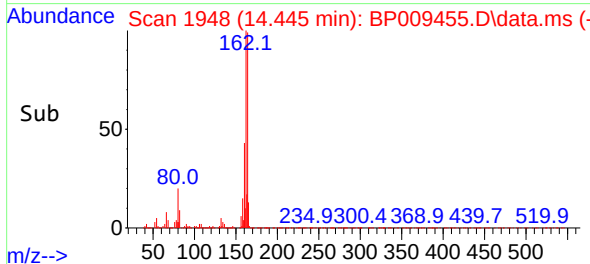
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



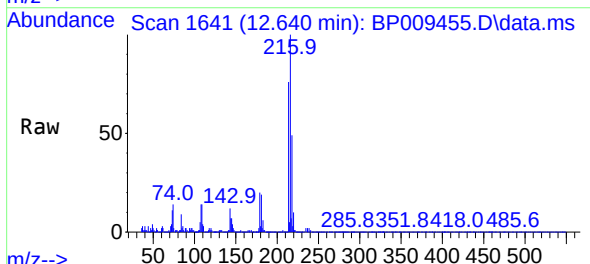
Tgt Ion:164 Resp: 614719
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 43.8 34.9 52.3

Manual Integrations
APPROVED

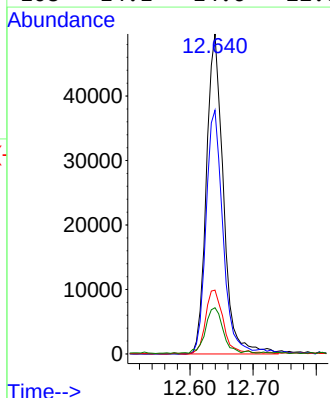
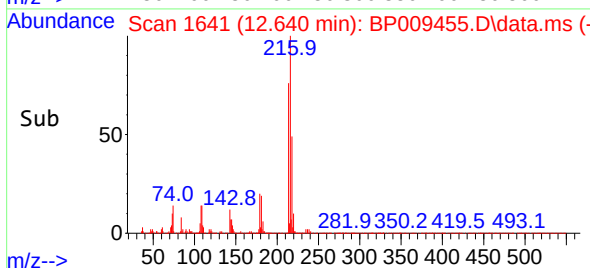
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

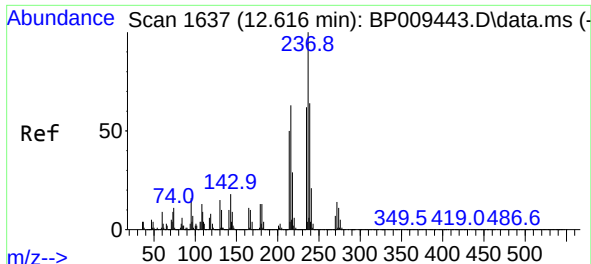


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.552 ng
RT: 12.640 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



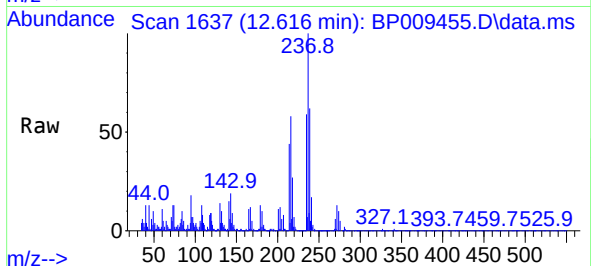
Tgt Ion:216 Resp: 92841
Ion Ratio Lower Upper
216 100
214 75.5 62.3 93.5
179 20.9 16.8 25.2
108 14.1 14.6 22.0#





#41
Hexachlorocyclopentadiene
Concen: 2.254 ng
RT: 12.616 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

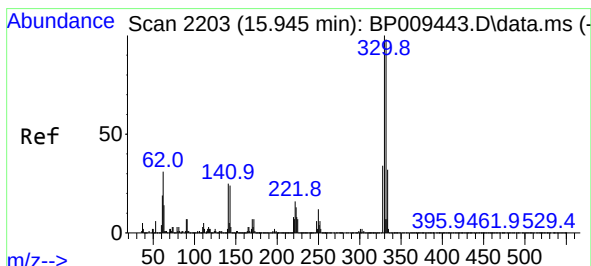
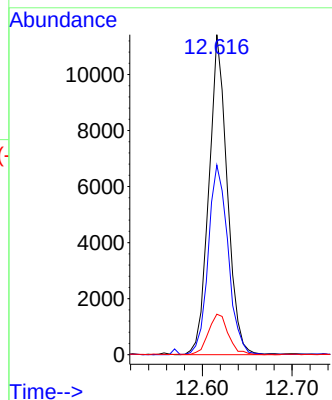
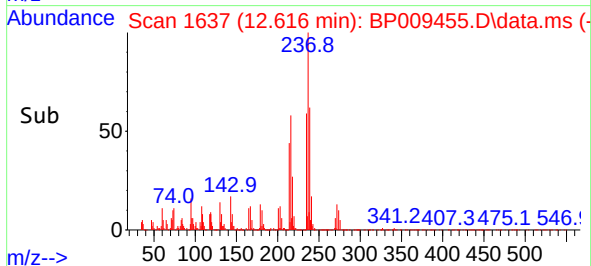
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



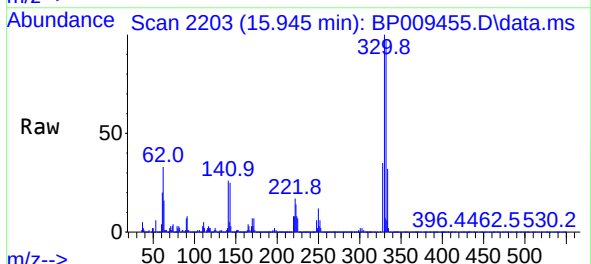
Tgt Ion: 237 Resp: 16194
Ion Ratio Lower Upper
237 100
235 59.3 42.6 82.6
272 12.7 0.0 32.8

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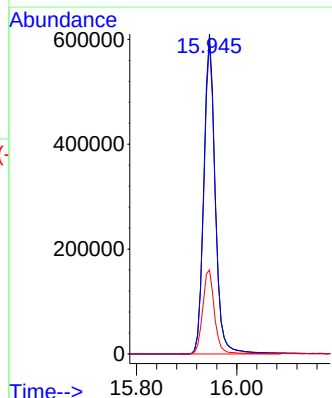
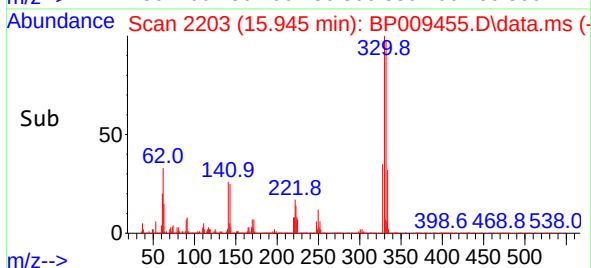
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022

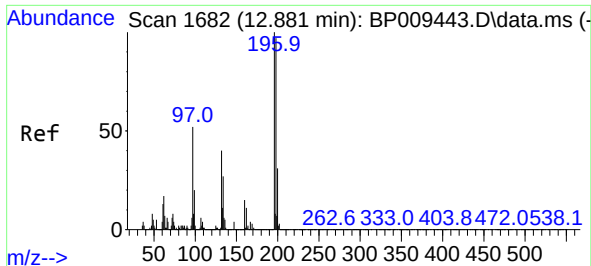


#42
2,4,6-Tribromophenol
Concen: 95.280 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



Tgt Ion: 330 Resp: 966515
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 27.0 27.6 41.4#





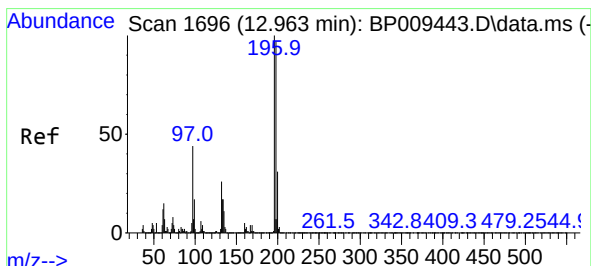
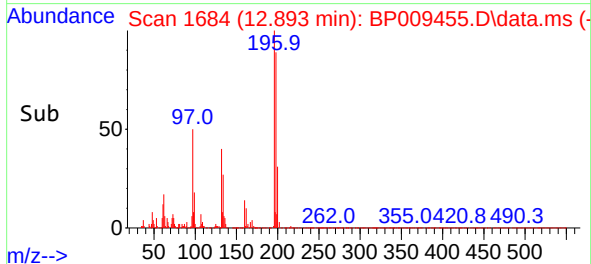
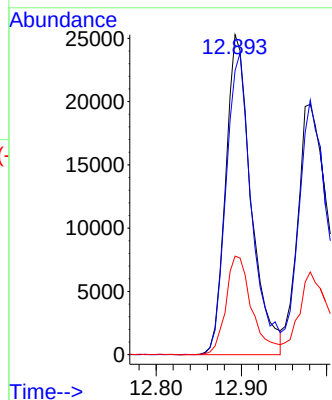
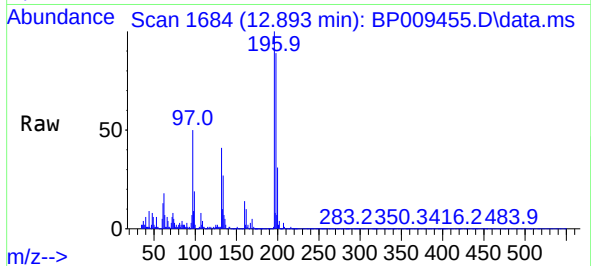
#43
2,4,6-Trichlorophenol
Concen: 3.881 ng
RT: 12.893 min Scan# 1684
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:196 Resp: 52468
Ion Ratio Lower Upper
196 100
198 88.8 76.2 114.4
200 30.8 24.4 36.6

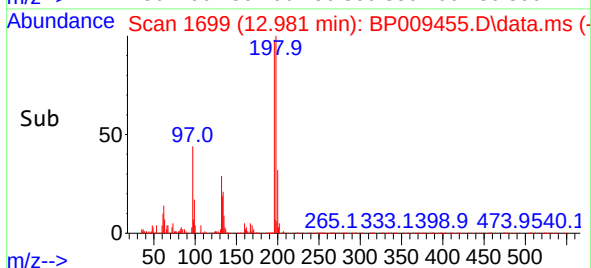
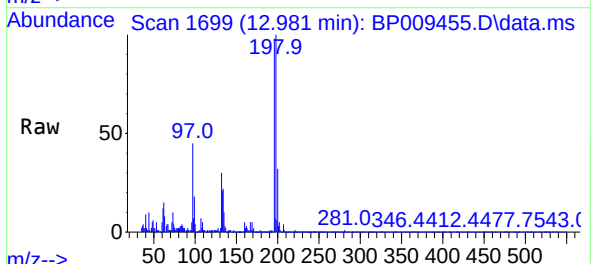
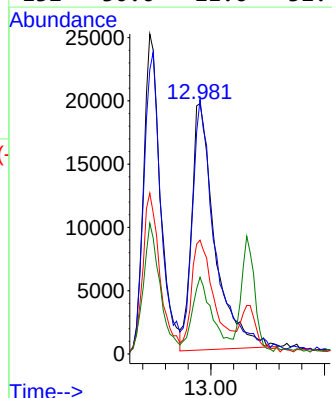
Manual Integrations
APPROVED

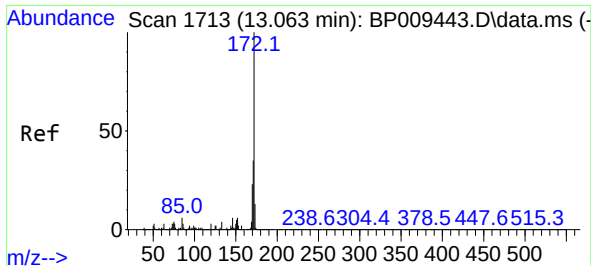
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#44
2,4,5-Trichlorophenol
Concen: 3.777 ng
RT: 12.981 min Scan# 1699
Delta R.T. 0.018 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

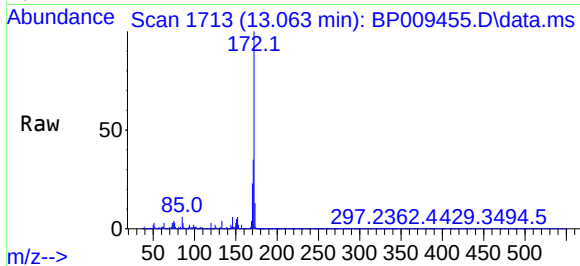
Tgt Ion:196 Resp: 55452
Ion Ratio Lower Upper
196 100
198 101.6 76.6 114.8
97 45.4 38.3 57.5
132 30.6 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 70.771 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

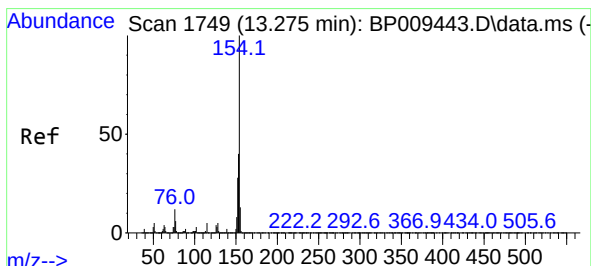
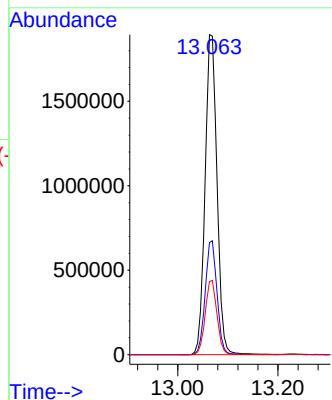
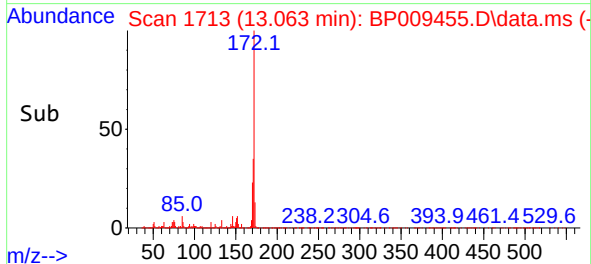
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



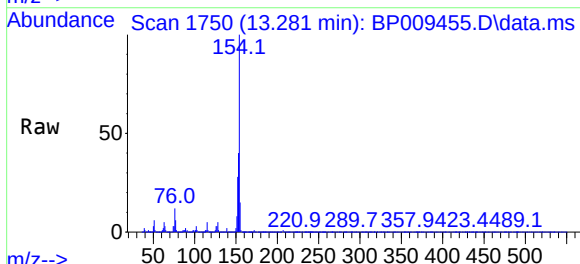
Tgt Ion:172 Resp: 313820
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.8 18.6 27.8

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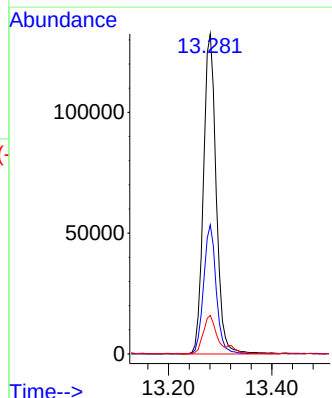
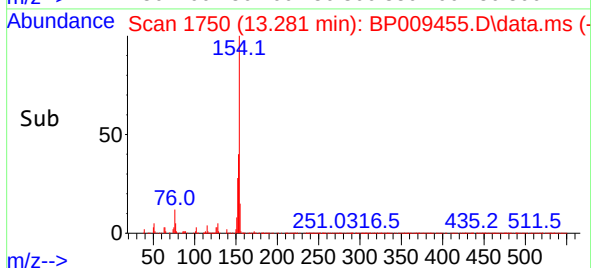
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

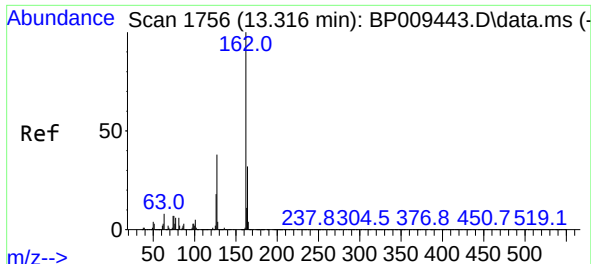


#46
1,1'-Biphenyl
Concen: 4.959 ng
RT: 13.281 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



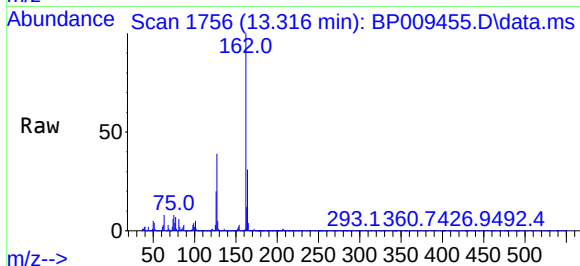
Tgt Ion:154 Resp: 227408
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 12.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 4.681 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

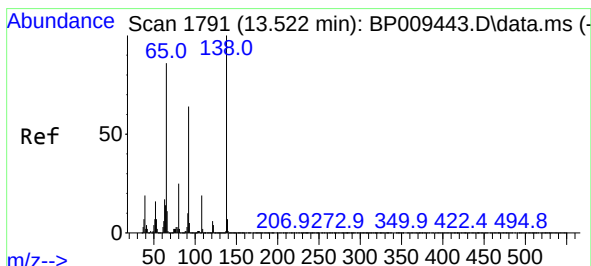
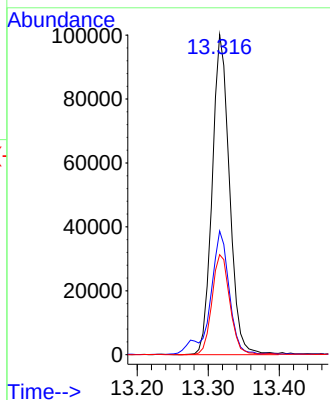
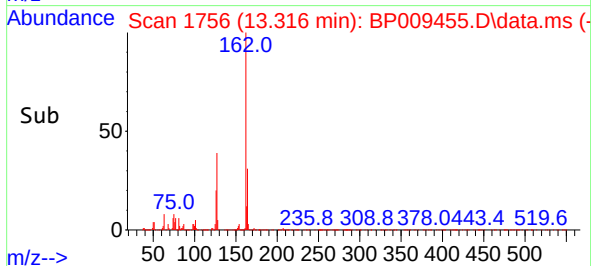
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



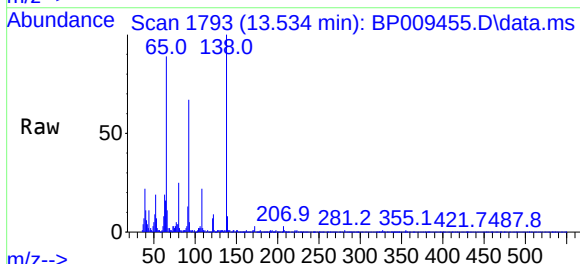
Tgt Ion: 162 Resp: 168990
Ion Ratio Lower Upper
162 100
127 38.7 30.8 46.2
164 31.3 26.3 39.5

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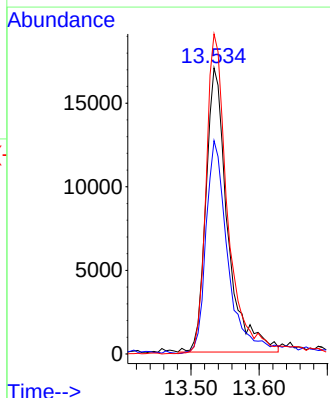
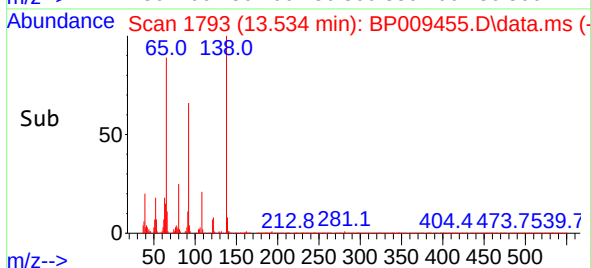
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

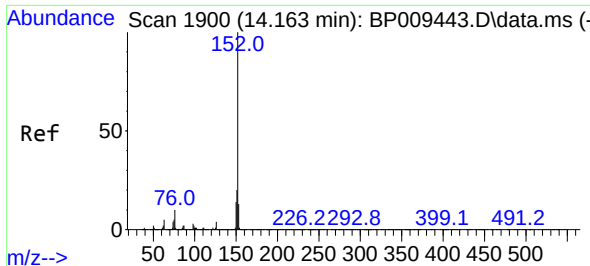


#48
2-Nitroaniline
Concen: 3.843 ng
RT: 13.534 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



Tgt Ion: 65 Resp: 37785
Ion Ratio Lower Upper
65 100
92 74.6 56.9 85.3
138 111.9 89.3 133.9





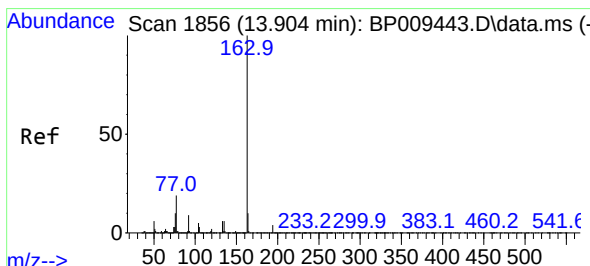
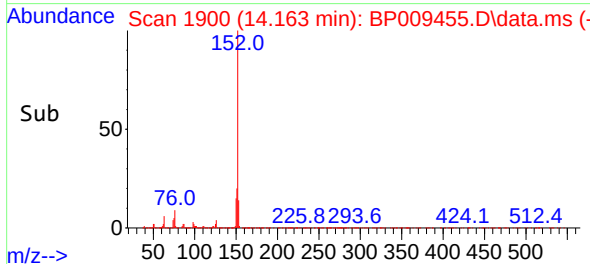
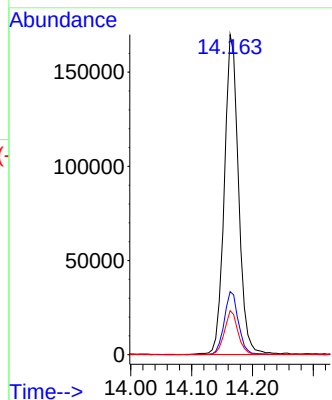
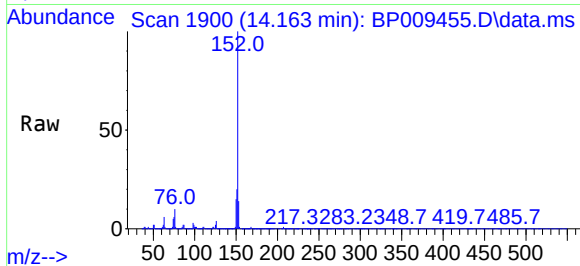
#49
Acenaphthylene
Concen: 4.944 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:152 Resp: 27557
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.7 10.7 16.1

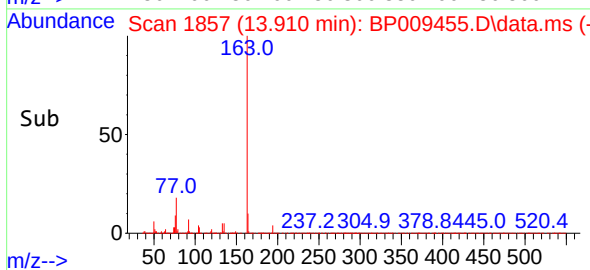
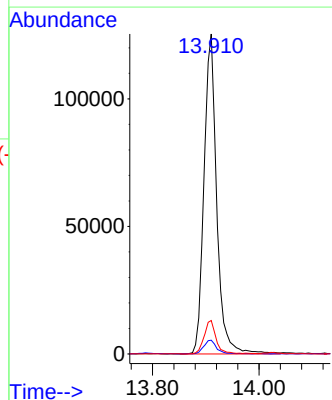
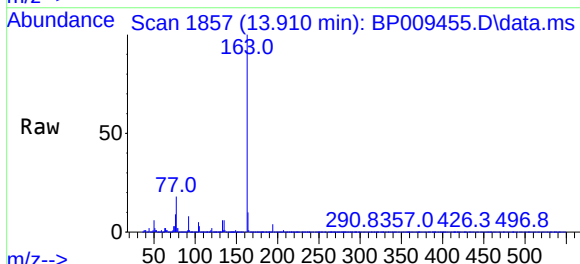
Manual Integrations
APPROVED

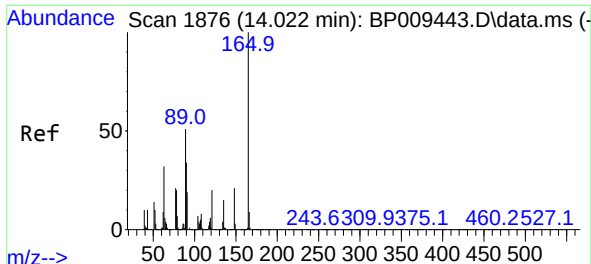
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#50
Dimethylphthalate
Concen: 4.460 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

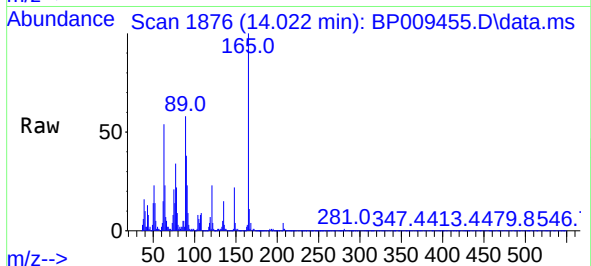
Tgt Ion:163 Resp: 207759
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 4.168 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

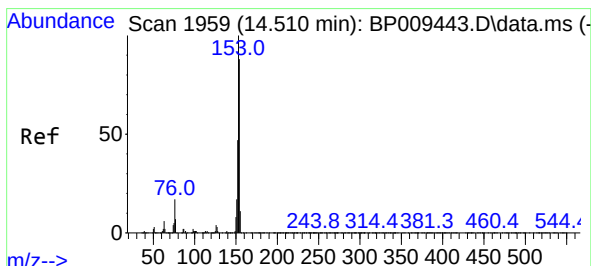
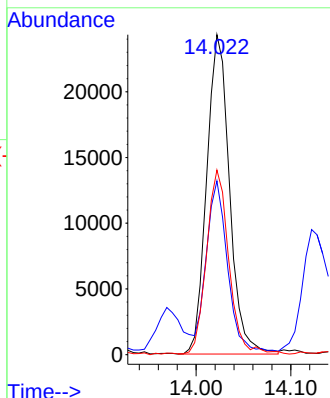
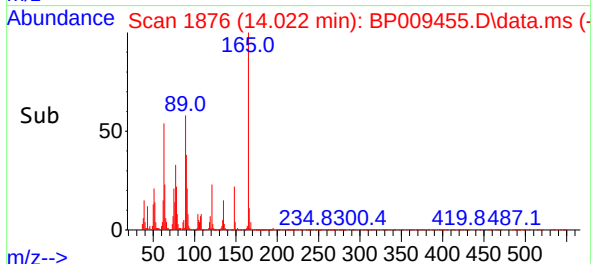
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



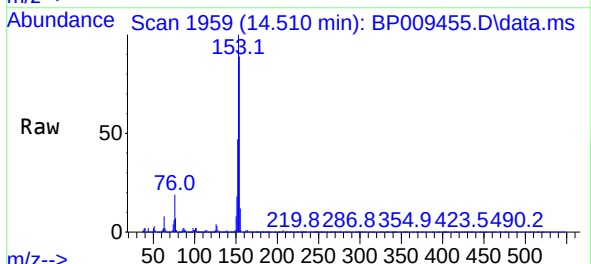
Tgt Ion:165 Resp: 40672
Ion Ratio Lower Upper
165 100
63 54.3 40.9 61.3
89 57.7 43.4 65.2

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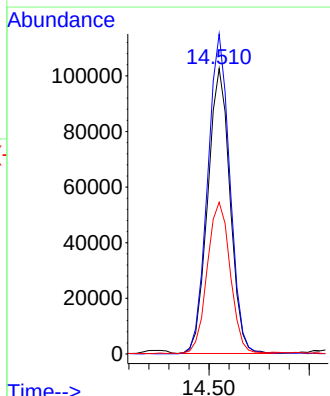
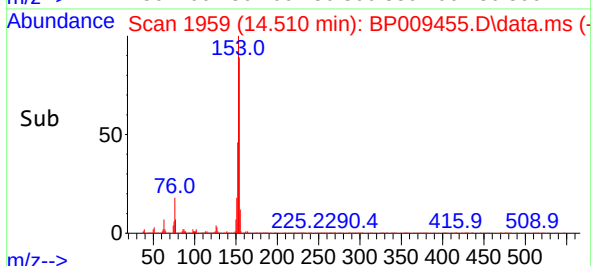
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

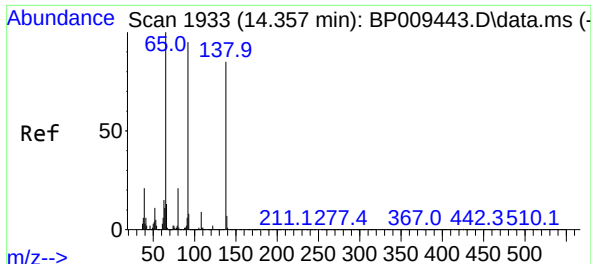


#52
Acenaphthene
Concen: 4.772 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



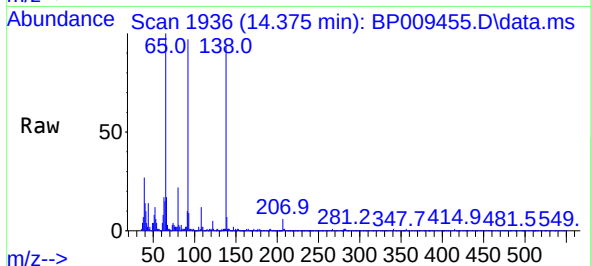
Tgt Ion:154 Resp: 158896
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.4
152 53.2 42.7 64.1





#53
3-Nitroaniline
Concen: 3.795 ng
RT: 14.375 min Scan# 1933
Delta R.T. 0.018 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

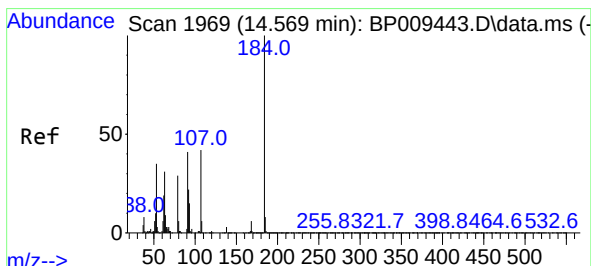
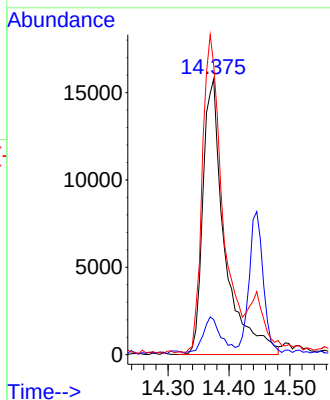
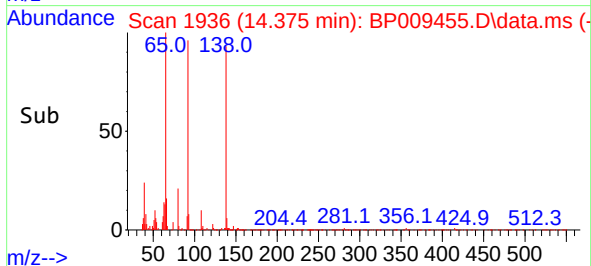
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:138 Resp: 39118
Ion Ratio Lower Upper
138 100
108 12.7 9.7 14.5
92 105.0 94.4 141.6

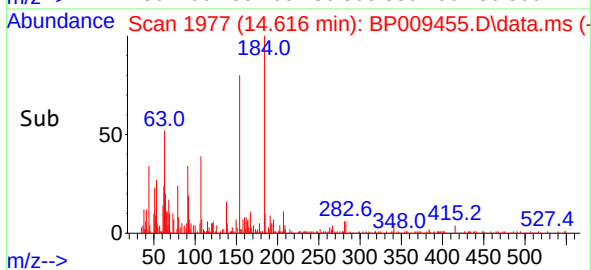
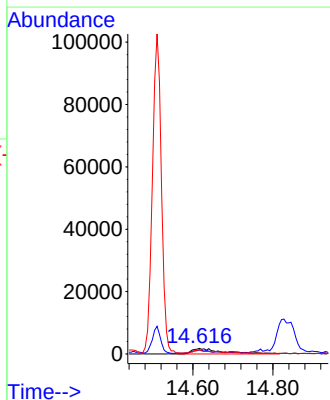
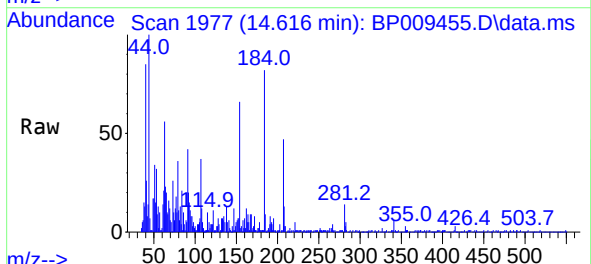
Manual Integrations
APPROVED

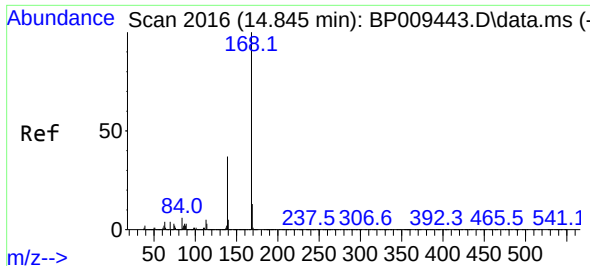
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#54
2,4-Dinitrophenol
Concen: 1.791 ng m
RT: 14.616 min Scan# 1977
Delta R.T. 0.047 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

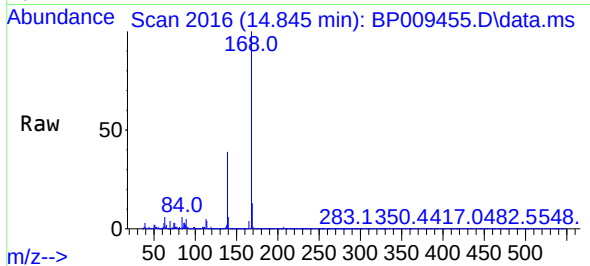
Tgt Ion:184 Resp: 9601
Ion Ratio Lower Upper
184 100
63 68.5 46.3 69.5
154 80.4 45.8 68.6#





#55
Dibenzenofuran
Concen: 4.619 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

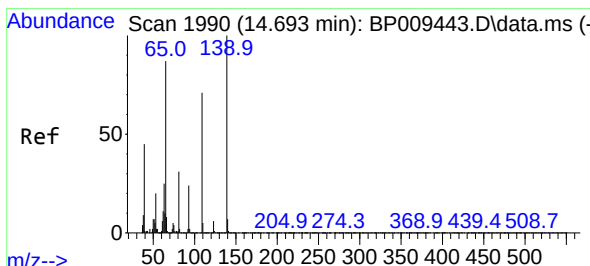
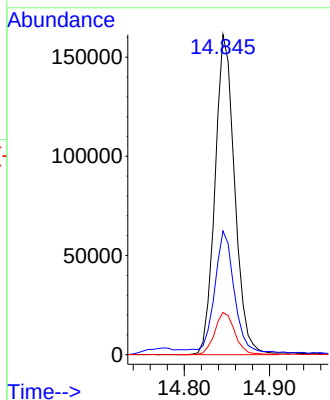
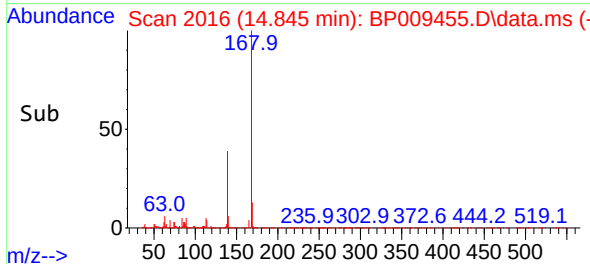
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:168 Resp: 258330
Ion Ratio Lower Upper
168 100
139 38.7 29.1 43.7
169 13.2 10.6 16.0

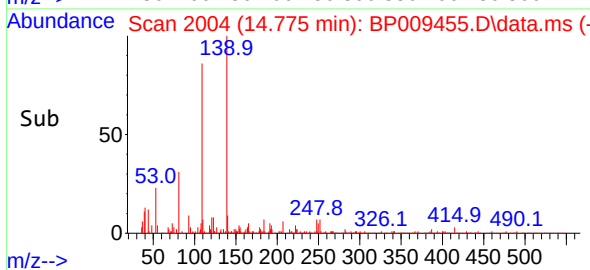
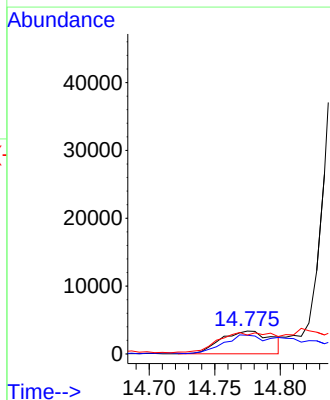
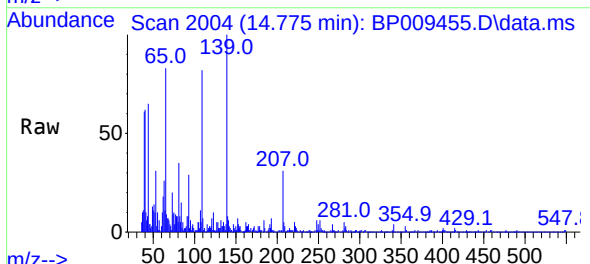
Manual Integrations
APPROVED

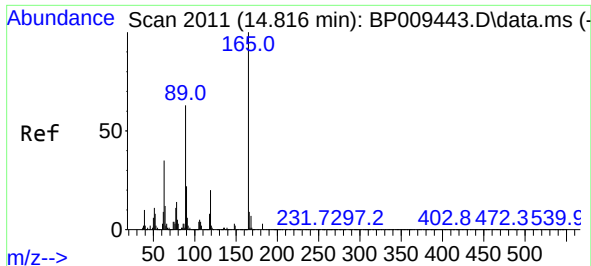
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#56
4-Nitrophenol
Concen: 1.175 ng
RT: 14.775 min Scan# 2004
Delta R.T. 0.082 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

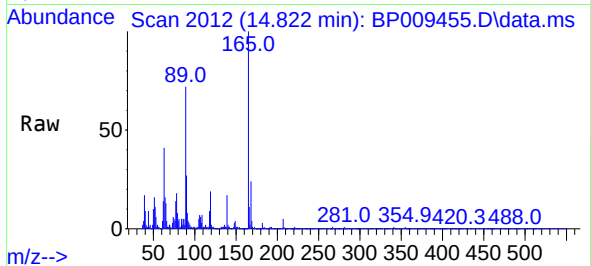
Tgt Ion:139 Resp: 9025
Ion Ratio Lower Upper
139 100
109 81.7 51.2 91.2
65 82.7 73.2 113.2





#57
2,4-Dinitrotoluene
Concen: 3.713 ng
RT: 14.822 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

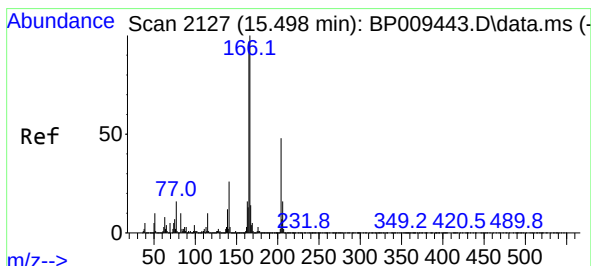
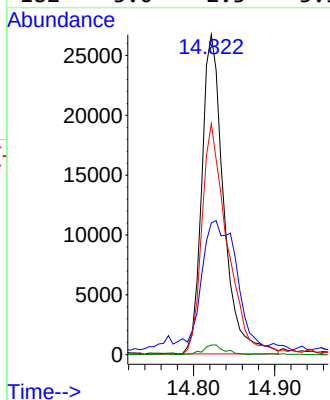
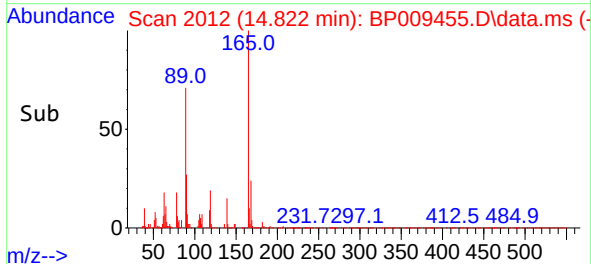
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:165 Resp: 49820
Ion Ratio Lower Upper
165 100
63 41.2 31.4 47.2
89 72.2 55.9 83.9
182 3.0 2.3 3.5

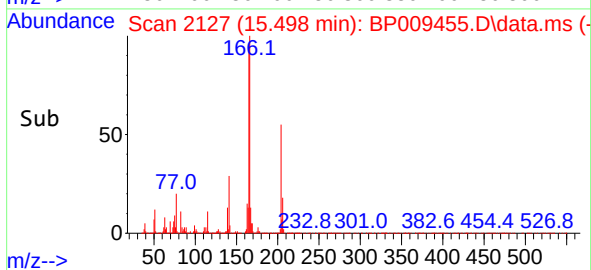
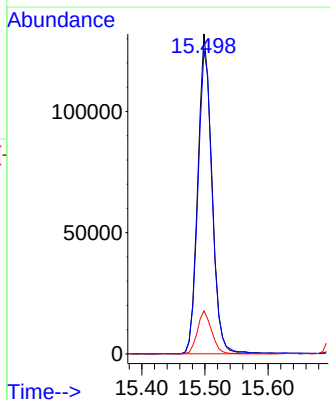
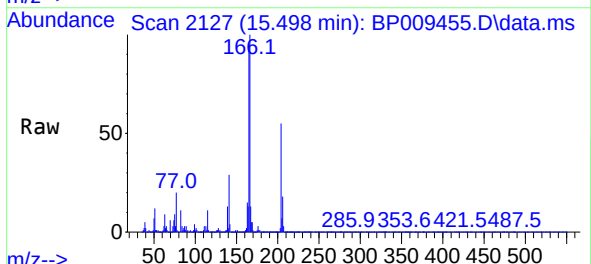
Manual Integrations
APPROVED

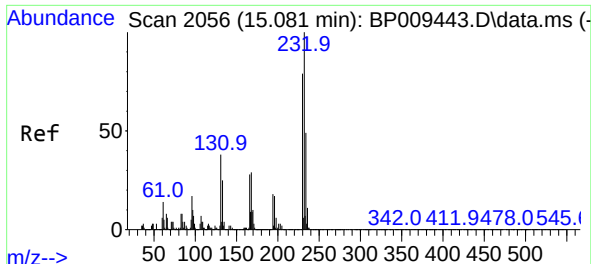
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 4.653 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

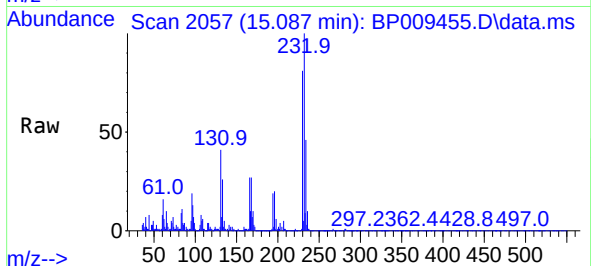
Tgt Ion:166 Resp: 204691
Ion Ratio Lower Upper
166 100
165 94.8 79.2 118.8
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.889 ng
RT: 15.087 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

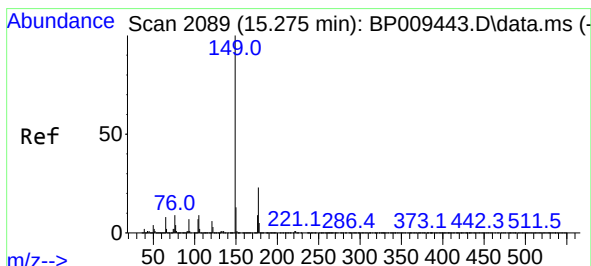
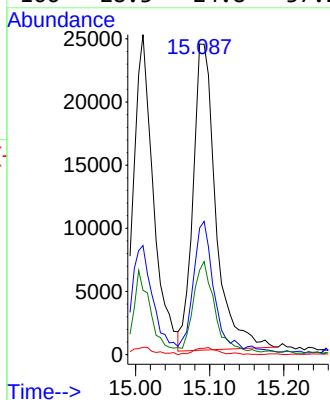
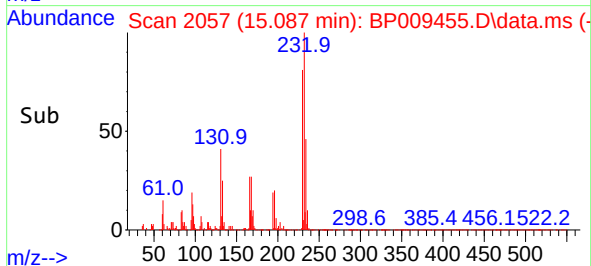
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



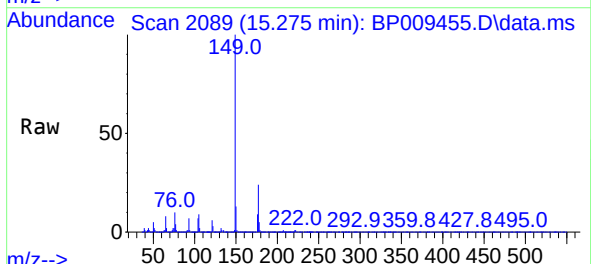
Tgt Ion:232 Resp: 51754
Ion Ratio Lower Upper
232 100
131 40.3 35.5 53.3
130 2.3 1.8 2.8
166 28.3 24.8 37.2

Manual Integrations
APPROVED

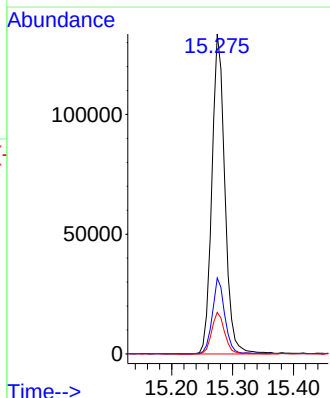
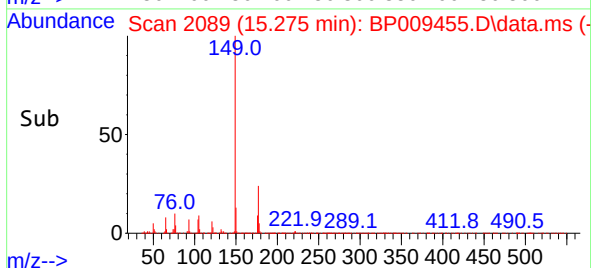
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

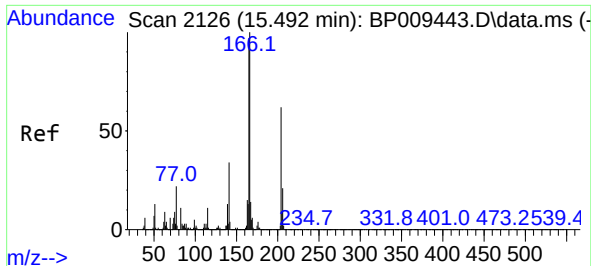


#60
Diethylphthalate
Concen: 4.248 ng
RT: 15.275 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



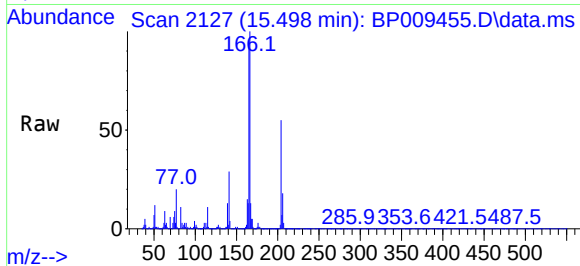
Tgt Ion:149 Resp: 198021
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 4.487 ng
RT: 15.498 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

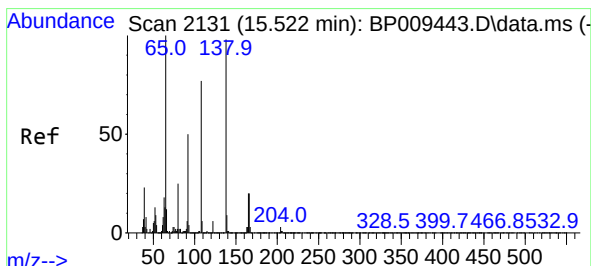
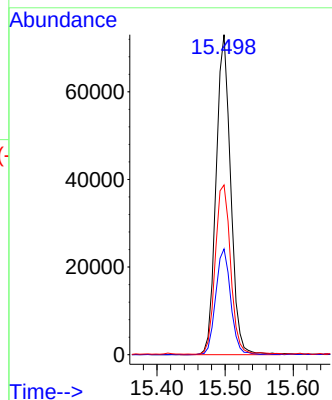
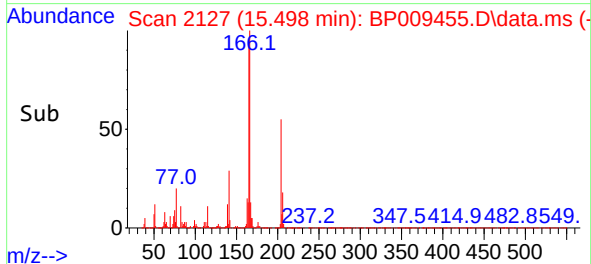
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:204 Resp: 108735
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 53.0 45.9 68.9

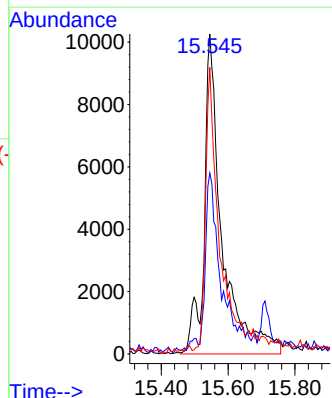
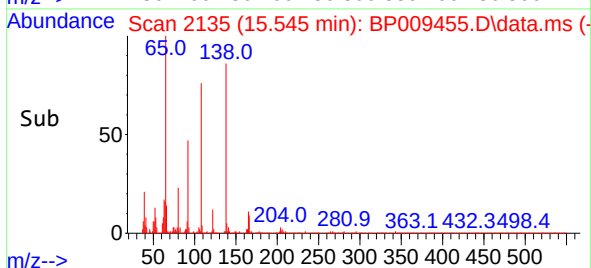
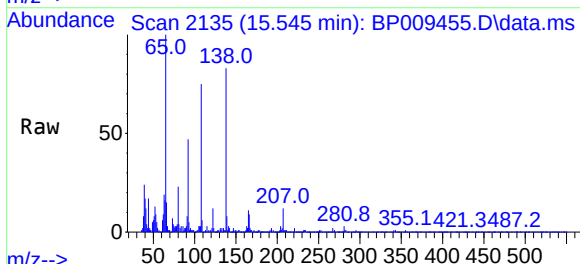
Manual Integrations
APPROVED

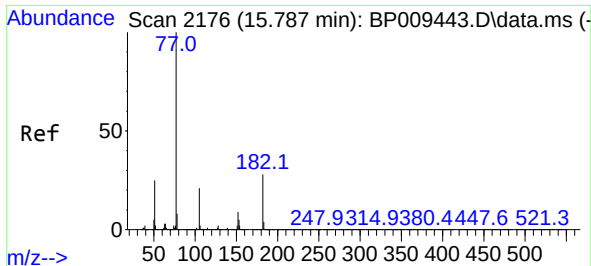
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 3.532 ng m
RT: 15.545 min Scan# 2135
Delta R.T. 0.023 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

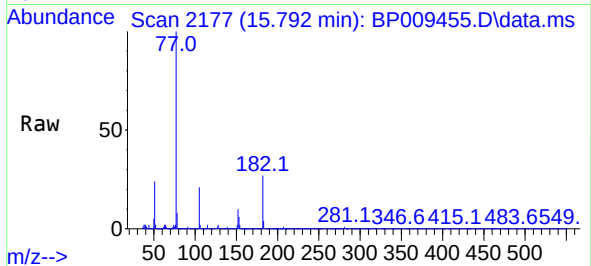
Tgt Ion:138 Resp: 38231
Ion Ratio Lower Upper
138 100
92 56.5 31.2 71.2
108 89.6 54.3 94.3





#63
Azobenzene
Concen: 4.289 ng
RT: 15.792 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

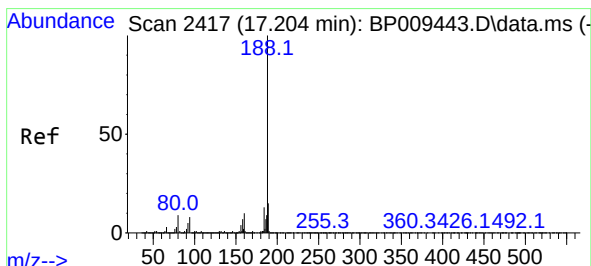
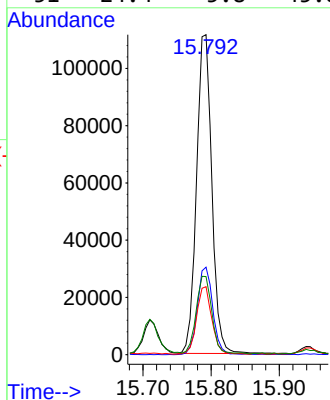
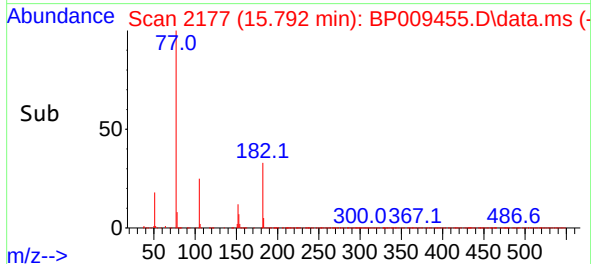
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



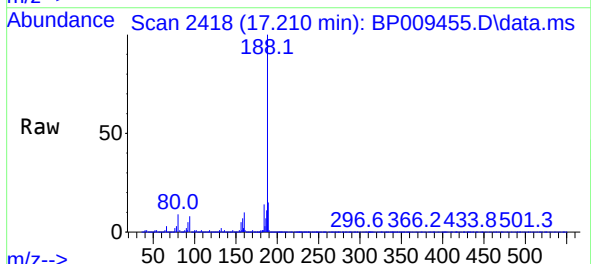
Tgt Ion: 77 Resp: 173950
Ion Ratio Lower Upper
77 100
182 27.4 5.4 45.4
105 21.3 0.3 40.3
51 24.4 5.8 45.8

Manual Integrations
APPROVED

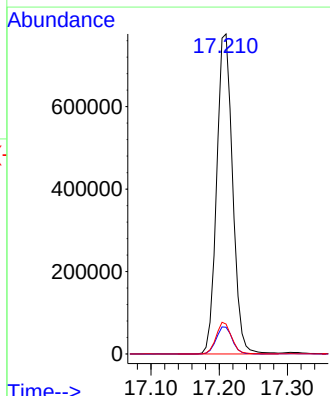
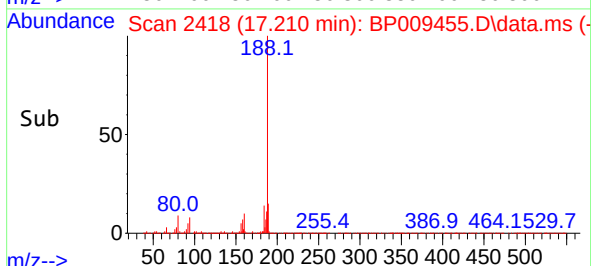
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

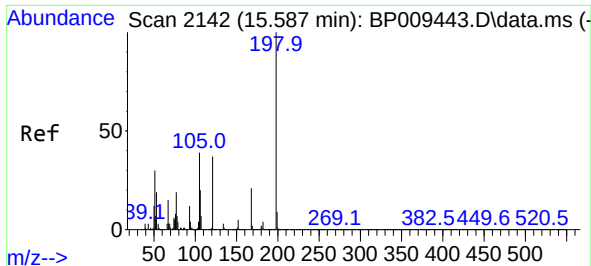


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



Tgt Ion:188 Resp: 1260856
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.4 8.8 13.2





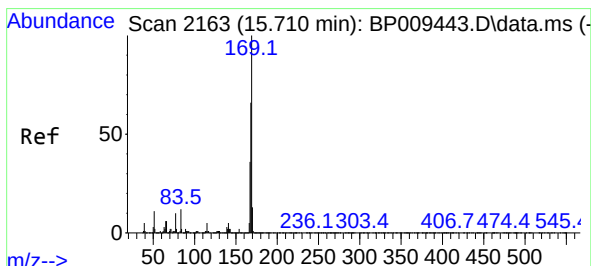
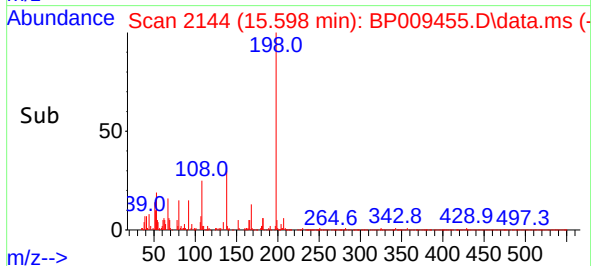
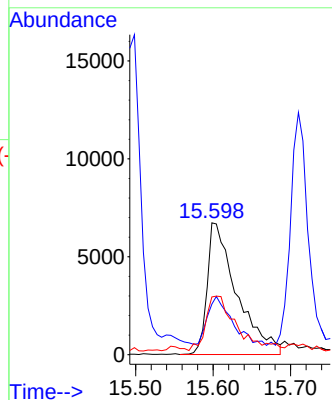
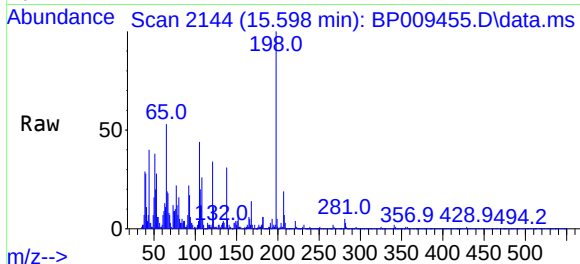
#65
4,6-Dinitro-2-methylphenol
Concen: 2.210 ng
RT: 15.598 min Scan# 2142
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:198 Resp: 1791
Ion Ratio Lower Upper
198 100
51 38.4 17.7 57.7
105 43.8 23.2 63.2

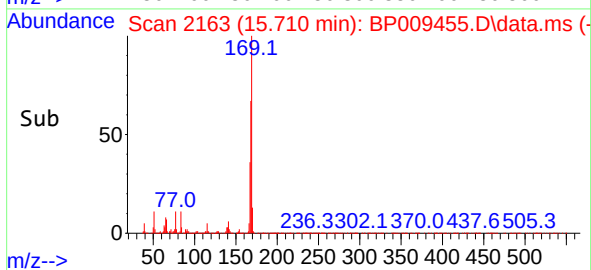
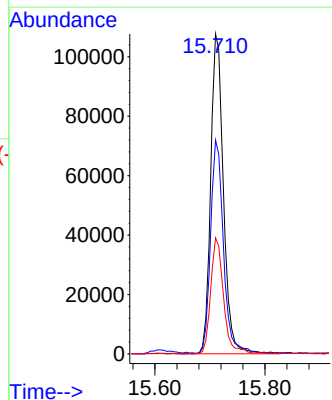
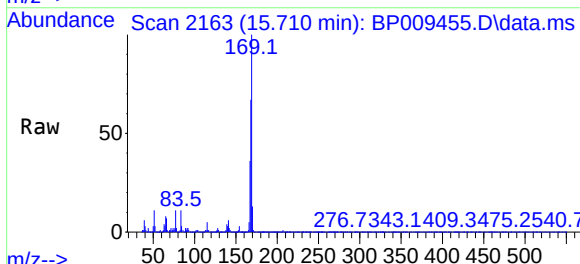
Manual Integrations
APPROVED

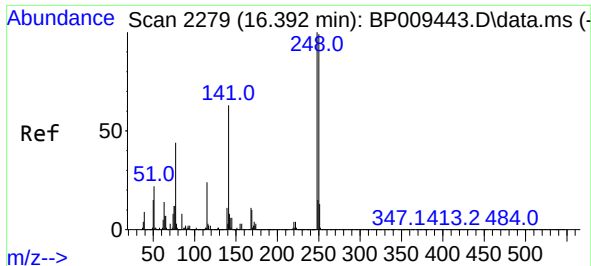
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 4.655 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

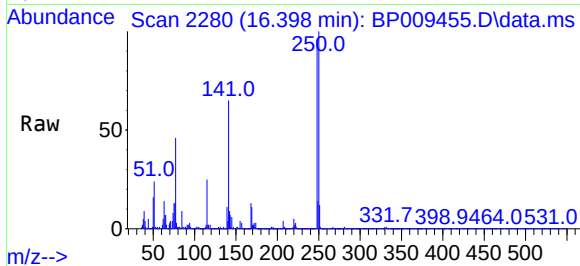
Tgt Ion:169 Resp: 173705
Ion Ratio Lower Upper
169 100
168 66.8 51.6 77.4
167 36.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 4.301 ng
RT: 16.398 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

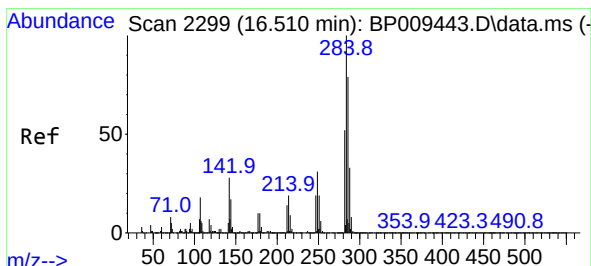
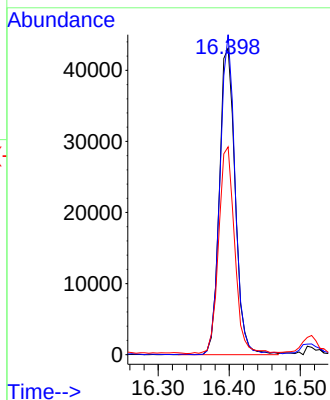
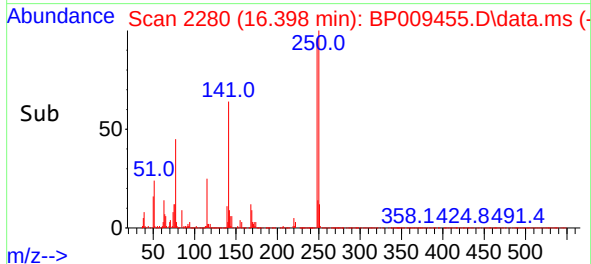
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



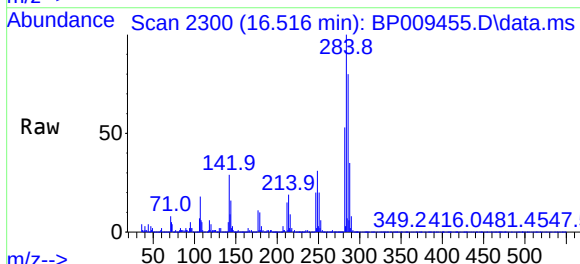
Tgt Ion:248 Resp: 66358
Ion Ratio Lower Upper
248 100
250 104.4 77.7 116.5
141 67.8 58.3 87.5

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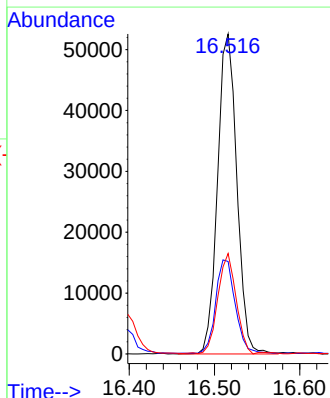
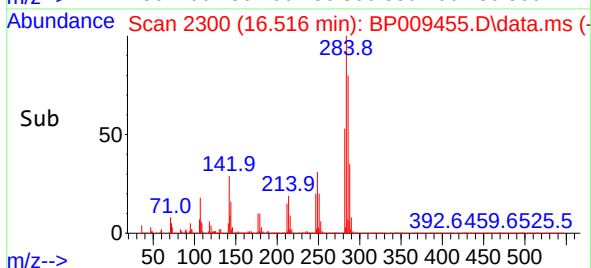
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

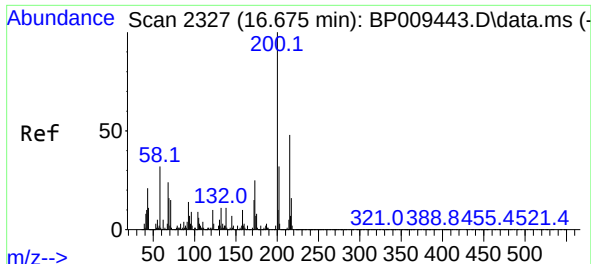


#68
Hexachlorobenzene
Concen: 4.646 ng
RT: 16.516 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



Tgt Ion:284 Resp: 82491
Ion Ratio Lower Upper
284 100
142 28.9 26.8 40.2
249 31.4 24.6 37.0





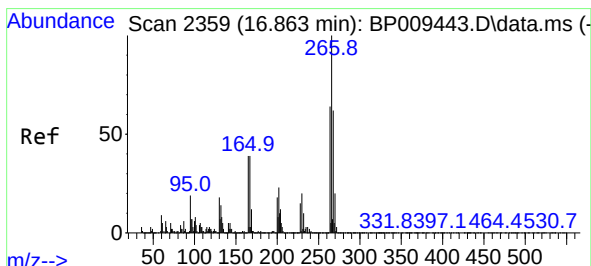
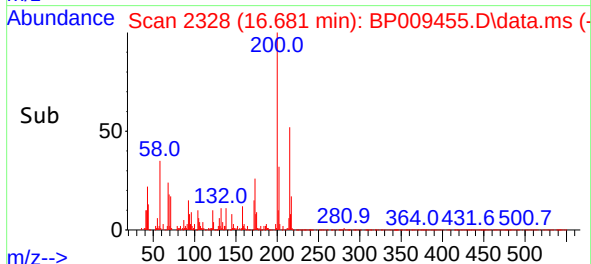
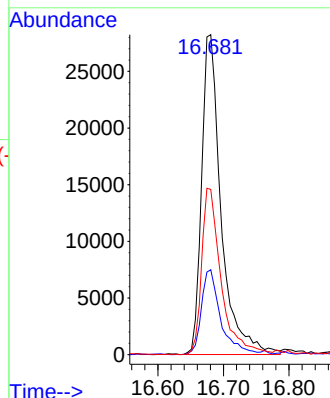
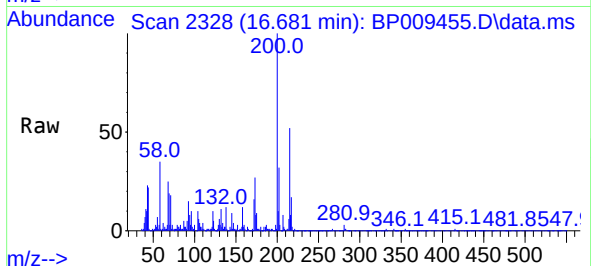
#69
Atrazine
Concen: 4.471 ng
RT: 16.681 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

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

Tgt Ion:200 Resp: 5865
Ion Ratio Lower Upper
200 100
173 26.5 6.2 46.2
215 51.6 28.5 68.5

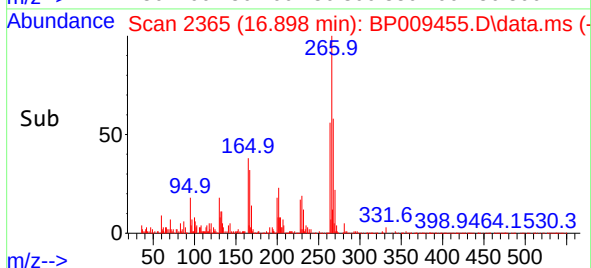
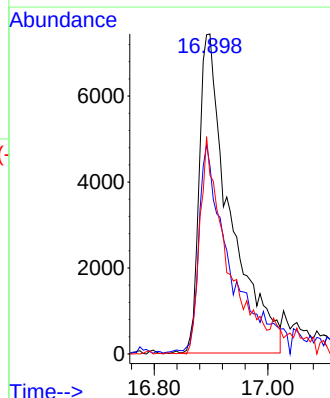
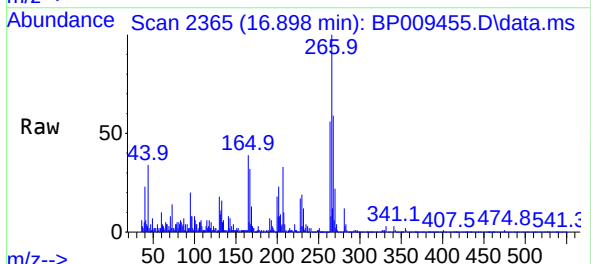
Manual Integrations
APPROVED

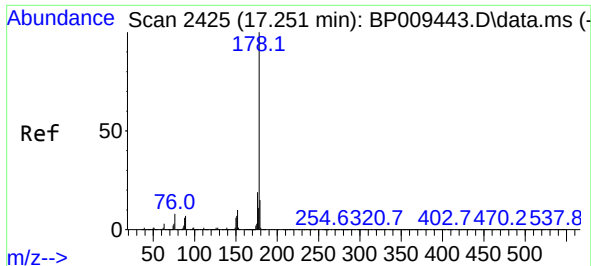
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#70
Pentachlorophenol
Concen: 2.946 ng
RT: 16.898 min Scan# 2365
Delta R.T. 0.035 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

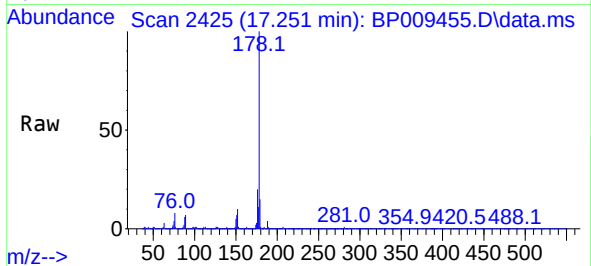
Tgt Ion:266 Resp: 27963
Ion Ratio Lower Upper
266 100
268 58.8 49.8 74.8
264 55.8 50.9 76.3





#71
Phenanthrene
Concen: 4.738 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

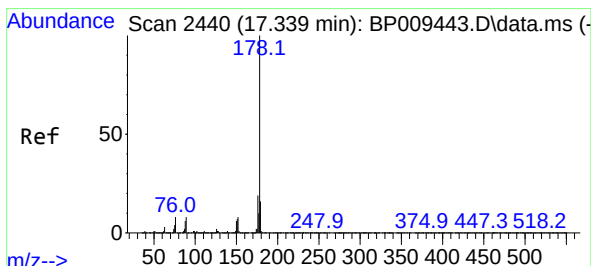
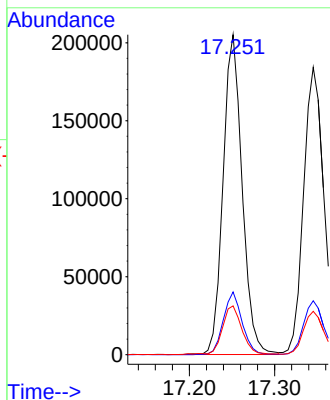
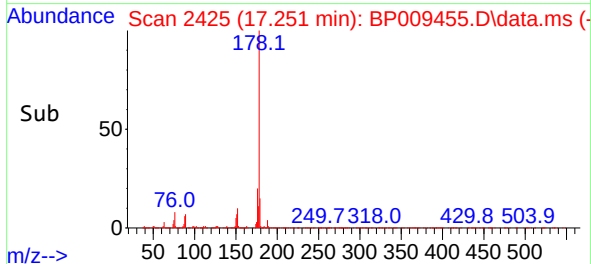
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:178 Resp: 319762
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.2 12.3 18.5

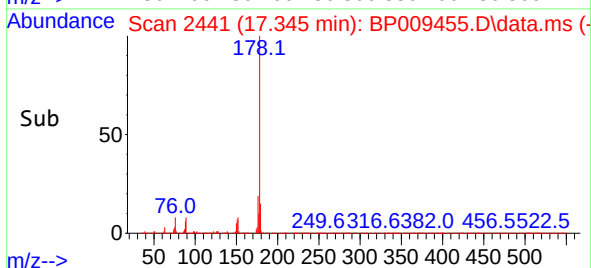
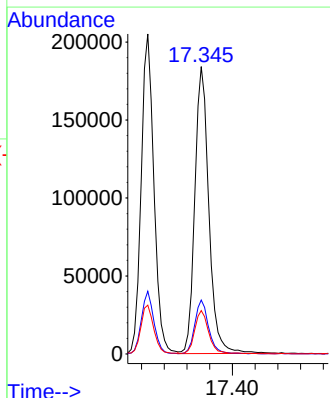
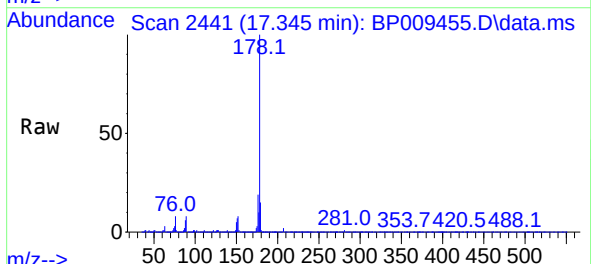
Manual Integrations
APPROVED

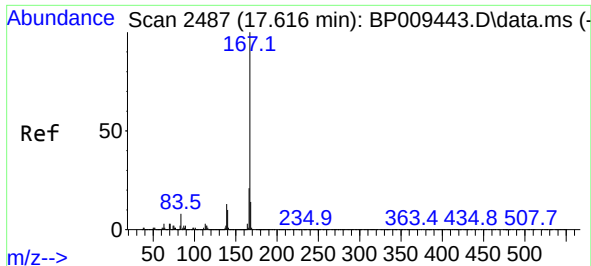
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#72
Anthracene
Concen: 4.755 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

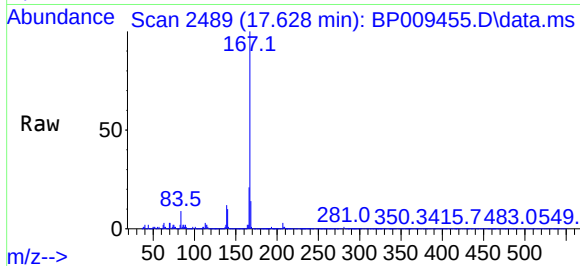
Tgt Ion:178 Resp: 316844
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 4.274 ng
 RT: 17.628 min Scan# 2489
 Delta R.T. 0.012 min
 Lab File: BP009455.D
 Acq: 18 Mar 2022 13:46

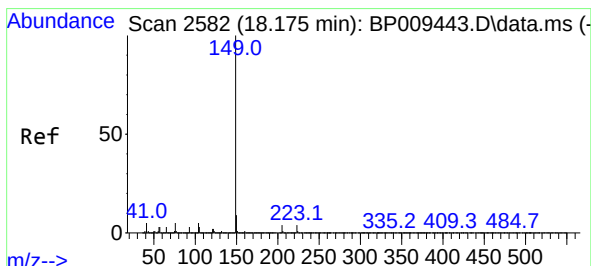
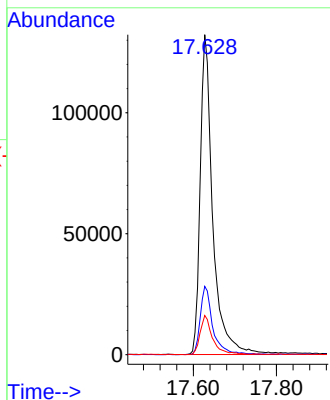
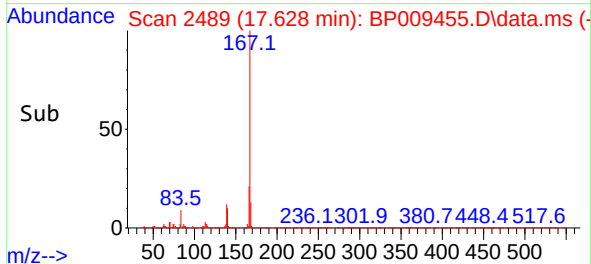
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



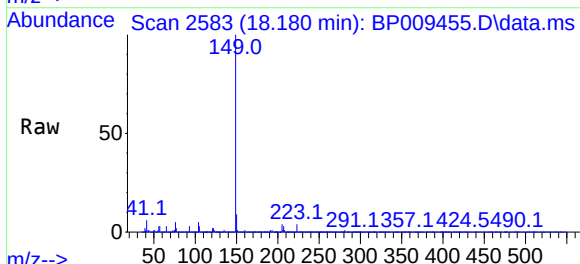
Tgt Ion:167 Resp: 278509
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.3 10.3 15.5

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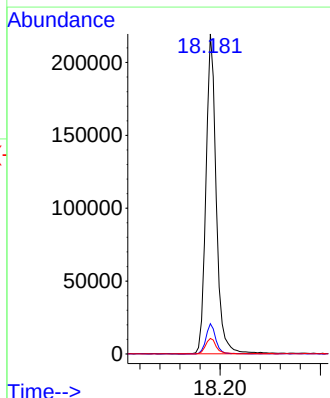
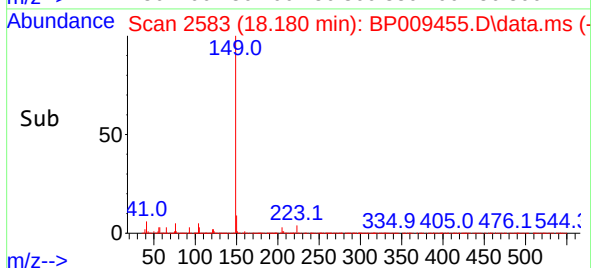
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022

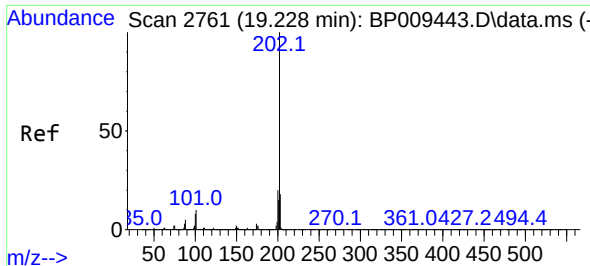


#74
 Di-n-butylphthalate
 Concen: 4.096 ng
 RT: 18.180 min Scan# 2583
 Delta R.T. 0.006 min
 Lab File: BP009455.D
 Acq: 18 Mar 2022 13:46



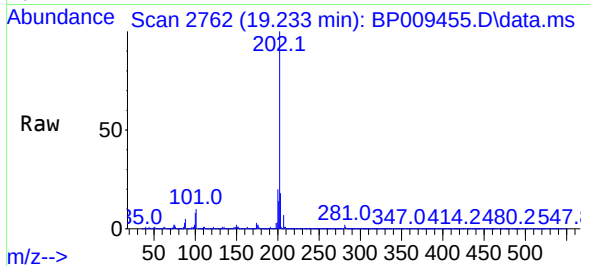
Tgt Ion:149 Resp: 312807
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 4.678 ng
RT: 19.233 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

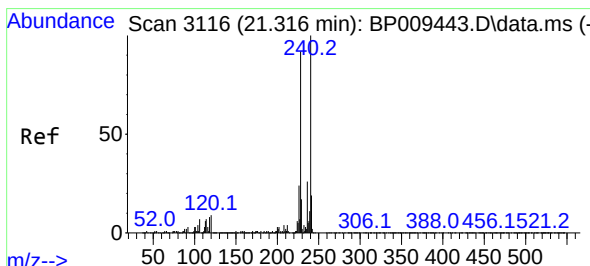
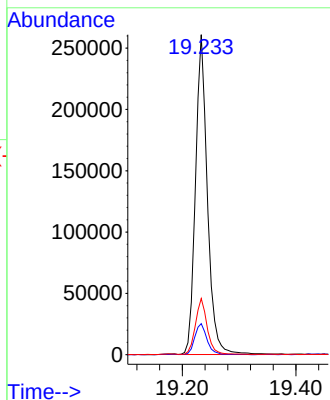
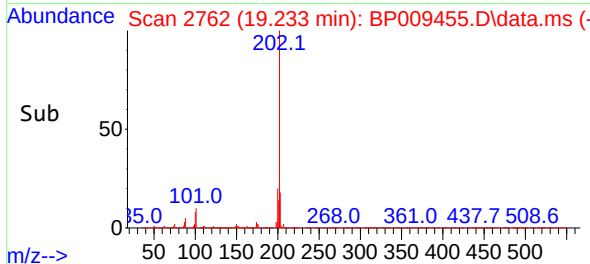
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 202 Resp: 382234
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.5
203 17.5 0.0 37.8

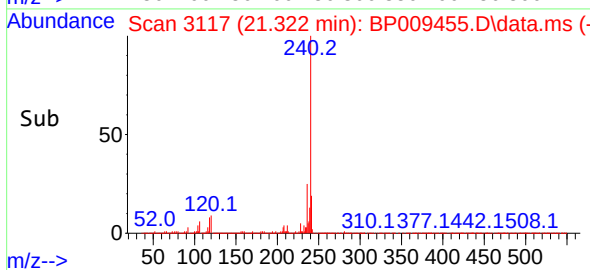
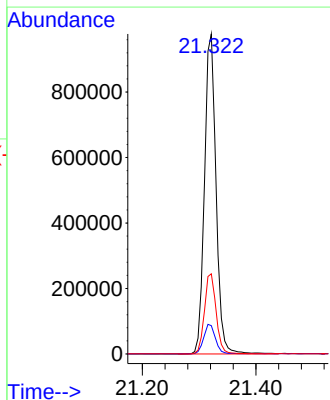
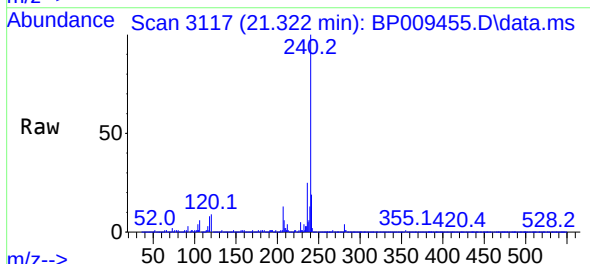
Manual Integrations
APPROVED

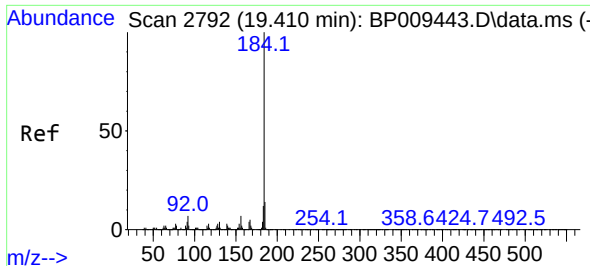
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

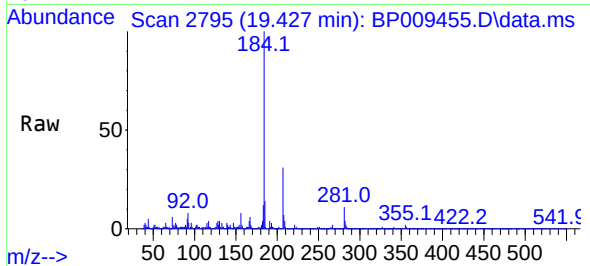
Tgt Ion: 240 Resp: 1373654
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.4#
236 25.1 20.6 30.8





#77
Benzidine
Concen: 5.242 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

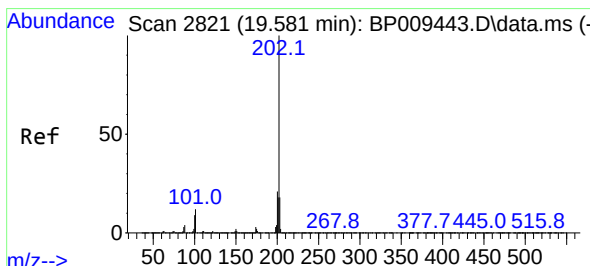
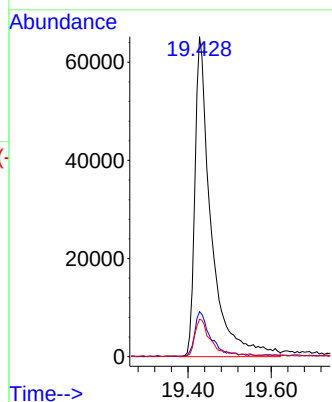
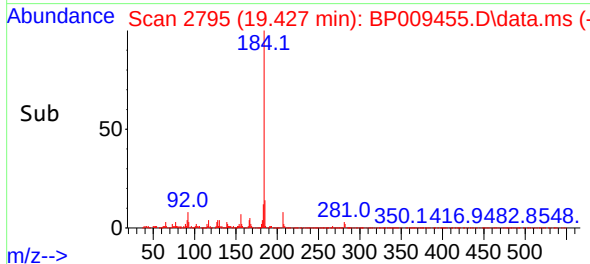
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:184 Resp: 17651
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.7 9.4 14.0

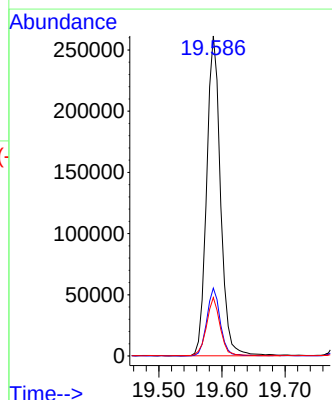
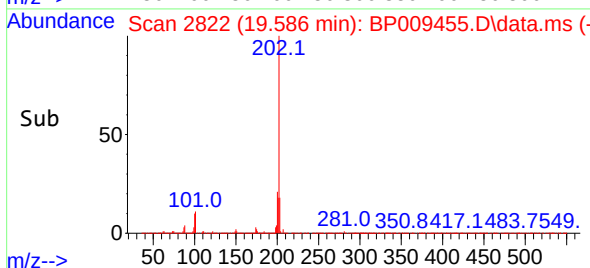
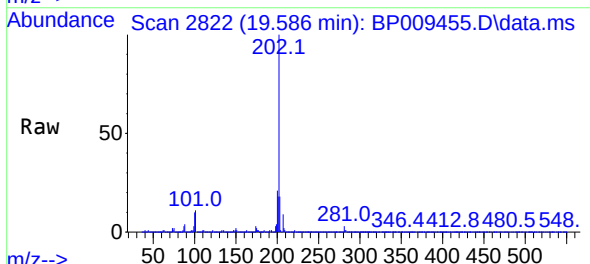
Manual Integrations
APPROVED

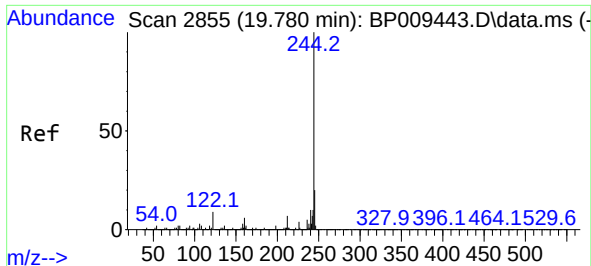
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#78
Pyrene
Concen: 4.398 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

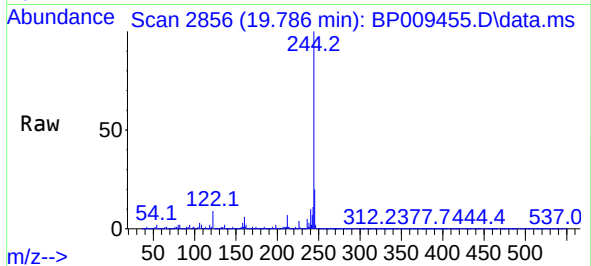
Tgt Ion:202 Resp: 398078
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.3 14.2 21.4





#79
Terphenyl-d14
Concen: 65.072 ng
RT: 19.786 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

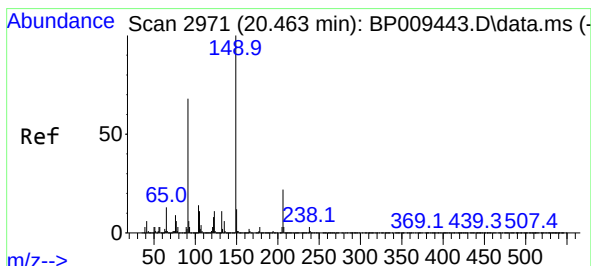
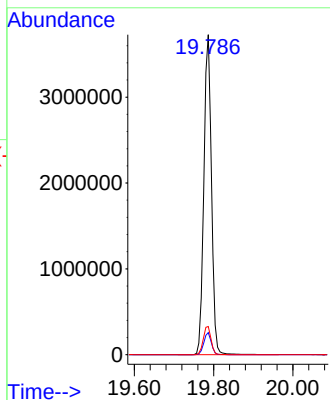
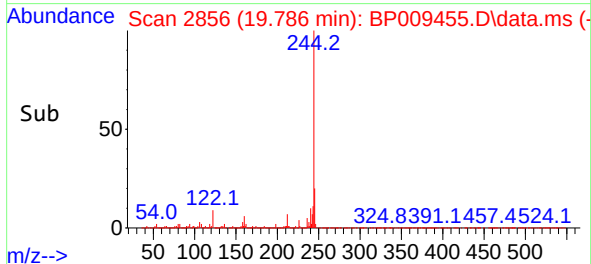
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:244 Resp: 498007
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.8 8.3 12.5

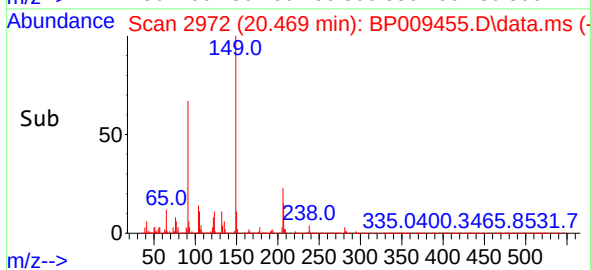
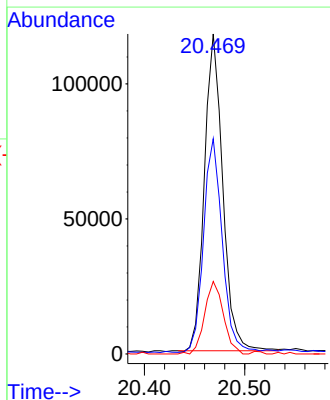
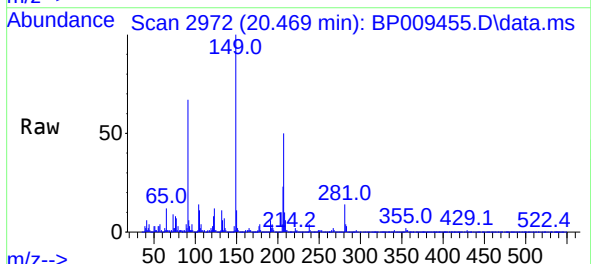
Manual Integrations
APPROVED

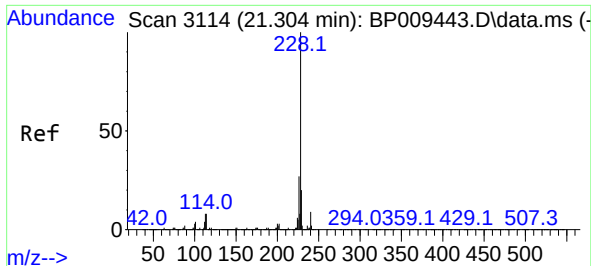
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#80
Butylbenzylphthalate
Concen: 3.890 ng
RT: 20.469 min Scan# 2972
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

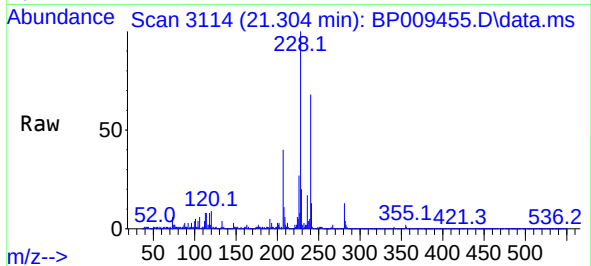
Tgt Ion:149 Resp: 149654
Ion Ratio Lower Upper
149 100
91 67.2 57.9 86.9
206 22.6 16.9 25.3





#81
Benzo(a)anthracene
Concen: 4.680 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

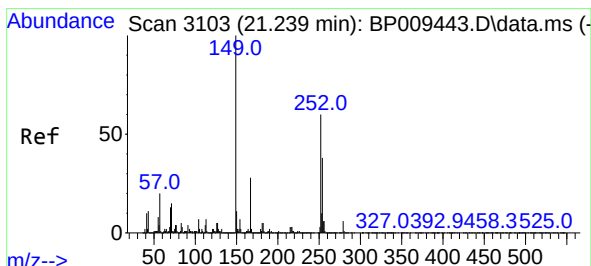
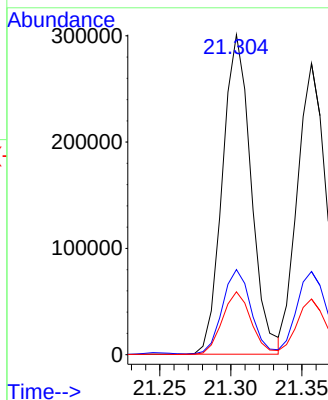
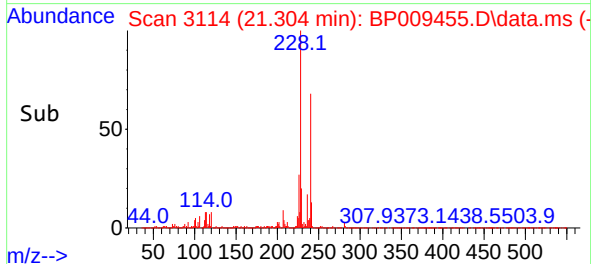
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion:228 Resp: 422390
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.7 16.1 24.1

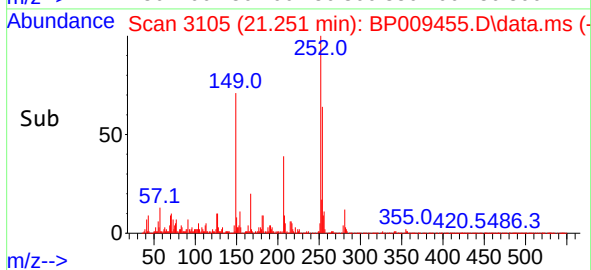
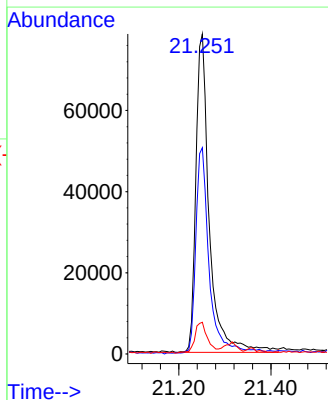
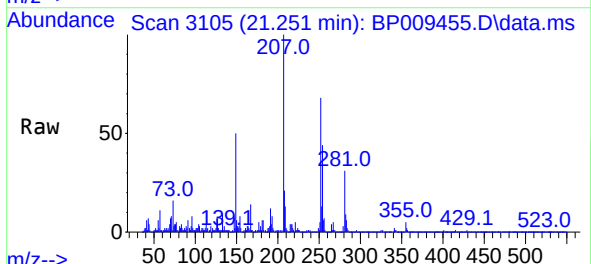
Manual Integrations
APPROVED

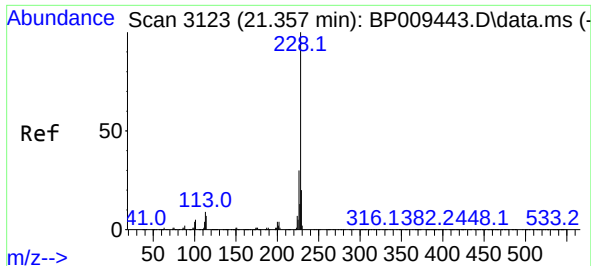
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 4.564 ng
RT: 21.251 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

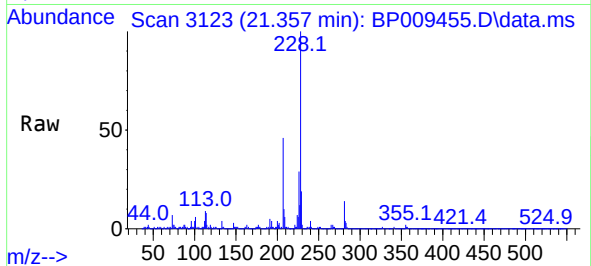
Tgt Ion:252 Resp: 159115
Ion Ratio Lower Upper
252 100
254 64.4 50.7 76.1
126 9.9 8.9 13.3





#83
Chrysene
Concen: 4.624 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

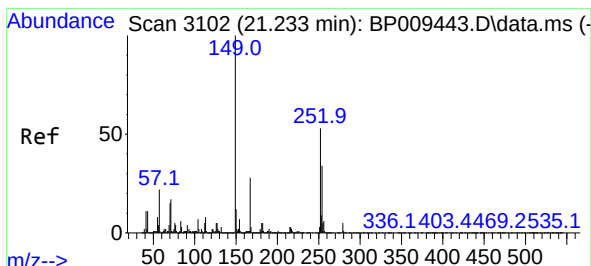
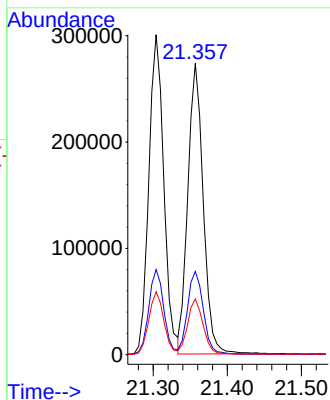
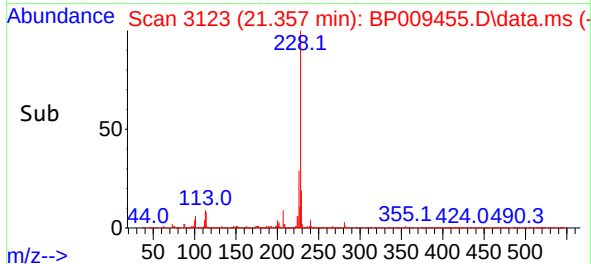
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2022



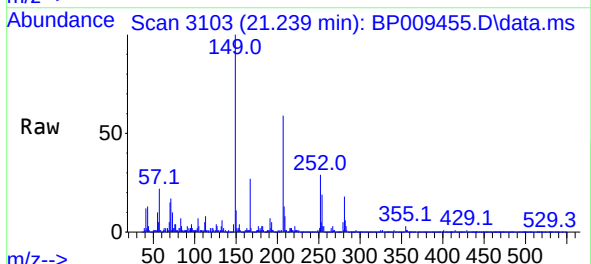
Tgt Ion:228 Resp: 395180
Ion Ratio Lower Upper
228 100
226 28.6 24.2 36.2
229 19.1 16.1 24.1

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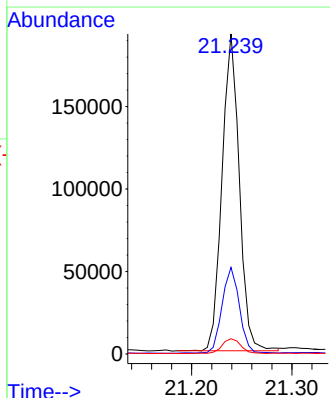
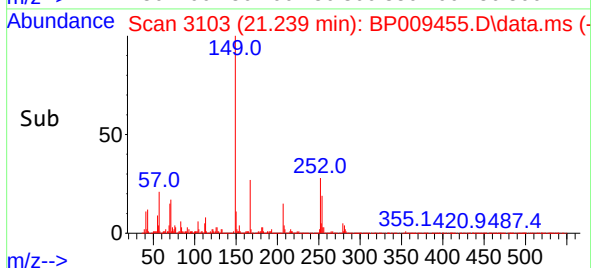
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

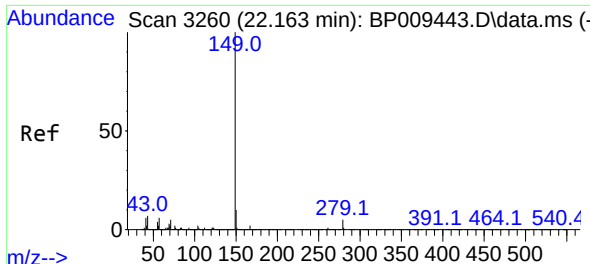


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.276 ng
RT: 21.239 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46



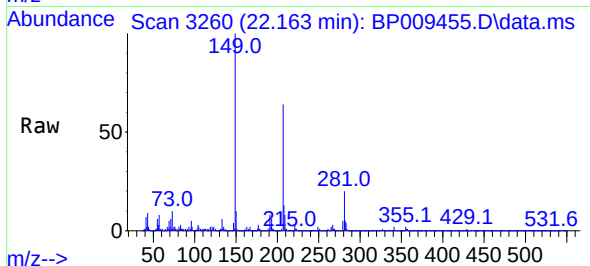
Tgt Ion:149 Resp: 229305
Ion Ratio Lower Upper
149 100
167 27.1 22.6 33.8
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 4.229 ng
RT: 22.163 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

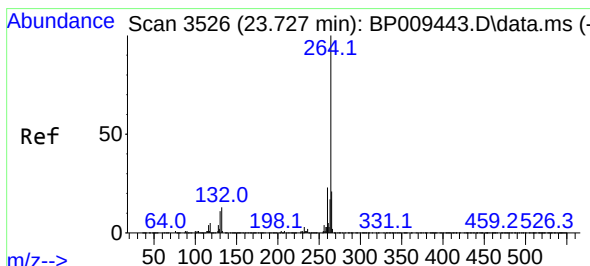
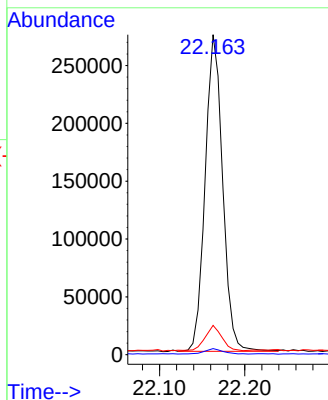
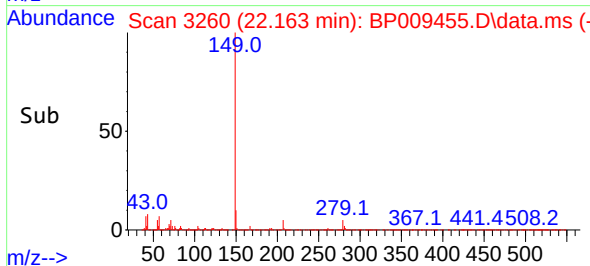
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:149 Resp: 39091
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.7 6.9 10.3

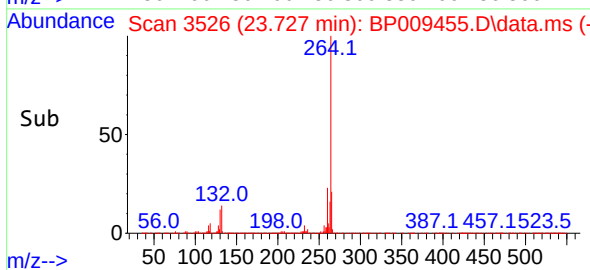
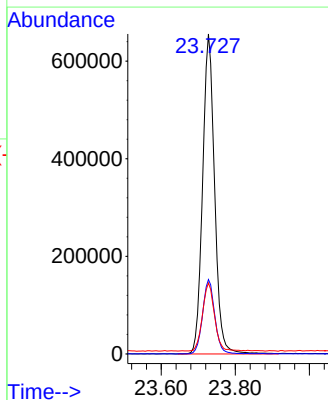
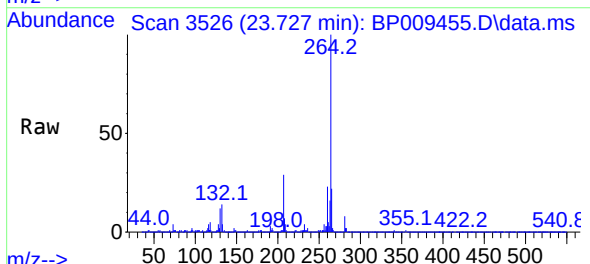
Manual Integrations
APPROVED

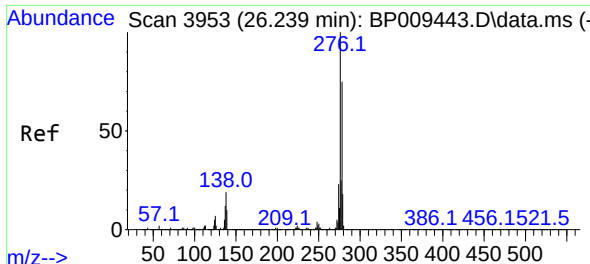
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

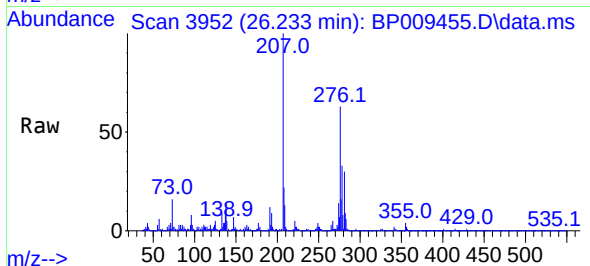
Tgt Ion:264 Resp: 1472801
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.0
265 22.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.339 ng
RT: 26.233 min Scan# 3953
Delta R.T. -0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

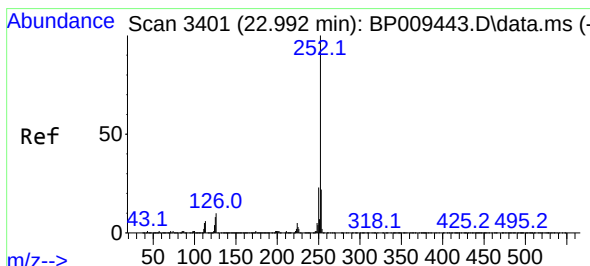
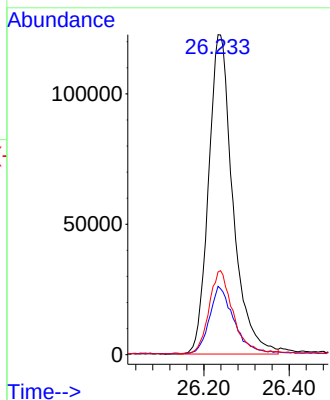
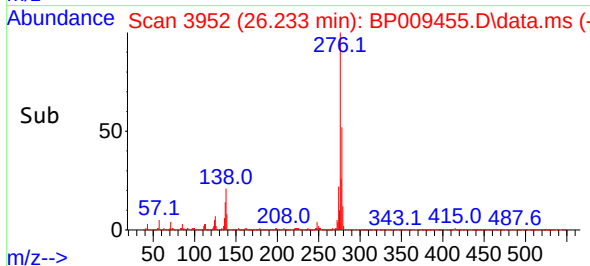
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:276 Resp: 484814
Ion Ratio Lower Upper
276 100
138 21.1 20.5 30.7
277 25.4 20.4 30.6

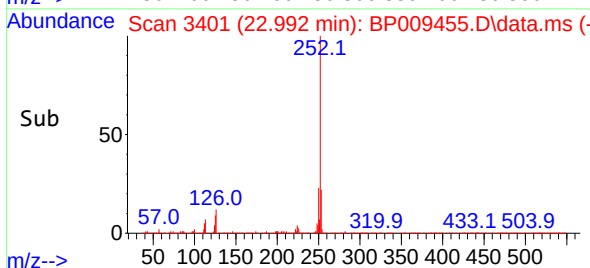
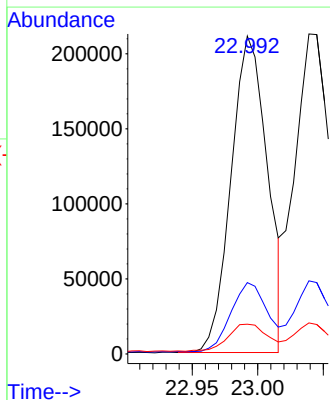
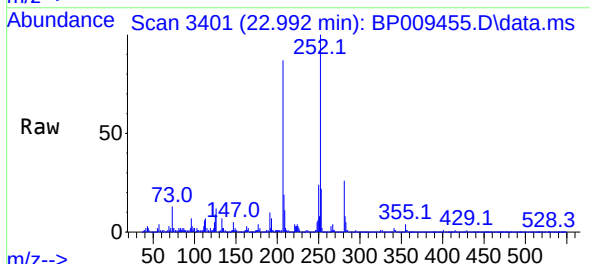
Manual Integrations
APPROVED

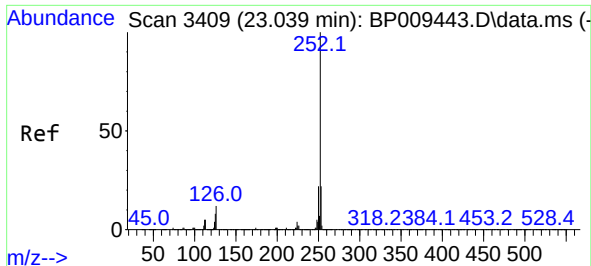
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#88
Benzo(b)fluoranthene
Concen: 4.636 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

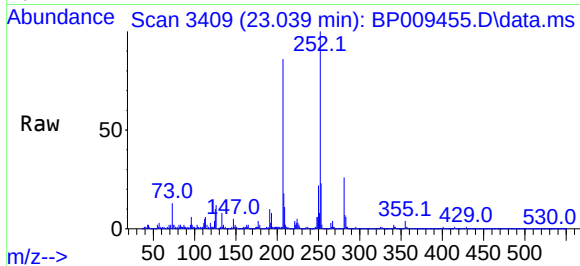
Tgt Ion:252 Resp: 407604
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 4.987 ng
RT: 23.039 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

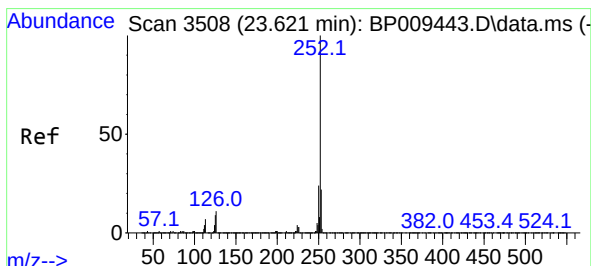
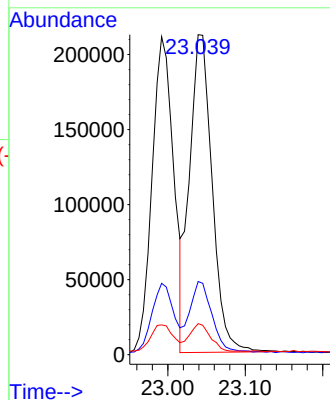
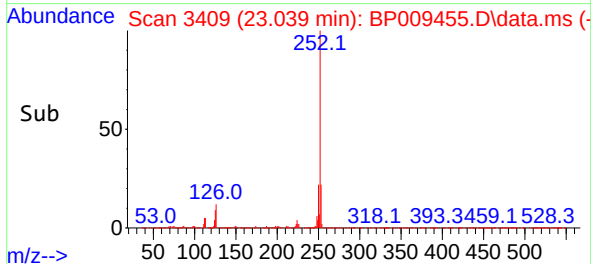
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:252 Resp: 42929
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.7 8.3 12.5

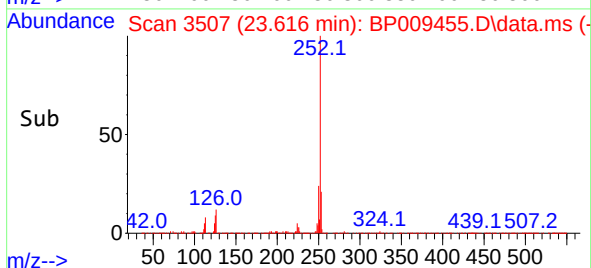
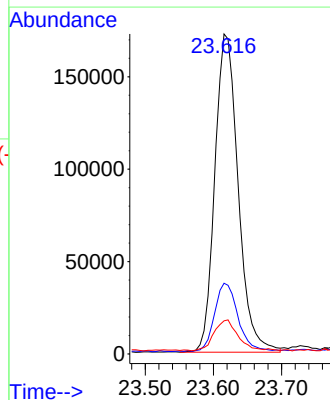
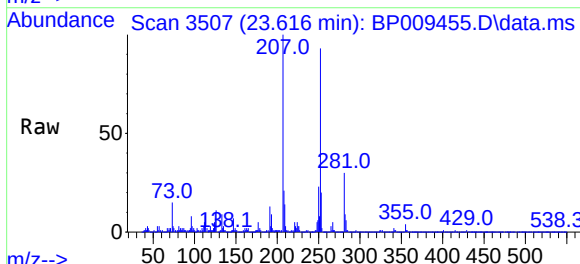
Manual Integrations
APPROVED

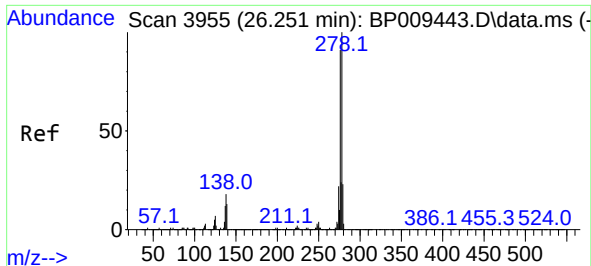
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#90
Benzo(a)pyrene
Concen: 5.456 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

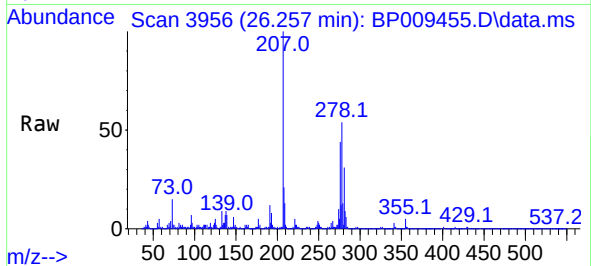
Tgt Ion:252 Resp: 410418
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.3 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 4.606 ng
RT: 26.257 min Scan# 3955
Delta R.T. 0.006 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

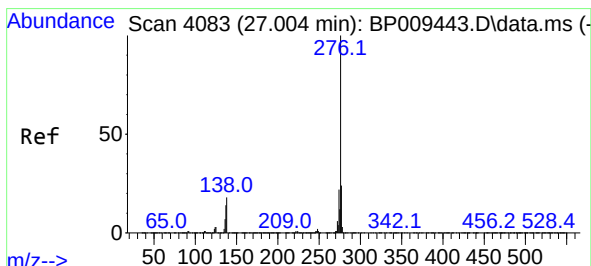
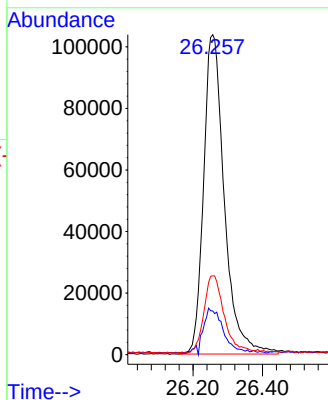
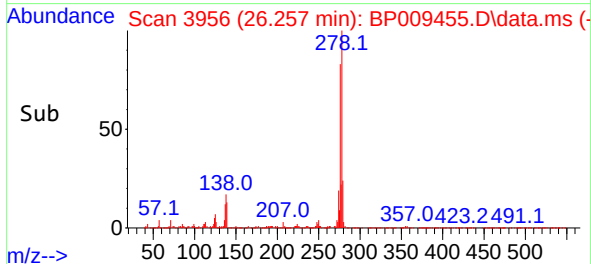
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:278 Resp: 428944
Ion Ratio Lower Upper
278 100
139 13.6 13.2 19.8
279 24.6 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: 4.710 ng
RT: 27.004 min Scan# 4083
Delta R.T. -0.000 min
Lab File: BP009455.D
Acq: 18 Mar 2022 13:46

Tgt Ion:276 Resp: 431492
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 19.0 18.0 27.0

