

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011802.D
 Acq On : 26 Sep 2022 18:12
 Operator : CG/JU
 Sample : N4790-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 250FERRYBLVD-SOIL-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 03:21:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	231380	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1133319	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	757451	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1634947	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1562881	20.000	ng	0.00
86) Perylene-d12	23.839	264	1651962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2455409	186.198	ng	0.00
7) Phenol-d6	7.081	99	3291286	168.797	ng	0.00
23) Nitrobenzene-d5	9.081	82	1961539	90.591	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1045664	205.021	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4444490	92.791	ng	-0.01
79) Terphenyl-d14	19.869	244	7039455	103.566	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	229975	41.478	ng	# 62
3) Pyridine	3.769	79	647593	37.846	ng	94
4) n-Nitrosodimethylamine	3.669	42	330893	43.728	ng	# 84
6) Aniline	7.240	93	1092417	45.038	ng	98
8) 2-Chlorophenol	7.475	128	993163	61.903	ng	96
9) Benzaldehyde	7.052	77	531652m	43.582	ng	
10) Phenol	7.105	94	1261640	57.442	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	899234	51.722	ng	96
12) 1,3-Dichlorobenzene	7.799	146	810137	48.054	ng	98
13) 1,4-Dichlorobenzene	7.952	146	838779	48.553	ng	99
14) 1,2-Dichlorobenzene	8.269	146	836329	49.484	ng	99
15) Benzyl Alcohol	8.157	79	882227m	61.239	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1243433	43.299	ng	94
17) 2-Methylphenol	8.357	107	887124	61.623	ng	98
18) Hexachloroethane	8.999	117	289081	43.707	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	741887	51.755	ng	91
20) 3+4-Methylphenols	8.687	107	1270084	62.836	ng	99
22) Acetophenone	8.746	105	1493031	52.445	ng	# 95
24) Nitrobenzene	9.122	77	1072791	47.952	ng	96
25) Isophorone	9.657	82	2237387	55.079	ng	98
26) 2-Nitrophenol	9.840	139	469718	51.711	ng	93
27) 2,4-Dimethylphenol	9.899	122	1077273	75.089	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	1362246	57.544	ng	99
29) 2,4-Dichlorophenol	10.369	162	994890	64.812	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	794085	49.680	ng	99
31) Naphthalene	10.775	128	2906560	48.375	ng	100
32) Benzoic acid	9.993	122	150225	17.265	ng	99
33) 4-Chloroaniline	10.887	127	413907	16.523	ng	99
34) Hexachlorobutadiene	11.063	225	405421	50.290	ng	97
35) Caprolactam	11.693	113	352573m	56.515	ng	
36) 4-Chloro-3-methylphenol	12.010	107	1196998	64.250	ng	97
37) 2-Methylnaphthalene	12.387	142	2133661	51.422	ng	99
38) 1-Methylnaphthalene	12.604	142	2069796	50.655	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	921602	53.988	ng	99
41) Hexachlorocyclopentadiene	12.728	237	735199	87.818	ng	97
43) 2,4,6-Trichlorophenol	12.993	196	759823	61.491	ng	98

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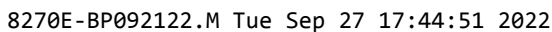
Quant Time: Sep 27 03:21:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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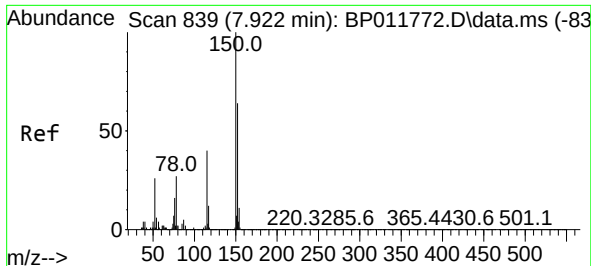
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	868454	61.147	ng	97
46) 1,1'-Biphenyl	13.392	154	2863334	52.029	ng	99
47) 2-Chloronaphthalene	13.434	162	2155360	50.493	ng	99
48) 2-Nitroaniline	13.640	65	771894	50.718	ng	92
49) Acenaphthylene	14.281	152	3636344	51.321	ng	100
50) Dimethylphthalate	14.022	163	3020212	54.382	ng	100
51) 2,6-Dinitrotoluene	14.140	165	655638	57.179	ng	90
52) Acenaphthene	14.622	154	2187506	50.340	ng	98
53) 3-Nitroaniline	14.469	138	516095	36.749	ng	97
54) 2,4-Dinitrophenol	14.669	184	136074	27.306	ng	94
55) Dibenzofuran	14.957	168	3438365	51.624	ng	99
56) 4-Nitrophenol	14.775	139	1300313	111.494	ng	92
57) 2,4-Dinitrotoluene	14.922	165	913577	53.341	ng	93
58) Fluorene	15.610	166	2826984	50.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	702319m	60.565	ng	
60) Diethylphthalate	15.387	149	3105987	53.562	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1286168	54.441	ng	99
62) 4-Nitroaniline	15.634	138	802784	48.846	ng	98
63) Azobenzene	15.898	77	2995330	47.173	ng	95
65) 4,6-Dinitro-2-methylph...	15.686	198	171275	23.870	ng	87
66) n-Nitrosodiphenylamine	15.822	169	2538863	52.116	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	763657	56.956	ng	93
68) Hexachlorobenzene	16.616	284	801413	56.255	ng	95
69) Atrazine	16.775	200	889970	63.087	ng	99
70) Pentachlorophenol	16.963	266	1053099	101.503	ng	99
71) Phenanthrene	17.357	178	4608499	49.976	ng	100
72) Anthracene	17.451	178	4647095	52.690	ng	100
73) Carbazole	17.722	167	4613720	53.413	ng	99
74) Di-n-butylphthalate	18.269	149	5534176	53.189	ng	99
75) Fluoranthene	19.322	202	5273536	52.605	ng	99
77) Benzidine	19.498	184	2991066	98.609	ng	100
78) Pyrene	19.674	202	5462106	52.303	ng	100
80) Butylbenzylphthalate	20.545	149	2600002	51.006	ng	92
81) Benzo(a)anthracene	21.380	228	5337604	51.762	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	1086505	36.129	ng	99
83) Chrysene	21.439	228	5027184	51.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	3879415	51.791	ng	100
85) Di-n-octyl phthalate	22.239	149	6735025	56.522	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.404	276	6221660	48.132	ng	98
88) Benzo(b)fluoranthene	23.098	252	5666127	55.244	ng	99
89) Benzo(k)fluoranthene	23.151	252	5536459	52.681	ng	98
90) Benzo(a)pyrene	23.733	252	5016116	57.805	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	5429916	50.595	ng	98
92) Benzo(g,h,i)perylene	27.192	276	5249274	50.528	ng	99

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

Manual Integrations

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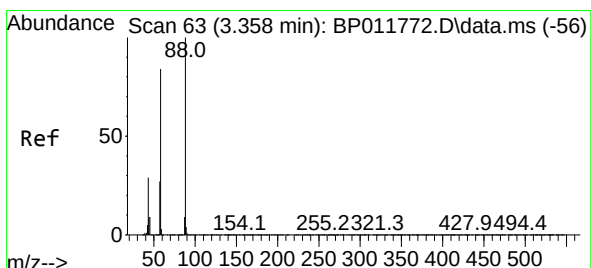
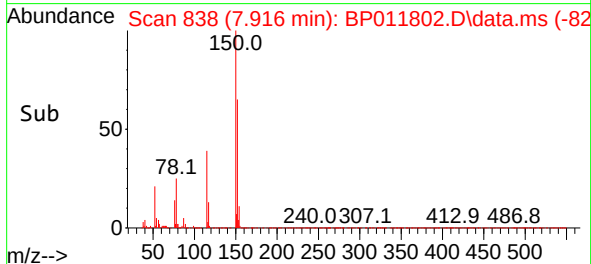
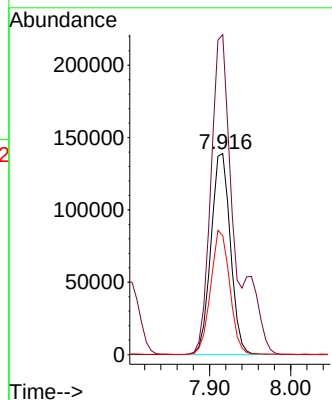
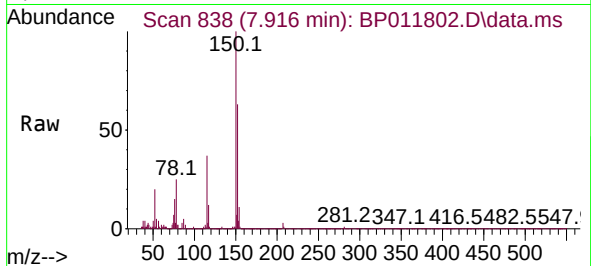
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion:152 Resp: 231380
Ion Ratio Lower Upper
152 100
150 159.1 124.2 186.4
115 59.2 50.0 75.0

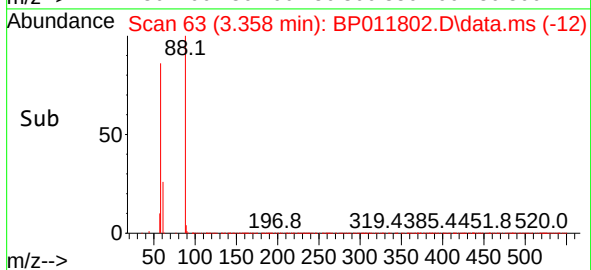
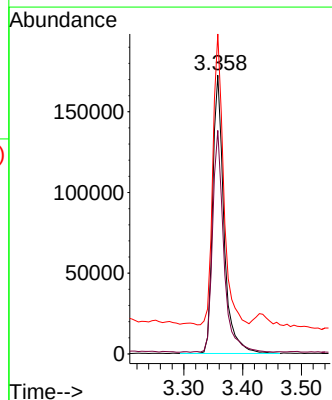
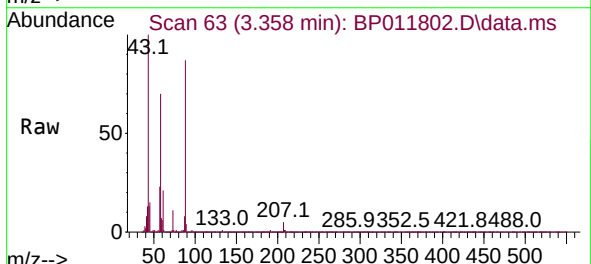
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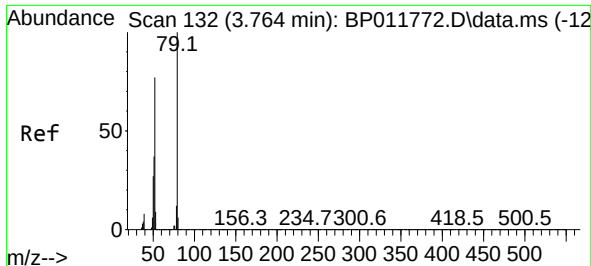
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#2
1,4-Dioxane
Concen: 41.478 ng
RT: 3.358 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion: 88 Resp: 229975
Ion Ratio Lower Upper
88 100
58 79.1 66.6 99.8
43 100.6 23.2 34.8





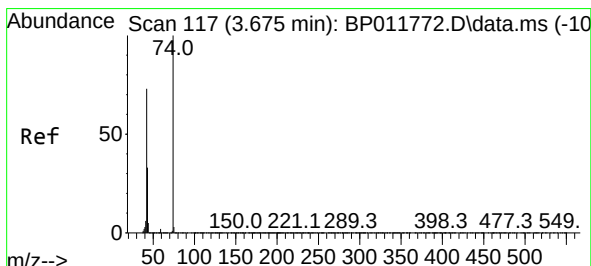
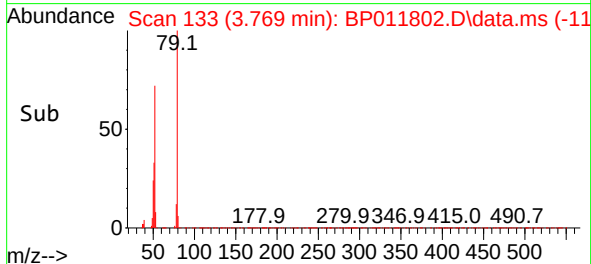
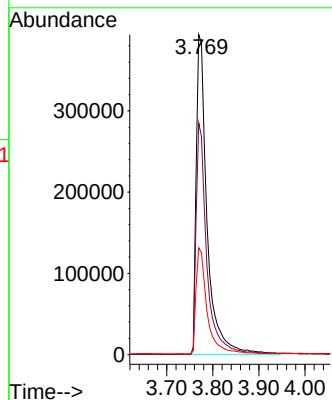
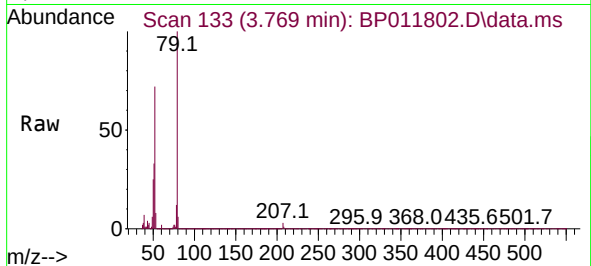
#3
Pyridine
Concen: 37.846 ng
RT: 3.769 min Scan# 116
Delta R.T. 0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion: 79 Resp: 647593
Ion Ratio Lower Upper
79 100
52 72.4 61.9 92.9
51 33.4 29.9 44.9

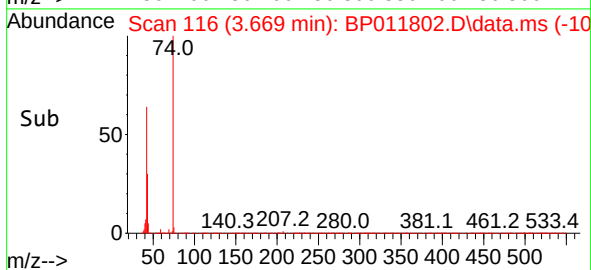
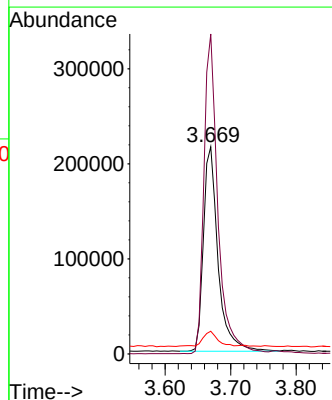
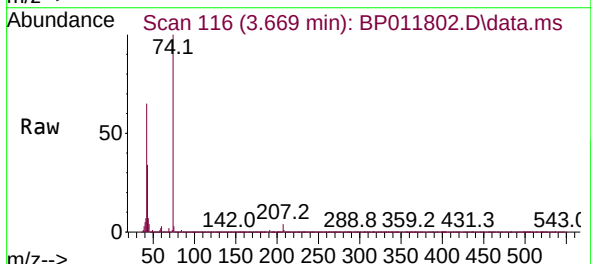
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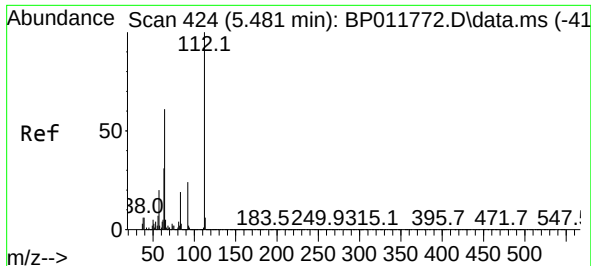
Reviewed By :Christian Giraldo 09/27/2022
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#4
n-Nitrosodimethylamine
Concen: 43.728 ng
RT: 3.669 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion: 42 Resp: 330893
Ion Ratio Lower Upper
42 100
74 154.5 109.0 163.6
44 10.9 15.4 23.2





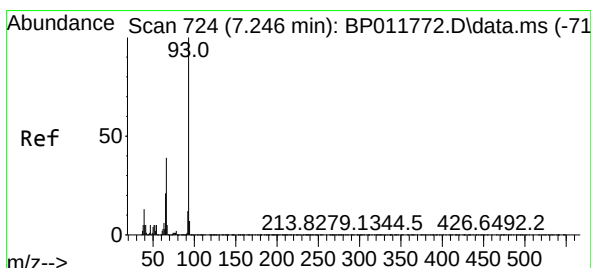
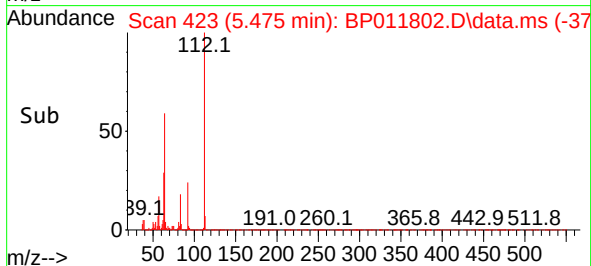
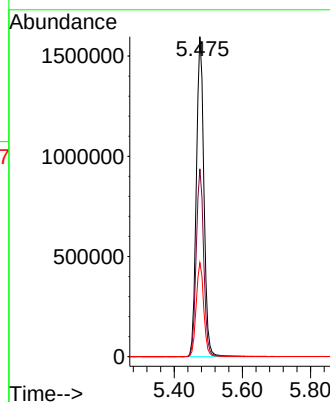
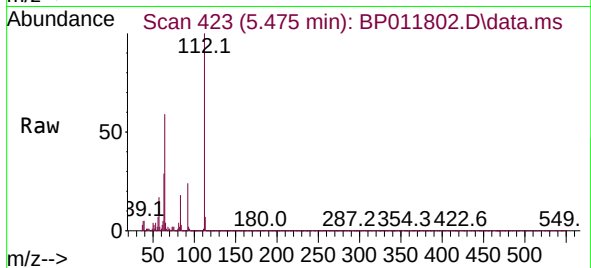
#5
2-Fluorophenol
Concen: 186.198 ng
RT: 5.475 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion:112 Resp: 2455409
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 29.3 25.2 37.8

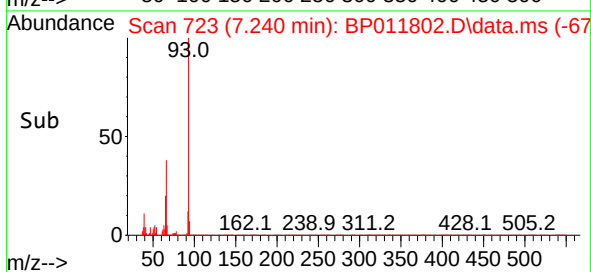
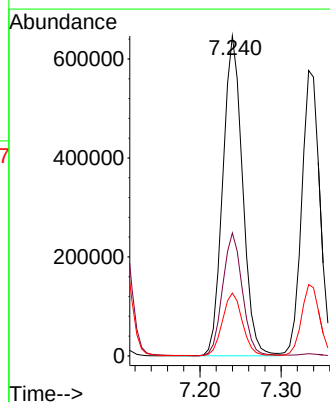
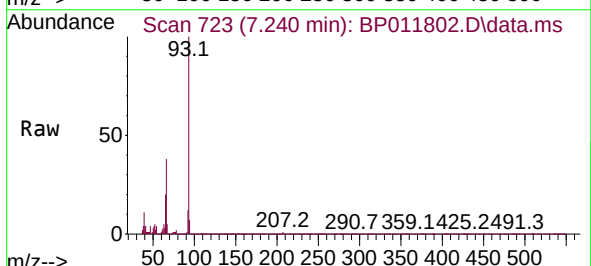
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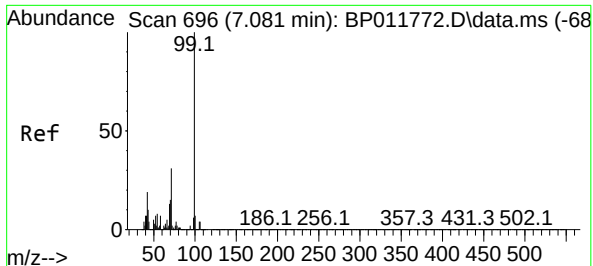
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#6
Aniline
Concen: 45.038 ng
RT: 7.240 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP011802.D
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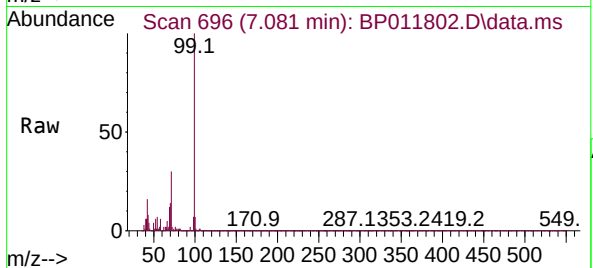
Tgt Ion: 93 Resp: 1092417
Ion Ratio Lower Upper
93 100
66 38.4 31.3 46.9
65 19.6 16.9 25.3





#7
Phenol-d6
Concen: 168.797 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

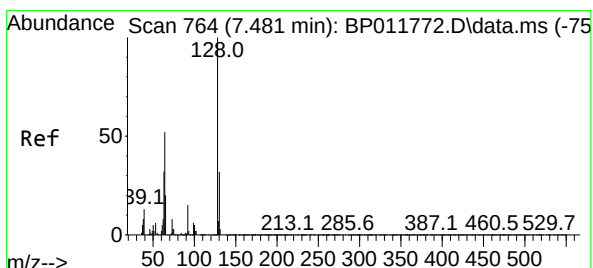
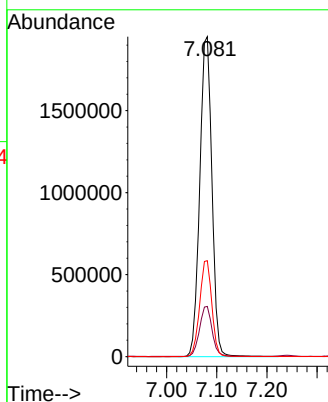
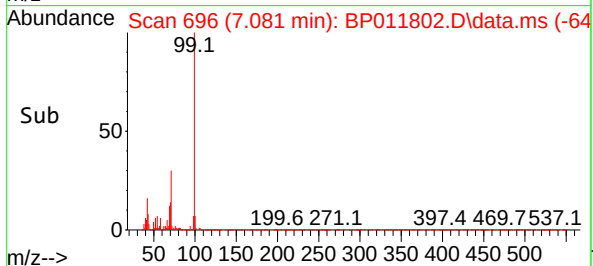
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Tgt Ion: 99 Resp: 3291286
Ion Ratio Lower Upper
99 100
42 15.7 15.4 23.2
71 30.0 24.7 37.1

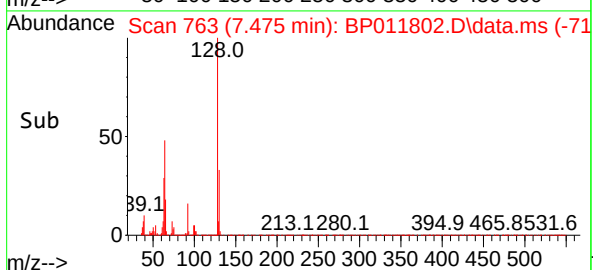
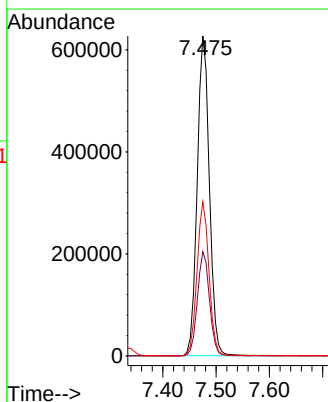
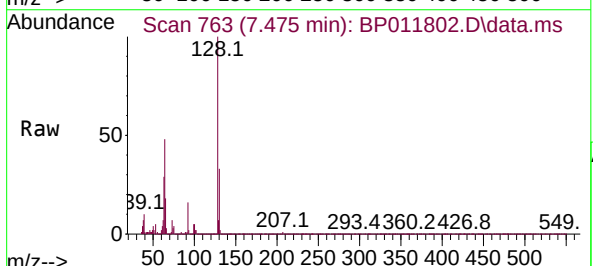
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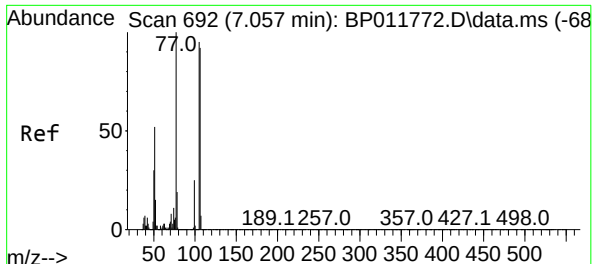
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Supervised By :Jagrut Upadhyay 09/27/2022



#8
2-Chlorophenol
Concen: 61.903 ng
RT: 7.475 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:128 Resp: 993163
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 48.1 32.6 72.6





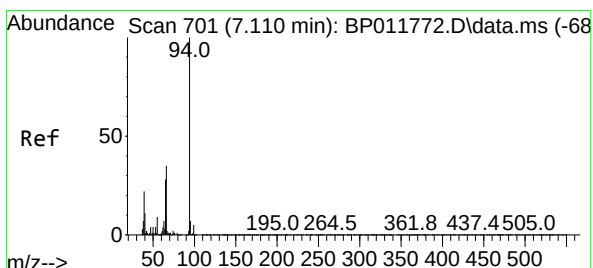
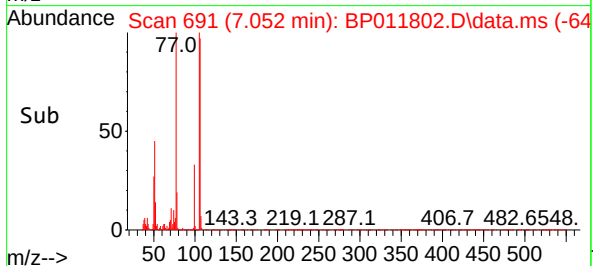
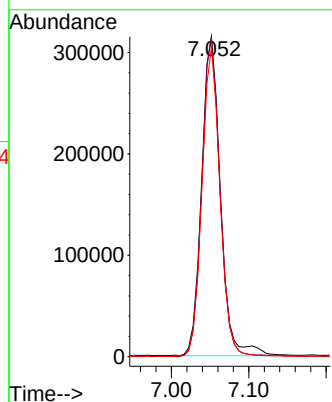
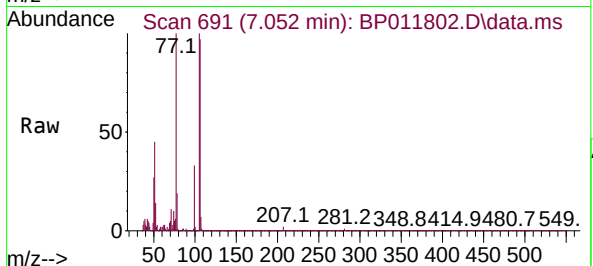
#9
Benzaldehyde
Concen: 43.582 ng m
RT: 7.052 min Scan# 69
Delta R.T. -0.005 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
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Tgt Ion: 77 Resp: 531652
Ion Ratio Lower Upper
77 100
105 99.8 75.4 115.4
106 96.5 71.6 111.6

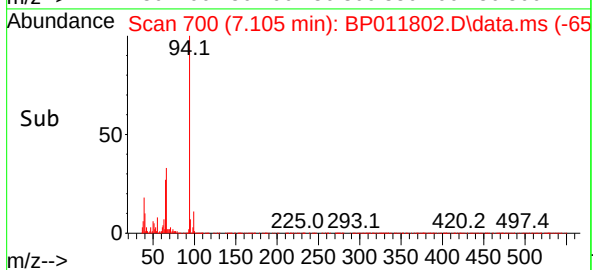
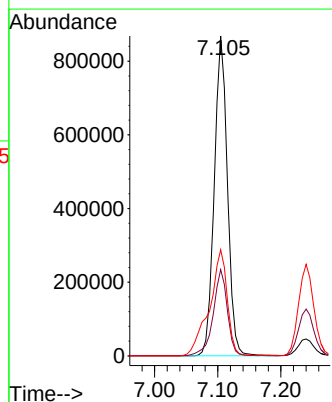
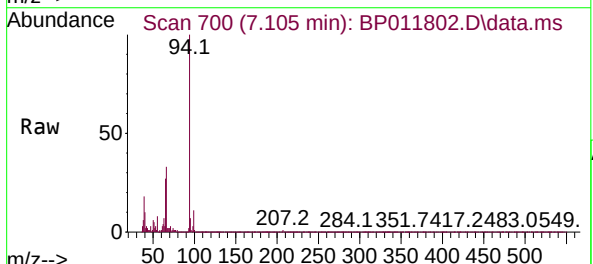
Manual Integrations
APPROVED

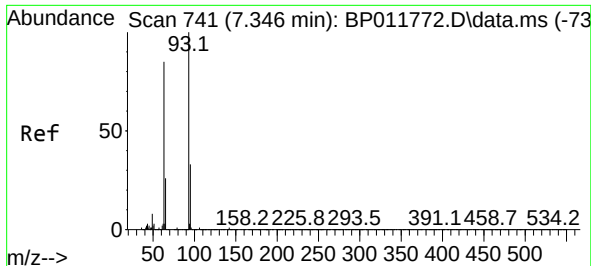
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#10
Phenol
Concen: 57.442 ng
RT: 7.105 min Scan# 700
Delta R.T. -0.005 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

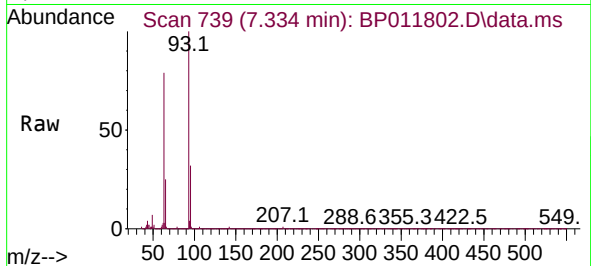
Tgt Ion: 94 Resp: 1261640
Ion Ratio Lower Upper
94 100
65 27.0 8.1 48.1
66 33.2 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 51.722 ng
RT: 7.334 min Scan# 741
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

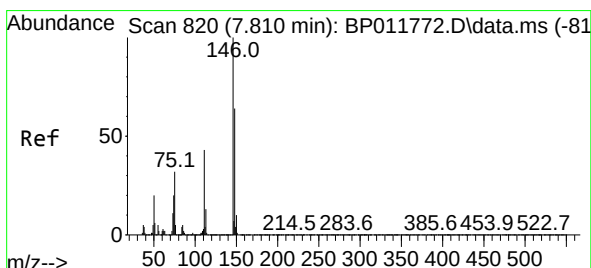
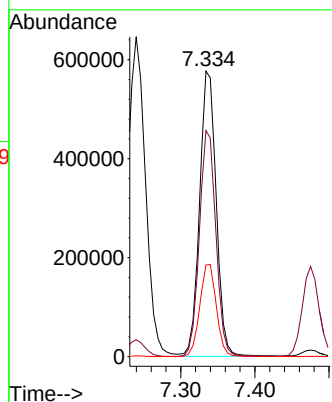
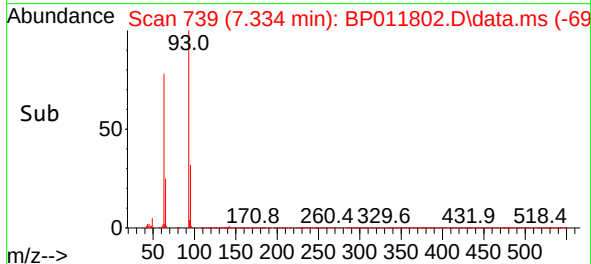
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



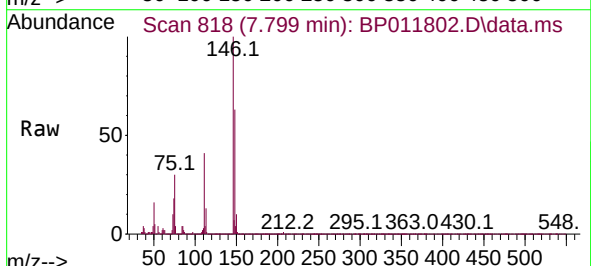
Tgt Ion: 93 Resp: 899234
Ion Ratio Lower Upper
93 100
63 79.2 64.4 104.4
95 32.1 12.7 52.7

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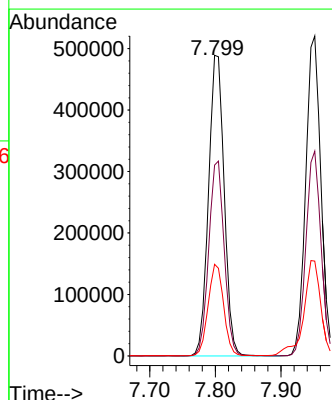
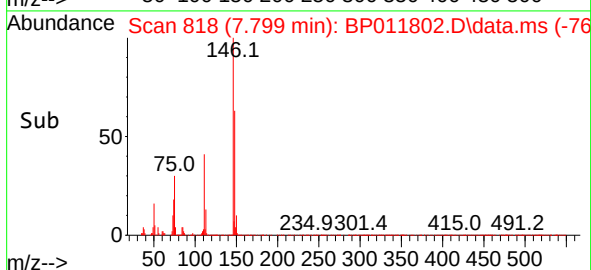
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

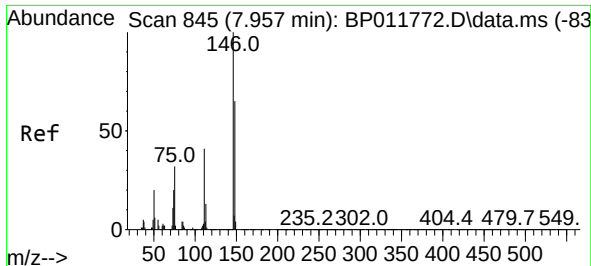


#12
1,3-Dichlorobenzene
Concen: 48.054 ng
RT: 7.799 min Scan# 818
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



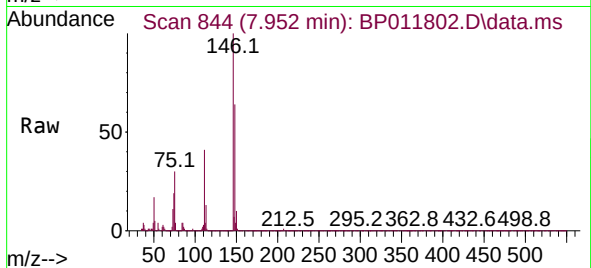
Tgt Ion:146 Resp: 810137
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 30.5 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 48.553 ng
RT: 7.952 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

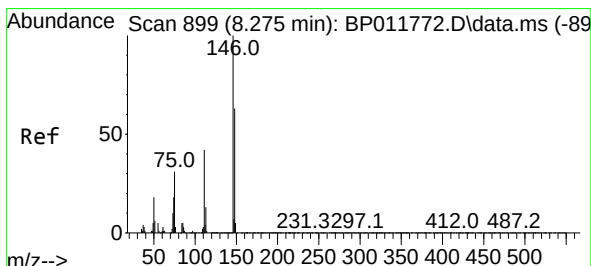
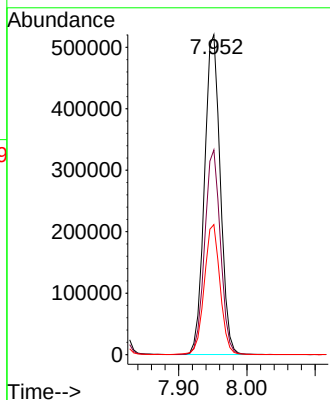
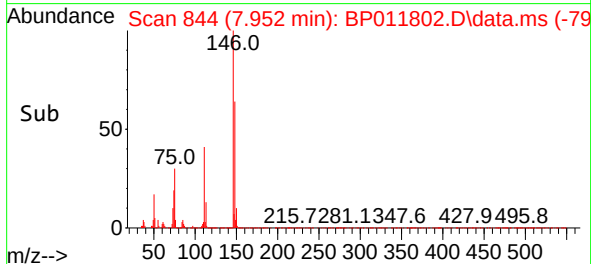
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



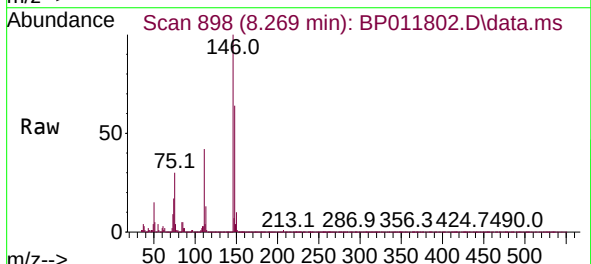
Tgt Ion:146 Resp: 838779
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 40.6 32.6 48.8

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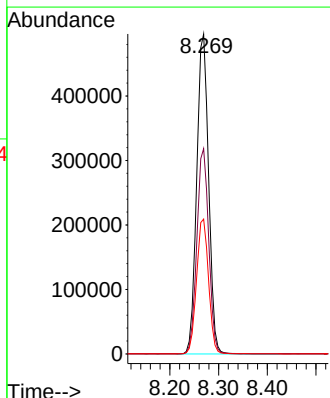
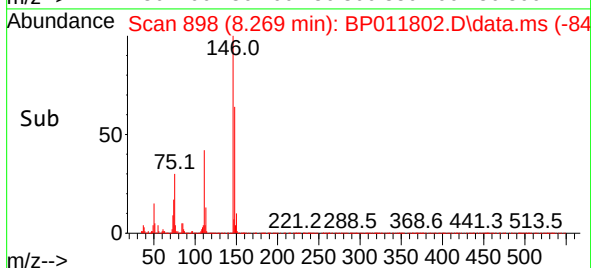
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

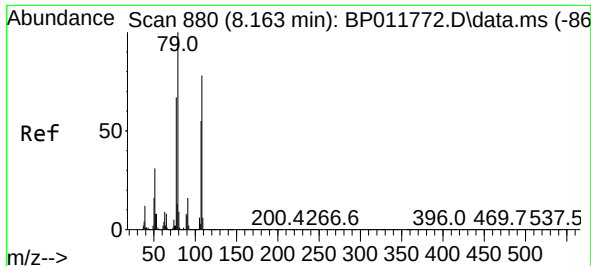


#14
1,2-Dichlorobenzene
Concen: 49.484 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



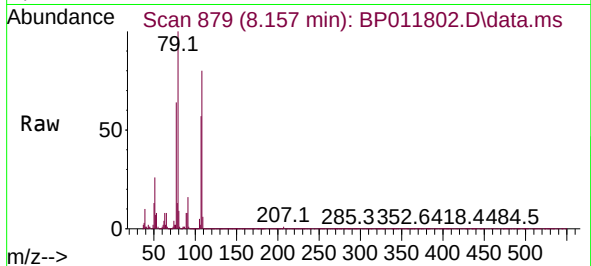
Tgt Ion:146 Resp: 836329
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 42.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 61.239 ng m
RT: 8.157 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

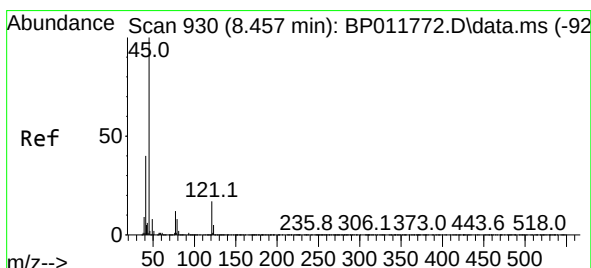
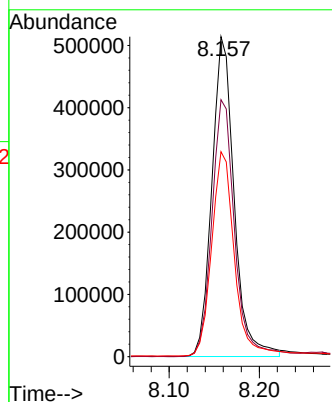
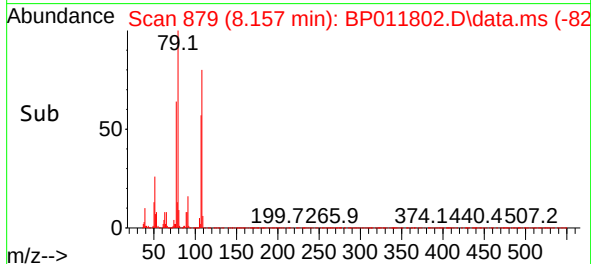
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion: 79 Resp: 882227
Ion Ratio Lower Upper
79 100
108 80.3 62.7 94.1
77 64.0 53.8 80.6

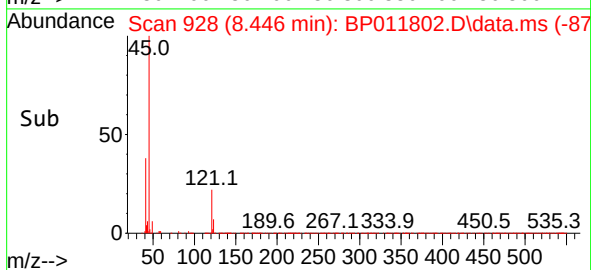
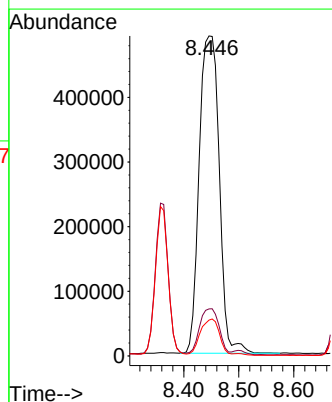
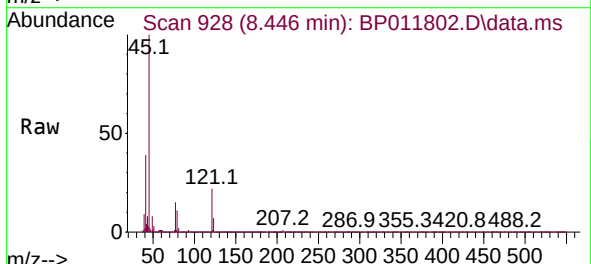
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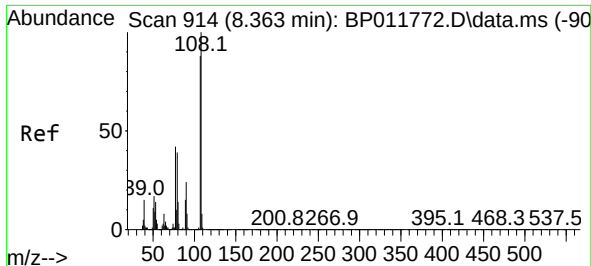
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.299 ng
RT: 8.446 min Scan# 928
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion: 45 Resp: 1243433
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.6
79 11.2 0.0 29.0





#17

2-Methylphenol

Concen: 61.623 ng

RT: 8.357 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011802.D

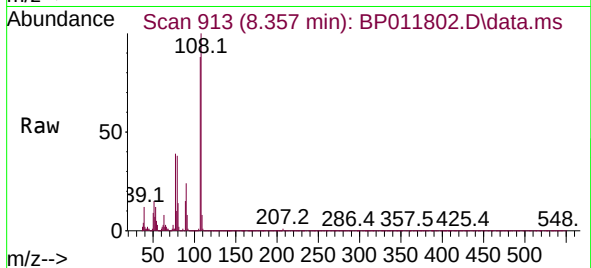
Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD



Tgt Ion:107 Resp: 887124

Ion Ratio Lower Upper

107 100

108 113.1 90.6 136.0

77 43.8 38.0 57.0

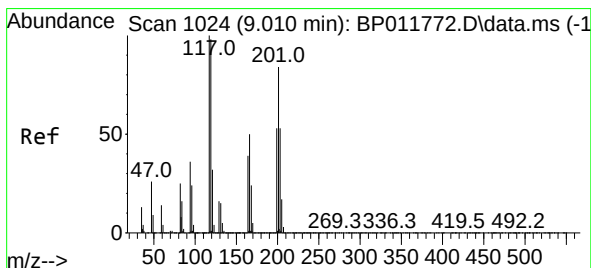
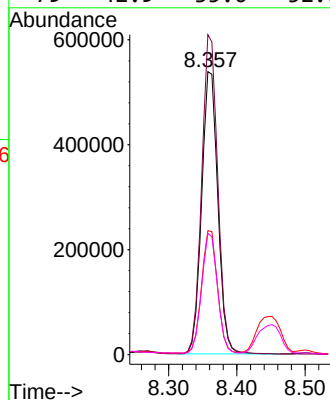
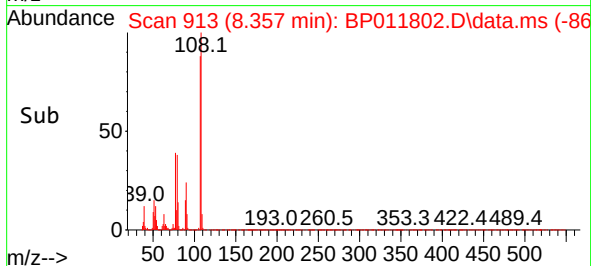
79 42.9 35.0 52.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#18

Hexachloroethane

Concen: 43.707 ng

RT: 8.999 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

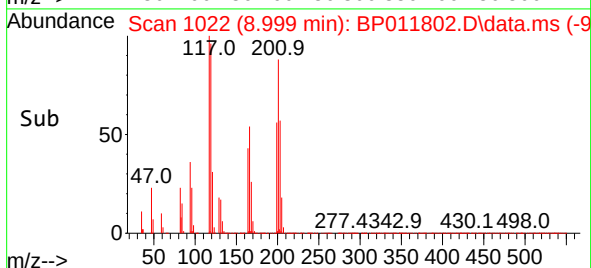
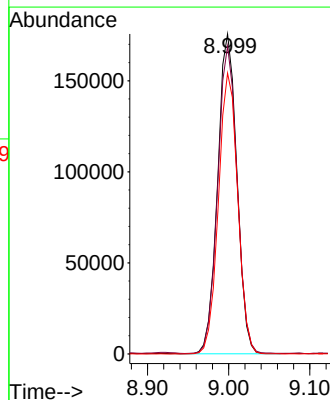
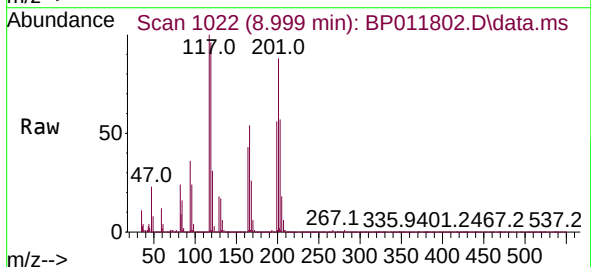
Tgt Ion:117 Resp: 289081

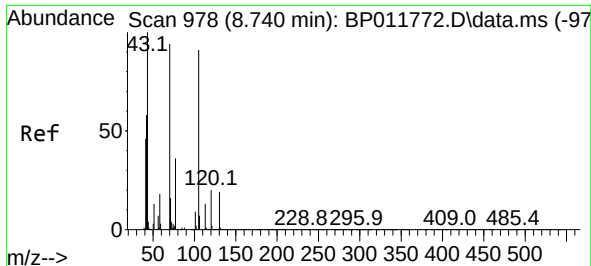
Ion Ratio Lower Upper

117 100

119 96.2 78.8 118.2

201 87.7 67.4 101.0





#19

n-Nitroso-di-n-propylamine

Concen: 51.755 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP011802.D

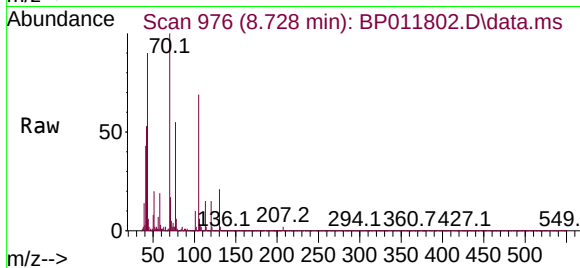
Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD



Tgt Ion: 70 Resp: 74188

Ion Ratio Lower Upper

70 100

42 53.0 50.1 75.1

101 9.5 7.6 11.4

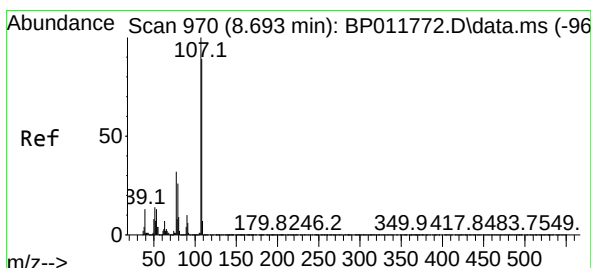
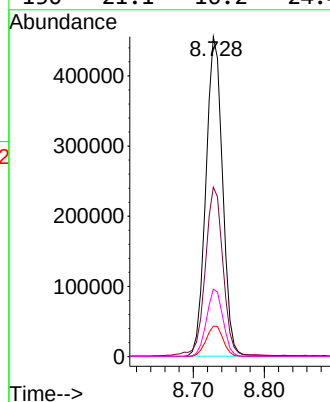
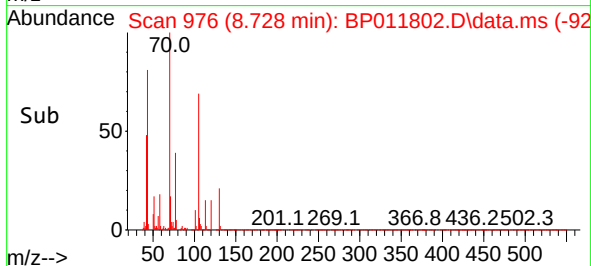
130 21.1 16.2 24.4

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#20

3+4-Methylphenols

Concen: 62.836 ng

RT: 8.687 min Scan# 969

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Tgt Ion:107 Resp: 1270084

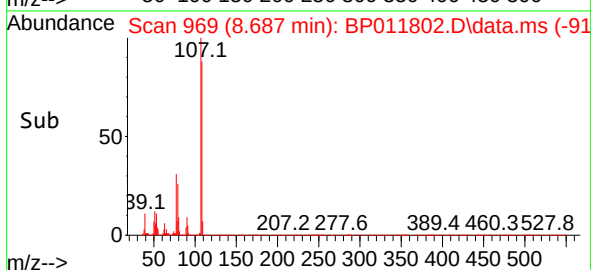
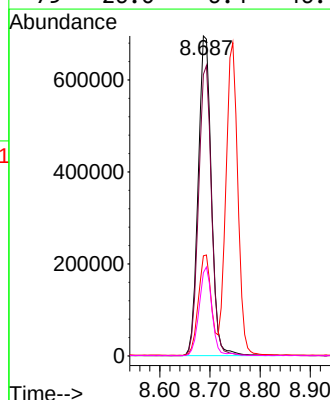
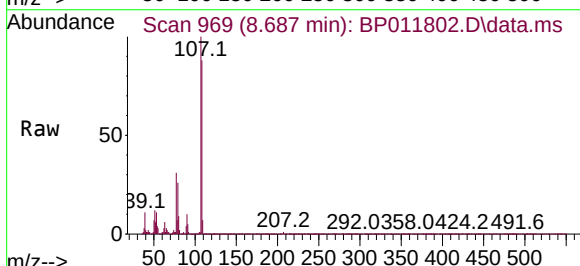
Ion Ratio Lower Upper

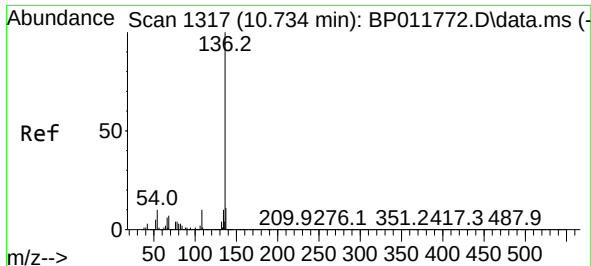
107 100

108 87.9 69.2 109.2

77 31.3 12.5 52.5

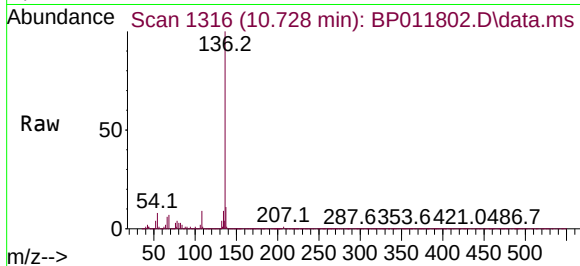
79 26.0 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

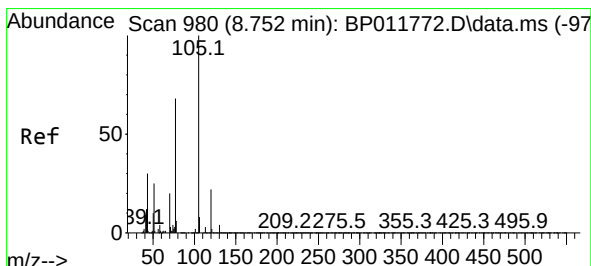
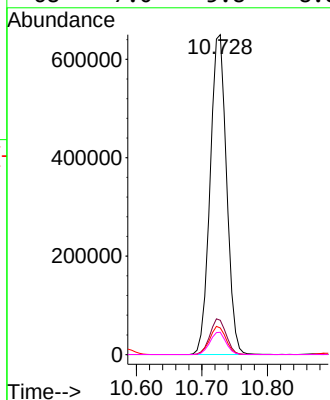
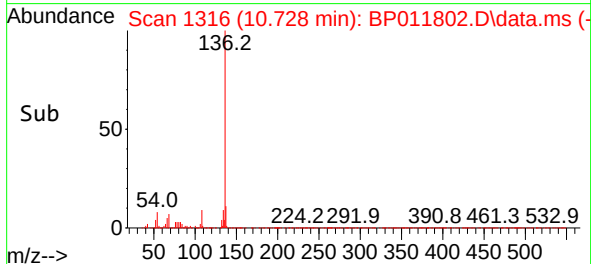
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



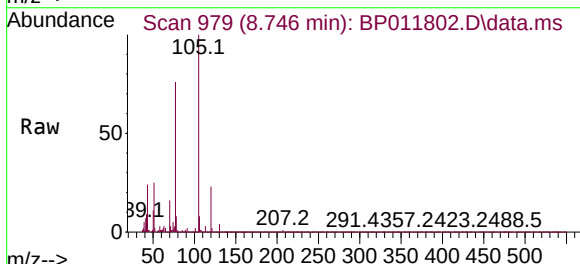
Tgt Ion:136 Resp: 1133319
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.3 8.2 12.4
68 7.0 5.8 8.8

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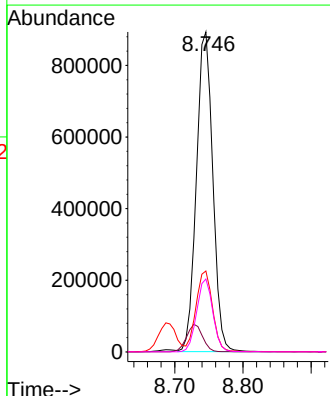
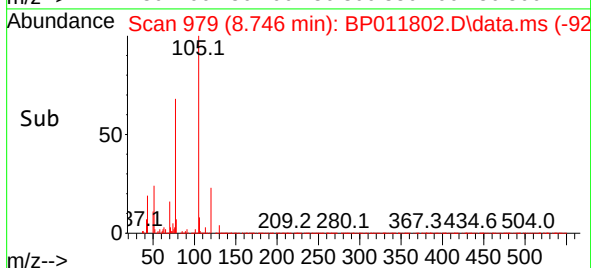
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

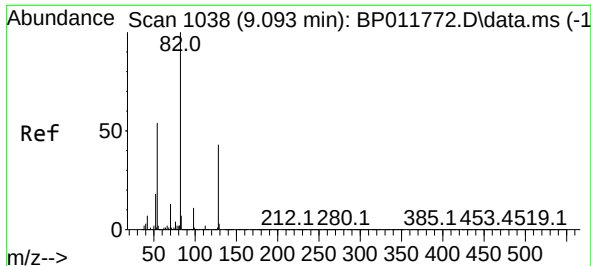


#22
Acetophenone
Concen: 52.445 ng
RT: 8.746 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



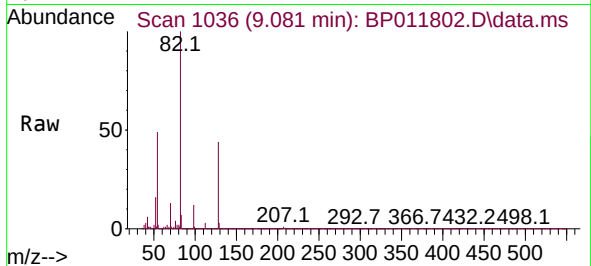
Tgt Ion:105 Resp: 1493031
Ion Ratio Lower Upper
105 100
71 2.7 2.7 4.1#
51 25.3 23.6 35.4
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 90.591 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

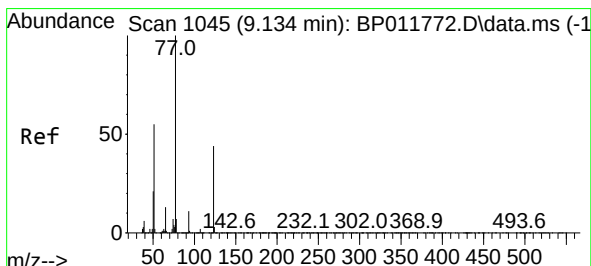
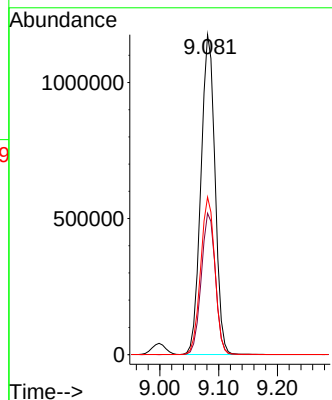
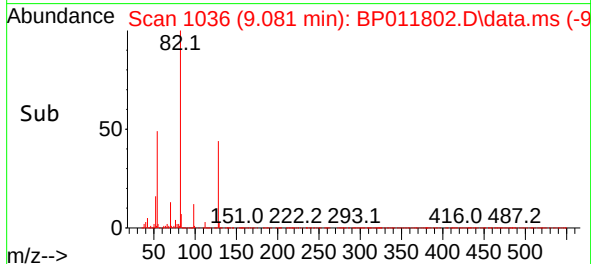
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



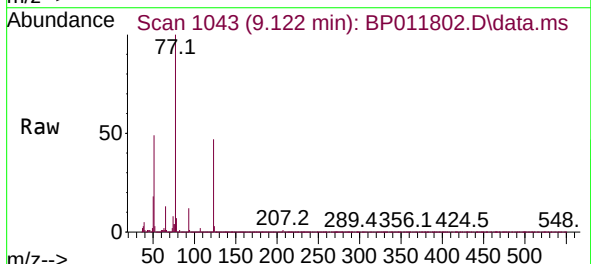
Tgt Ion: 82 Resp: 1961539
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 49.2 43.1 64.7

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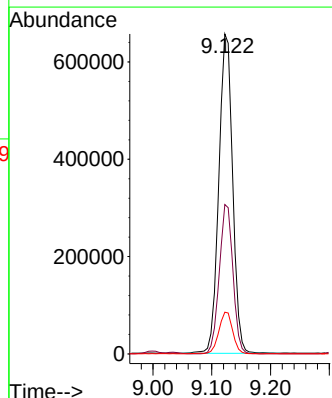
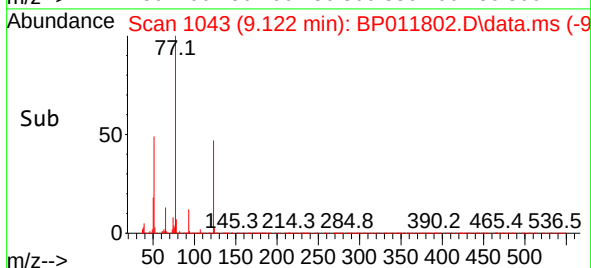
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

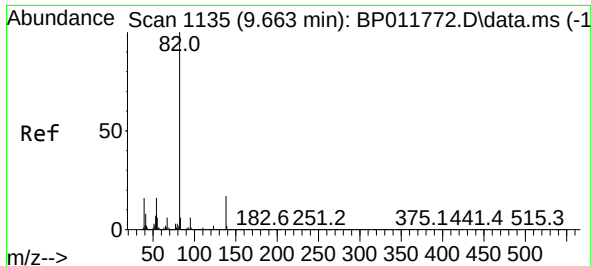


#24
Nitrobenzene
Concen: 47.952 ng
RT: 9.122 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



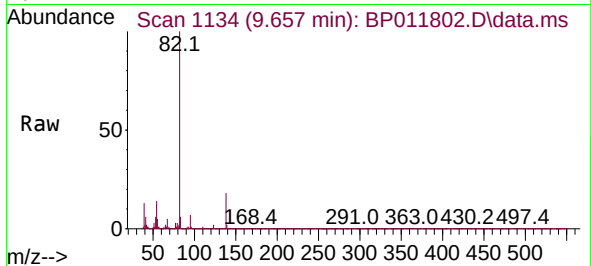
Tgt Ion: 77 Resp: 1072791
Ion Ratio Lower Upper
77 100
123 46.7 35.0 52.4
65 13.0 10.7 16.1





#25
Isophorone
Concen: 55.079 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

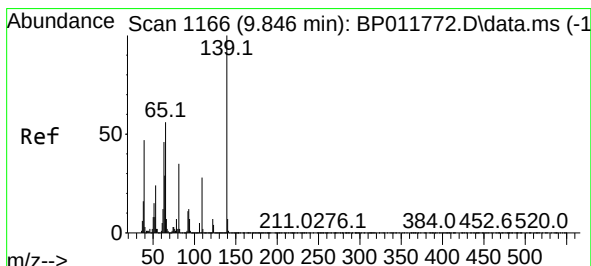
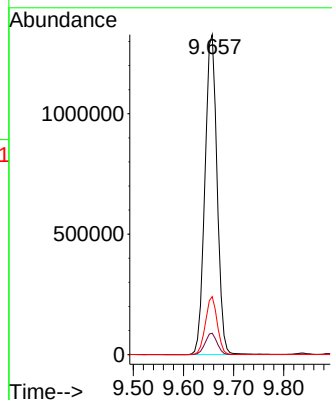
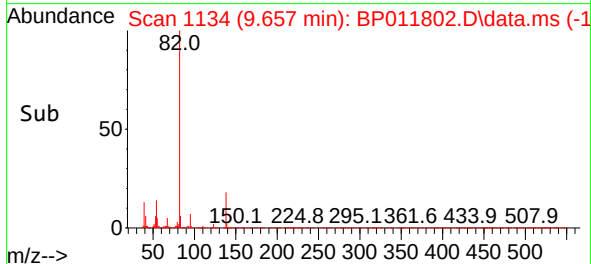
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion: 82 Resp: 223738
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 18.1 13.6 20.4

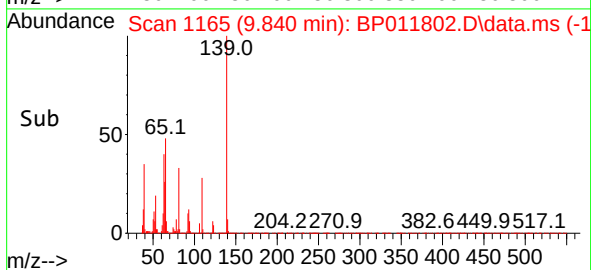
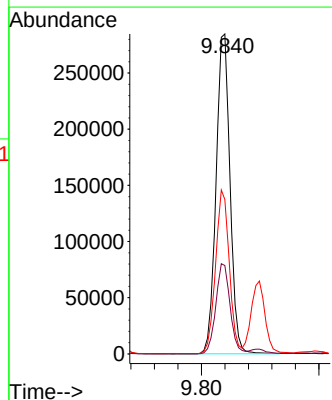
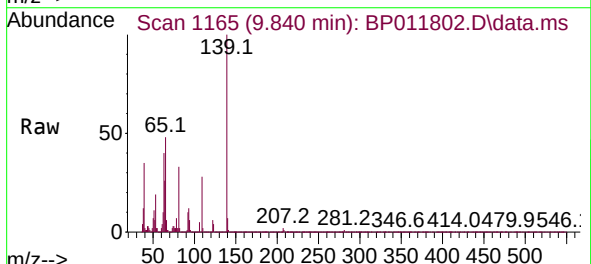
Manual Integrations
APPROVED

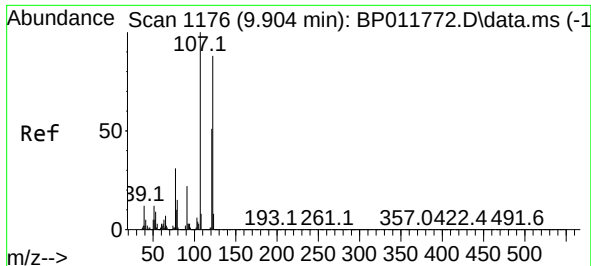
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#26
2-Nitrophenol
Concen: 51.711 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

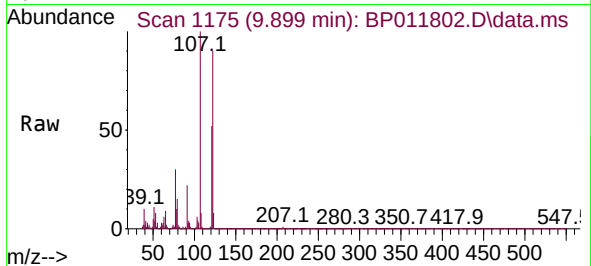
Tgt Ion:139 Resp: 469718
Ion Ratio Lower Upper
139 100
109 27.6 22.6 34.0
65 48.2 44.7 67.1





#27
2,4-Dimethylphenol
Concen: 75.089 ng
RT: 9.899 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

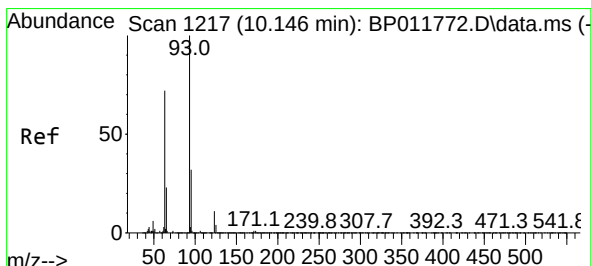
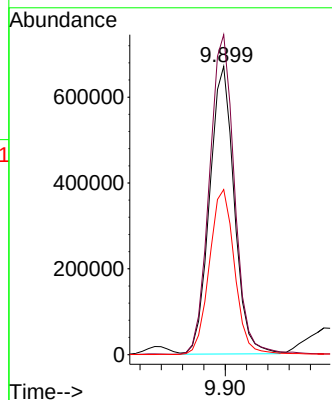
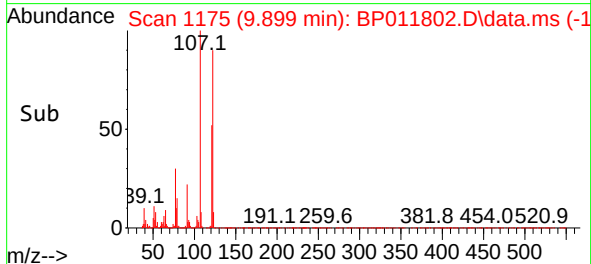
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



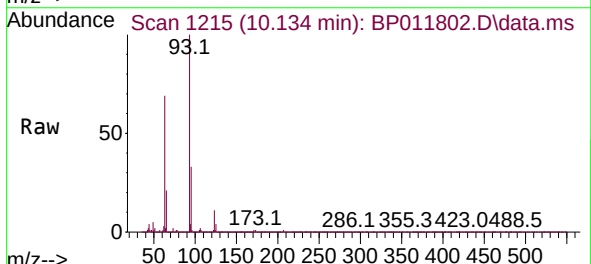
Tgt Ion:122 Resp: 1077273
Ion Ratio Lower Upper
122 100
107 111.0 91.2 136.8
121 57.2 46.8 70.2

Manual Integrations
APPROVED

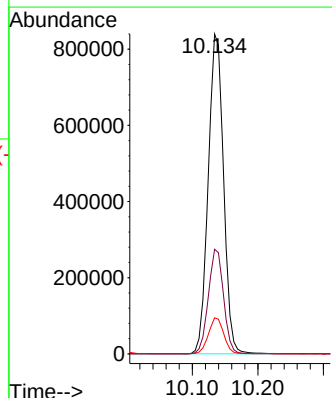
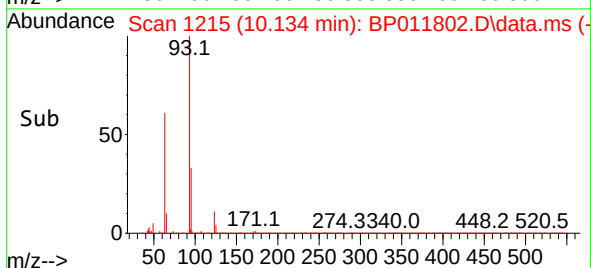
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

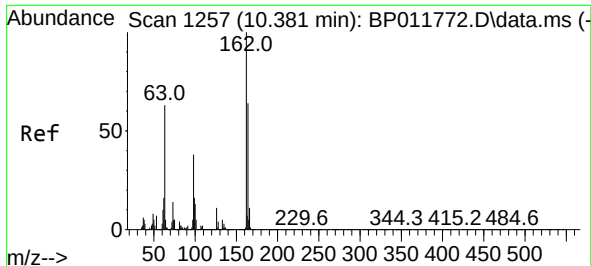


#28
bis(2-Chloroethoxy)methane
Concen: 57.544 ng
RT: 10.134 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



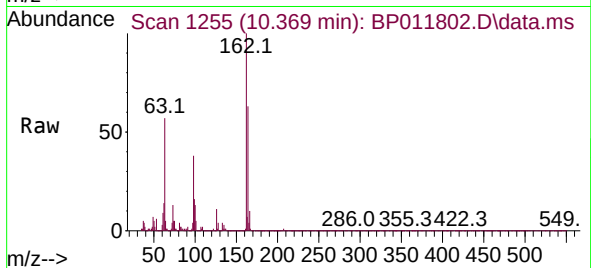
Tgt Ion: 93 Resp: 1362246
Ion Ratio Lower Upper
93 100
95 32.7 25.6 38.4
123 11.3 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 64.812 ng
RT: 10.369 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

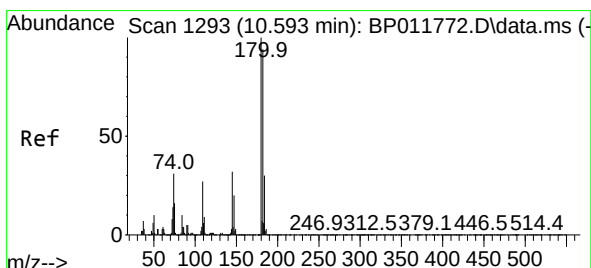
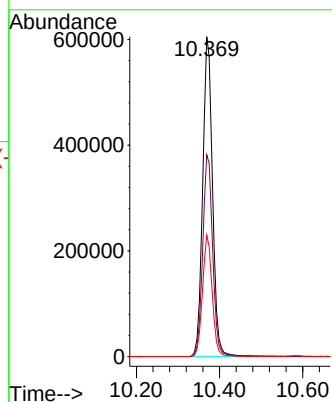
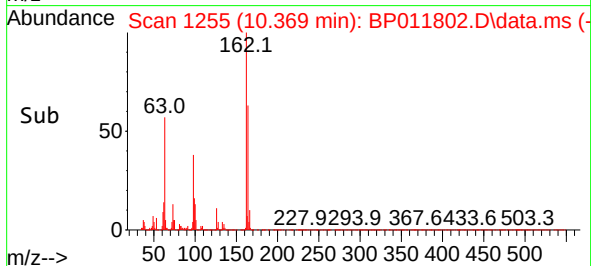
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:162 Resp: 994890
Ion Ratio Lower Upper
162 100
164 63.1 44.3 84.3
98 37.9 18.1 58.1

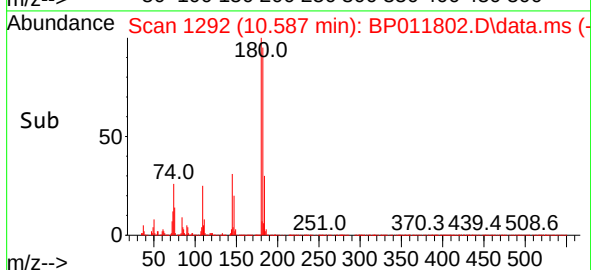
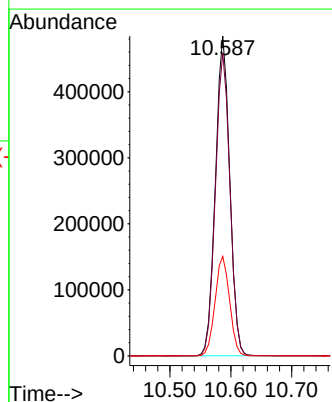
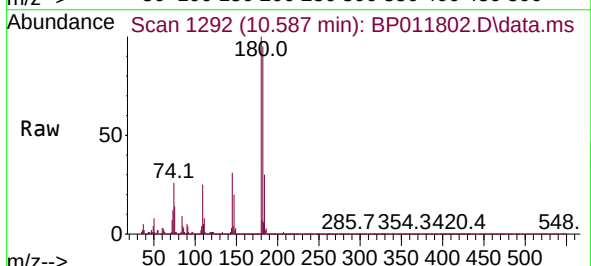
Manual Integrations
APPROVED

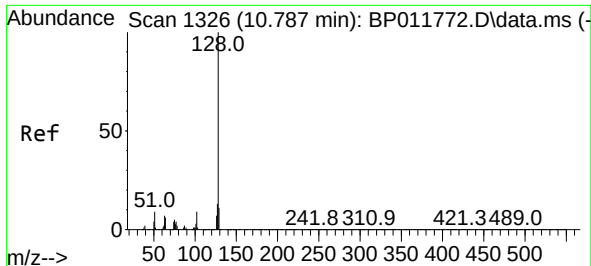
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.680 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

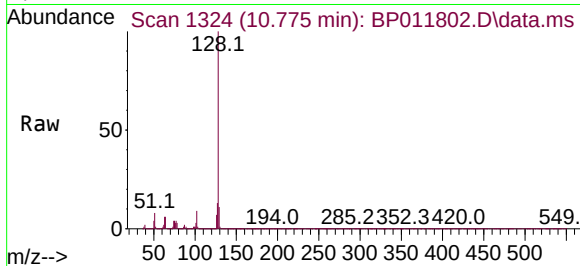
Tgt Ion:180 Resp: 794085
Ion Ratio Lower Upper
180 100
182 94.7 75.2 112.8
145 31.1 25.8 38.6





#31
Naphthalene
Concen: 48.375 ng
RT: 10.775 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

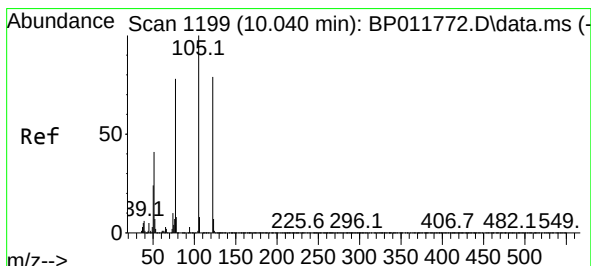
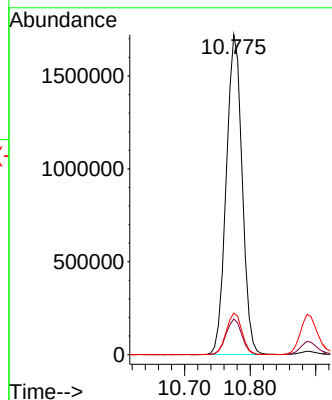
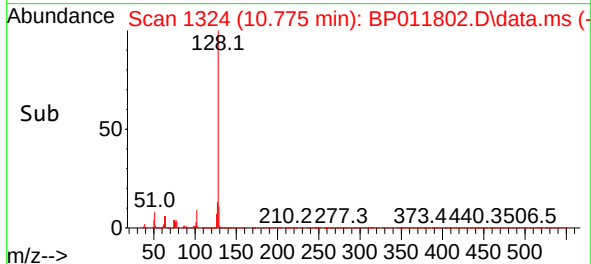
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:128 Resp: 2906560
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.5 15.7

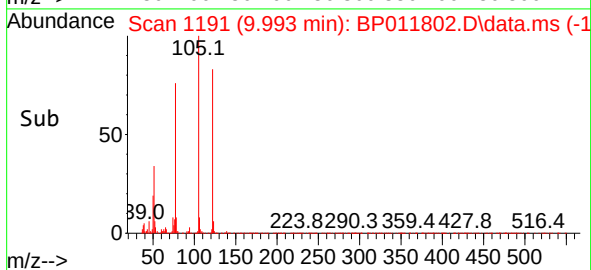
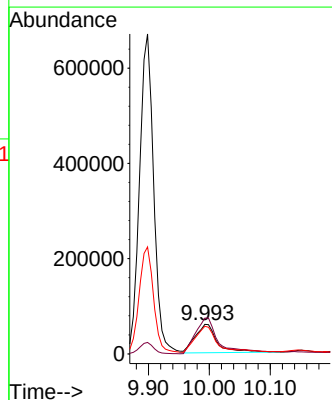
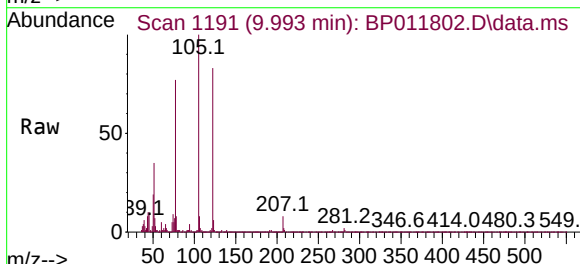
Manual Integrations
APPROVED

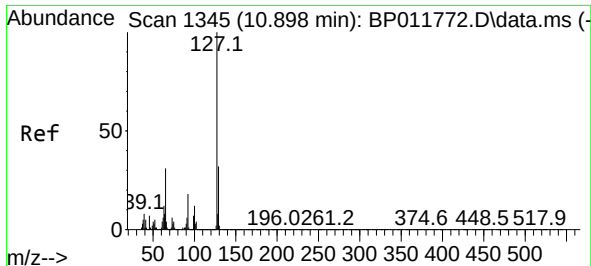
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#32
Benzoic acid
Concen: 17.265 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.047 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

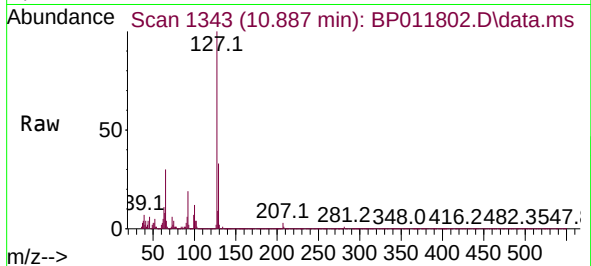
Tgt Ion:122 Resp: 150225
Ion Ratio Lower Upper
122 100
105 120.9 101.0 141.0
77 93.4 75.9 115.9





#33
4-Chloroaniline
Concen: 16.523 ng
RT: 10.887 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

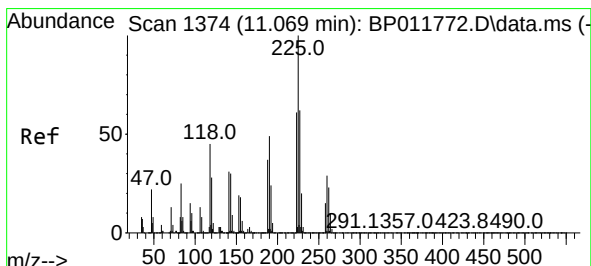
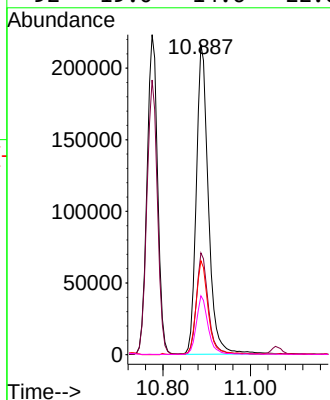
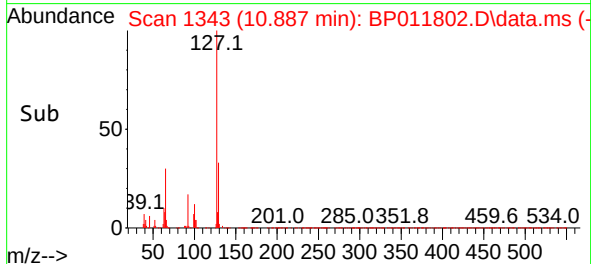
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:127 Resp: 41390
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8
65 30.3 25.1 37.7
92 19.0 14.6 22.0

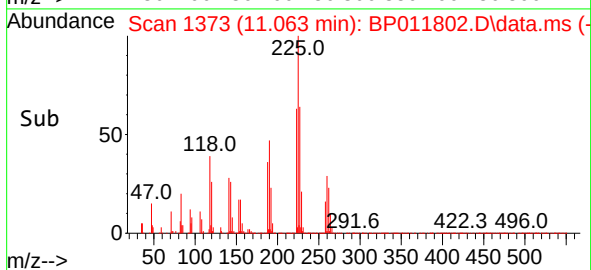
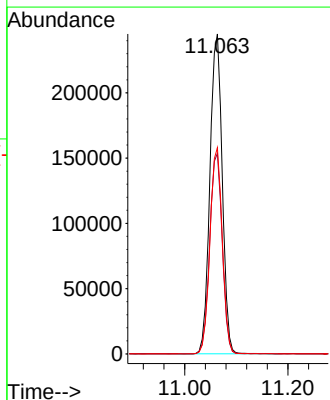
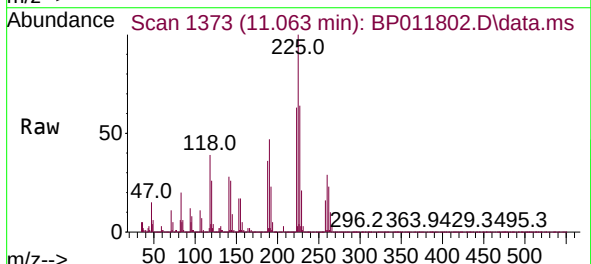
Manual Integrations
APPROVED

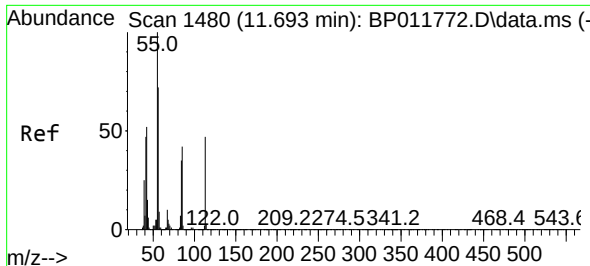
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 50.290 ng
RT: 11.063 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

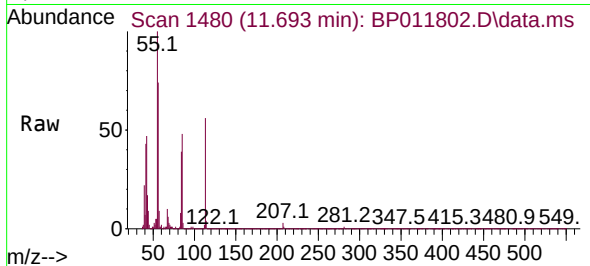
Tgt Ion:225 Resp: 405421
Ion Ratio Lower Upper
225 100
223 62.7 49.0 73.4
227 64.4 49.6 74.4





#35
Caprolactam
Concen: 56.515 ng m
RT: 11.693 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

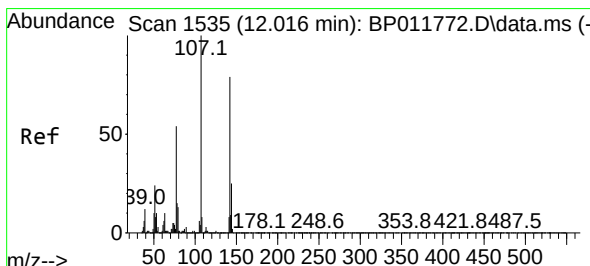
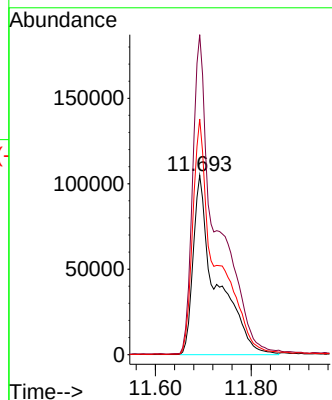
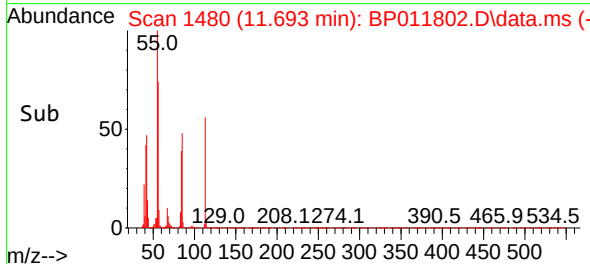
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



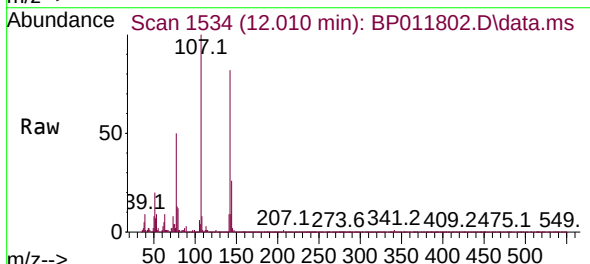
Tgt Ion:113 Resp: 352573
Ion Ratio Lower Upper
113 100
55 178.5 191.1 231.1
56 131.5 131.1 171.1

Manual Integrations
APPROVED

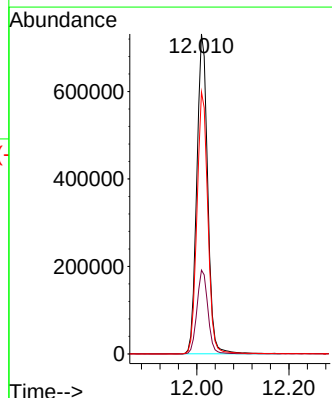
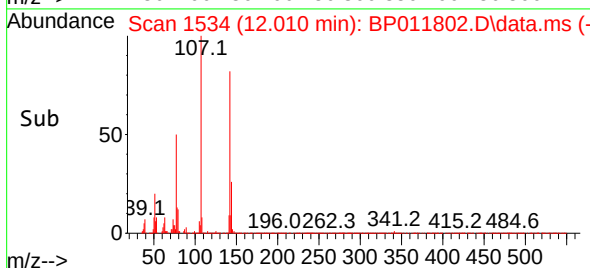
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

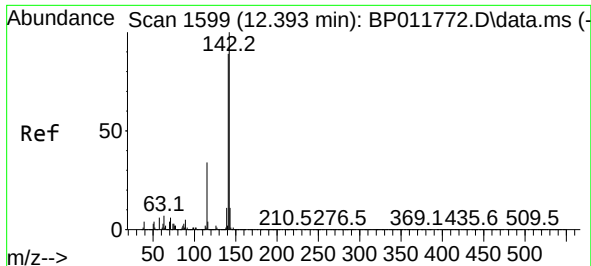


#36
4-Chloro-3-methylphenol
Concen: 64.250 ng
RT: 12.010 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



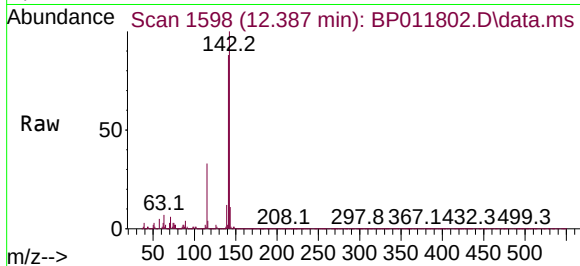
Tgt Ion:107 Resp: 1196998
Ion Ratio Lower Upper
107 100
144 26.2 20.2 30.2
142 81.8 63.5 95.3





#37
2-Methylnaphthalene
Concen: 51.422 ng
RT: 12.387 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

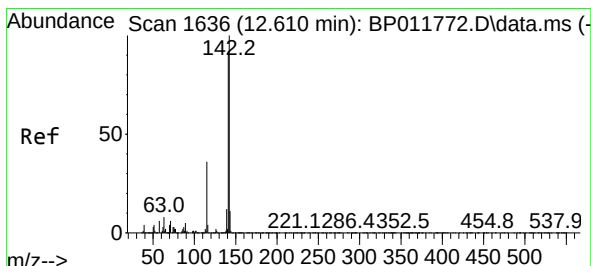
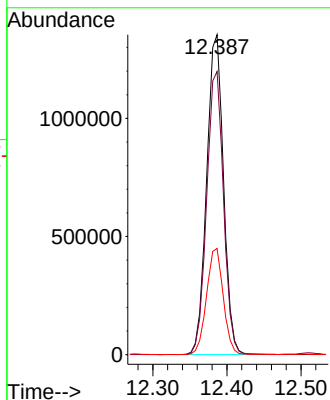
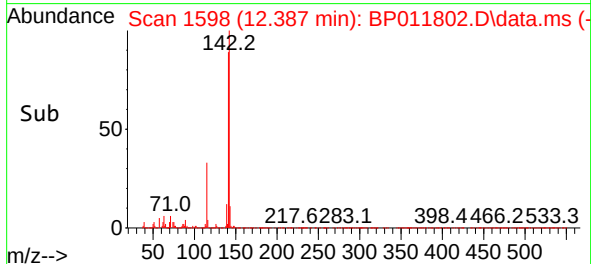
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



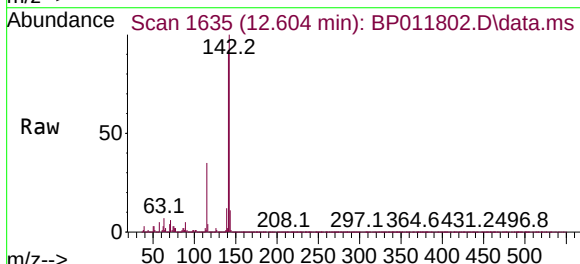
Tgt Ion:142 Resp: 213366
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7
115 33.2 27.4 41.0

Manual Integrations
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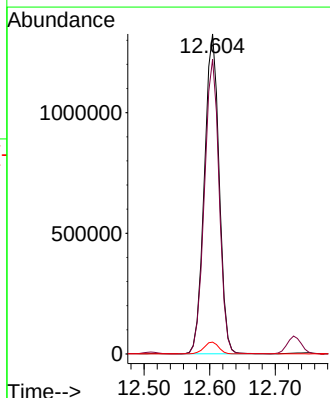
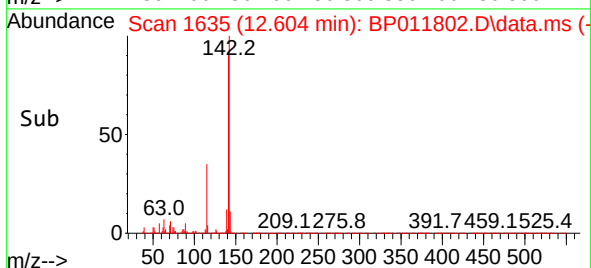
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

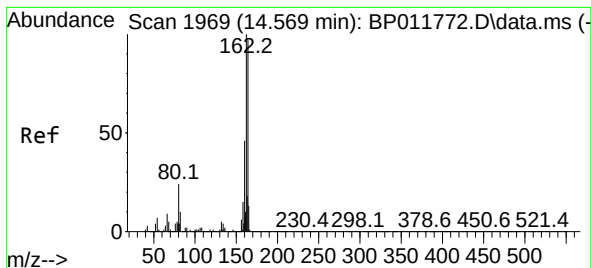


#38
1-Methylnaphthalene
Concen: 50.655 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



Tgt Ion:142 Resp: 2069796
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.012 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

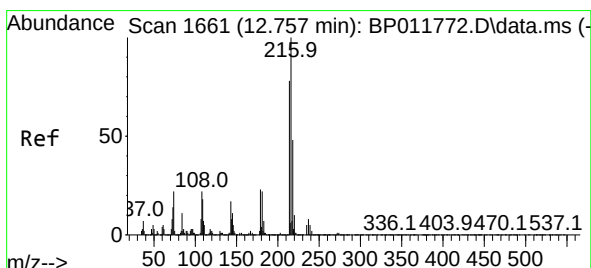
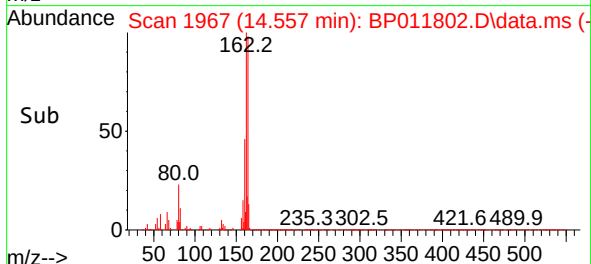
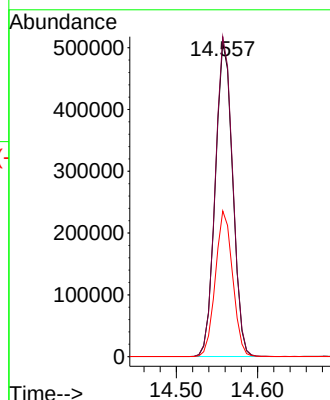
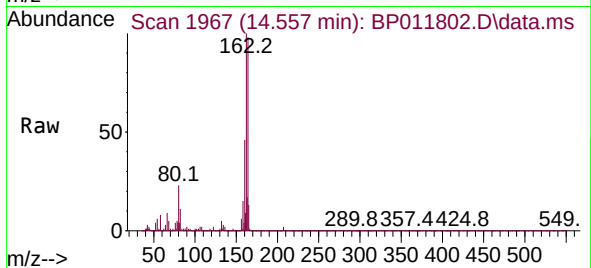
Tgt Ion:164	Resp: 75745
Ion Ratio	Lower Upper
164	100
162	101.7 82.5 123.7
160	46.3 37.8 56.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.988 ng

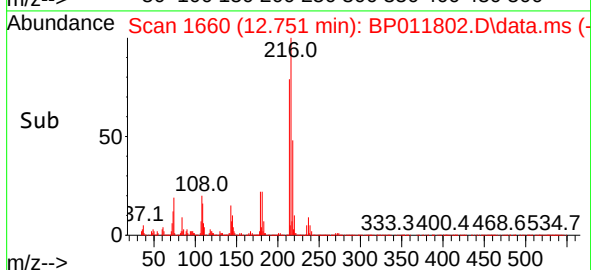
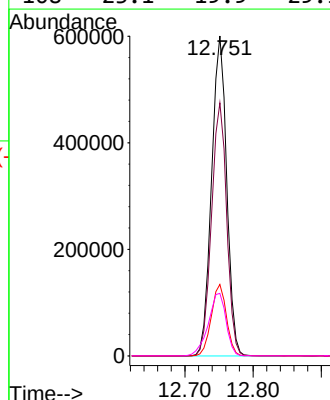
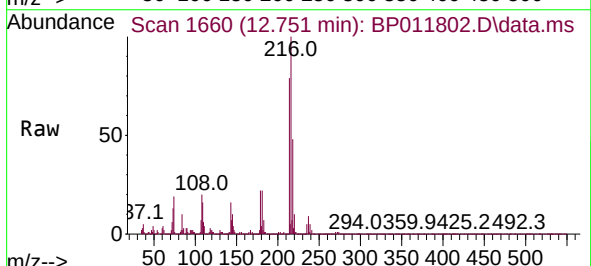
RT: 12.751 min Scan# 1660

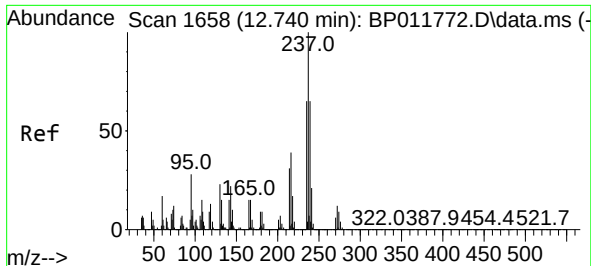
Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

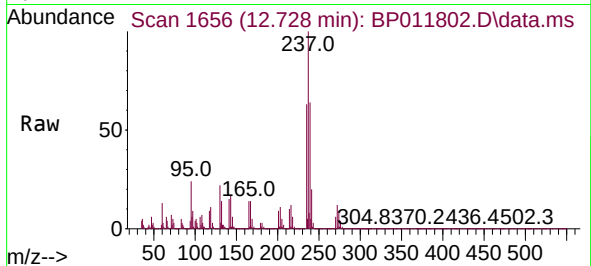
Tgt Ion:216	Resp: 921602
Ion Ratio	Lower Upper
216	100
214	79.5 63.3 94.9
179	22.4 18.5 27.7
108	23.1 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 87.818 ng
RT: 12.728 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

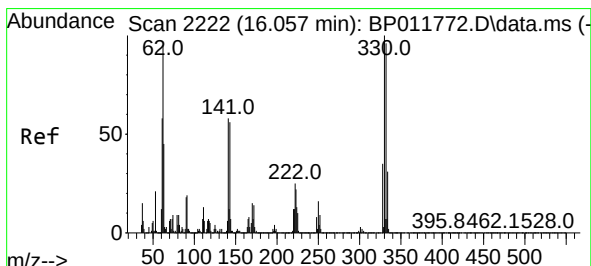
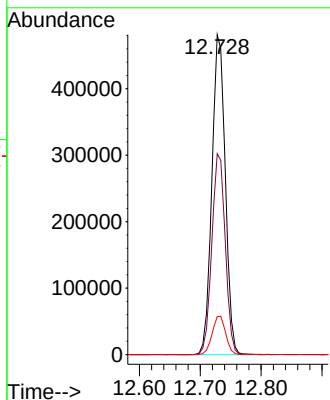
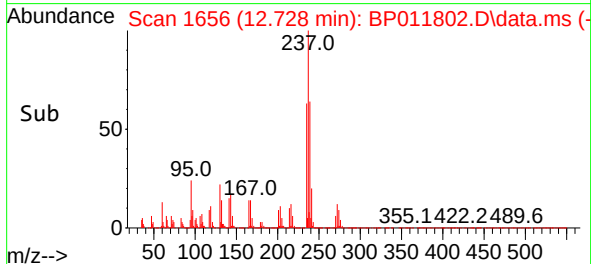
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion: 237 Resp: 735199
Ion Ratio Lower Upper
237 100
235 62.8 45.5 85.5
272 11.9 0.0 31.6

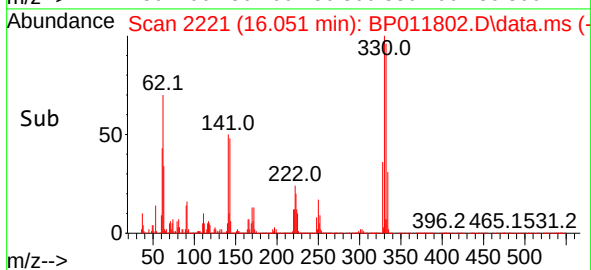
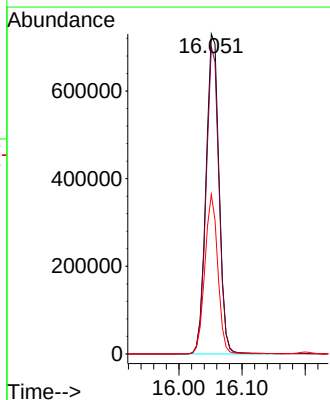
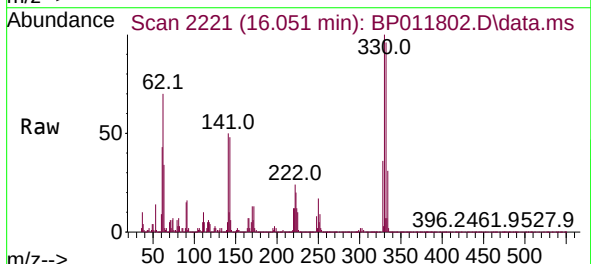
Manual Integrations
APPROVED

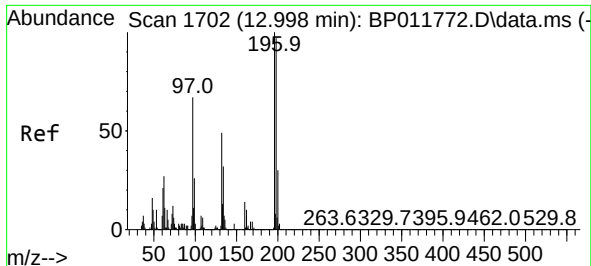
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022



#42
2,4,6-Tribromophenol
Concen: 205.021 ng
RT: 16.051 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion: 330 Resp: 1045664
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 49.2 48.7 73.1





#43

2,4,6-Trichlorophenol

Concen: 61.491 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

Tgt Ion:196 Resp: 759823

Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.6

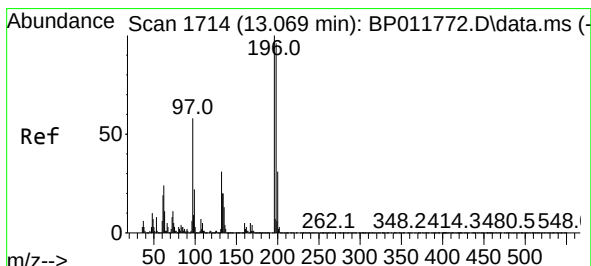
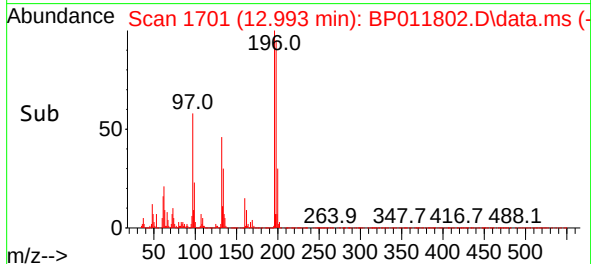
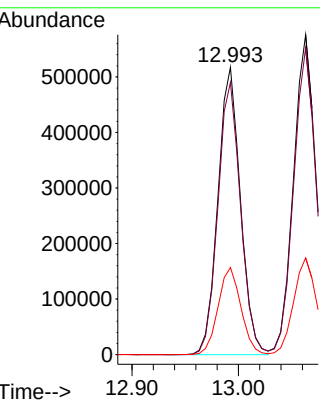
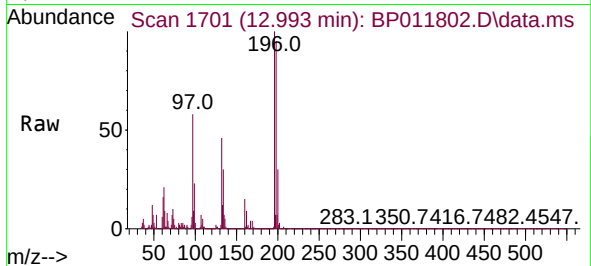
200 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#44

2,4,5-Trichlorophenol

Concen: 61.147 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Tgt Ion:196 Resp: 868454

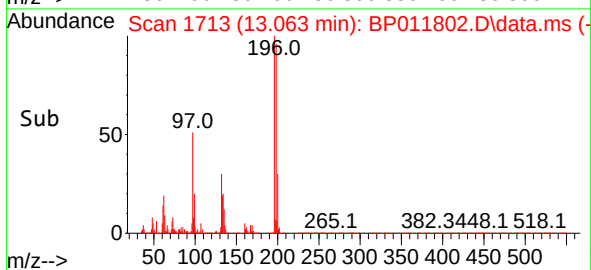
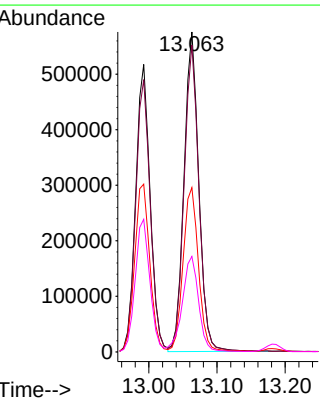
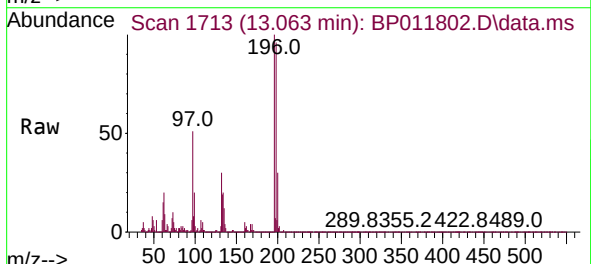
Ion Ratio Lower Upper

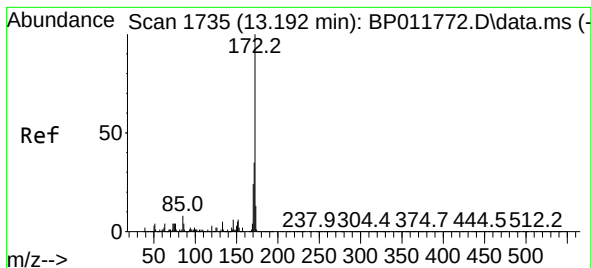
196 100

198 95.9 77.0 115.6

97 51.3 46.2 69.4

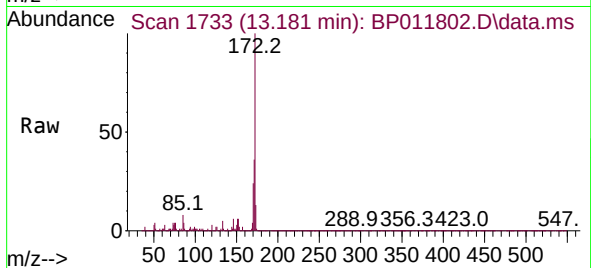
132 29.8 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 92.791 ng
RT: 13.181 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

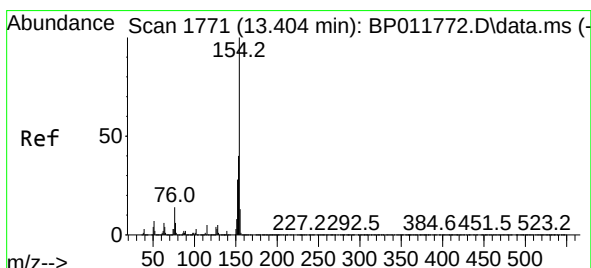
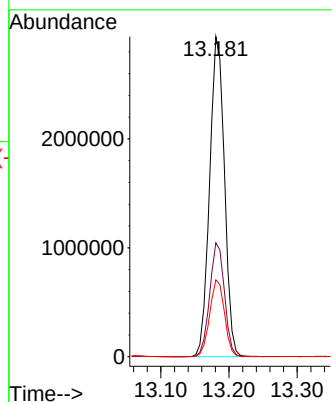
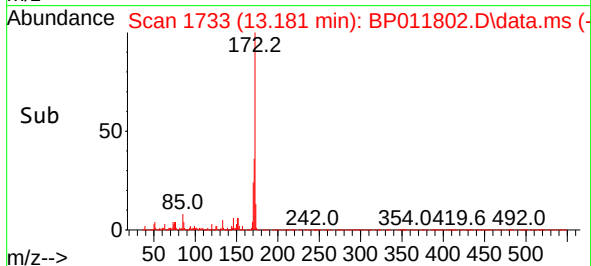
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



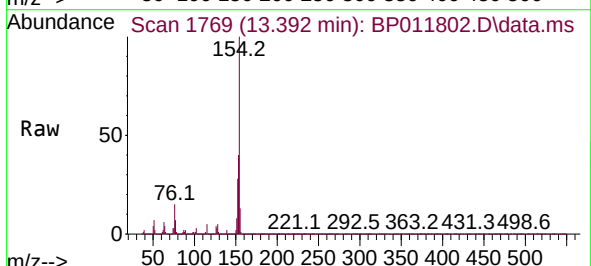
Tgt Ion:172 Resp: 4444490
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 19.5 29.3

Manual Integrations
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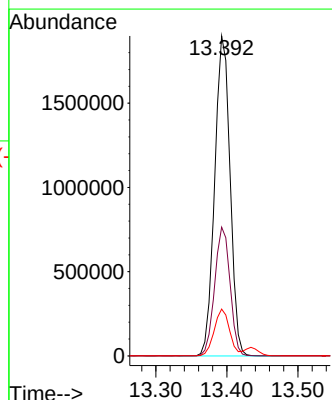
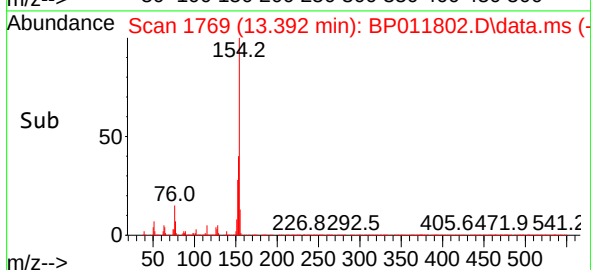
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

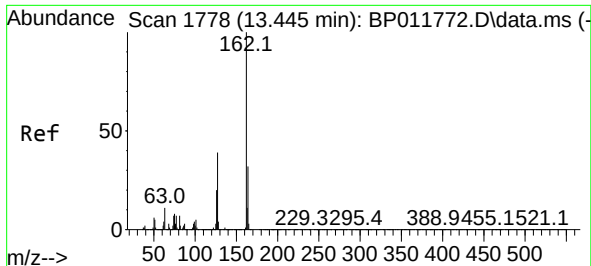


#46
1,1'-Biphenyl
Concen: 52.029 ng
RT: 13.392 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



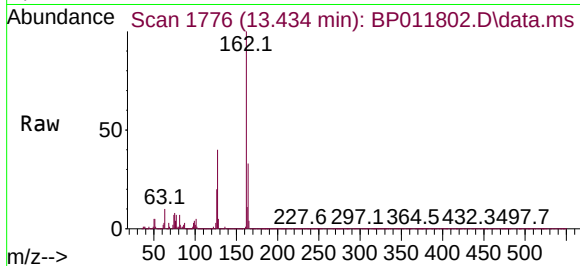
Tgt Ion:154 Resp: 2863334
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 14.6 0.0 34.2





#47
2-Chloronaphthalene
Concen: 50.493 ng
RT: 13.434 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

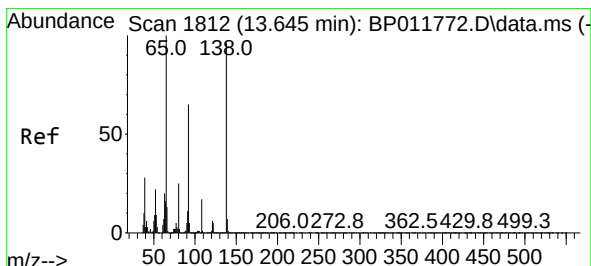
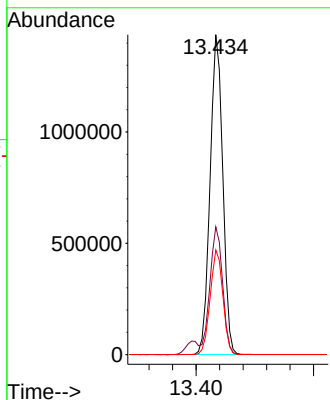
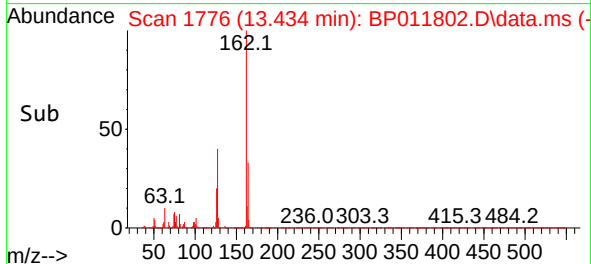
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



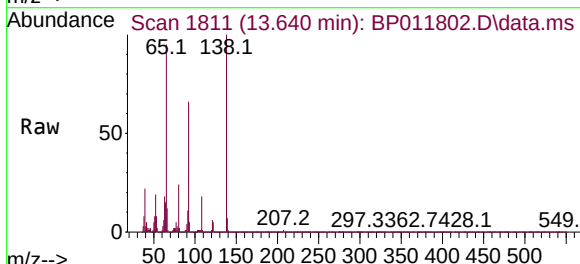
Tgt Ion:162 Resp: 2155360
Ion Ratio Lower Upper
162 100
127 39.9 31.5 47.3
164 32.7 25.9 38.9

Manual Integrations
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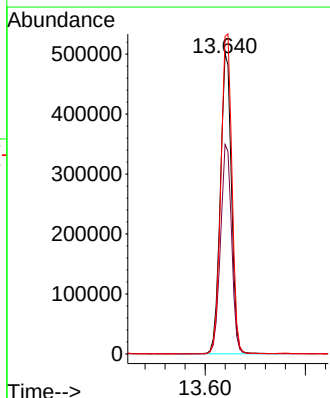
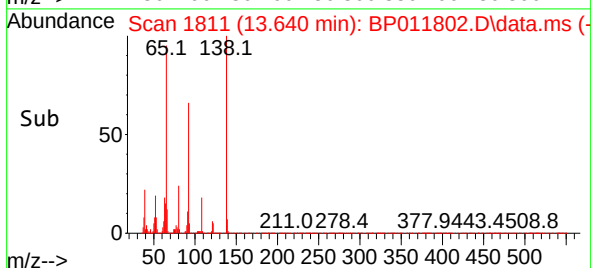
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

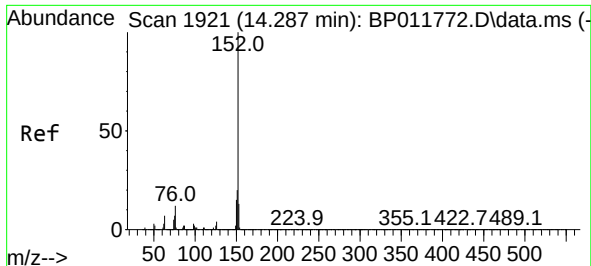


#48
2-Nitroaniline
Concen: 50.718 ng
RT: 13.640 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



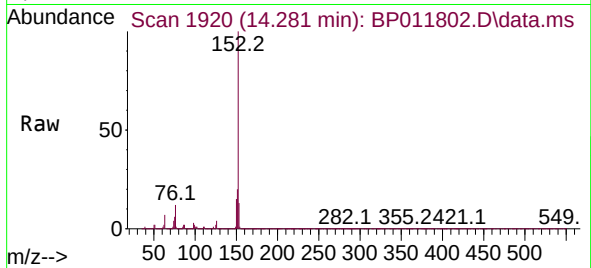
Tgt Ion: 65 Resp: 771894
Ion Ratio Lower Upper
65 100
92 69.7 52.3 78.5
138 105.7 76.5 114.7





#49
Acenaphthylene
Concen: 51.321 ng
RT: 14.281 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

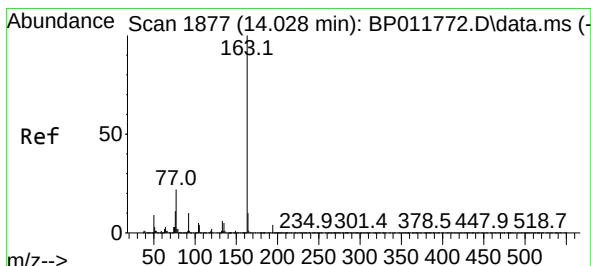
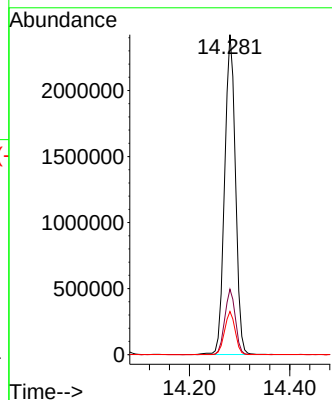
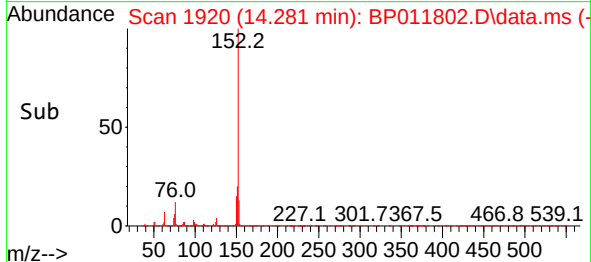
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



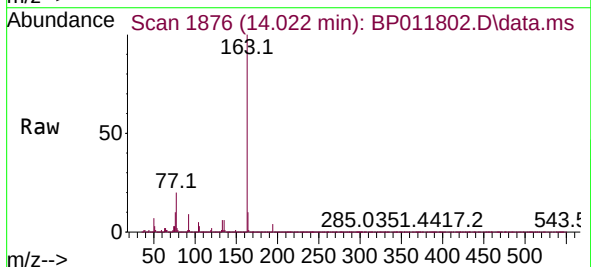
Tgt Ion:152 Resp: 363634
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.6 16.0

Manual Integrations
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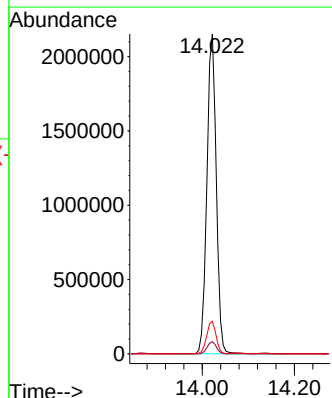
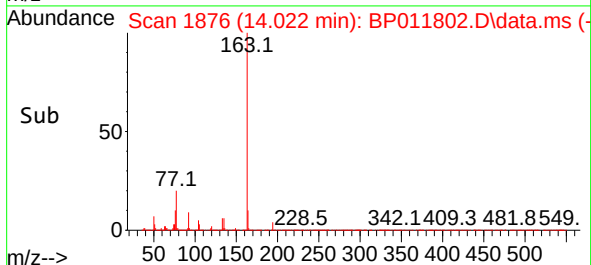
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

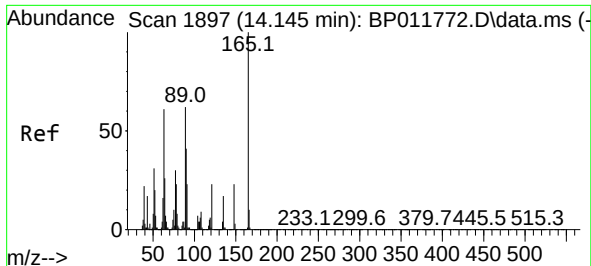


#50
Dimethylphthalate
Concen: 54.382 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



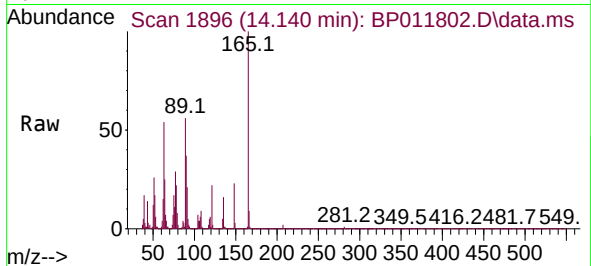
Tgt Ion:163 Resp: 3020212
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 57.179 ng
RT: 14.140 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

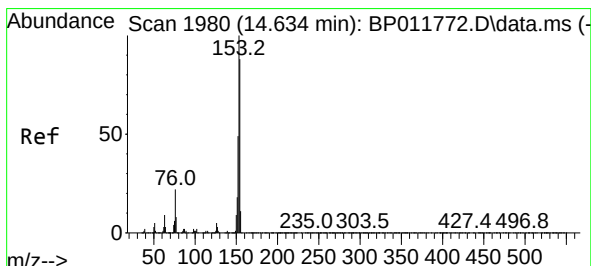
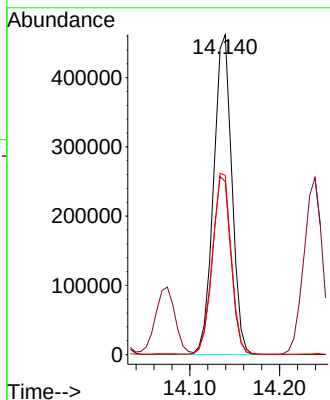
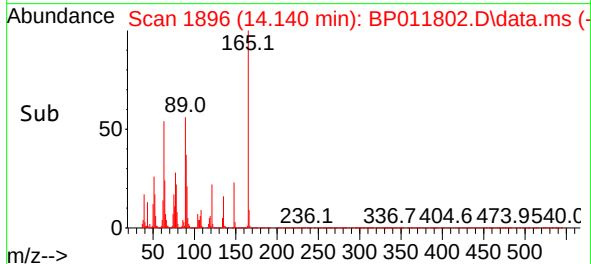
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



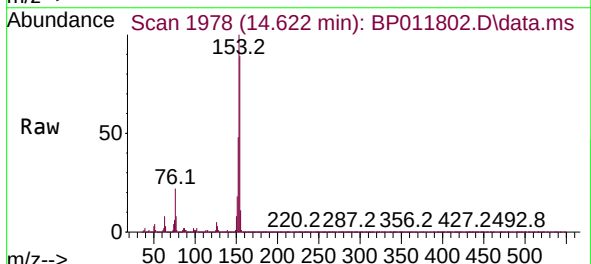
Tgt Ion:165 Resp: 655638
Ion Ratio Lower Upper
165 100
63 54.1 51.0 76.4
89 56.0 49.3 73.9

Manual Integrations
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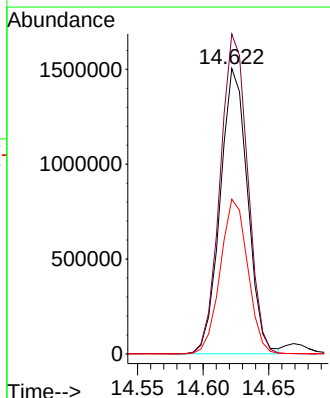
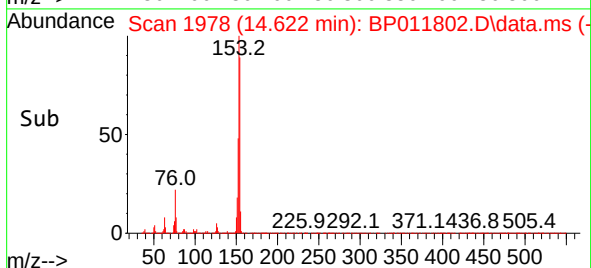
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

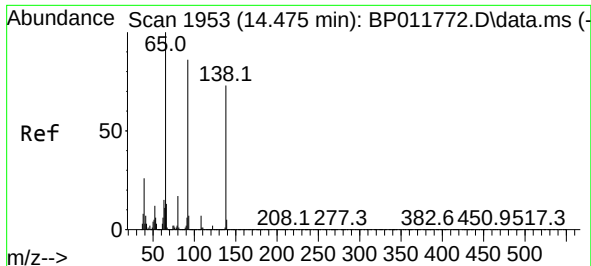


#52
Acenaphthene
Concen: 50.340 ng
RT: 14.622 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12



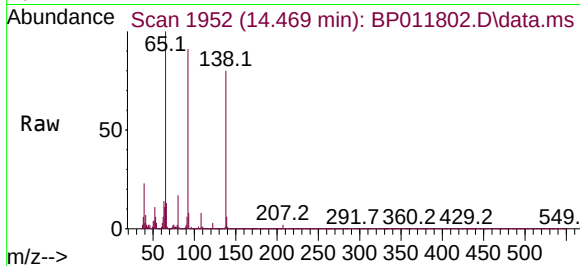
Tgt Ion:154 Resp: 2187506
Ion Ratio Lower Upper
154 100
153 112.1 90.8 136.2
152 54.2 44.6 66.8





#53
3-Nitroaniline
Concen: 36.749 ng
RT: 14.469 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

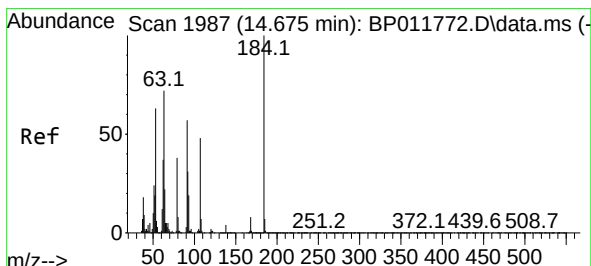
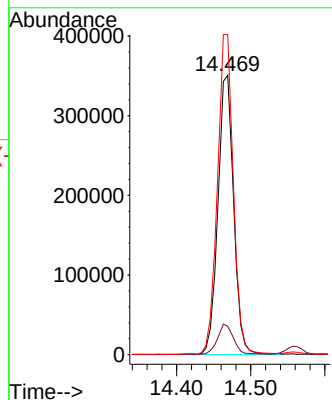
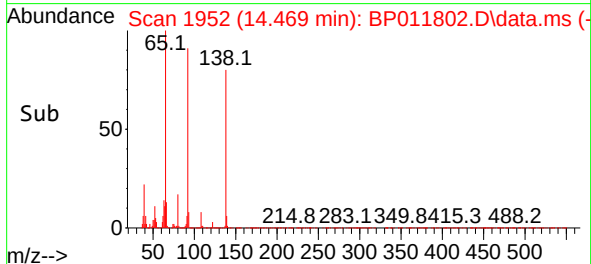
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:138 Resp: 516095
Ion Ratio Lower Upper
138 100
108 10.2 7.6 11.4
92 114.6 94.6 142.0

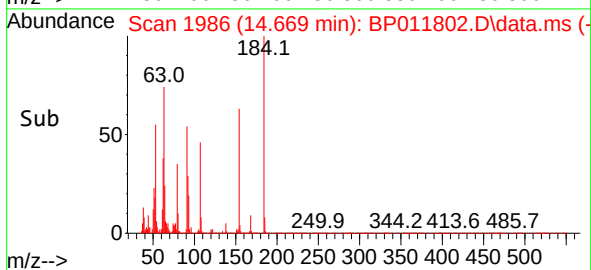
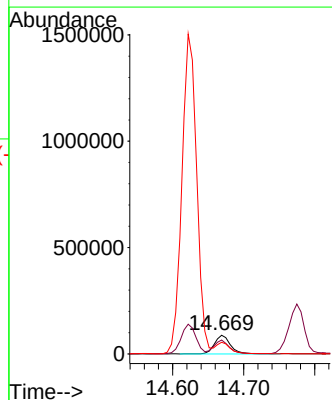
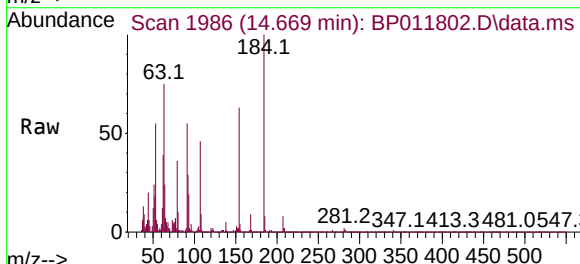
Manual Integrations
APPROVED

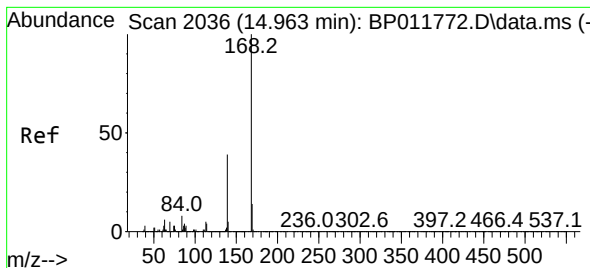
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#54
2,4-Dinitrophenol
Concen: 27.306 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

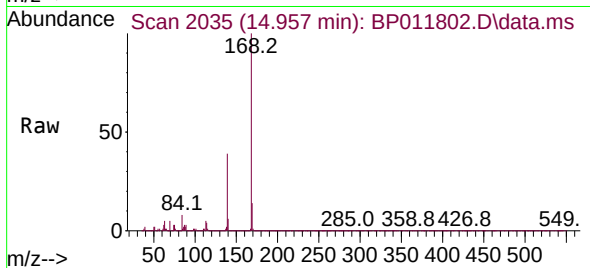
Tgt Ion:184 Resp: 136074
Ion Ratio Lower Upper
184 100
63 74.7 65.7 98.5
154 62.7 48.2 72.4





#55
Dibenzofuran
Concen: 51.624 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

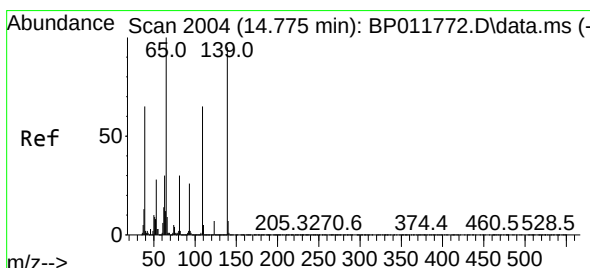
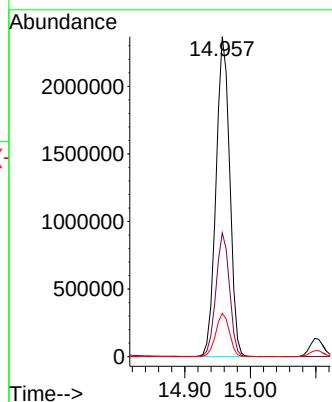
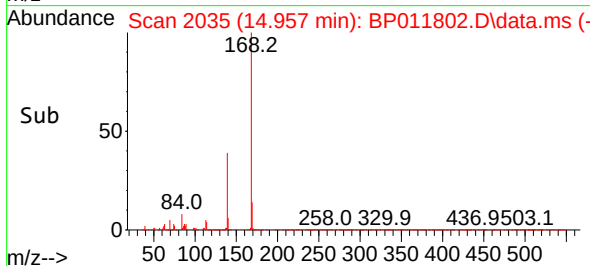
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:168 Resp: 343836
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.5 11.0 16.4

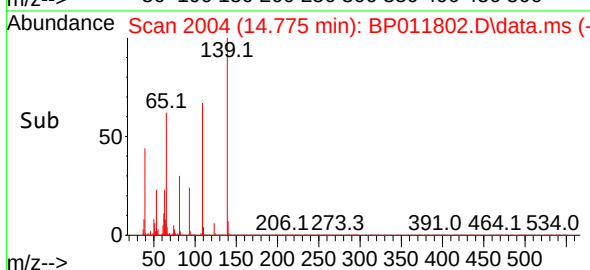
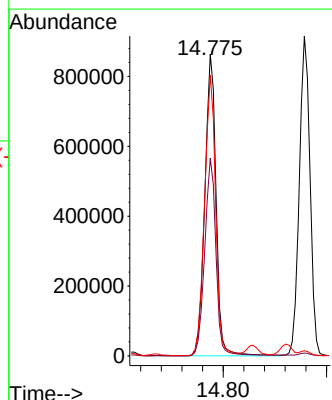
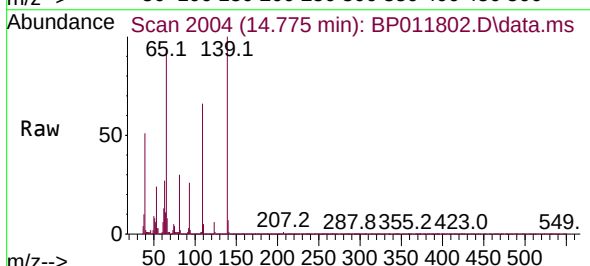
Manual Integrations
APPROVED

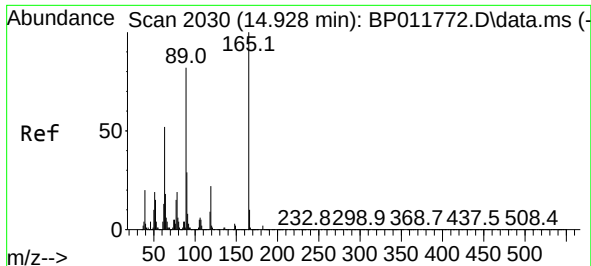
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#56
4-Nitrophenol
Concen: 111.494 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

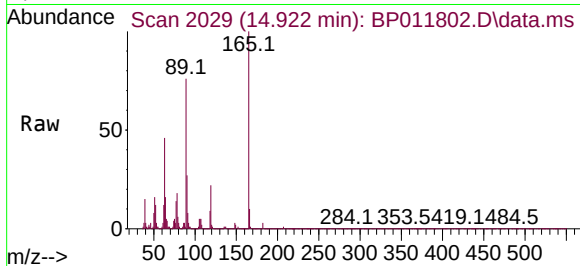
Tgt Ion:139 Resp: 1300313
Ion Ratio Lower Upper
139 100
109 65.5 48.3 88.3
65 92.9 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 53.341 ng
RT: 14.922 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

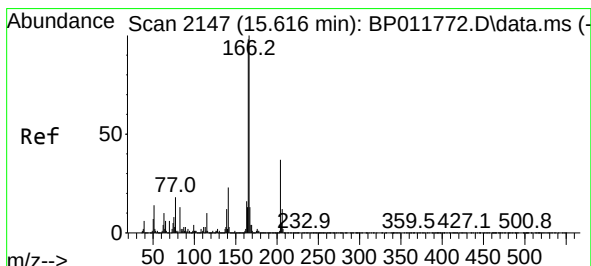
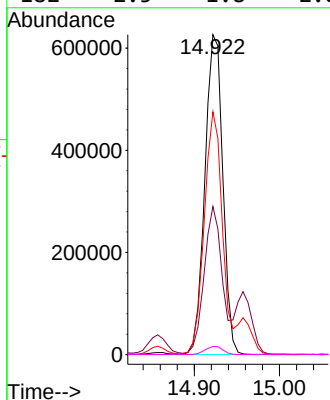
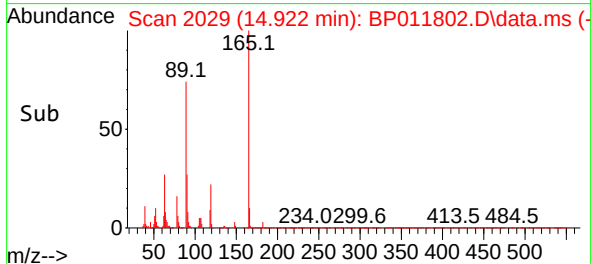
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:165 Resp: 913572
Ion Ratio Lower Upper
165 100
63 46.3 41.4 62.2
89 75.9 66.0 99.0
182 2.5 1.8 2.8

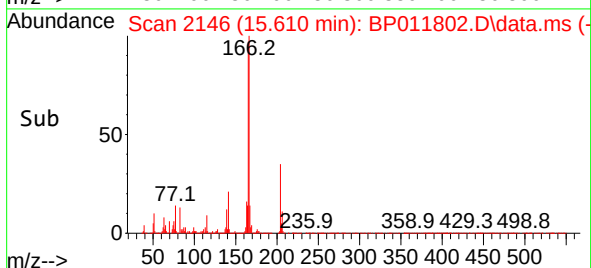
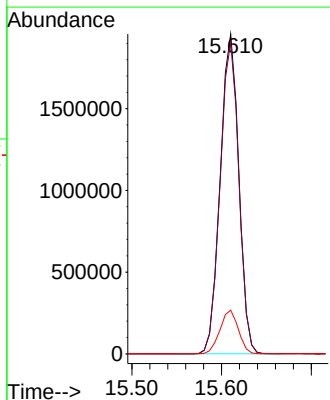
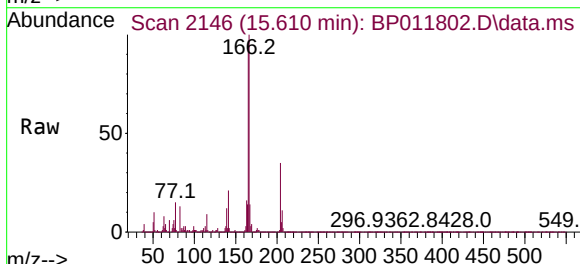
Manual Integrations
APPROVED

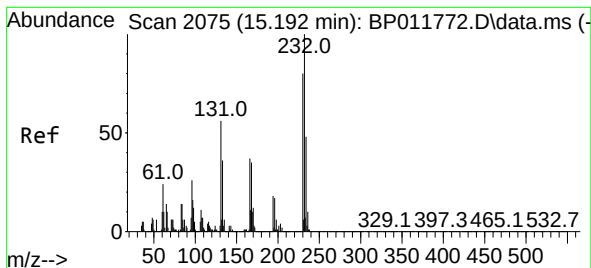
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#58
Fluorene
Concen: 50.030 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

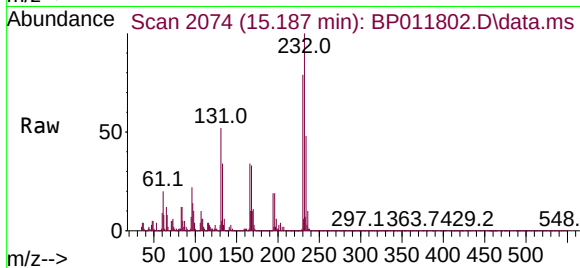
Tgt Ion:166 Resp: 2826984
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.565 ng m
RT: 15.187 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

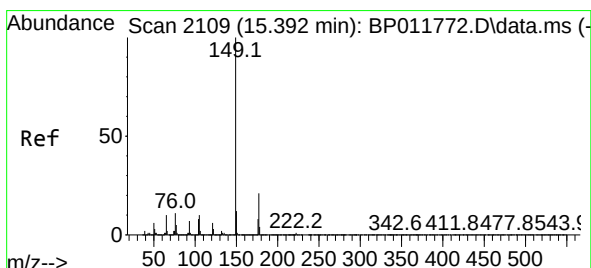
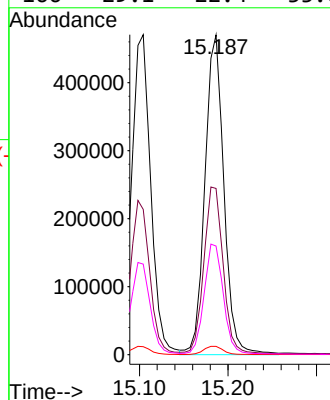
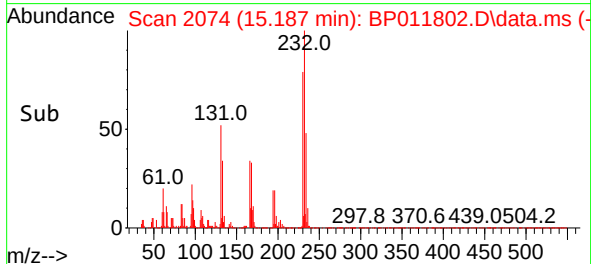
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:232 Resp: 702319
Ion Ratio Lower Upper
232 100
131 48.2 39.5 59.3
130 2.7 2.3 3.5
166 29.1 22.4 33.6

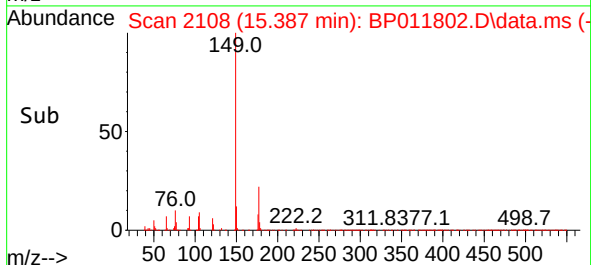
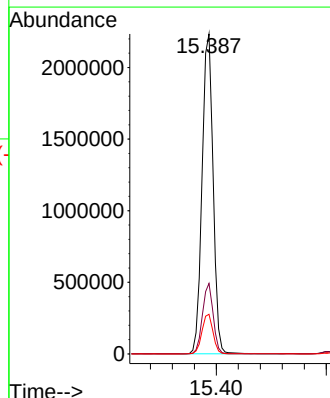
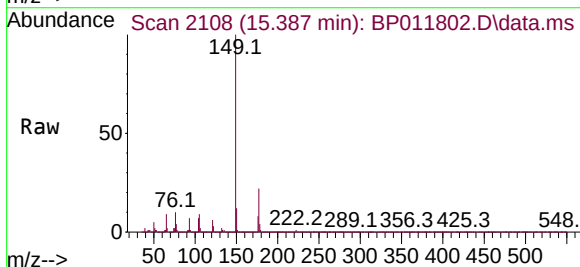
Manual Integrations
APPROVED

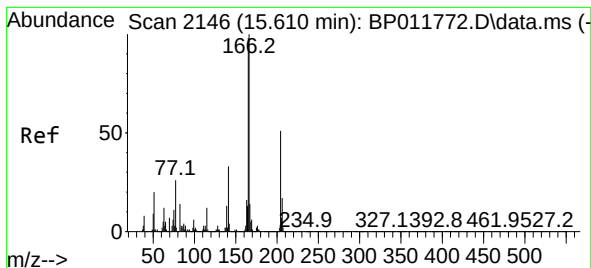
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#60
Diethylphthalate
Concen: 53.562 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

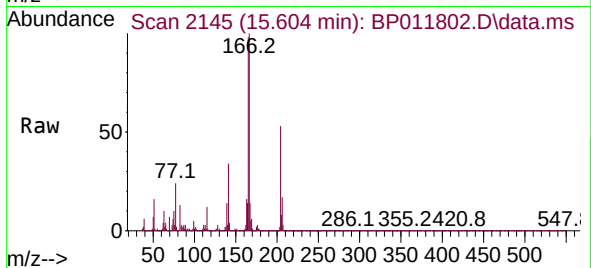
Tgt Ion:149 Resp: 3105987
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 54.441 ng
RT: 15.604 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

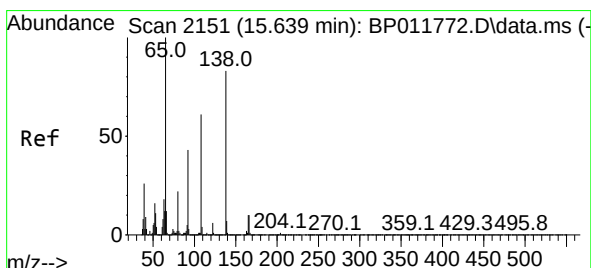
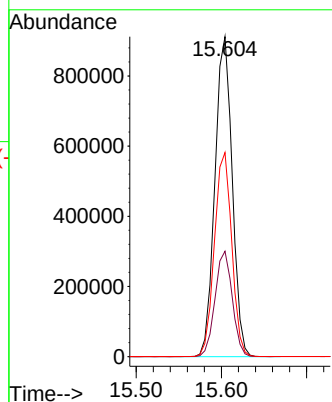
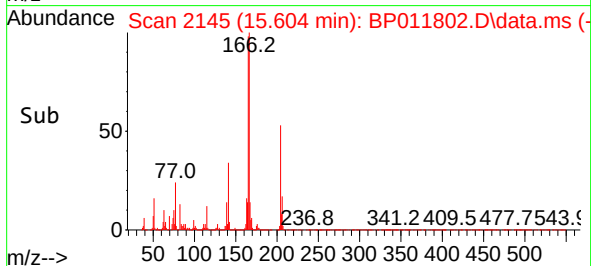
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion: 204 Resp: 1286168
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 63.8 51.4 77.2

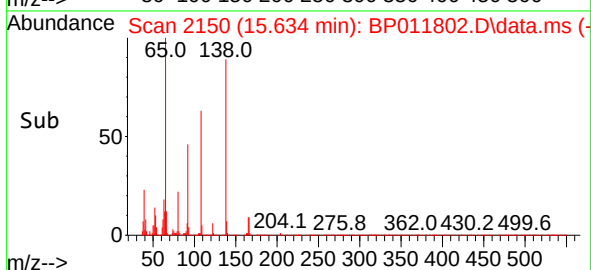
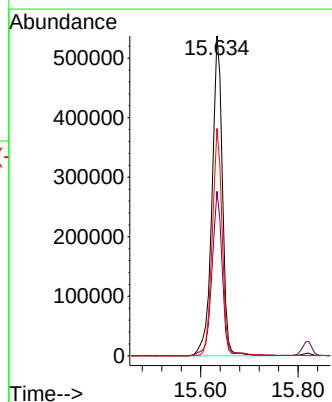
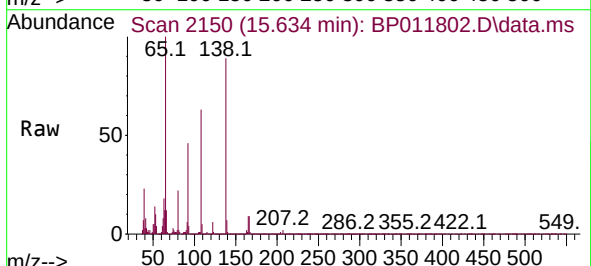
Manual Integrations
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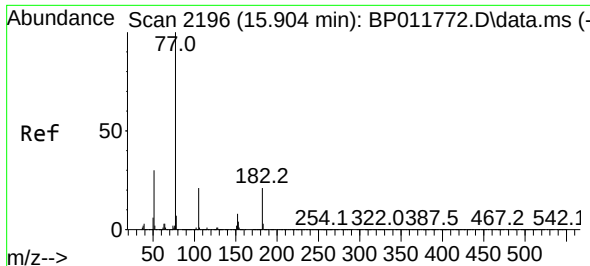
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022



#62
4-Nitroaniline
Concen: 48.846 ng
RT: 15.634 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

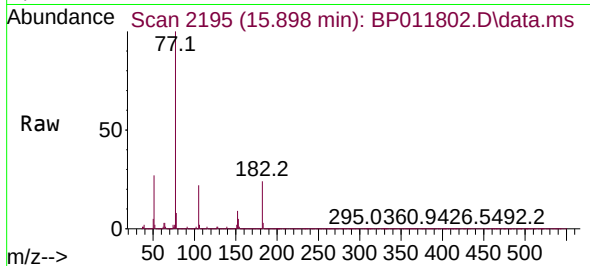
Tgt Ion: 138 Resp: 802784
Ion Ratio Lower Upper
138 100
92 51.4 31.9 71.9
108 71.1 53.3 93.3





#63
Azobenzene
Concen: 47.173 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

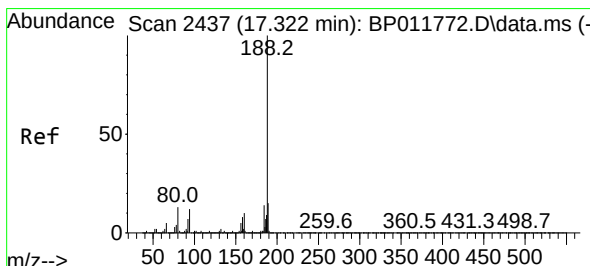
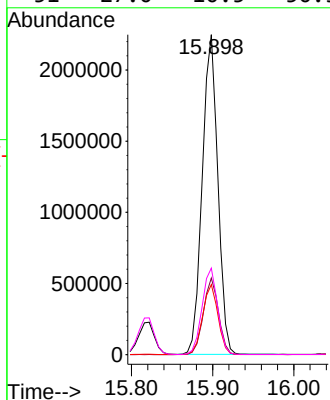
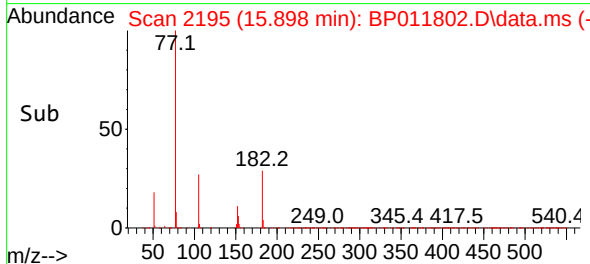
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion: 77 Resp: 2995330
Ion Ratio Lower Upper
77 100
182 23.9 1.3 41.3
105 21.9 0.5 40.5
51 27.0 10.5 50.5

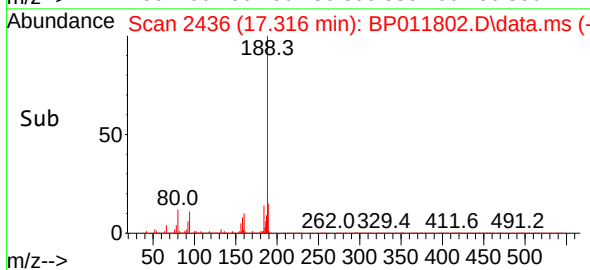
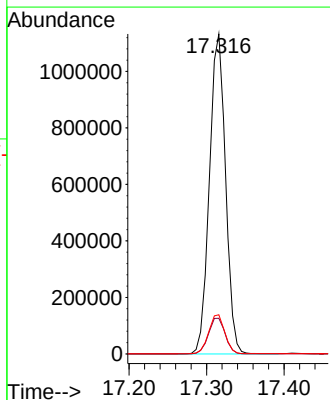
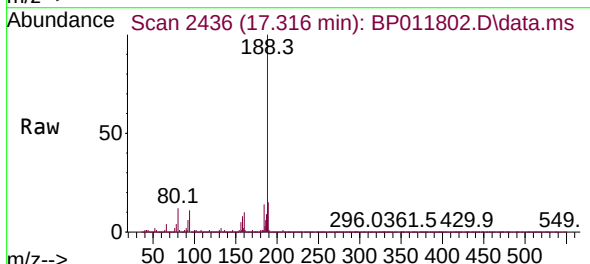
Manual Integrations
APPROVED

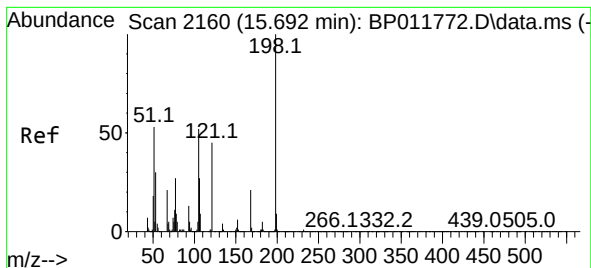
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:188 Resp: 1634947
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.0
80 12.2 10.6 15.8





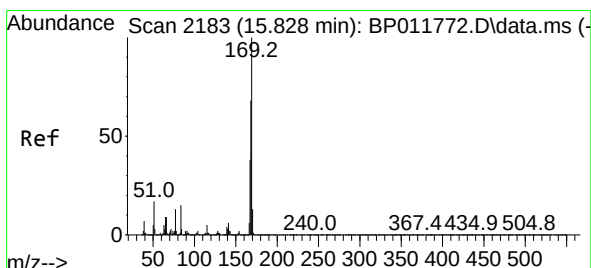
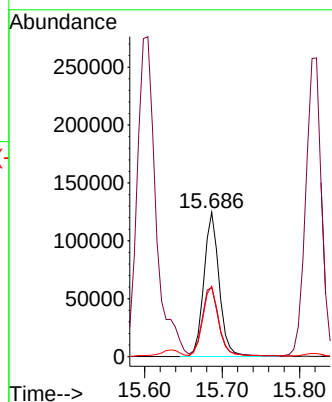
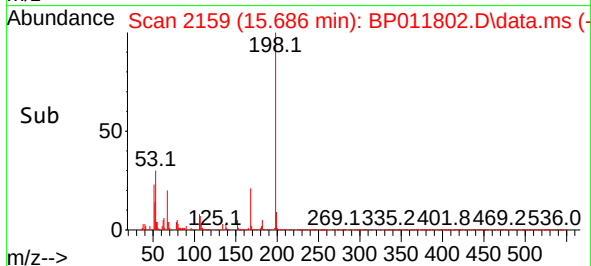
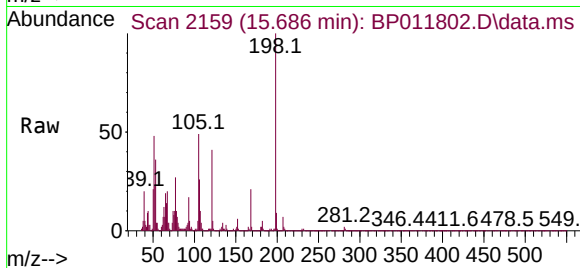
#65
4,6-Dinitro-2-methylphenol
Concen: 23.870 ng
RT: 15.686 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion:198 Resp: 171275
Ion Ratio Lower Upper
198 100
51 47.8 41.6 81.6
105 48.7 33.2 73.2

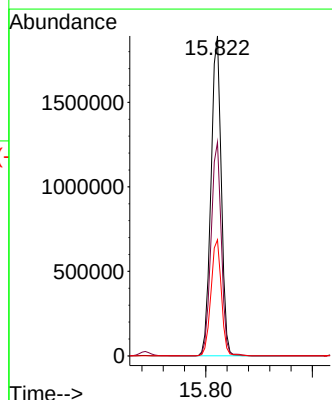
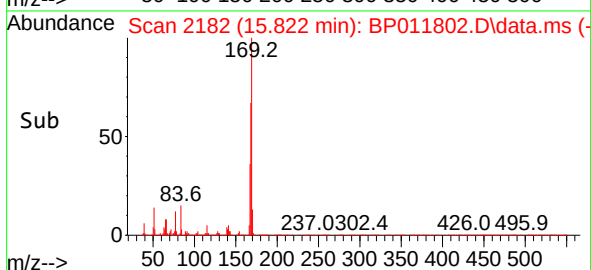
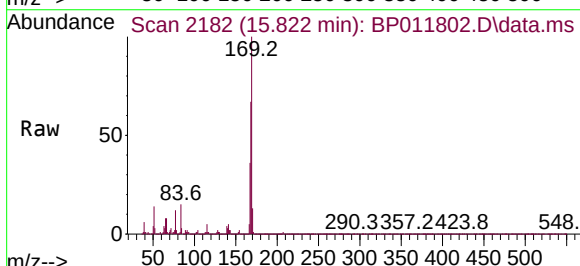
Manual Integrations
APPROVED

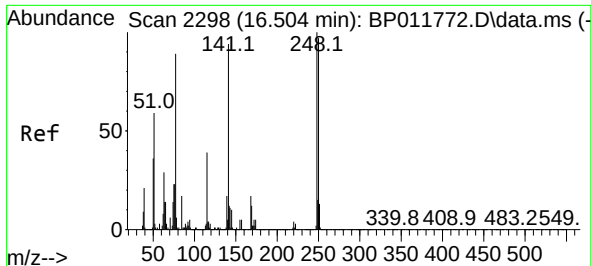
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 52.116 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

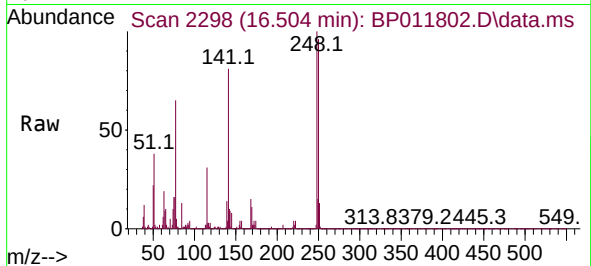
Tgt Ion:169 Resp: 2538863
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 36.3 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 56.956 ng
RT: 16.504 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

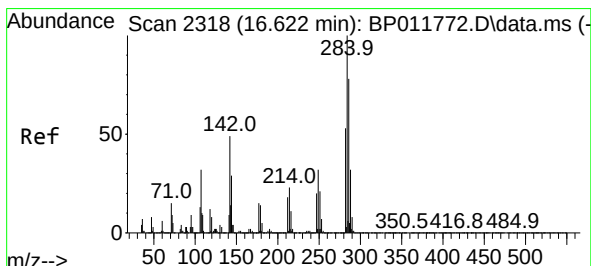
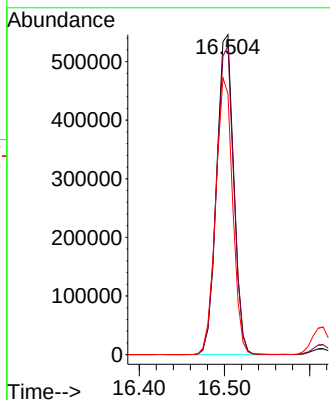
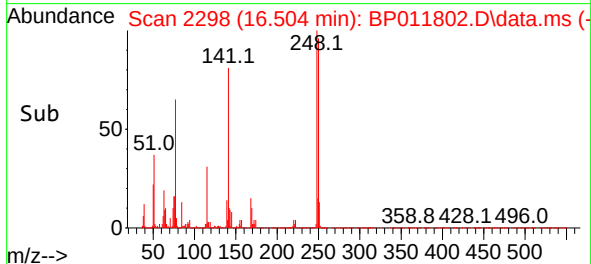
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:248 Resp: 763652
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 81.5 75.4 113.0

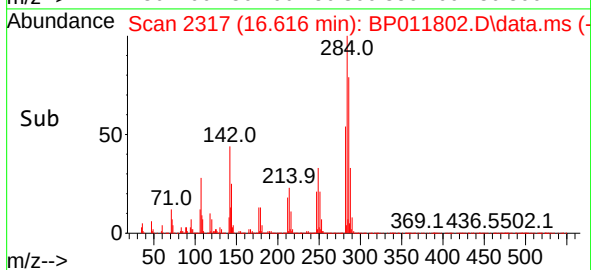
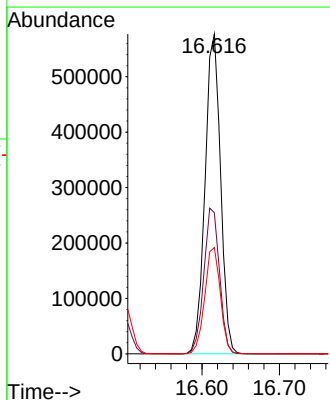
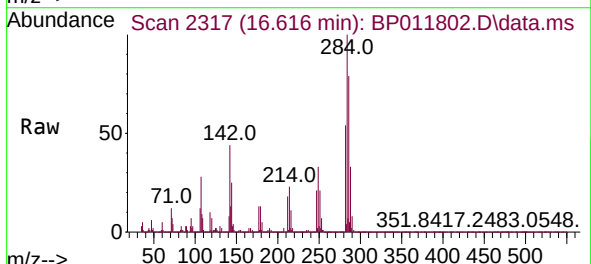
Manual Integrations
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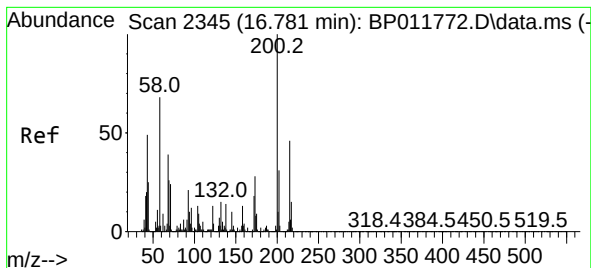
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#68
Hexachlorobenzene
Concen: 56.255 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:284 Resp: 801413
Ion Ratio Lower Upper
284 100
142 44.1 39.0 58.4
249 33.2 25.9 38.9





#69

Atrazine

Concen: 63.087 ng

RT: 16.775 min Scan# 2345

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

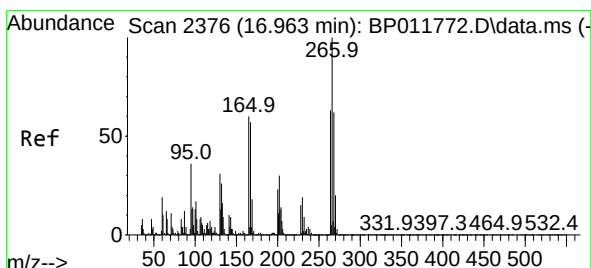
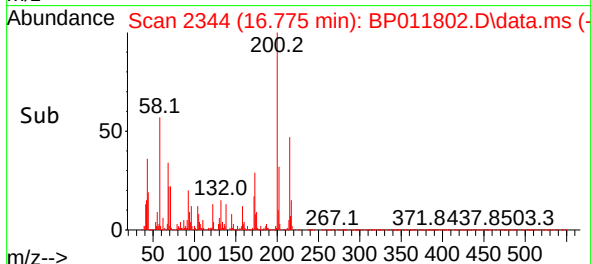
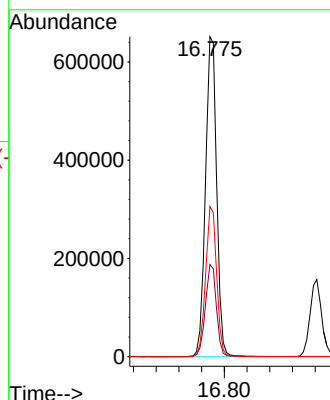
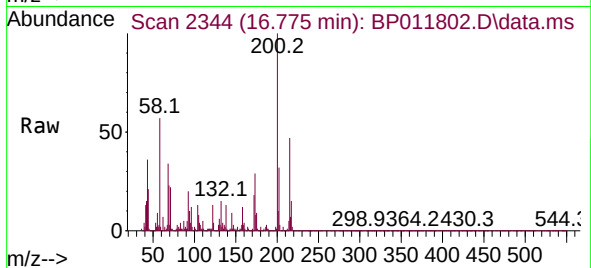
Tgt Ion:200 Resp: 889970
 Ion Ratio Lower Upper
 200 100
 173 28.8 8.5 48.5
 215 46.9 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#70

Pentachlorophenol

Concen: 101.503 ng

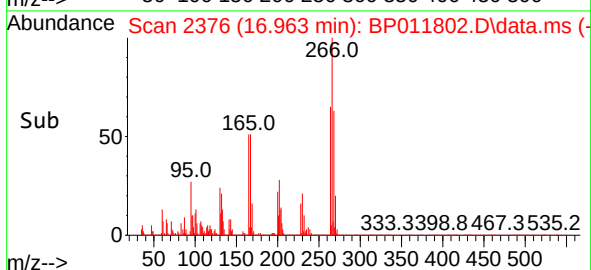
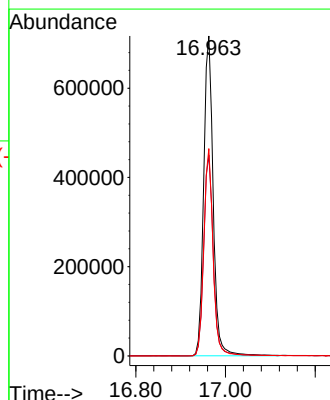
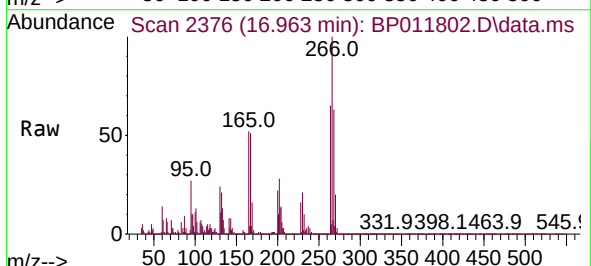
RT: 16.963 min Scan# 2376

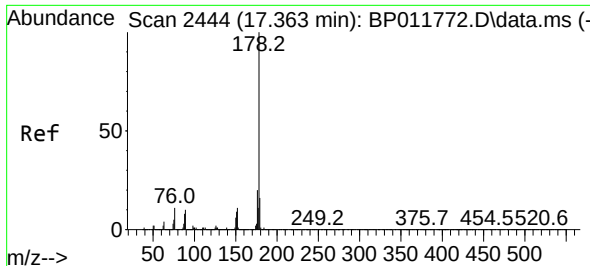
Delta R.T. -0.000 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

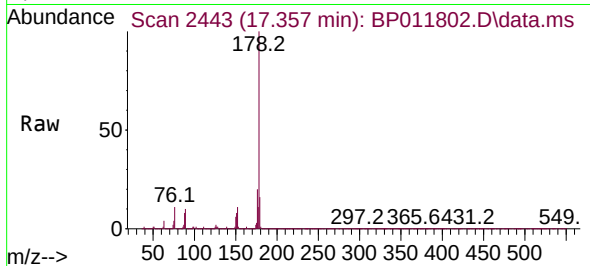
Tgt Ion:266 Resp: 1053099
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.7 74.5
 264 64.8 50.6 75.8





#71
Phenanthrene
Concen: 49.976 ng
RT: 17.357 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

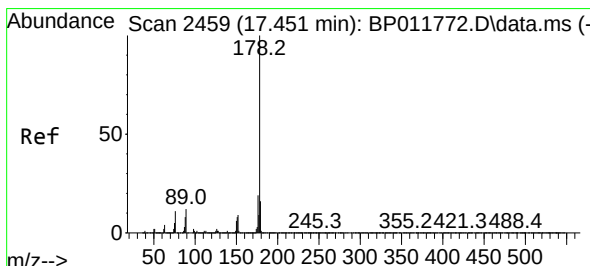
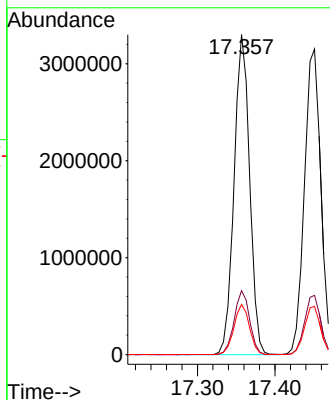
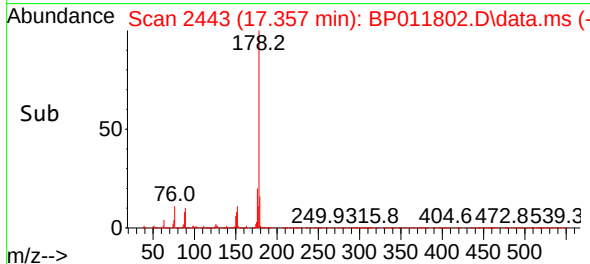
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:178 Resp: 4608495
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.7 12.6 18.8

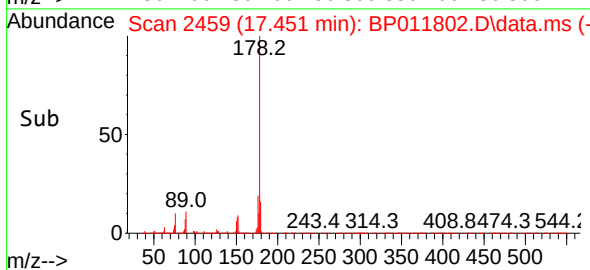
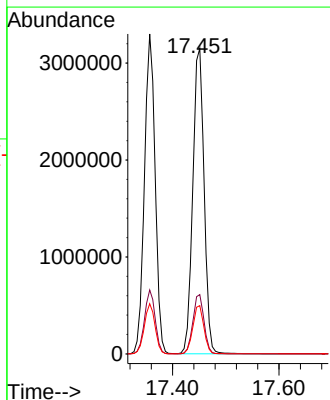
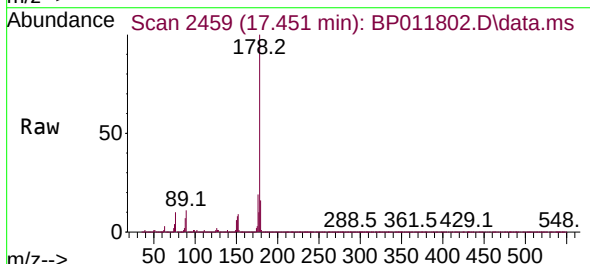
Manual Integrations
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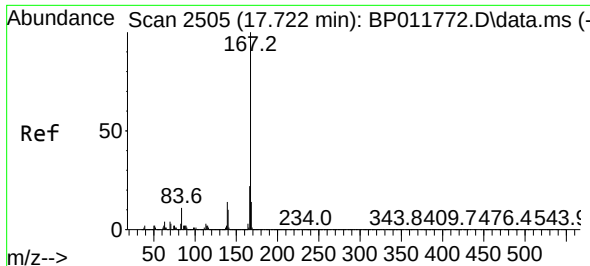
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#72
Anthracene
Concen: 52.690 ng
RT: 17.451 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

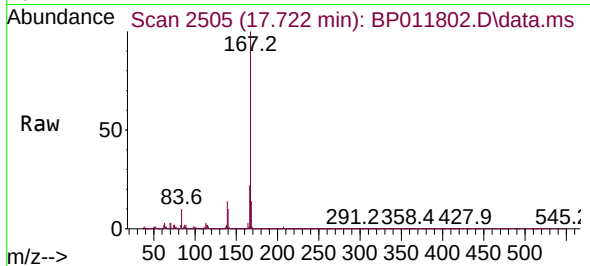
Tgt Ion:178 Resp: 4647095
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 53.413 ng
 RT: 17.722 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BP011802.D
 Acq: 26 Sep 2022 18:12

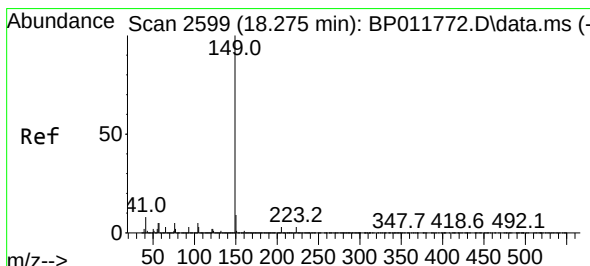
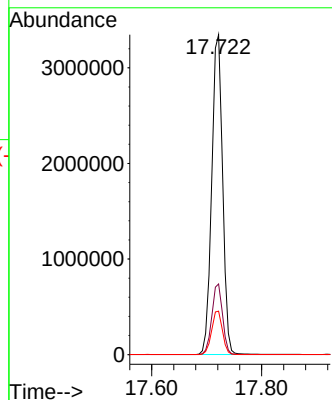
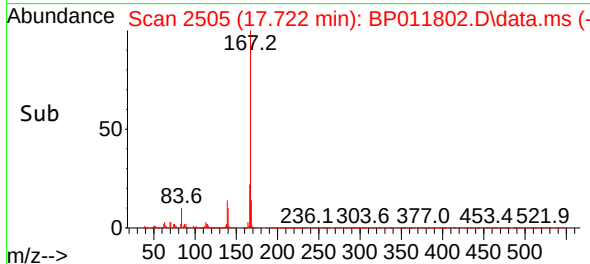
Instrument :
 BNA_P
 ClientSampleId :
 250FERRYBLVD-SOIL-1MSD



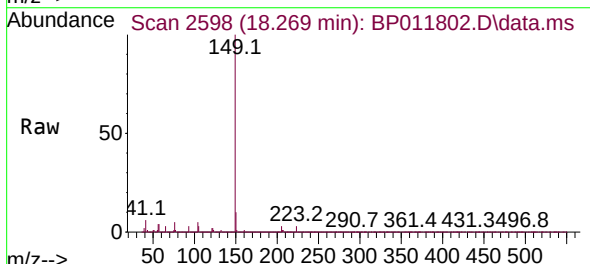
Tgt Ion:167 Resp: 4613720
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.6 11.0 16.6

Manual Integrations
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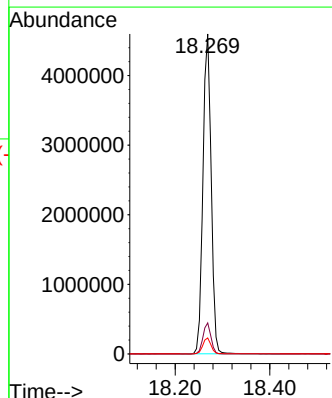
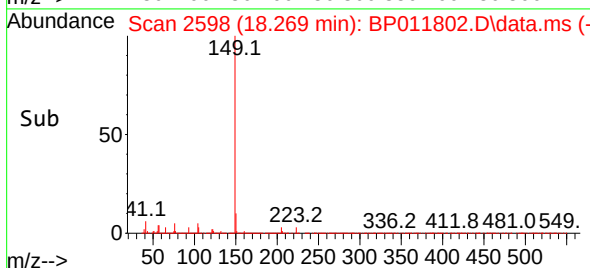
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

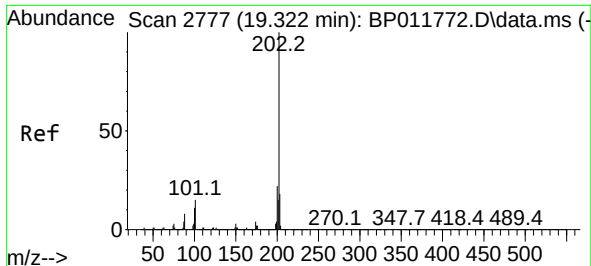


#74
 Di-n-butylphthalate
 Concen: 53.189 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP011802.D
 Acq: 26 Sep 2022 18:12



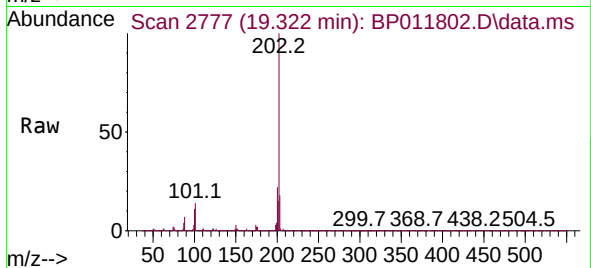
Tgt Ion:149 Resp: 5534176
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.0 4.2 6.4





#75
Fluoranthene
Concen: 52.605 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

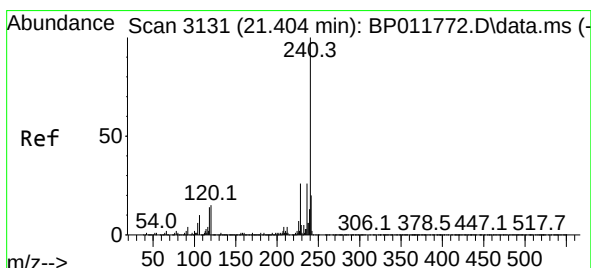
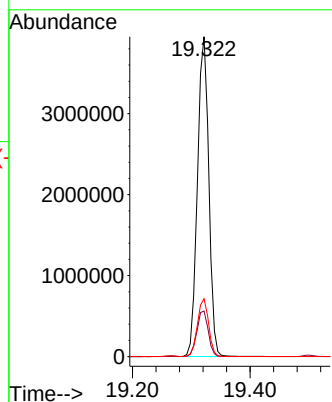
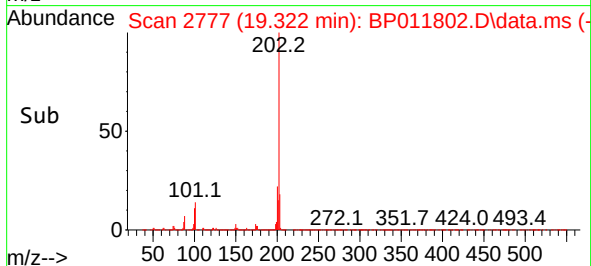
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:202 Resp: 5273536
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.5
203 18.1 0.0 38.1

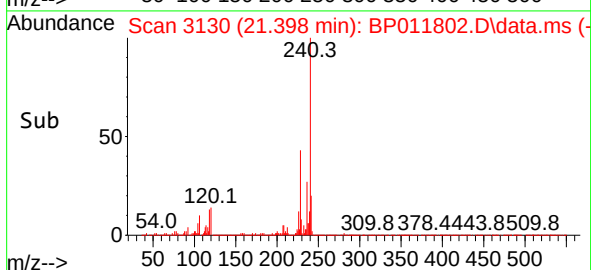
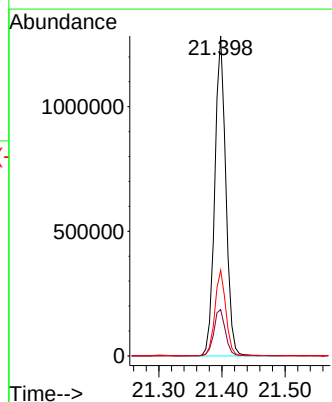
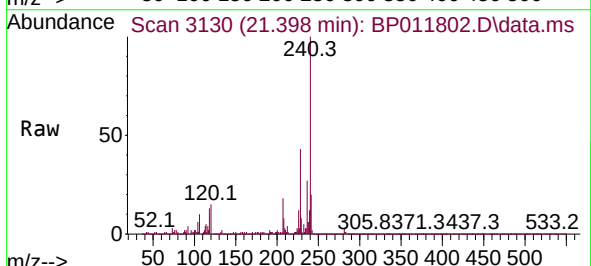
Manual Integrations
APPROVED

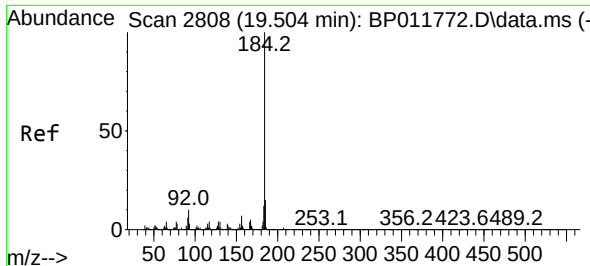
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:240 Resp: 1562881
Ion Ratio Lower Upper
240 100
120 14.5 12.0 18.0
236 26.8 21.1 31.7





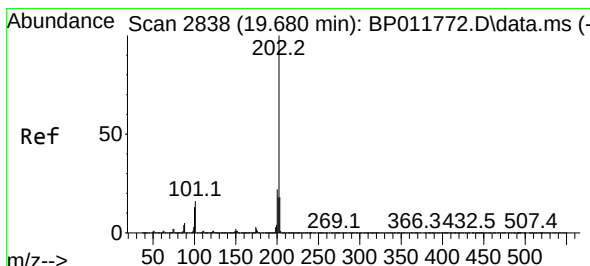
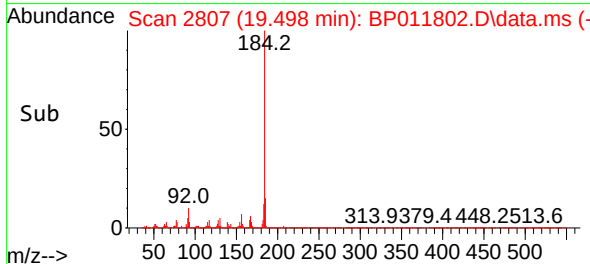
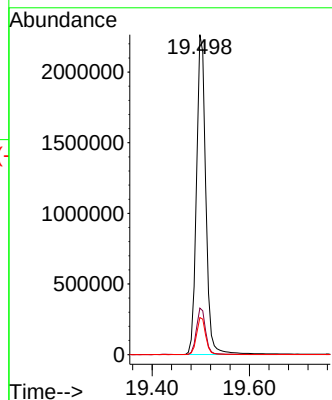
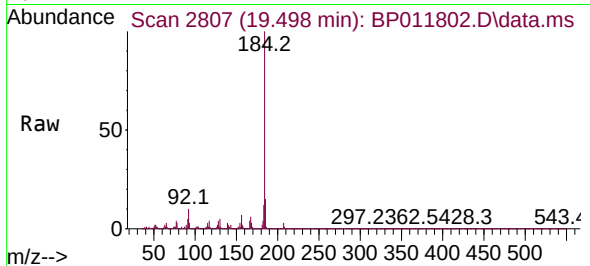
#77
Benzidine
Concen: 98.609 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion:184 Resp: 2991066
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.6 9.3 13.9

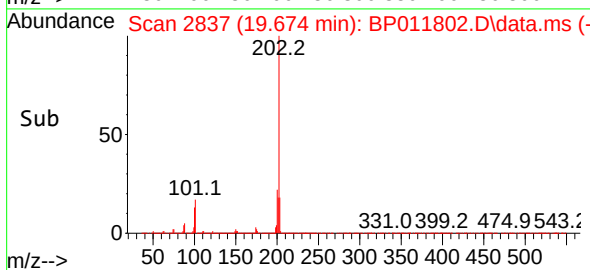
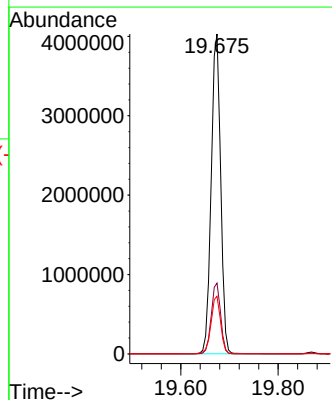
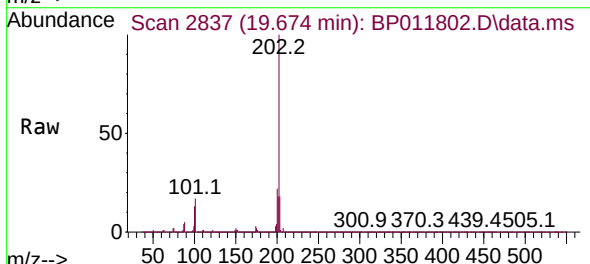
Manual Integrations
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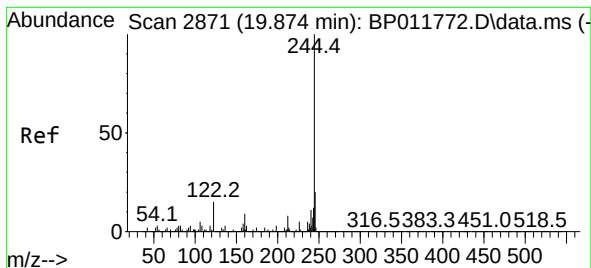
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#78
Pyrene
Concen: 52.303 ng
RT: 19.674 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:202 Resp: 5462106
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 103.566 ng

RT: 19.869 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

Tgt Ion:244 Resp: 703945

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

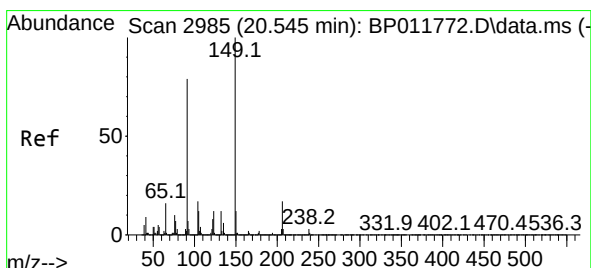
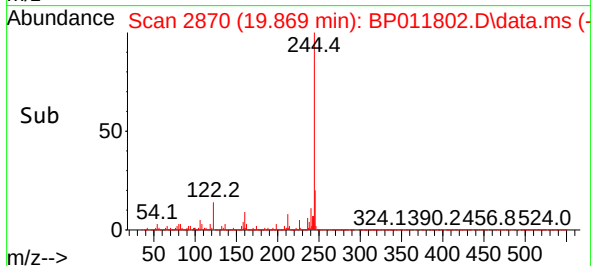
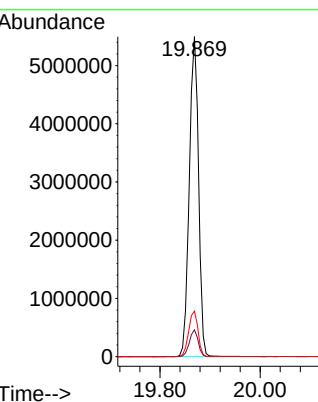
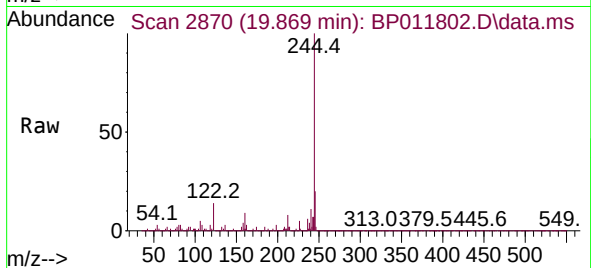
122 14.2 11.8 17.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#80

Butylbenzylphthalate

Concen: 51.006 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

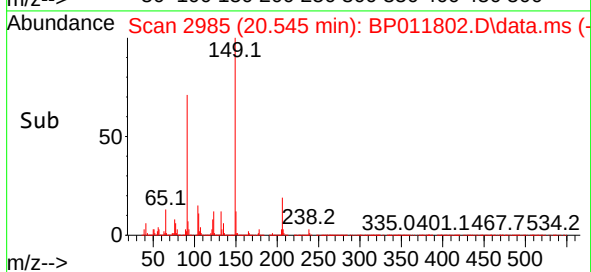
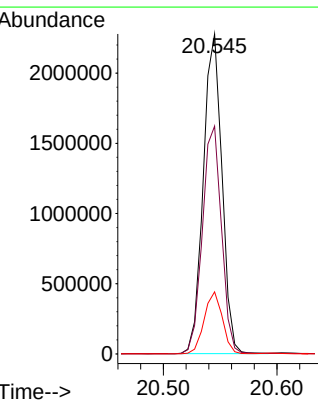
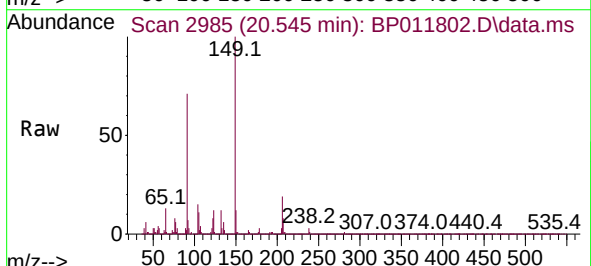
Tgt Ion:149 Resp: 2600002

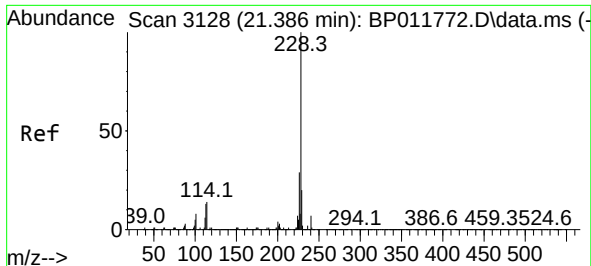
Ion Ratio Lower Upper

149 100

91 71.2 63.1 94.7

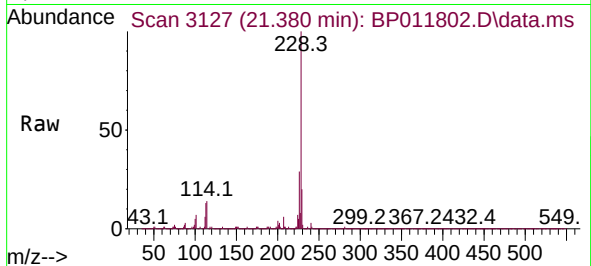
206 19.4 13.6 20.4





#81
Benzo(a)anthracene
Concen: 51.762 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

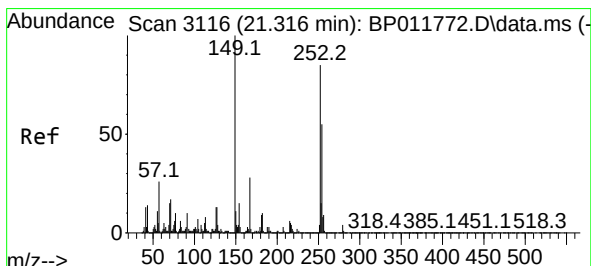
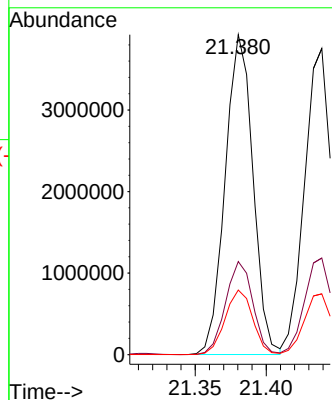
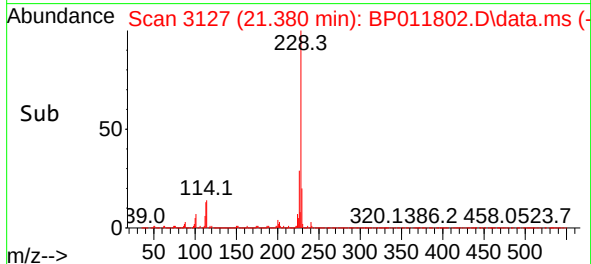
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:228 Resp: 5337604
Ion Ratio Lower Upper
228 100
226 29.1 23.1 34.7
229 20.2 16.3 24.5

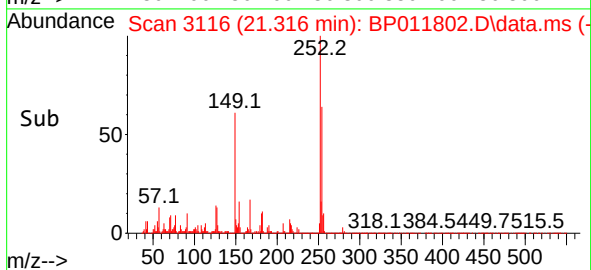
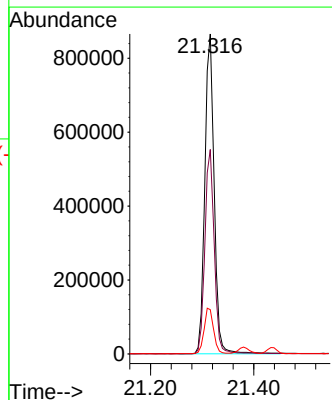
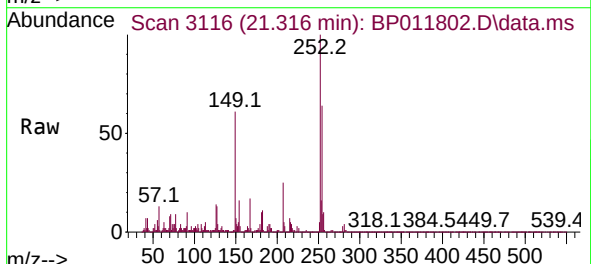
Manual Integrations
APPROVED

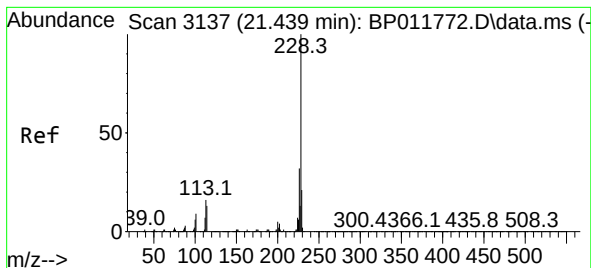
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.129 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:252 Resp: 1086505
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 13.8 12.6 18.8





#83

Chrysene

Concen: 51.451 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

Tgt Ion:228 Resp: 5027184

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

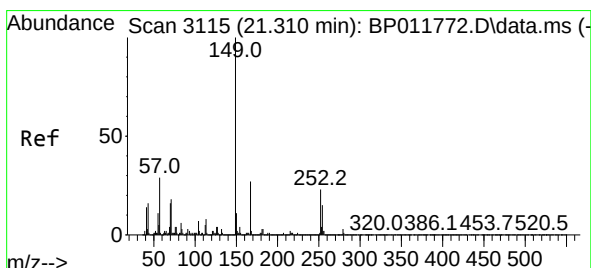
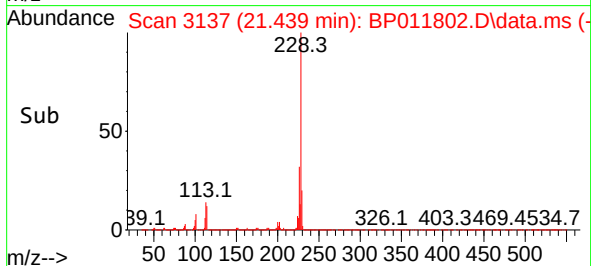
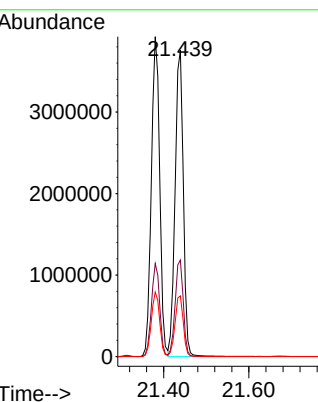
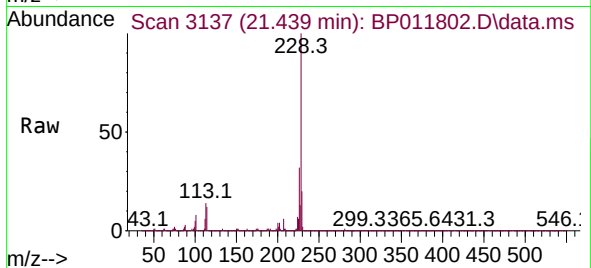
229 19.8 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.791 ng

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

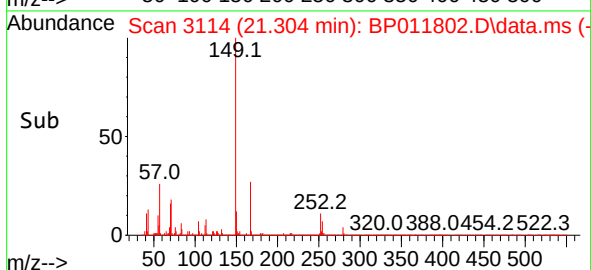
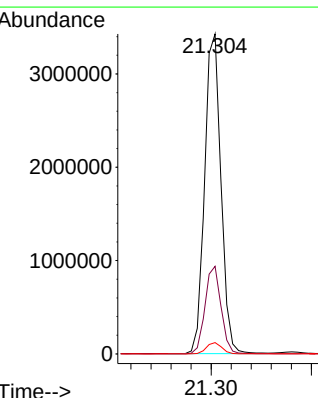
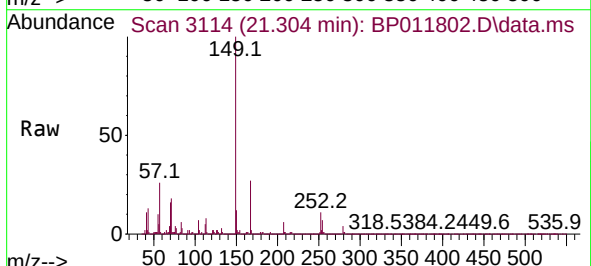
Tgt Ion:149 Resp: 3879415

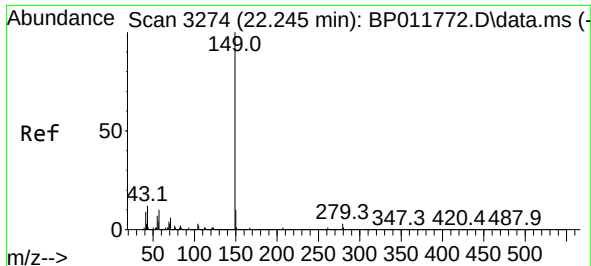
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

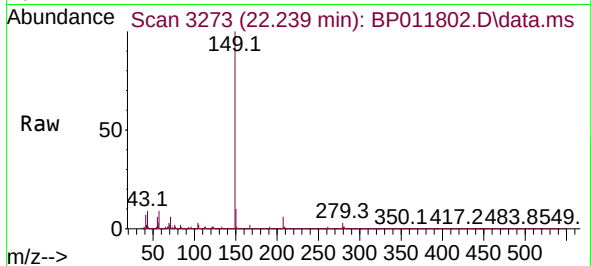
279 3.5 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 56.522 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

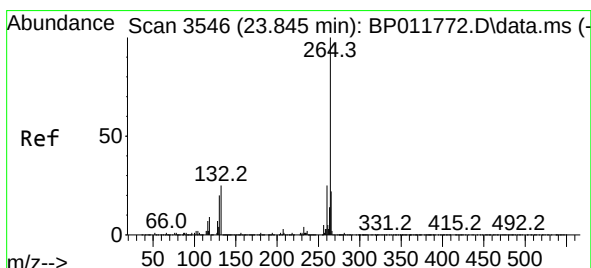
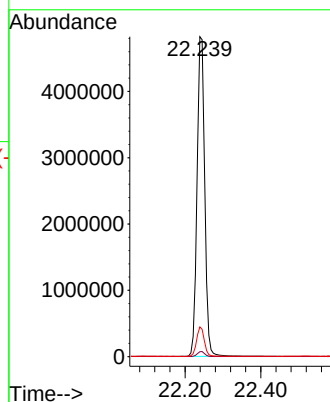
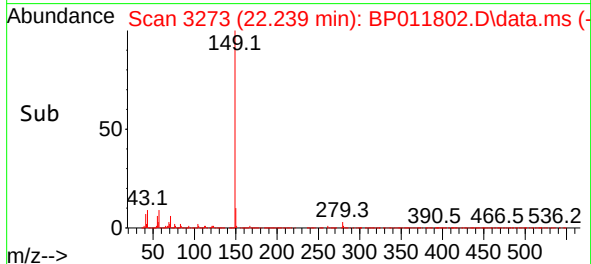
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD



Tgt Ion:149 Resp: 6735025
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 9.4 14.0

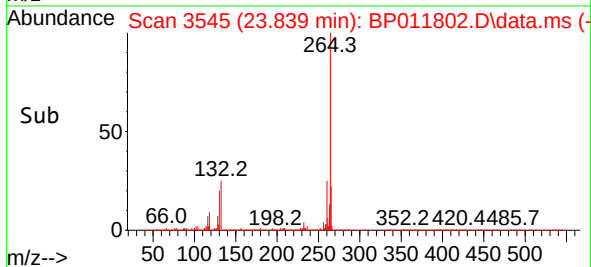
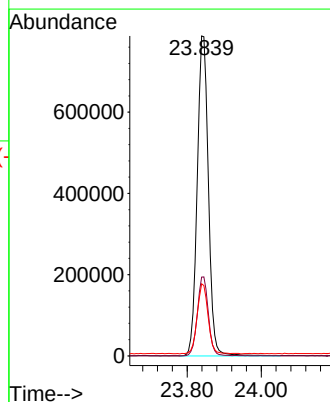
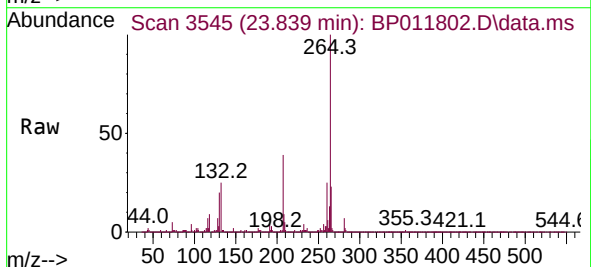
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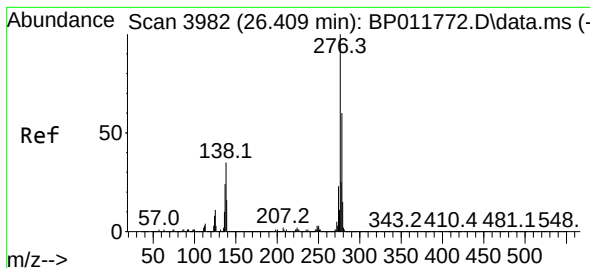
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:264 Resp: 1651962
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 22.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.132 ng

RT: 26.404 min Scan# 3982

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

Tgt Ion:276 Resp: 6221660

Ion Ratio Lower Upper

276 100

138 35.5 29.7 44.5

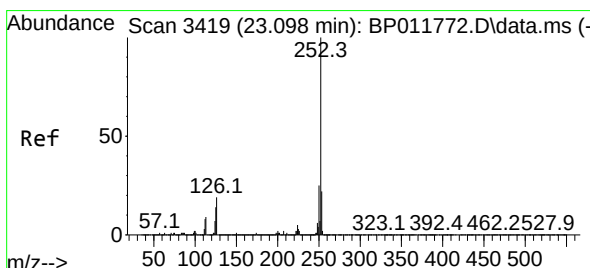
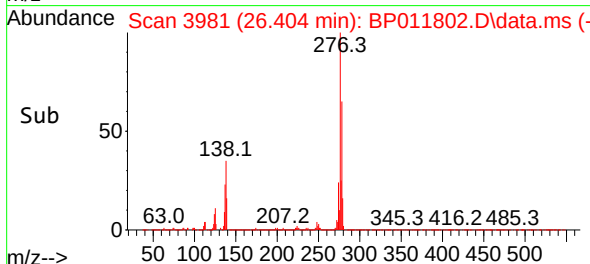
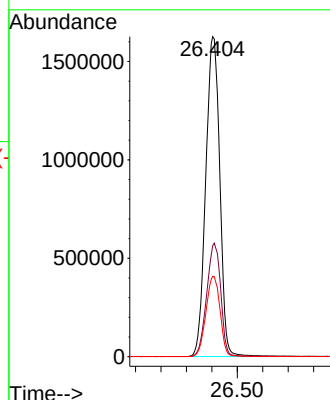
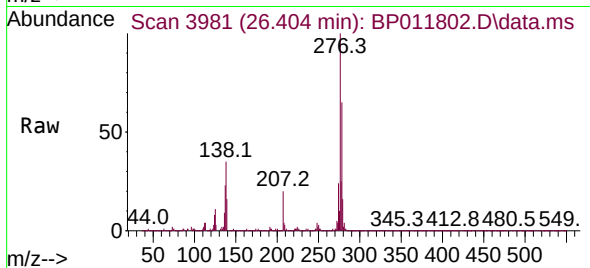
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#88

Benzo(b)fluoranthene

Concen: 55.244 ng

RT: 23.098 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

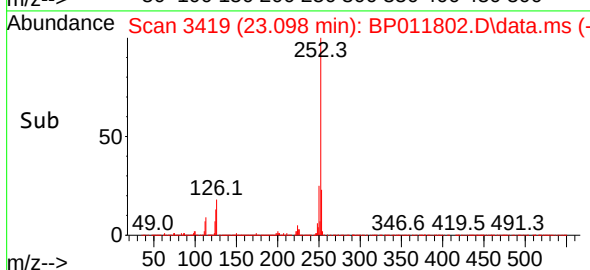
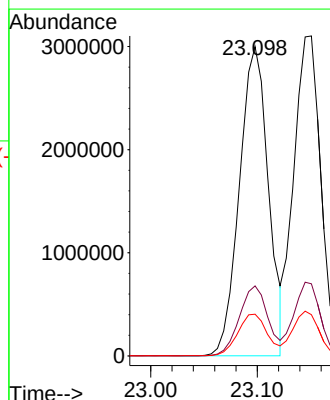
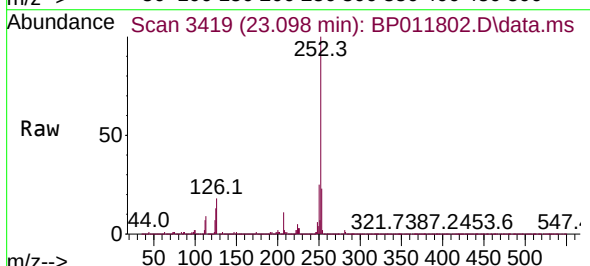
Tgt Ion:252 Resp: 5666127

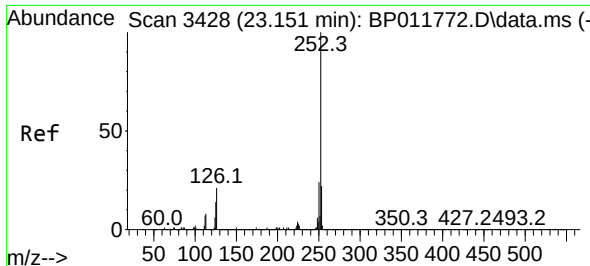
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 13.5 11.6 17.4





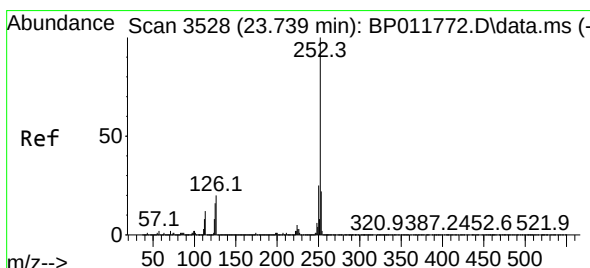
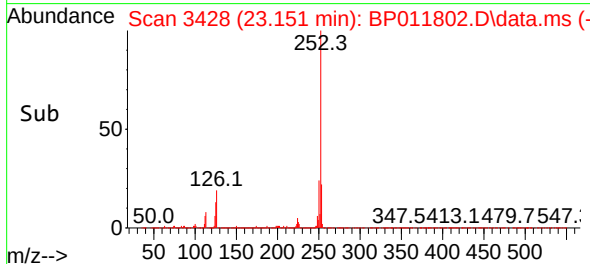
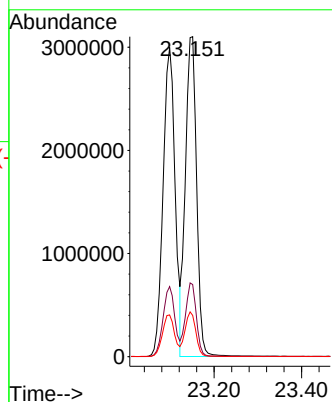
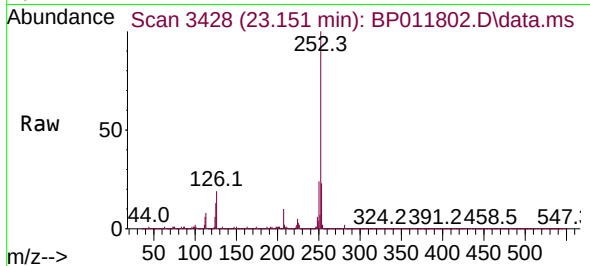
#89
Benzo(k)fluoranthene
Concen: 52.681 ng
RT: 23.151 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Tgt Ion:252 Resp: 5536459
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.9 11.2 16.8

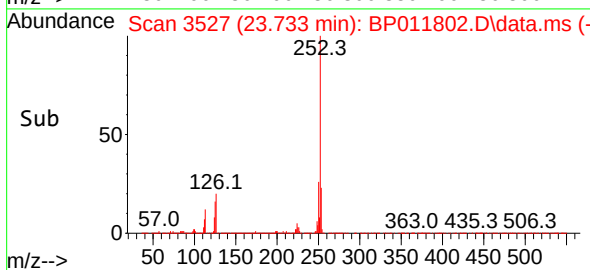
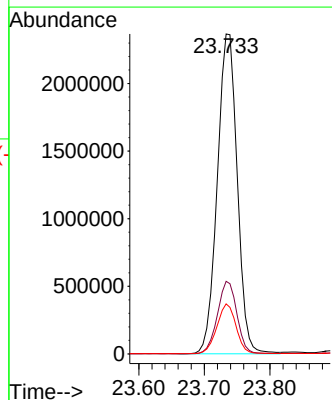
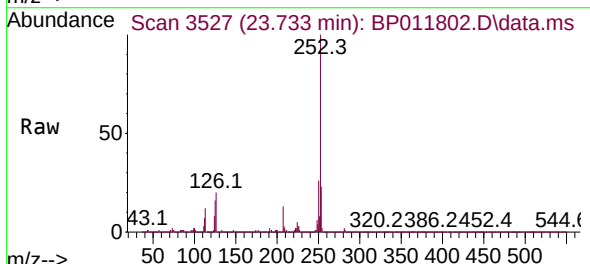
Manual Integrations
APPROVED

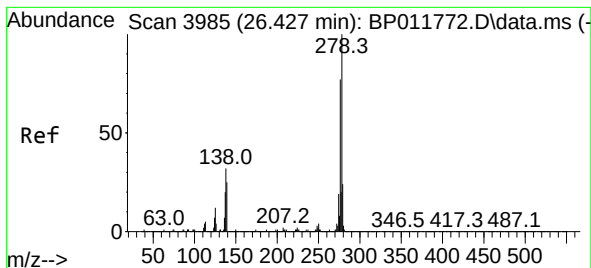
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#90
Benzo(a)pyrene
Concen: 57.805 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BP011802.D
Acq: 26 Sep 2022 18:12

Tgt Ion:252 Resp: 5016116
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 15.6 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 50.595 ng

RT: 26.427 min Scan# 3985

Delta R.T. 0.000 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MSD

Tgt Ion:278 Resp: 5429916

Ion Ratio Lower Upper

278 100

139 22.8 19.6 29.4

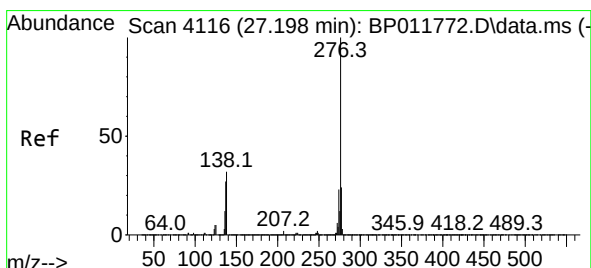
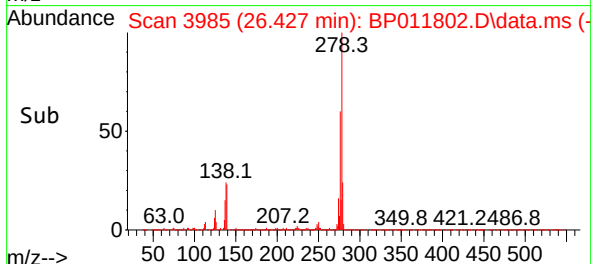
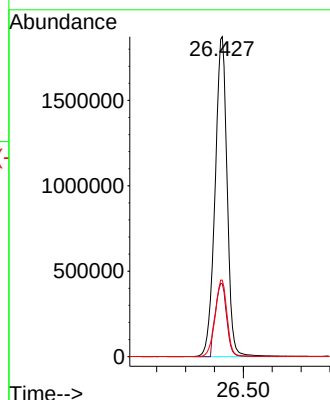
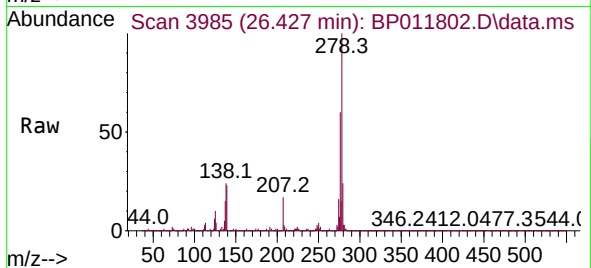
279 23.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#92

Benzo(g,h,i)perylene

Concen: 50.528 ng

RT: 27.192 min Scan# 4115

Delta R.T. -0.006 min

Lab File: BP011802.D

Acq: 26 Sep 2022 18:12

Tgt Ion:276 Resp: 5249274

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 31.5 25.6 38.4

