

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011801.D
 Acq On : 26 Sep 2022 17:37
 Operator : CG/JU
 Sample : N4790-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 03:20:18 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	292266	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1357383	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	853282	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1755037	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1631259	20.000	ng	0.00
86) Perylene-d12	23.845	264	1718981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2936019	176.262	ng	0.00
7) Phenol-d6	7.081	99	3807372	154.587	ng	0.00
23) Nitrobenzene-d5	9.087	82	2354487	90.789	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1118932	194.748	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	5047679	93.549	ng	0.00
79) Terphenyl-d14	19.869	244	7349433	103.594	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	315128	44.996	ng	# 60
3) Pyridine	3.775	79	830587	38.428	ng	94
4) n-Nitrosodimethylamine	3.670	42	441996	46.242	ng	# 90
6) Aniline	7.240	93	1090527	35.594	ng	100
8) 2-Chlorophenol	7.475	128	1187412	58.592	ng	96
9) Benzaldehyde	7.052	77	618869m	40.163	ng	
10) Phenol	7.105	94	1459356	52.602	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1133872	51.632	ng	96
12) 1,3-Dichlorobenzene	7.805	146	1029247	48.332	ng	98
13) 1,4-Dichlorobenzene	7.952	146	1059133	48.536	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1047591	49.071	ng	100
15) Benzyl Alcohol	8.163	79	1032539m	56.741	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1580042	43.558	ng	95
17) 2-Methylphenol	8.363	107	1034313	56.880	ng	98
18) Hexachloroethane	8.999	117	371639	44.483	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	886013	48.933	ng	91
20) 3+4-Methylphenols	8.693	107	1446073	56.639	ng	99
22) Acetophenone	8.746	105	1769234	51.889	ng	96
24) Nitrobenzene	9.128	77	1288633	48.092	ng	96
25) Isophorone	9.657	82	2581059	53.051	ng	98
26) 2-Nitrophenol	9.840	139	554219	50.992	ng	94
27) 2,4-Dimethylphenol	9.899	122	1231967	71.697	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	1606564	56.662	ng	99
29) 2,4-Dichlorophenol	10.369	162	1126814	61.289	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	956553	49.966	ng	99
31) Naphthalene	10.775	128	3485249	48.431	ng	100
32) Benzoic acid	9.993	122	113046	13.360	ng	98
33) 4-Chloroaniline	10.893	127	354071	11.801	ng	99
34) Hexachlorobutadiene	11.063	225	494261	51.189	ng	97
35) Caprolactam	11.699	113	370574m	49.595	ng	
36) 4-Chloro-3-methylphenol	12.016	107	1321199	59.211	ng	98
37) 2-Methylnaphthalene	12.387	142	2489137	50.087	ng	100
38) 1-Methylnaphthalene	12.604	142	2401956	49.081	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1076747	55.993	ng	99
41) Hexachlorocyclopentadiene	12.734	237	919819	97.531	ng	96
43) 2,4,6-Trichlorophenol	12.993	196	835389	60.013	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	939784	58.738	ng	98
46) 1,1'-Biphenyl	13.393	154	3270195	52.749	ng	98
47) 2-Chloronaphthalene	13.434	162	2452508	51.001	ng	98
48) 2-Nitroaniline	13.640	65	845059	49.289	ng	93
49) Acenaphthylene	14.281	152	4112025	51.517	ng	100
50) Dimethylphthalate	14.022	163	3298529	52.723	ng	100
51) 2,6-Dinitrotoluene	14.140	165	718974	55.660	ng	92
52) Acenaphthene	14.622	154	2451543	50.080	ng	100
53) 3-Nitroaniline	14.469	138	542919	34.317	ng	97
54) 2,4-Dinitrophenol	14.669	184	171593	29.764	ng	94
55) Dibenzofuran	14.957	168	3826857	51.004	ng	100
56) 4-Nitrophenol	14.781	139	1371140	104.363	ng	90
57) 2,4-Dinitrotoluene	14.928	165	994609	51.636	ng	87
58) Fluorene	15.610	166	3108804	48.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	745343m	57.056	ng	
60) Diethylphthalate	15.387	149	3391698	51.920	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1416058	53.207	ng	100
62) 4-Nitroaniline	15.634	138	851150	46.113	ng	98
63) Azobenzene	15.898	77	3325296	46.488	ng	95
65) 4,6-Dinitro-2-methylph...	15.687	198	205448	26.014	ng	90
66) n-Nitrosodiphenylamine	15.822	169	2766557	52.904	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	840413	58.392	ng	92
68) Hexachlorobenzene	16.616	284	877491	57.380	ng	95
69) Atrazine	16.781	200	947954	62.599	ng	98
70) Pentachlorophenol	16.963	266	1145905	102.830	ng	99
71) Phenanthrene	17.357	178	4927680	49.781	ng	100
72) Anthracene	17.451	178	4958166	52.370	ng	100
73) Carbazole	17.722	167	4886525	52.700	ng	100
74) Di-n-butylphthalate	18.269	149	5909418	52.910	ng	100
75) Fluoranthene	19.322	202	5581610	51.868	ng	98
77) Benzidine	19.504	184	2966611	93.704	ng	99
78) Pyrene	19.675	202	5737001	52.632	ng	99
80) Butylbenzylphthalate	20.545	149	2725048	51.207	ng	92
81) Benzo(a)anthracene	21.380	228	5546541	51.534	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	1095334	34.895	ng	99
83) Chrysene	21.439	228	5211557	51.102	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	4058175	51.902	ng	99
85) Di-n-octyl phthalate	22.245	149	7095565	57.052	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.404	276	6299364	46.833	ng	98
88) Benzo(b)fluoranthene	23.098	252	5829619	54.622	ng	99
89) Benzo(k)fluoranthene	23.151	252	5833082	53.339	ng	99
90) Benzo(a)pyrene	23.739	252	5201078	57.599	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	5487057	49.134	ng	98
92) Benzo(g,h,i)perylene	27.198	276	5272912	48.776	ng	98

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

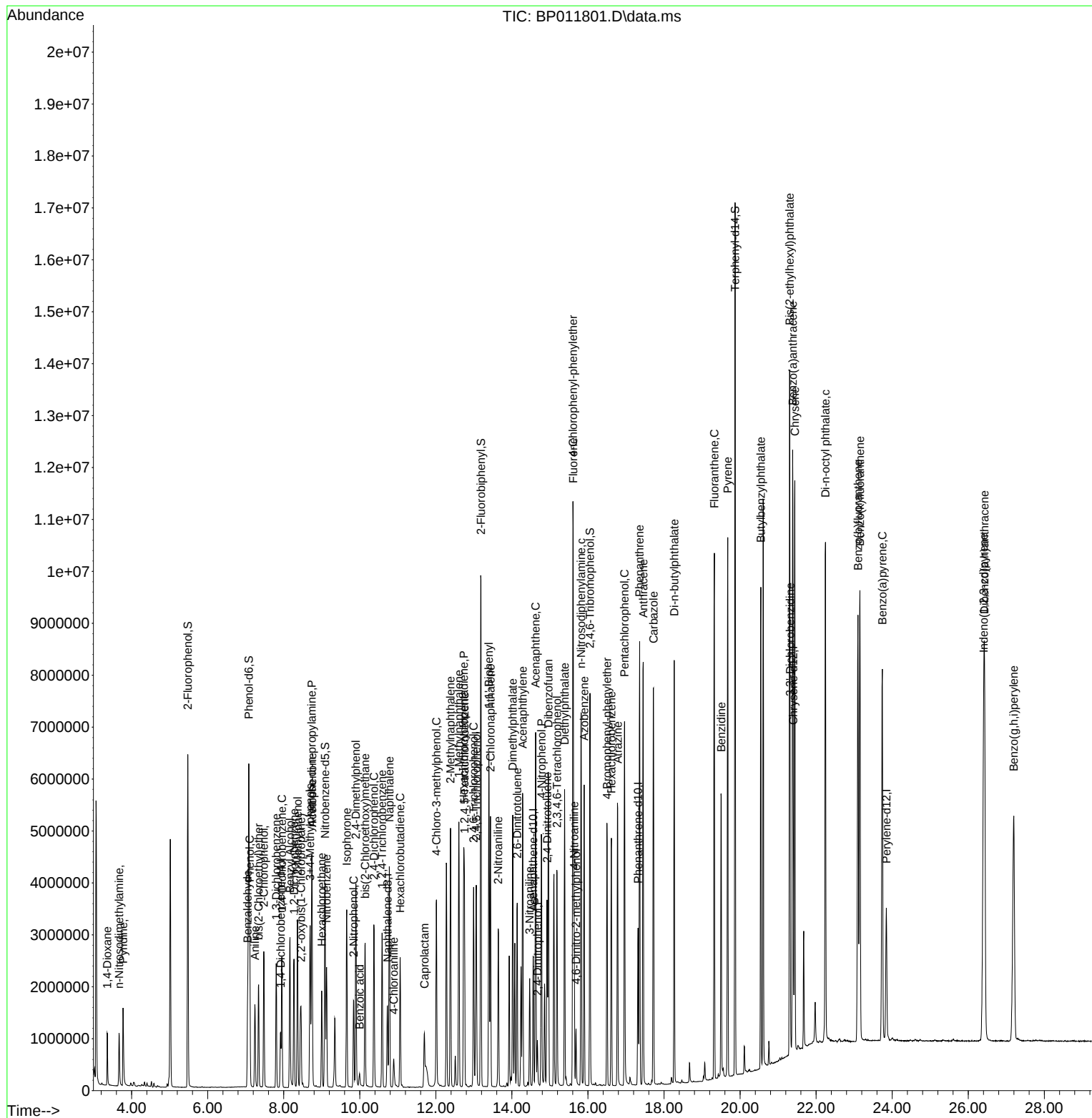
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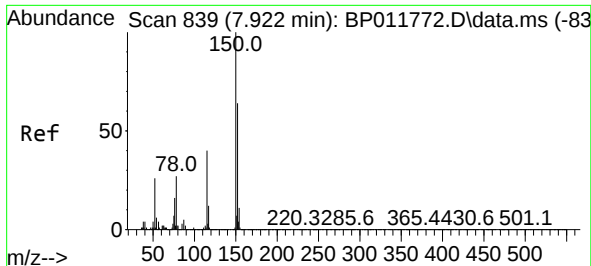
Instrument :
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 ClientSampleId :
 250FERRYBLVD-SOIL-1MS

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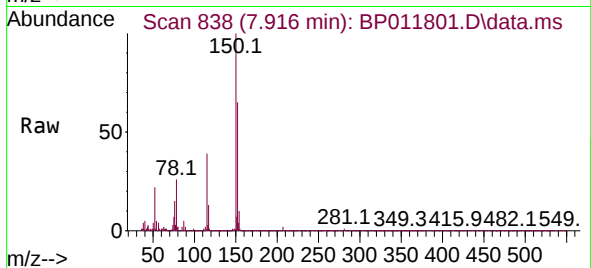
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

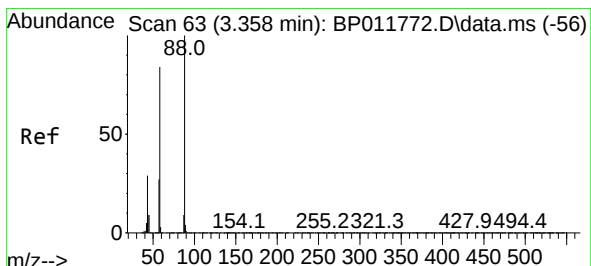
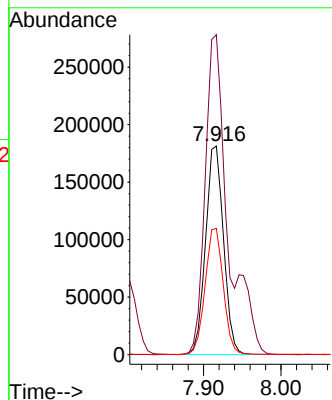
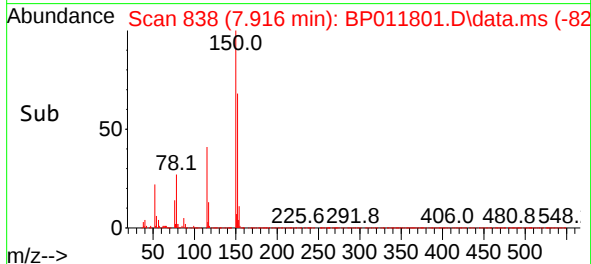
Instrument :
BNA_P
ClientSampleId :
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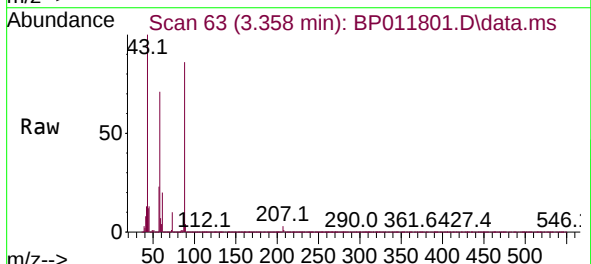
Tgt Ion: 152 Resp: 292266
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.4
115 60.5 50.0 75.0

Manual Integrations
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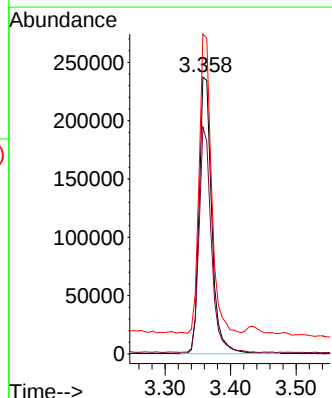
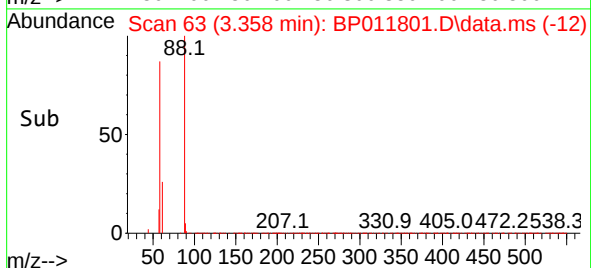
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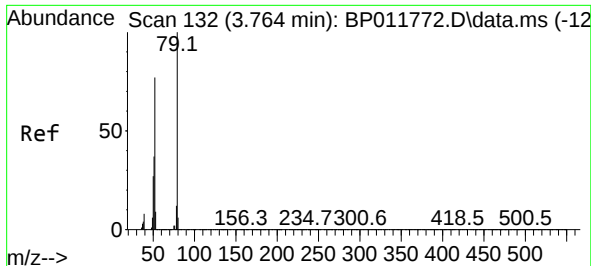


#2
1,4-Dioxane
Concen: 44.996 ng
RT: 3.358 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



Tgt Ion: 88 Resp: 315128
Ion Ratio Lower Upper
88 100
58 79.2 66.6 99.8
43 105.0 23.2 34.8





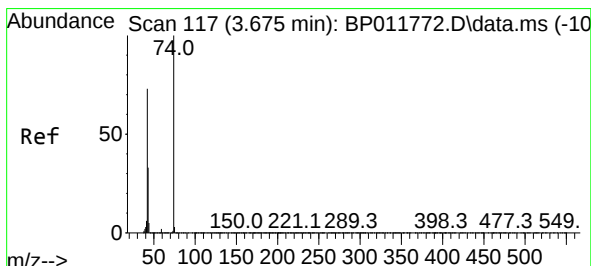
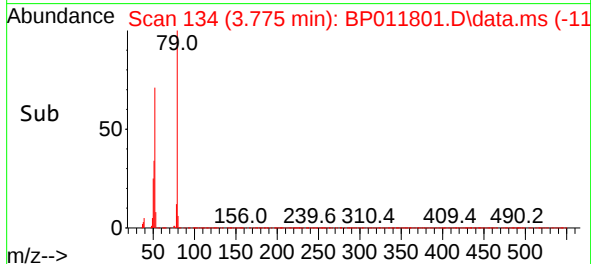
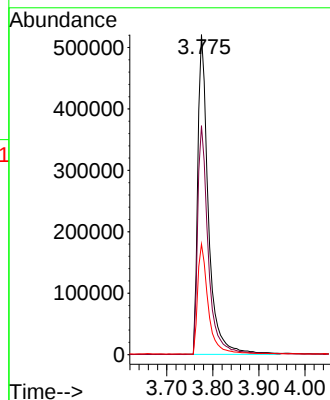
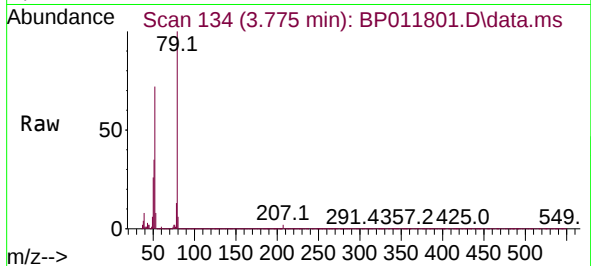
#3
Pyridine
Concen: 38.428 ng
RT: 3.775 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

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

Tgt Ion: 79 Resp: 83058
Ion Ratio Lower Upper
79 100
52 71.5 61.9 92.9
51 34.5 29.9 44.9

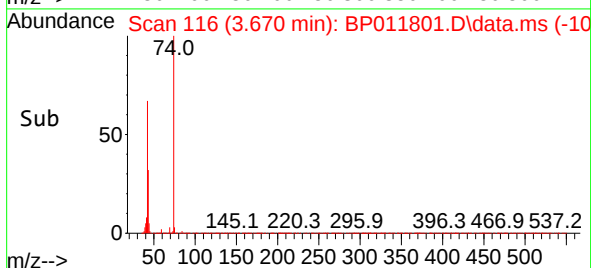
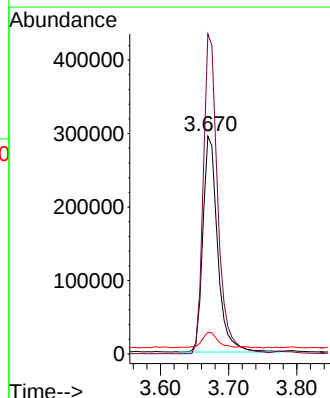
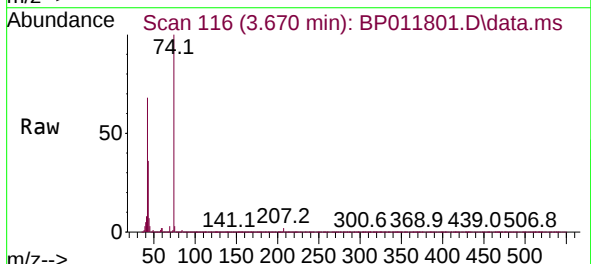
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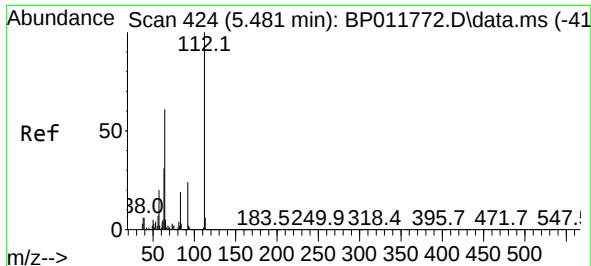
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#4
n-Nitrosodimethylamine
Concen: 46.242 ng
RT: 3.670 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion: 42 Resp: 441996
Ion Ratio Lower Upper
42 100
74 147.0 109.0 163.6
44 9.9 15.4 23.2#





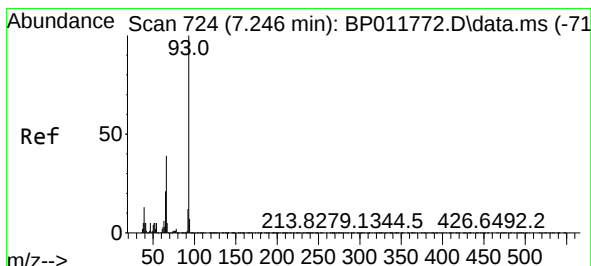
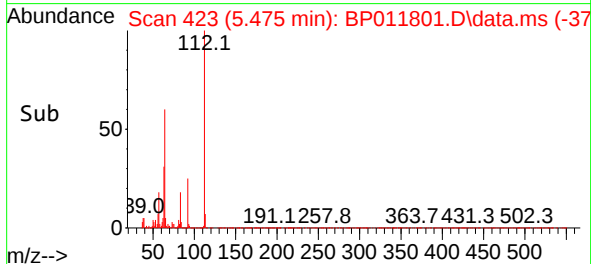
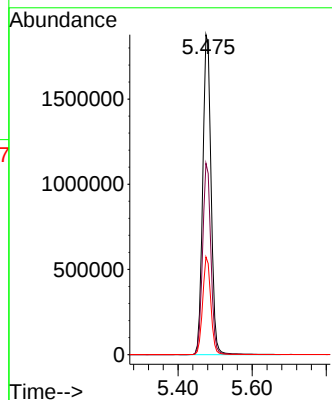
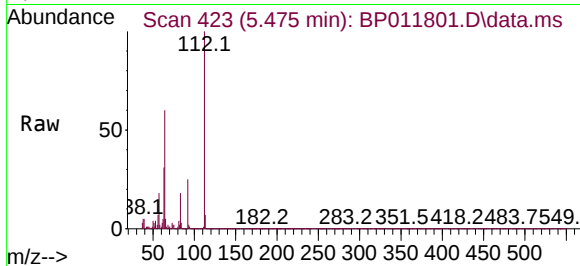
#5
2-Fluorophenol
Concen: 176.262 ng
RT: 5.475 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

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

Tgt Ion:112 Resp: 2936019
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 30.5 25.2 37.8

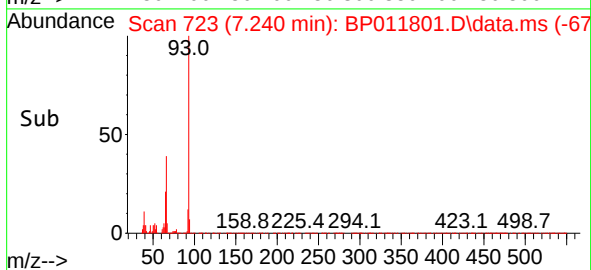
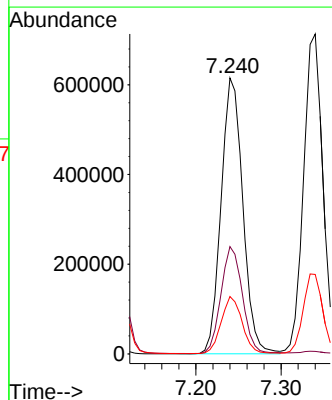
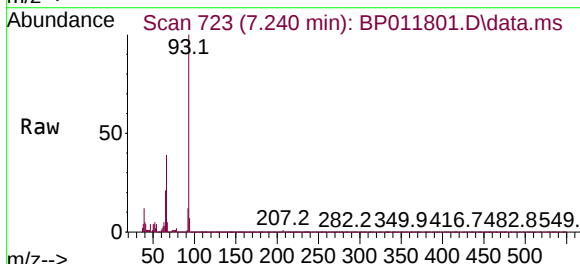
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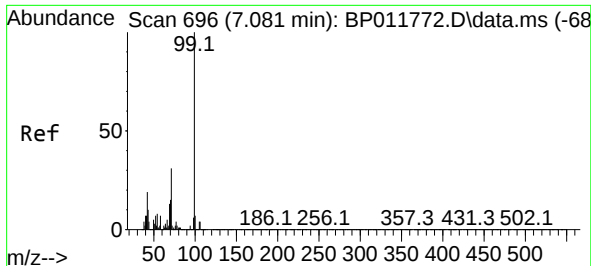
Reviewed By :Christian Giraldo 09/27/2022
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#6
Aniline
Concen: 35.594 ng
RT: 7.240 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

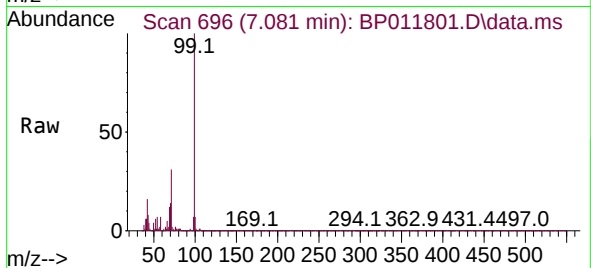
Tgt Ion: 93 Resp: 1090527
Ion Ratio Lower Upper
93 100
66 38.9 31.3 46.9
65 20.8 16.9 25.3





#7
Phenol-d6
Concen: 154.587 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011801.D
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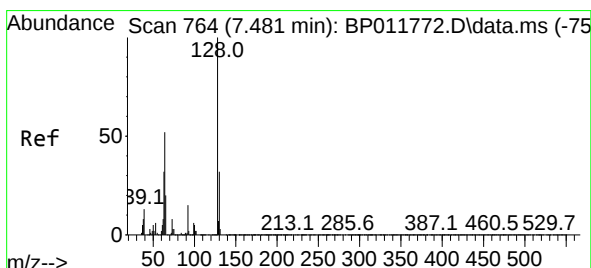
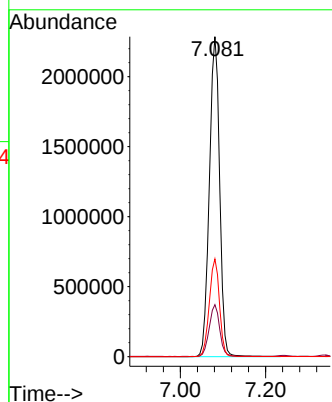
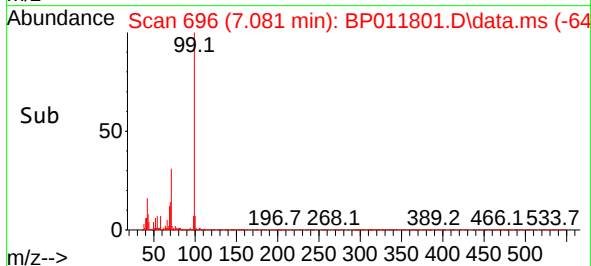
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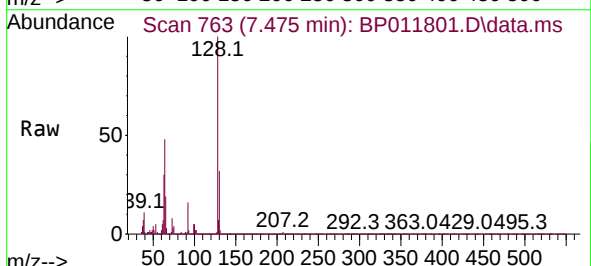
Tgt Ion: 99 Resp: 3807372
Ion Ratio Lower Upper
99 100
42 16.3 15.4 23.2
71 30.5 24.7 37.1

Manual Integrations
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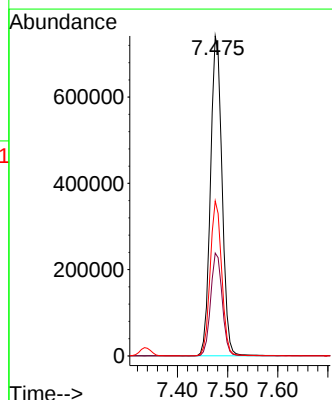
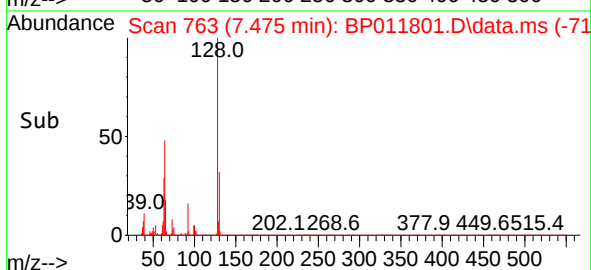
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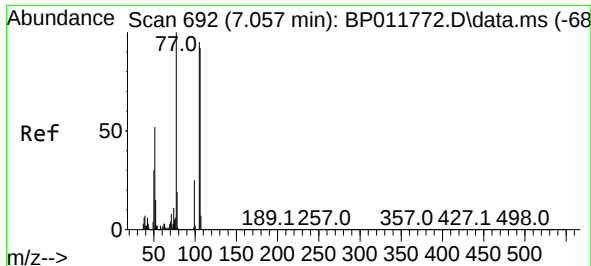


#8
2-Chlorophenol
Concen: 58.592 ng
RT: 7.475 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



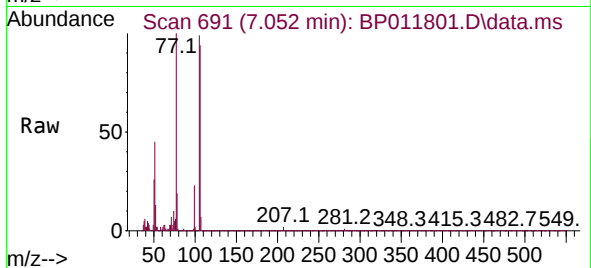
Tgt Ion:128 Resp: 1187412
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 48.4 32.6 72.6





#9
Benzaldehyde
Concen: 40.163 ng m
RT: 7.052 min Scan# 691
Delta R.T. -0.005 min
Lab File: BP011801.D
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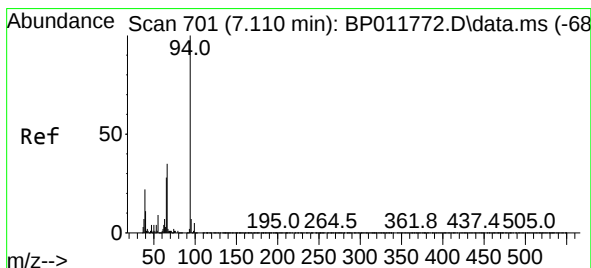
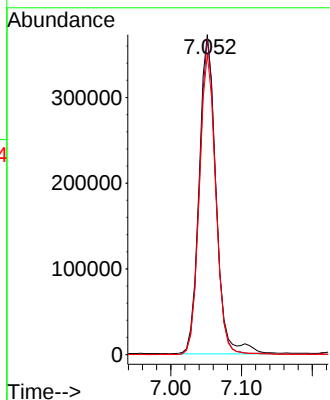
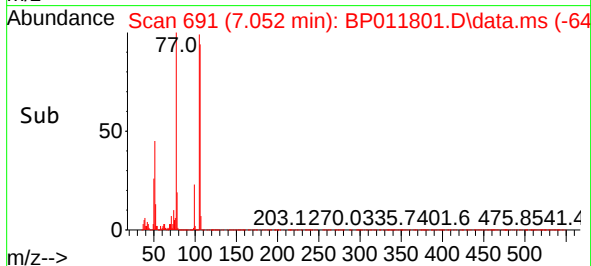
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



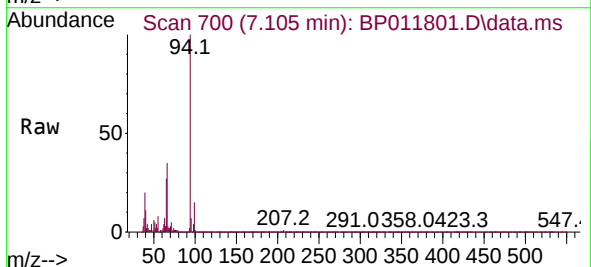
Tgt Ion: 77 Resp: 618869
Ion Ratio Lower Upper
77 100
105 98.7 75.4 115.4
106 93.9 71.6 111.6

Manual Integrations
APPROVED

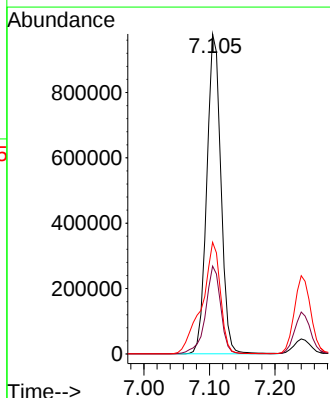
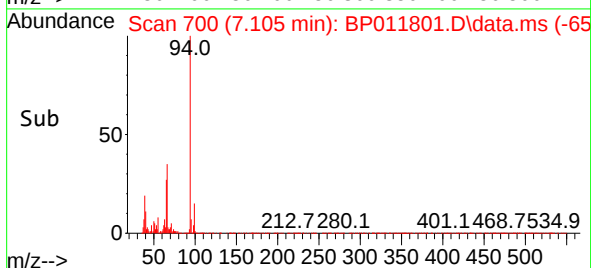
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

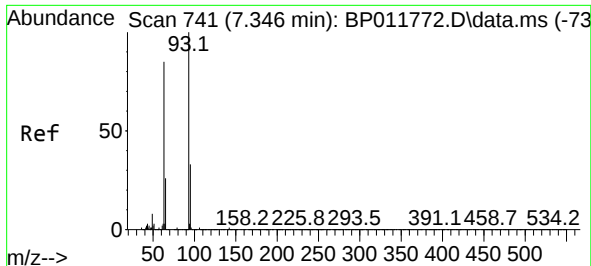


#10
Phenol
Concen: 52.602 ng
RT: 7.105 min Scan# 700
Delta R.T. -0.005 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



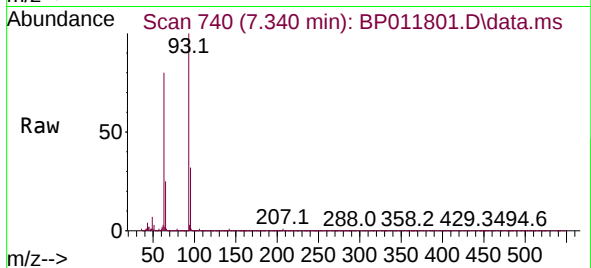
Tgt Ion: 94 Resp: 1459356
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 34.9 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 51.632 ng
RT: 7.340 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

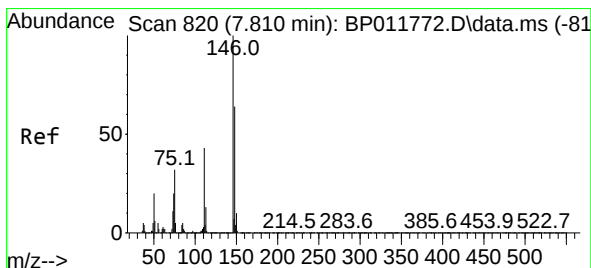
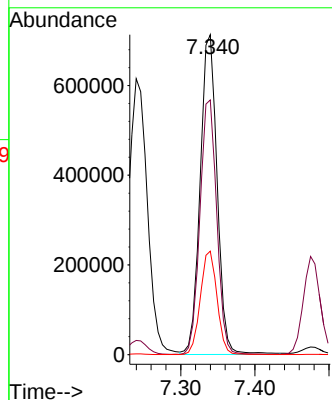
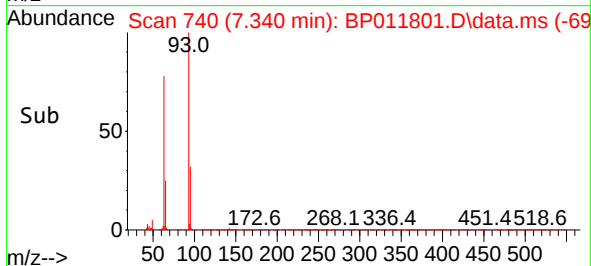
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



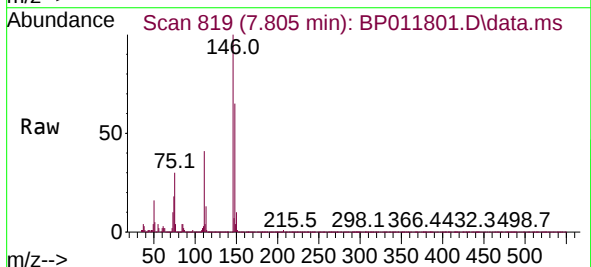
Tgt Ion: 93 Resp: 1133872
Ion Ratio Lower Upper
93 100
63 79.6 64.4 104.4
95 32.3 12.7 52.7

Manual Integrations
APPROVED

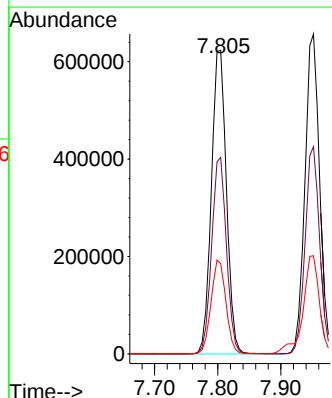
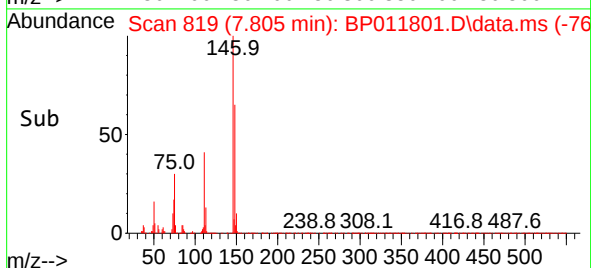
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

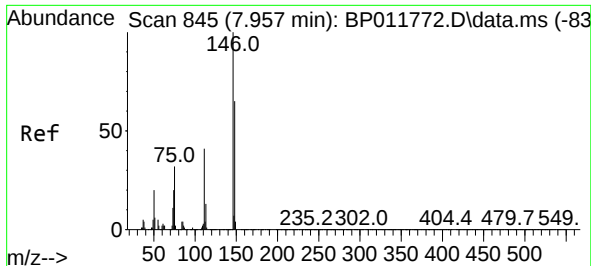


#12
1,3-Dichlorobenzene
Concen: 48.332 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



Tgt Ion:146 Resp: 1029247
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 29.8 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 48.536 ng

RT: 7.952 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:146 Resp: 105913

Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

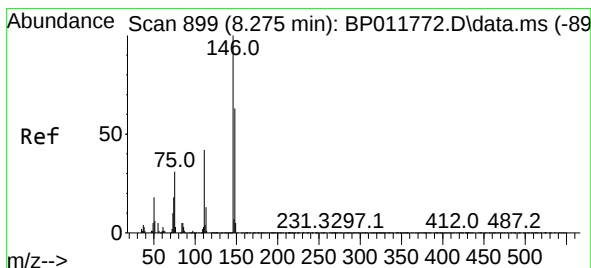
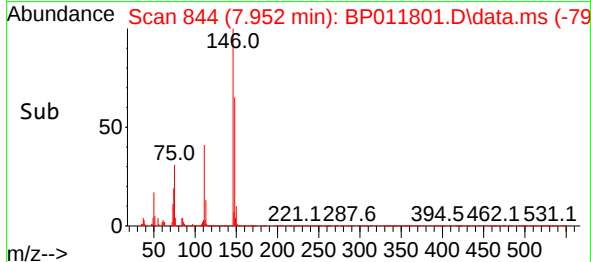
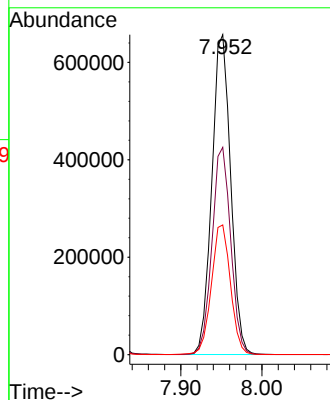
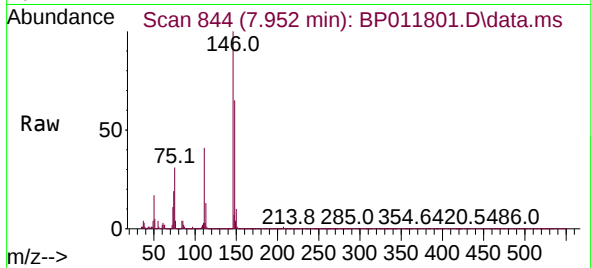
111 40.5 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 49.071 ng

RT: 8.269 min Scan# 898

Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

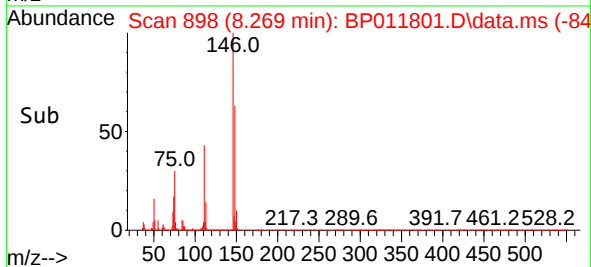
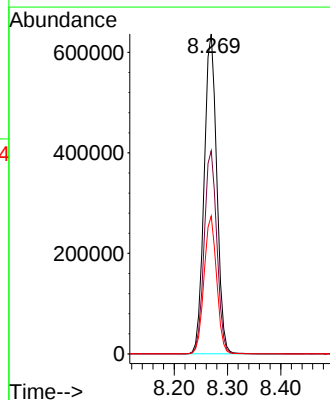
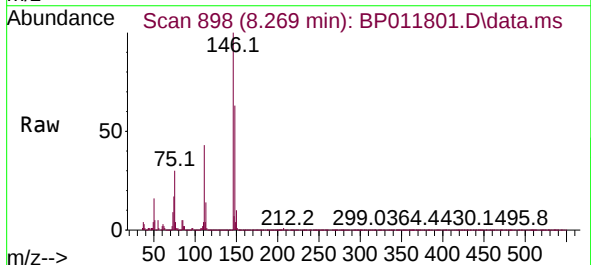
Tgt Ion:146 Resp: 1047591

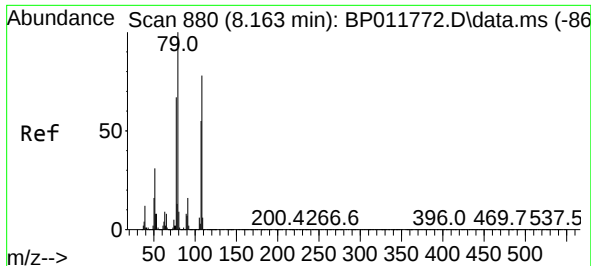
Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

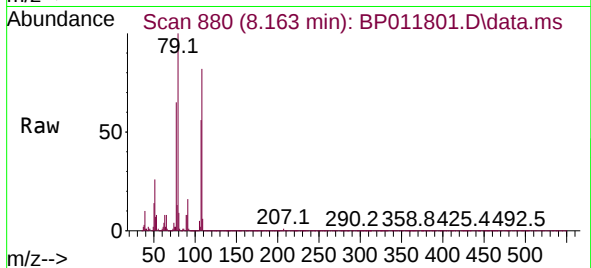
111 43.1 34.0 51.0





#15
Benzyl Alcohol
Concen: 56.741 ng m
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

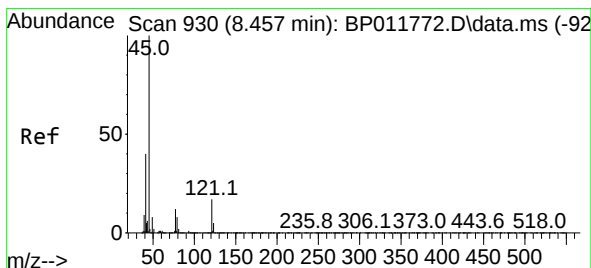
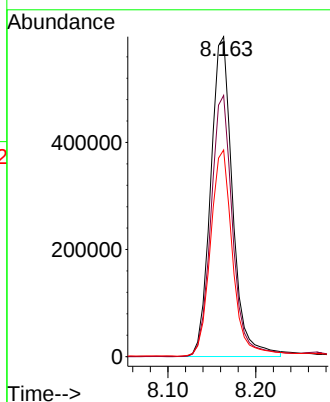
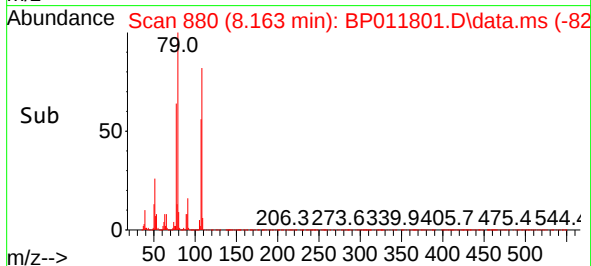
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 79 Resp: 1032539
Ion Ratio Lower Upper
79 100
108 81.6 62.7 94.1
77 64.6 53.8 80.6

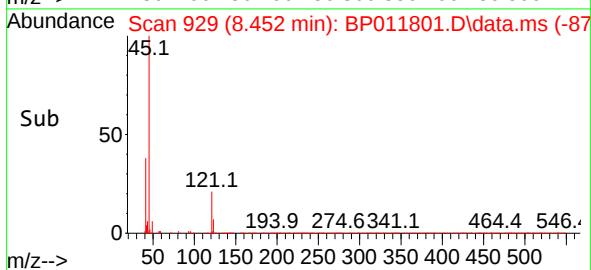
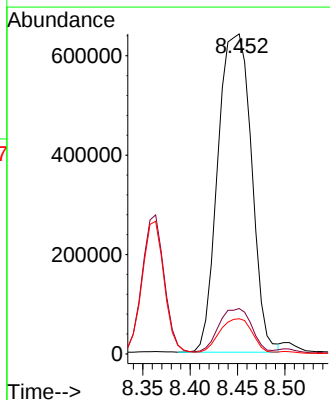
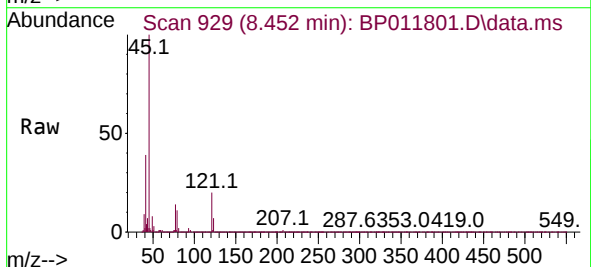
Manual Integrations
APPROVED

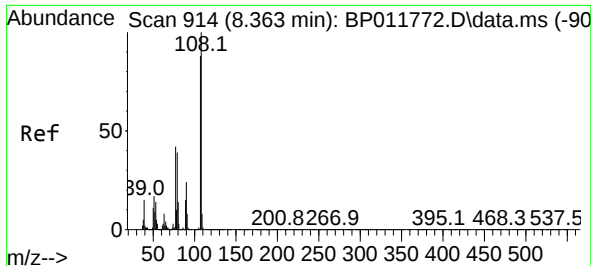
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.558 ng
RT: 8.452 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion: 45 Resp: 1580042
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.6
79 11.0 0.0 29.0





#17

2-Methylphenol

Concen: 56.880 ng

RT: 8.363 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP011801.D

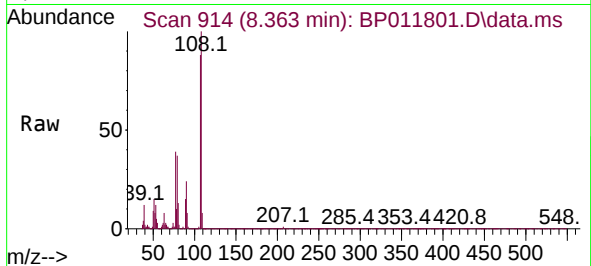
Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS



Tgt Ion:107 Resp: 1034313

Ion Ratio Lower Upper

107 100

108 113.6 90.6 136.0

77 44.0 38.0 57.0

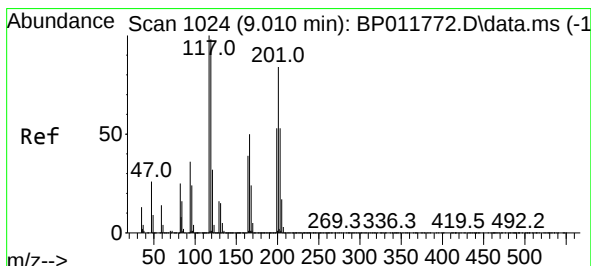
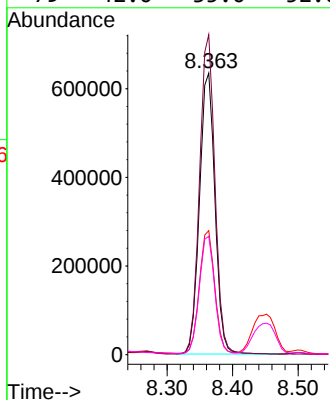
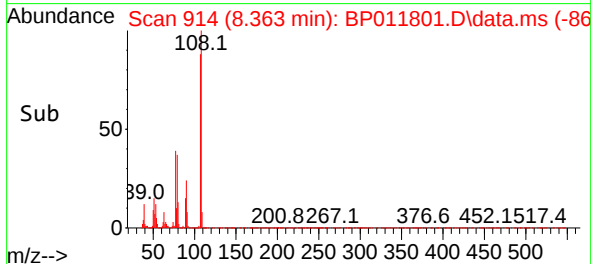
79 42.0 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#18

Hexachloroethane

Concen: 44.483 ng

RT: 8.999 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

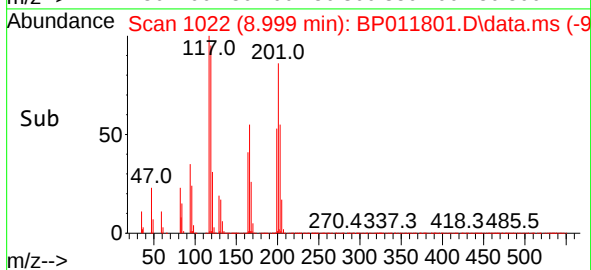
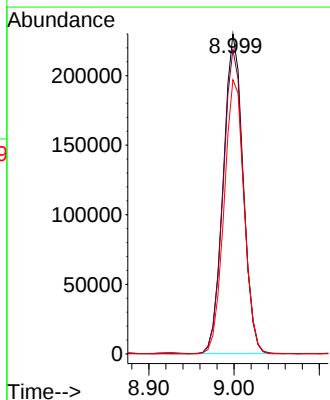
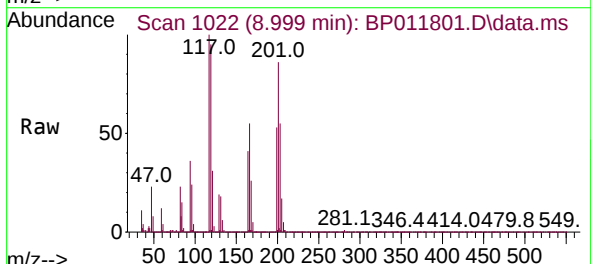
Tgt Ion:117 Resp: 371639

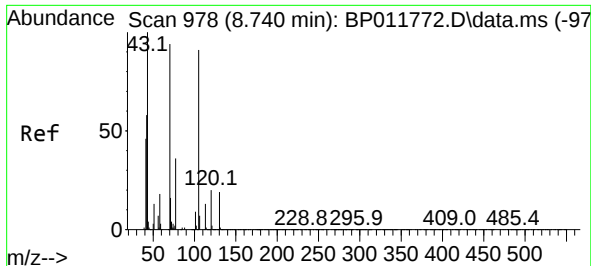
Ion Ratio Lower Upper

117 100

119 95.1 78.8 118.2

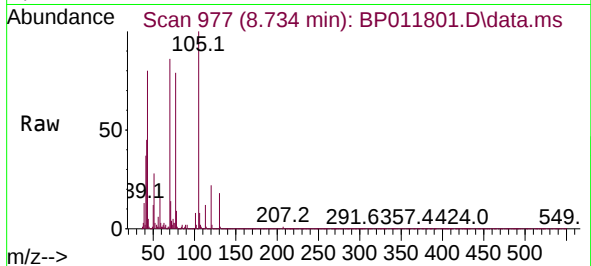
201 85.7 67.4 101.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.933 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

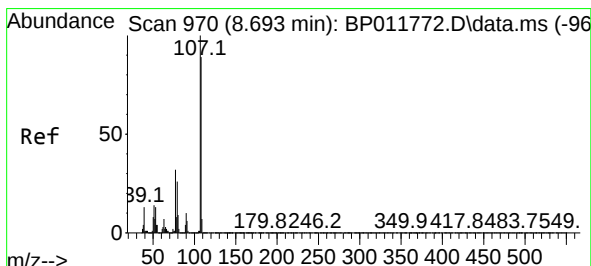
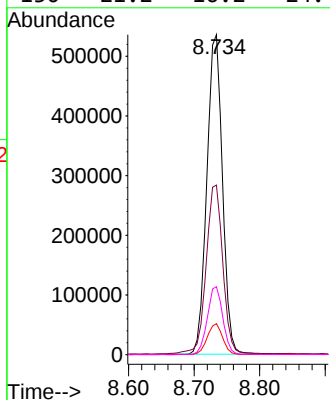
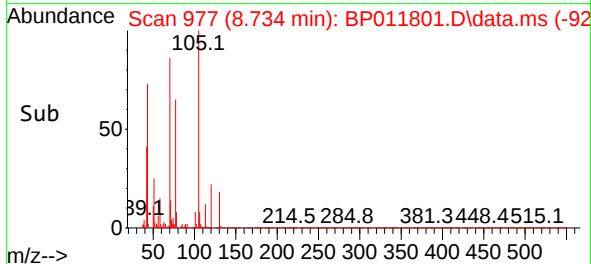
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 70 Resp: 886013
Ion Ratio Lower Upper
70 100
42 53.0 50.1 75.1
101 9.7 7.6 11.4
130 21.2 16.2 24.4

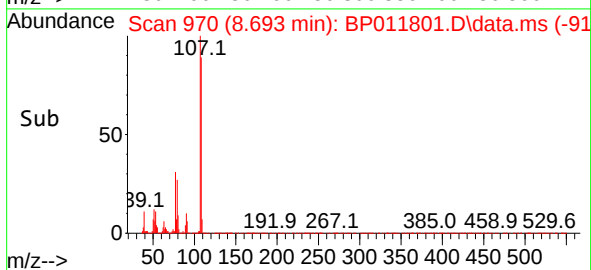
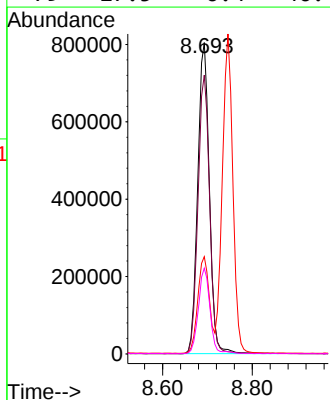
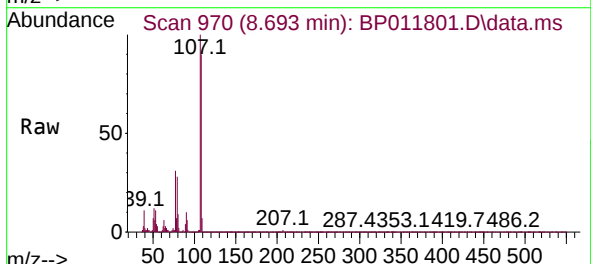
Manual Integrations
APPROVED

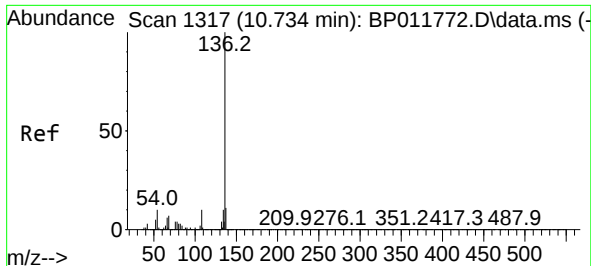
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#20
3+4-Methylphenols
Concen: 56.639 ng
RT: 8.693 min Scan# 970
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

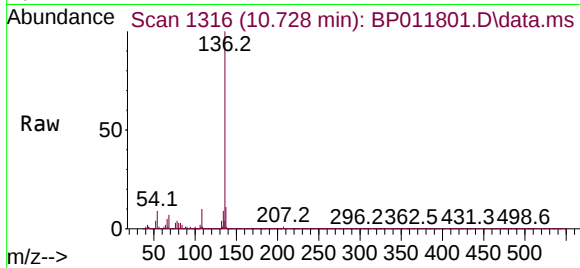
Tgt Ion:107 Resp: 1446073
Ion Ratio Lower Upper
107 100
108 89.5 69.2 109.2
77 31.2 12.5 52.5
79 27.5 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

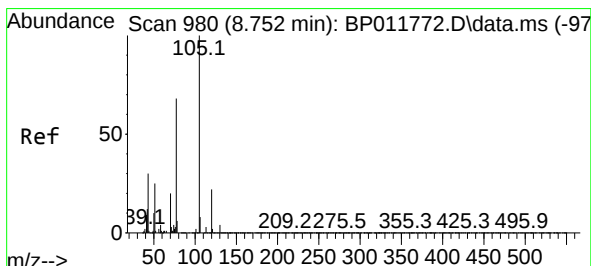
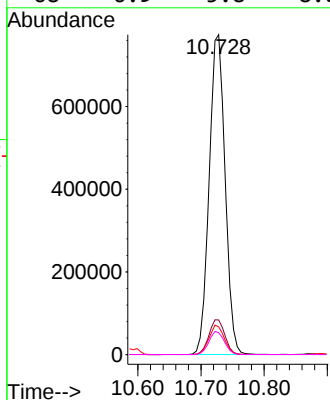
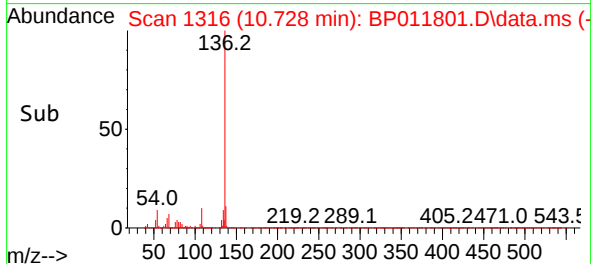
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



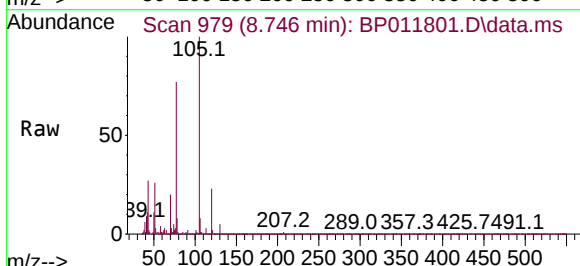
Tgt Ion:136 Resp: 1357383
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.7 8.2 12.4
68 6.9 5.8 8.8

Manual Integrations
APPROVED

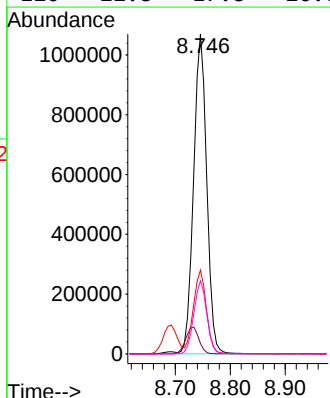
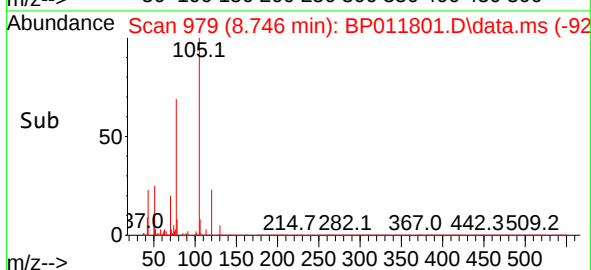
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

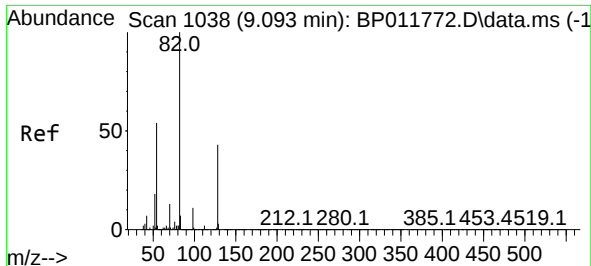


#22
Acetophenone
Concen: 51.889 ng
RT: 8.746 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



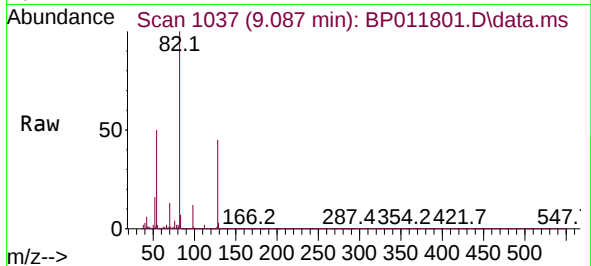
Tgt Ion:105 Resp: 1769234
Ion Ratio Lower Upper
105 100
71 3.3 2.7 4.1
51 26.2 23.6 35.4
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 90.789 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

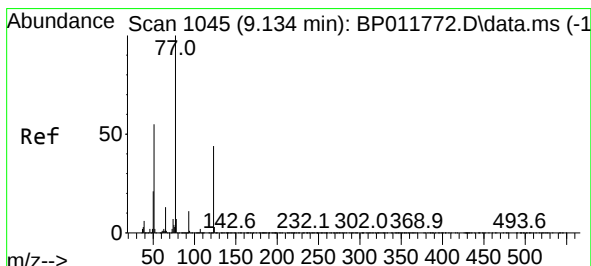
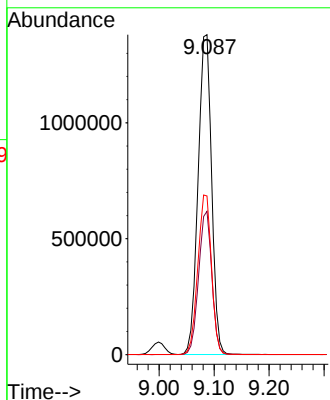
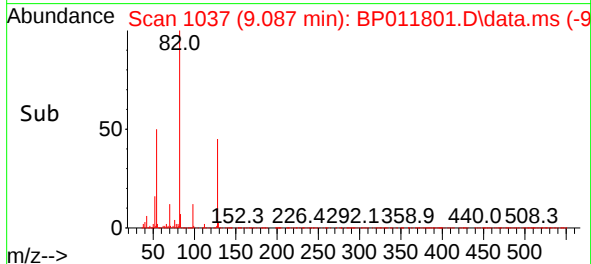
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



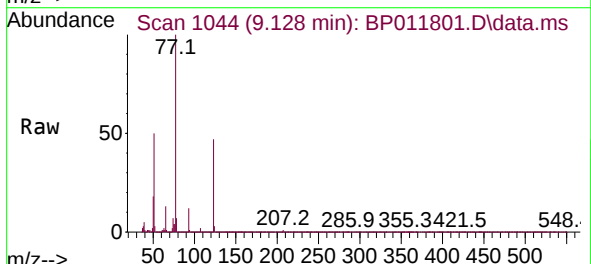
Tgt Ion: 82 Resp: 235448
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 49.6 43.1 64.7

Manual Integrations
APPROVED

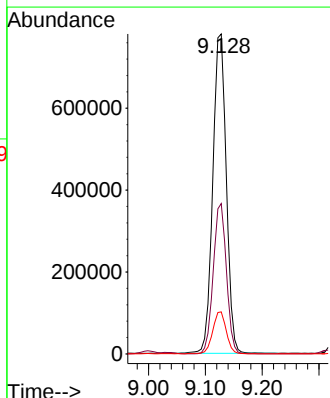
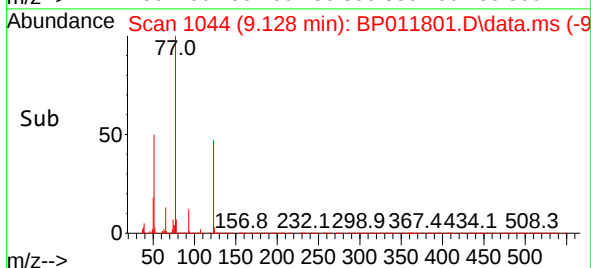
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

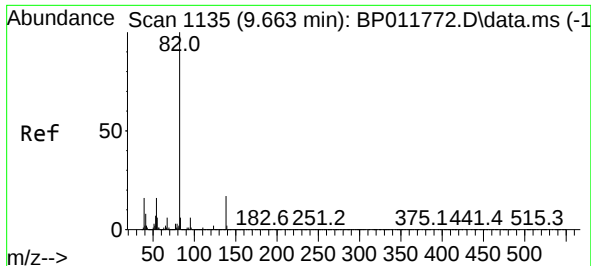


#24
Nitrobenzene
Concen: 48.092 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



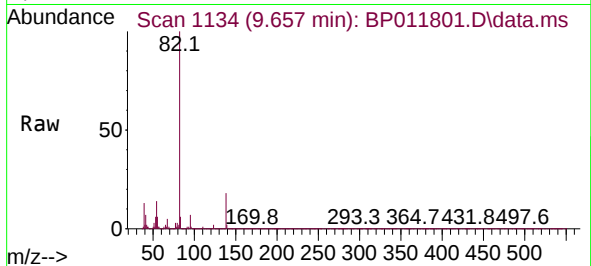
Tgt Ion: 77 Resp: 1288633
Ion Ratio Lower Upper
77 100
123 47.0 35.0 52.4
65 13.1 10.7 16.1





#25
Isophorone
Concen: 53.051 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

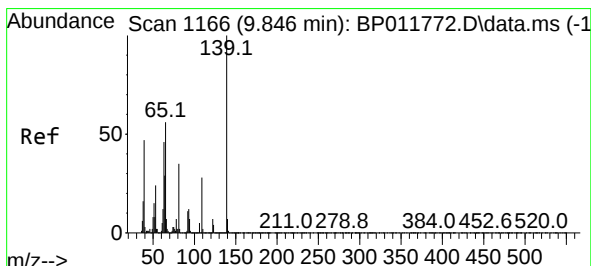
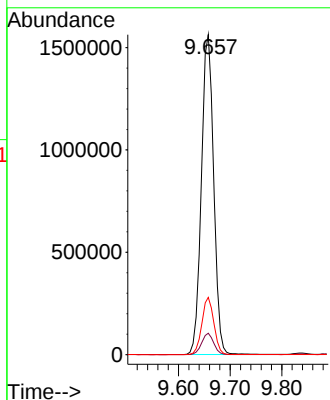
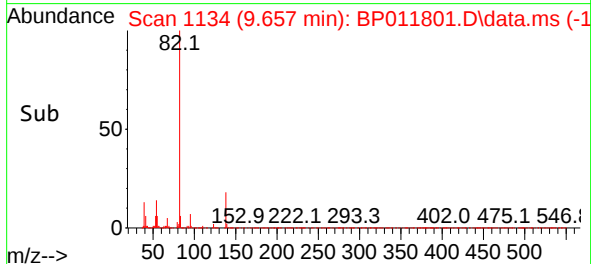
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 82 Resp: 2581059
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 17.9 13.6 20.4

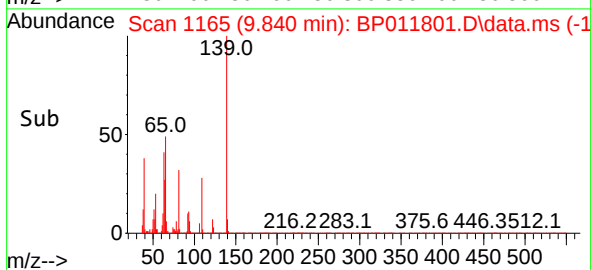
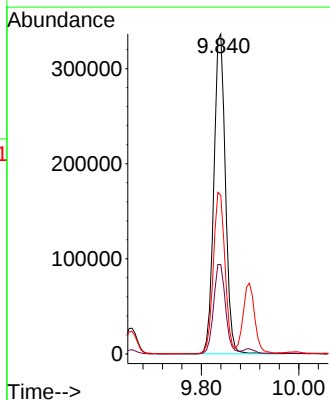
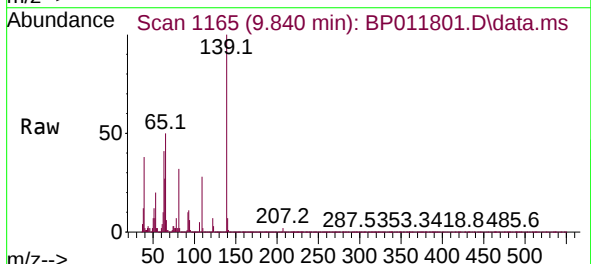
Manual Integrations
APPROVED

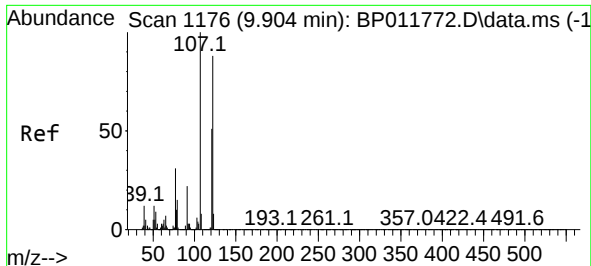
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#26
2-Nitrophenol
Concen: 50.992 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion:139 Resp: 554219
Ion Ratio Lower Upper
139 100
109 28.0 22.6 34.0
65 49.5 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 71.697 ng

RT: 9.899 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:122 Resp: 123196

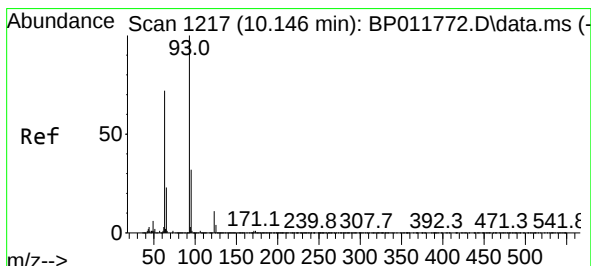
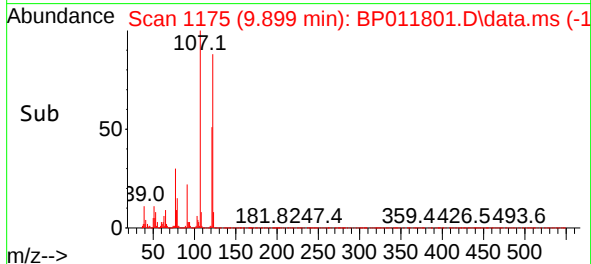
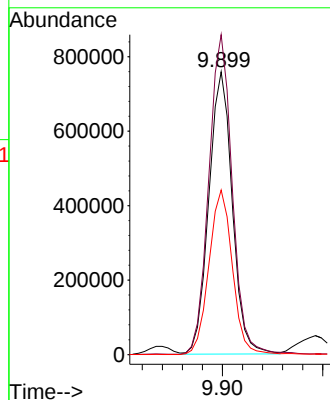
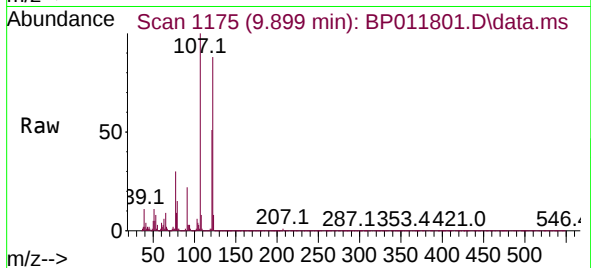
Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.2	136.8
121	58.2	46.8	70.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 56.662 ng

RT: 10.140 min Scan# 1216

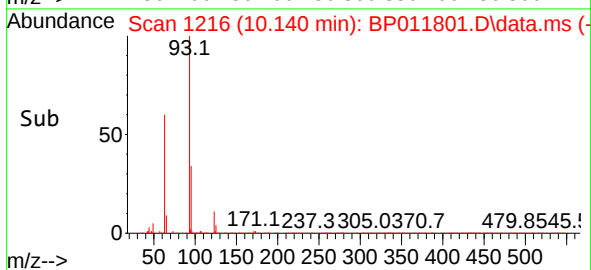
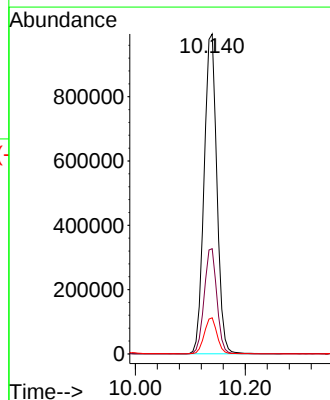
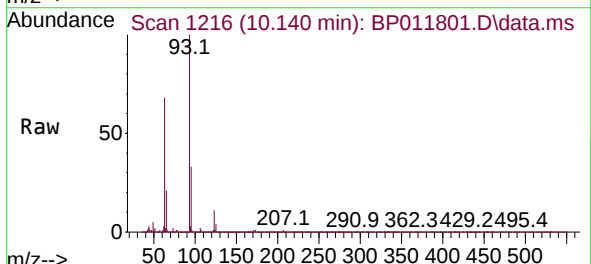
Delta R.T. -0.006 min

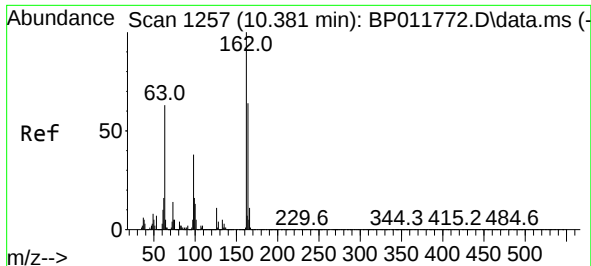
Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Tgt Ion: 93 Resp: 1606564

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.6	38.4
123	11.3	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 61.289 ng

RT: 10.369 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:162 Resp: 1126814

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

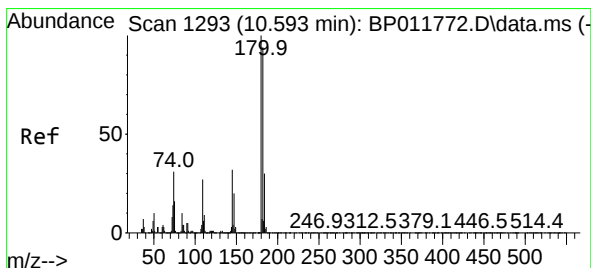
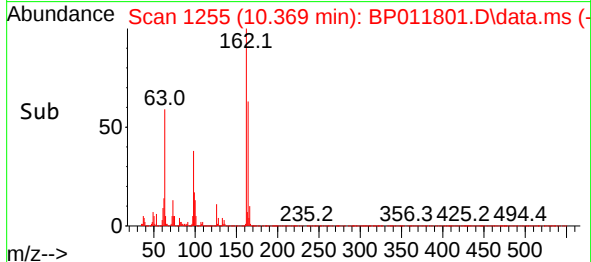
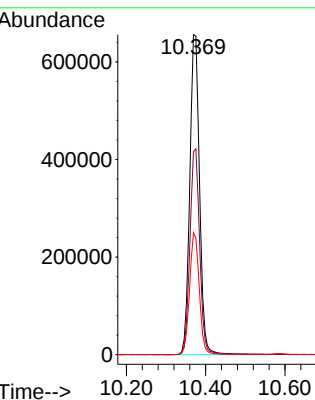
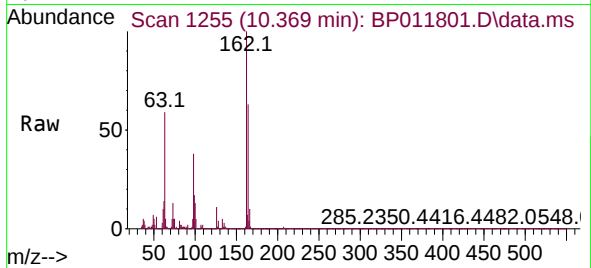
98 38.2 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.966 ng

RT: 10.587 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

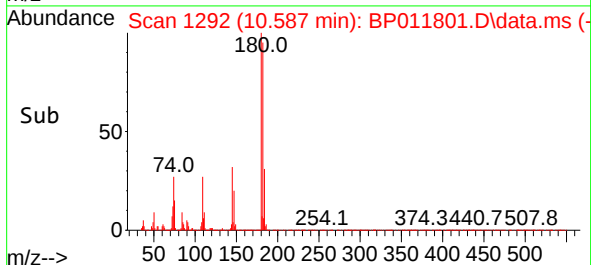
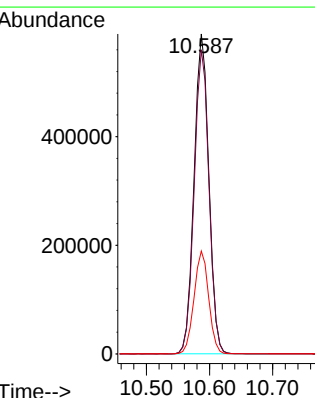
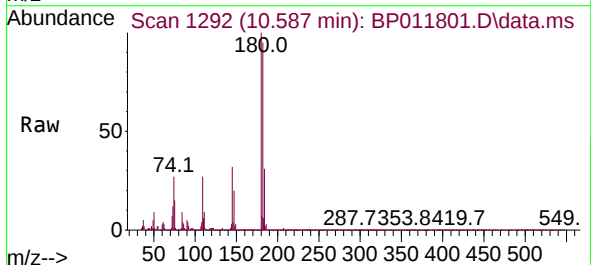
Tgt Ion:180 Resp: 956553

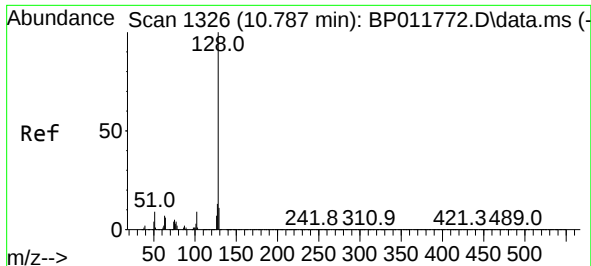
Ion Ratio Lower Upper

180 100

182 95.0 75.2 112.8

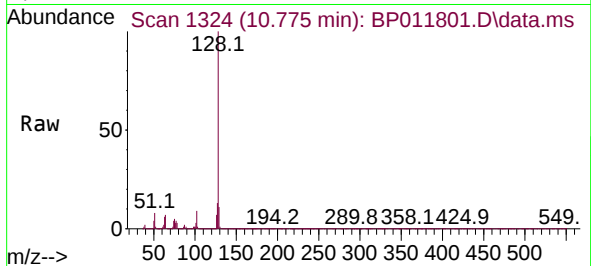
145 32.1 25.8 38.6





#31
Naphthalene
Concen: 48.431 ng
RT: 10.775 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

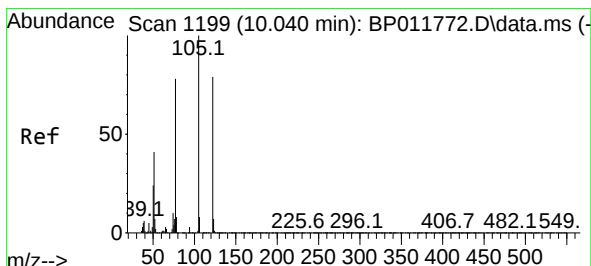
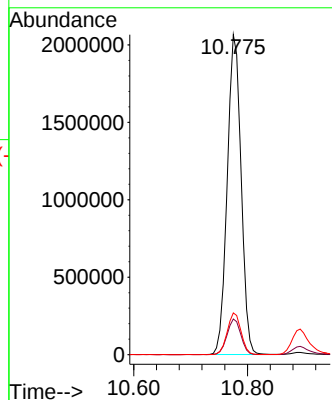
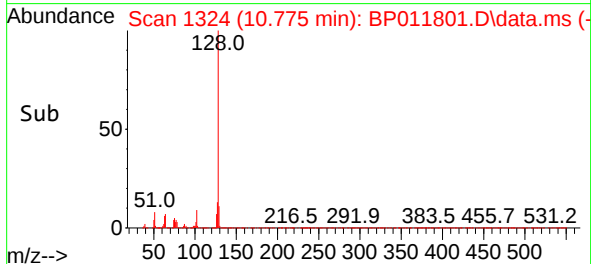
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:128 Resp: 3485249
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.5 15.7

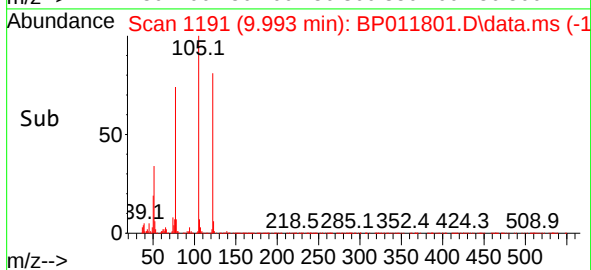
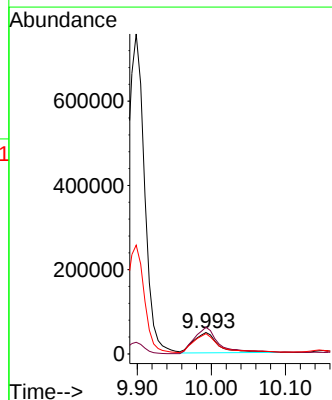
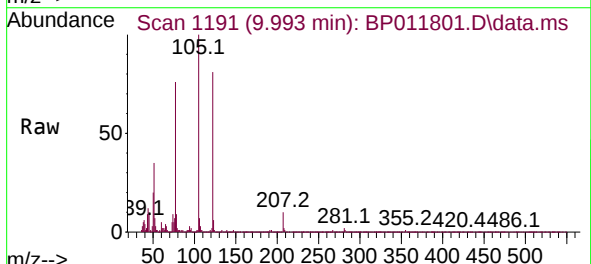
Manual Integrations
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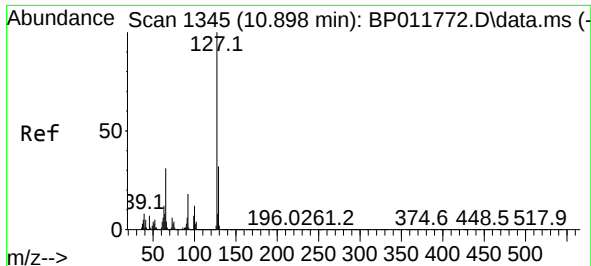
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#32
Benzoic acid
Concen: 13.360 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.047 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

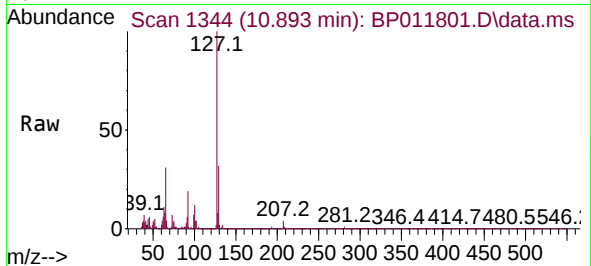
Tgt Ion:122 Resp: 113046
Ion Ratio Lower Upper
122 100
105 124.1 101.0 141.0
77 94.6 75.9 115.9





#33
4-Chloroaniline
Concen: 11.801 ng
RT: 10.893 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

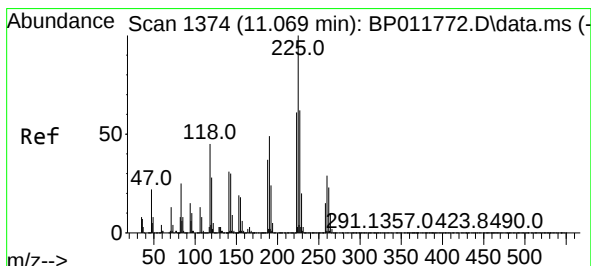
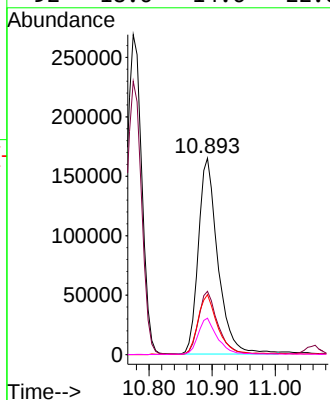
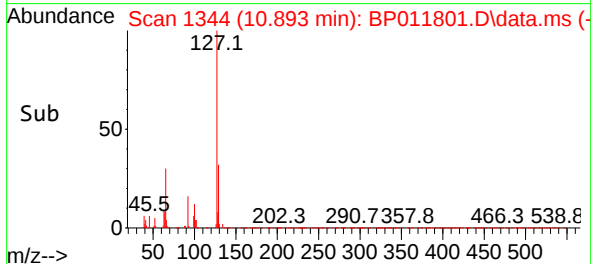
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:127 Resp: 35407
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 30.6 25.1 37.7
92 18.6 14.6 22.0

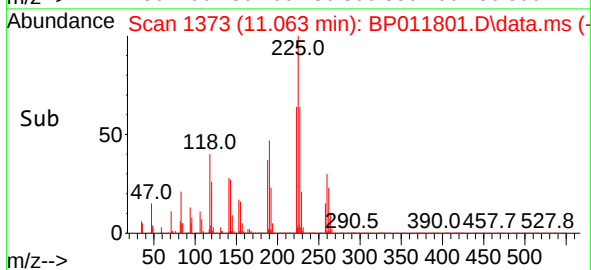
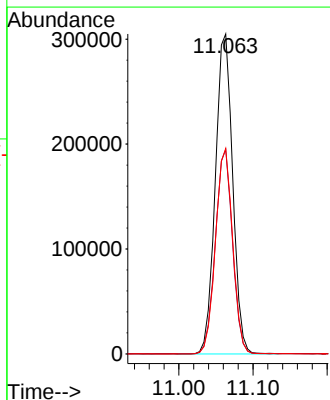
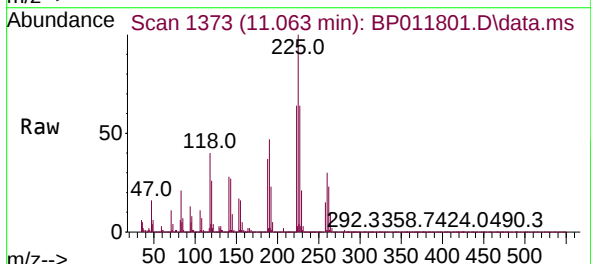
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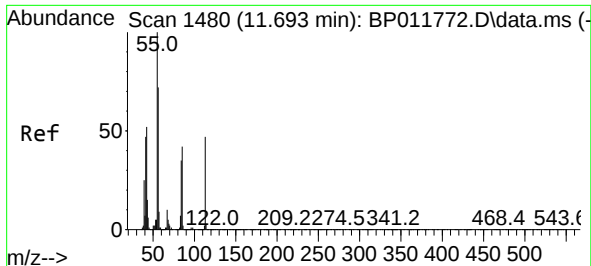
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 51.189 ng
RT: 11.063 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

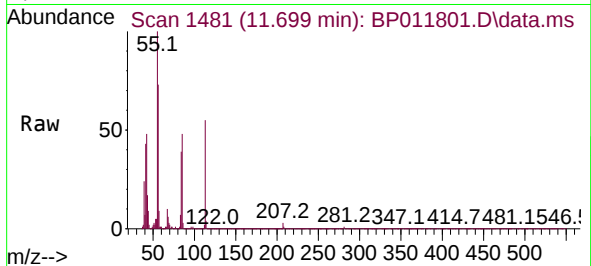
Tgt Ion:225 Resp: 494261
Ion Ratio Lower Upper
225 100
223 63.9 49.0 73.4
227 64.2 49.6 74.4





#35
Caprolactam
Concen: 49.595 ng m
RT: 11.699 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

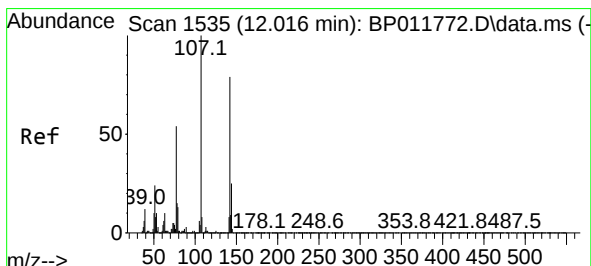
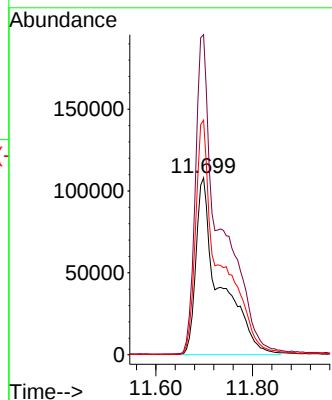
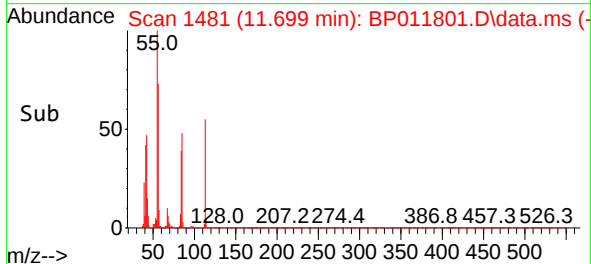
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:113 Resp: 370574
Ion Ratio Lower Upper
113 100
55 181.0 191.1 231.1
56 132.7 131.1 171.1

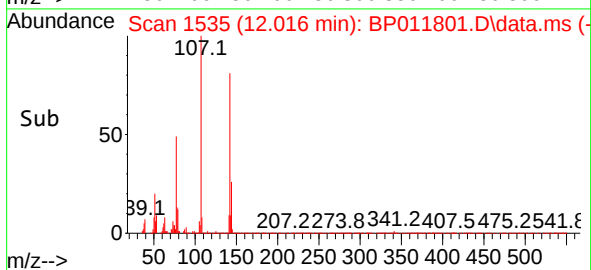
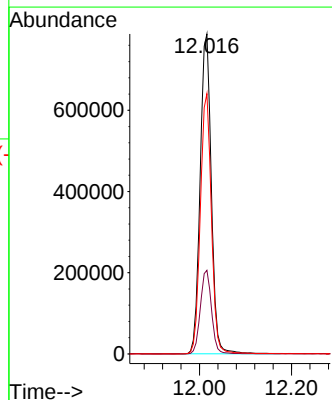
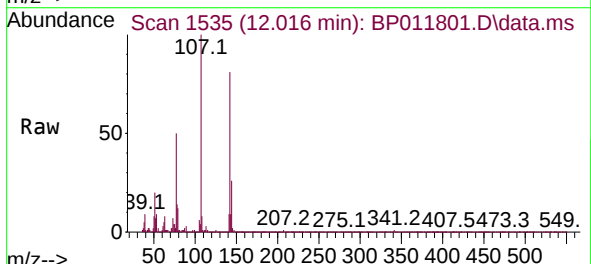
Manual Integrations
APPROVED

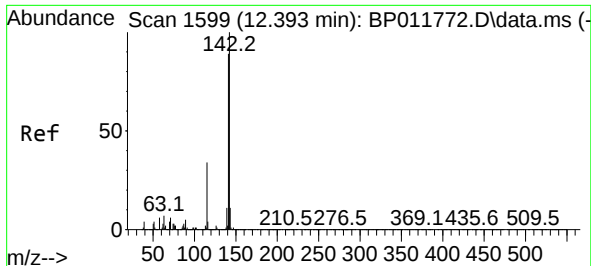
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#36
4-Chloro-3-methylphenol
Concen: 59.211 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

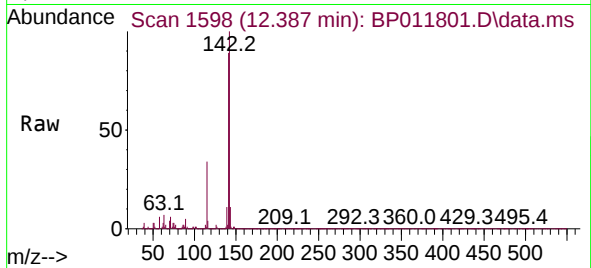
Tgt Ion:107 Resp: 1321199
Ion Ratio Lower Upper
107 100
144 26.1 20.2 30.2
142 81.3 63.5 95.3





#37
2-Methylnaphthalene
Concen: 50.087 ng
RT: 12.387 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

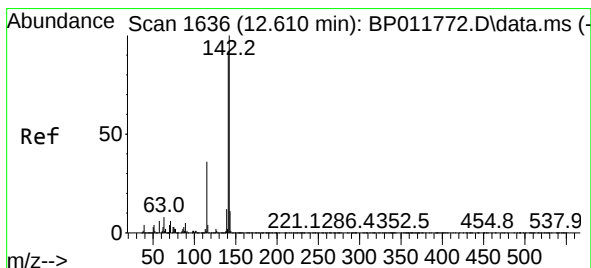
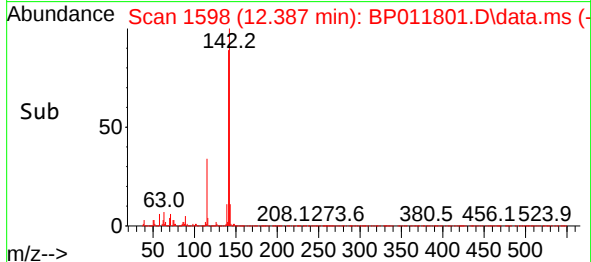
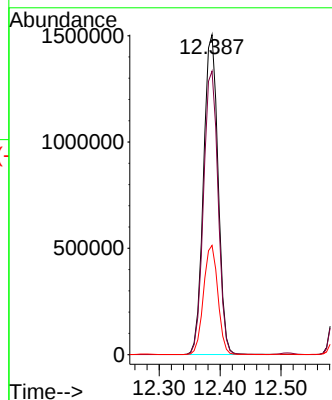
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:142 Resp: 248913
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7
115 34.1 27.4 41.0

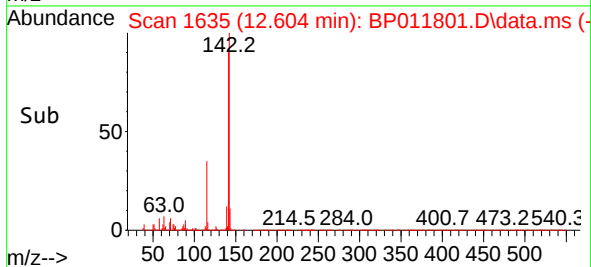
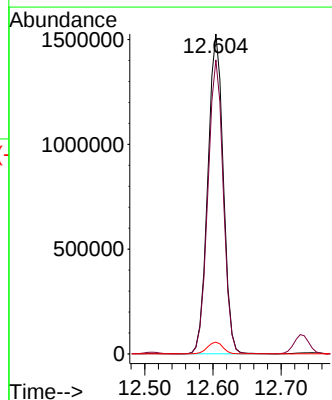
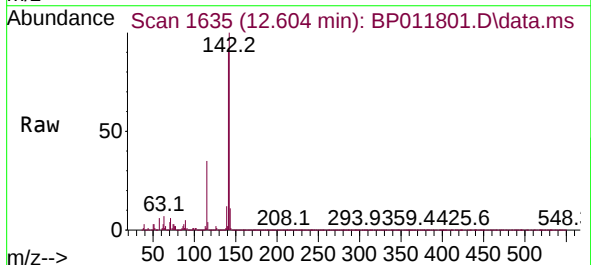
Manual Integrations
APPROVED

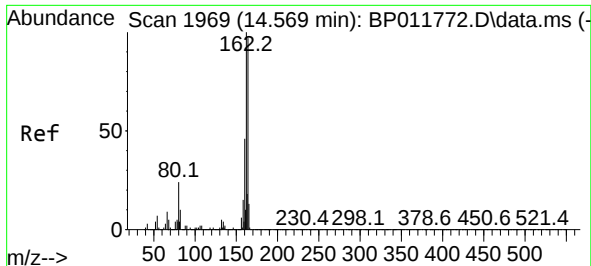
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#38
1-Methylnaphthalene
Concen: 49.081 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

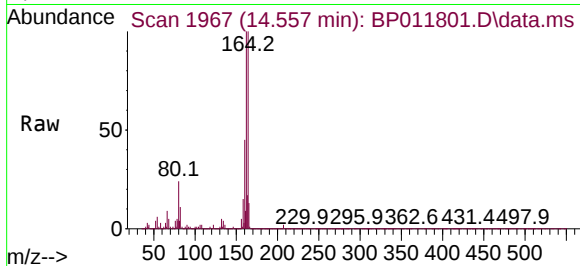
Tgt Ion:142 Resp: 2401956
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

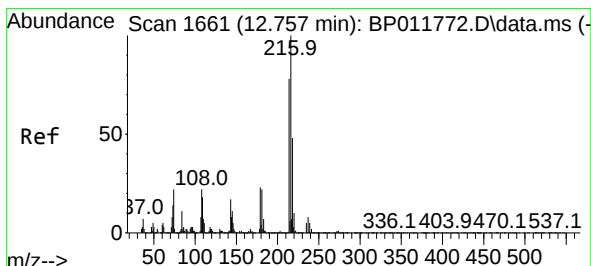
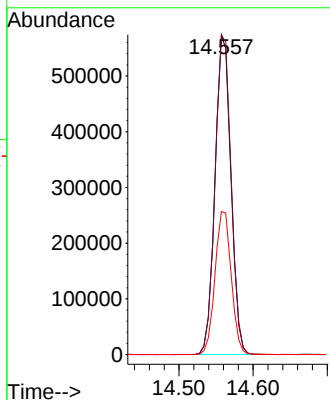
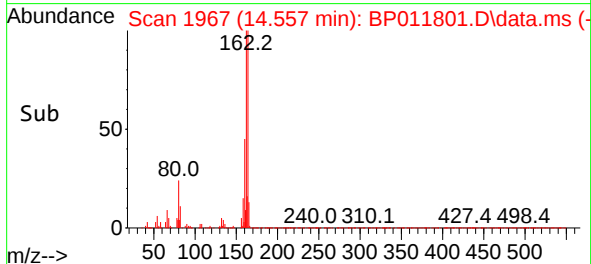
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



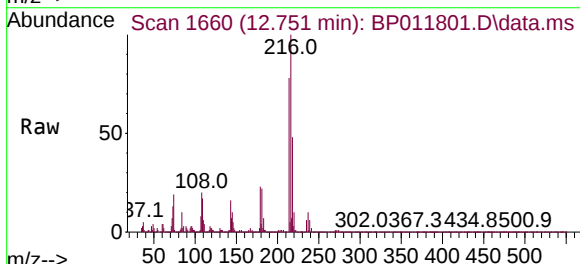
Tgt Ion:164 Resp: 853282
Ion Ratio Lower Upper
164 100
162 100.2 82.5 123.7
160 44.8 37.8 56.6

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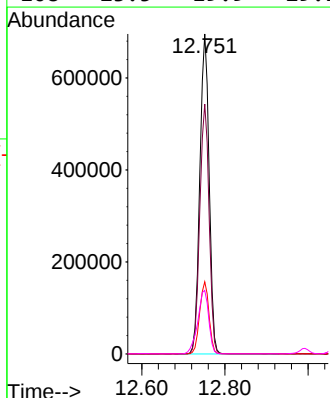
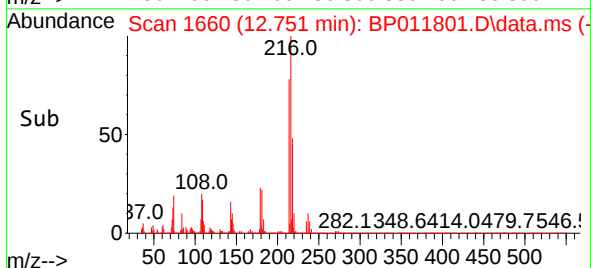
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

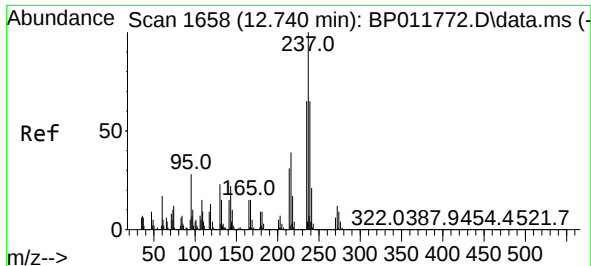


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.993 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



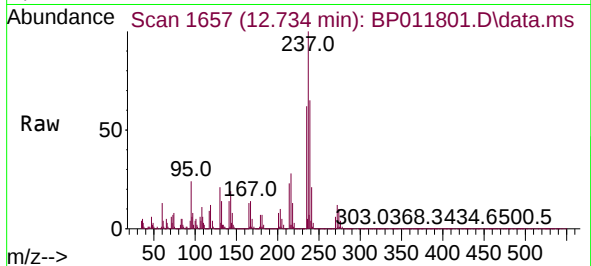
Tgt Ion:216 Resp: 1076747
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 22.6 18.5 27.7
108 23.5 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 97.531 ng
RT: 12.734 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

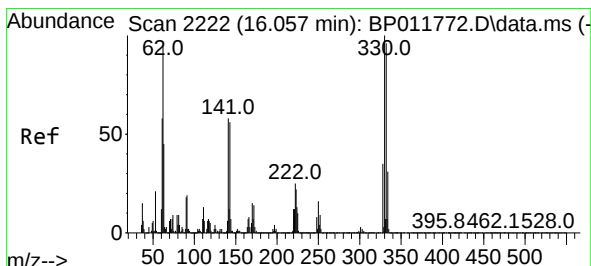
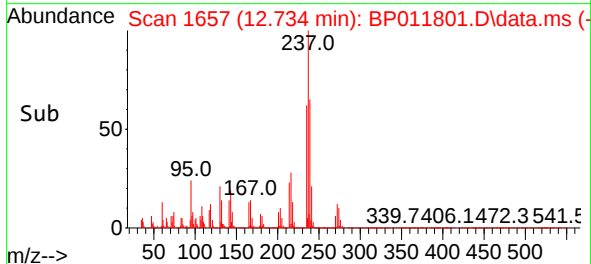
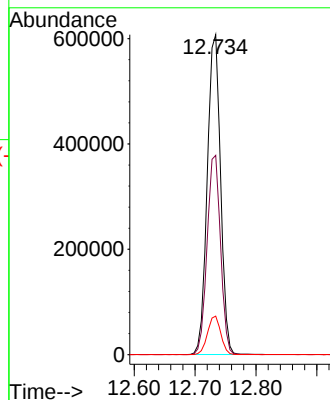
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 237 Resp: 919819
Ion Ratio Lower Upper
237 100
235 62.3 45.5 85.5
272 12.0 0.0 31.6

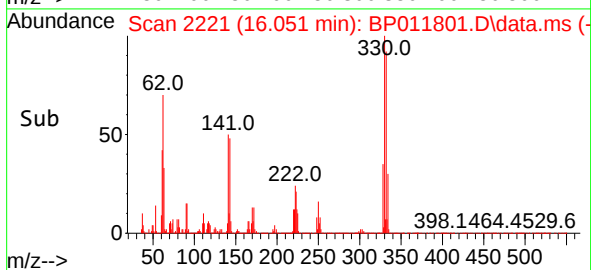
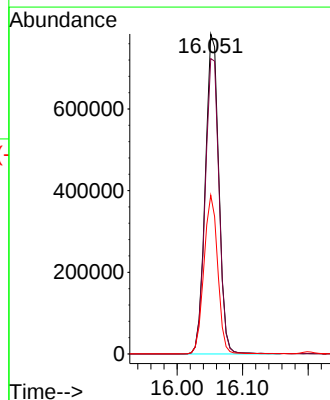
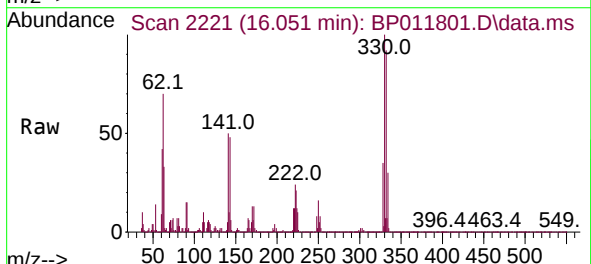
Manual Integrations
APPROVED

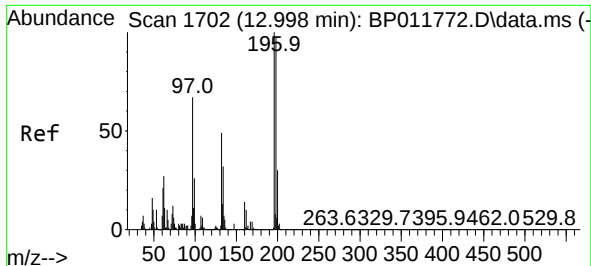
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022



#42
2,4,6-Tribromophenol
Concen: 194.748 ng
RT: 16.051 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

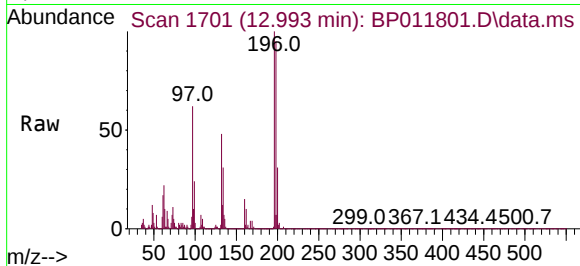
Tgt Ion: 330 Resp: 1118932
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 50.5 48.7 73.1





#43
2,4,6-Trichlorophenol
Concen: 60.013 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

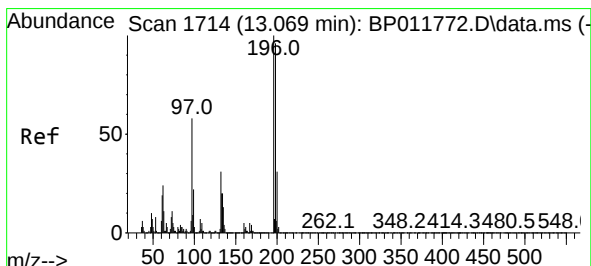
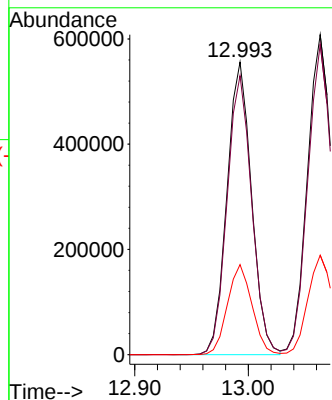
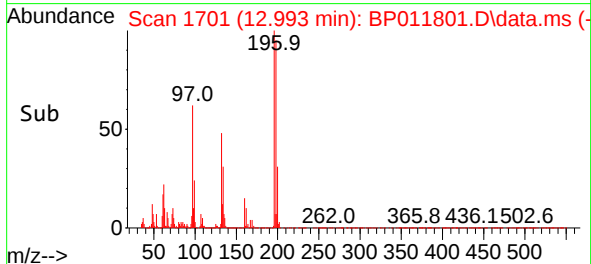
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



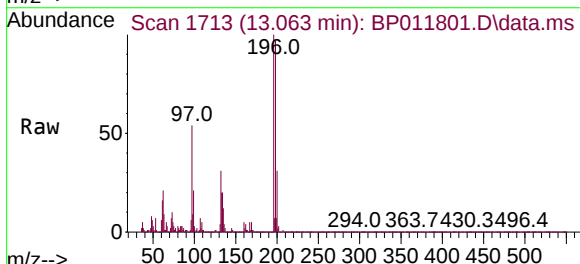
Tgt Ion:196 Resp: 835389
Ion Ratio Lower Upper
196 100
198 95.4 77.8 116.6
200 30.8 24.3 36.5

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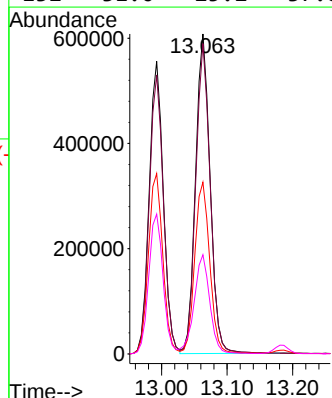
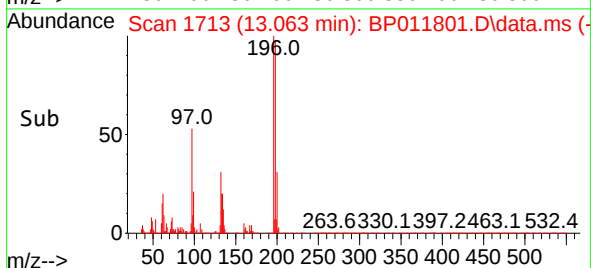
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

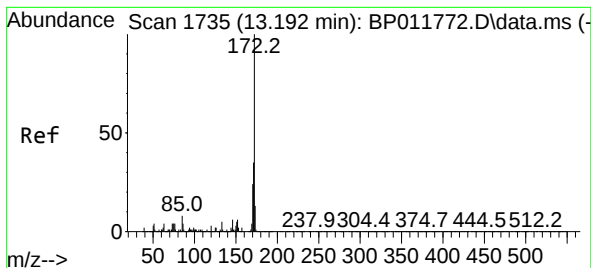


#44
2,4,5-Trichlorophenol
Concen: 58.738 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



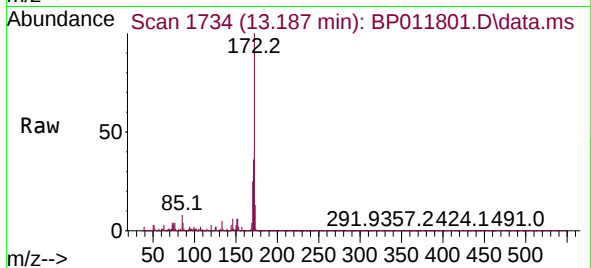
Tgt Ion:196 Resp: 939784
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
97 53.6 46.2 69.4
132 31.0 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 93.549 ng
RT: 13.187 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

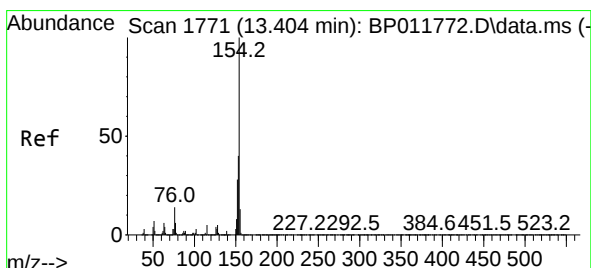
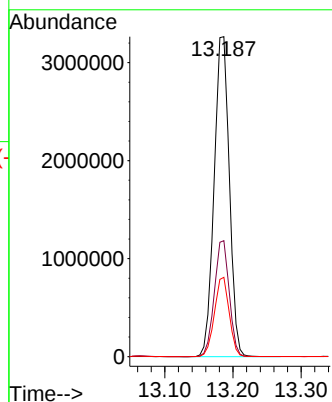
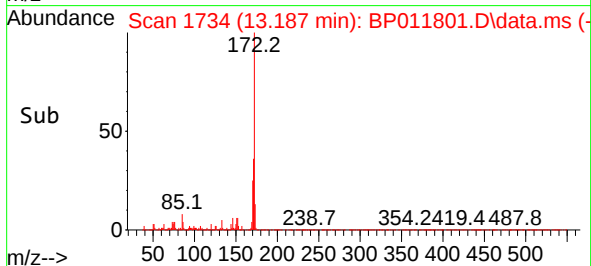
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



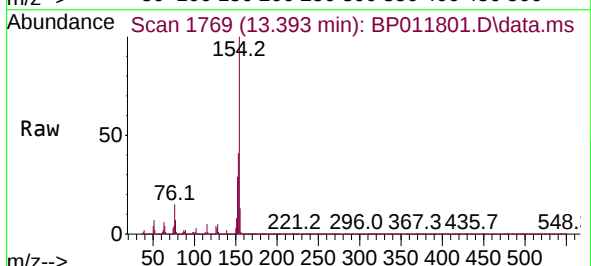
Tgt Ion:172 Resp: 5047679
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.8 19.5 29.3

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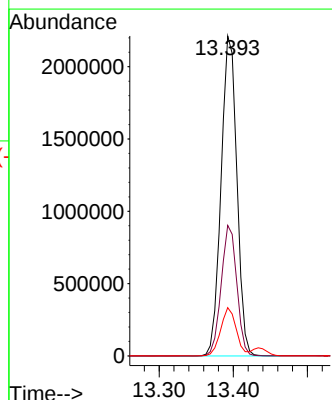
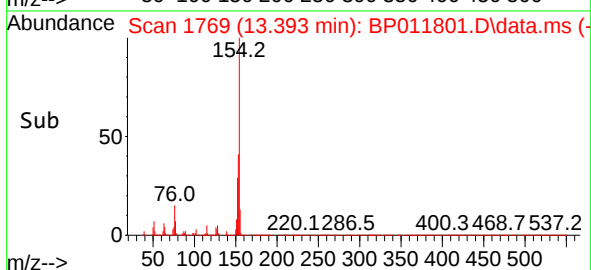
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

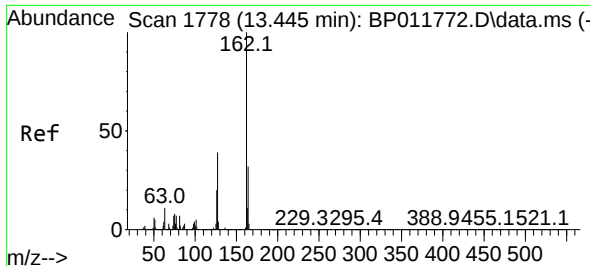


#46
1,1'-Biphenyl
Concen: 52.749 ng
RT: 13.393 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



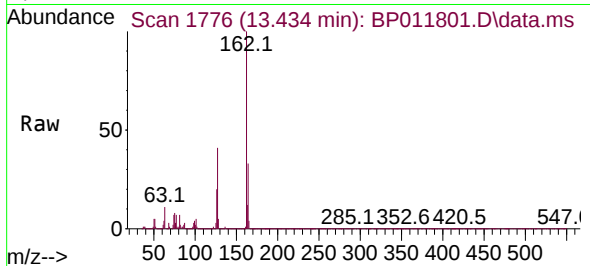
Tgt Ion:154 Resp: 3270195
Ion Ratio Lower Upper
154 100
153 40.8 19.5 59.5
76 15.1 0.0 34.2





#47
2-Chloronaphthalene
Concen: 51.001 ng
RT: 13.434 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

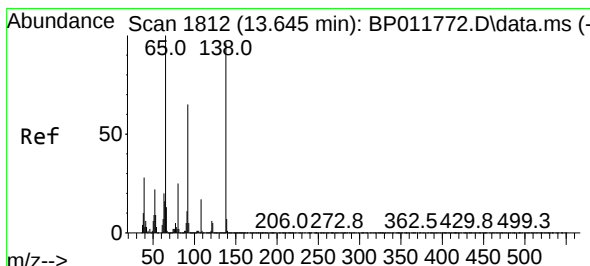
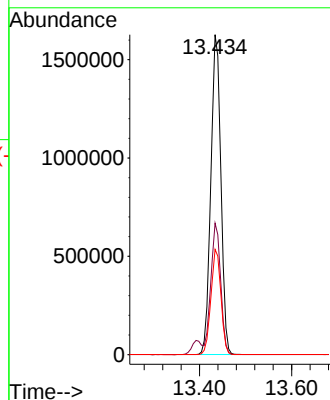
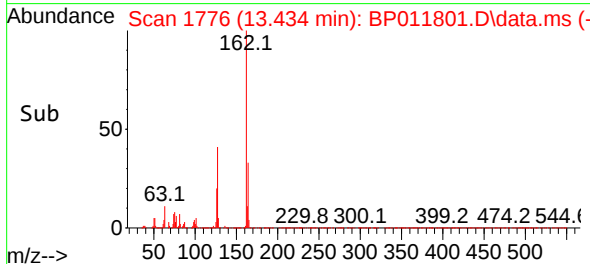
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 162 Resp: 2452508
Ion Ratio Lower Upper
162 100
127 41.1 31.5 47.3
164 32.9 25.9 38.9

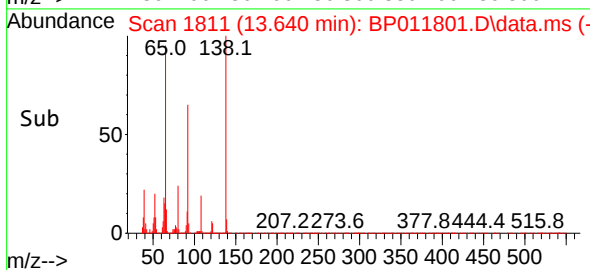
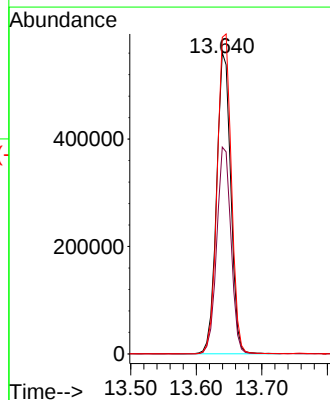
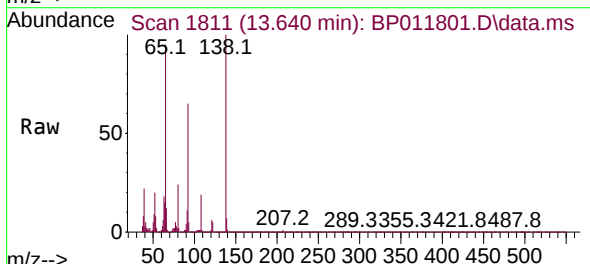
Manual Integrations
APPROVED

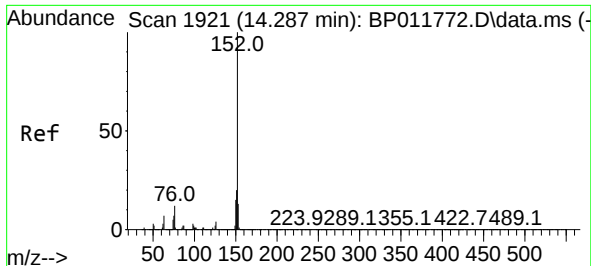
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#48
2-Nitroaniline
Concen: 49.289 ng
RT: 13.640 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

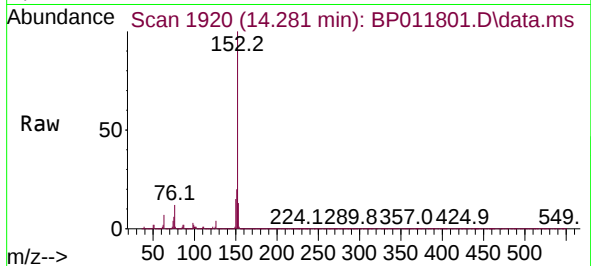
Tgt Ion: 65 Resp: 845059
Ion Ratio Lower Upper
65 100
92 68.7 52.3 78.5
138 105.1 76.5 114.7





#49
Acenaphthylene
Concen: 51.517 ng
RT: 14.281 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

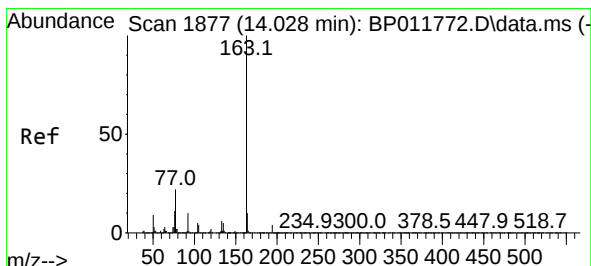
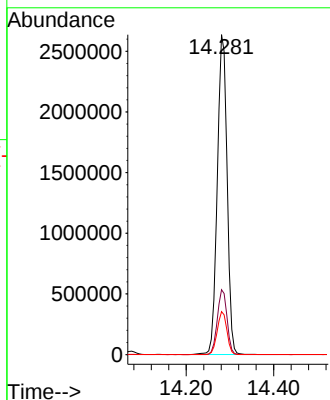
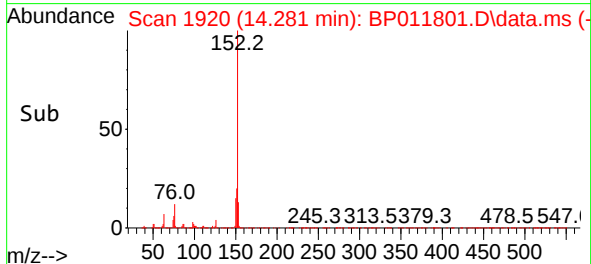
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



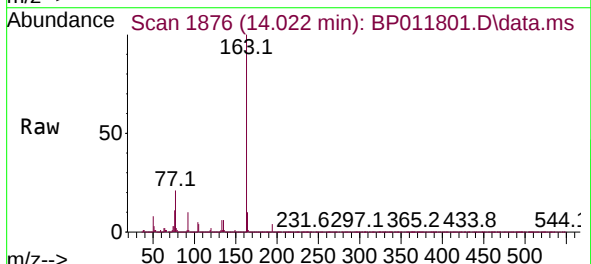
Tgt Ion:152 Resp: 4112025
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.6 16.0

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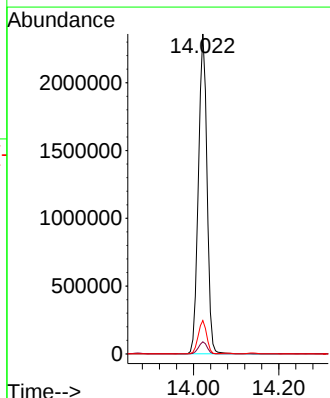
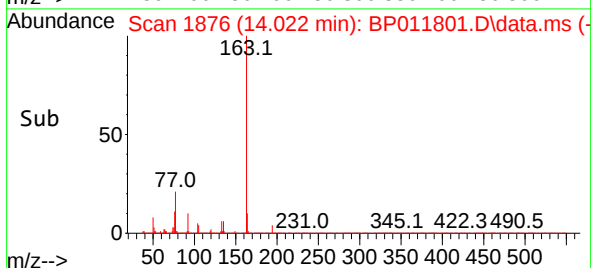
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

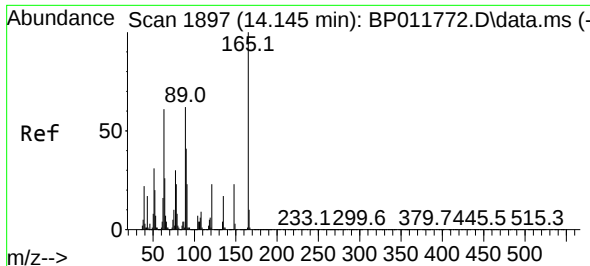


#50
Dimethylphthalate
Concen: 52.723 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



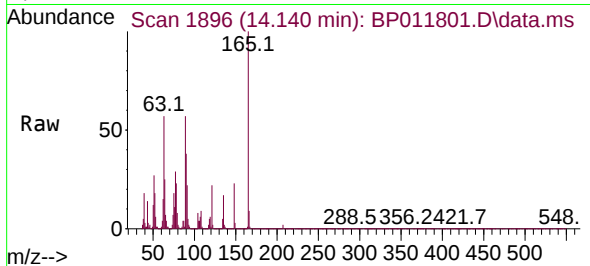
Tgt Ion:163 Resp: 3298529
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 55.660 ng
RT: 14.140 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

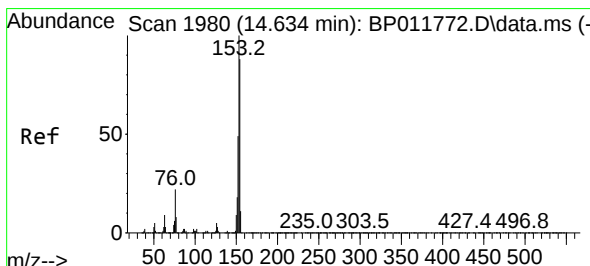
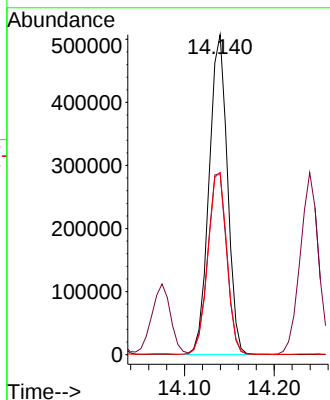
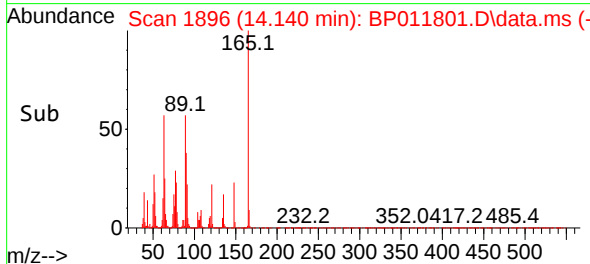
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:165 Resp: 718974
Ion Ratio Lower Upper
165 100
63 56.6 51.0 76.4
89 56.9 49.3 73.9

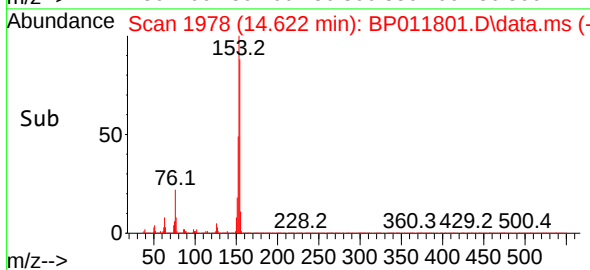
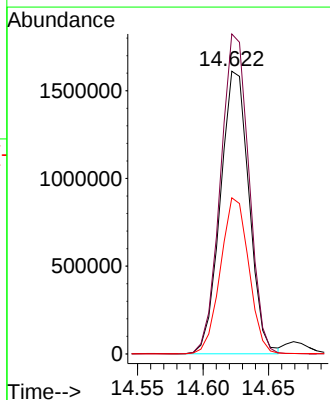
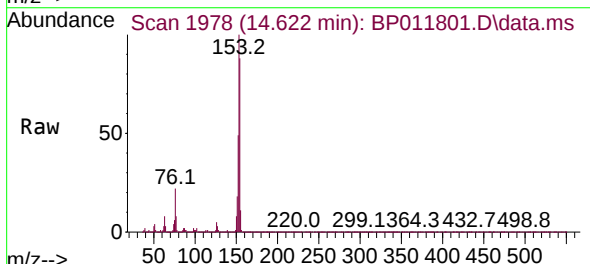
Manual Integrations
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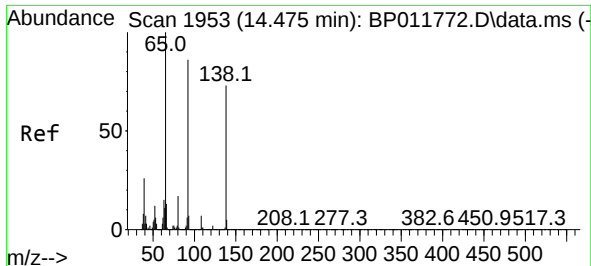
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#52
Acenaphthene
Concen: 50.080 ng
RT: 14.622 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

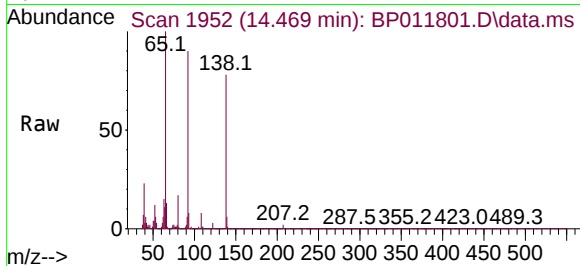
Tgt Ion:154 Resp: 2451543
Ion Ratio Lower Upper
154 100
153 113.2 90.8 136.2
152 55.2 44.6 66.8





#53
3-Nitroaniline
Concen: 34.317 ng
RT: 14.469 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

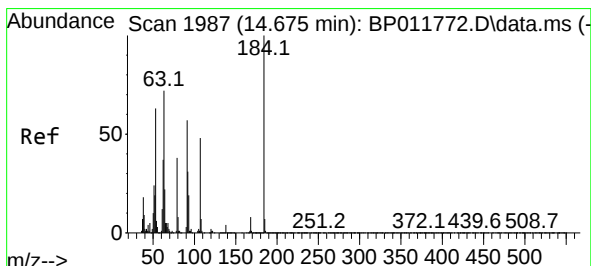
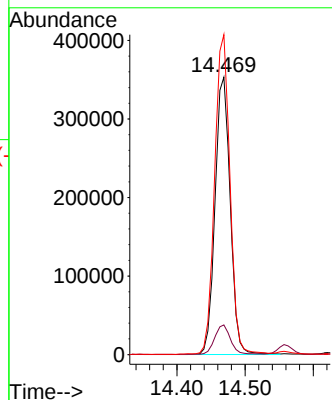
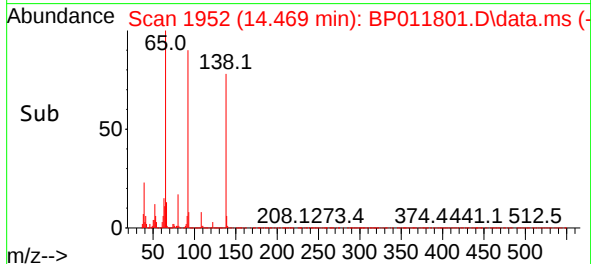
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:138 Resp: 542919
Ion Ratio Lower Upper
138 100
108 10.7 7.6 11.4
92 115.3 94.6 142.0

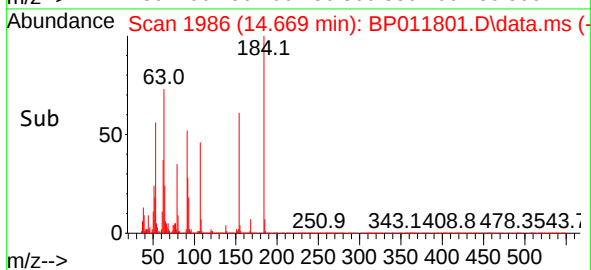
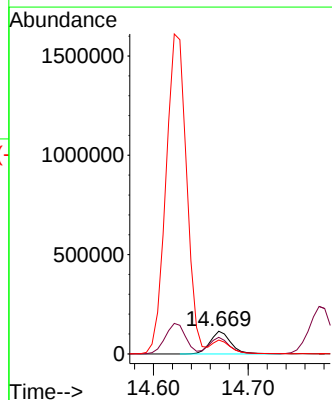
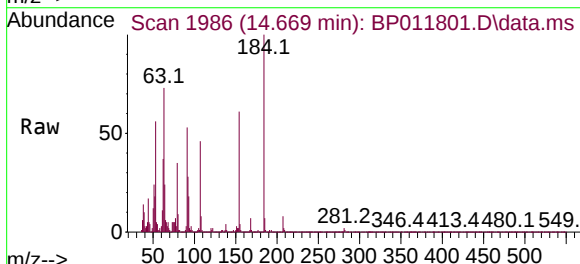
Manual Integrations
APPROVED

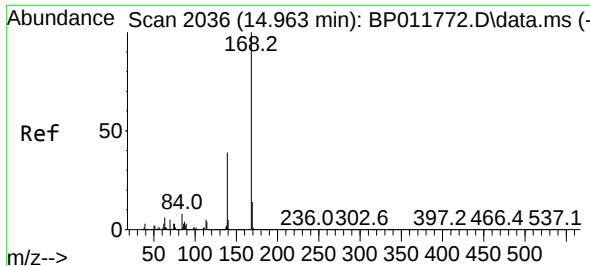
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#54
2,4-Dinitrophenol
Concen: 29.764 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

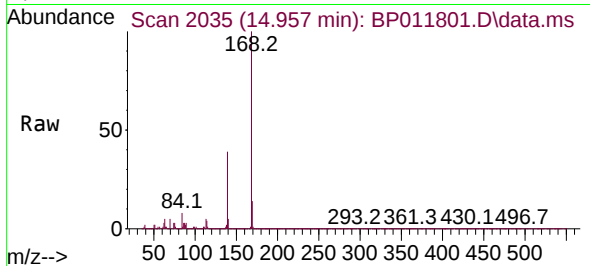
Tgt Ion:184 Resp: 171593
Ion Ratio Lower Upper
184 100
63 73.1 65.7 98.5
154 61.2 48.2 72.4





#55
Dibenzenofuran
Concen: 51.004 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

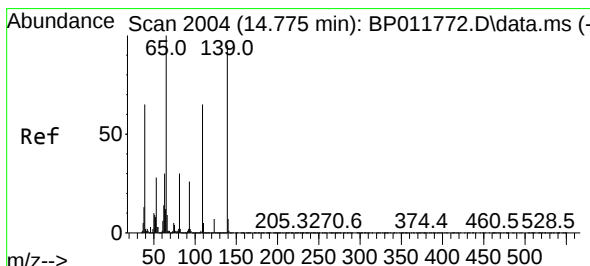
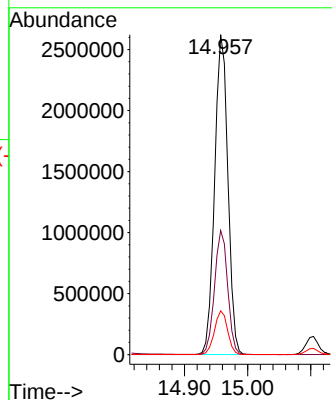
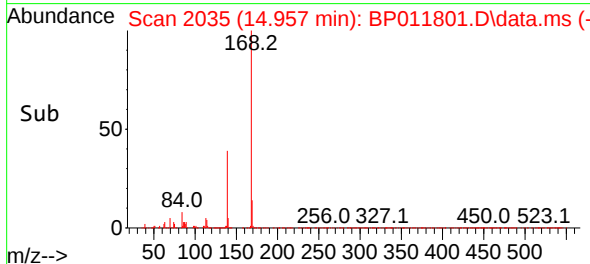
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:168 Resp: 382685
Ion Ratio Lower Upper
168 100
139 38.8 31.3 46.9
169 13.7 11.0 16.4

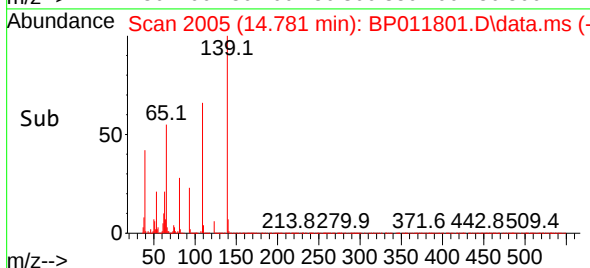
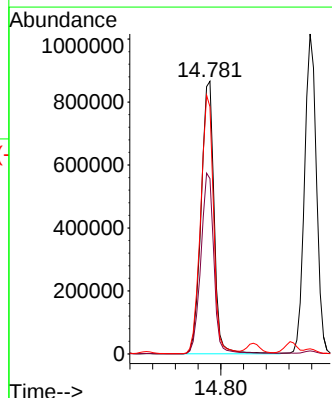
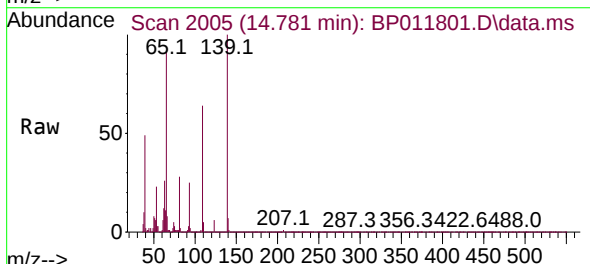
Manual Integrations
APPROVED

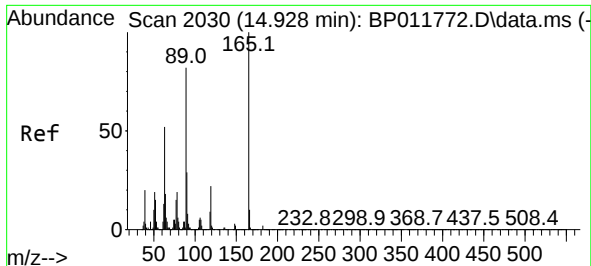
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#56
4-Nitrophenol
Concen: 104.363 ng
RT: 14.781 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

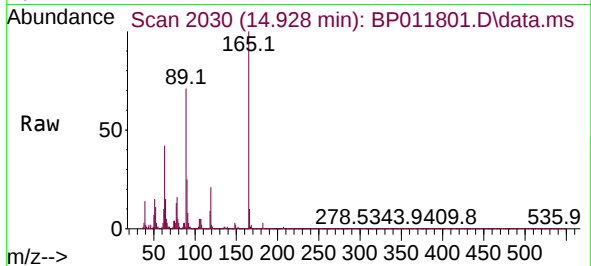
Tgt Ion:139 Resp: 1371140
Ion Ratio Lower Upper
139 100
109 64.3 48.3 88.3
65 90.7 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 51.636 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

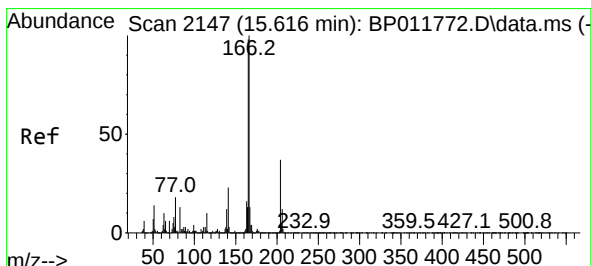
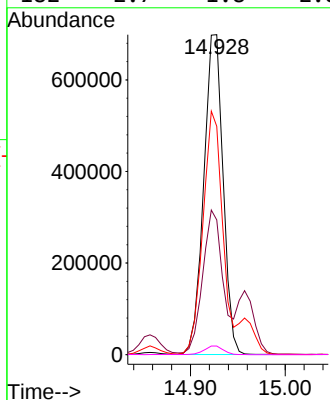
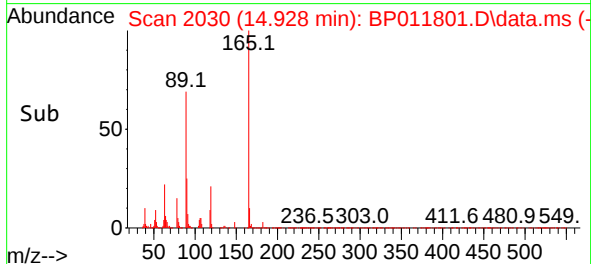
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:165 Resp: 994609
Ion Ratio Lower Upper
165 100
63 42.1 41.4 62.2
89 71.3 66.0 99.0
182 2.7 1.8 2.8

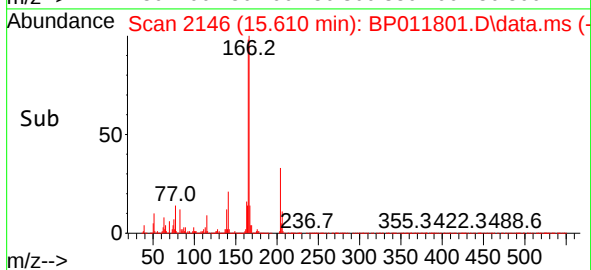
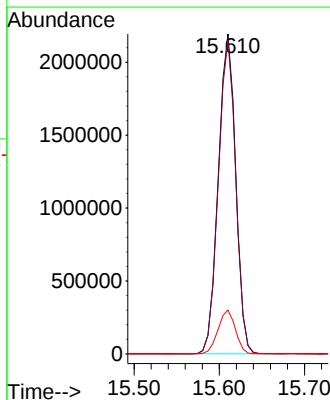
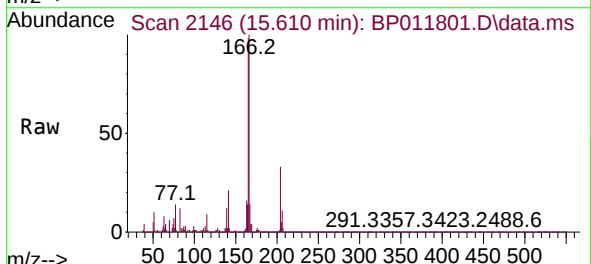
Manual Integrations
APPROVED

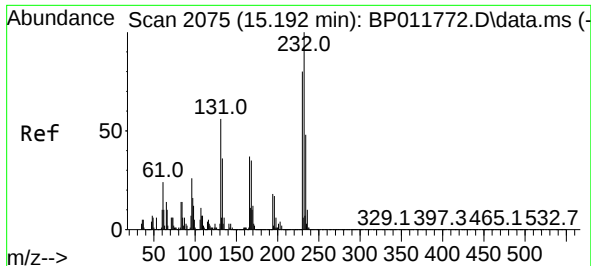
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#58
Fluorene
Concen: 48.838 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

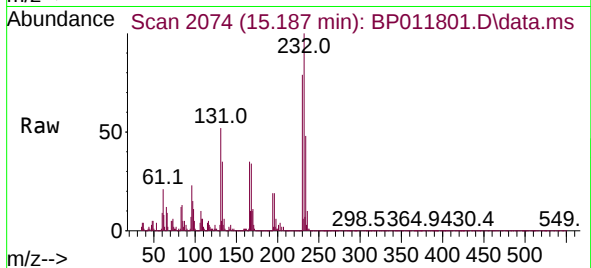
Tgt Ion:166 Resp: 3108804
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.056 ng m
RT: 15.187 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

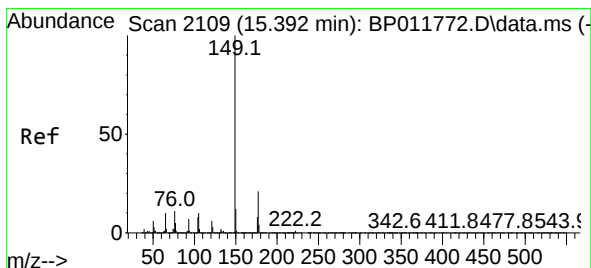
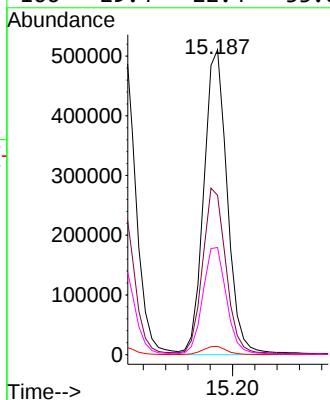
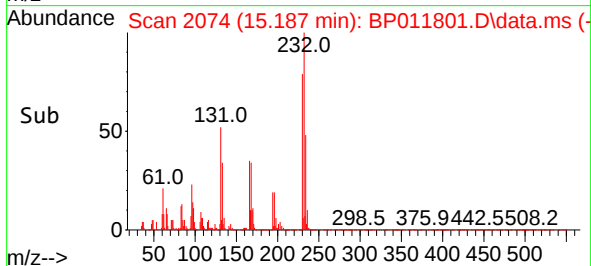
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



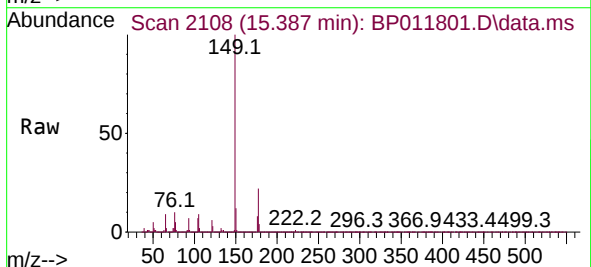
Tgt Ion:232 Resp: 745343
Ion Ratio Lower Upper
232 100
131 49.0 39.5 59.3
130 2.6 2.3 3.5
166 29.4 22.4 33.6

Manual Integrations
APPROVED

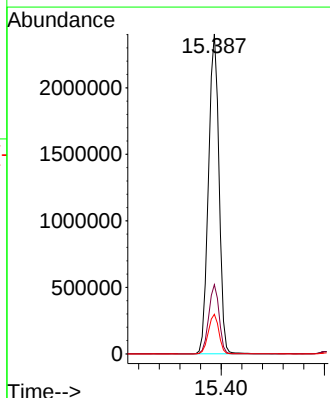
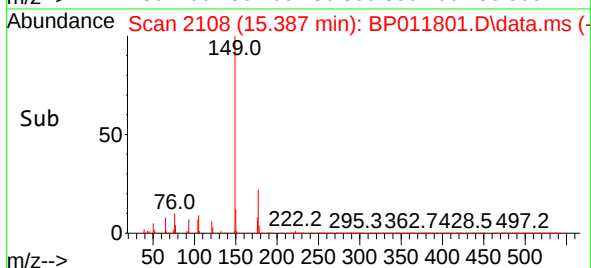
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

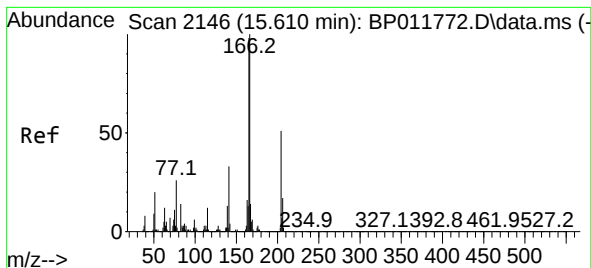


#60
Diethylphthalate
Concen: 51.920 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



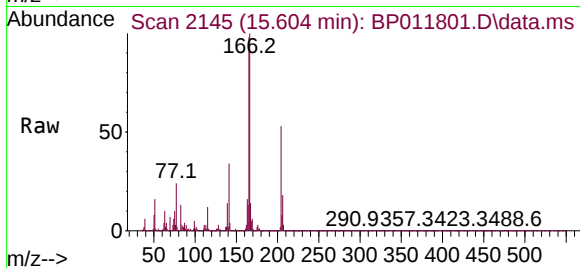
Tgt Ion:149 Resp: 3391698
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 53.207 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

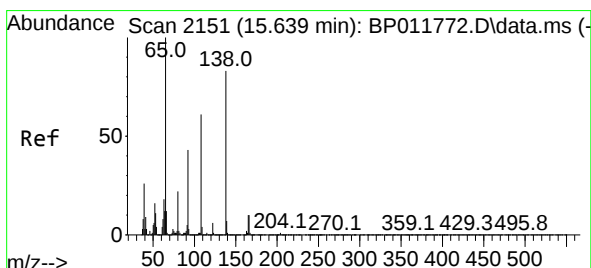
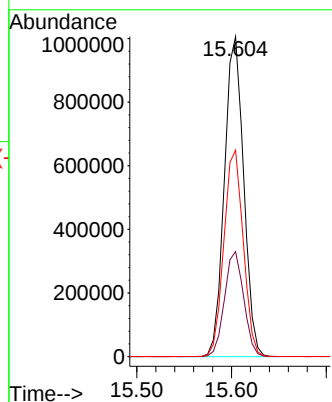
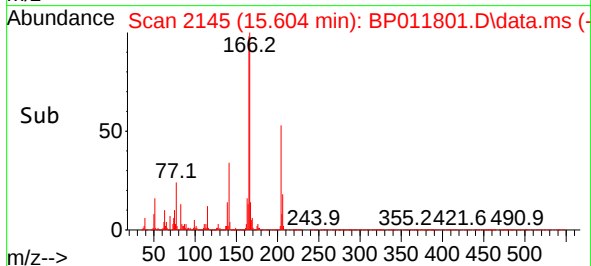
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 204 Resp: 1416058
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 64.5 51.4 77.2

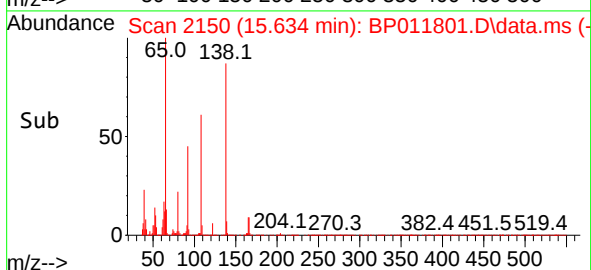
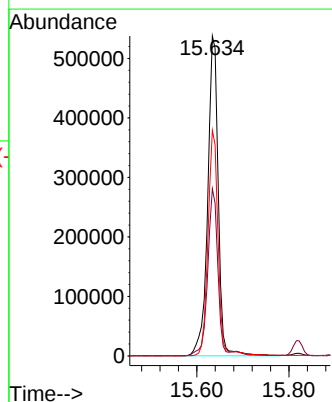
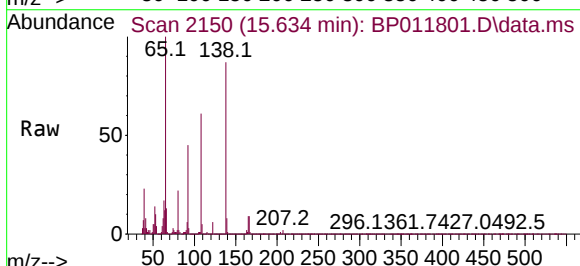
Manual Integrations
APPROVED

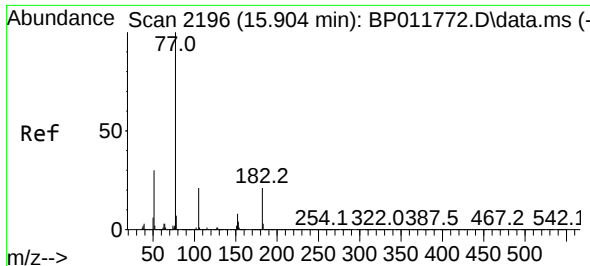
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022



#62
4-Nitroaniline
Concen: 46.113 ng
RT: 15.634 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

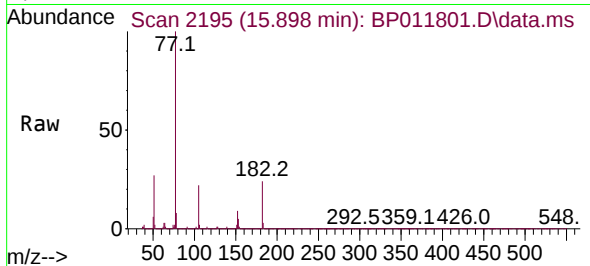
Tgt Ion: 138 Resp: 851150
Ion Ratio Lower Upper
138 100
92 52.2 31.9 71.9
108 70.5 53.3 93.3





#63
Azobenzene
Concen: 46.488 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

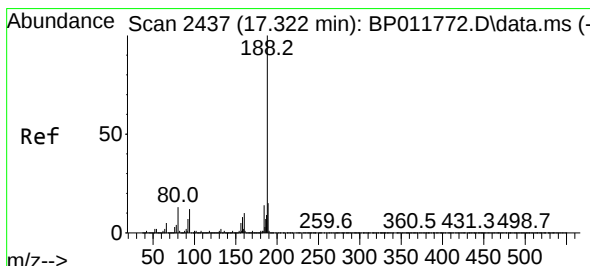
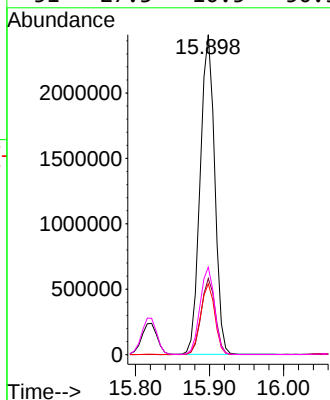
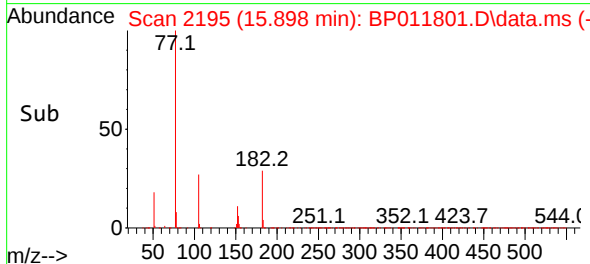
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion: 77 Resp: 3325296
Ion Ratio Lower Upper
77 100
182 23.8 1.3 41.3
105 22.1 0.5 40.5
51 27.3 10.5 50.5

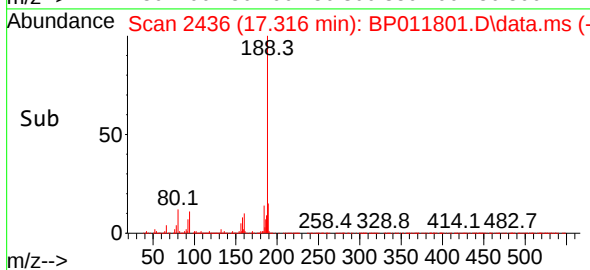
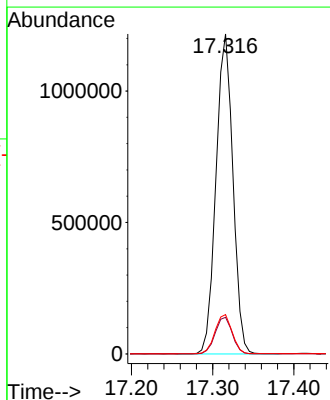
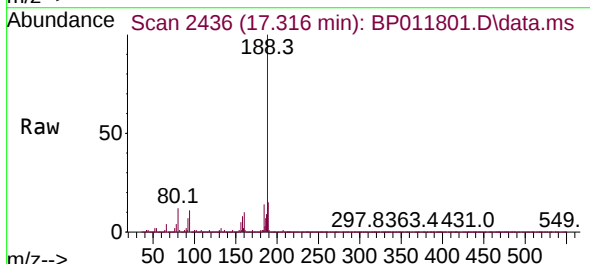
Manual Integrations
APPROVED

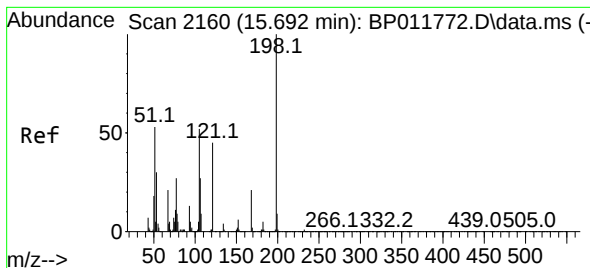
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

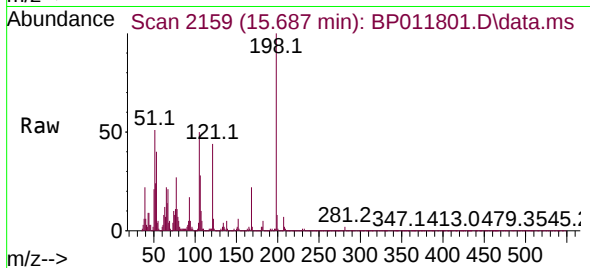
Tgt Ion:188 Resp: 1755037
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.0
80 12.3 10.6 15.8





#65
4,6-Dinitro-2-methylphenol
Concen: 26.014 ng
RT: 15.687 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

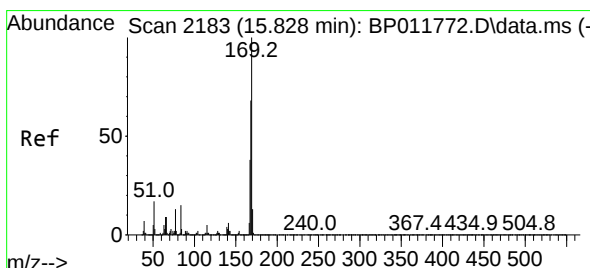
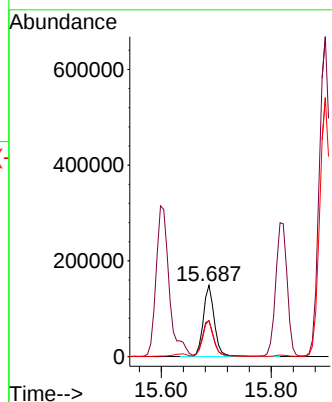
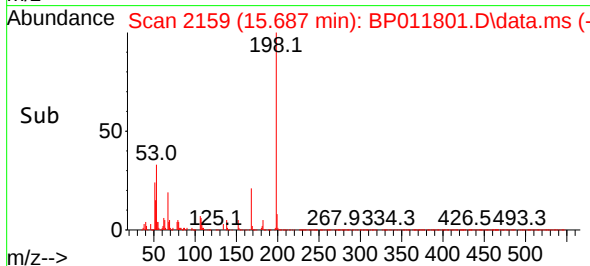
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:198 Resp: 205448
Ion Ratio Lower Upper
198 100
51 50.5 41.6 81.6
105 50.5 33.2 73.2

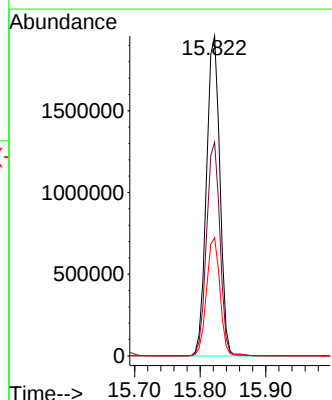
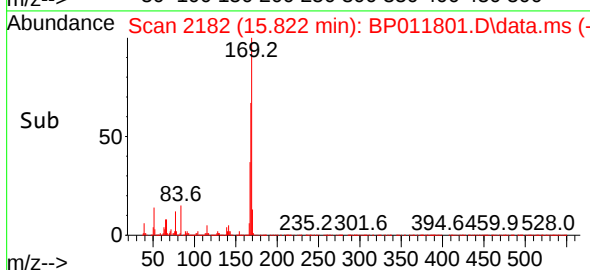
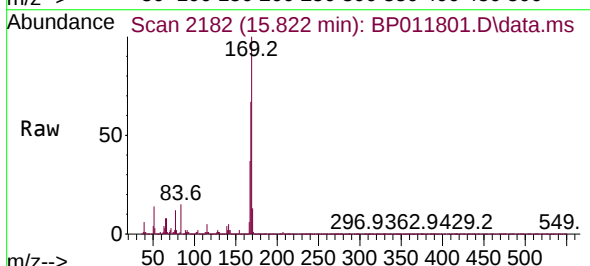
Manual Integrations
APPROVED

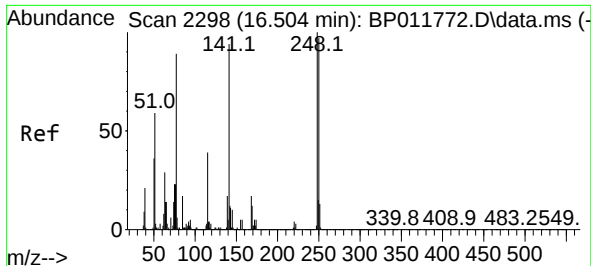
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 52.904 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

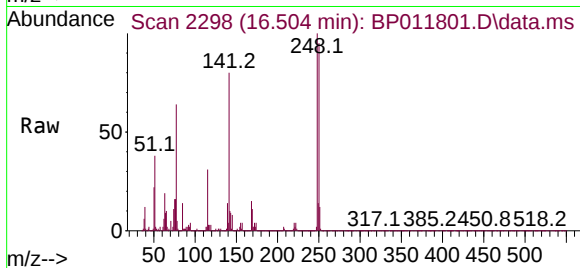
Tgt Ion:169 Resp: 2766557
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 36.9 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 58.392 ng
RT: 16.504 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

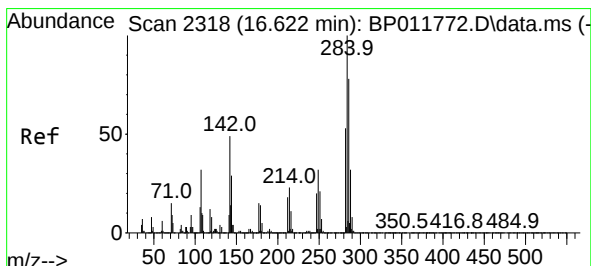
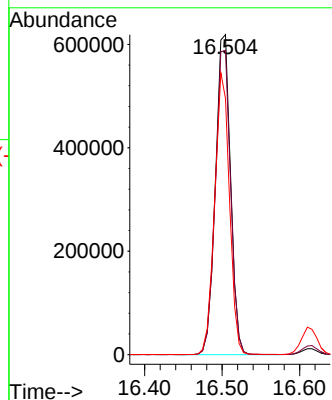
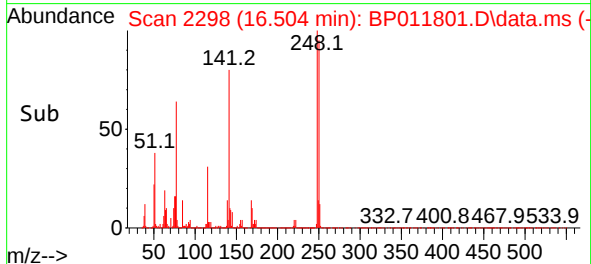
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:248 Resp: 840413
Ion Ratio Lower Upper
248 100
250 95.1 77.6 116.4
141 80.0 75.4 113.0

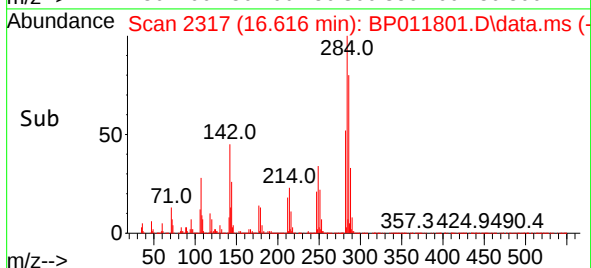
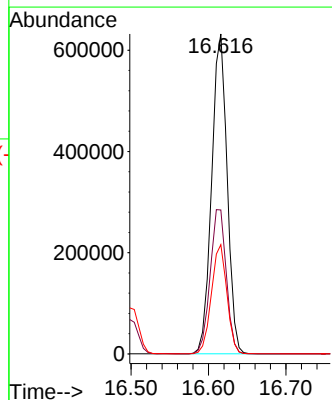
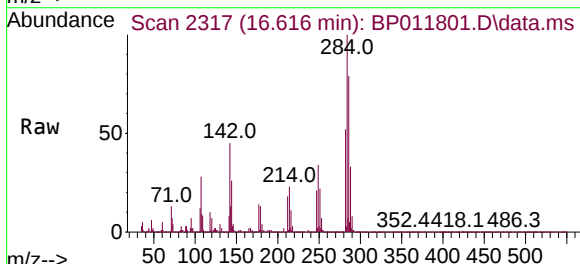
Manual Integrations
APPROVED

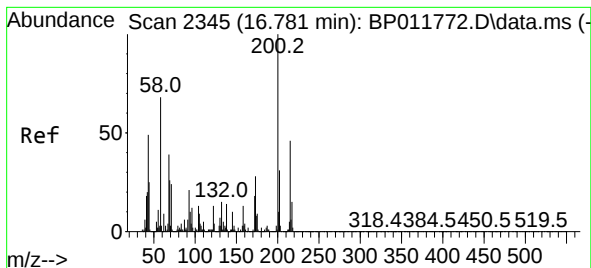
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#68
Hexachlorobenzene
Concen: 57.380 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion:284 Resp: 877491
Ion Ratio Lower Upper
284 100
142 45.0 39.0 58.4
249 34.1 25.9 38.9





#69

Atrazine

Concen: 62.599 ng

RT: 16.781 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

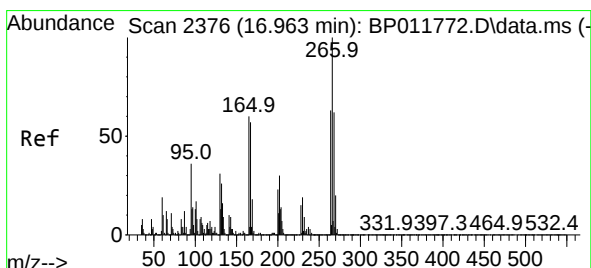
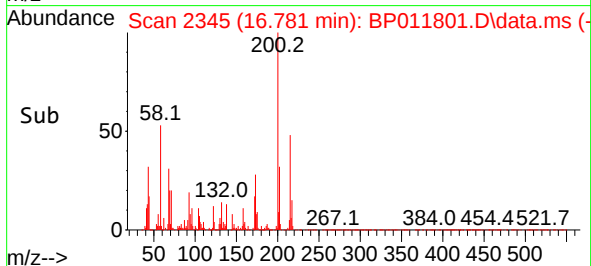
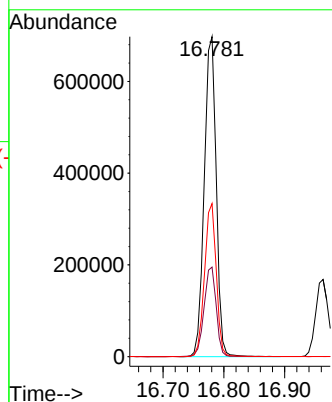
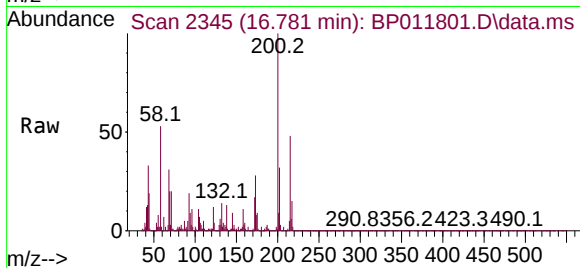
ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:200 Resp: 947954
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.5 48.5
 215 47.8 26.3 66.3

Manual Integrations
 APPROVED

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



#70

Pentachlorophenol

Concen: 102.830 ng

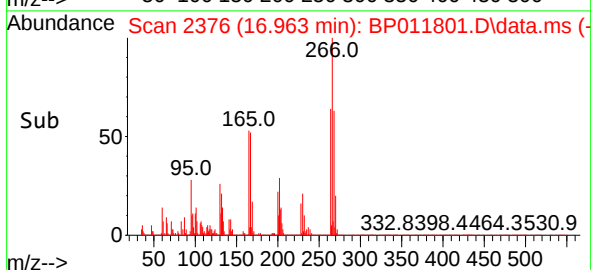
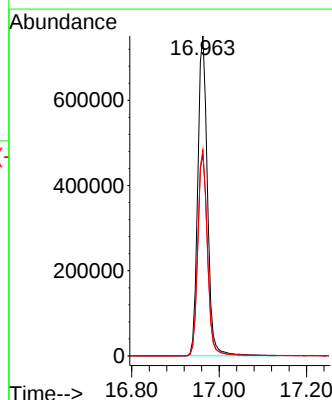
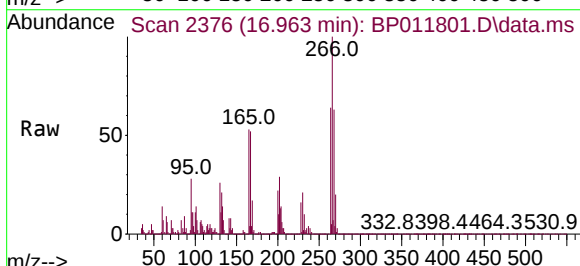
RT: 16.963 min Scan# 2376

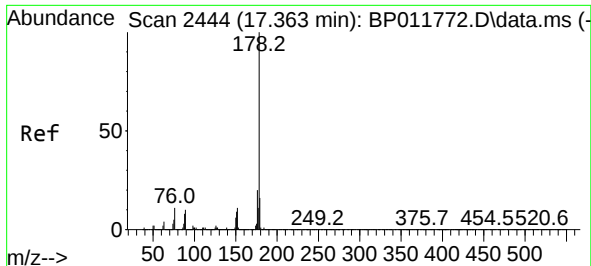
Delta R.T. -0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

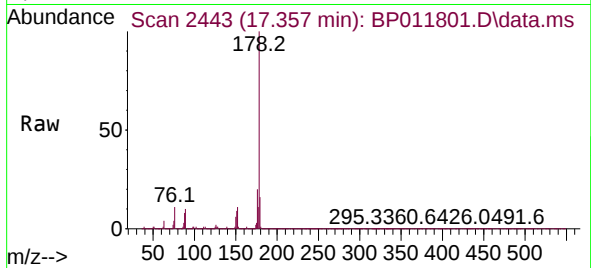
Tgt Ion:266 Resp: 1145905
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.7 74.5
 264 64.5 50.6 75.8





#71
Phenanthrene
Concen: 49.781 ng
RT: 17.357 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

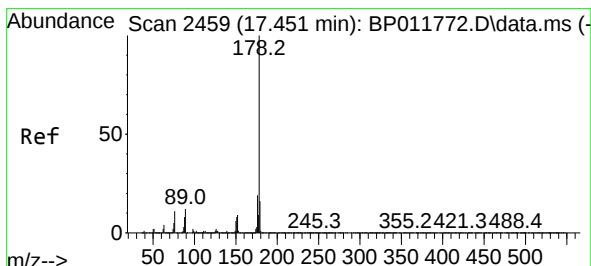
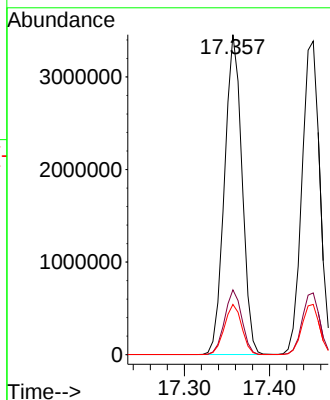
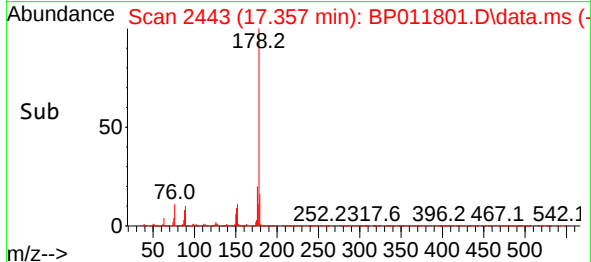
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



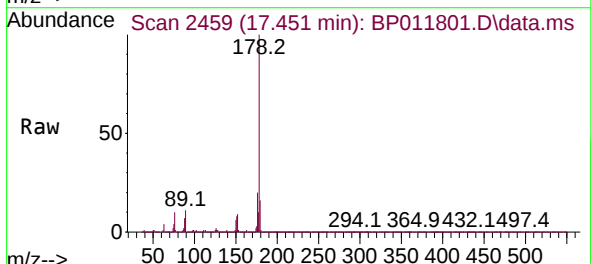
Tgt Ion:178 Resp: 4927680
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.7 12.6 18.8

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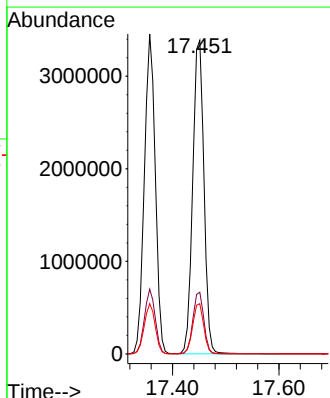
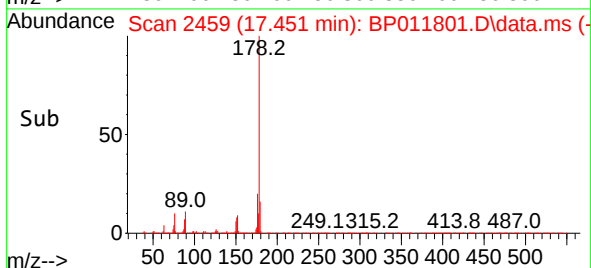
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

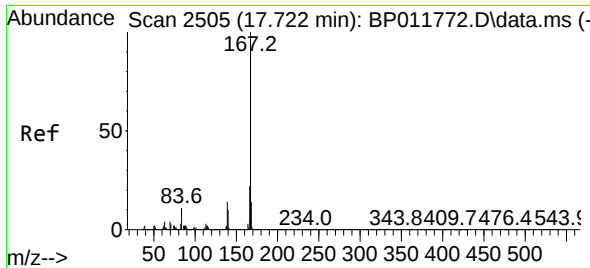


#72
Anthracene
Concen: 52.370 ng
RT: 17.451 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



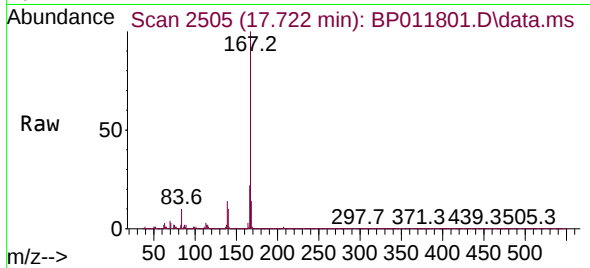
Tgt Ion:178 Resp: 4958166
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 52.700 ng
 RT: 17.722 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BP011801.D
 Acq: 26 Sep 2022 17:37

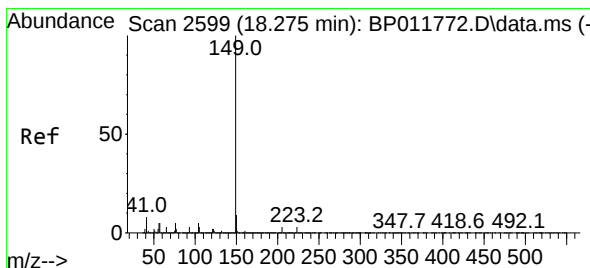
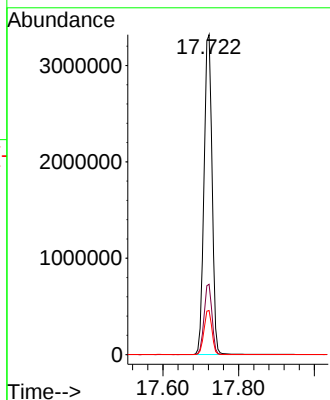
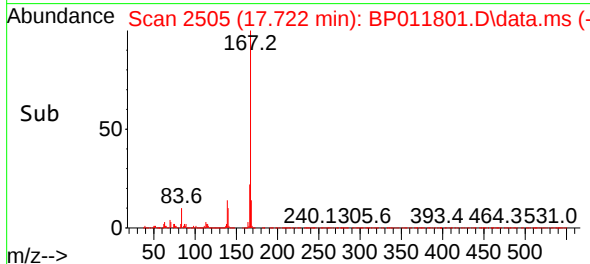
Instrument :
 BNA_P
 ClientSampleId :
 250FERRYBLVD-SOIL-1MS



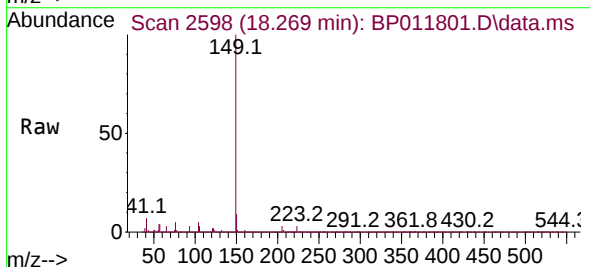
Tgt Ion:167 Resp: 4886525
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.8 11.0 16.6

Manual Integrations
 APPROVED

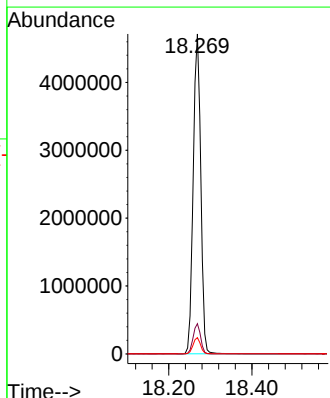
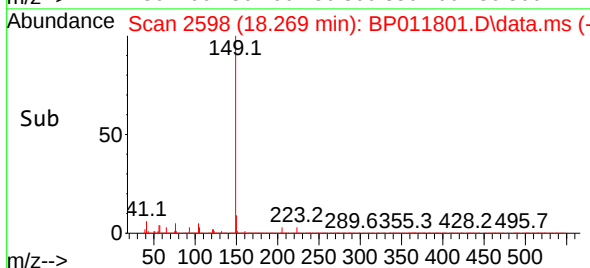
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

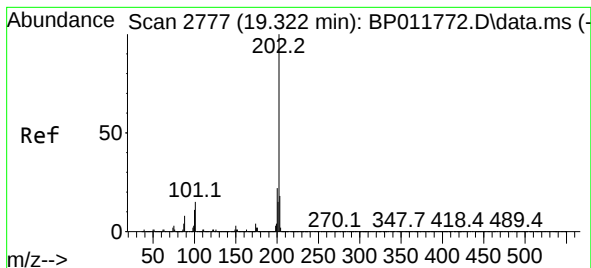


#74
 Di-n-butylphthalate
 Concen: 52.910 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP011801.D
 Acq: 26 Sep 2022 17:37



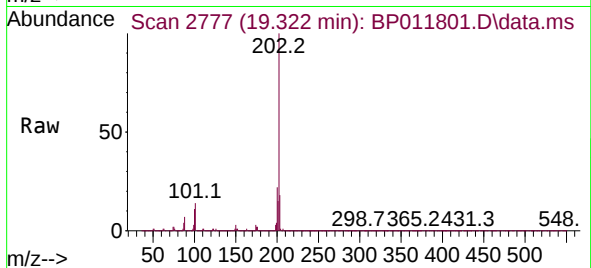
Tgt Ion:149 Resp: 5909418
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 51.868 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

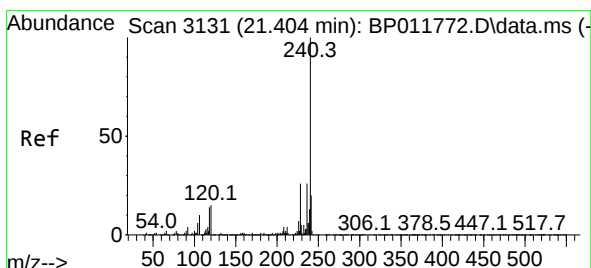
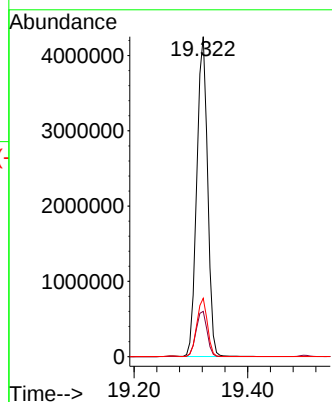
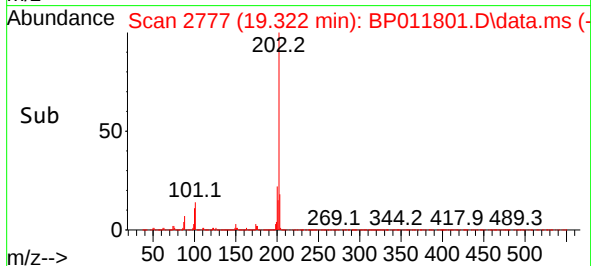
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:202 Resp: 5581610
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.5
203 18.2 0.0 38.1

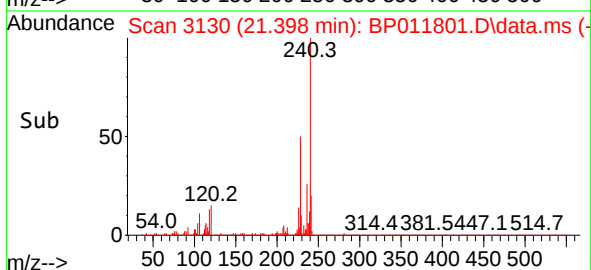
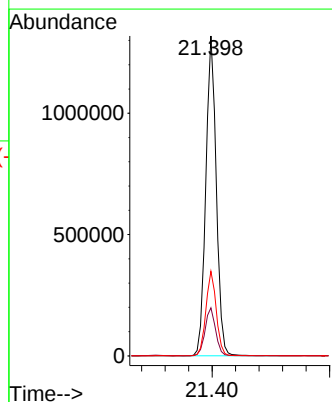
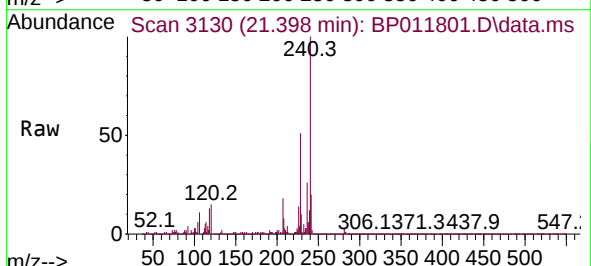
Manual Integrations
APPROVED

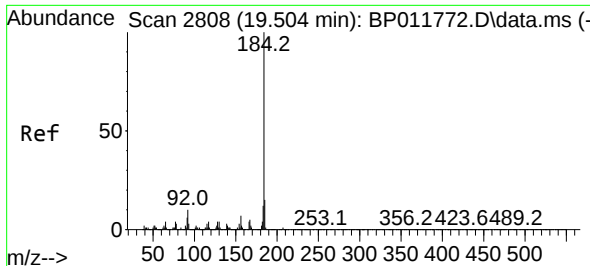
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

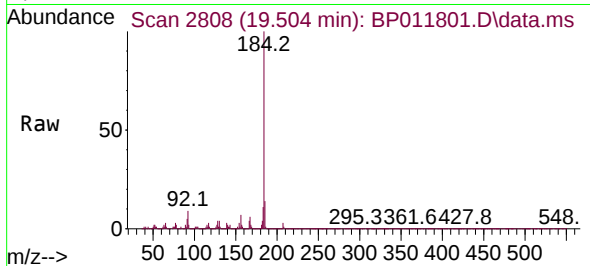
Tgt Ion:240 Resp: 1631259
Ion Ratio Lower Upper
240 100
120 15.0 12.0 18.0
236 26.4 21.1 31.7





#77
Benzidine
Concen: 93.704 ng
RT: 19.504 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

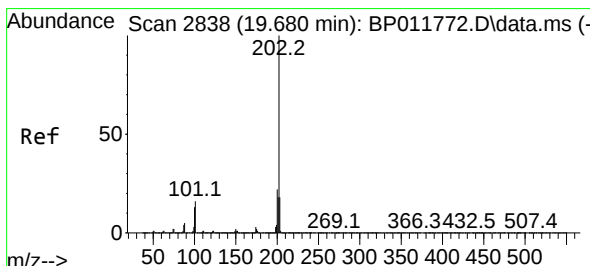
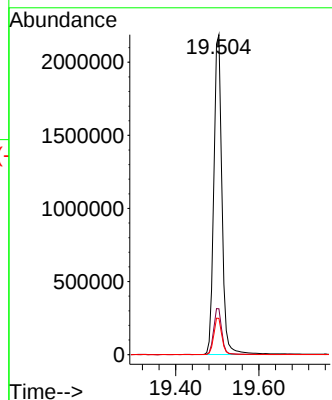
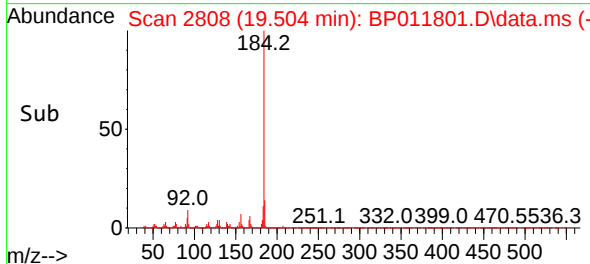
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



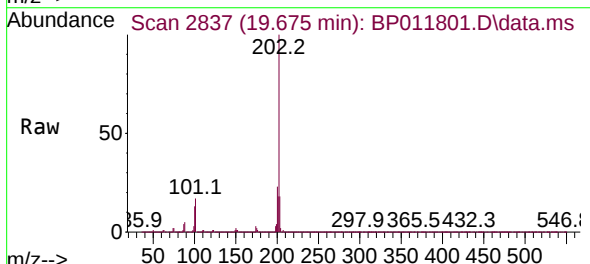
Tgt Ion:184 Resp: 2966611
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.3 9.3 13.9

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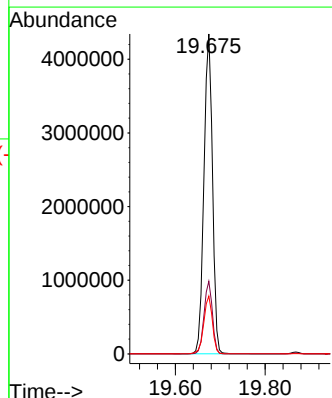
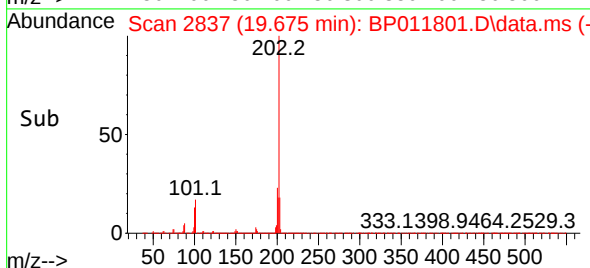
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

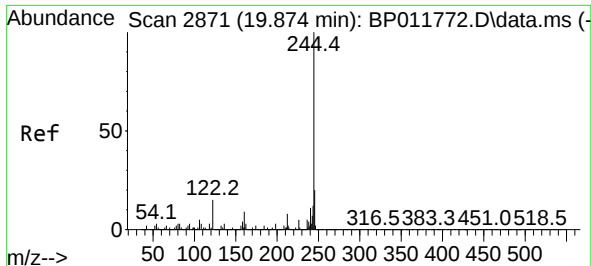


#78
Pyrene
Concen: 52.632 ng
RT: 19.675 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37



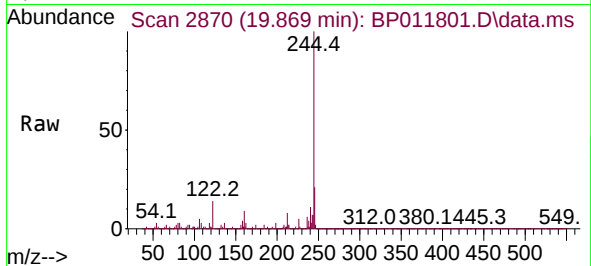
Tgt Ion:202 Resp: 5737001
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 18.1 14.3 21.5





#79
 Terphenyl-d14
 Concen: 103.594 ng
 RT: 19.869 min Scan# 2871
 Delta R.T. -0.006 min
 Lab File: BP011801.D
 Acq: 26 Sep 2022 17:37

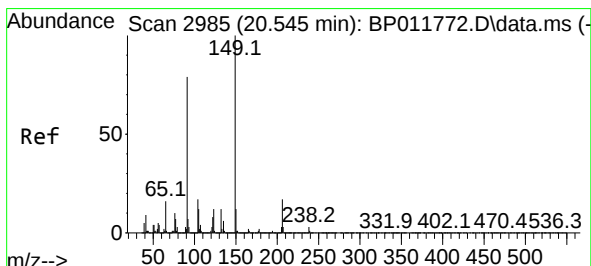
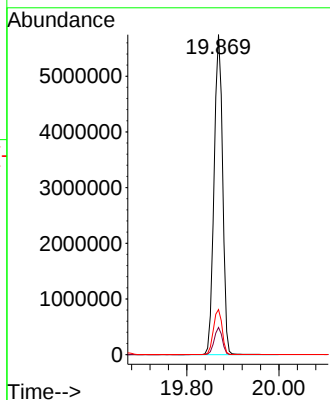
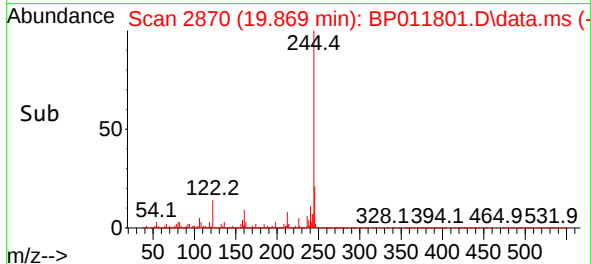
Instrument :
 BNA_P
 ClientSampleId :
 250FERRYBLVD-SOIL-1MS



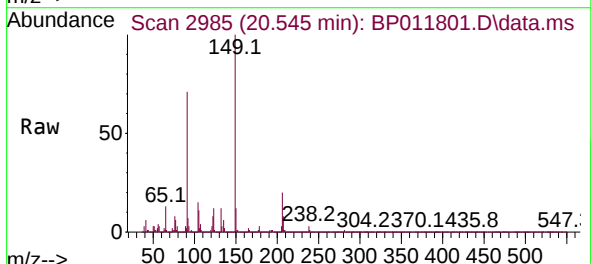
Tgt Ion:244 Resp: 734943
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 14.1 11.8 17.8

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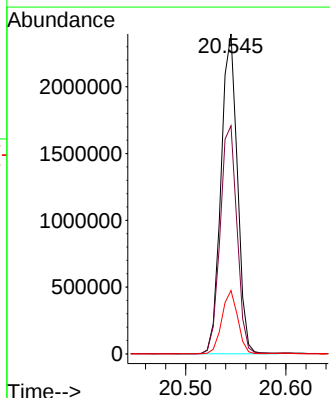
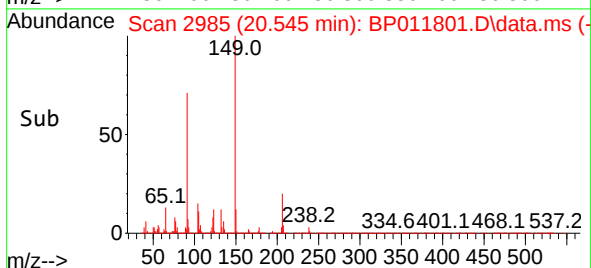
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

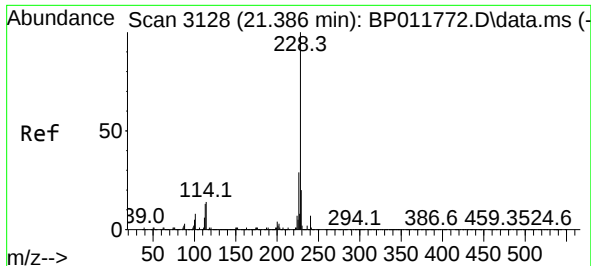


#80
 Butylbenzylphthalate
 Concen: 51.207 ng
 RT: 20.545 min Scan# 2985
 Delta R.T. 0.000 min
 Lab File: BP011801.D
 Acq: 26 Sep 2022 17:37



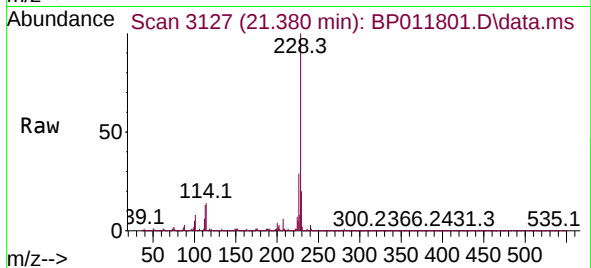
Tgt Ion:149 Resp: 2725048
 Ion Ratio Lower Upper
 149 100
 91 71.3 63.1 94.7
 206 19.8 13.6 20.4





#81
Benzo(a)anthracene
Concen: 51.534 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

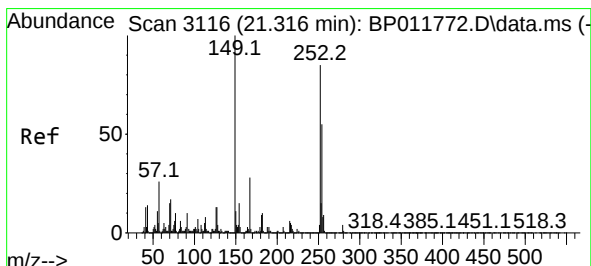
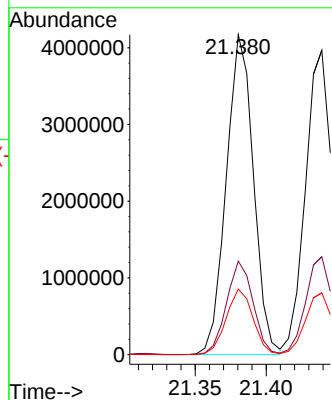
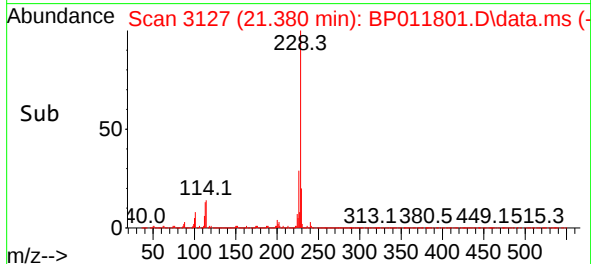
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:228 Resp: 554654
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 20.5 16.3 24.5

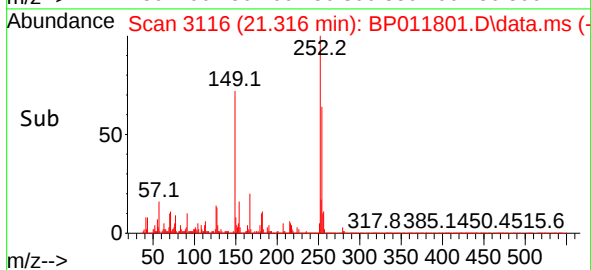
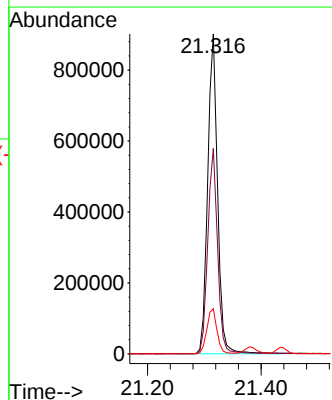
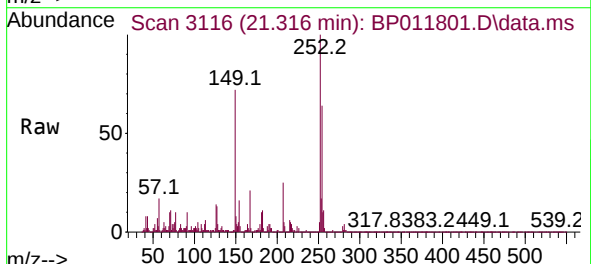
Manual Integrations
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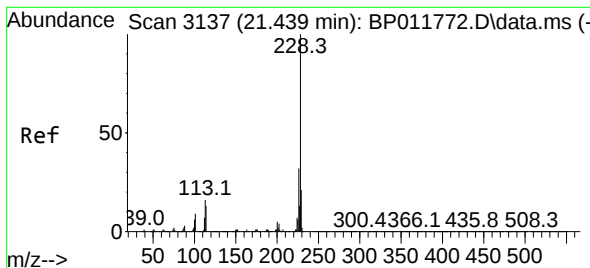
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.895 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion:252 Resp: 1095334
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 14.1 12.6 18.8





#83

Chrysene

Concen: 51.102 ng

RT: 21.439 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

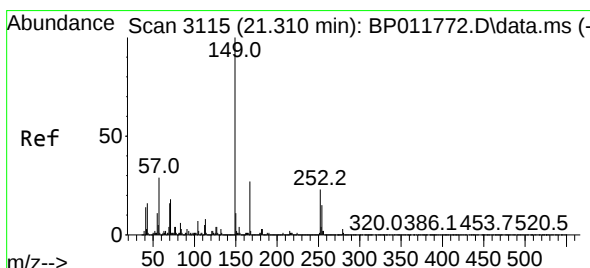
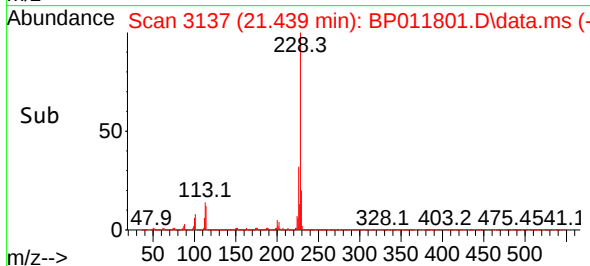
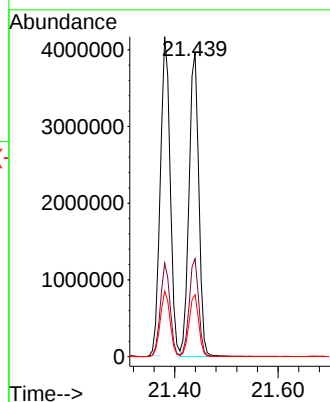
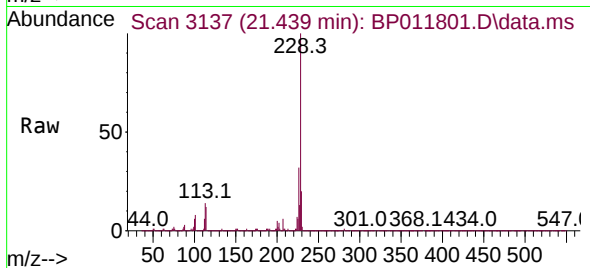
250FERRYBLVD-SOIL-1MS

Tgt Ion:228 Resp: 521155
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 20.3 16.4 24.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.902 ng

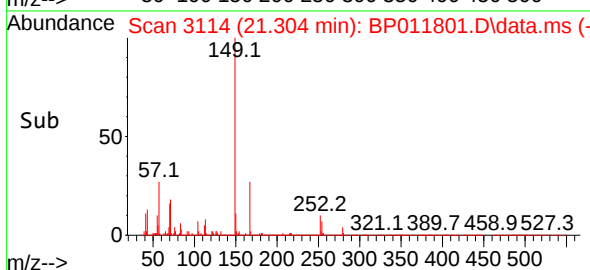
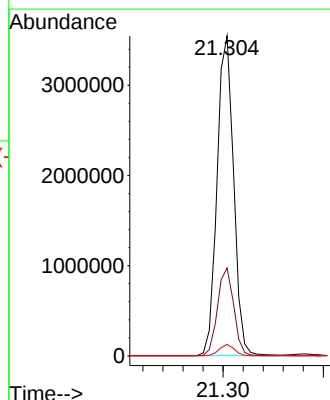
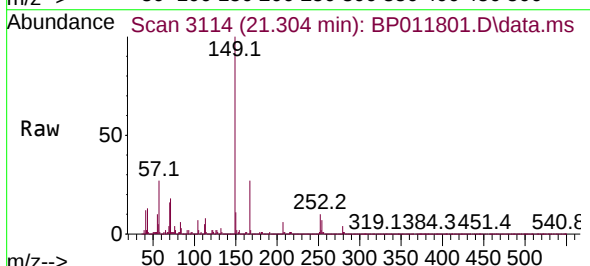
RT: 21.304 min Scan# 3114

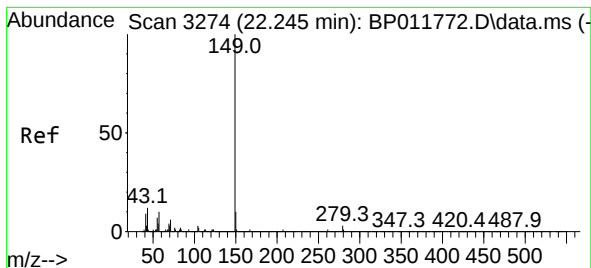
Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

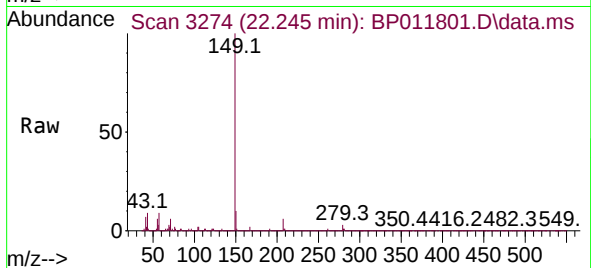
Tgt Ion:149 Resp: 4058175
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.6
 279 3.6 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 57.052 ng
RT: 22.245 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

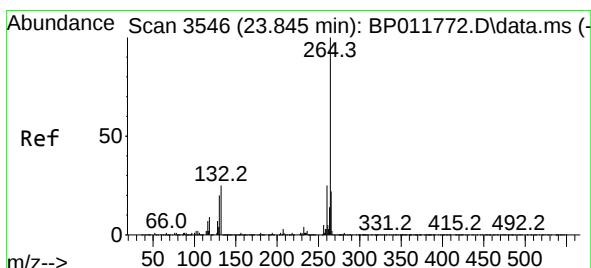
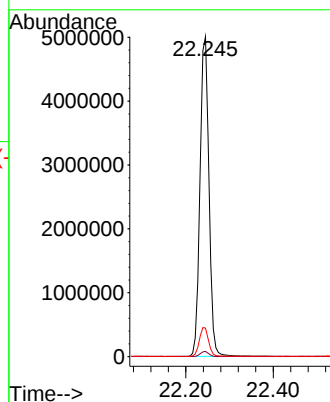
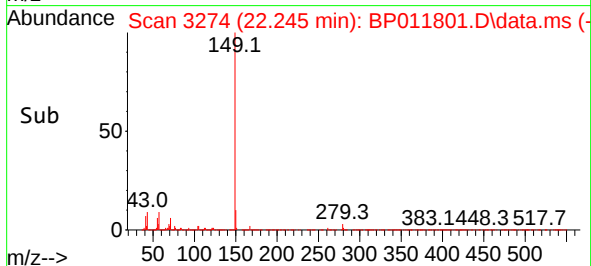
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:149 Resp: 709556
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 9.4 14.0

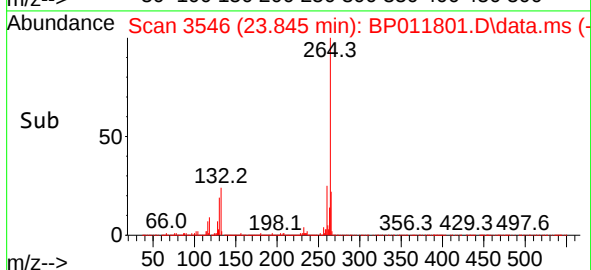
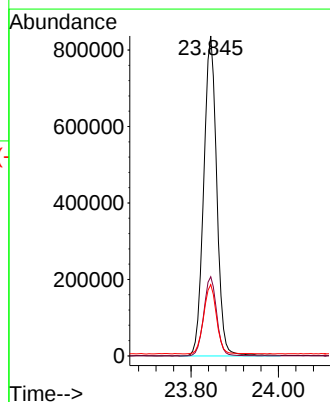
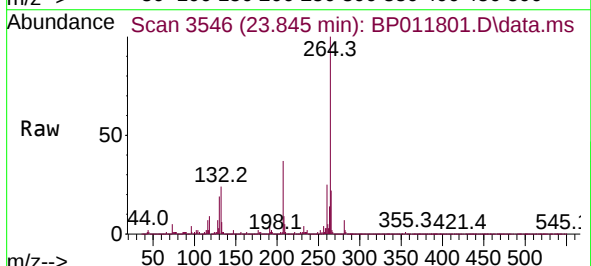
Manual Integrations
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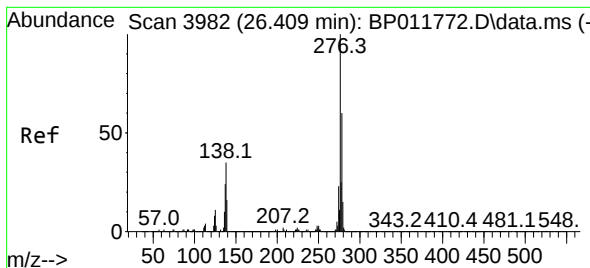
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3546
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion:264 Resp: 1718981
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.833 ng

RT: 26.404 min Scan# 3982

Delta R.T. -0.006 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:276 Resp: 6299364

Ion Ratio Lower Upper

276 100

138 35.7 29.7 44.5

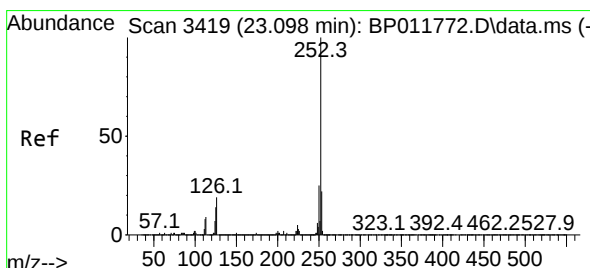
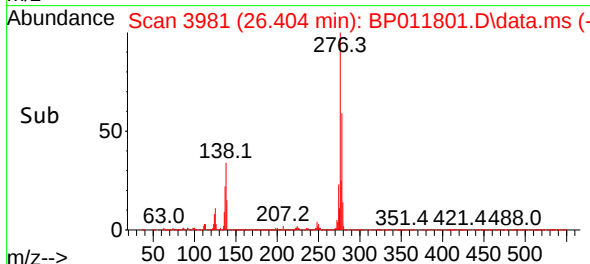
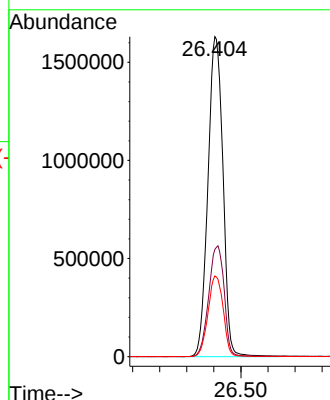
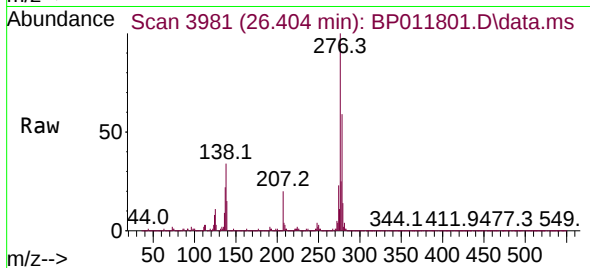
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#88

Benzo(b)fluoranthene

Concen: 54.622 ng

RT: 23.098 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

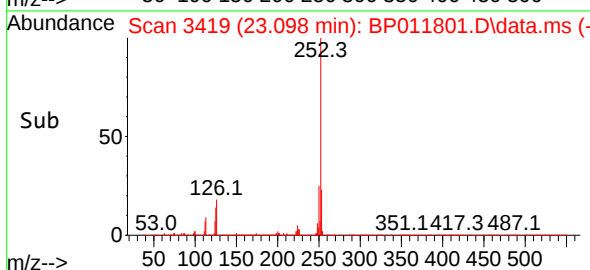
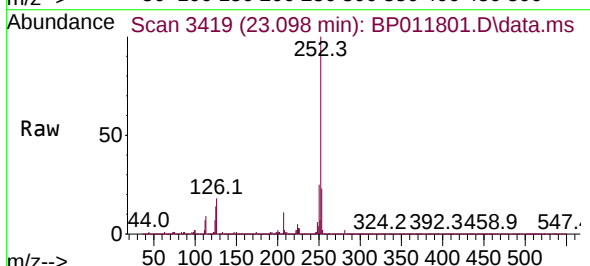
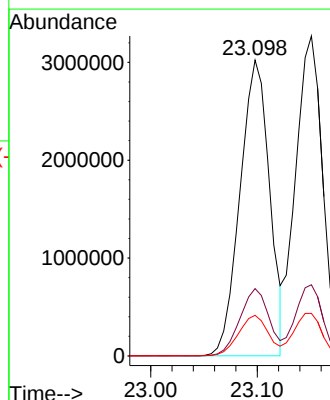
Tgt Ion:252 Resp: 5829619

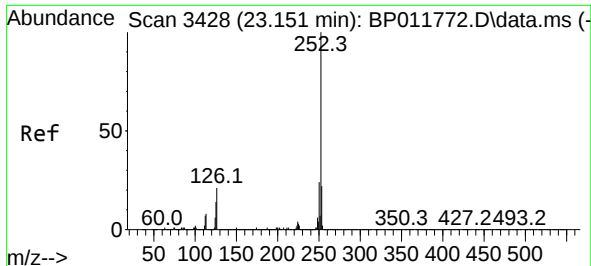
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

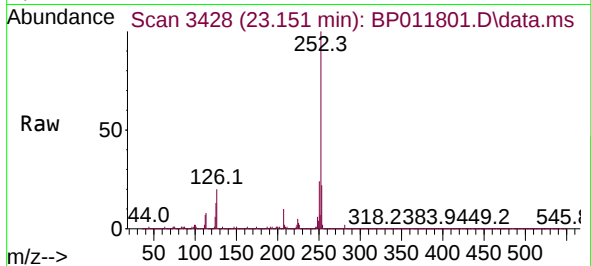
125 13.7 11.6 17.4





#89
Benzo(k)fluoranthene
Concen: 53.339 ng
RT: 23.151 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

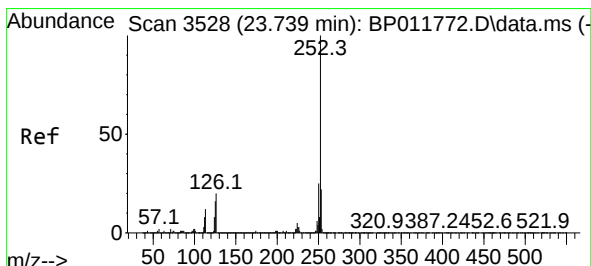
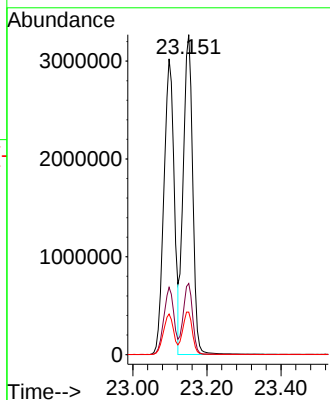
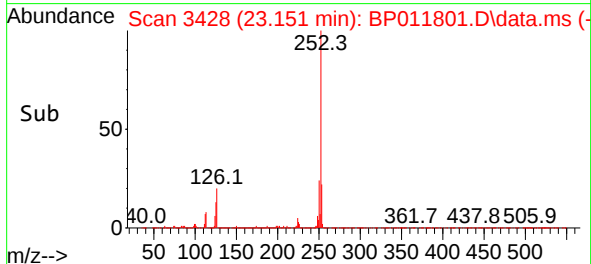
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MS



Tgt Ion:252 Resp: 5833082
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.3 11.2 16.8

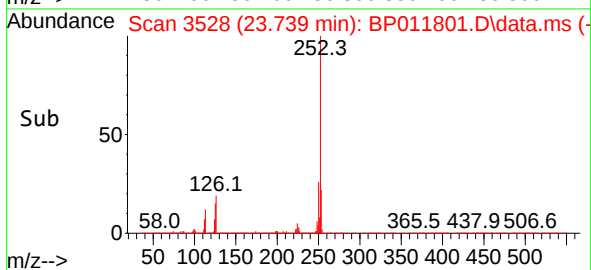
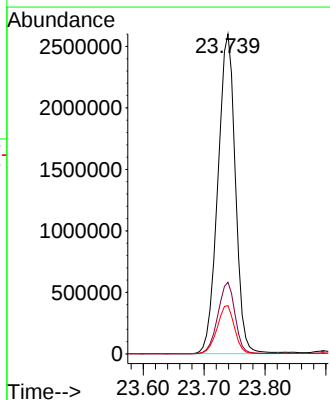
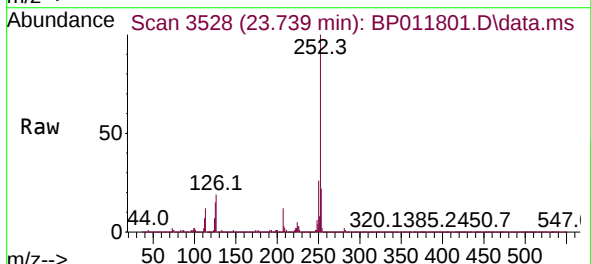
Manual Integrations
APPROVED

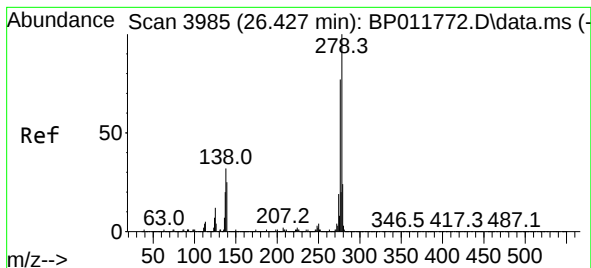
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#90
Benzo(a)pyrene
Concen: 57.599 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BP011801.D
Acq: 26 Sep 2022 17:37

Tgt Ion:252 Resp: 5201078
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 15.1 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 49.134 ng

RT: 26.427 min Scan# 3985

Delta R.T. 0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1MS

Tgt Ion:278 Resp: 548705

Ion Ratio Lower Upper

278 100

139 23.1 19.6 29.4

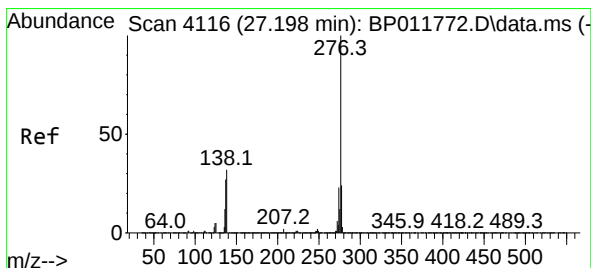
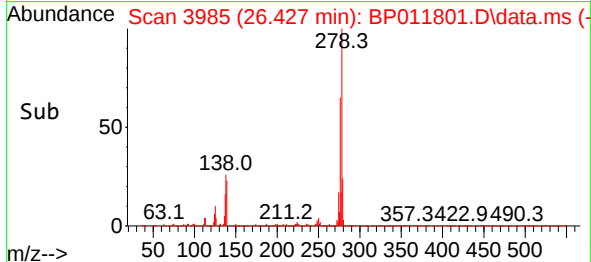
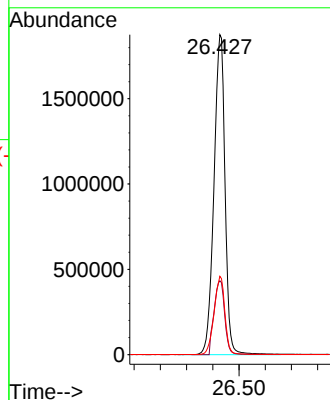
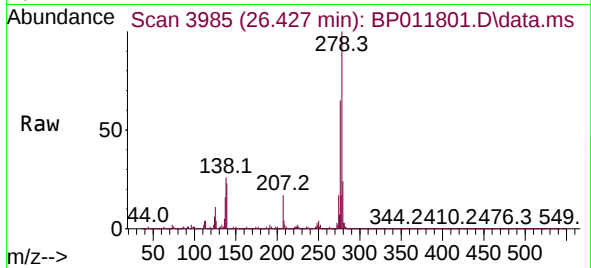
279 24.5 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#92

Benzo(g,h,i)perylene

Concen: 48.776 ng

RT: 27.198 min Scan# 4116

Delta R.T. 0.000 min

Lab File: BP011801.D

Acq: 26 Sep 2022 17:37

Tgt Ion:276 Resp: 5272912

Ion Ratio Lower Upper

276 100

277 24.7 19.3 28.9

138 30.6 25.6 38.4

