

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008792.D
 Acq On : 13 Jan 2022 16:17
 Operator : CG/JU
 Sample : N1118-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/14/2022
 Supervised By : Jagrut Upadhyay 01/14/2022

Quant Time: Jan 13 23:26:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	365686	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1355195	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	806964	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1555415	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1306689	20.000	ng	0.00
86) Perylene-d12	23.769	264	1289347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2681868	114.845	ng	0.00
7) Phenol-d6	7.046	99	3225339	102.886	ng	0.00
23) Nitrobenzene-d5	9.022	82	1972194	82.417	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1376636	101.117	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	4716731	82.175	ng	0.00
79) Terphenyl-d14	19.816	244	5933690	92.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	345345	39.211	ng	97
3) Pyridine	3.752	79	863462	41.678	ng	97
4) n-Nitrosodimethylamine	3.658	42	404502	43.818	ng	# 86
6) Aniline	7.187	93	890535	22.613	ng	98
8) 2-Chlorophenol	7.428	128	1096520	41.548	ng	98
9) Benzaldehyde	6.999	77	596374	28.109	ng	99
10) Phenol	7.069	94	1323539	41.259	ng	96
11) bis(2-Chloroethyl)ether	7.287	93	982110	39.498	ng	99
12) 1,3-Dichlorobenzene	7.752	146	1223082	41.021	ng	98
13) 1,4-Dichlorobenzene	7.899	146	1251895	41.087	ng	98
14) 1,2-Dichlorobenzene	8.216	146	1196018	40.480	ng	99
15) Benzyl Alcohol	8.105	79	869592	37.340	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1075746	37.958	ng	99
17) 2-Methylphenol	8.316	107	841554	38.053	ng	98
18) Hexachloroethane	8.946	117	430016	41.958	ng	97
19) n-Nitroso-di-n-propyla...	8.675	70	700716	34.427	ng	96
20) 3+4-Methylphenols	8.646	107	1115255	36.345	ng	99
22) Acetophenone	8.687	105	1514387	42.351	ng	# 97
24) Nitrobenzene	9.063	77	1059575	43.741	ng	96
25) Isophorone	9.599	82	1869058	39.715	ng	98
26) 2-Nitrophenol	9.775	139	572069	45.284	ng	94
27) 2,4-Dimethylphenol	9.846	122	911563	40.284	ng	99
28) bis(2-Chloroethoxy)met...	10.075	93	1212911	41.334	ng	100
29) 2,4-Dichlorophenol	10.322	162	1027559	42.361	ng	100
30) 1,2,4-Trichlorobenzene	10.528	180	1171706	44.338	ng	100
31) Naphthalene	10.716	128	3157589	43.093	ng	99
32) Benzoic acid	10.022	122	589179	38.944	ng	97
33) 4-Chloroaniline	10.828	127	326247	9.921	ng	98
34) Hexachlorobutadiene	11.004	225	732468	45.844	ng	99
35) Caprolactam	11.628	113	284159	32.964	ng	92
36) 4-Chloro-3-methylphenol	11.963	107	932411	37.950	ng	99
37) 2-Methylnaphthalene	12.328	142	2317149	40.194	ng	99
38) 1-Methylnaphthalene	12.546	142	2114502	39.492	ng	99
40) 1,2,4,5-Tetrachloroben...	12.699	216	1316900	49.094	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1469120	92.123	ng	99
43) 2,4,6-Trichlorophenol	12.940	196	816222	45.702	ng	98

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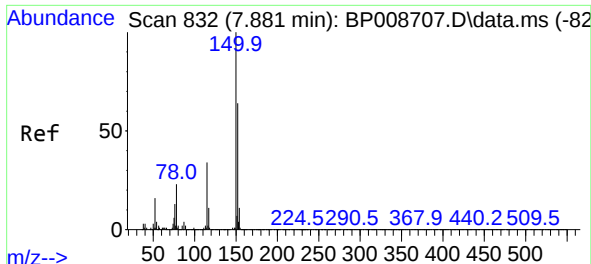
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	875358	44.588	ng	98
46) 1,1'-Biphenyl	13.334	154	2901062	46.118	ng	100
47) 2-Chloronaphthalene	13.375	162	2222000	46.022	ng	99
48) 2-Nitroaniline	13.581	65	524063	44.468	ng	96
49) Acenaphthylene	14.222	152	3409399	44.449	ng	100
50) Dimethylphthalate	13.963	163	2628745	40.992	ng	100
51) 2,6-Dinitrotoluene	14.075	165	581424	41.924	ng	92
52) Acenaphthene	14.569	154	2033623	44.266	ng	100
53) 3-Nitroaniline	14.404	138	293602	20.743	ng	97
54) 2,4-Dinitrophenol	14.622	184	562381	79.516	ng	94
55) Dibenzofuran	14.904	168	3253358	42.940	ng	99
56) 4-Nitrophenol	14.734	139	893835	75.839	ng	95
57) 2,4-Dinitrotoluene	14.869	165	773227	40.847	ng	92
58) Fluorene	15.551	166	2610775	42.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	724109m	41.045	ng	
60) Diethylphthalate	15.328	149	2534136	40.753	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	1390701	42.502	ng	98
62) 4-Nitroaniline	15.569	138	544486	37.050	ng	90
63) Azobenzene	15.840	77	2156677	44.246	ng	95
65) 4,6-Dinitro-2-methylph...	15.640	198	376121	43.583	ng	94
66) n-Nitrosodiphenylamine	15.763	169	2230397	47.317	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	866198	47.068	ng	100
68) Hexachlorobenzene	16.563	284	964265	45.034	ng	96
69) Atrazine	16.722	200	814892	42.590	ng	99
70) Pentachlorophenol	16.910	266	1086057	81.250	ng	100
71) Phenanthrene	17.298	178	3963260	45.860	ng	99
72) Anthracene	17.392	178	3994955	45.266	ng	99
73) Carbazole	17.663	167	3429352	42.398	ng	99
74) Di-n-butylphthalate	18.216	149	4192825	45.275	ng	99
75) Fluoranthene	19.269	202	4454400	43.044	ng	97
77) Benzidine	19.445	184	1221145	21.841	ng	98
78) Pyrene	19.622	202	4517759	52.876	ng	99
80) Butylbenzylphthalate	20.492	149	1739498	49.793	ng	99
81) Benzo(a)anthracene	21.333	228	3952461	46.106	ng	99
82) 3,3'-Dichlorobenzidine	21.263	252	1150236	29.535	ng	99
83) Chrysene	21.386	228	3807674	46.045	ng	97
84) Bis(2-ethylhexyl)phtha...	21.257	149	2566525	50.319	ng	97
85) Di-n-octyl phthalate	22.186	149	4152345	45.867	ng	99
87) Indeno(1,2,3-cd)pyrene	26.310	276	4667367	45.303	ng	98
88) Benzo(b)fluoranthene	23.033	252	3899271	46.285	ng	99
89) Benzo(k)fluoranthene	23.080	252	3760452	47.695	ng	98
90) Benzo(a)pyrene	23.663	252	3726518	45.766	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3919078	45.020	ng	99
92) Benzo(g,h,i)perylene	27.086	276	3874442	44.837	ng	99

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



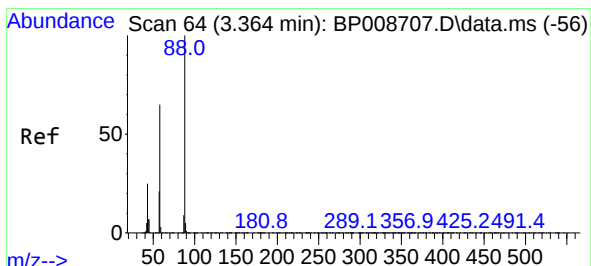
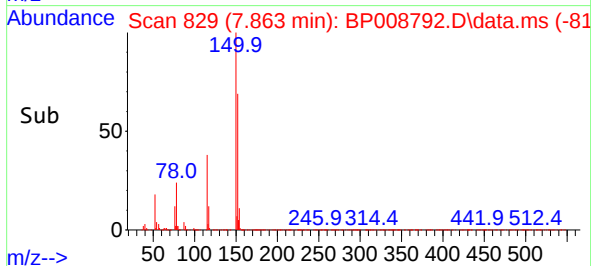
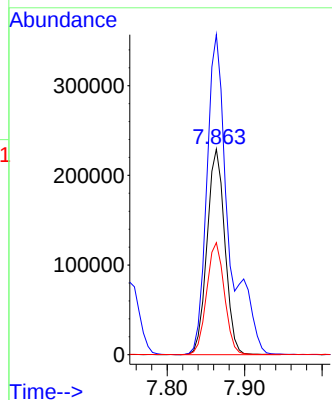
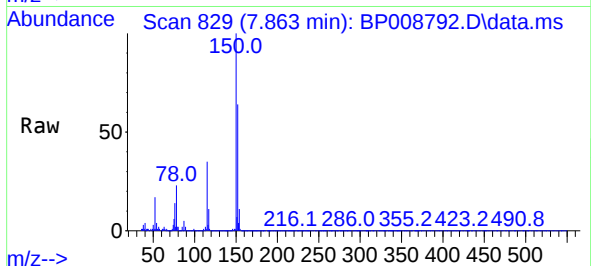
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
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MR-SOILPILEMS

Tgt Ion:152 Resp: 365680
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 54.5 43.7 65.5

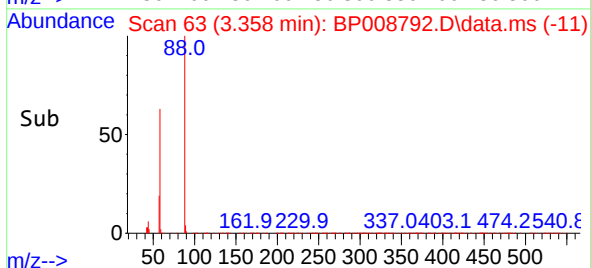
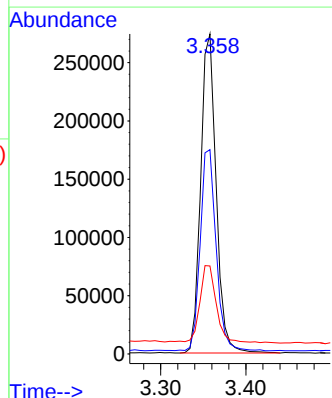
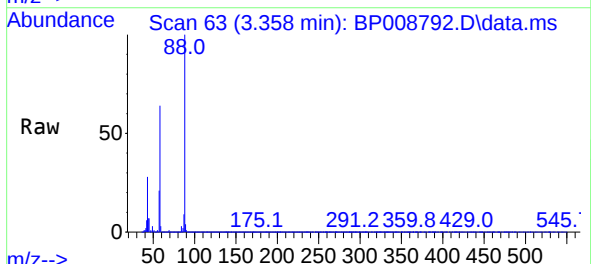
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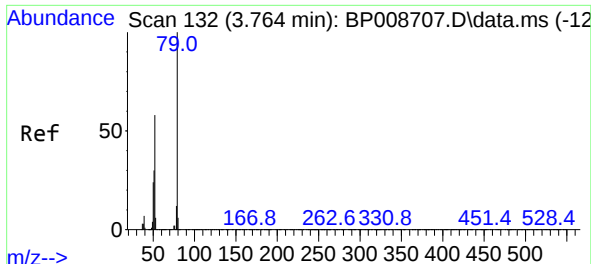
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#2
1,4-Dioxane
Concen: 39.211 ng
RT: 3.358 min Scan# 63
Delta R.T. 0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 88 Resp: 345345
Ion Ratio Lower Upper
88 100
58 64.7 50.6 75.8
43 26.0 18.2 27.4





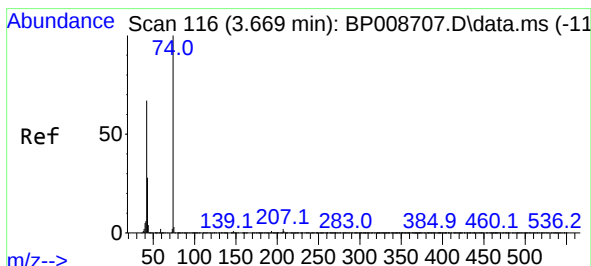
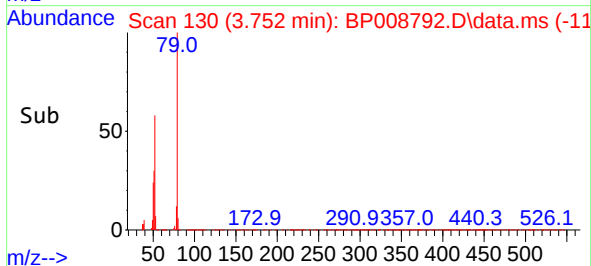
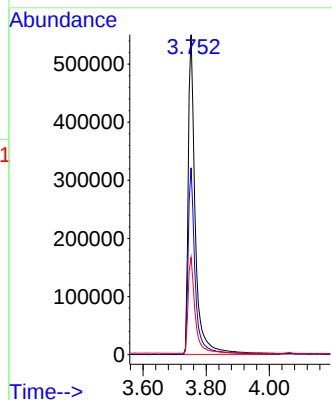
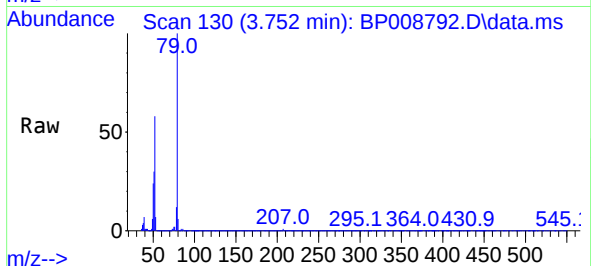
#3
Pyridine
Concen: 41.678 ng
RT: 3.752 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
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Tgt Ion: 79 Resp: 863462
Ion Ratio Lower Upper
79 100
52 58.4 45.1 67.7
51 30.4 23.1 34.7

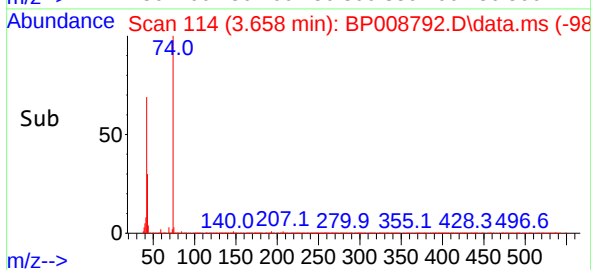
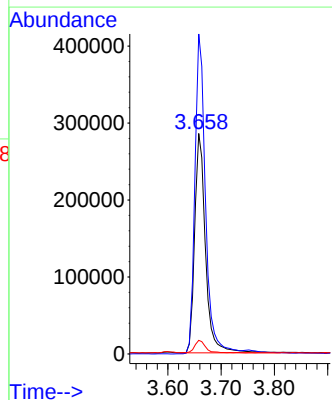
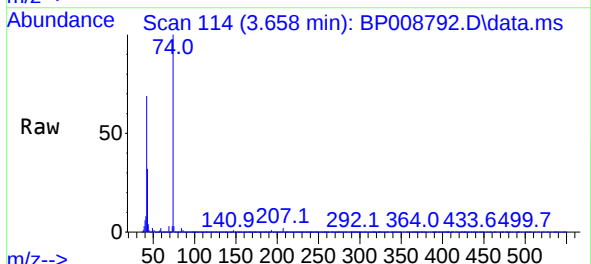
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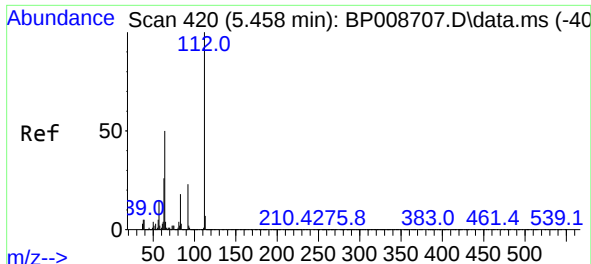
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#4
n-Nitrosodimethylamine
Concen: 43.818 ng
RT: 3.658 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 42 Resp: 404502
Ion Ratio Lower Upper
42 100
74 145.1 131.1 196.7
44 6.2 6.2 9.2





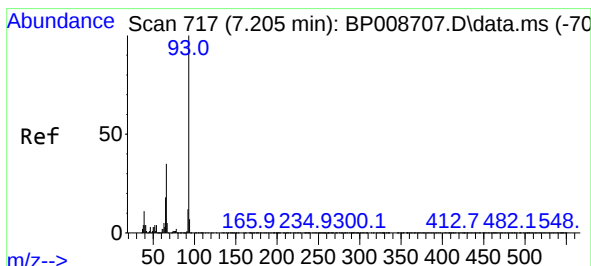
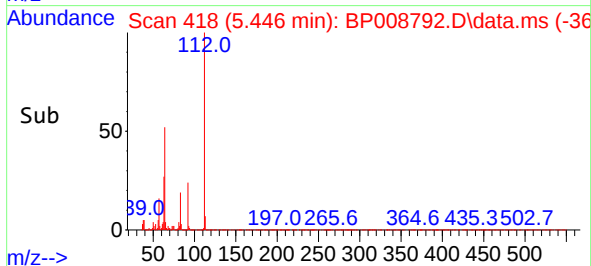
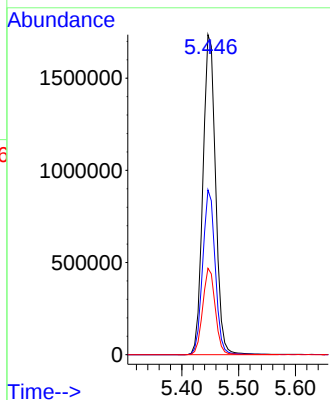
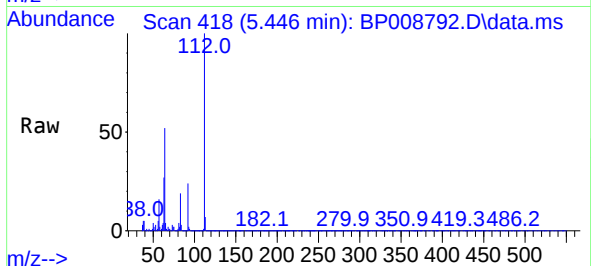
#5
2-Fluorophenol
Concen: 114.845 ng
RT: 5.446 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
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ClientSampleId :
MR-SOILPILEMS

Tgt Ion:112 Resp: 268186
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 27.0 20.0 30.0

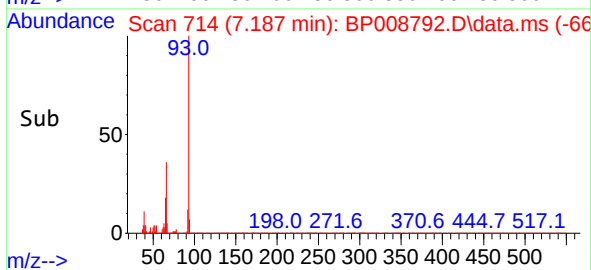
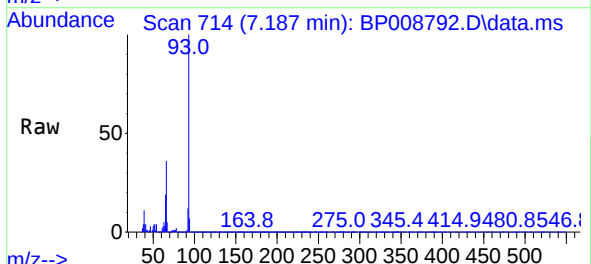
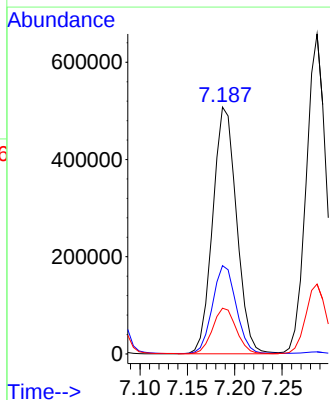
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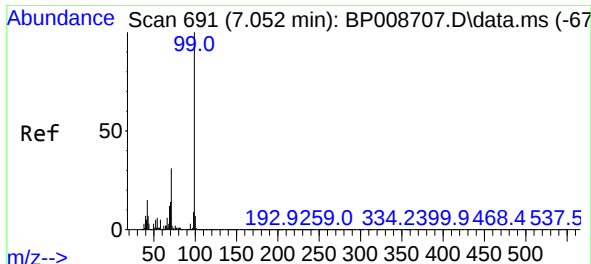
Reviewed By :Christian Giraldo 01/14/2022
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#6
Aniline
Concen: 22.613 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 93 Resp: 890535
Ion Ratio Lower Upper
93 100
66 35.8 27.8 41.6
65 18.5 14.0 21.0





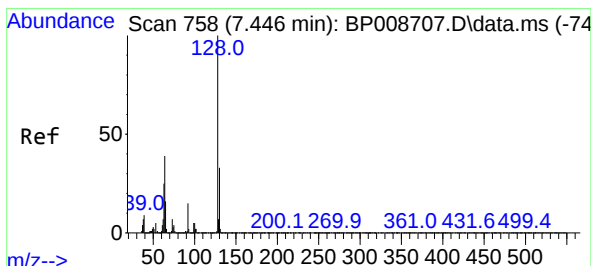
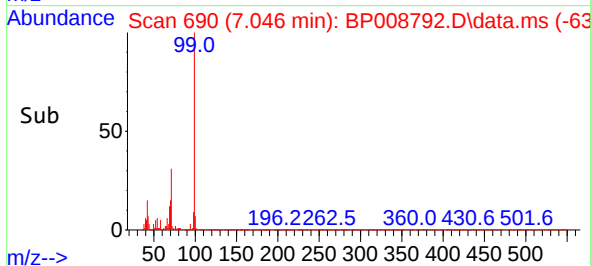
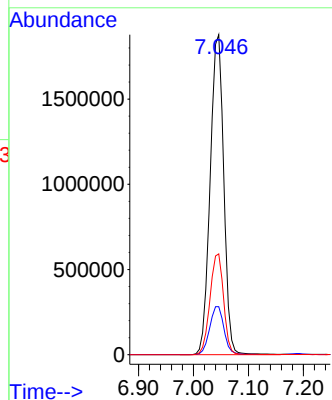
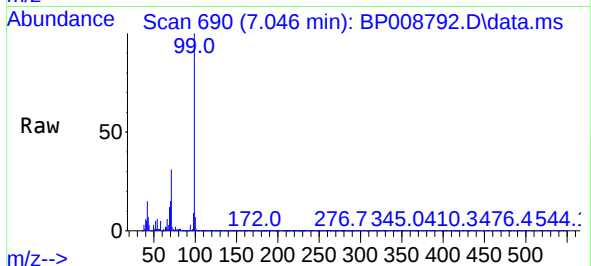
#7
Phenol-d6
Concen: 102.886 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

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Tgt Ion: 99 Resp: 3225339
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.5 23.8 35.6

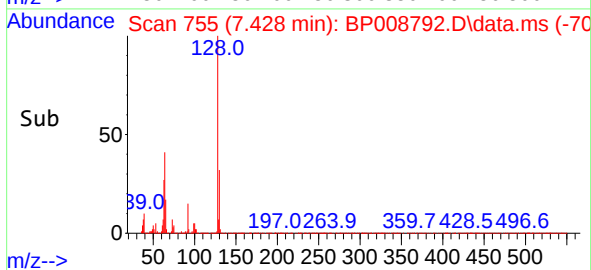
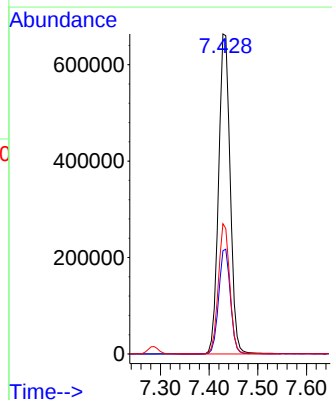
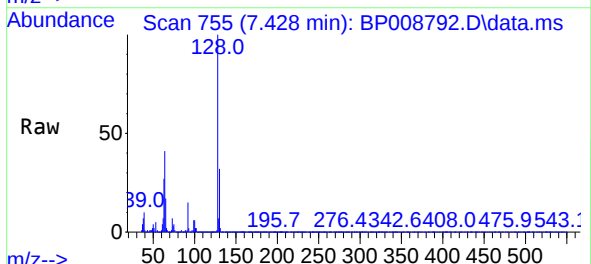
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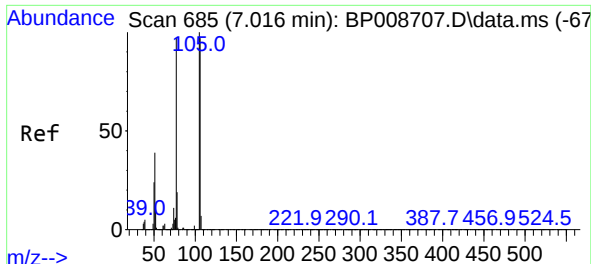
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Supervised By :Jagrut Upadhyay 01/14/2022



#8
2-Chlorophenol
Concen: 41.548 ng
RT: 7.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

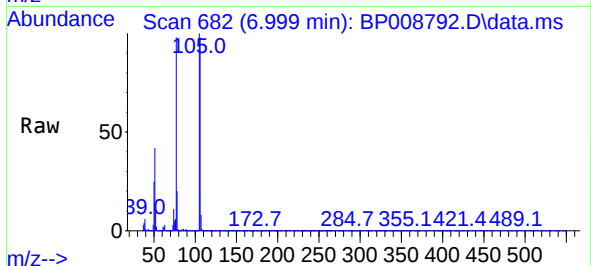
Tgt Ion:128 Resp: 1096520
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 40.7 18.6 58.6





#9
Benzaldehyde
Concen: 28.109 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

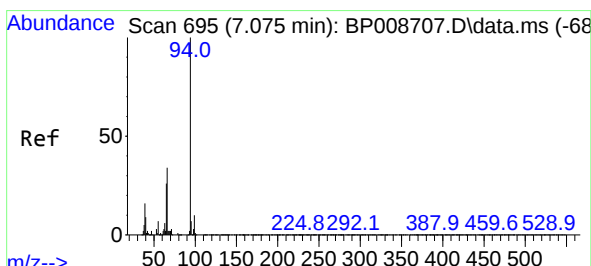
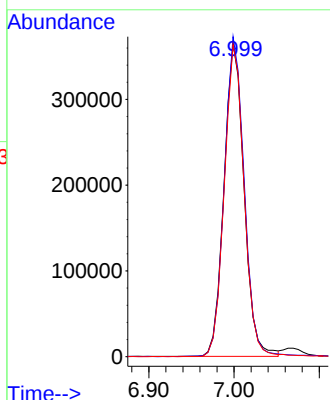
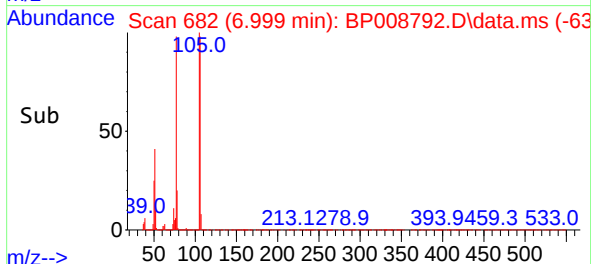
Instrument :
BNA_P
ClientSampleId :
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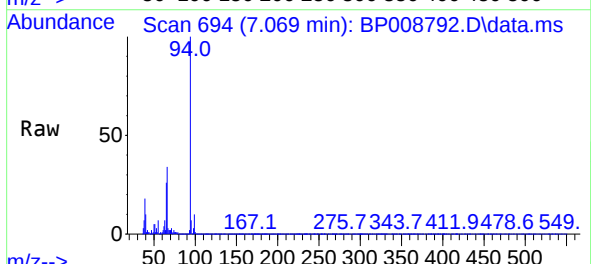
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Ion Ratio Lower Upper
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105 102.2 84.2 124.2
106 99.7 80.6 120.6

Manual Integrations
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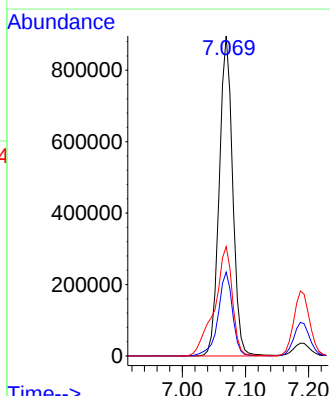
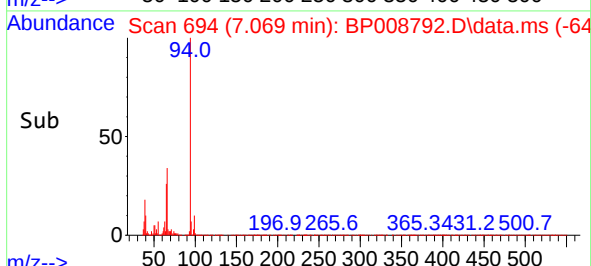
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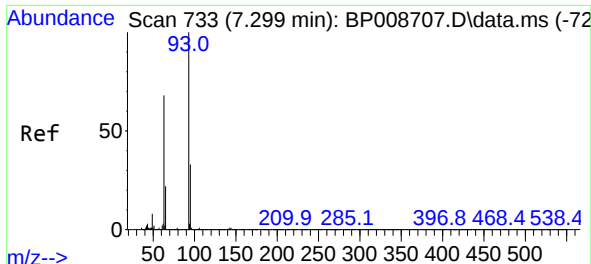


#10
Phenol
Concen: 41.259 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion: 94 Resp: 1323539
Ion Ratio Lower Upper
94 100
65 26.2 4.1 44.1
66 34.2 12.4 52.4





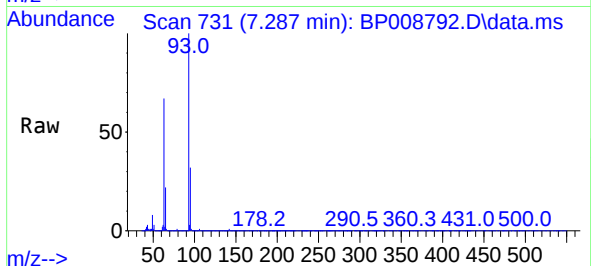
#11
bis(2-Chloroethyl)ether
Concen: 39.498 ng
RT: 7.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS

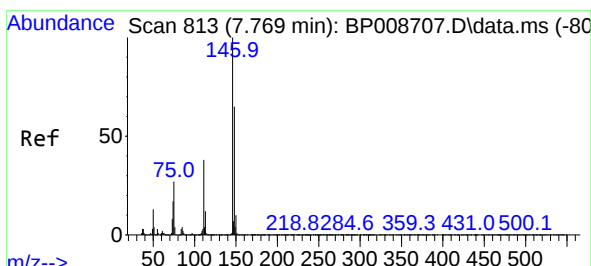
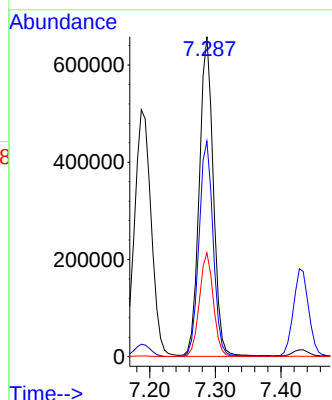
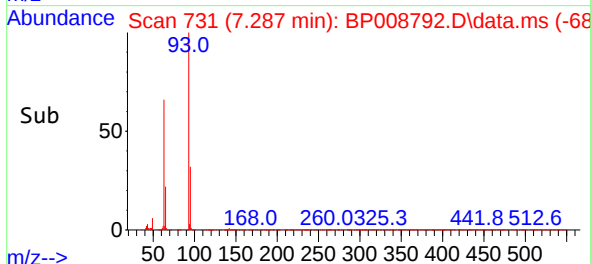


Tgt Ion: 93 Resp: 982110
Ion Ratio Lower Upper
93 100
63 67.3 46.0 86.0
95 32.5 12.2 52.2

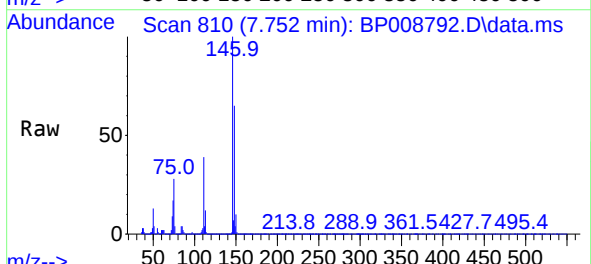
Manual Integrations

APPROVED

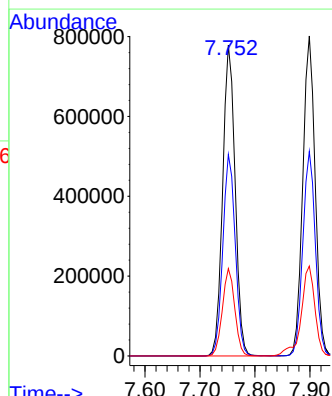
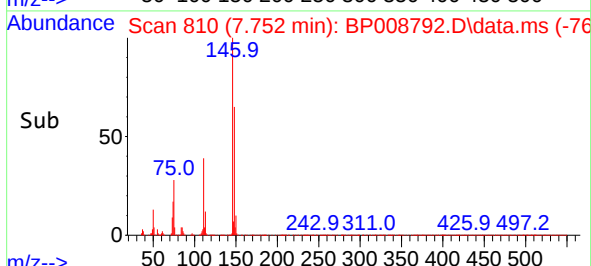
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

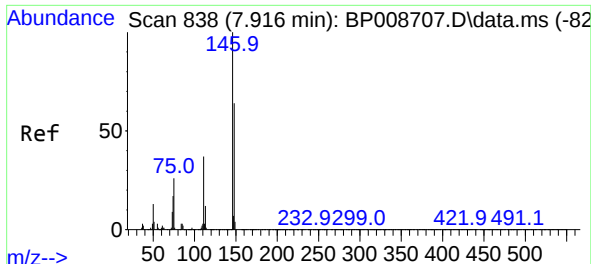


#12
1,3-Dichlorobenzene
Concen: 41.021 ng
RT: 7.752 min Scan# 810
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



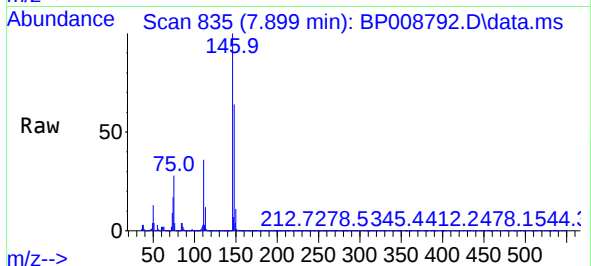
Tgt Ion:146 Resp: 1223082
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 28.1 20.5 30.7





#13
1,4-Dichlorobenzene
Concen: 41.087 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

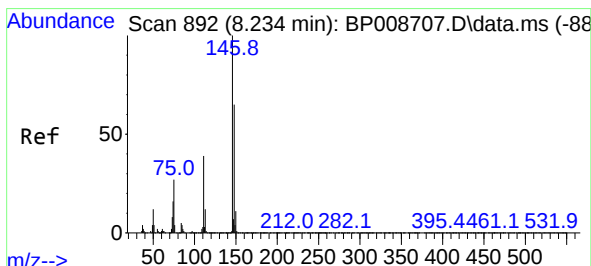
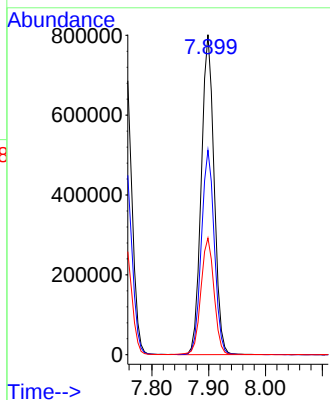
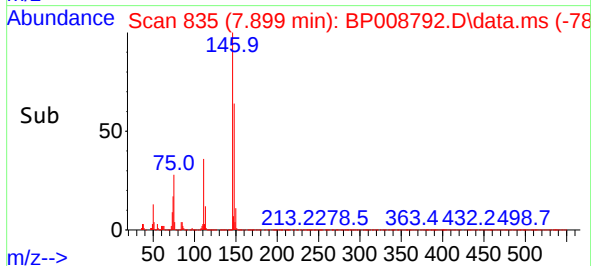
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



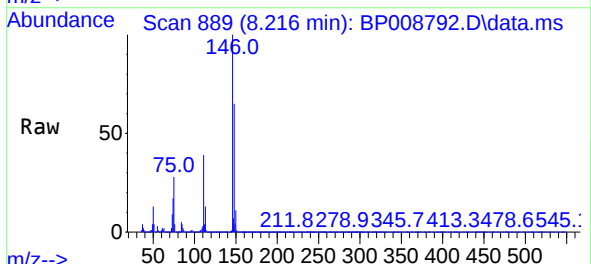
Tgt Ion:146 Resp: 125189
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
111 36.5 29.8 44.8

Manual Integrations
APPROVED

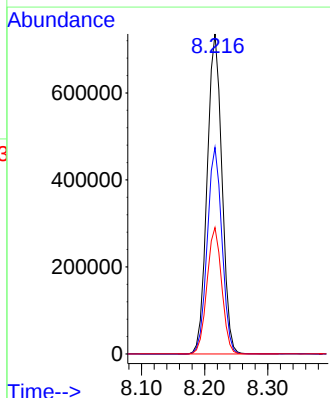
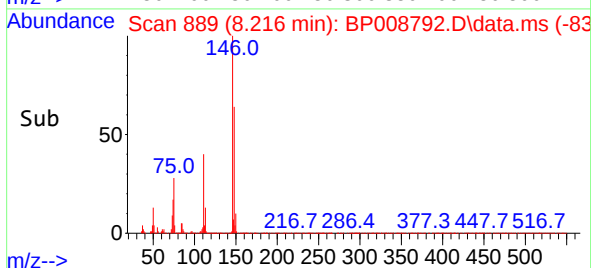
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

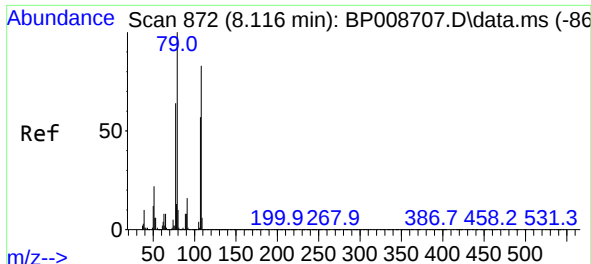


#14
1,2-Dichlorobenzene
Concen: 40.480 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



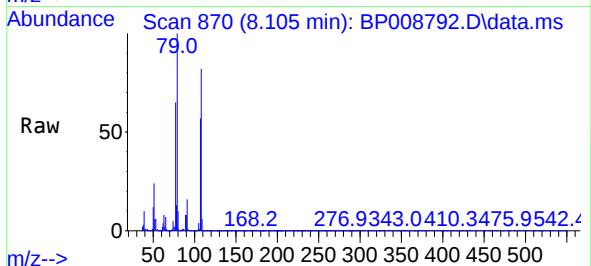
Tgt Ion:146 Resp: 1196018
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.2
111 39.5 31.1 46.7





#15
Benzyl Alcohol
Concen: 37.340 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

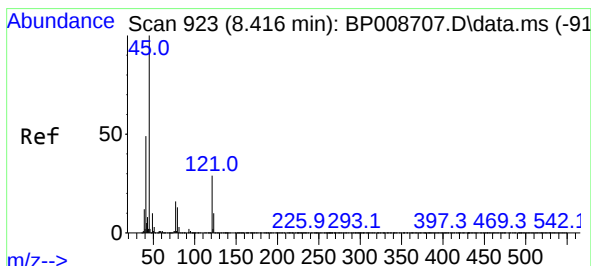
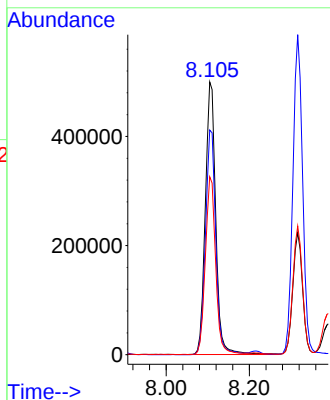
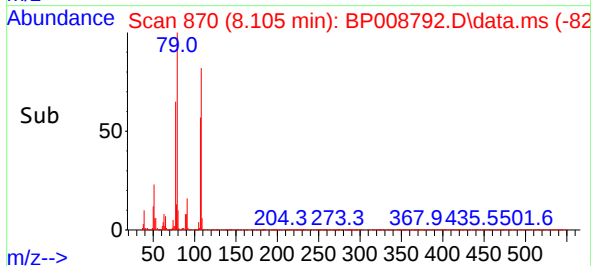
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion: 79 Resp: 869592
Ion Ratio Lower Upper
79 100
108 82.4 67.8 101.8
77 65.2 50.7 76.1

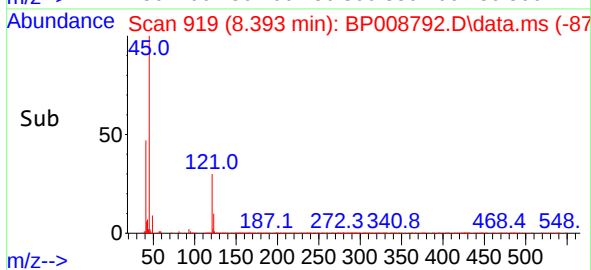
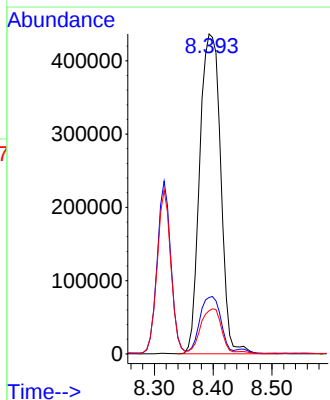
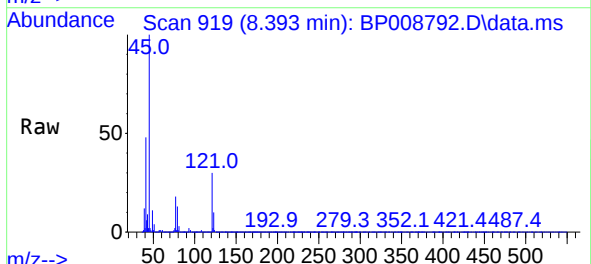
Manual Integrations
APPROVED

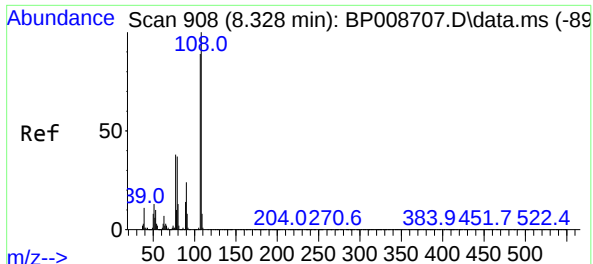
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.958 ng
RT: 8.393 min Scan# 919
Delta R.T. -0.012 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

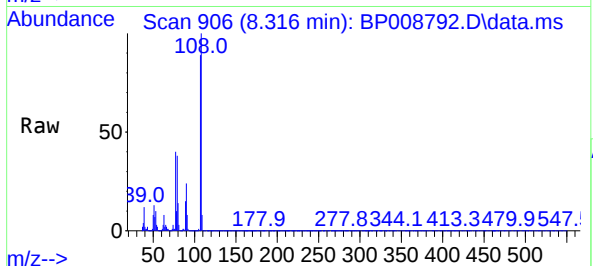
Tgt Ion: 45 Resp: 1075746
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.4
79 13.5 0.0 34.1





#17
2-Methylphenol
Concen: 38.053 ng
RT: 8.316 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

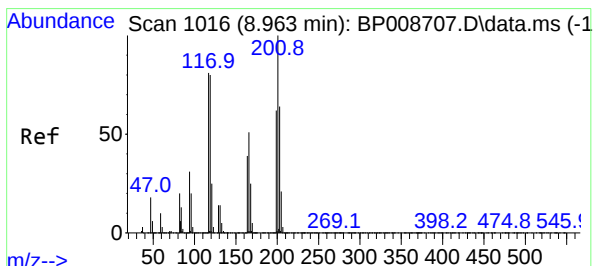
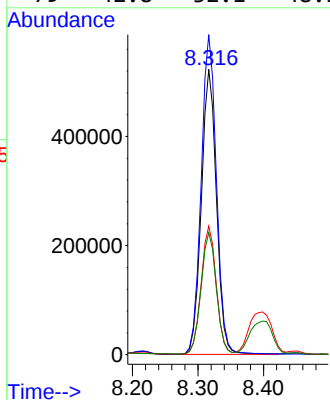
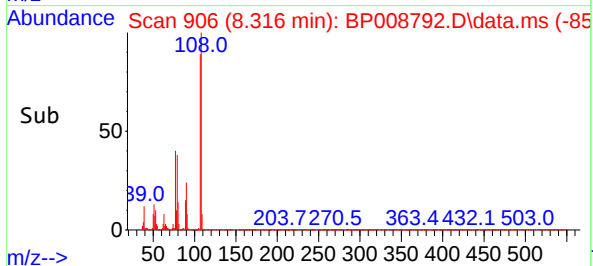
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



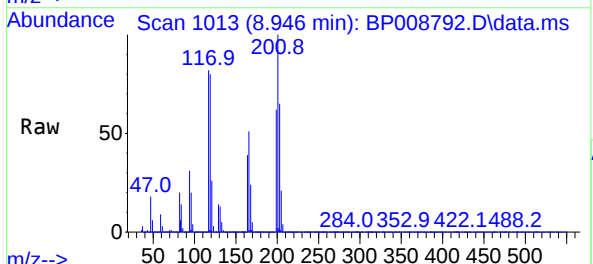
Tgt Ion:107 Resp: 841554
Ion Ratio Lower Upper
107 100
108 112.2 90.0 135.0
77 45.1 32.7 49.1
79 42.8 32.1 48.1

Manual Integrations
APPROVED

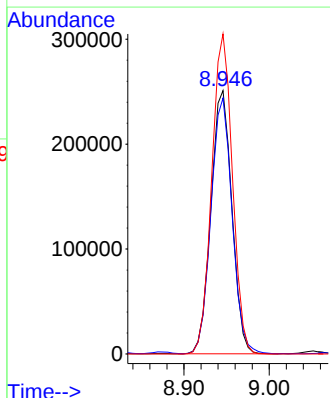
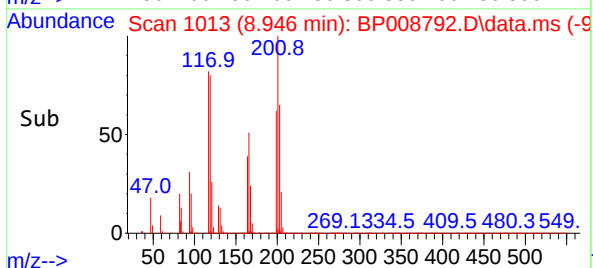
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

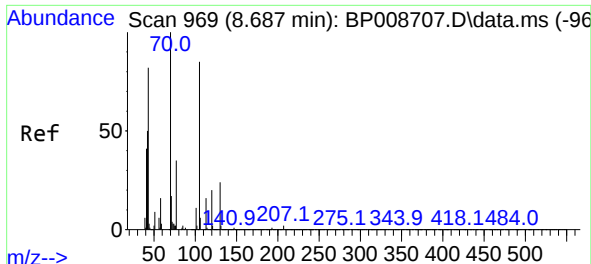


#18
Hexachloroethane
Concen: 41.958 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion:117 Resp: 430016
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3
201 121.5 93.7 140.5





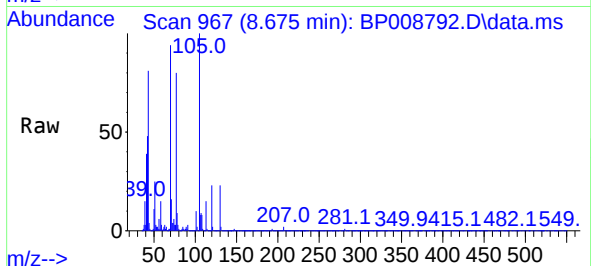
#19
n-Nitroso-di-n-propylamine
Concen: 34.427 ng
RT: 8.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS

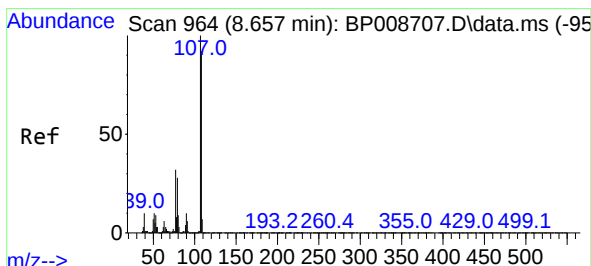
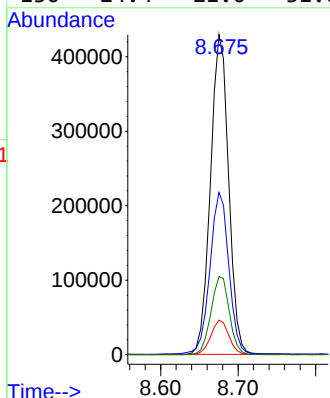
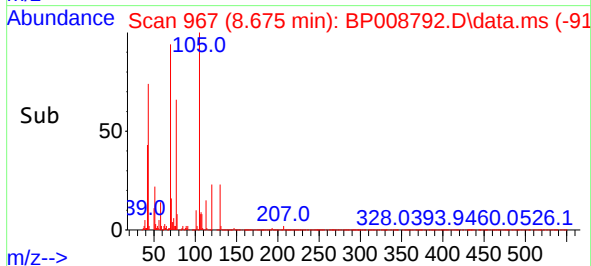


Tgt Ion: 70 Resp: 700710
Ion Ratio Lower Upper
70 100
42 50.7 38.2 57.2
101 10.8 8.7 13.1
130 24.4 21.0 31.6

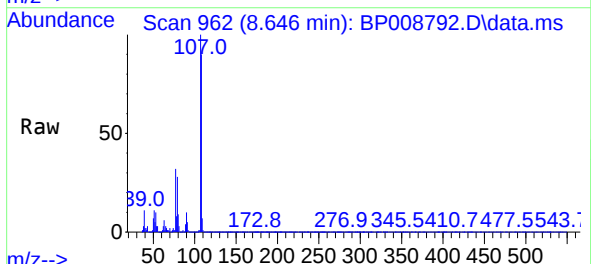
Manual Integrations

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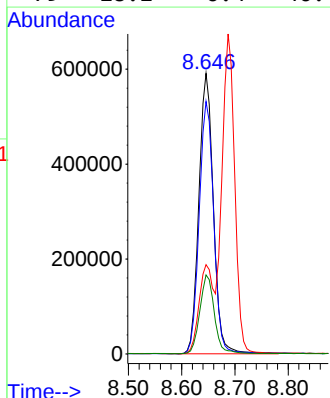
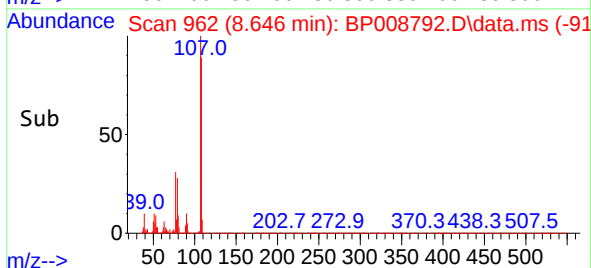
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

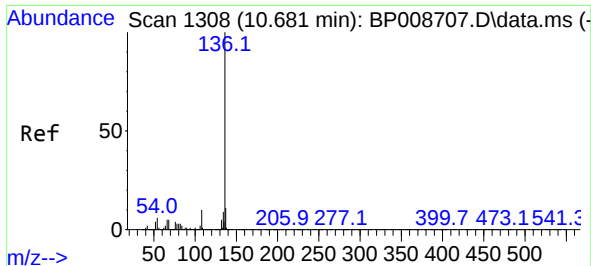


#20
3+4-Methylphenols
Concen: 36.345 ng
RT: 8.646 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion:107 Resp: 1115255
Ion Ratio Lower Upper
107 100
108 90.0 69.8 109.8
77 31.8 10.4 50.4
79 28.2 6.4 46.4





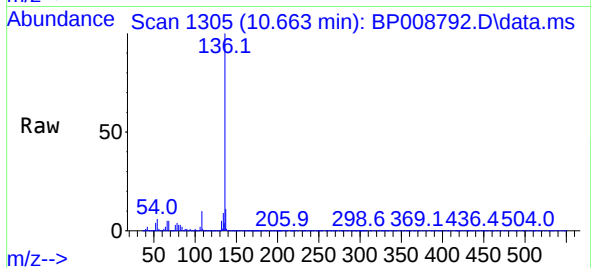
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS



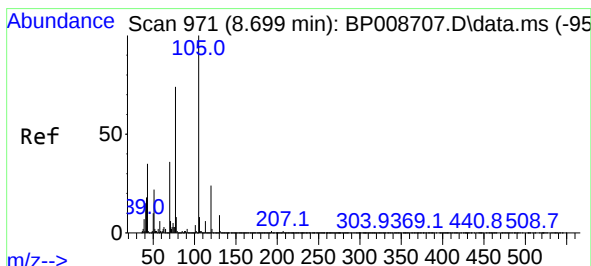
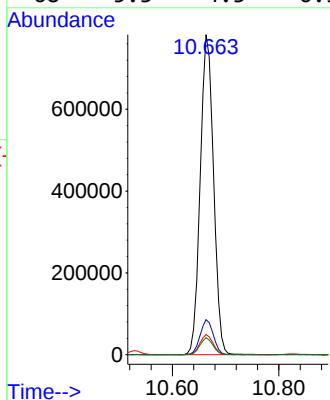
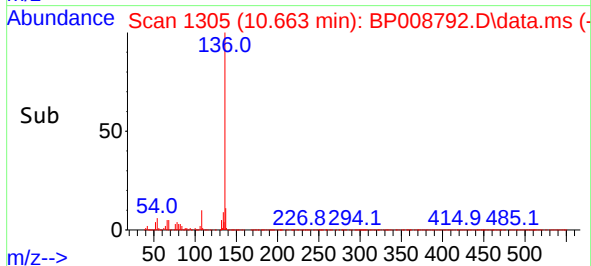
Tgt Ion:136 Resp: 135519

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.3	4.9	7.3
68	5.3	4.3	6.5

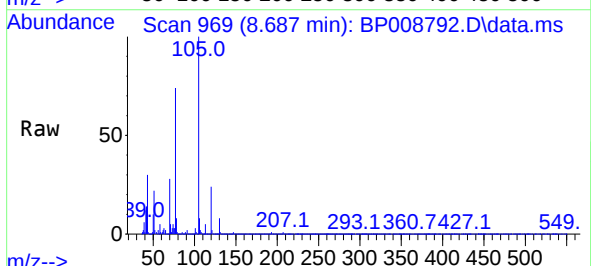
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

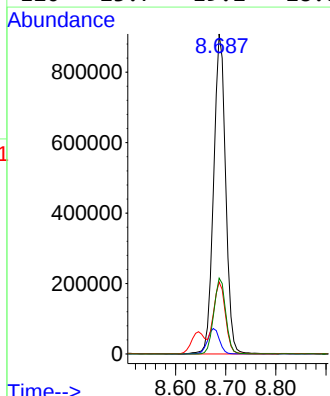
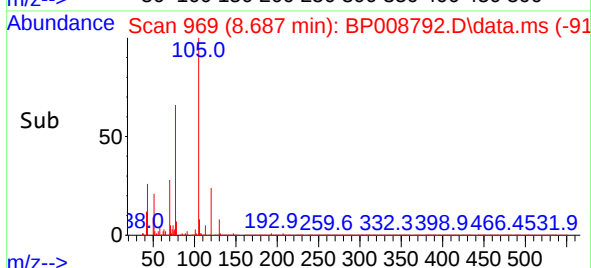


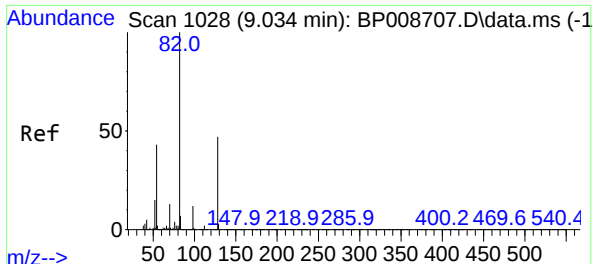
#22
Acetophenone
Concen: 42.351 ng
RT: 8.687 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion:105 Resp: 1514387

Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.3	7.9#
51	22.5	16.3	24.5
120	23.7	19.2	28.8





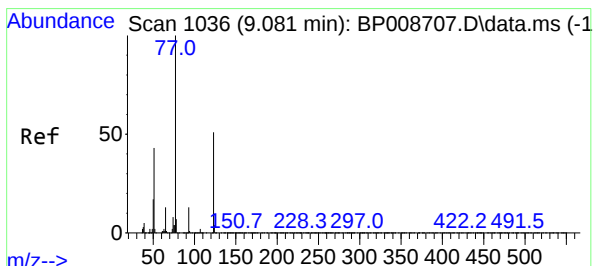
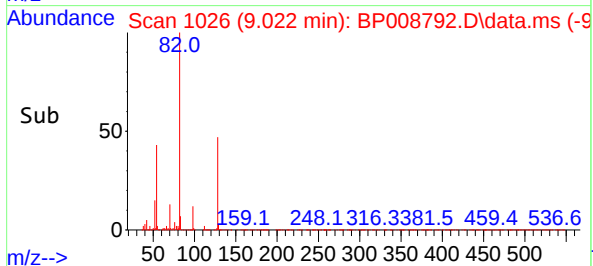
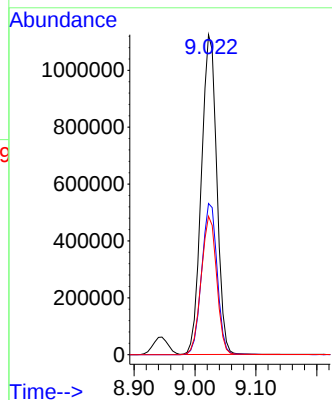
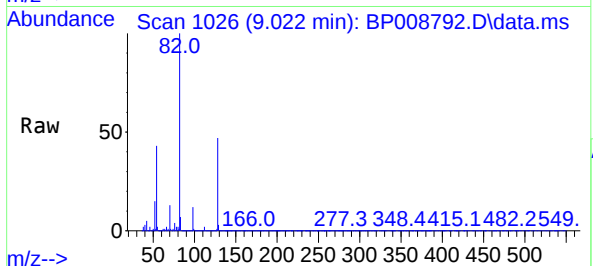
#23
Nitrobenzene-d5
Concen: 82.417 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion: 82 Resp: 1972194
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 43.3 32.6 48.8

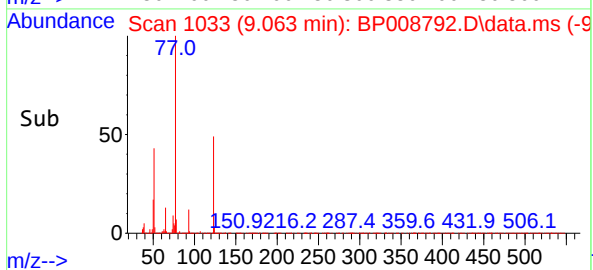
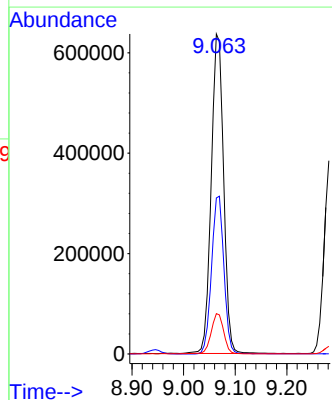
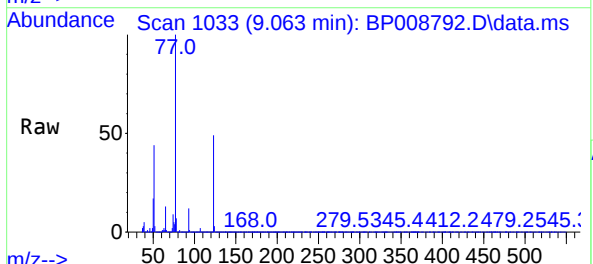
Manual Integrations
APPROVED

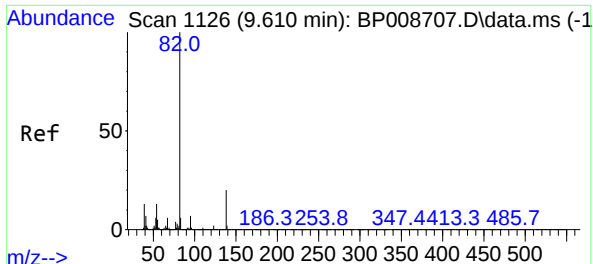
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#24
Nitrobenzene
Concen: 43.741 ng
RT: 9.063 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 77 Resp: 1059575
Ion Ratio Lower Upper
77 100
123 48.8 41.4 62.2
65 12.6 9.8 14.8





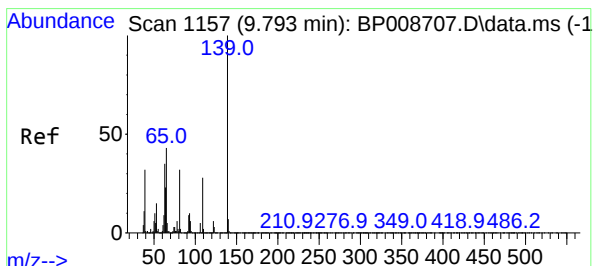
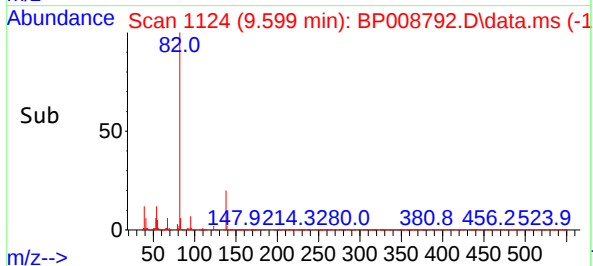
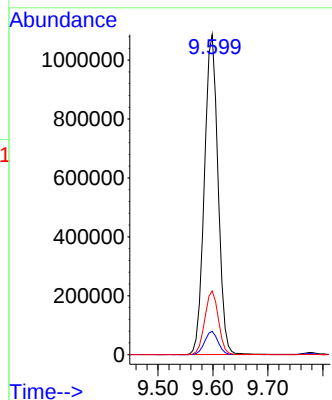
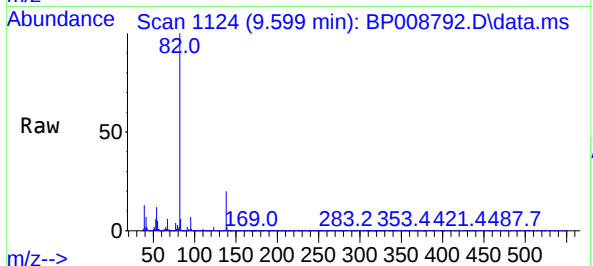
#25
Isophorone
Concen: 39.715 ng
RT: 9.599 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion: 82 Resp: 1869058
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 19.9 16.6 24.8

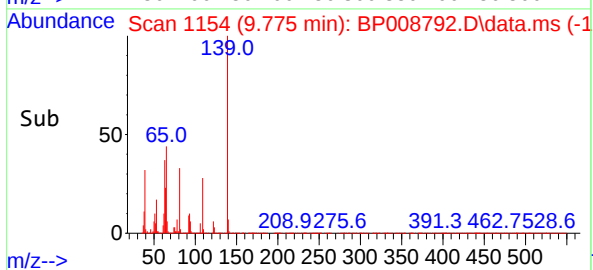
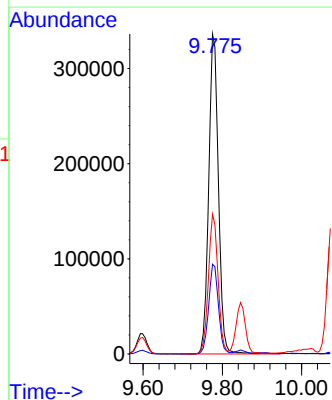
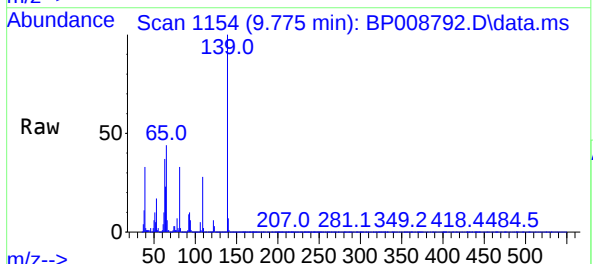
Manual Integrations
APPROVED

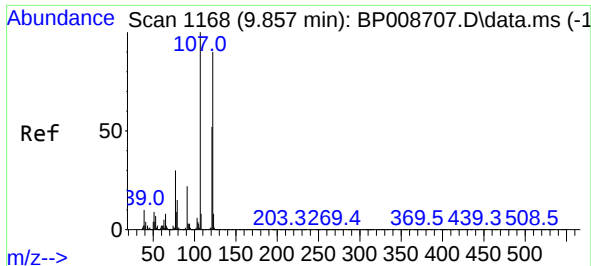
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#26
2-Nitrophenol
Concen: 45.284 ng
RT: 9.775 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

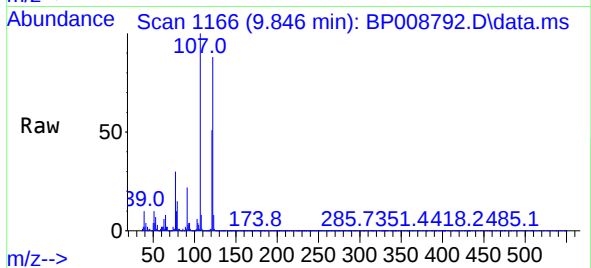
Tgt Ion:139 Resp: 572069
Ion Ratio Lower Upper
139 100
109 28.1 20.7 31.1
65 43.7 31.6 47.4





#27
2,4-Dimethylphenol
Concen: 40.284 ng
RT: 9.846 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

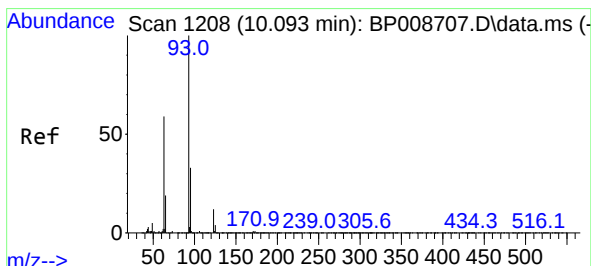
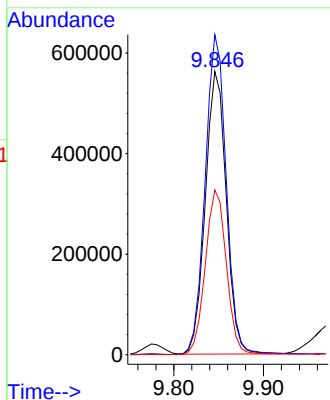
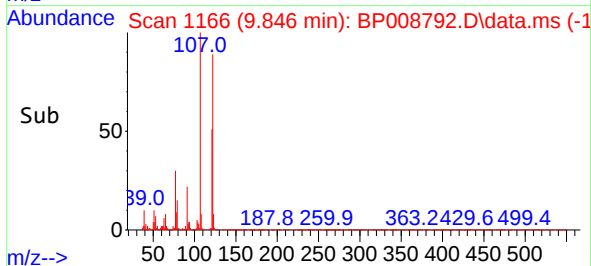
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:122 Resp: 91156
Ion Ratio Lower Upper
122 100
107 113.0 89.6 134.4
121 58.1 47.8 71.8

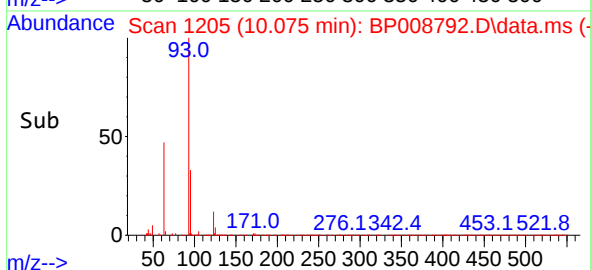
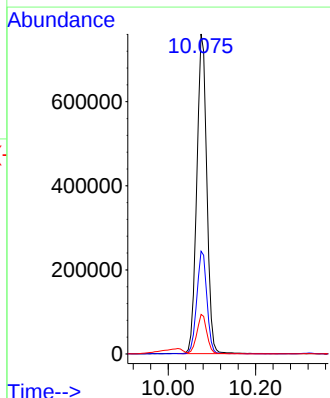
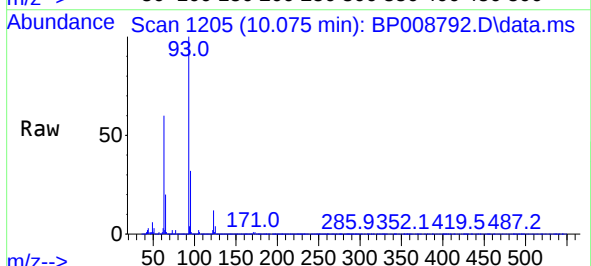
Manual Integrations
APPROVED

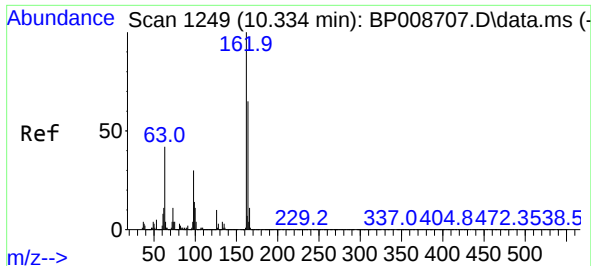
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.334 ng
RT: 10.075 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 93 Resp: 1212911
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 12.4 9.7 14.5





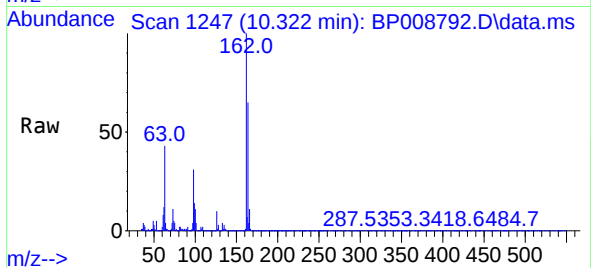
#29
2,4-Dichlorophenol
Concen: 42.361 ng
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS

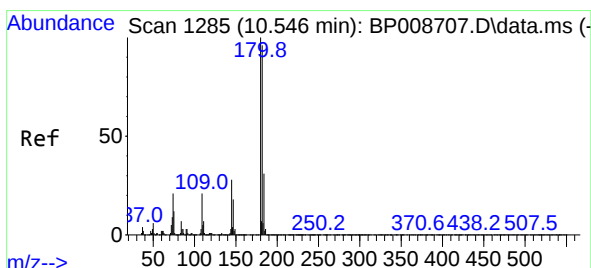
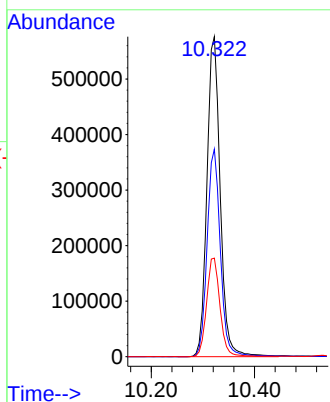
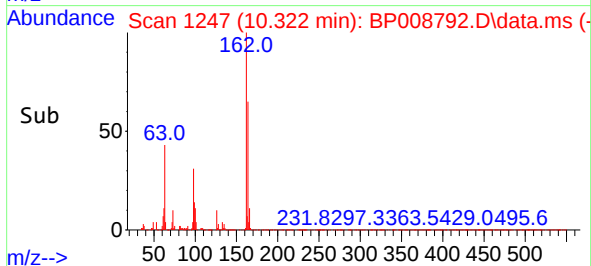


Tgt Ion:162 Resp: 102755
Ion Ratio Lower Upper
162 100
164 64.8 44.9 84.9
98 30.8 11.2 51.2

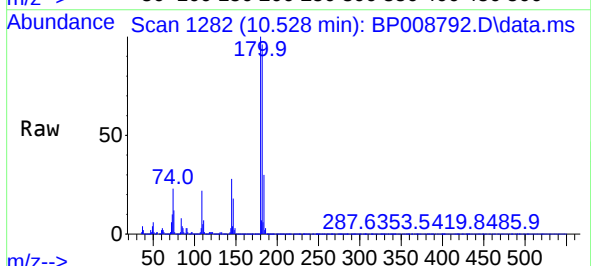
Manual Integrations

APPROVED

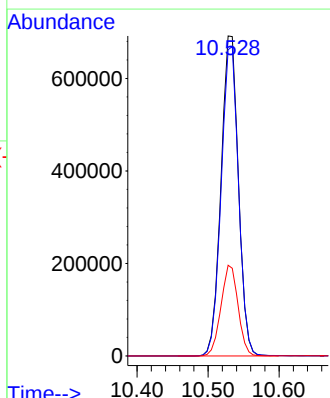
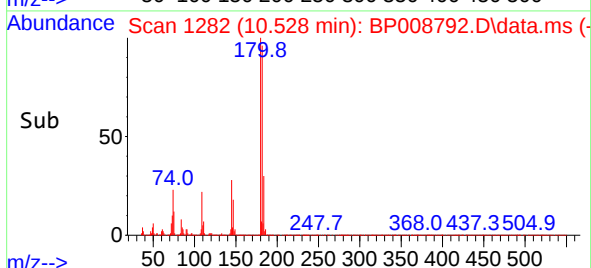
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

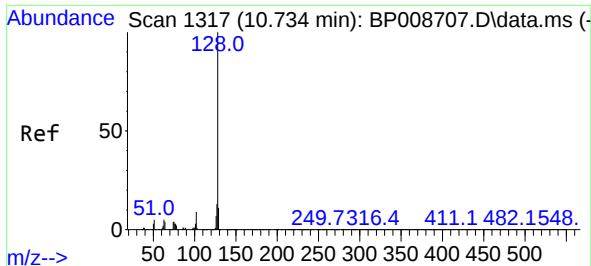


#30
1,2,4-Trichlorobenzene
Concen: 44.338 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion:180 Resp: 1171706
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
145 28.3 22.4 33.6





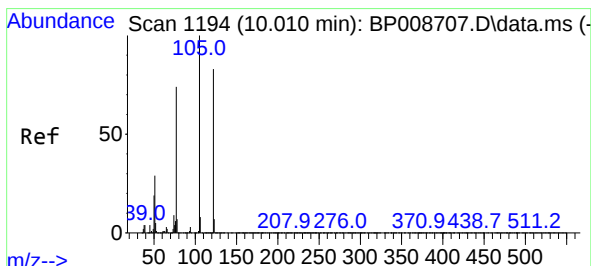
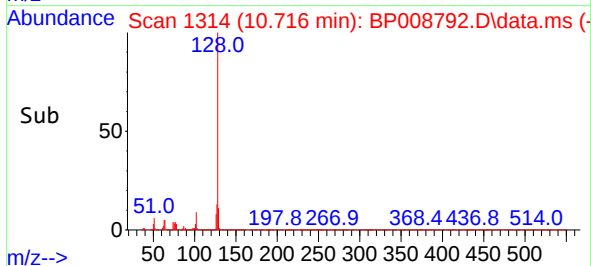
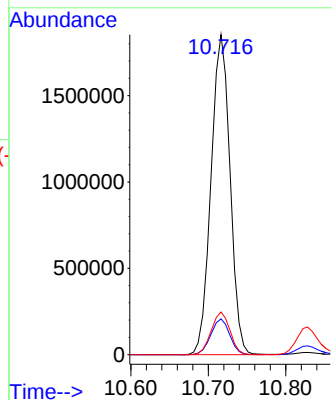
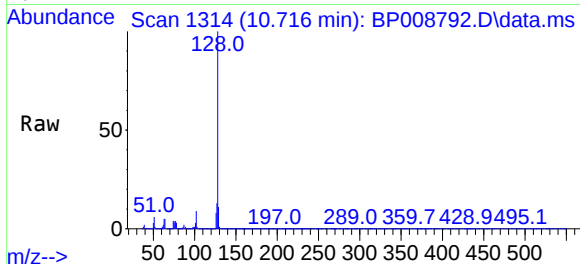
#31
Naphthalene
Concen: 43.093 ng
RT: 10.716 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion:128 Resp: 3157589
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.4 15.6

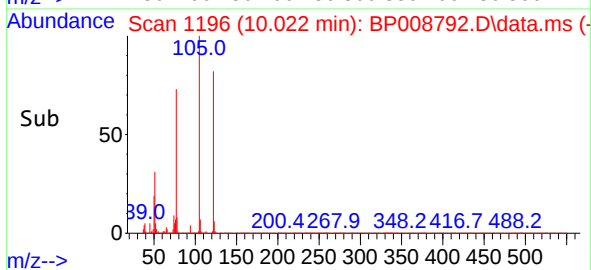
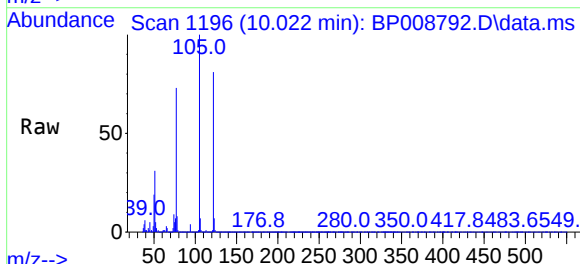
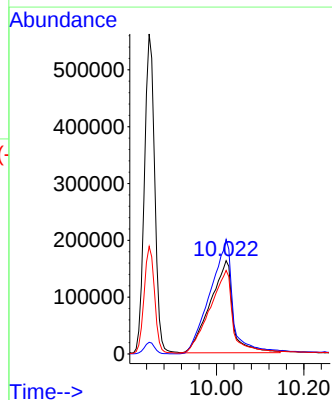
Manual Integrations
APPROVED

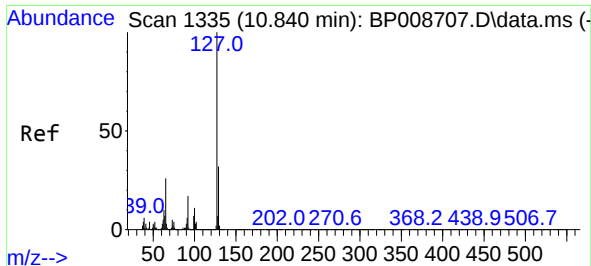
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#32
Benzoic acid
Concen: 38.944 ng
RT: 10.022 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:122 Resp: 589179
Ion Ratio Lower Upper
122 100
105 122.7 100.1 140.1
77 89.4 65.5 105.5





#33
4-Chloroaniline
Concen: 9.921 ng
RT: 10.828 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

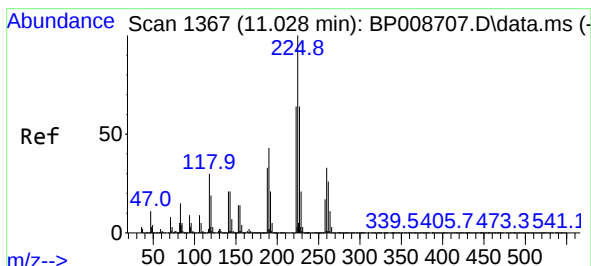
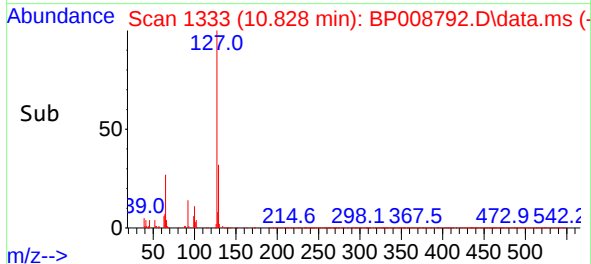
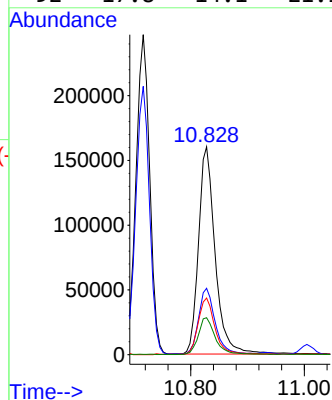
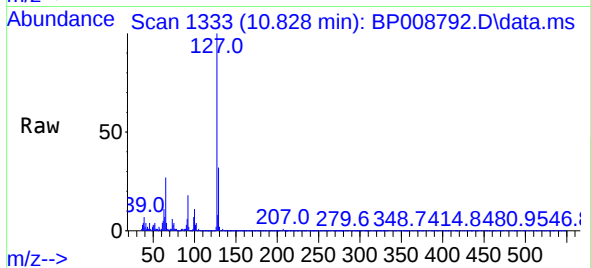
MR-SOILPILEMS

Tgt Ion:127 Resp: 32624
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 27.3 20.5 30.7
92 17.8 14.1 21.1

Manual Integrations

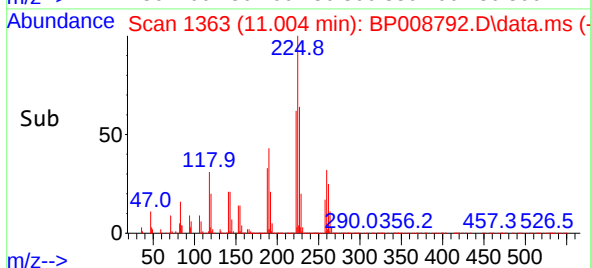
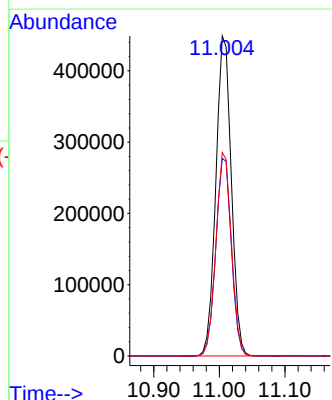
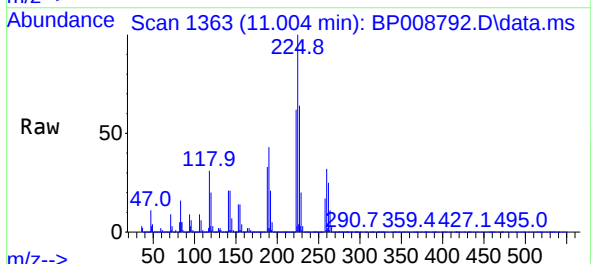
APPROVED

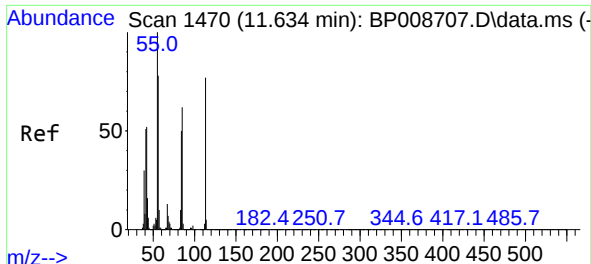
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#34
Hexachlorobutadiene
Concen: 45.844 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

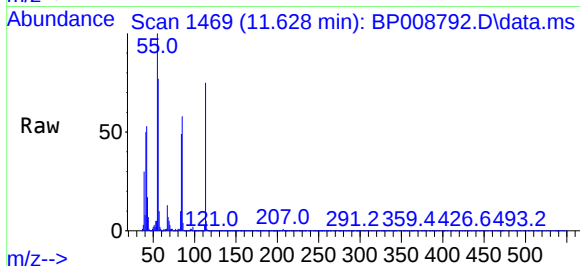
Tgt Ion:225 Resp: 732468
Ion Ratio Lower Upper
225 100
223 61.8 50.1 75.1
227 63.6 51.5 77.3





#35
Caprolactam
Concen: 32.964 ng
RT: 11.628 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

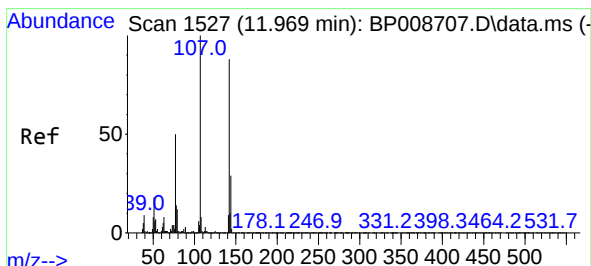
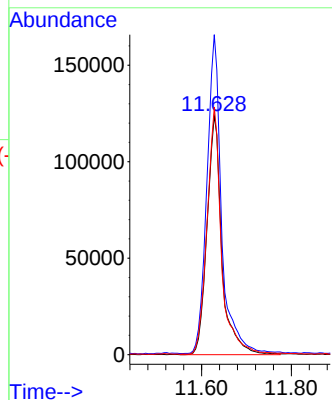
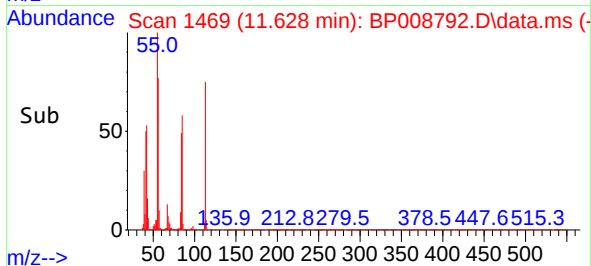
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:113 Resp: 284159
Ion Ratio Lower Upper
113 100
55 134.0 107.1 147.1
56 103.7 74.1 114.1

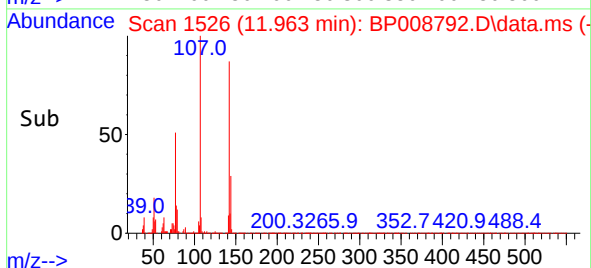
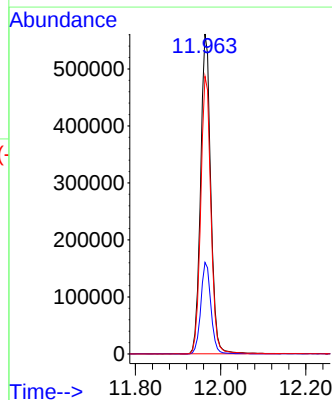
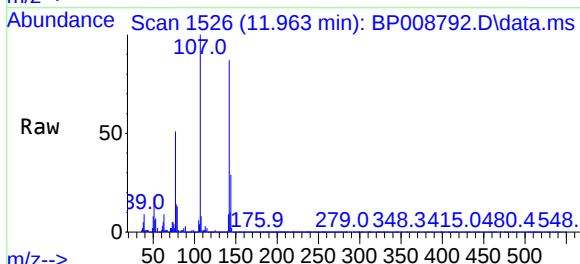
Manual Integrations
APPROVED

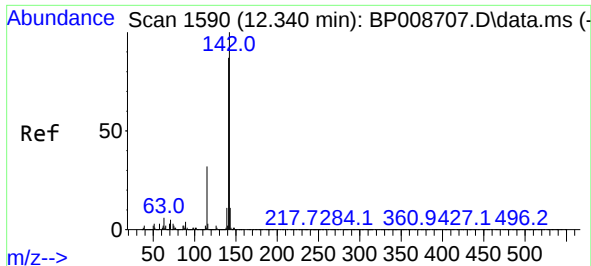
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#36
4-Chloro-3-methylphenol
Concen: 37.950 ng
RT: 11.963 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

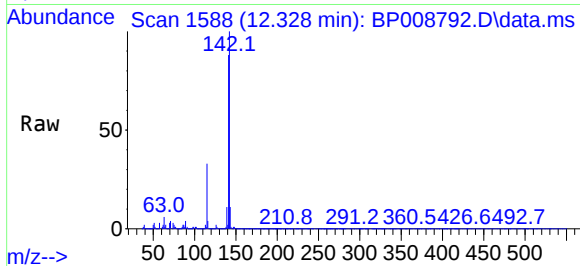
Tgt Ion:107 Resp: 932411
Ion Ratio Lower Upper
107 100
144 28.6 23.2 34.8
142 86.8 70.1 105.1





#37
2-Methylnaphthalene
Concen: 40.194 ng
RT: 12.328 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

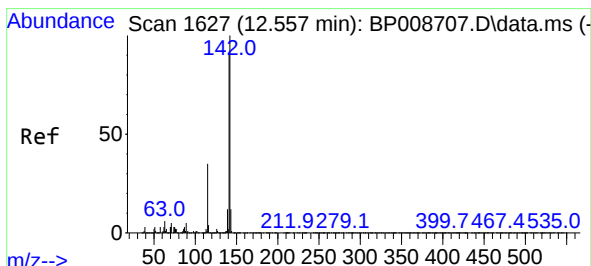
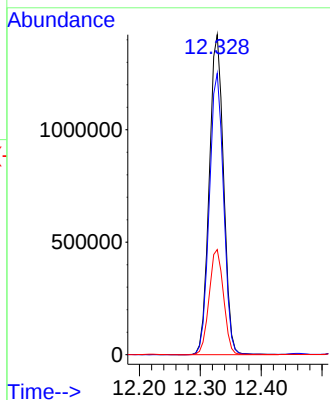
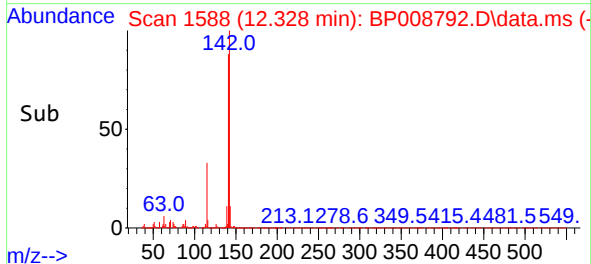
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



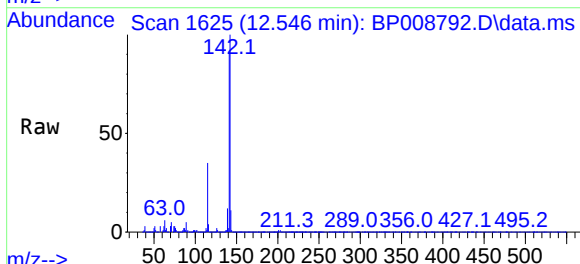
Tgt Ion:142 Resp: 2317149
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 32.8 24.6 36.8

Manual Integrations
APPROVED

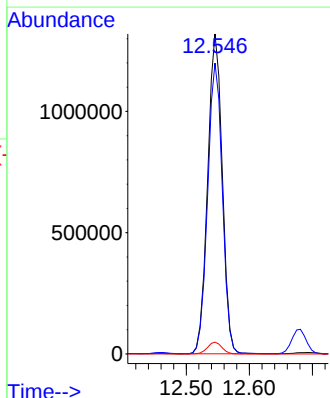
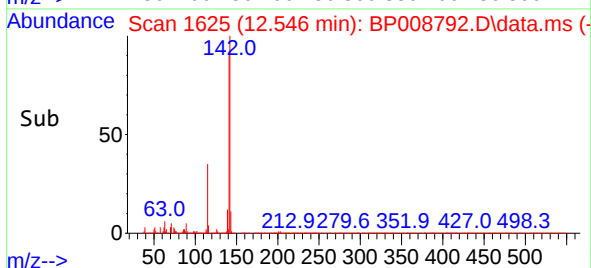
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

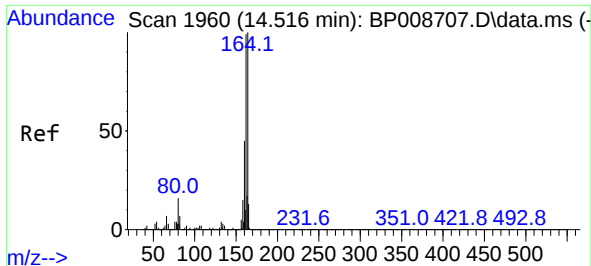


#38
1-Methylnaphthalene
Concen: 39.492 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



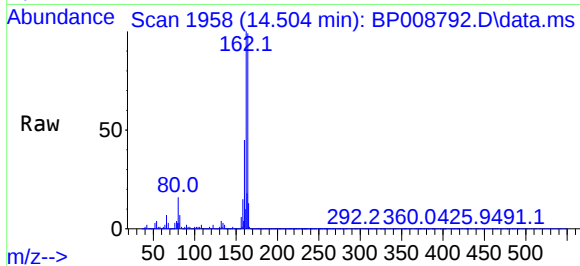
Tgt Ion:142 Resp: 2114502
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8
116 3.7 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

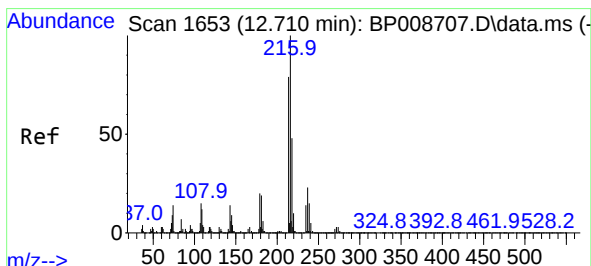
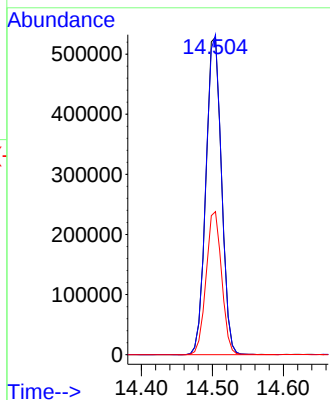
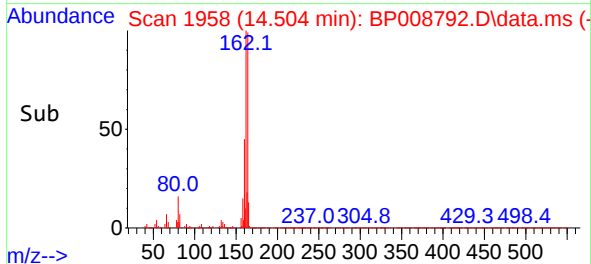
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:164 Resp: 806964
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 45.1 35.5 53.3

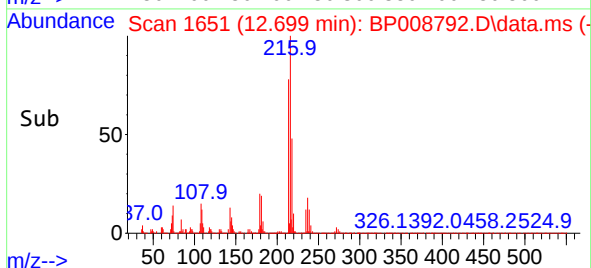
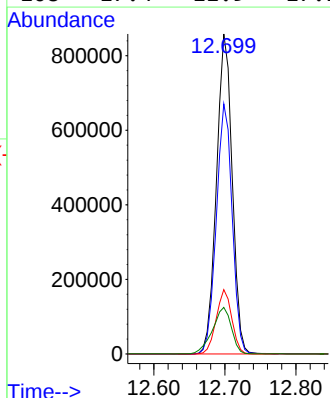
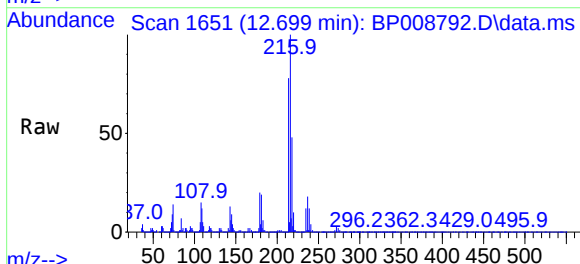
Manual Integrations
APPROVED

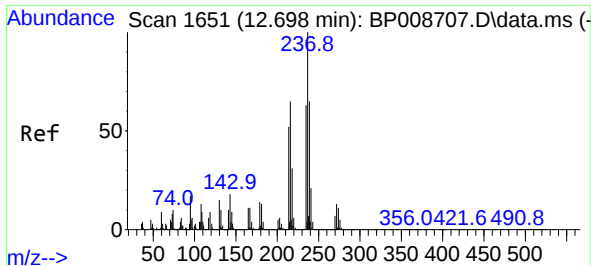
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.094 ng
RT: 12.699 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

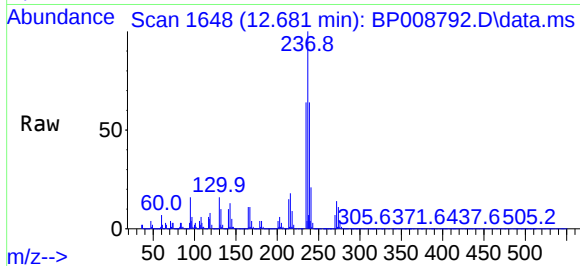
Tgt Ion:216 Resp: 1316900
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.9 16.0 24.0
108 17.4 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 92.123 ng
RT: 12.681 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

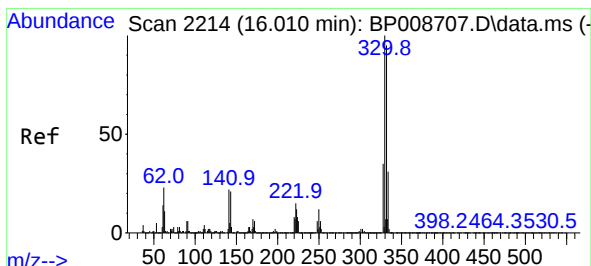
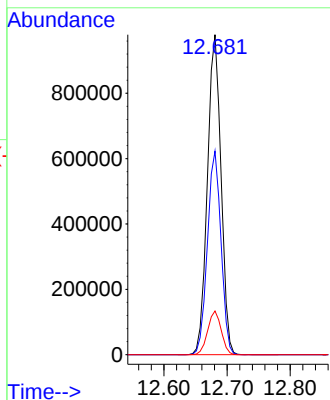
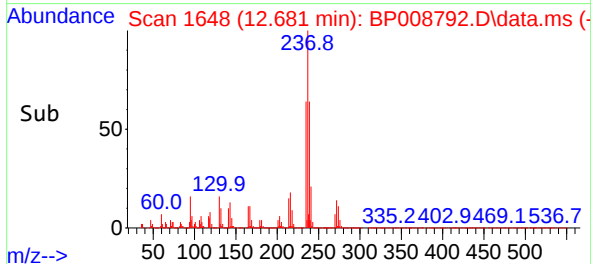
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion: 237 Resp: 1469120
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 13.7 0.0 33.8

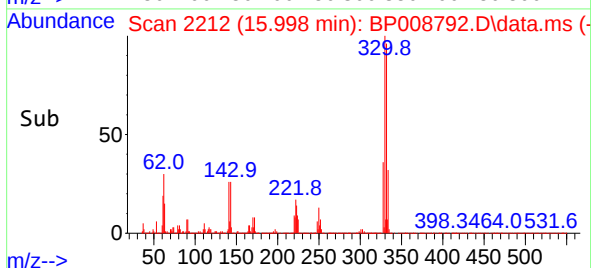
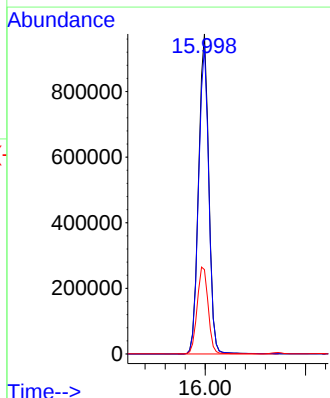
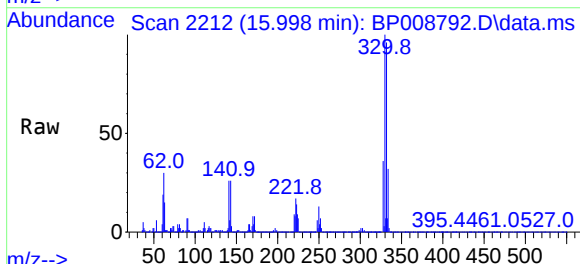
Manual Integrations
APPROVED

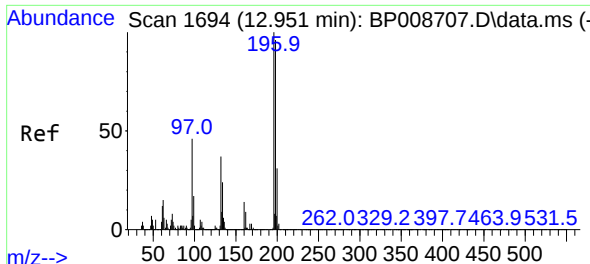
Reviewed By : Christian Giraldo 01/14/2022
Supervised By : Jagrut Upadhyay 01/14/2022



#42
2,4,6-Tribromophenol
Concen: 101.117 ng
RT: 15.998 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

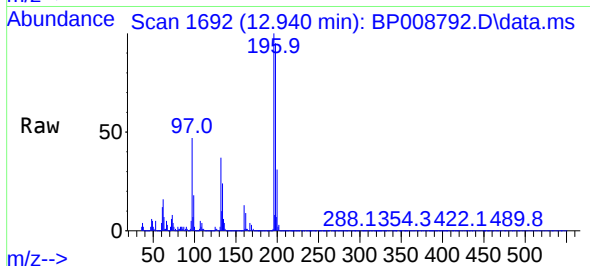
Tgt Ion: 330 Resp: 1376636
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 29.1 21.3 31.9





#43
2,4,6-Trichlorophenol
Concen: 45.702 ng
RT: 12.940 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

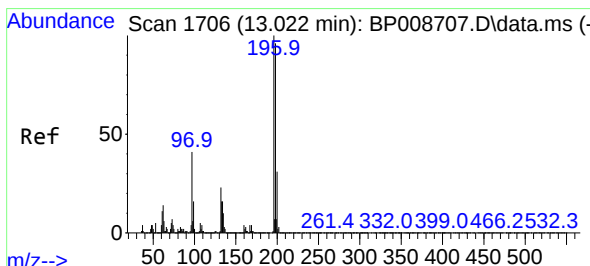
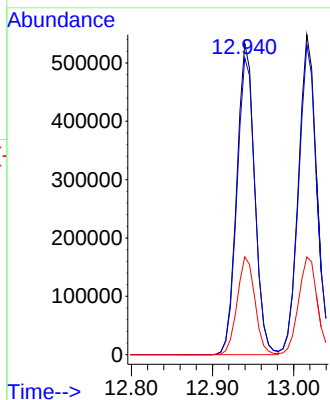
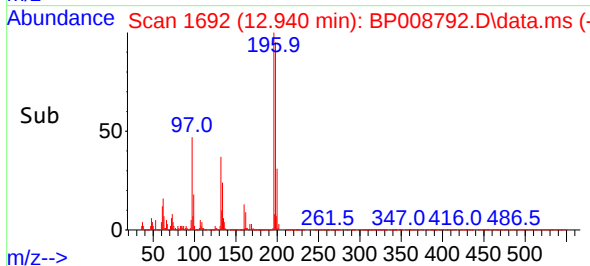
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



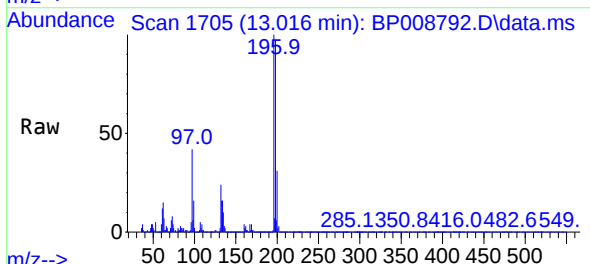
Tgt Ion:196 Resp: 81622
Ion Ratio Lower Upper
196 100
198 95.4 77.8 116.8
200 31.5 24.7 37.1

Manual Integrations
APPROVED

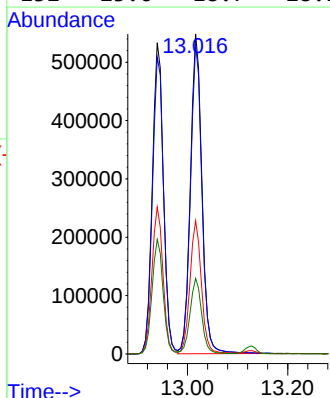
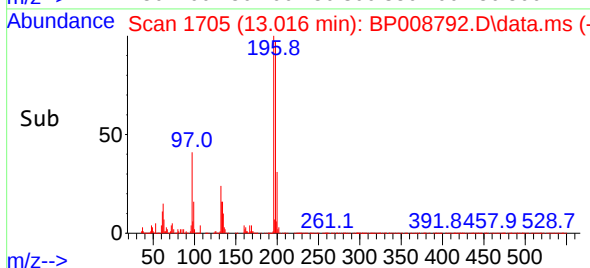
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

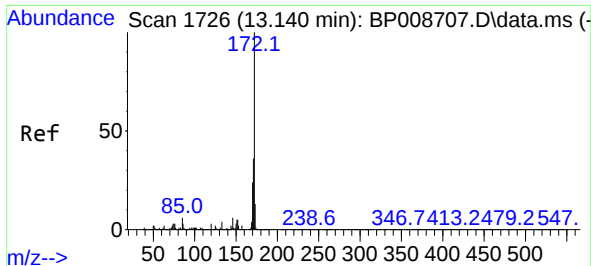


#44
2,4,5-Trichlorophenol
Concen: 44.588 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



Tgt Ion:196 Resp: 875358
Ion Ratio Lower Upper
196 100
198 96.9 77.7 116.5
97 41.6 29.6 44.4
132 23.6 18.7 28.1





#45
2-Fluorobiphenyl
Concen: 82.175 ng
RT: 13.128 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

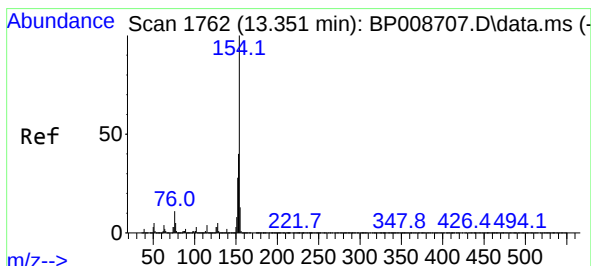
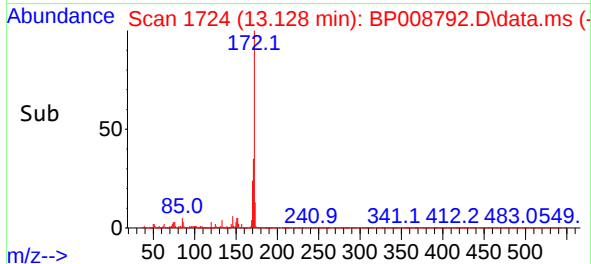
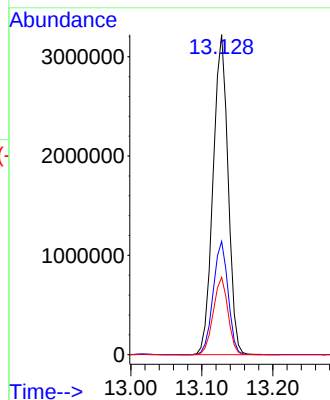
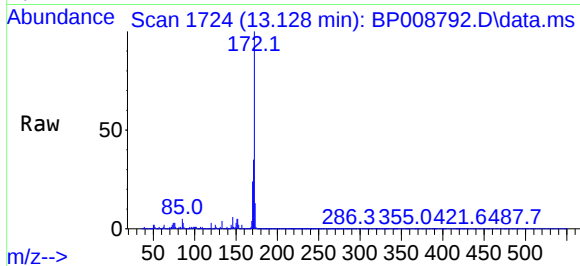
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Tgt Ion:172 Resp: 471673
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 24.2 19.5 29.3

Manual Integrations

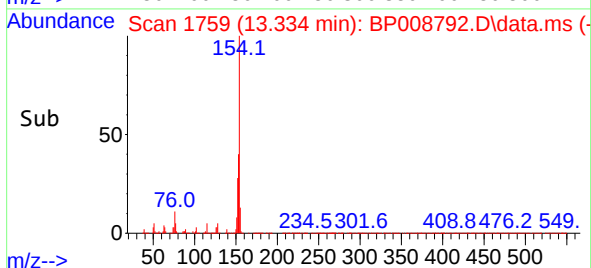
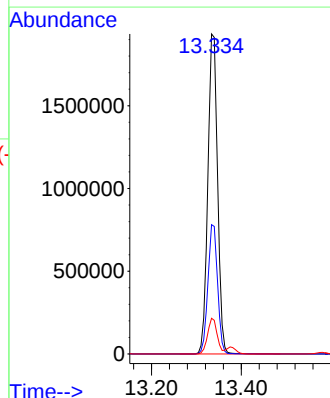
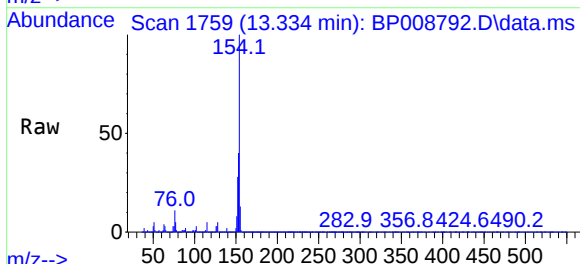
APPROVED

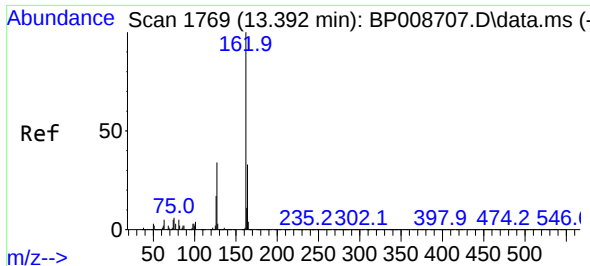
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#46
1,1'-Biphenyl
Concen: 46.118 ng
RT: 13.334 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

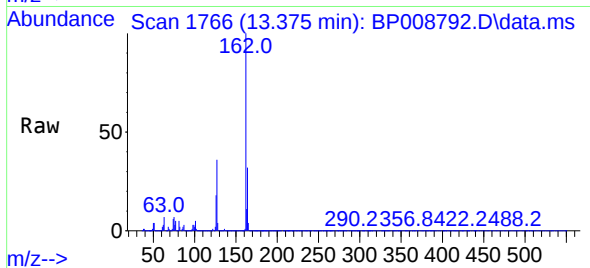
Tgt Ion:154 Resp: 2901062
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 11.1 0.0 31.1





#47
2-Chloronaphthalene
Concen: 46.022 ng
RT: 13.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

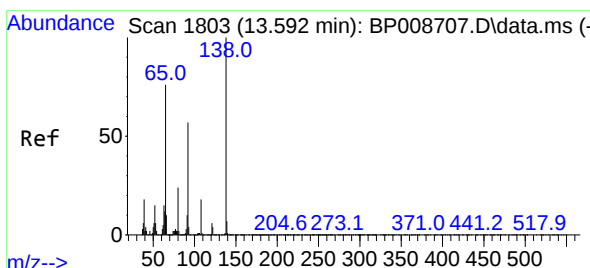
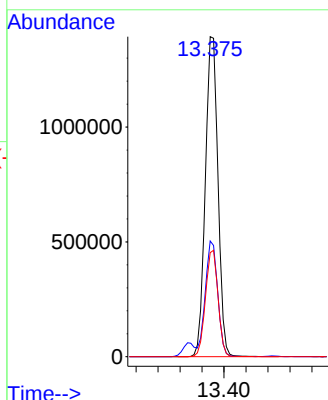
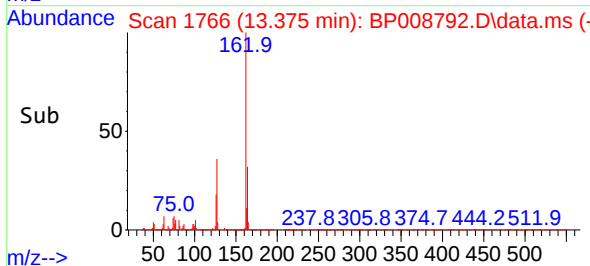
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:162 Resp: 2222000
Ion Ratio Lower Upper
162 100
127 36.2 28.4 42.6
164 32.5 26.8 40.2

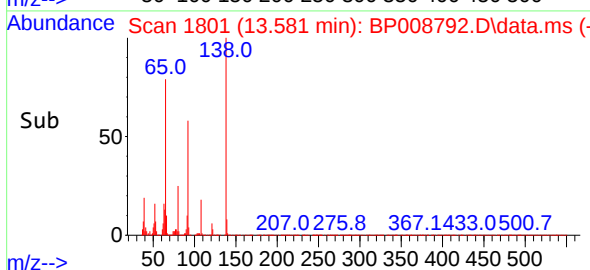
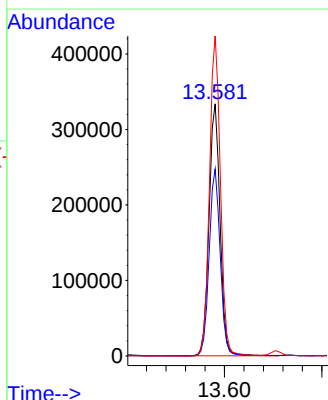
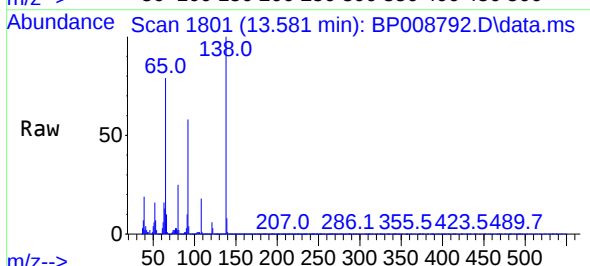
Manual Integrations
APPROVED

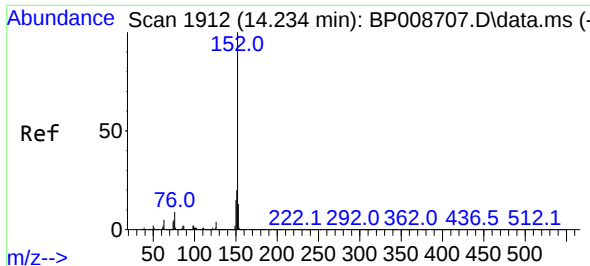
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#48
2-Nitroaniline
Concen: 44.468 ng
RT: 13.581 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion: 65 Resp: 524063
Ion Ratio Lower Upper
65 100
92 74.2 62.2 93.4
138 126.9 105.8 158.8





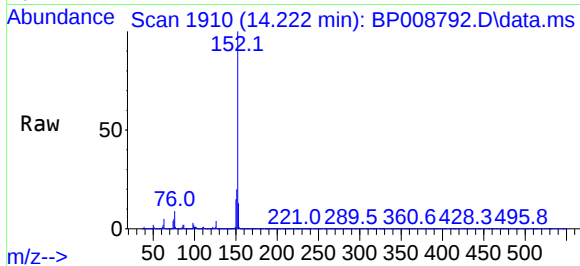
#49
Acenaphthylene
Concen: 44.449 ng
RT: 14.222 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS

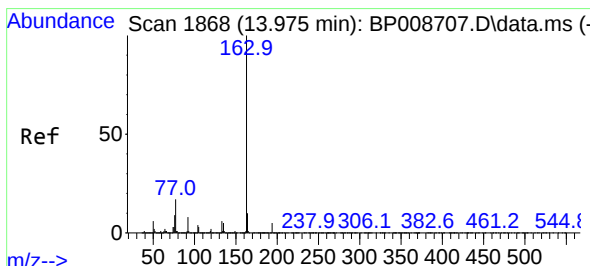
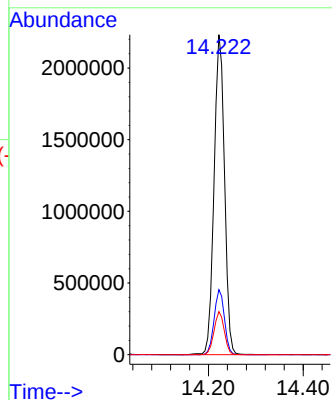
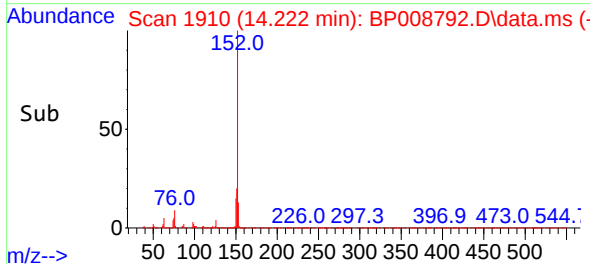


Tgt Ion:152 Resp: 3409399
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.6 16.0

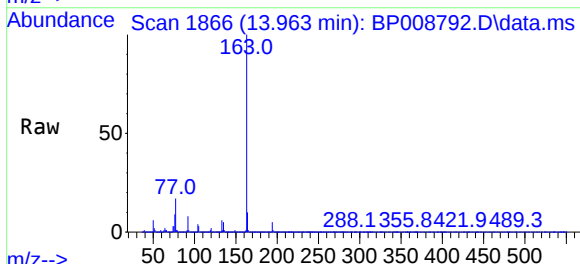
Manual Integrations

APPROVED

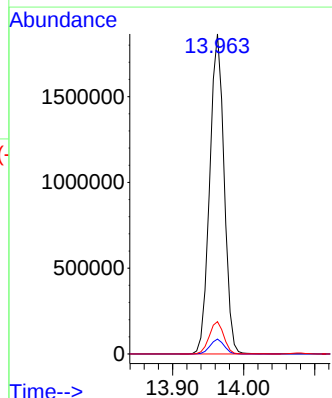
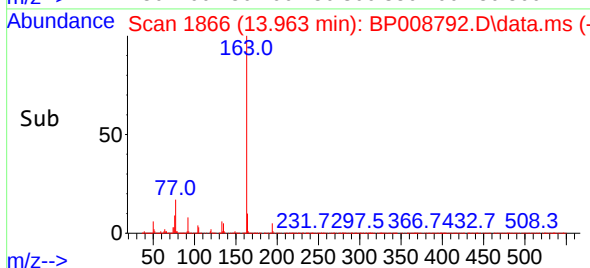
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

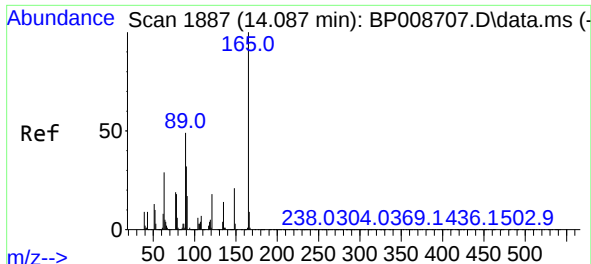


#50
Dimethylphthalate
Concen: 40.992 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



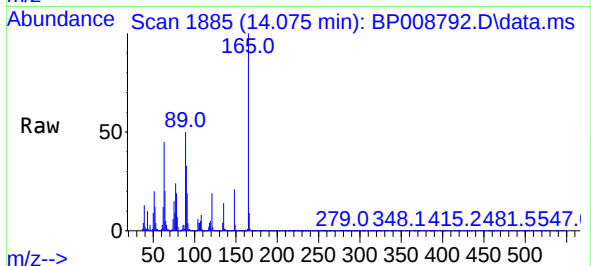
Tgt Ion:163 Resp: 2628745
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.924 ng
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

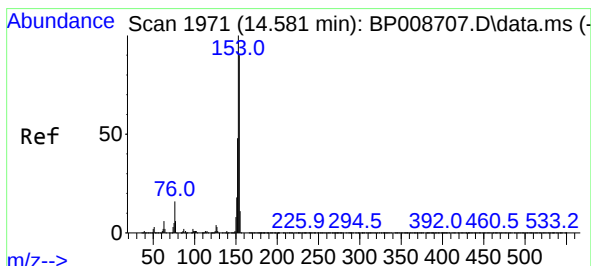
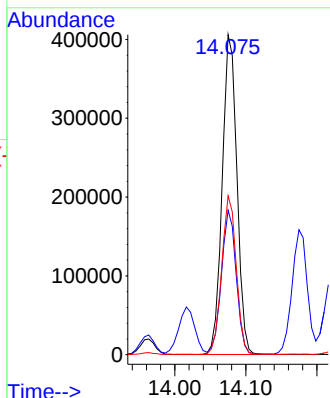
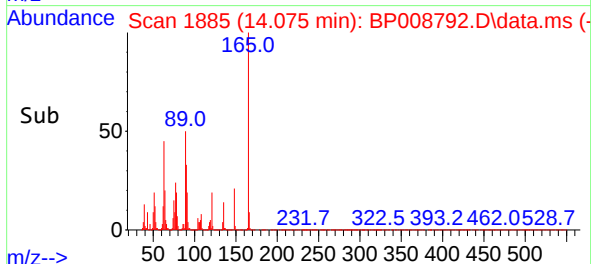
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:165 Resp: 581424
Ion Ratio Lower Upper
165 100
63 45.1 31.8 47.8
89 49.6 36.1 54.1

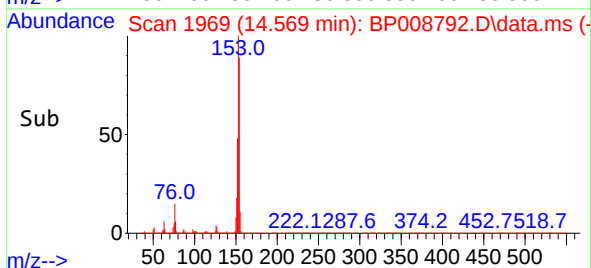
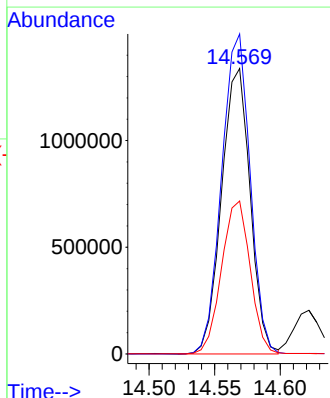
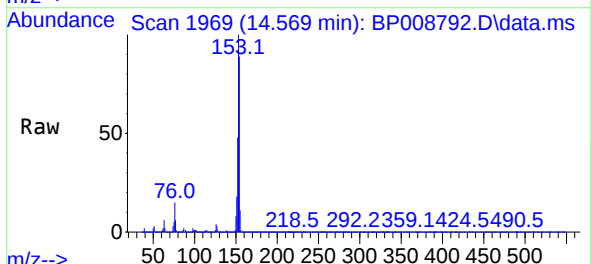
Manual Integrations
APPROVED

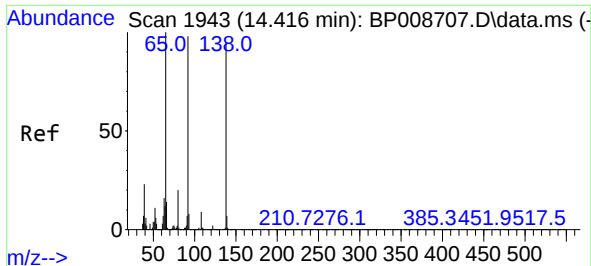
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#52
Acenaphthene
Concen: 44.266 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:154 Resp: 2033623
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.2
152 53.6 42.6 63.8





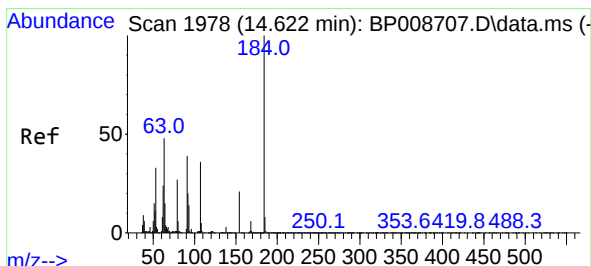
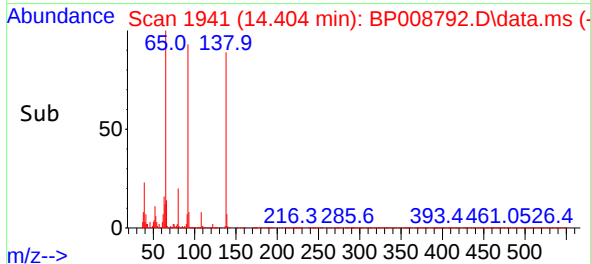
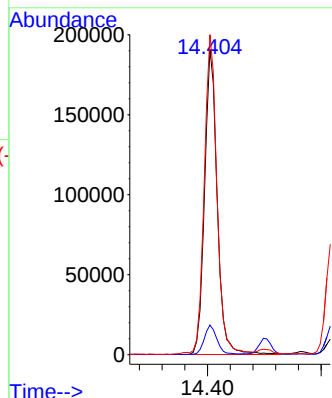
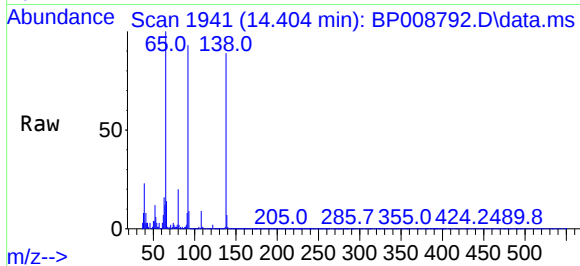
#53
3-Nitroaniline
Concen: 20.743 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion:138 Resp: 293602
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 104.8 81.7 122.5

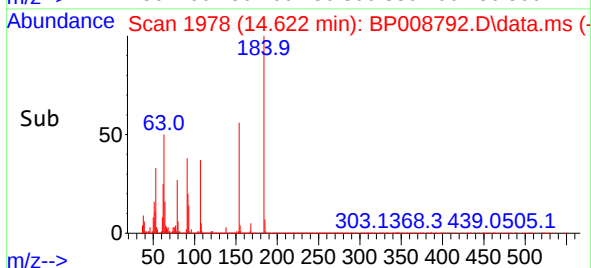
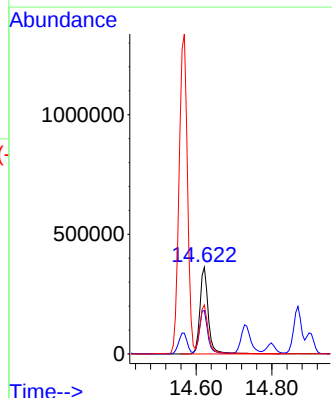
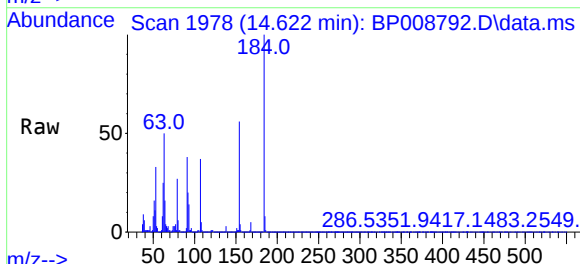
Manual Integrations
APPROVED

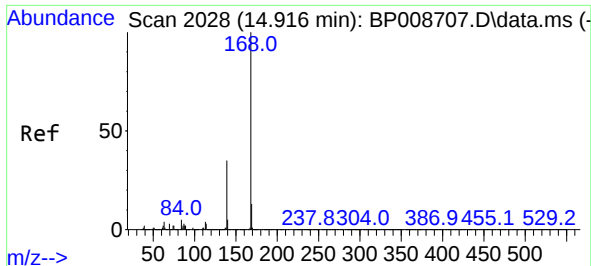
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#54
2,4-Dinitrophenol
Concen: 79.516 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

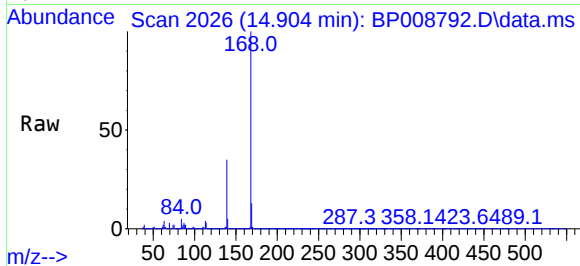
Tgt Ion:184 Resp: 562381
Ion Ratio Lower Upper
184 100
63 50.0 35.6 53.4
154 56.5 43.4 65.0





#55
Dibenzenofuran
Concen: 42.940 ng
RT: 14.904 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

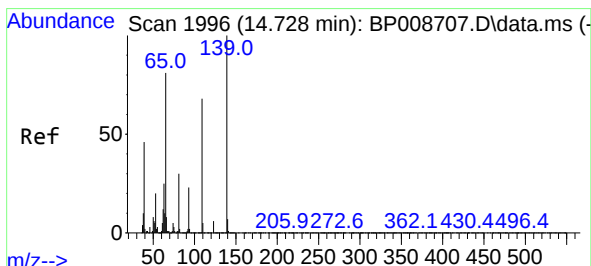
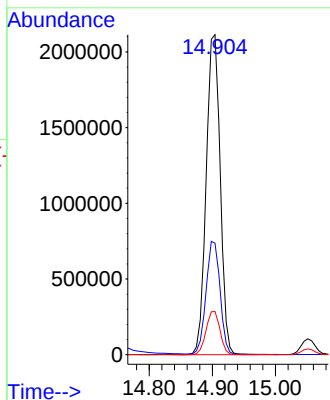
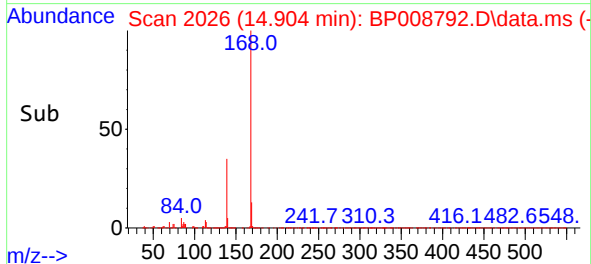
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:168 Resp: 3253358
Ion Ratio Lower Upper
168 100
139 34.8 27.4 41.0
169 13.5 10.9 16.3

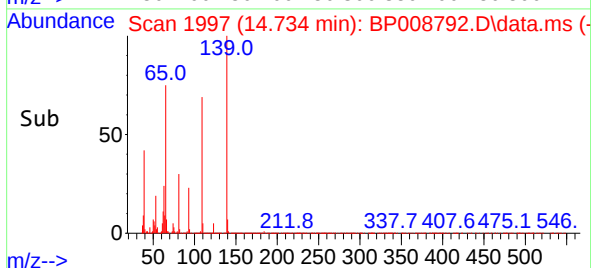
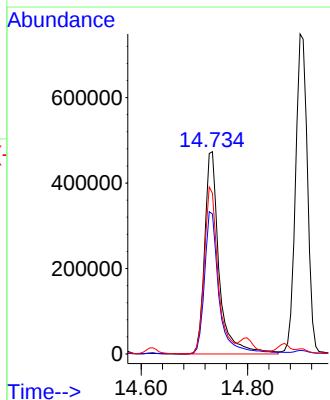
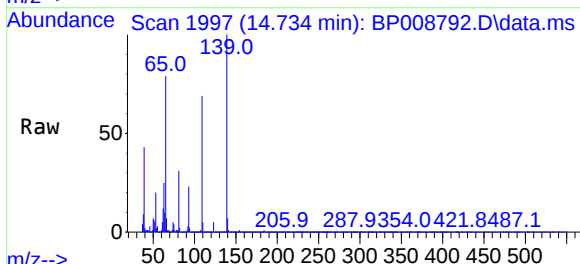
Manual Integrations
APPROVED

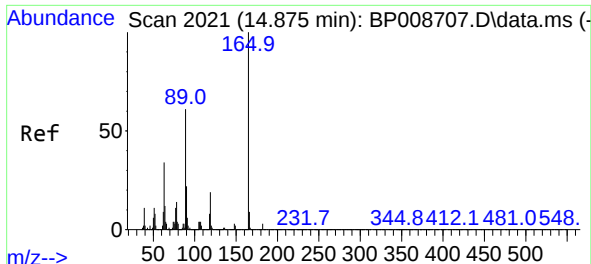
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#56
4-Nitrophenol
Concen: 75.839 ng
RT: 14.734 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

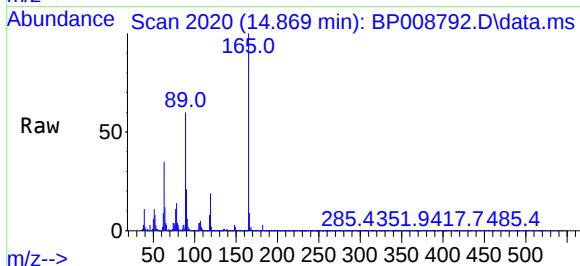
Tgt Ion:139 Resp: 893835
Ion Ratio Lower Upper
139 100
109 69.2 42.2 82.2
65 79.4 57.3 97.3





#57
2,4-Dinitrotoluene
Concen: 40.847 ng
RT: 14.869 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

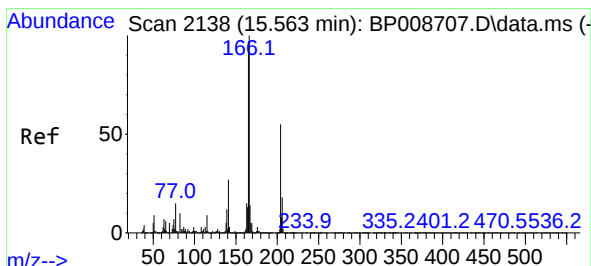
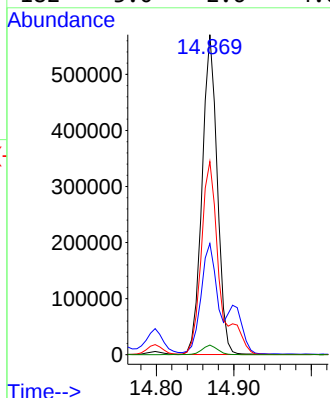
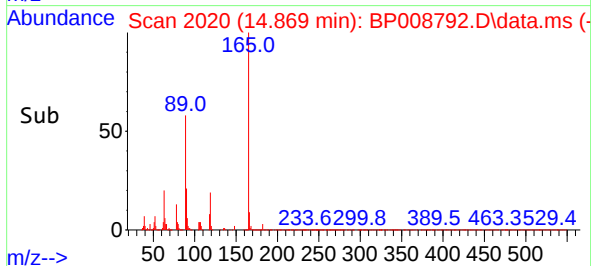
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:165 Resp: 773227
Ion Ratio Lower Upper
165 100
63 34.8 23.3 34.9
89 60.4 44.2 66.4
182 3.0 2.6 4.0

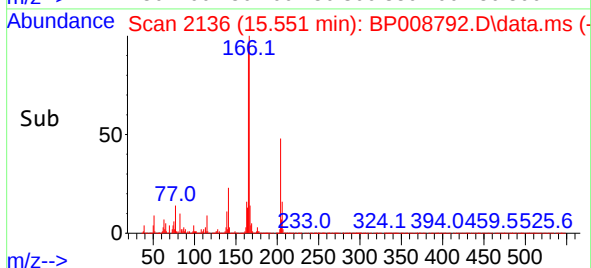
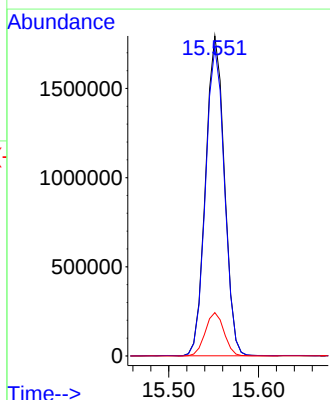
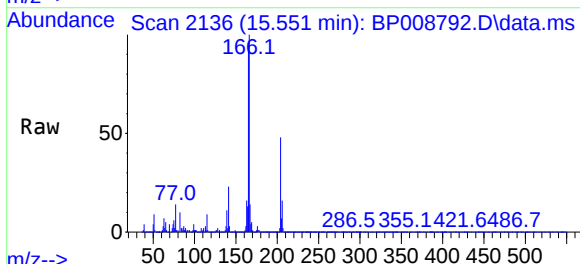
Manual Integrations
APPROVED

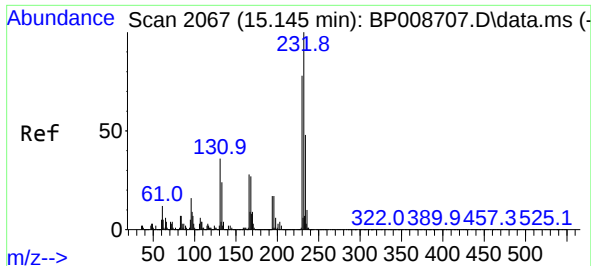
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#58
Fluorene
Concen: 42.808 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:166 Resp: 2610775
Ion Ratio Lower Upper
166 100
165 96.4 77.2 115.8
167 13.6 11.2 16.8





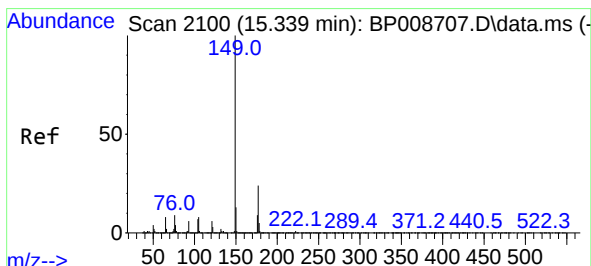
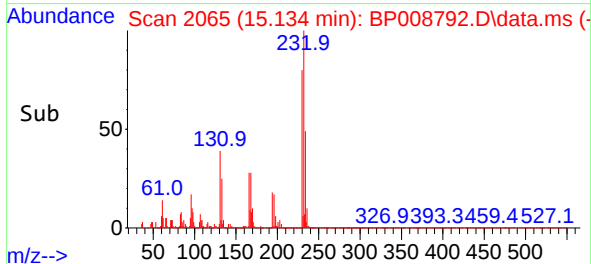
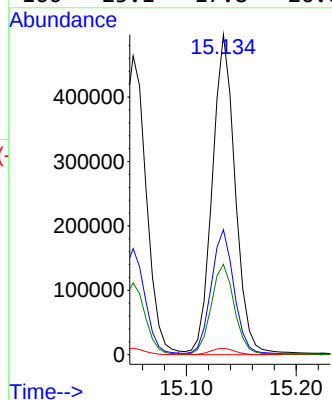
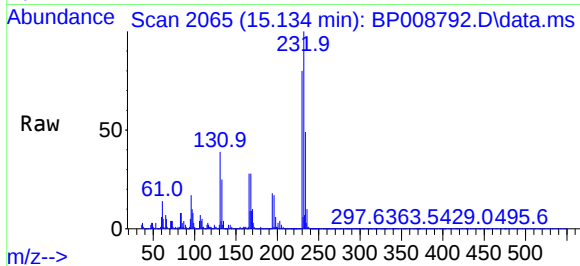
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.045 ng m
RT: 15.134 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion:232 Resp: 724109
Ion Ratio Lower Upper
232 100
131 34.3 25.2 37.8
130 2.1 1.4 2.2
166 23.1 17.8 26.6

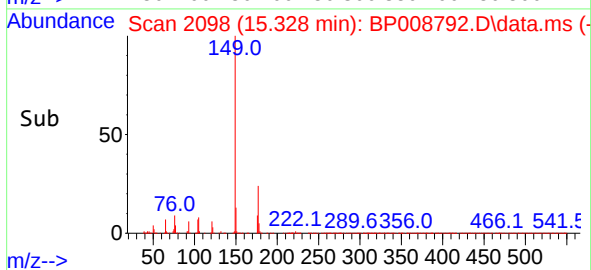
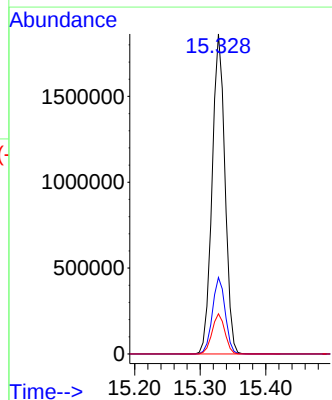
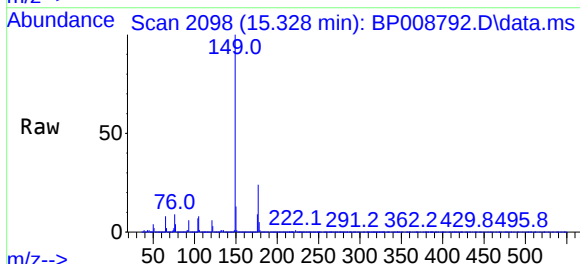
Manual Integrations
APPROVED

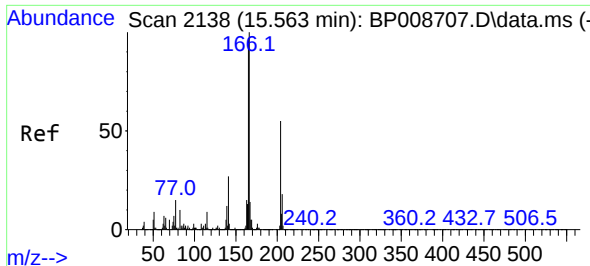
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#60
Diethylphthalate
Concen: 40.753 ng
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:149 Resp: 2534136
Ion Ratio Lower Upper
149 100
177 23.9 19.9 29.9
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.502 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

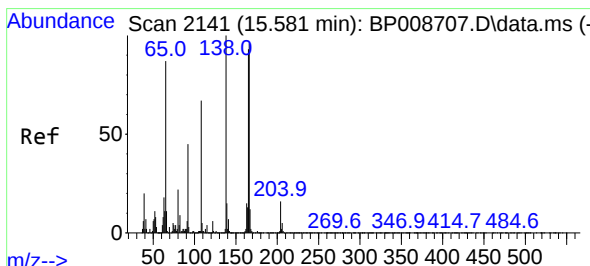
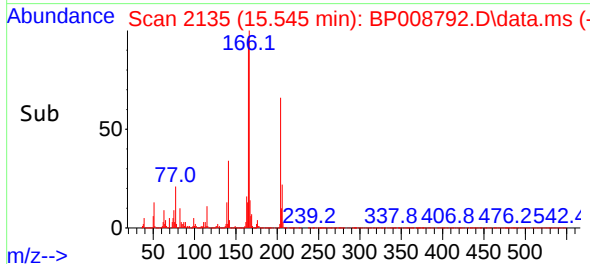
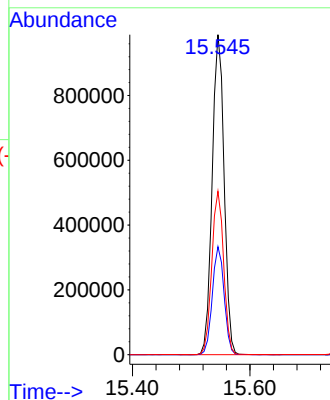
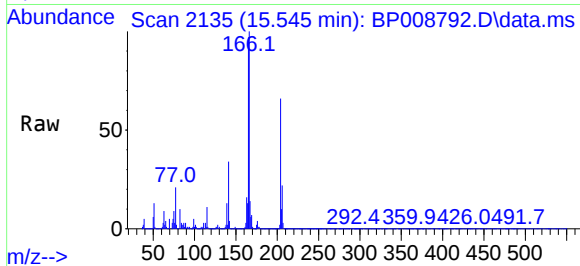
MR-SOILPILEMS

Tgt Ion:204 Resp: 139070
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 51.1 39.1 58.7

Manual Integrations

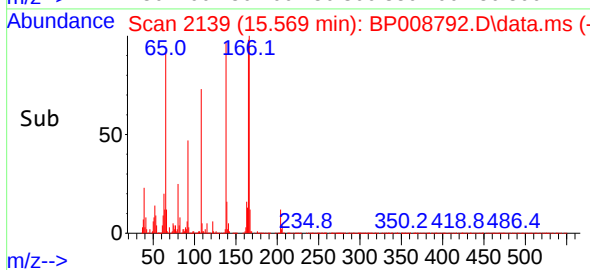
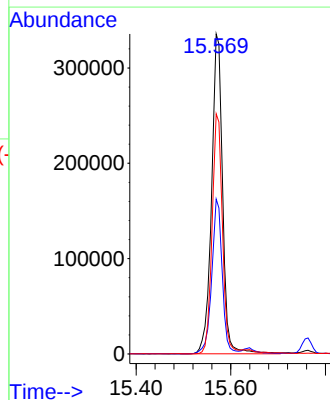
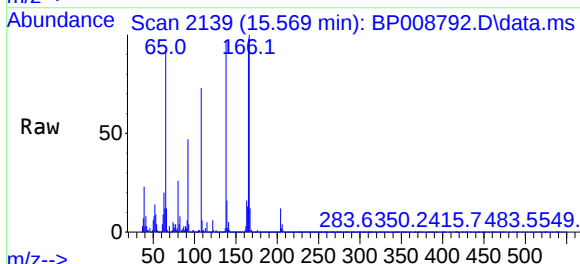
APPROVED

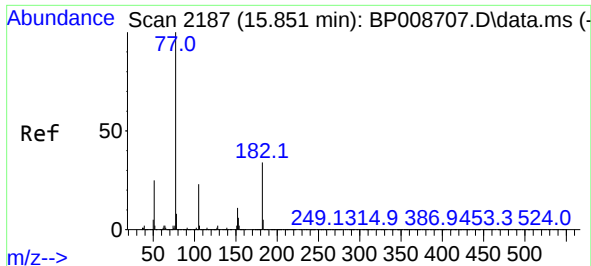
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#62
4-Nitroaniline
Concen: 37.050 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

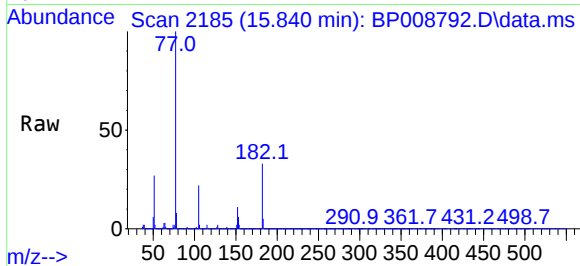
Tgt Ion:138 Resp: 544486
Ion Ratio Lower Upper
138 100
92 48.4 24.3 64.3
108 75.0 44.8 84.8





#63
Azobenzene
Concen: 44.246 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

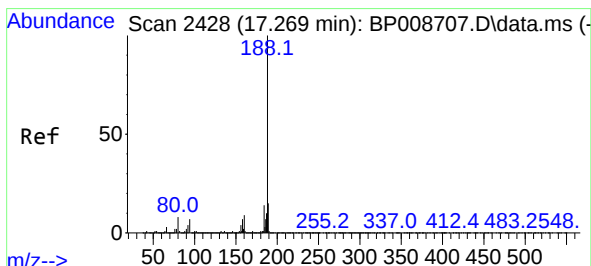
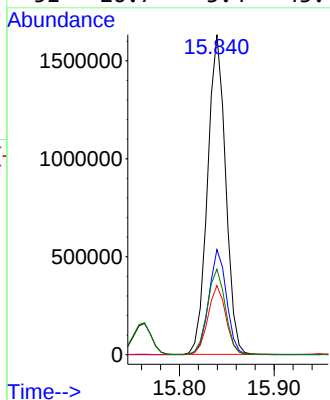
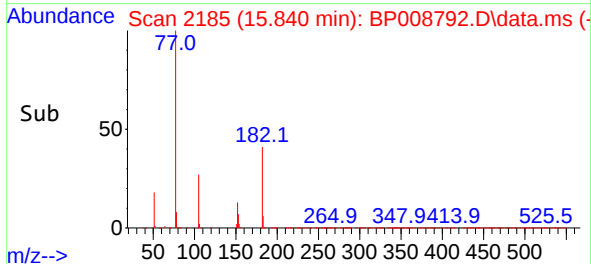
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



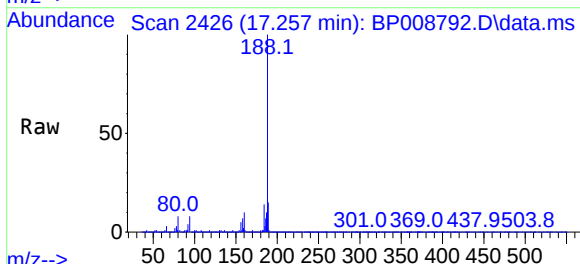
Tgt Ion: 77 Resp: 215667
Ion Ratio Lower Upper
77 100
182 32.8 15.3 55.3
105 21.6 3.2 43.2
51 26.7 3.4 43.4

Manual Integrations
APPROVED

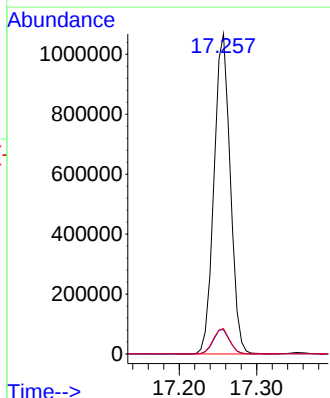
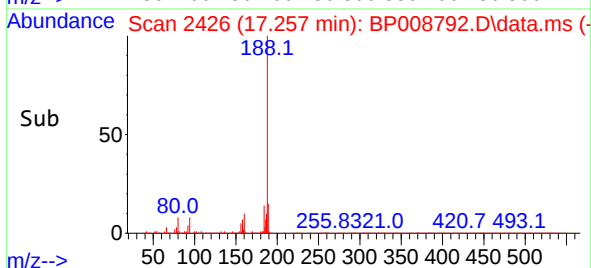
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

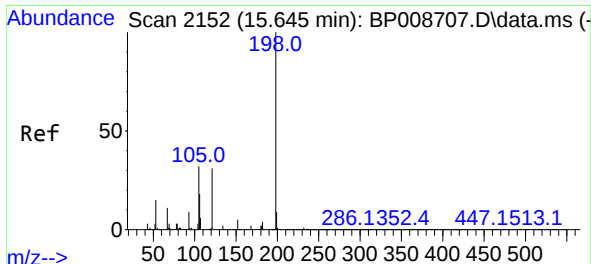


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17



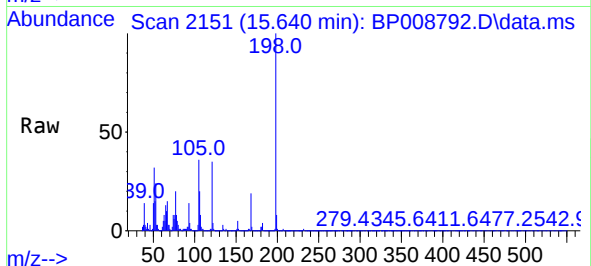
Tgt Ion:188 Resp: 1555415
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 43.583 ng
RT: 15.640 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

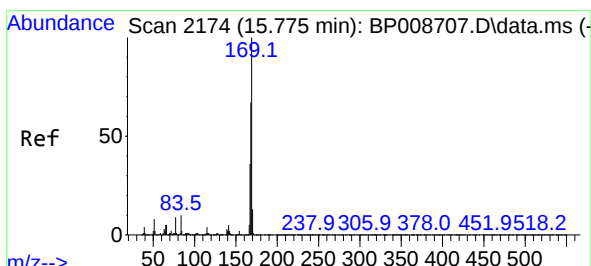
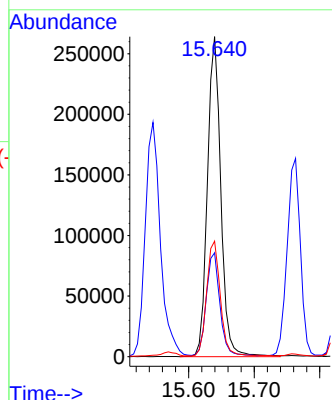
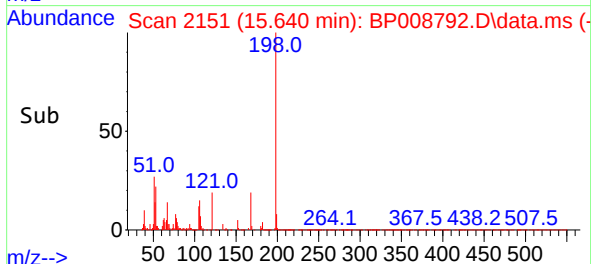
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:198 Resp: 37612
Ion Ratio Lower Upper
198 100
51 32.4 6.8 46.8
105 36.1 14.4 54.4

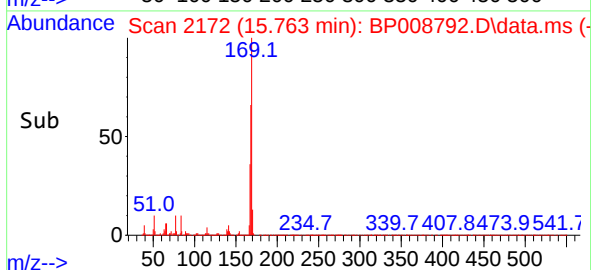
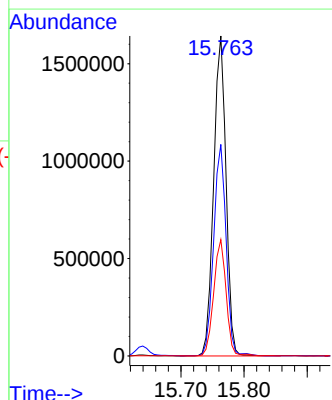
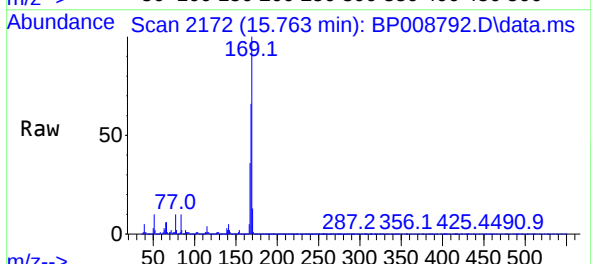
Manual Integrations
APPROVED

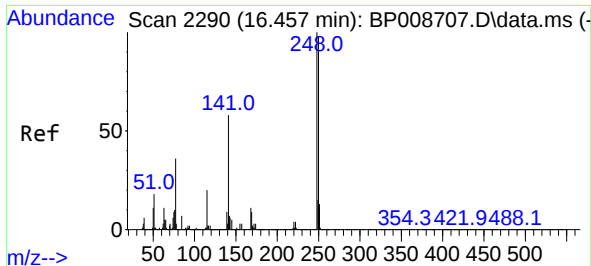
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#66
n-Nitrosodiphenylamine
Concen: 47.317 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:169 Resp: 2230397
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 36.3 29.0 43.6





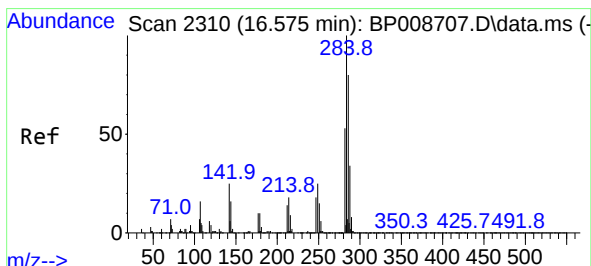
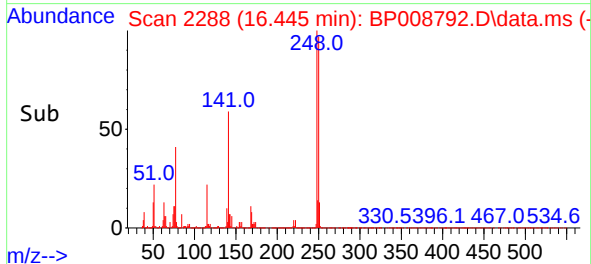
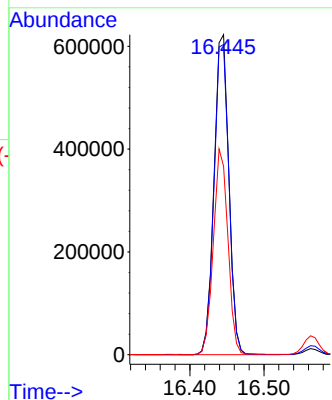
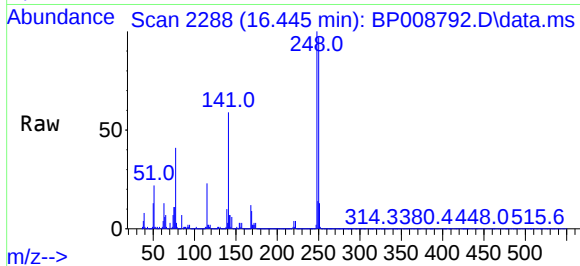
#67
4-Bromophenyl-phenylether
Concen: 47.068 ng
RT: 16.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion:248 Resp: 866198
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 58.9 47.4 71.2

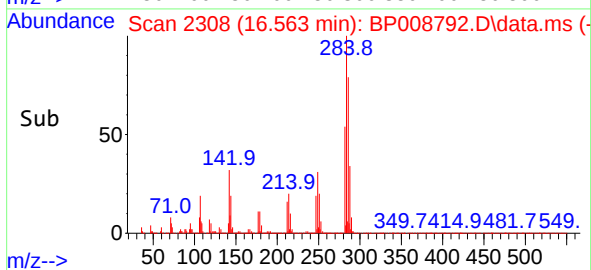
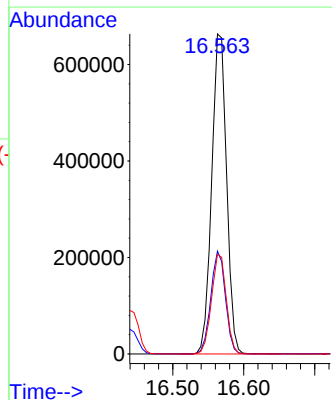
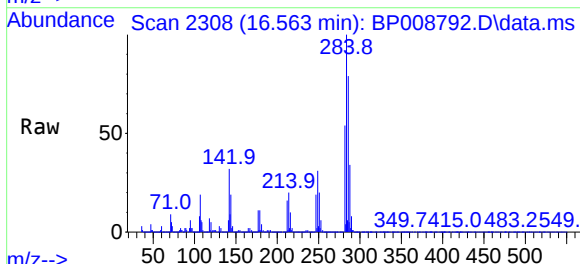
Manual Integrations
APPROVED

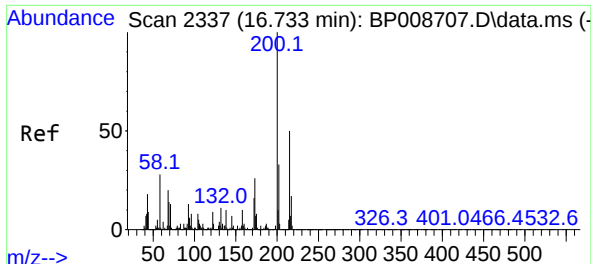
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#68
Hexachlorobenzene
Concen: 45.034 ng
RT: 16.563 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

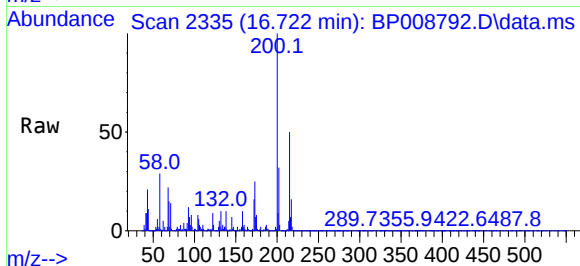
Tgt Ion:284 Resp: 964265
Ion Ratio Lower Upper
284 100
142 32.2 22.4 33.6
249 31.2 24.4 36.6





#69
Atrazine
Concen: 42.590 ng
RT: 16.722 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

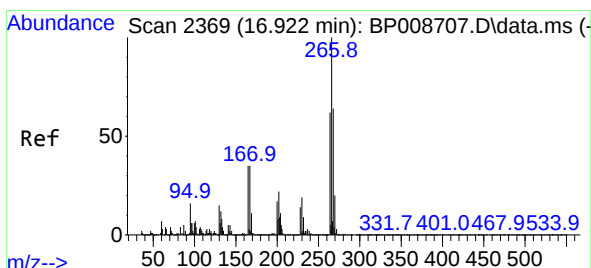
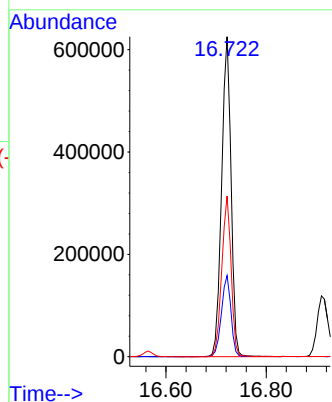
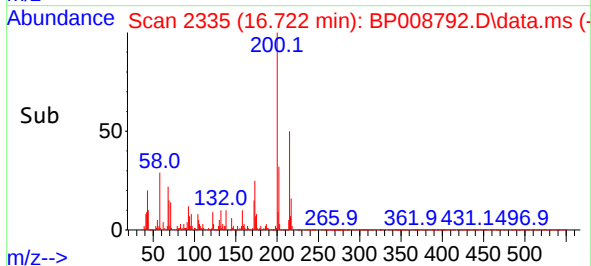
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:200 Resp: 814892
Ion Ratio Lower Upper
200 100
173 25.4 6.5 46.5
215 50.2 29.6 69.6

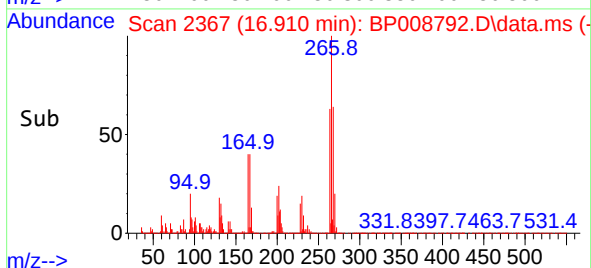
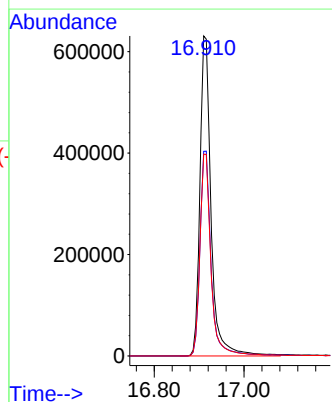
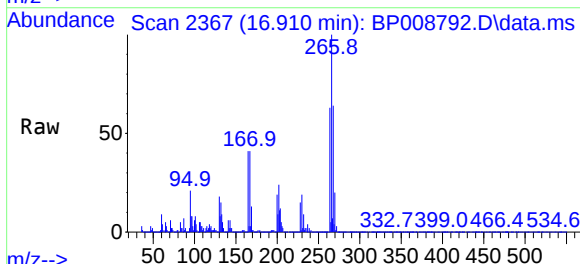
Manual Integrations
APPROVED

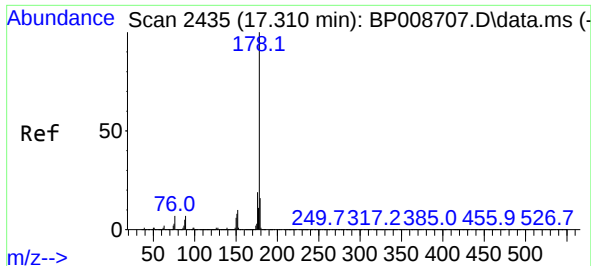
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#70
Pentachlorophenol
Concen: 81.250 ng
RT: 16.910 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:266 Resp: 1086057
Ion Ratio Lower Upper
266 100
268 64.0 50.9 76.3
264 63.0 50.3 75.5





#71
Phenanthrene
Concen: 45.860 ng
RT: 17.298 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

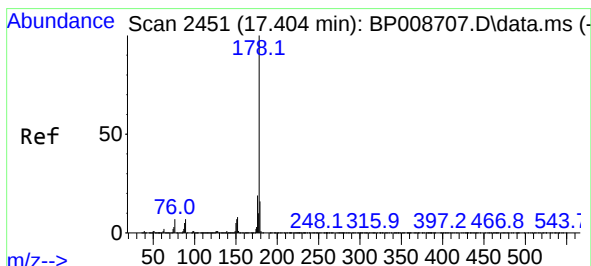
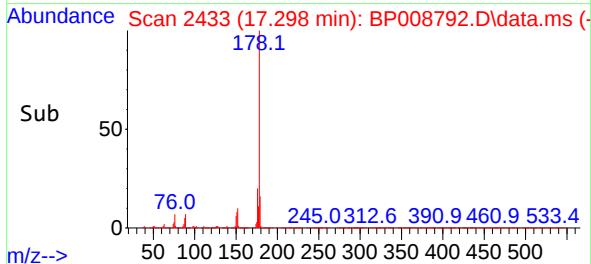
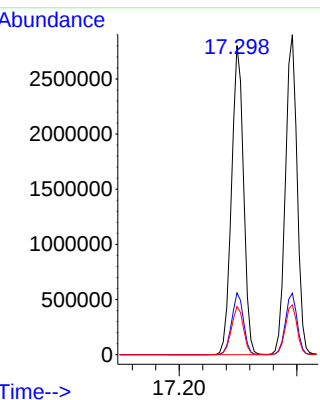
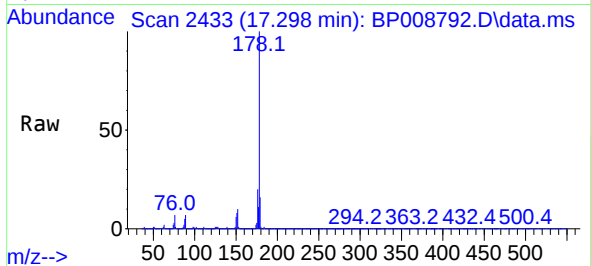
MR-SOILPILEMS

Tgt Ion:178 Resp: 3963260
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.6 13.0 19.4

Manual Integrations

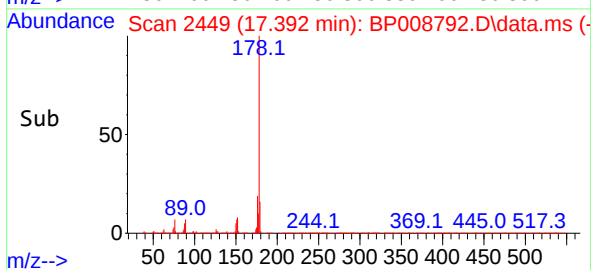
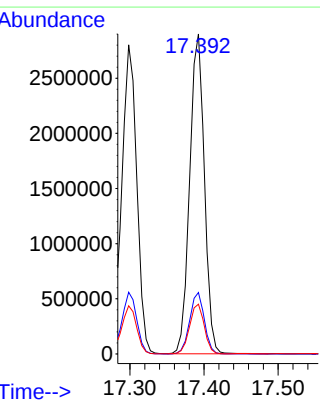
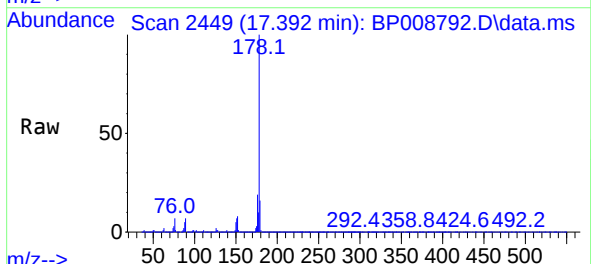
APPROVED

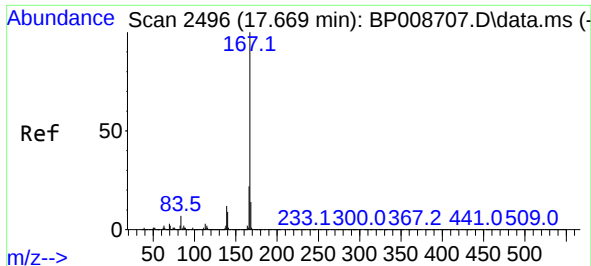
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#72
Anthracene
Concen: 45.266 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:178 Resp: 3994955
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 12.8 19.2





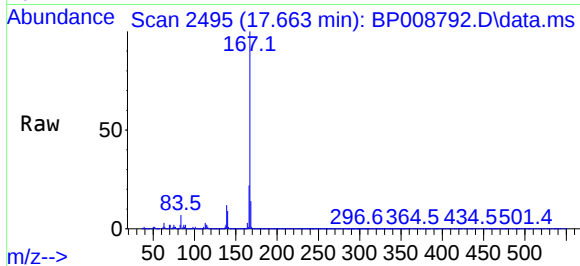
#73
 Carbazole
 Concen: 42.398 ng
 RT: 17.663 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP008792.D
 Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS



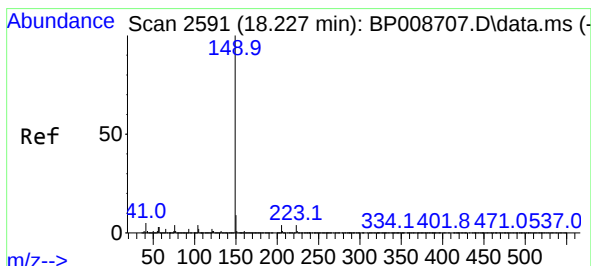
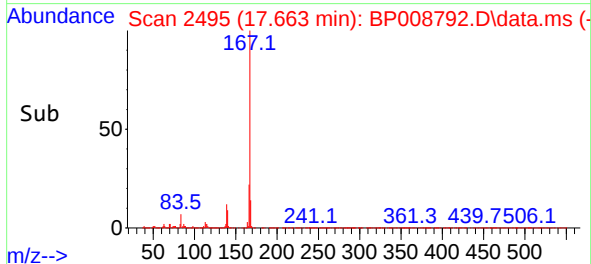
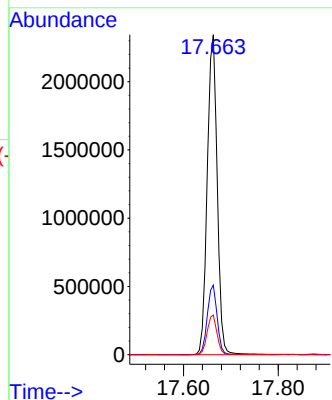
Tgt Ion:167 Resp: 342935

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.4	9.8	14.6

Manual Integrations

APPROVED

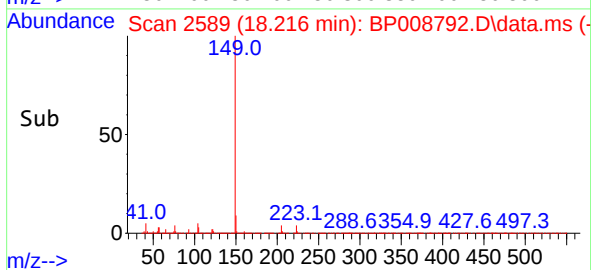
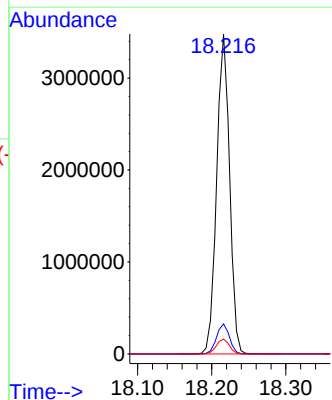
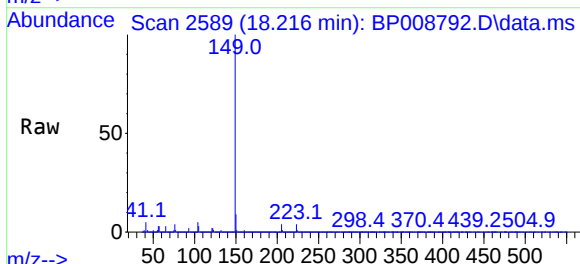
Reviewed By :Christian Giraldo 01/14/2022
 Supervised By :Jagrut Upadhyay 01/14/2022

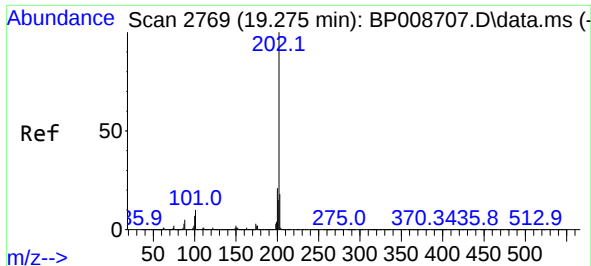


#74
 Di-n-butylphthalate
 Concen: 45.275 ng
 RT: 18.216 min Scan# 2589
 Delta R.T. -0.000 min
 Lab File: BP008792.D
 Acq: 13 Jan 2022 16:17

Tgt Ion:149 Resp: 4192825

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.7	3.7	5.5





#75
Fluoranthene
Concen: 43.044 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

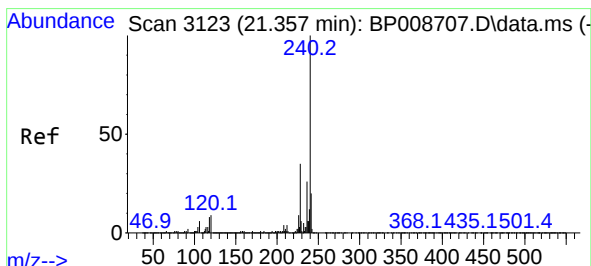
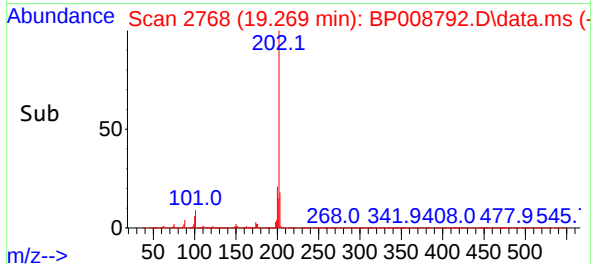
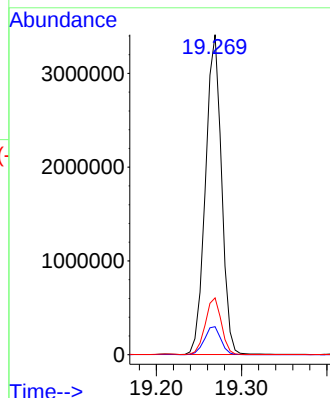
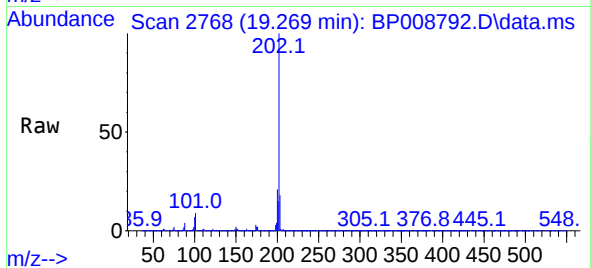
MR-SOILPILEMS

Tgt Ion:202 Resp: 4454400
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 17.8 0.0 38.9

Manual Integrations

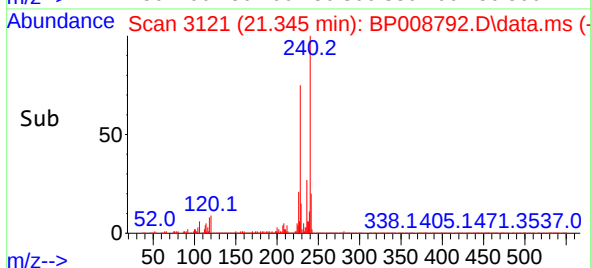
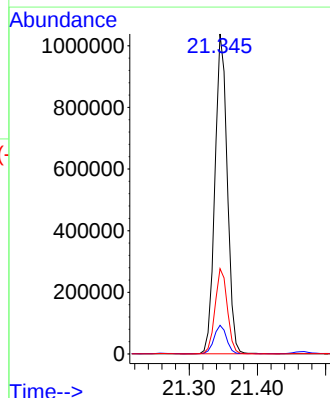
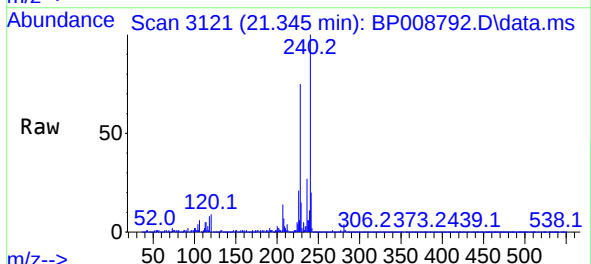
APPROVED

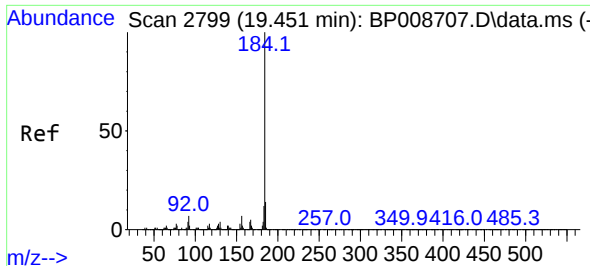
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:240 Resp: 1306689
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.6 21.2 31.8





#77
Benzidine
Concen: 21.841 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

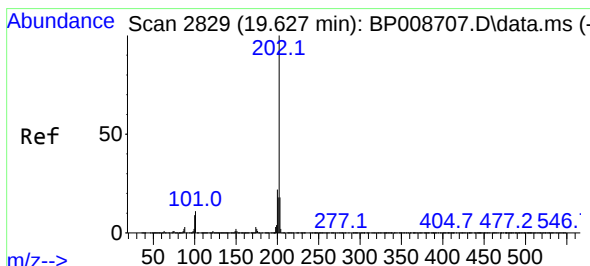
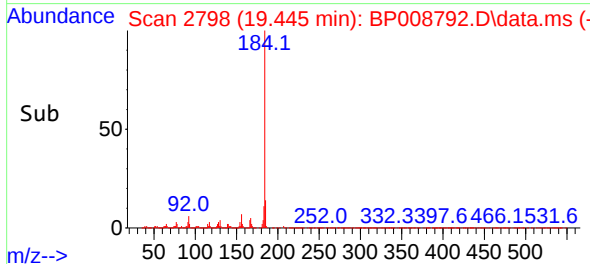
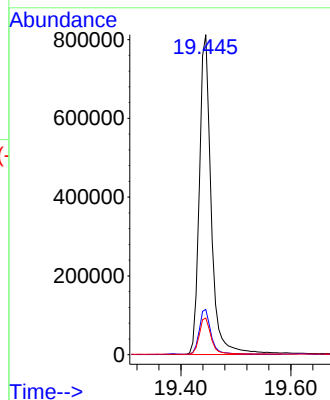
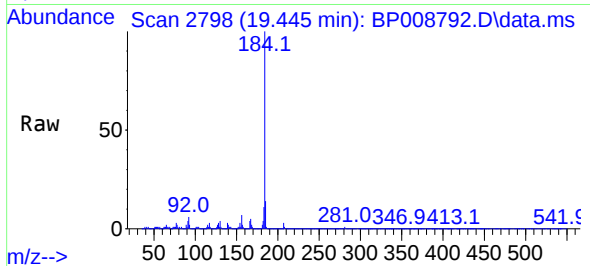
MR-SOILPILEMS

Tgt Ion:184 Resp: 122114
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 11.5 9.5 14.3

Manual Integrations

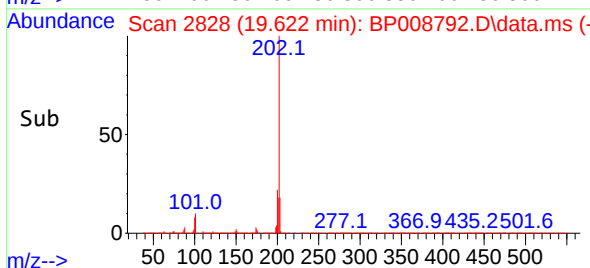
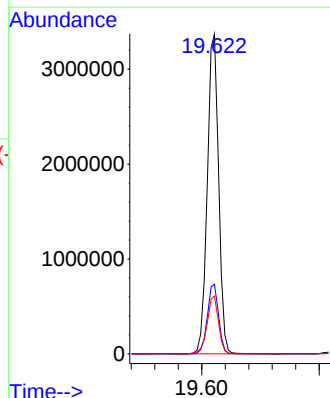
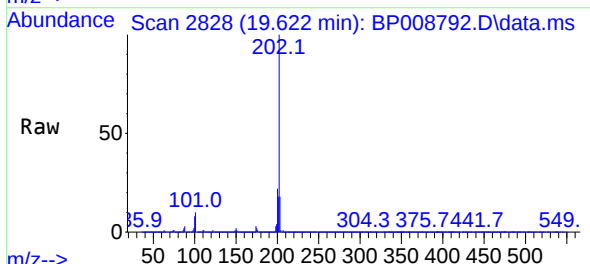
APPROVED

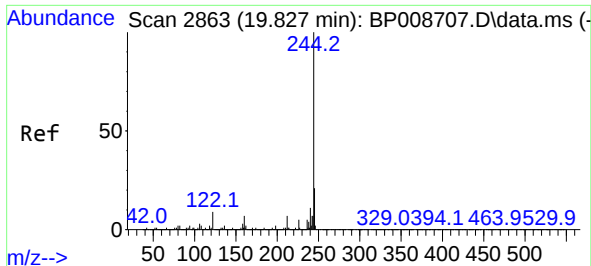
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#78
Pyrene
Concen: 52.876 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:202 Resp: 4517759
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.1 15.0 22.6





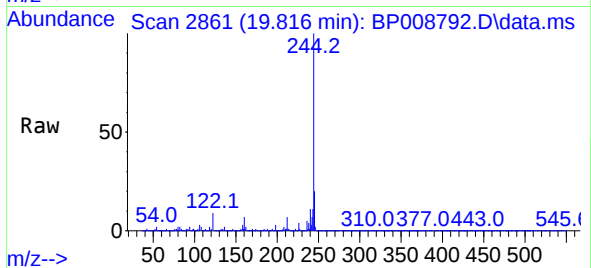
#79
Terphenyl-d14
Concen: 92.539 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMS

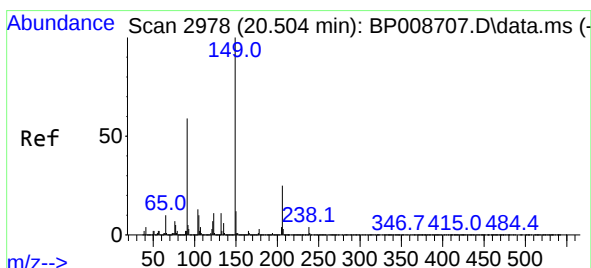
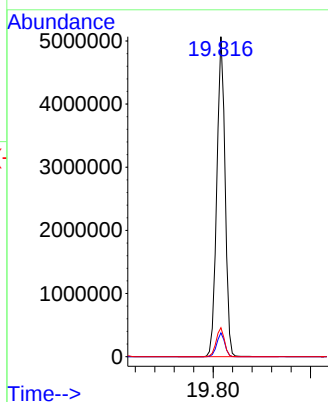
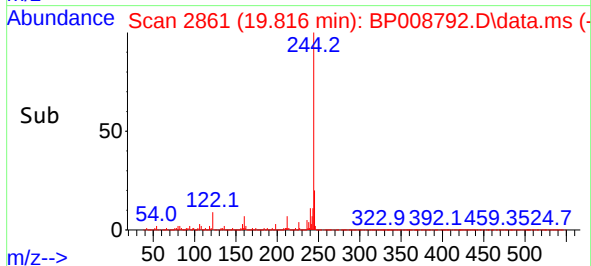


Tgt Ion:244 Resp: 5933690
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.1 9.2 13.8

Manual Integrations

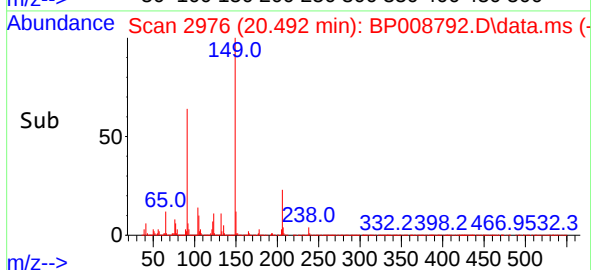
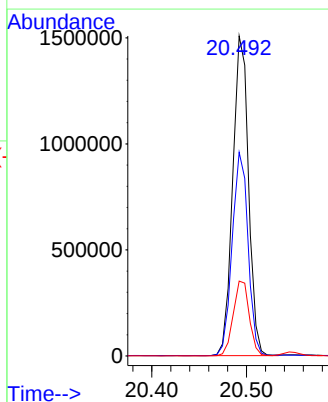
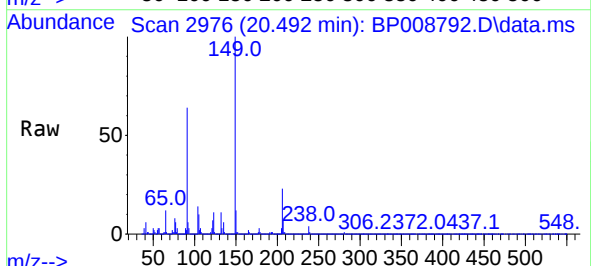
APPROVED

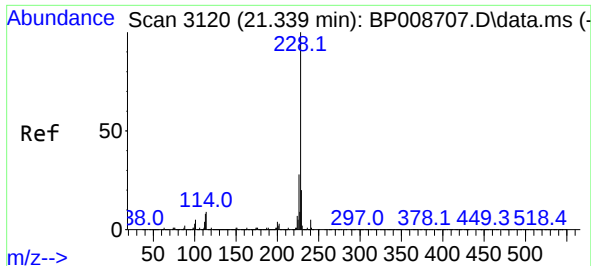
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#80
Butylbenzylphthalate
Concen: 49.793 ng
RT: 20.492 min Scan# 2976
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

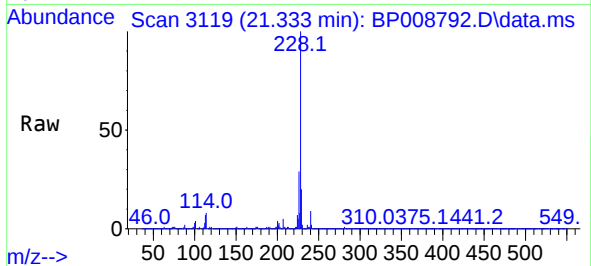
Tgt Ion:149 Resp: 1739498
Ion Ratio Lower Upper
149 100
91 63.6 50.6 76.0
206 23.4 19.7 29.5





#81
Benzo(a)anthracene
Concen: 46.106 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

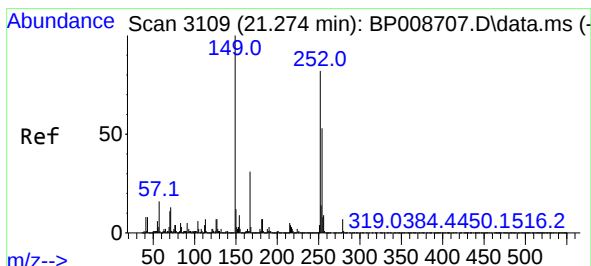
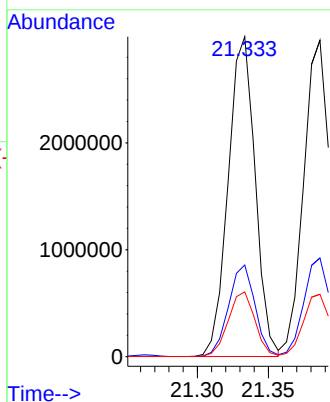
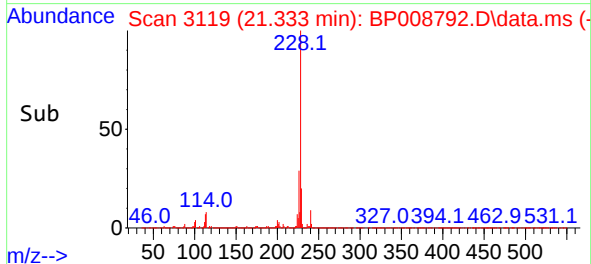
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:228 Resp: 395246
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.3 17.0 25.6

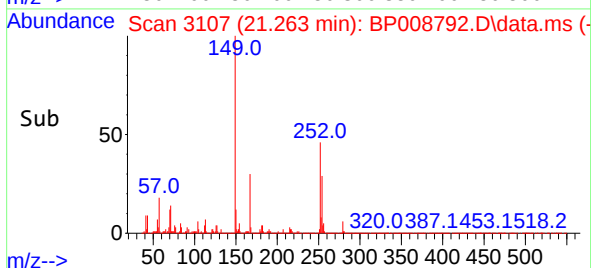
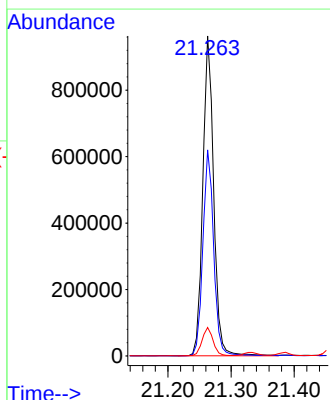
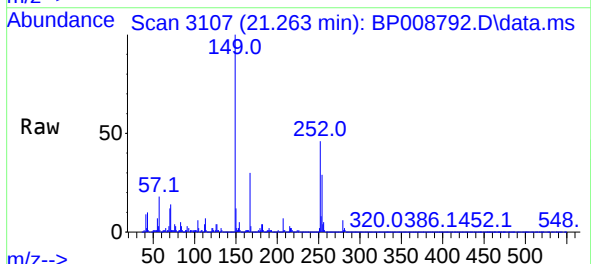
Manual Integrations
APPROVED

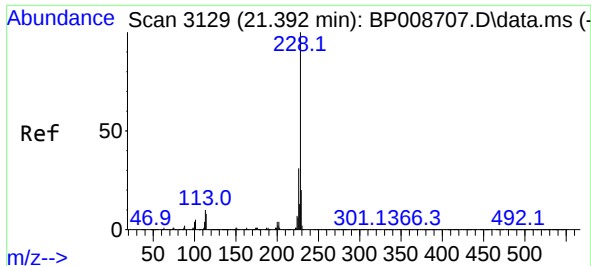
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 29.535 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

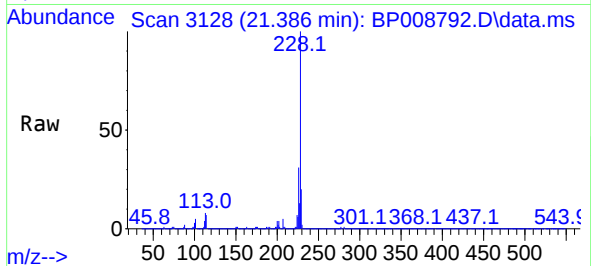
Tgt Ion:252 Resp: 1150236
Ion Ratio Lower Upper
252 100
254 64.4 52.4 78.6
126 8.9 7.3 10.9





#83
Chrysene
Concen: 46.045 ng
RT: 21.386 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

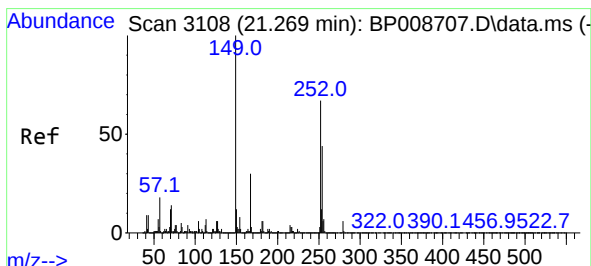
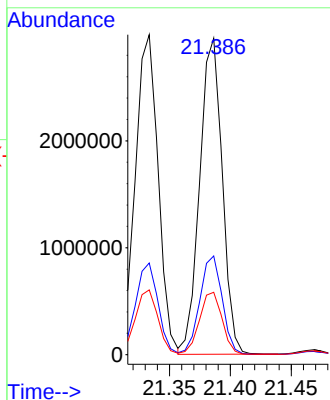
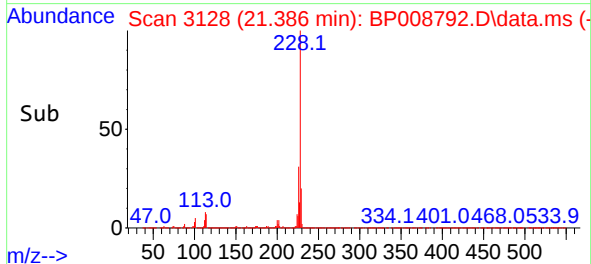
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:228 Resp: 3807674
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 19.7 16.9 25.3

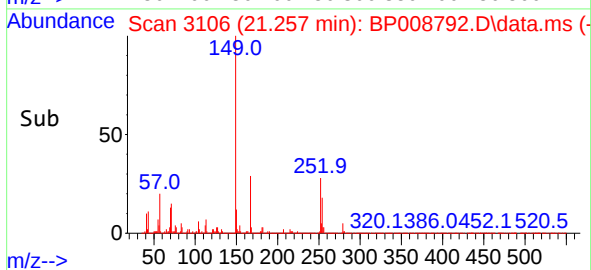
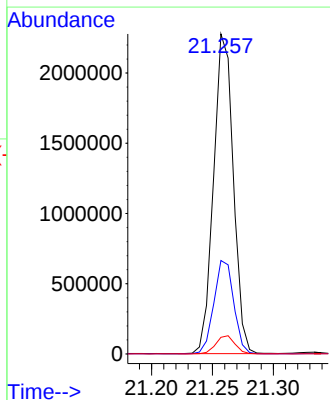
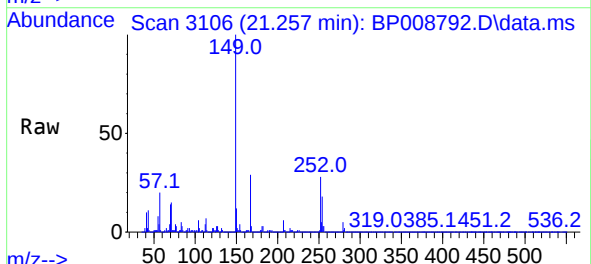
Manual Integrations
APPROVED

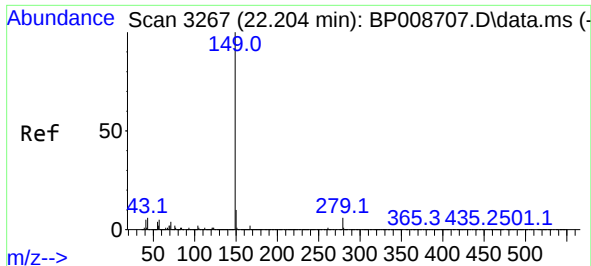
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.319 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

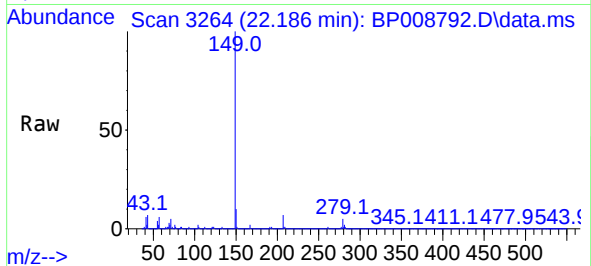
Tgt Ion:149 Resp: 2566525
Ion Ratio Lower Upper
149 100
167 29.2 25.0 37.4
279 5.2 4.8 7.2





#85
Di-n-octyl phthalate
Concen: 45.867 ng
RT: 22.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

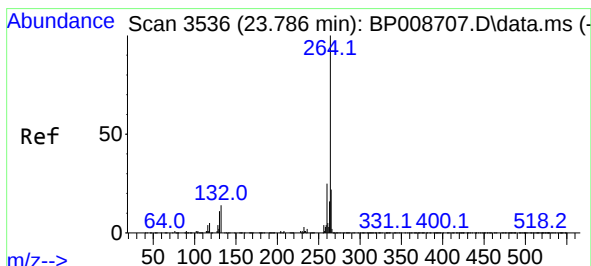
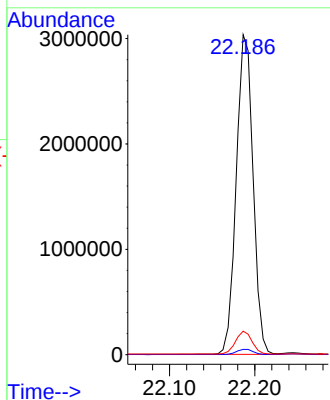
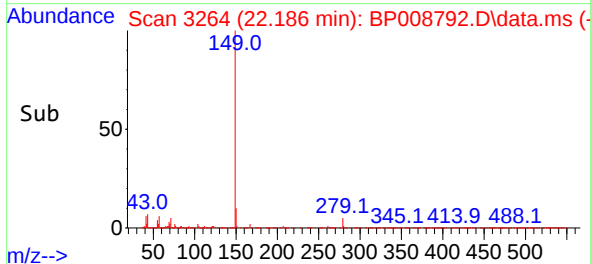
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS



Tgt Ion:149 Resp: 4152345
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.1 5.4 8.2

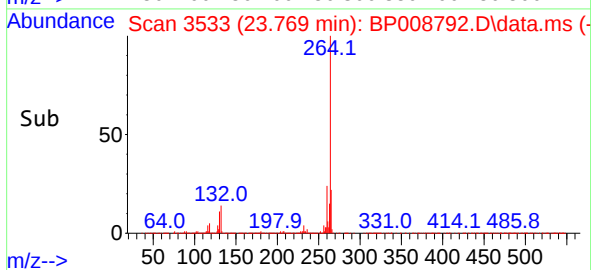
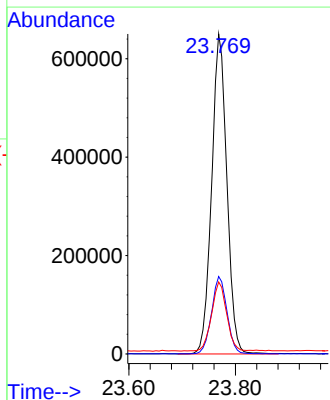
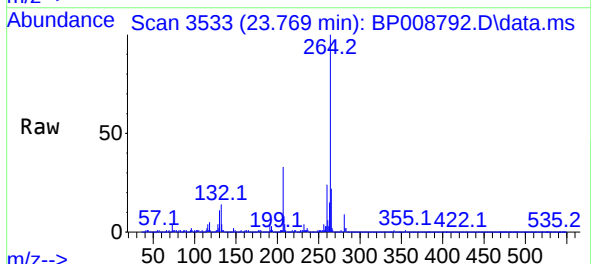
Manual Integrations
APPROVED

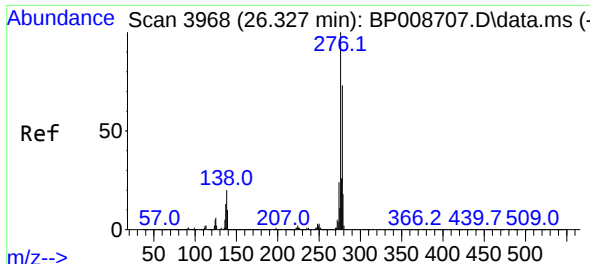
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:264 Resp: 1289347
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.303 ng
RT: 26.310 min Scan# 3408
Delta R.T. 0.012 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

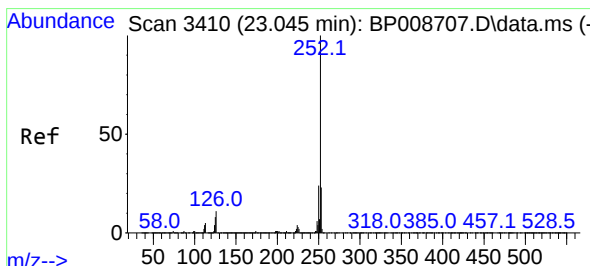
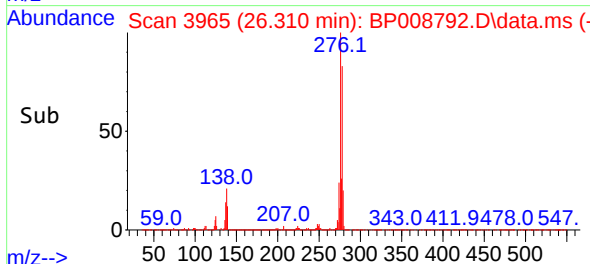
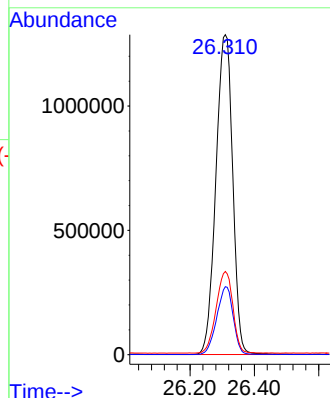
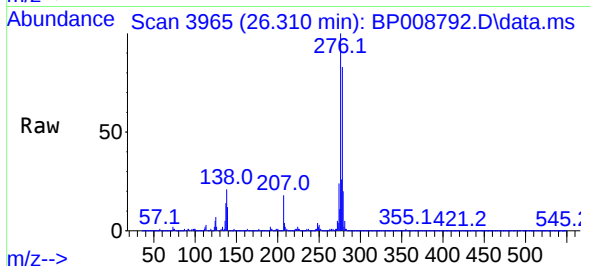
ClientSampleId :

MR-SOILPILEMS

Tgt Ion:276 Resp: 466736
Ion Ratio Lower Upper
276 100
138 20.7 17.8 26.6
277 25.3 20.4 30.6

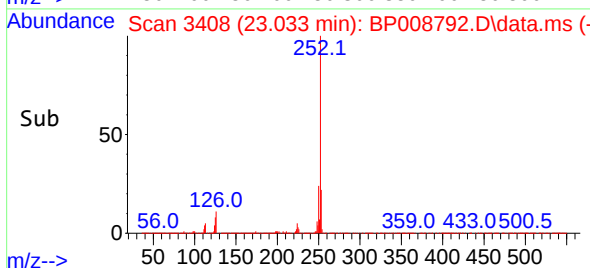
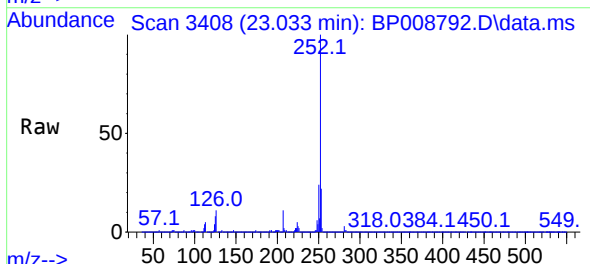
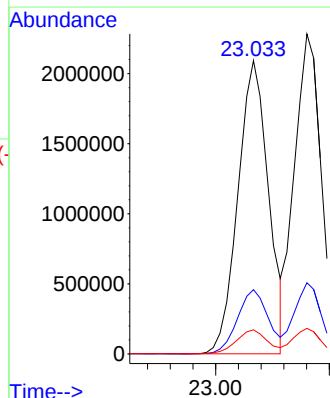
Manual Integrations
APPROVED

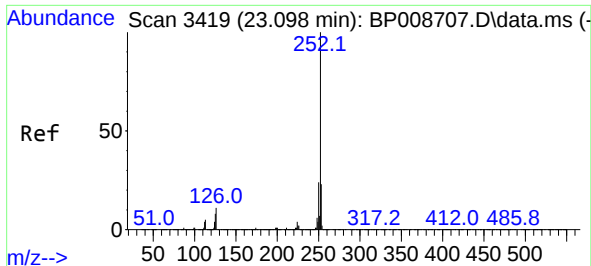
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#88
Benzo(b)fluoranthene
Concen: 46.285 ng
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:252 Resp: 3899271
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.2 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 47.695 ng
RT: 23.080 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :

BNA_P

ClientSampleId :

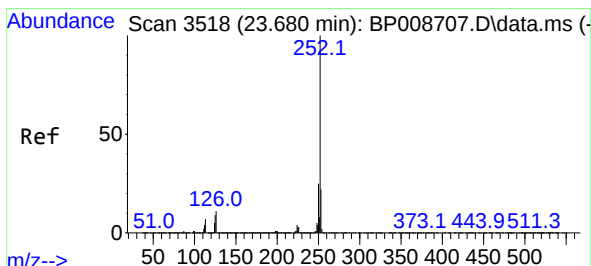
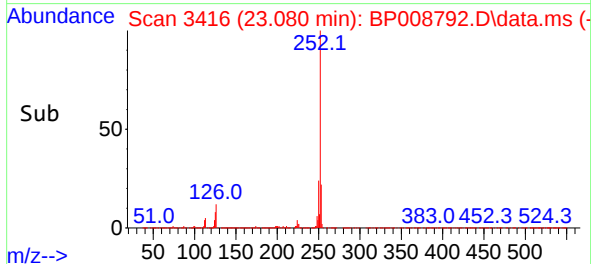
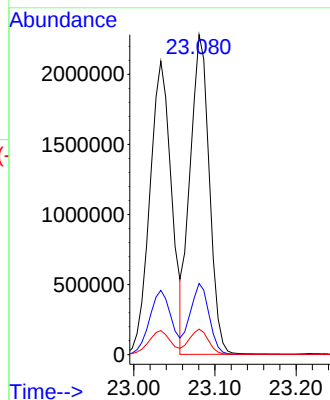
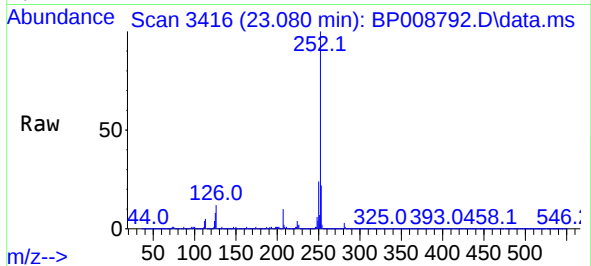
MR-SOILPILEMS

Tgt Ion:252 Resp: 3760452
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.0 7.3 10.9

Manual Integrations

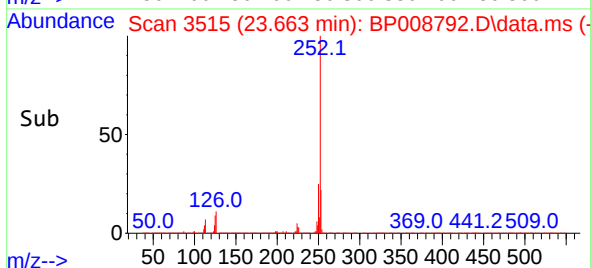
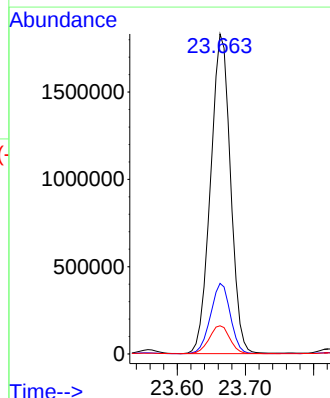
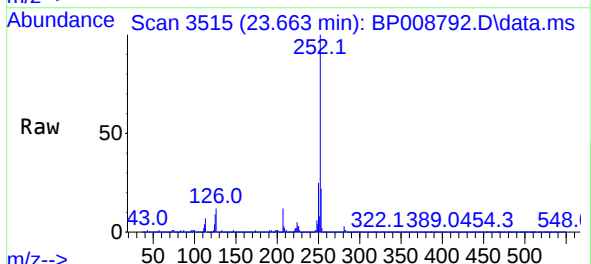
APPROVED

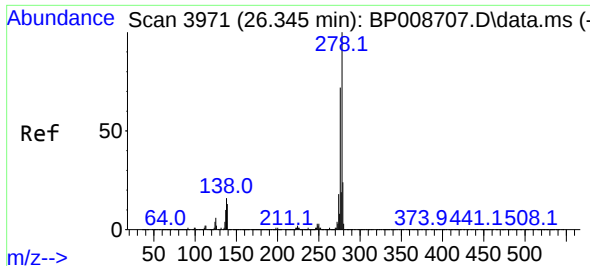
Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#90
Benzo(a)pyrene
Concen: 45.766 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:252 Resp: 3726518
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.8 7.8 11.6





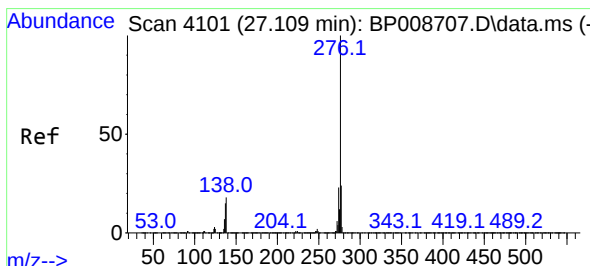
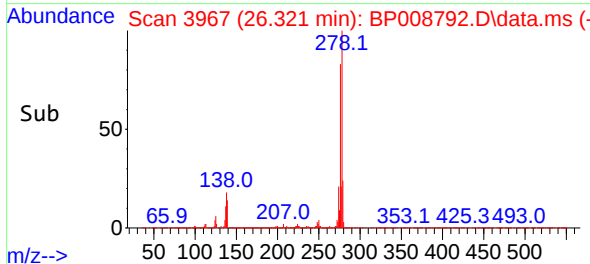
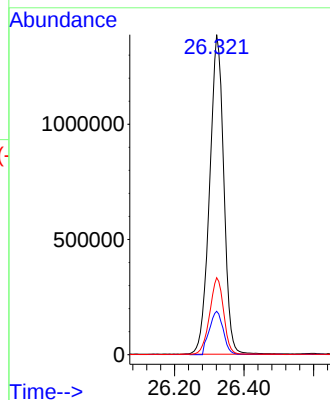
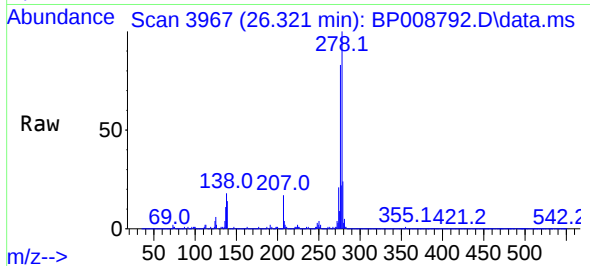
#91
Dibenzo(a,h)anthracene
Concen: 45.020 ng
RT: 26.321 min Scan# 3967
Delta R.T. 0.006 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Tgt Ion:278 Resp: 3919078
Ion Ratio Lower Upper
278 100
139 13.6 11.5 17.3
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022



#92
Benzo(g,h,i)perylene
Concen: 44.837 ng
RT: 27.086 min Scan# 4097
Delta R.T. 0.012 min
Lab File: BP008792.D
Acq: 13 Jan 2022 16:17

Tgt Ion:276 Resp: 3874442
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 18.0 15.0 22.4

