

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009680.D
 Acq On : 04 Apr 2022 15:52
 Operator : CG/JU
 Sample : N2229-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUMMSD

Quant Time: Apr 04 23:25:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	225986	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	913415	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	570191	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1169424	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1172000	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1248925	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1767676	136.568	ng	-0.01
7) Phenol-d6	6.922	99	2240264	127.983	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1393221	81.055	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	921167	97.901	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3049639	74.145	ng	-0.02
79) Terphenyl-d14	19.728	244	4702959	72.025	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	238214	46.465	ng	99
3) Pyridine	3.652	79	696308	50.429	ng	99
4) n-Nitrosodimethylamine	3.570	42	301722	59.333	ng	95
6) Aniline	7.058	93	894905	44.857	ng	99
8) 2-Chlorophenol	7.299	128	792304	53.681	ng	99
9) Benzaldehyde	6.875	77	368442	44.984	ng	99
10) Phenol	6.952	94	992838	56.536	ng	98
11) bis(2-Chloroethyl)ether	7.158	93	734272	52.833	ng	98
12) 1,3-Dichlorobenzene	7.616	146	834328	50.085	ng	99
13) 1,4-Dichlorobenzene	7.758	146	849599	49.882	ng	99
14) 1,2-Dichlorobenzene	8.075	146	818581	49.725	ng	99
15) Benzyl Alcohol	7.975	79	694310	49.750	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	842109	55.897	ng	99
17) 2-Methylphenol	8.187	107	648643	53.600	ng	99
18) Hexachloroethane	8.793	117	301908	50.579	ng	98
19) n-Nitroso-di-n-propyla...	8.540	70	565942	51.117	ng	99
20) 3+4-Methylphenols	8.522	107	866529	52.076	ng	96
22) Acetophenone	8.552	105	1116284	49.376	ng	# 99
24) Nitrobenzene	8.928	77	846103	52.108	ng	98
25) Isophorone	9.457	82	1583376	54.004	ng	99
26) 2-Nitrophenol	9.640	139	421858	49.844	ng	98
27) 2,4-Dimethylphenol	9.716	122	718975	60.201	ng	100
28) bis(2-Chloroethoxy)met...	9.934	93	954756	50.013	ng	99
29) 2,4-Dichlorophenol	10.187	162	728442	50.004	ng	99
30) 1,2,4-Trichlorobenzene	10.387	180	781820	46.323	ng	99
31) Naphthalene	10.569	128	2289102	48.653	ng	100
32) Benzoic acid	9.922	122	504262	54.005	ng	96
33) 4-Chloroaniline	10.693	127	545970	28.437	ng	99
34) Hexachlorobutadiene	10.857	225	486182	42.514	ng	100
35) Caprolactam	11.499	113	196061	39.879	ng	99
36) 4-Chloro-3-methylphenol	11.840	107	752583	48.077	ng	98
37) 2-Methylnaphthalene	12.187	142	1589164	48.139	ng	99
38) 1-Methylnaphthalene	12.404	142	1520649	47.285	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	864013	45.671	ng	99
41) Hexachlorocyclopentadiene	12.540	237	435870	55.395	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	593324	47.317	ng	99

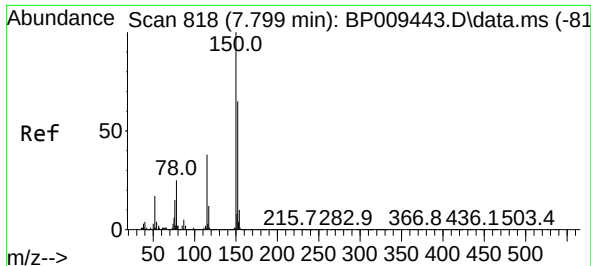
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	629248	46.211	ng	98
46) 1,1'-Biphenyl	13.204	154	2051652	48.233	ng	99
47) 2-Chloronaphthalene	13.246	162	1603201	47.872	ng	99
48) 2-Nitroaniline	13.463	65	485972	53.280	ng	100
49) Acenaphthylene	14.098	152	2658893	51.431	ng	99
50) Dimethylphthalate	13.845	163	1998257	46.251	ng	99
51) 2,6-Dinitrotoluene	13.963	165	446735	49.350	ng	97
52) Acenaphthene	14.440	154	1481274	47.965	ng	100
53) 3-Nitroaniline	14.298	138	309084	32.326	ng	95
54) 2,4-Dinitrophenol	14.522	184	456901	81.157	ng	95
55) Dibenzofuran	14.781	168	2393963	46.142	ng	99
56) 4-Nitrophenol	14.645	139	706277	99.096	ng	98
57) 2,4-Dinitrotoluene	14.763	165	610552	49.052	ng	94
58) Fluorene	15.434	166	1917849	47.002	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.022	232	538613	43.631	ng	96
60) Diethylphthalate	15.216	149	1999484	46.240	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	991283	44.102	ng	97
62) 4-Nitroaniline	15.469	138	453226	45.135	ng	96
63) Azobenzene	15.722	77	1893028	50.325	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	320180	42.579	ng	99
66) n-Nitrosodiphenylamine	15.645	169	1694152	48.955	ng	98
67) 4-Bromophenyl-phenylether	16.328	248	638815	44.642	ng	96
68) Hexachlorobenzene	16.451	284	716435	43.502	ng	99
69) Atrazine	16.616	200	640520	52.643	ng	99
70) Pentachlorophenol	16.804	266	812792	92.324	ng	98
71) Phenanthrene	17.186	178	3040379	48.569	ng	100
72) Anthracene	17.281	178	3084824	49.911	ng	99
73) Carbazole	17.557	167	2880274	47.651	ng	100
74) Di-n-butylphthalate	18.116	149	3456707	48.802	ng	100
75) Fluoranthene	19.175	202	3643620	48.078	ng	98
77) Benzidine	19.357	184	1014189	35.304	ng	99
78) Pyrene	19.528	202	3749493	48.550	ng	99
80) Butylbenzylphthalate	20.410	149	1582444	48.208	ng	99
81) Benzo(a)anthracene	21.251	228	3745294	48.640	ng	100
82) 3,3'-Dichlorobenzidine	21.180	252	1097379	36.892	ng	98
83) Chrysene	21.304	228	3448055	47.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2270804	49.630	ng	100
85) Di-n-octyl phthalate	22.092	149	3952762	50.120	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4388314	46.313	ng	97
88) Benzo(b)fluoranthene	22.921	252	3789512	50.827	ng	99
89) Benzo(k)fluoranthene	22.969	252	3789182	51.907	ng	99
90) Benzo(a)pyrene	23.539	252	3730892	58.487	ng	97
91) Dibenzo(a,h)anthracene	26.127	278	3845321	48.694	ng	98
92) Benzo(g,h,i)perylene	26.880	276	3792227	48.814	ng	97

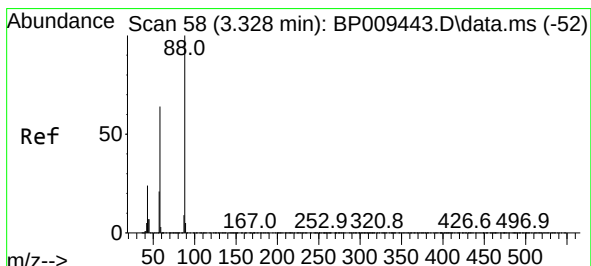
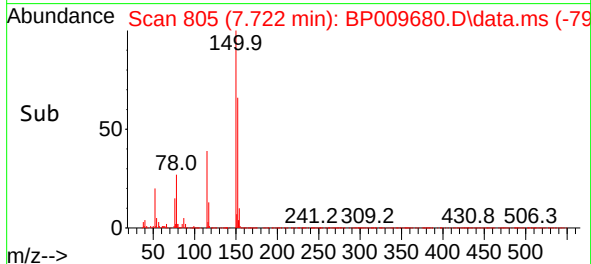
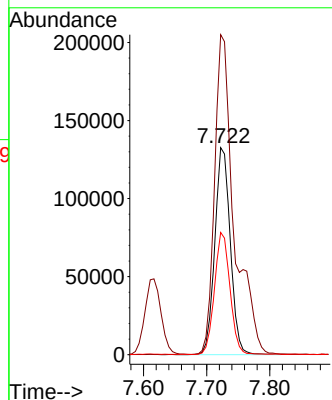
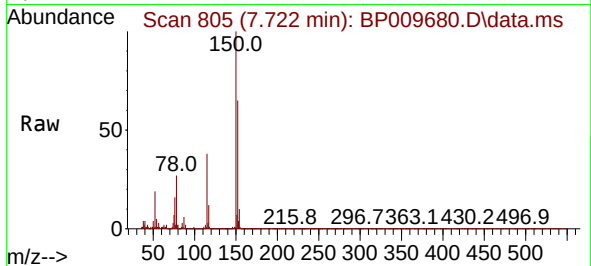
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP009680.D
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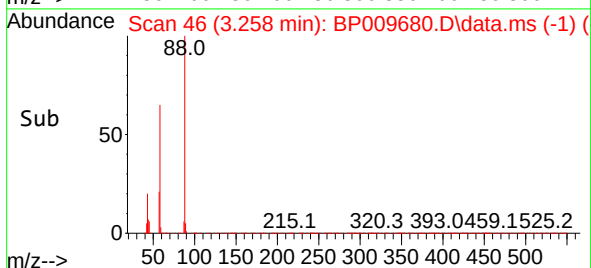
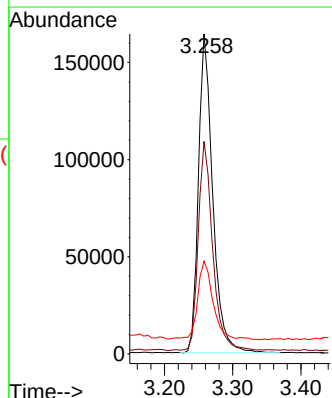
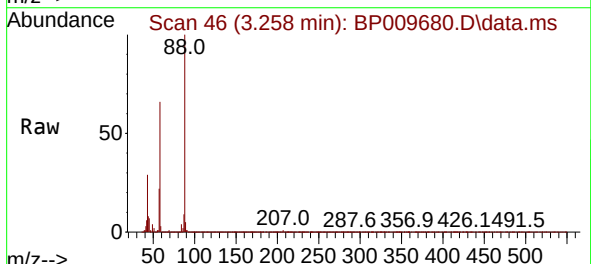
Instrument :
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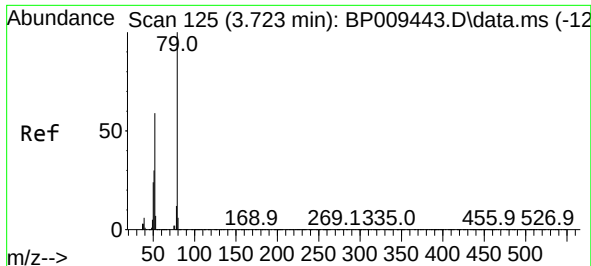
Tgt Ion:152 Resp: 225986
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 59.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 46.465 ng
 RT: 3.258 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BP009680.D
 Acq: 04 Apr 2022 15:52

Tgt Ion: 88 Resp: 238214
 Ion Ratio Lower Upper
 88 100
 58 66.8 54.2 81.2
 43 24.8 20.4 30.6

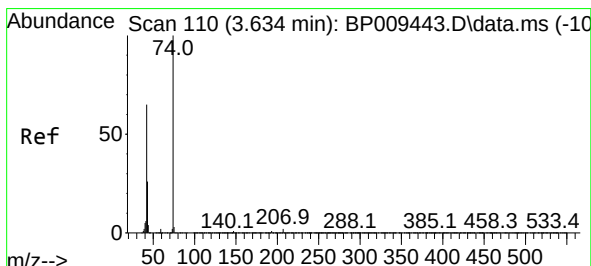
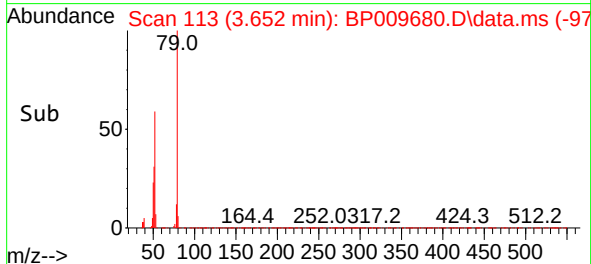
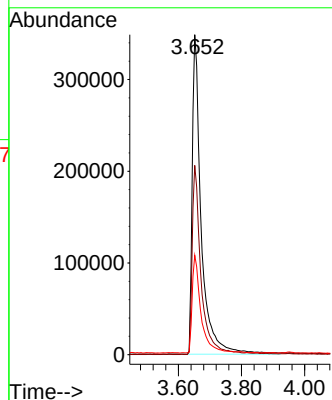
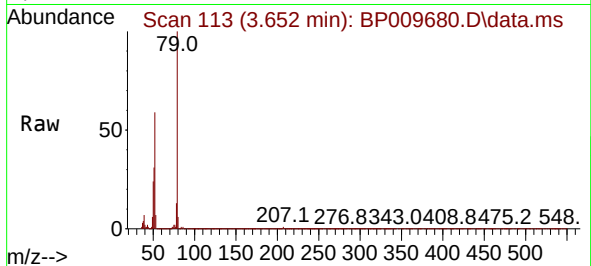




#3
Pyridine
Concen: 50.429 ng
RT: 3.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

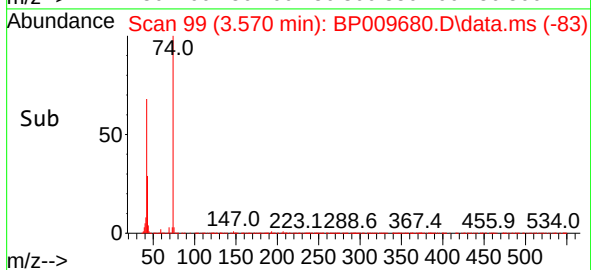
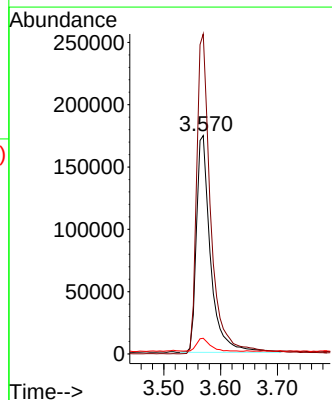
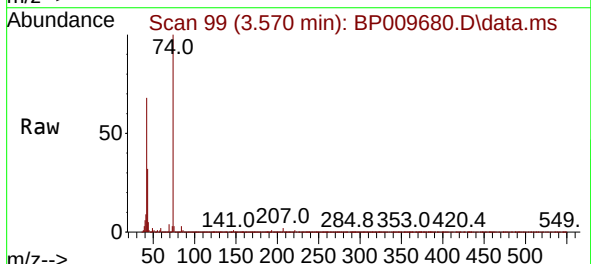
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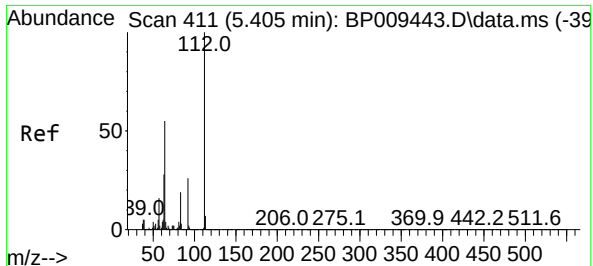
Tgt Ion: 79 Resp: 696308
Ion Ratio Lower Upper
79 100
52 59.2 47.5 71.3
51 31.0 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 59.333 ng
RT: 3.570 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 42 Resp: 301722
Ion Ratio Lower Upper
42 100
74 146.5 122.1 183.1
44 7.2 5.8 8.8

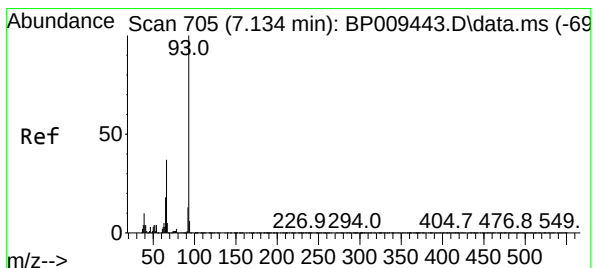
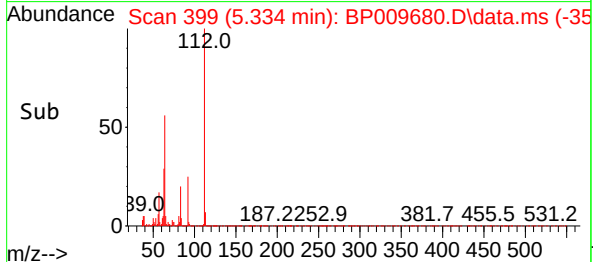
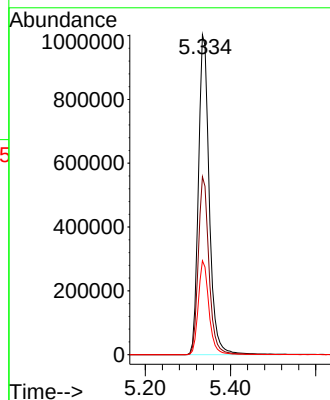
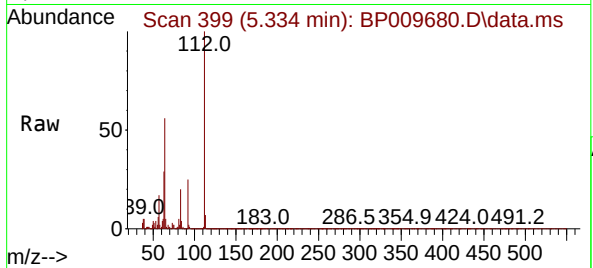




#5
2-Fluorophenol
Concen: 136.568 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

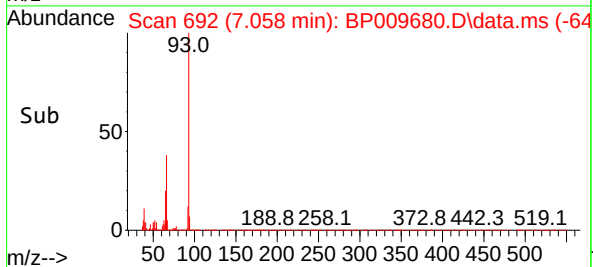
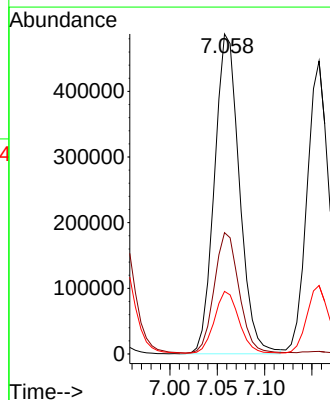
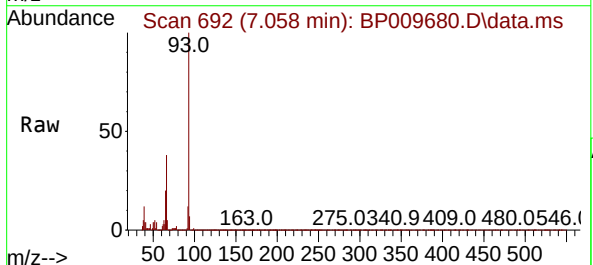
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SOIL-DRUMMSD

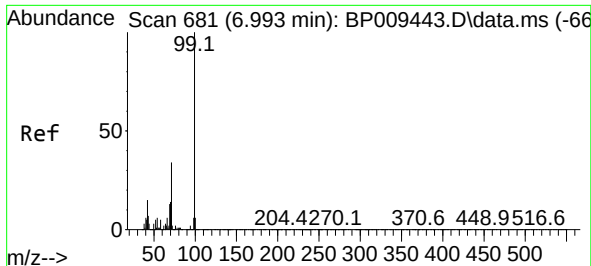
Tgt Ion:112 Resp: 1767676
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 29.4 23.0 34.6



#6
Aniline
Concen: 44.857 ng
RT: 7.058 min Scan# 692
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 93 Resp: 894905
Ion Ratio Lower Upper
93 100
66 37.9 30.9 46.3
65 19.5 15.8 23.8

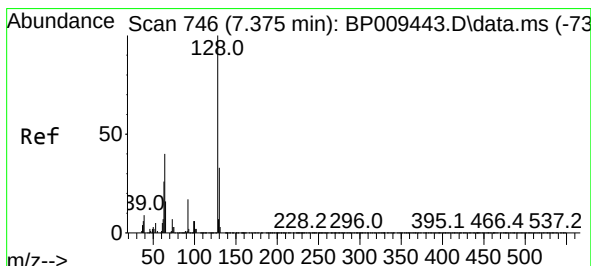
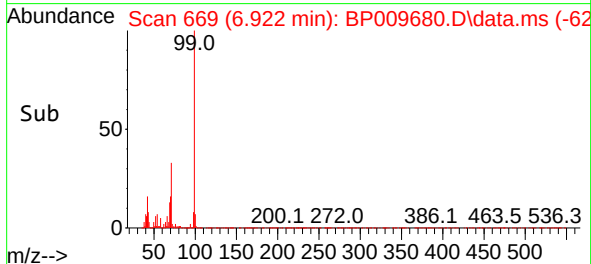
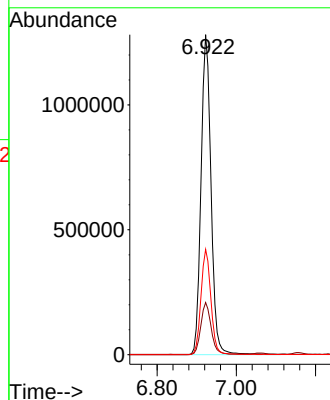
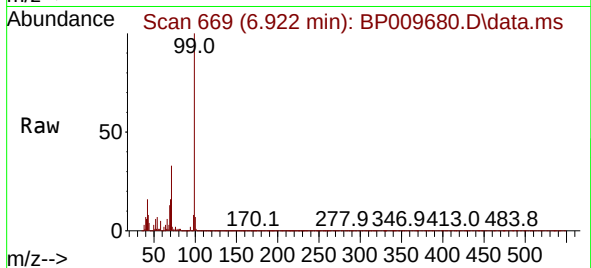




#7
Phenol-d6
Concen: 127.983 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

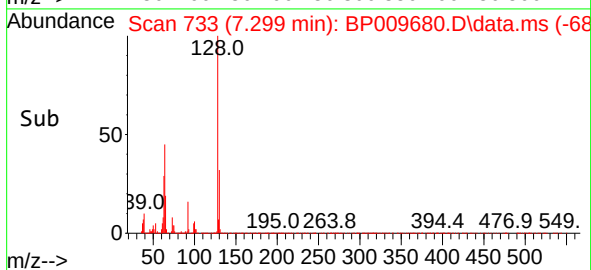
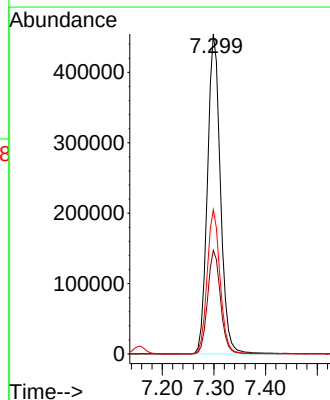
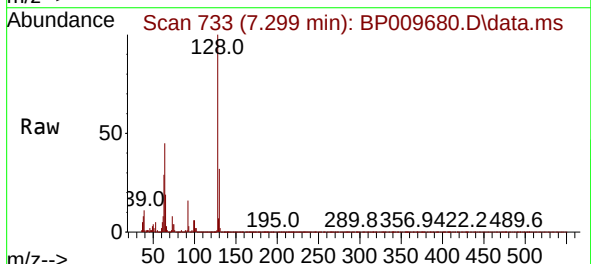
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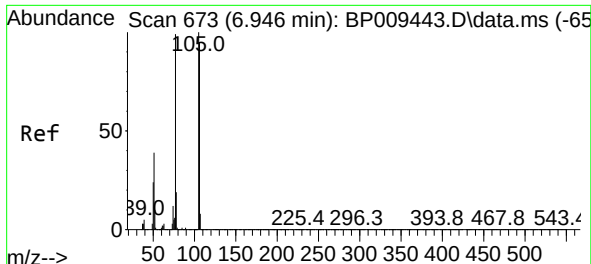
Tgt Ion: 99 Resp: 2240264
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 32.9 26.3 39.5



#8
2-Chlorophenol
Concen: 53.681 ng
RT: 7.299 min Scan# 733
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 128 Resp: 792304
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 45.0 26.2 66.2

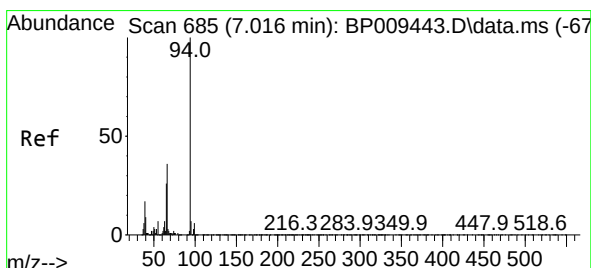
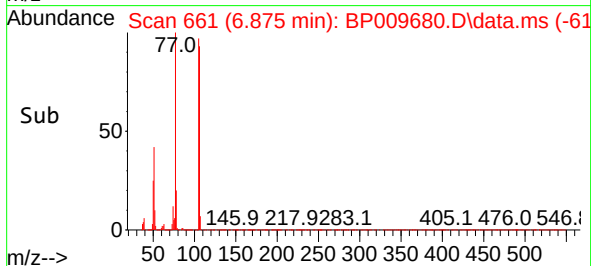
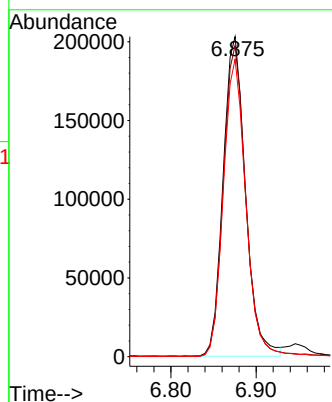
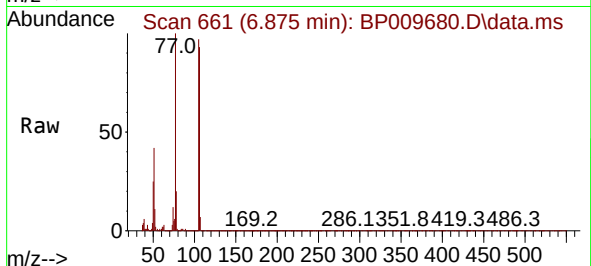




#9
Benzaldehyde
Concen: 44.984 ng
RT: 6.875 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

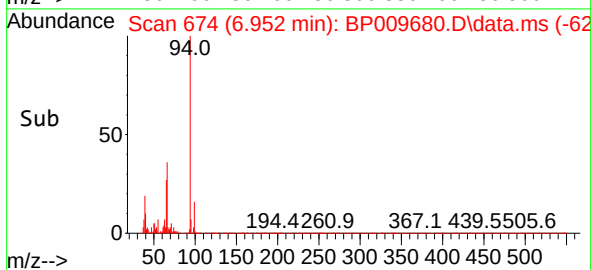
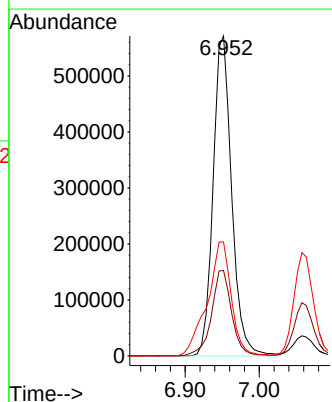
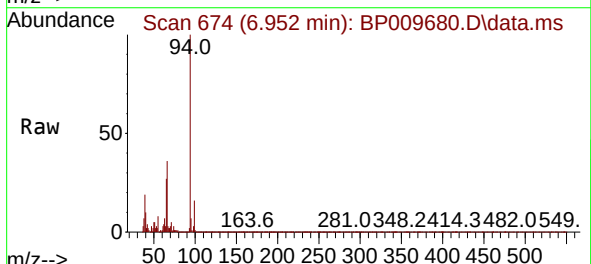
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

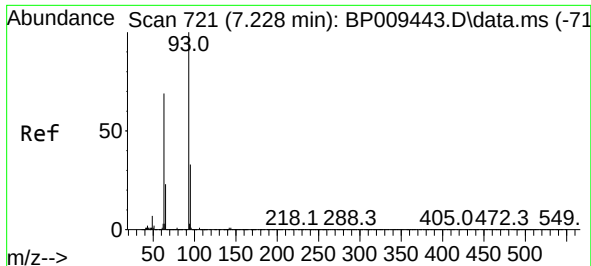
Tgt Ion: 77 Resp: 368442
Ion Ratio Lower Upper
77 100
105 97.2 75.2 115.2
106 93.0 72.3 112.3



#10
Phenol
Concen: 56.536 ng
RT: 6.952 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 94 Resp: 992838
Ion Ratio Lower Upper
94 100
65 26.7 7.2 47.2
66 35.6 14.3 54.3

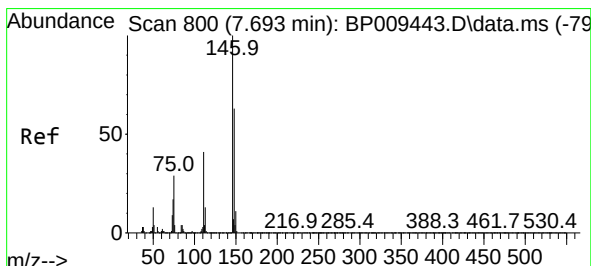
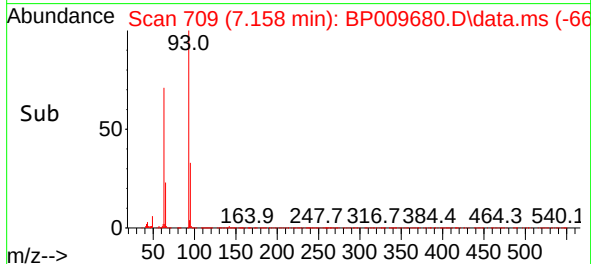
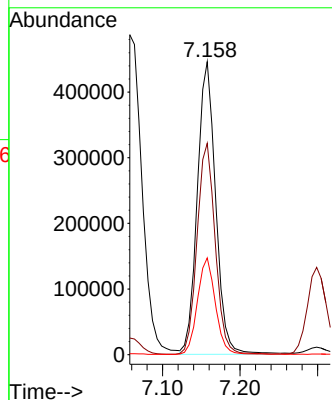
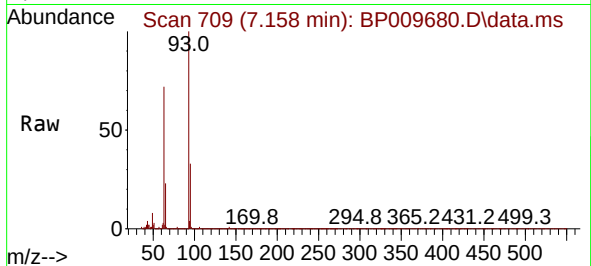




#11
bis(2-Chloroethyl)ether
Concen: 52.833 ng
RT: 7.158 min Scan# 709
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

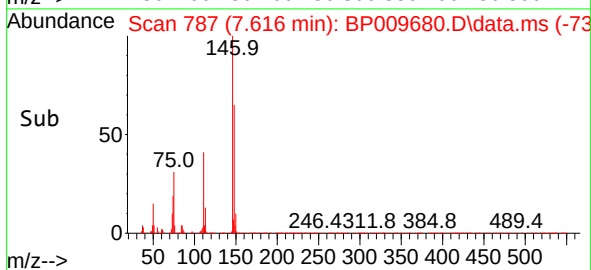
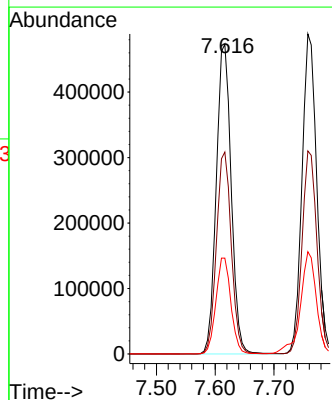
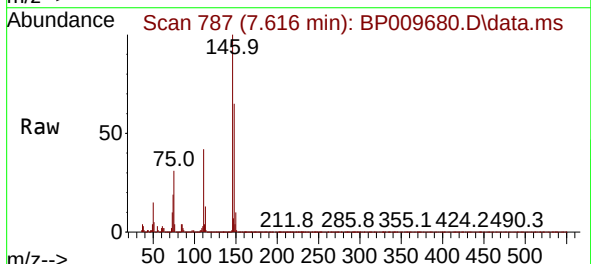
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

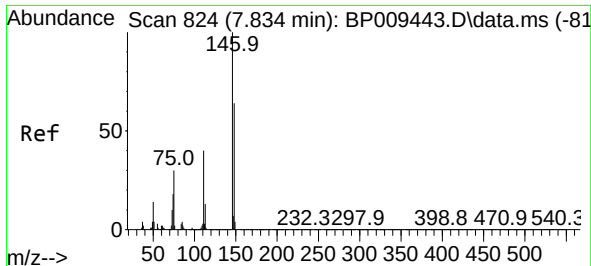
Tgt Ion: 93 Resp: 734272
Ion Ratio Lower Upper
93 100
63 72.1 53.5 93.5
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 50.085 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 146 Resp: 834328
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 31.0 25.3 37.9

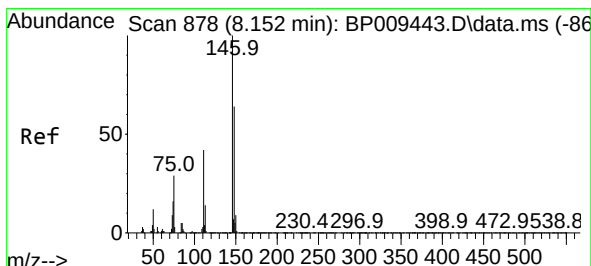
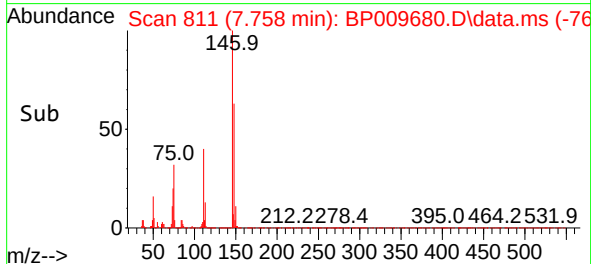
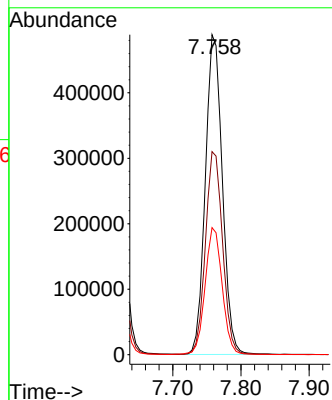
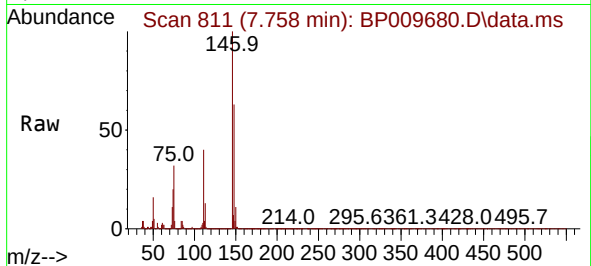




#13
1,4-Dichlorobenzene
Concen: 49.882 ng
RT: 7.758 min Scan# 811
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

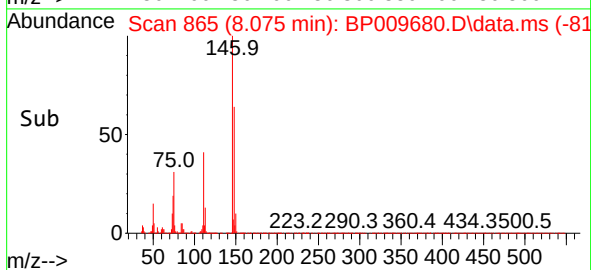
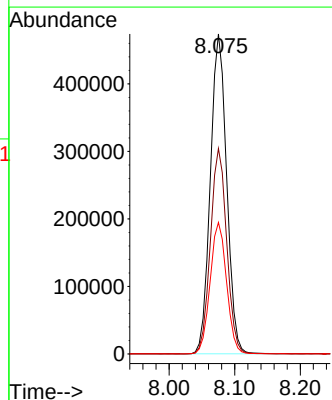
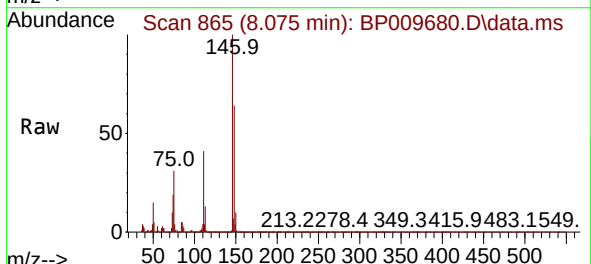
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

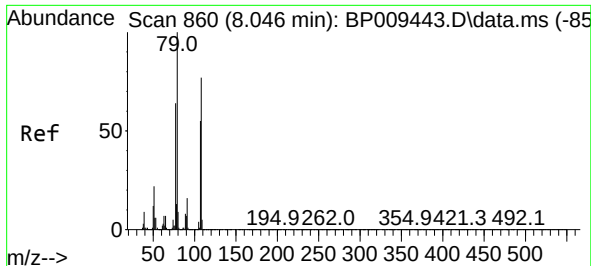
Tgt Ion:146 Resp: 849599
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 39.7 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 49.725 ng
RT: 8.075 min Scan# 865
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:146 Resp: 818581
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 41.1 34.1 51.1

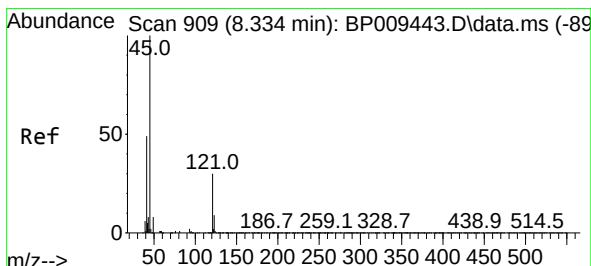
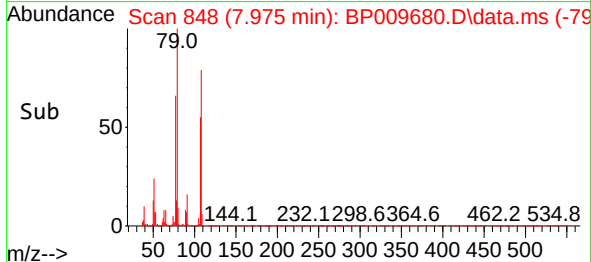
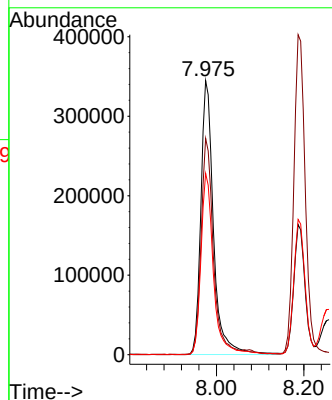
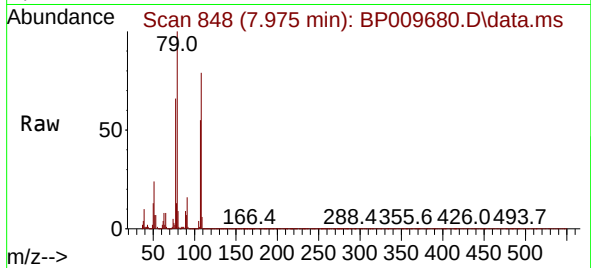




#15
Benzyl Alcohol
Concen: 49.750 ng
RT: 7.975 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

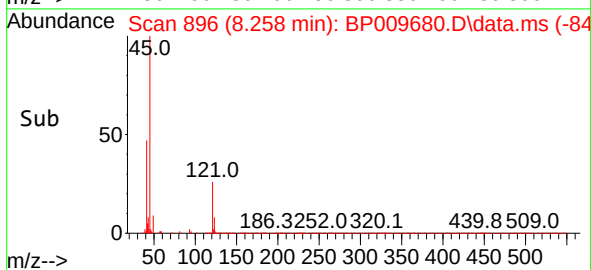
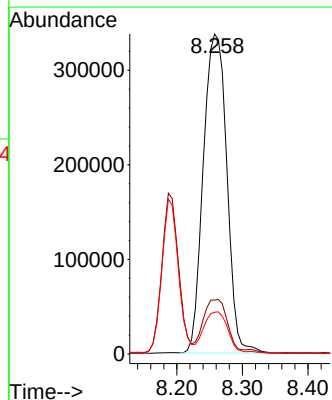
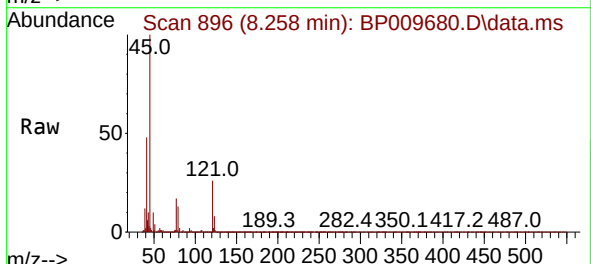
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

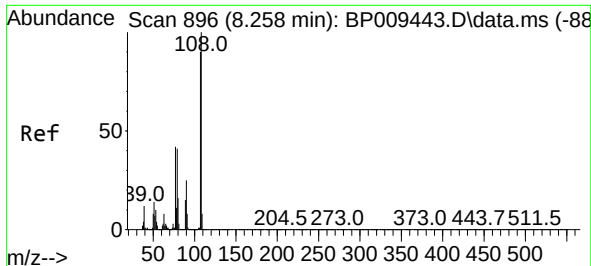
Tgt Ion: 79 Resp: 694310
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 66.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.897 ng
RT: 8.258 min Scan# 896
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 45 Resp: 842109
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.5
79 13.0 0.0 32.4

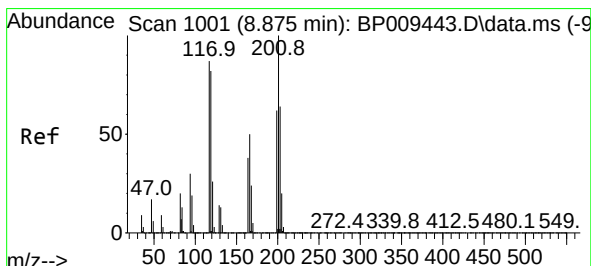
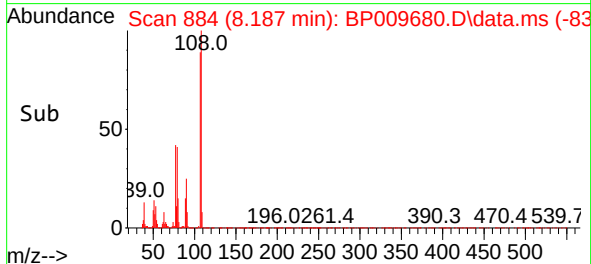
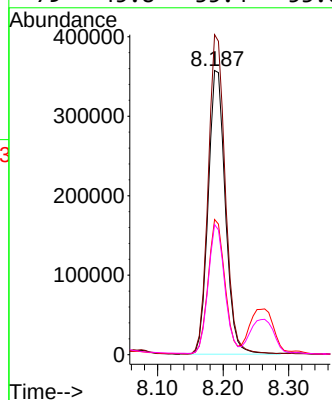
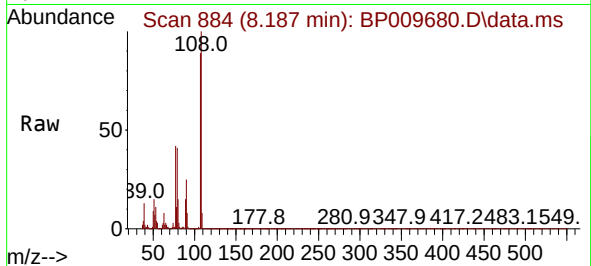




#17
2-Methylphenol
Concen: 53.600 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

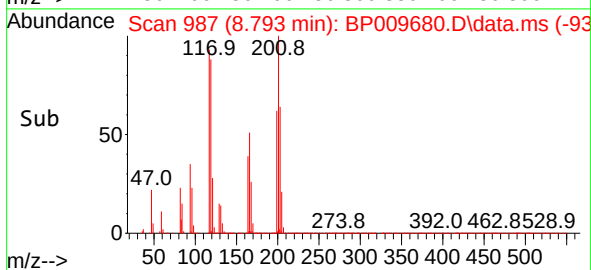
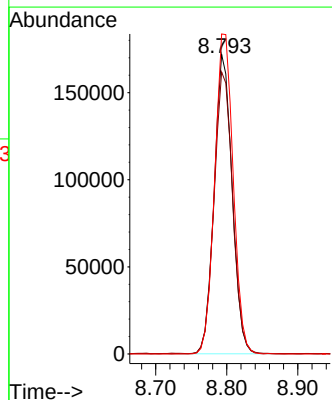
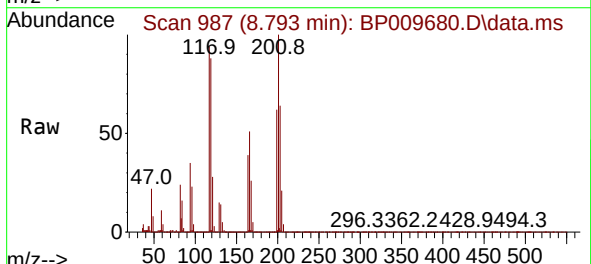
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

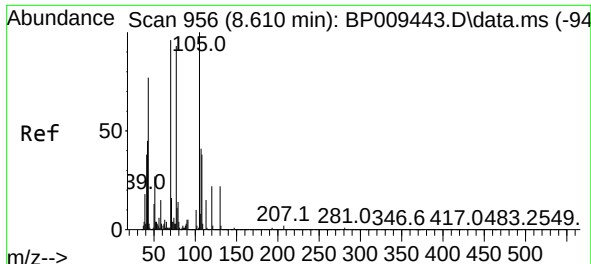
Tgt Ion:	107	Resp:	648643
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.2	135.2
77	47.6	36.3	54.5
79	45.8	35.4	53.0



#18
Hexachloroethane
Concen: 50.579 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:	117	Resp:	301908
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.4	114.6
201	106.9	83.4	125.2

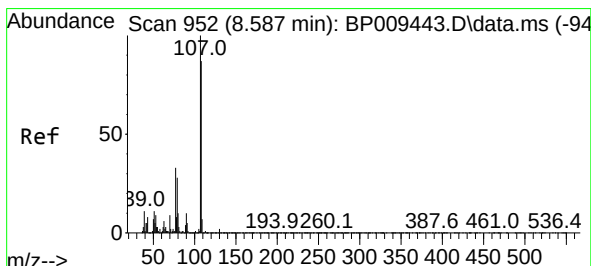
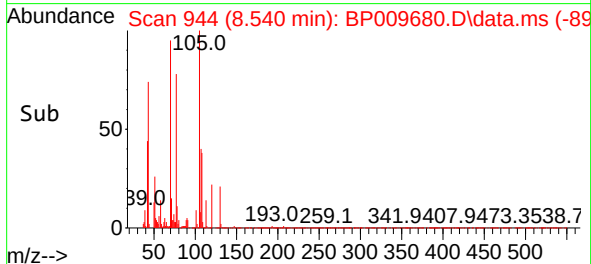
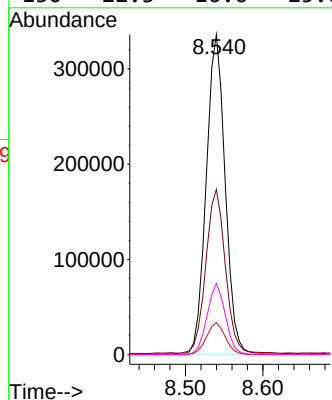
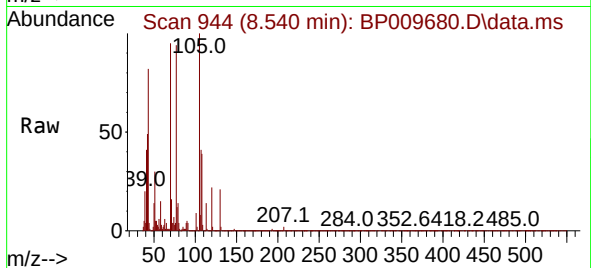




#19
n-Nitroso-di-n-propylamine
Concen: 51.117 ng
RT: 8.540 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

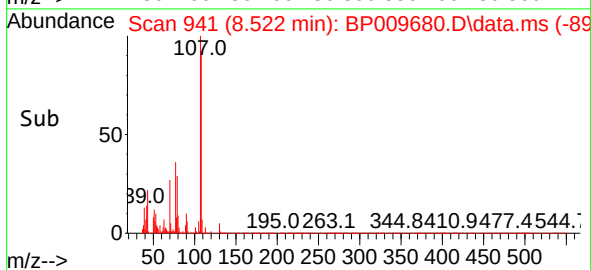
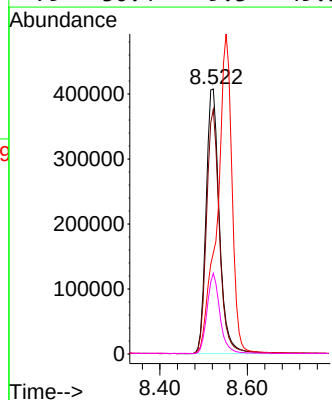
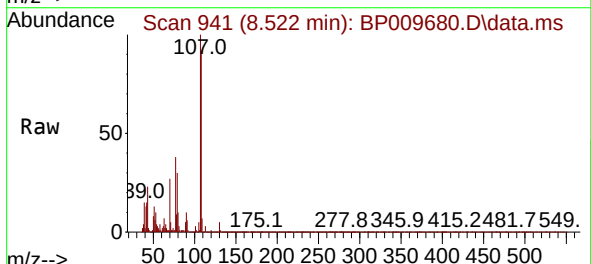
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

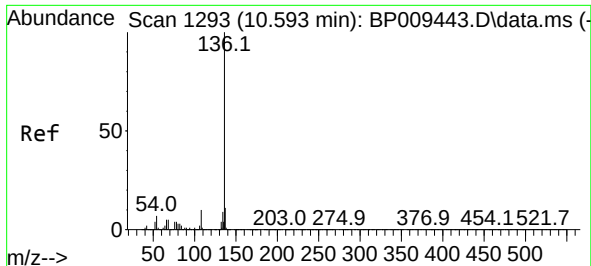
Tgt Ion: 70 Resp: 565942
Ion Ratio Lower Upper
70 100
42 51.7 41.0 61.4
101 10.0 7.9 11.9
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 52.076 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 107 Resp: 866529
Ion Ratio Lower Upper
107 100
108 92.3 69.4 109.4
77 38.1 13.6 53.6
79 30.4 9.3 49.3

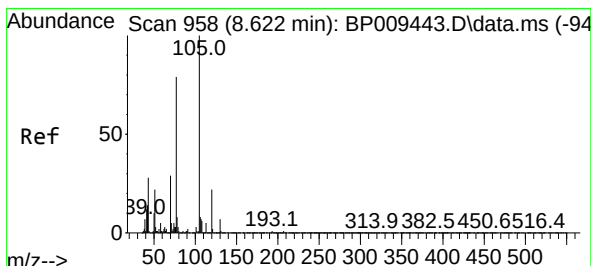
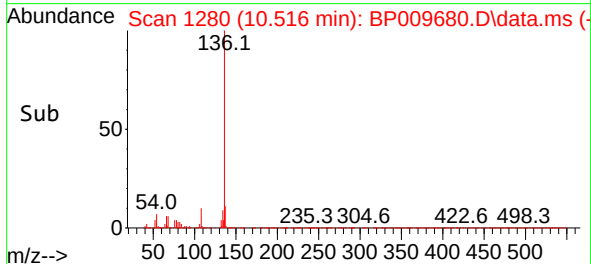
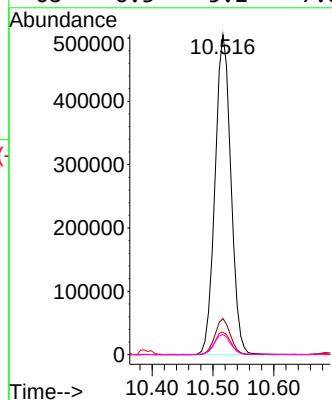
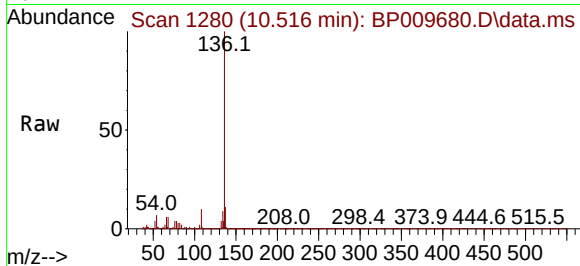




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

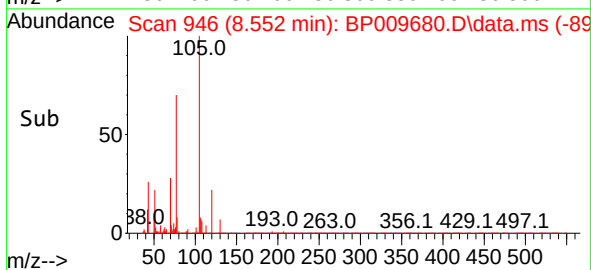
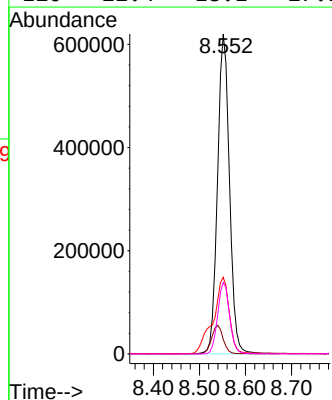
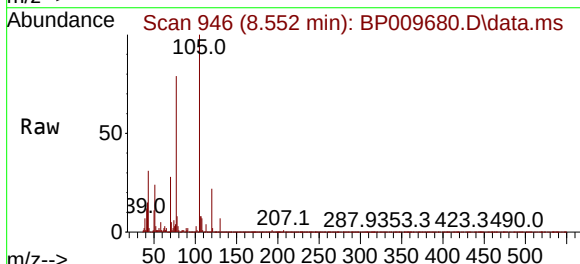
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

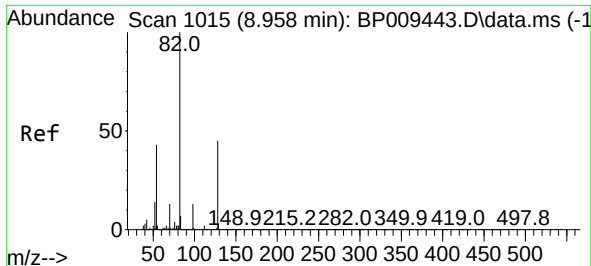
Tgt Ion:136 Resp: 913415
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 49.376 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:105 Resp: 1116284
Ion Ratio Lower Upper
105 100
71 4.5 5.5 8.3#
51 24.0 18.9 28.3
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 81.055 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

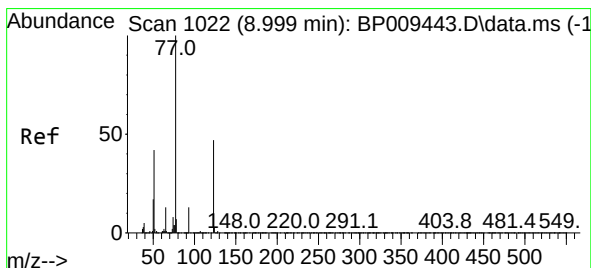
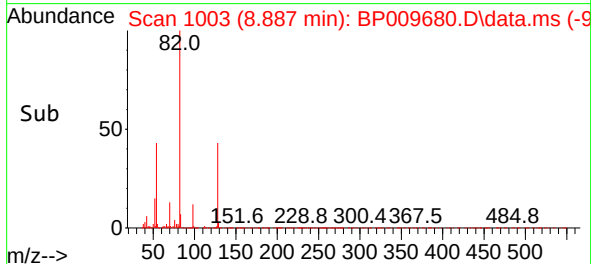
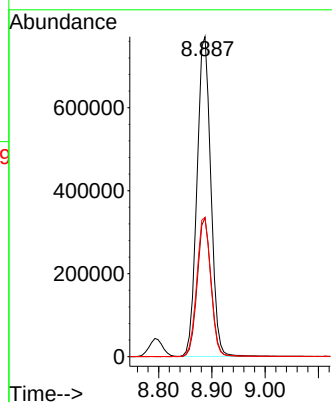
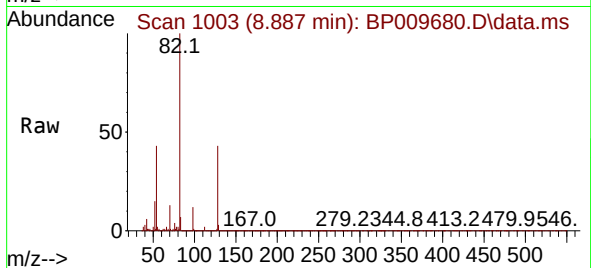
Tgt Ion: 82 Resp: 1393221

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 43.5 34.7 52.1



#24

Nitrobenzene

Concen: 52.108 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

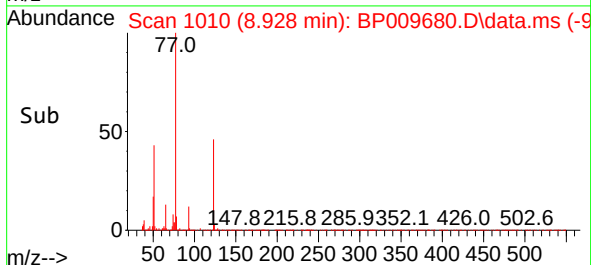
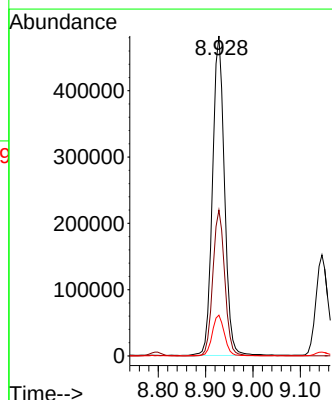
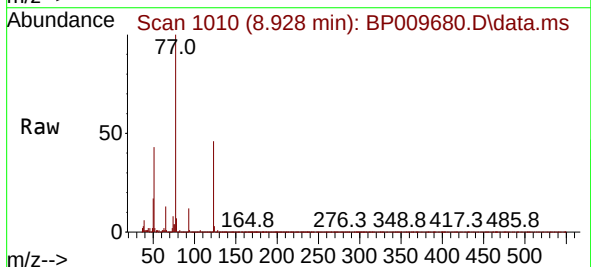
Tgt Ion: 77 Resp: 846103

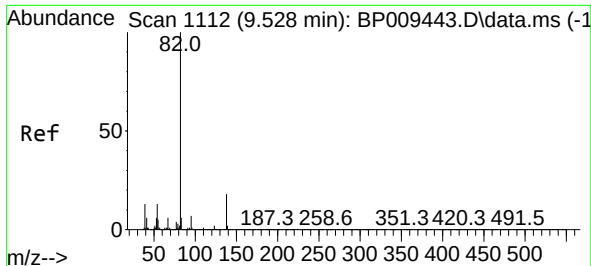
Ion Ratio Lower Upper

77 100

123 45.6 35.5 53.3

65 12.7 10.3 15.5

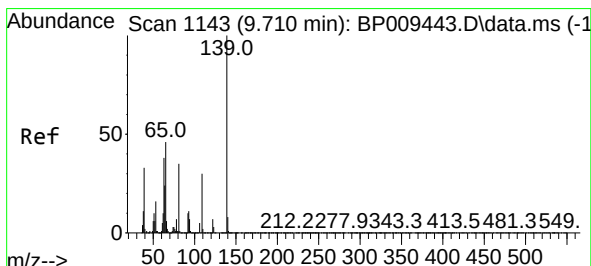
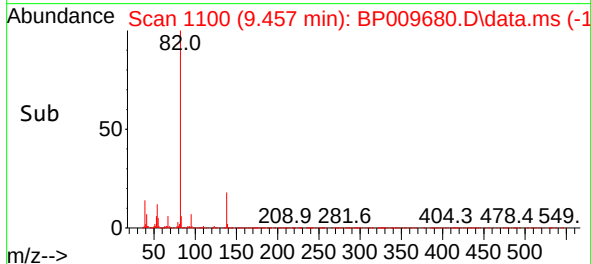
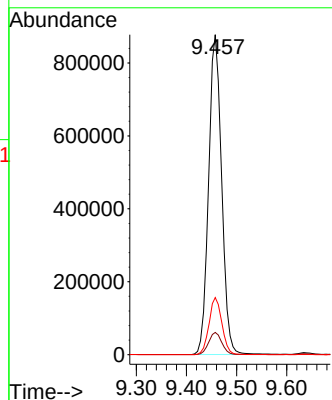
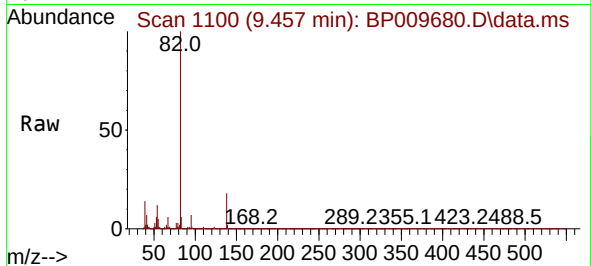




#25
Isophorone
Concen: 54.004 ng
RT: 9.457 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

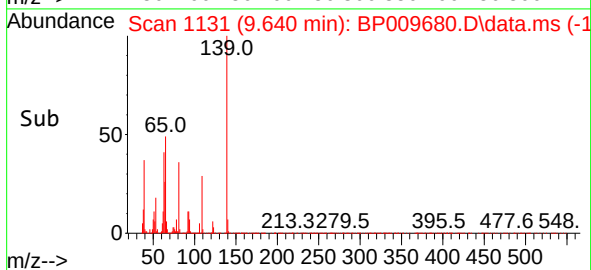
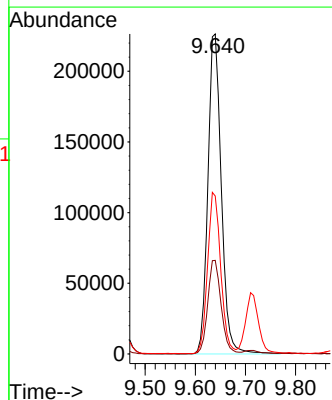
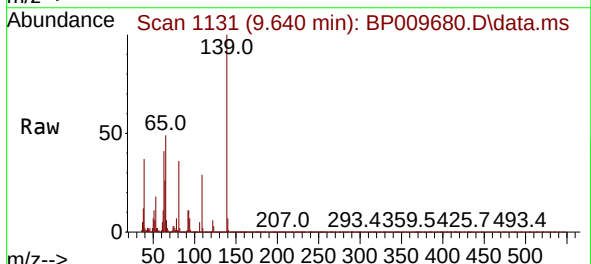
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

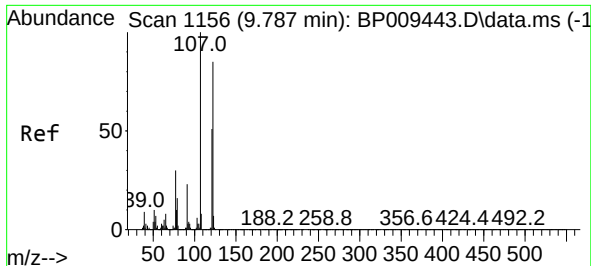
Tgt Ion: 82 Resp: 1583376
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 49.844 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 139 Resp: 421858
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 49.4 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 60.201 ng

RT: 9.716 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

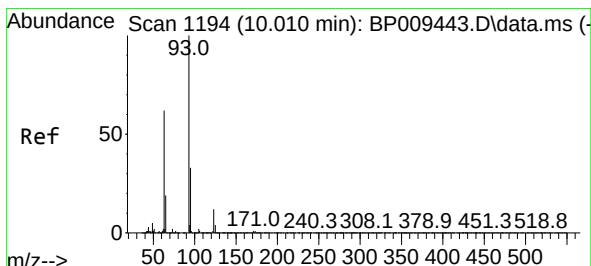
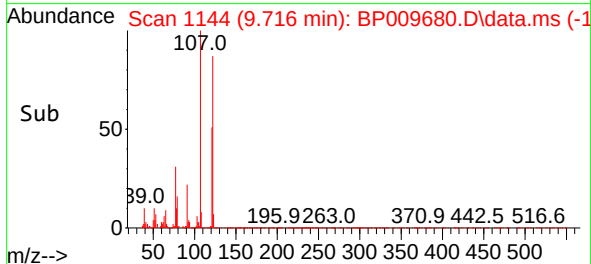
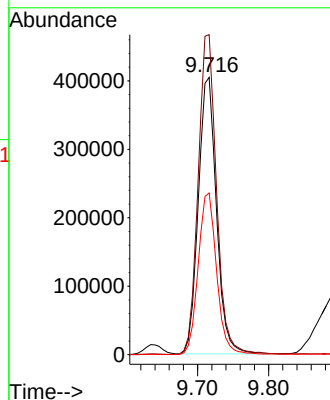
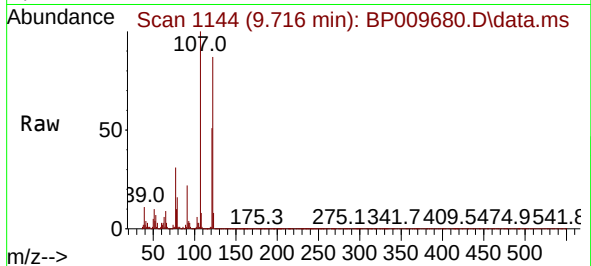
Tgt Ion:122 Resp: 718975

Ion Ratio Lower Upper

122 100

107 115.4 92.6 138.8

121 58.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.013 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.018 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

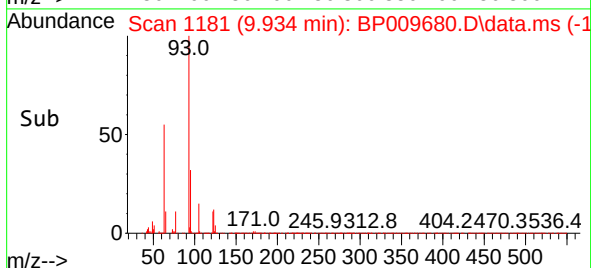
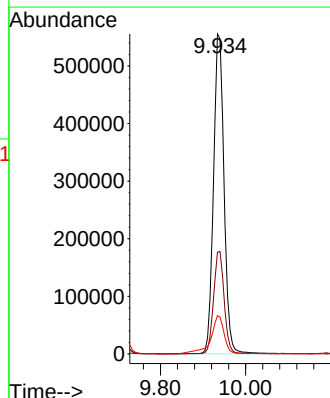
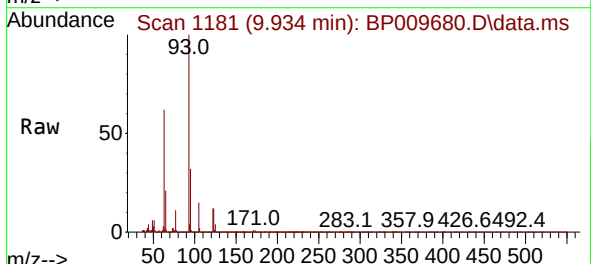
Tgt Ion: 93 Resp: 954756

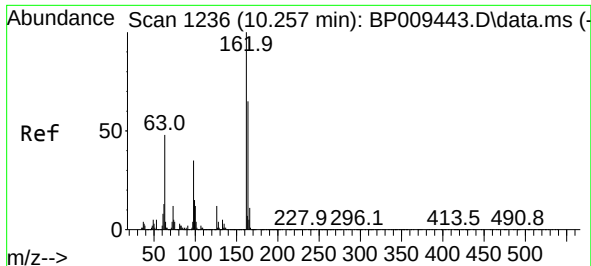
Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

123 12.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.004 ng

RT: 10.187 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

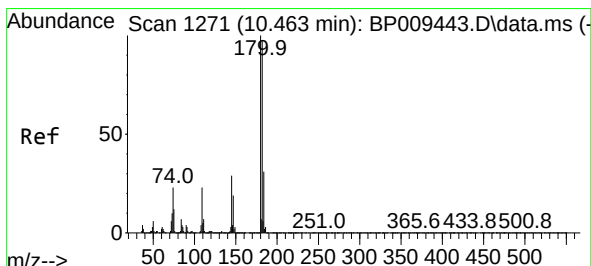
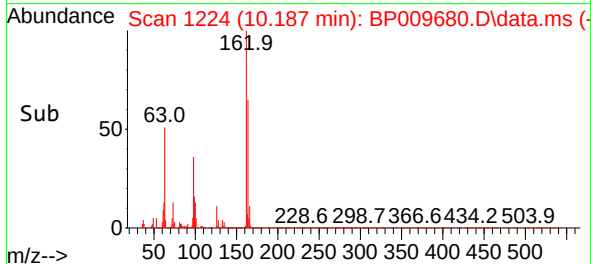
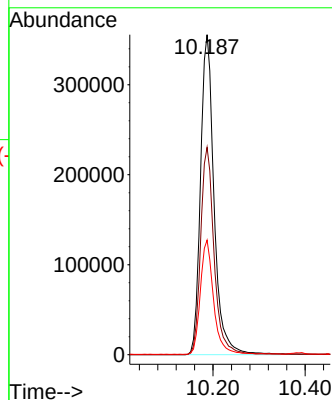
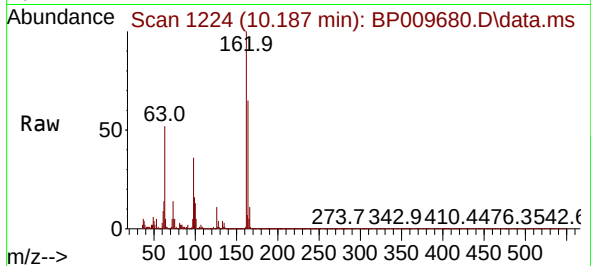
Tgt Ion:162 Resp: 728442

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

98 35.8 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 46.323 ng

RT: 10.387 min Scan# 1258

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

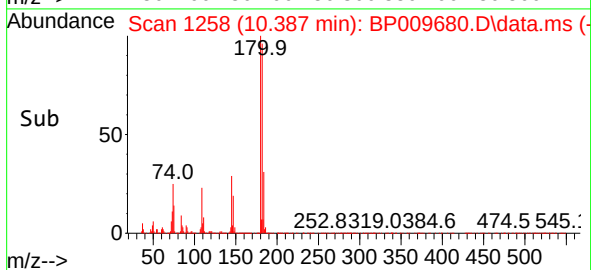
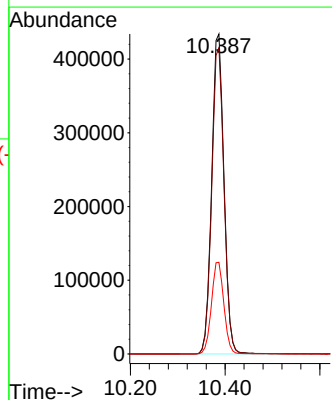
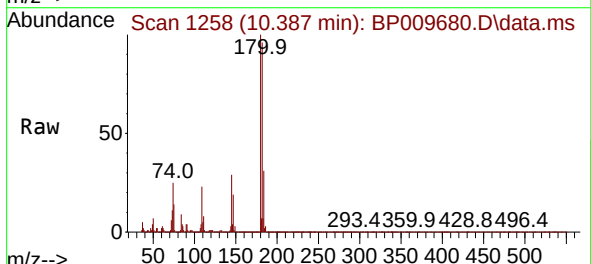
Tgt Ion:180 Resp: 781820

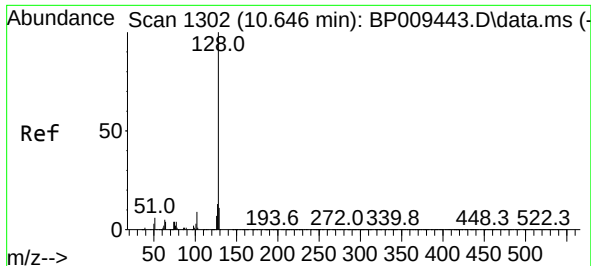
Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 28.7 23.8 35.6

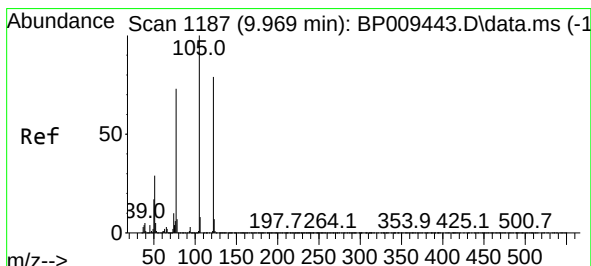
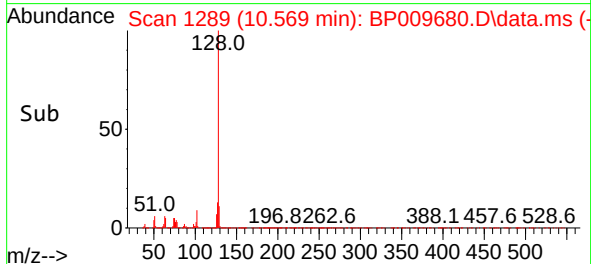
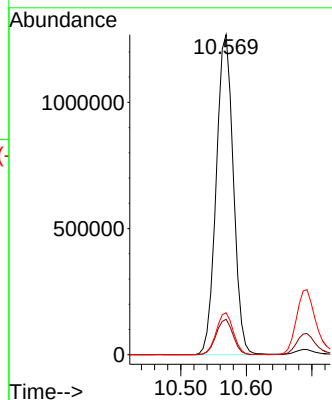
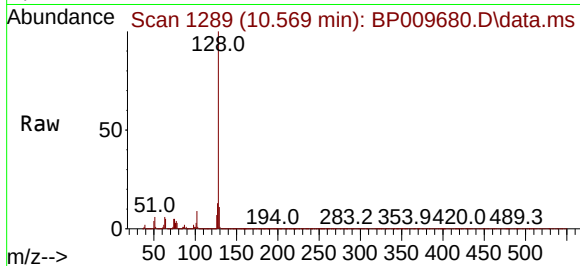




#31
Naphthalene
Concen: 48.653 ng
RT: 10.569 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

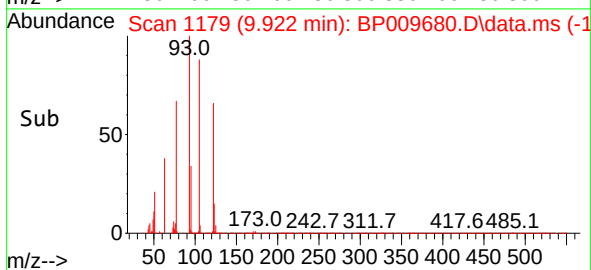
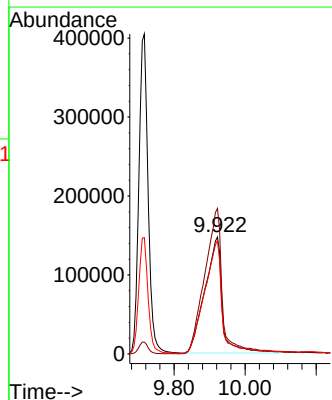
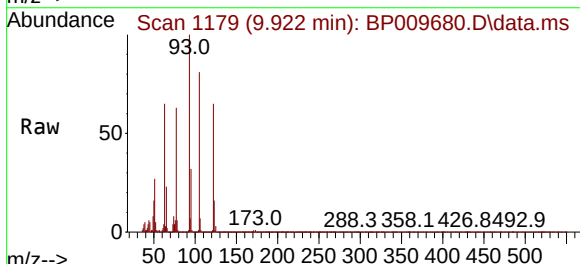
Instrument :
BNA_P
ClientSampleId :
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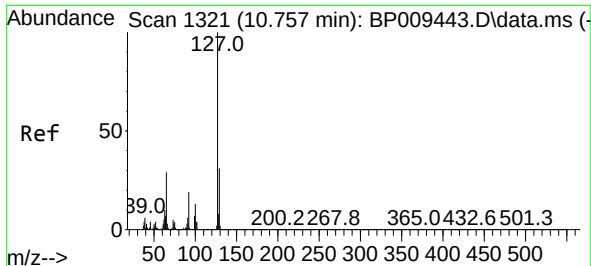
Tgt Ion:128 Resp: 2289102
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 54.005 ng
RT: 9.922 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:122 Resp: 504262
Ion Ratio Lower Upper
122 100
105 124.6 110.5 150.5
77 97.0 79.9 119.9

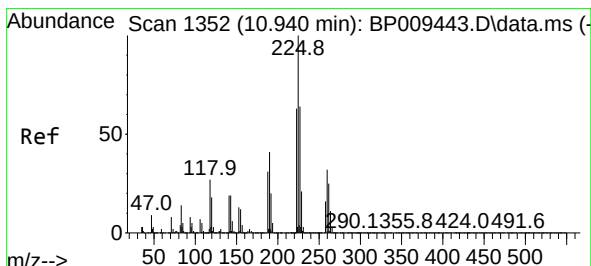
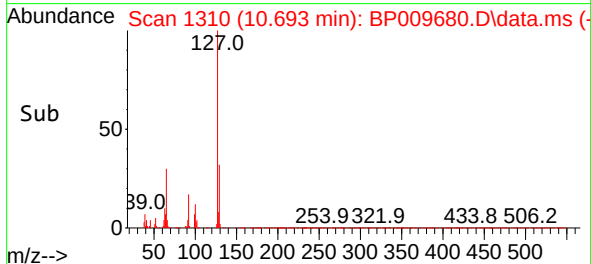
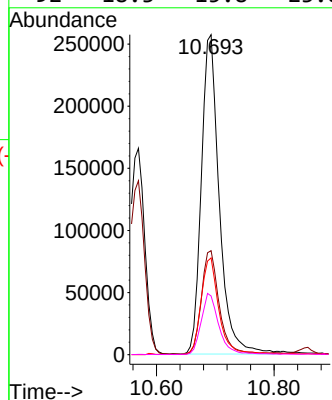
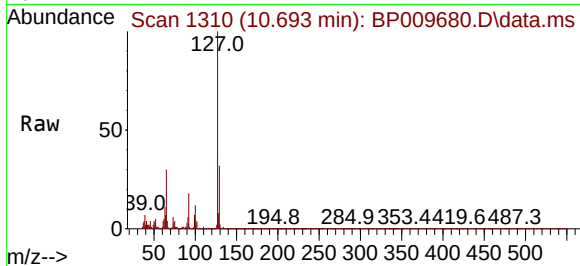




#33
4-Chloroaniline
Concen: 28.437 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

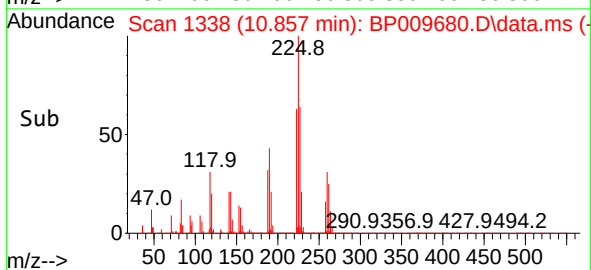
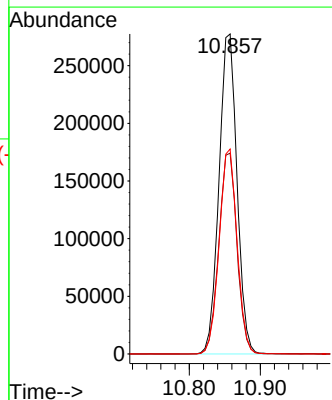
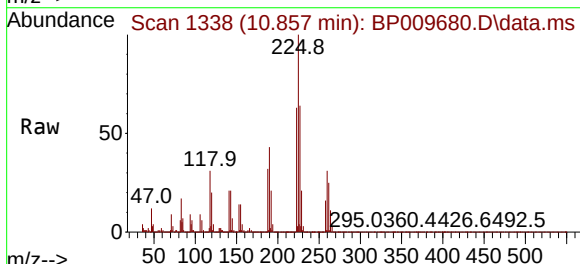
Instrument :
BNA_P
ClientSampleId :
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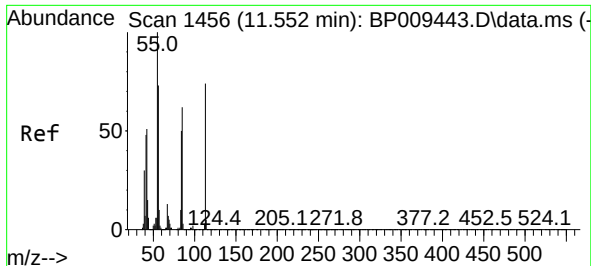
Tgt Ion:	127	Resp:	545970
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	30.3	24.3	36.5
92	18.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.514 ng
RT: 10.857 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:	225	Resp:	486182
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	64.1	51.2	76.8

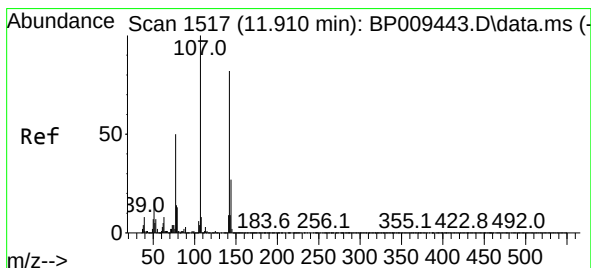
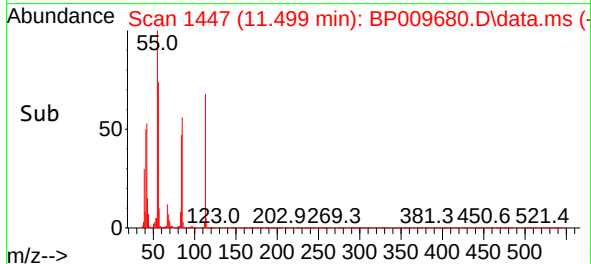
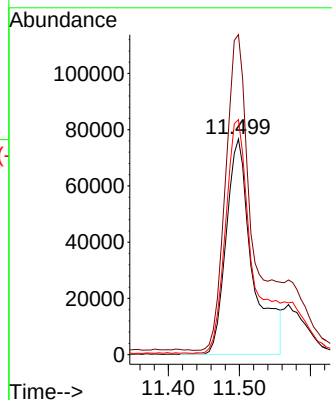
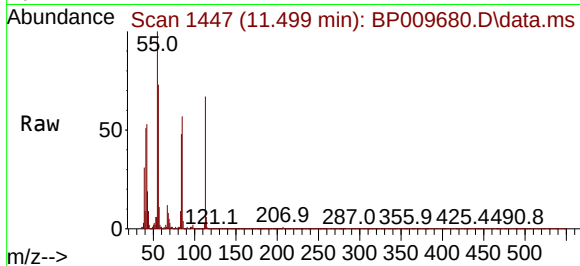




#35
Caprolactam
Concen: 39.879 ng
RT: 11.499 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

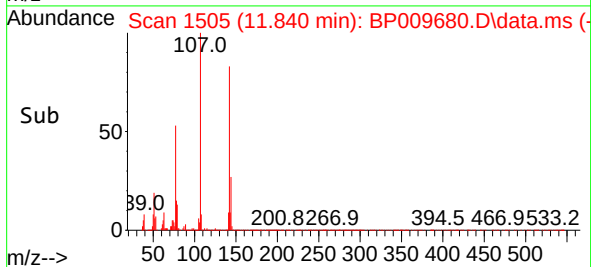
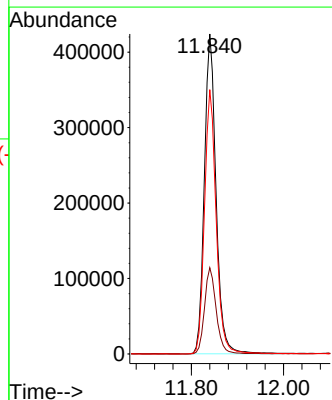
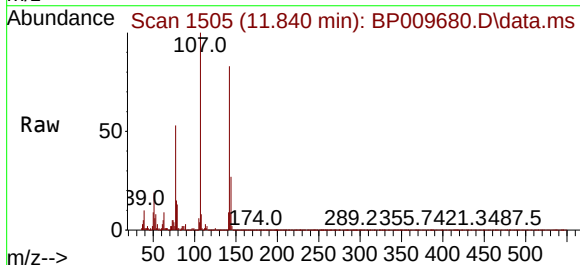
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

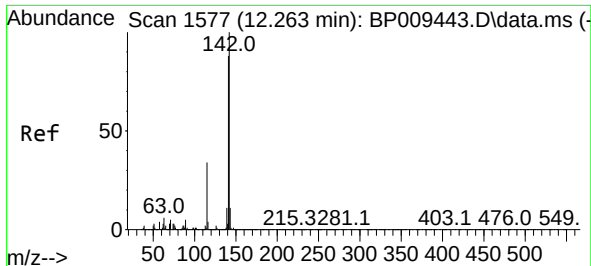
Tgt Ion:113 Resp: 196061
Ion Ratio Lower Upper
113 100
55 148.4 128.4 168.4
56 109.0 90.9 130.9



#36
4-Chloro-3-methylphenol
Concen: 48.077 ng
RT: 11.840 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:107 Resp: 752583
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.4
142 82.6 64.9 97.3

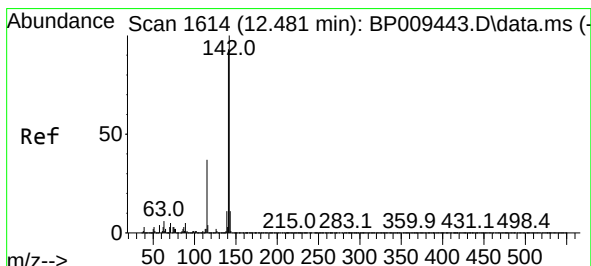
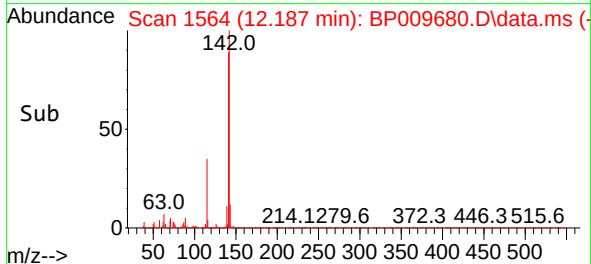
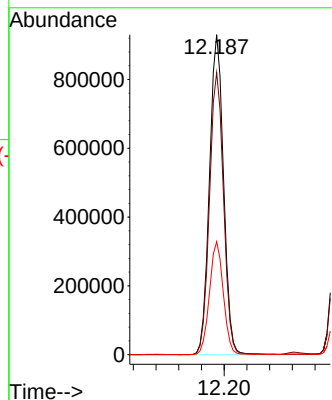
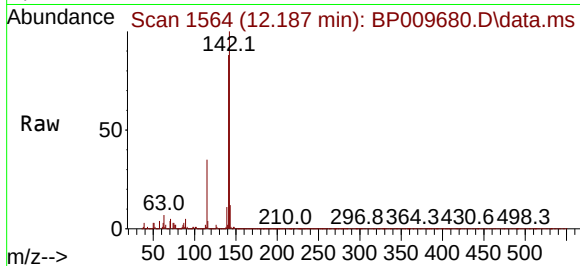




#37
2-Methylnaphthalene
Concen: 48.139 ng
RT: 12.187 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

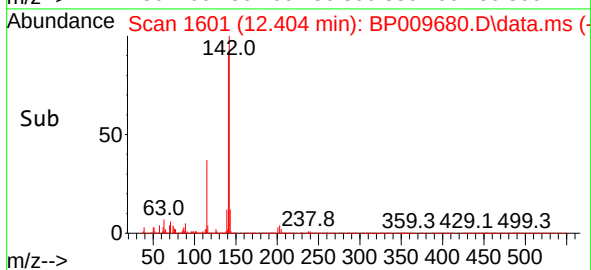
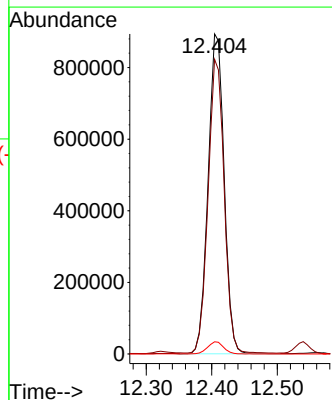
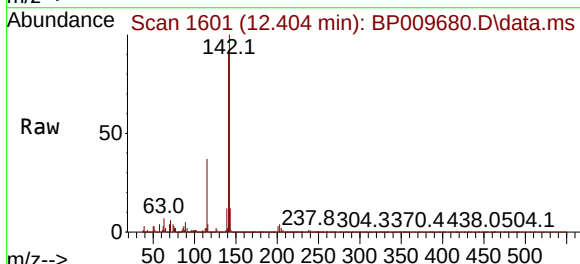
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BNA_P
ClientSampleId :
SOIL-DRUMMSD

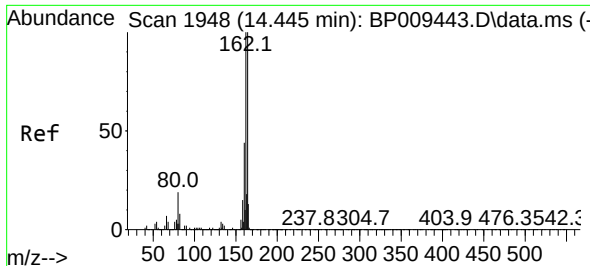
Tgt Ion:142 Resp: 1589164
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4
115 35.3 27.4 41.2



#38
1-Methylnaphthalene
Concen: 47.285 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:142 Resp: 1520649
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 3.8 3.3 4.9

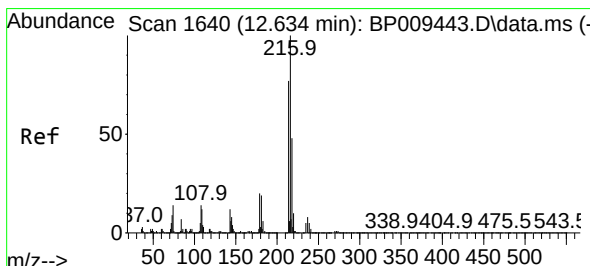
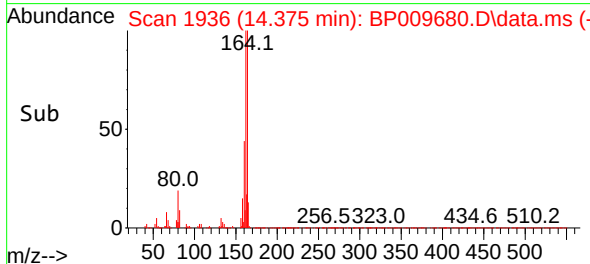
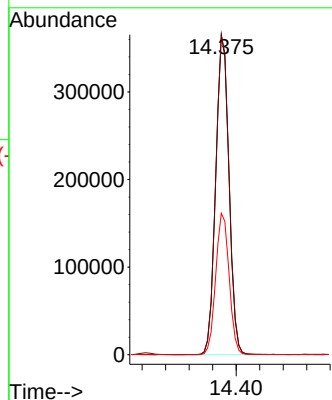
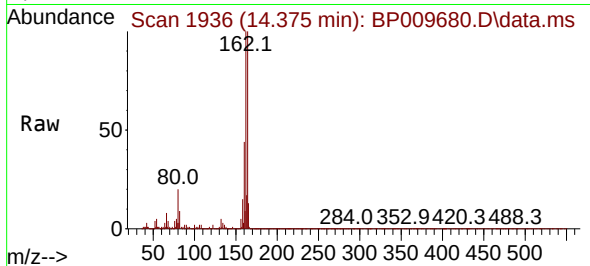




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

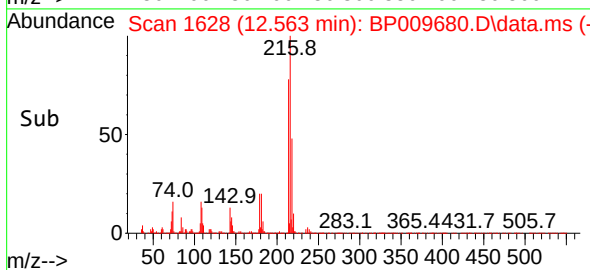
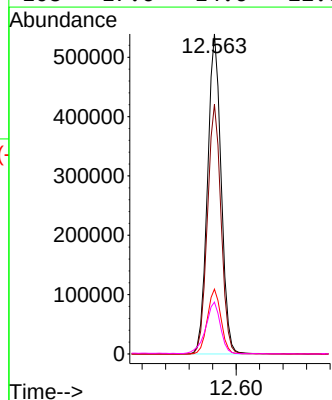
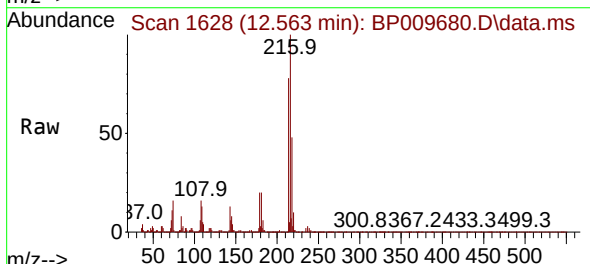
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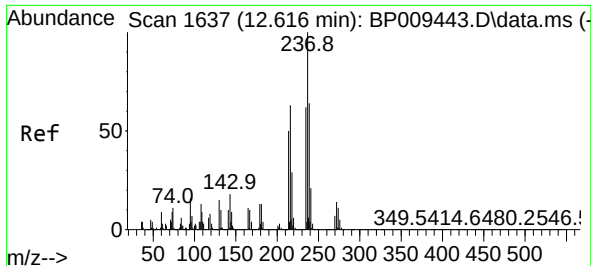
Tgt Ion:164 Resp: 570191
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.671 ng
RT: 12.563 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:216 Resp: 864013
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 20.2 16.8 25.2
108 17.6 14.6 22.0

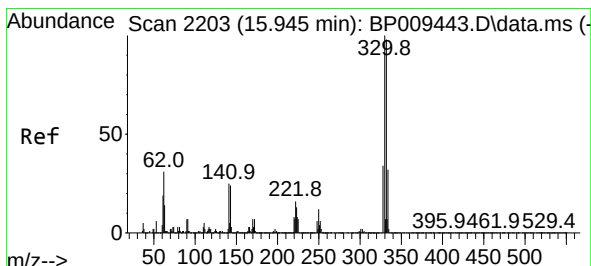
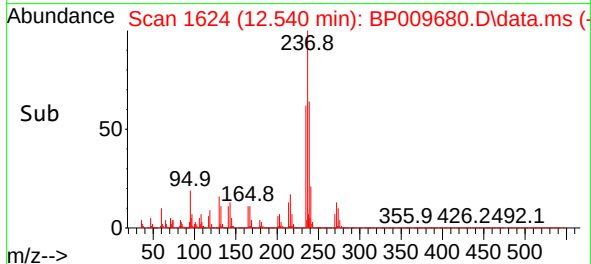
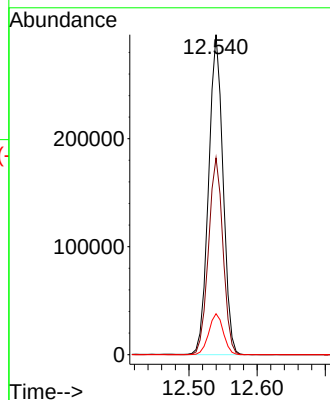
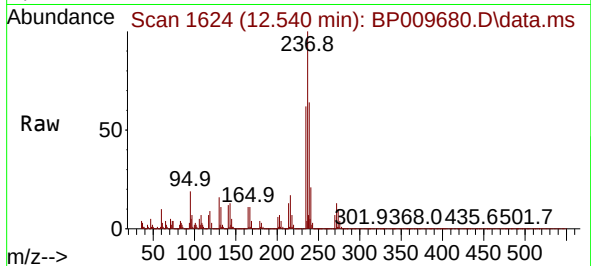




#41
Hexachlorocyclopentadiene
Concen: 55.395 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

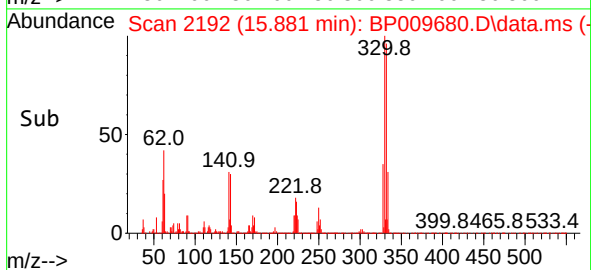
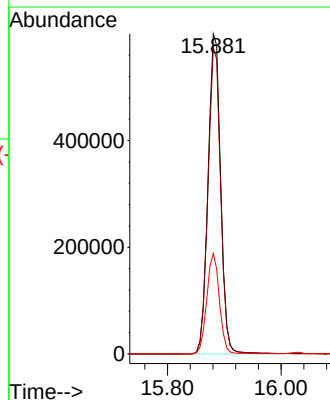
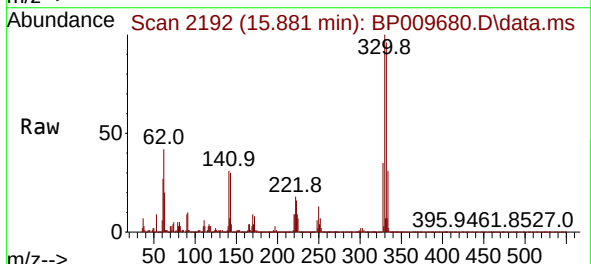
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BNA_P
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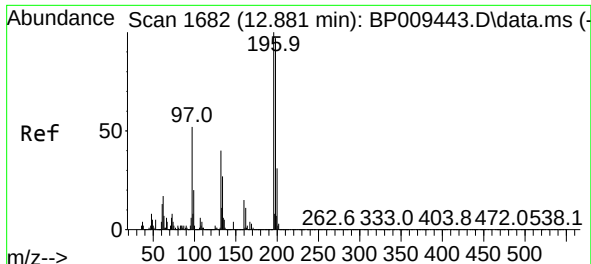
Tgt Ion:237 Resp: 435870
Ion Ratio Lower Upper
237 100
235 61.5 42.6 82.6
272 12.8 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 97.901 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:330 Resp: 921167
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.5 27.6 41.4

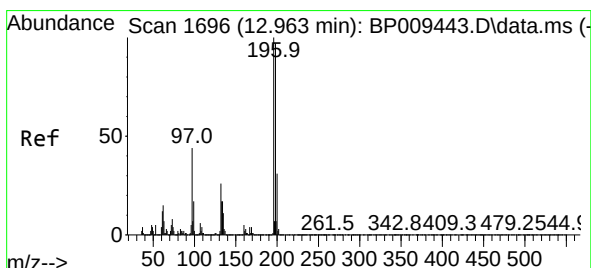
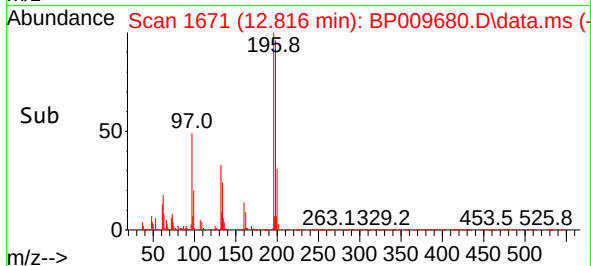
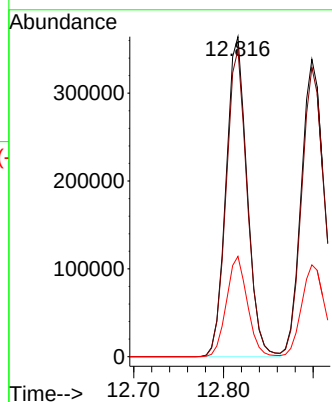
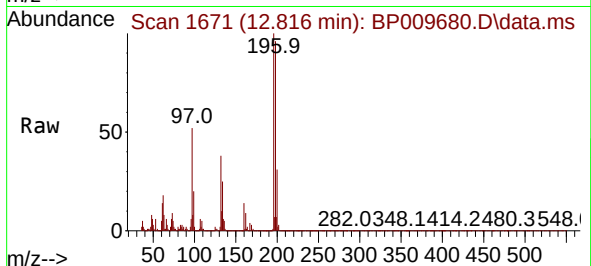




#43
2,4,6-Trichlorophenol
Concen: 47.317 ng
RT: 12.816 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

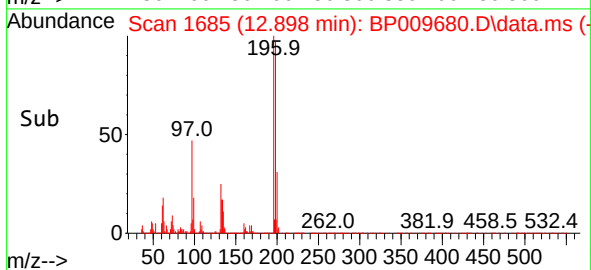
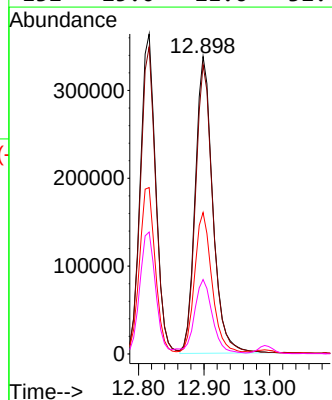
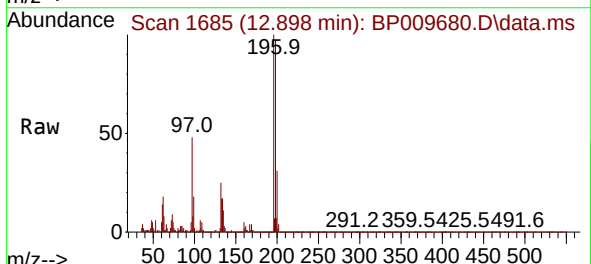
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

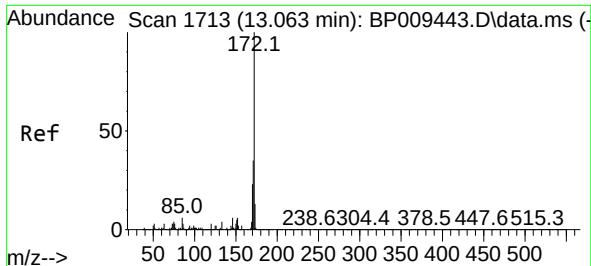
Tgt Ion:196 Resp: 593324
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.4
200 31.3 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 46.211 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:196 Resp: 629248
Ion Ratio Lower Upper
196 100
198 97.2 76.6 114.8
97 47.5 38.3 57.5
132 25.0 21.6 32.4

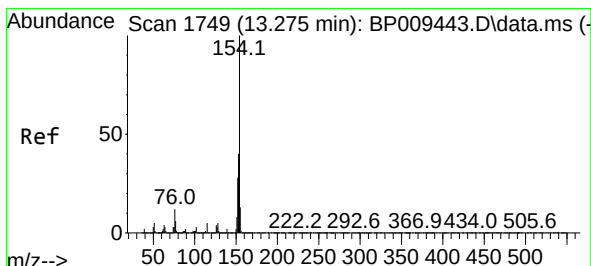
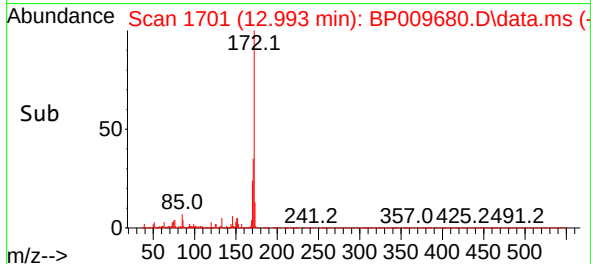
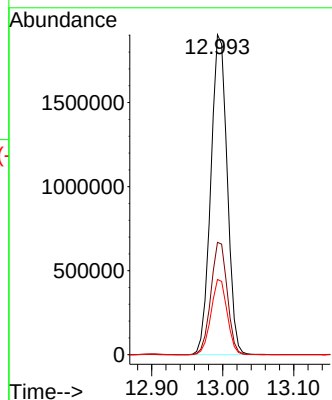
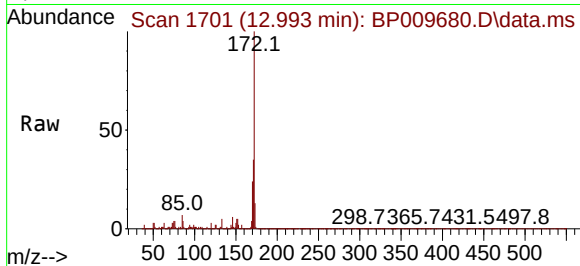




#45
2-Fluorobiphenyl
Concen: 74.145 ng
RT: 12.993 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

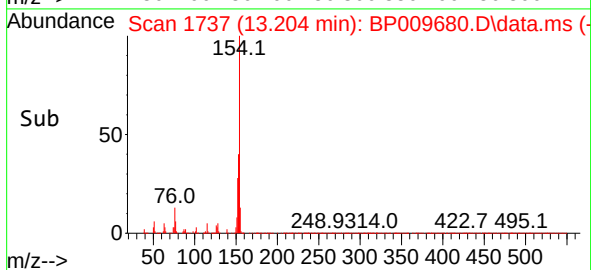
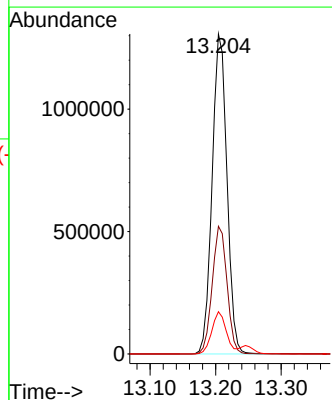
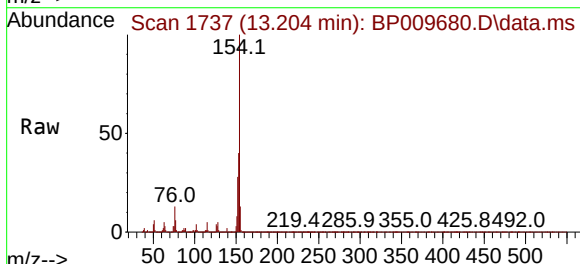
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

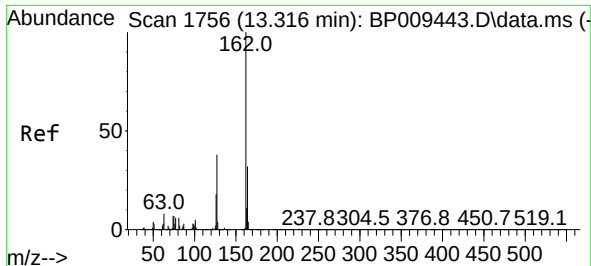
Tgt Ion:172 Resp: 3049639
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 48.233 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:154 Resp: 2051652
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 13.2 0.0 34.0

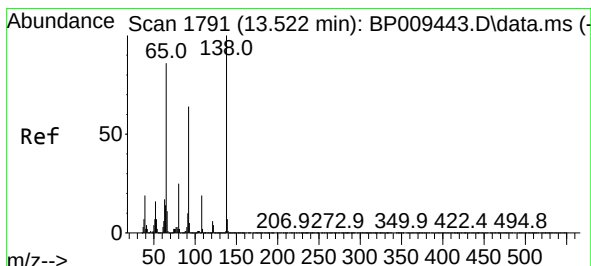
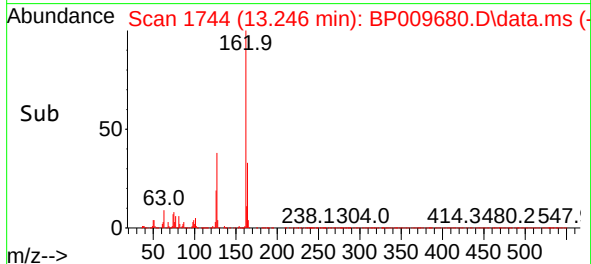
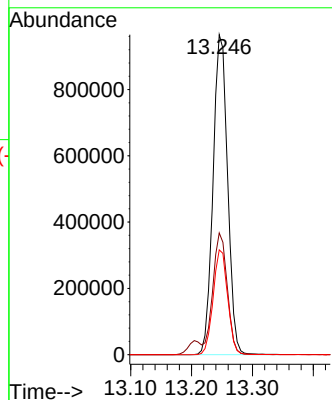
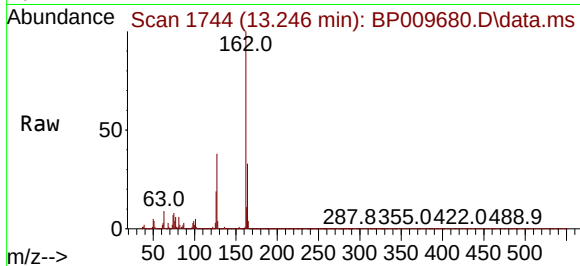




#47
2-Chloronaphthalene
Concen: 47.872 ng
RT: 13.246 min Scan# 1756
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

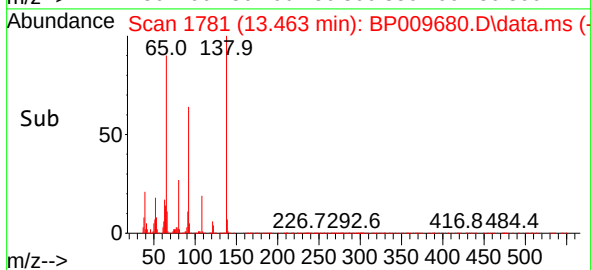
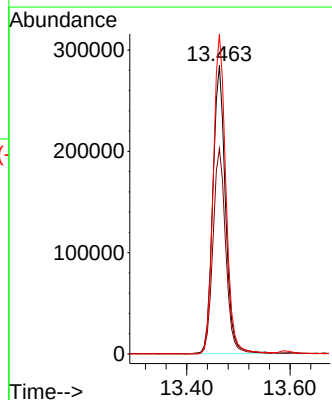
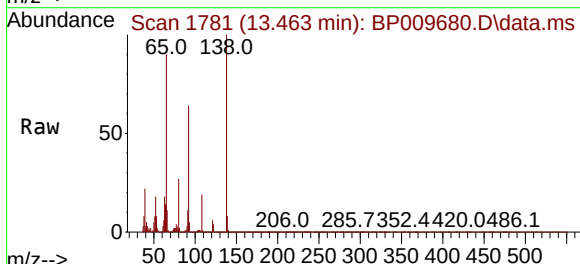
Instrument :
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ClientSampleId :
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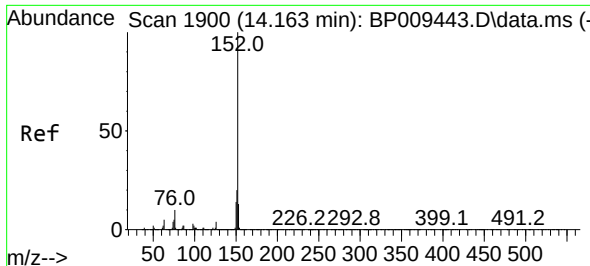
Tgt Ion:162 Resp: 1603201
Ion Ratio Lower Upper
162 100
127 38.1 30.8 46.2
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 53.280 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion: 65 Resp: 485972
Ion Ratio Lower Upper
65 100
92 71.2 56.9 85.3
138 110.9 89.3 133.9

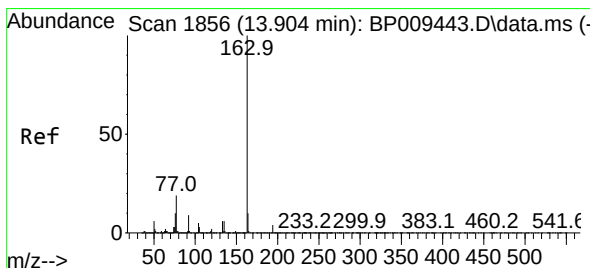
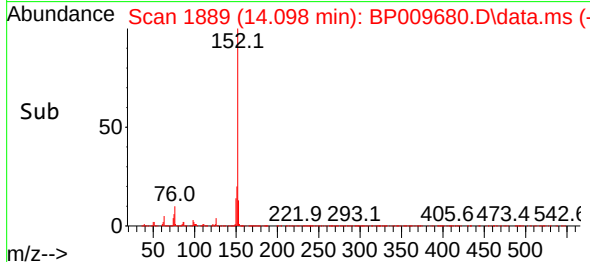
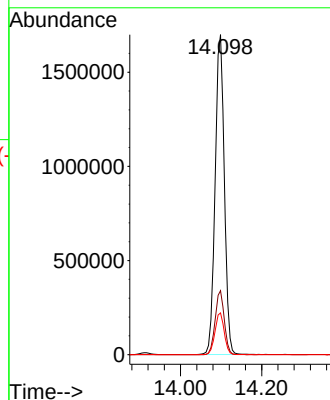
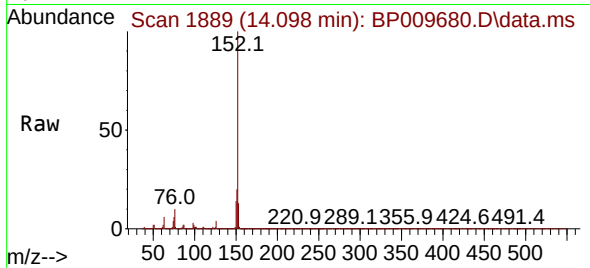




#49
Acenaphthylene
Concen: 51.431 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

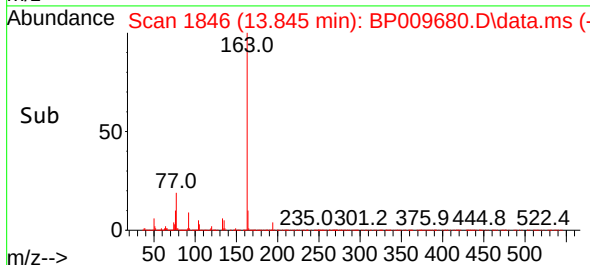
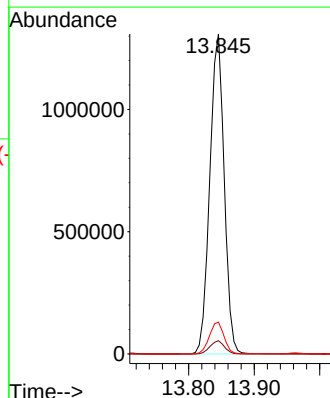
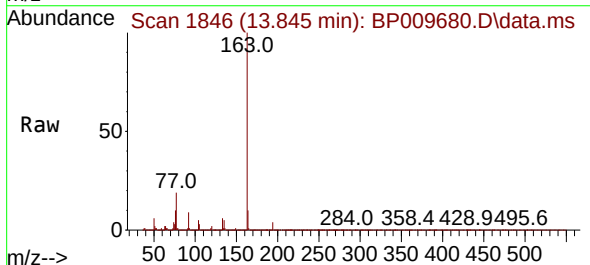
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

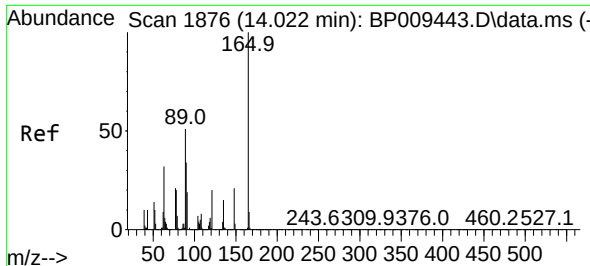
Tgt Ion:152 Resp: 2658893
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 46.251 ng
RT: 13.845 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:163 Resp: 1998257
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.2 12.2

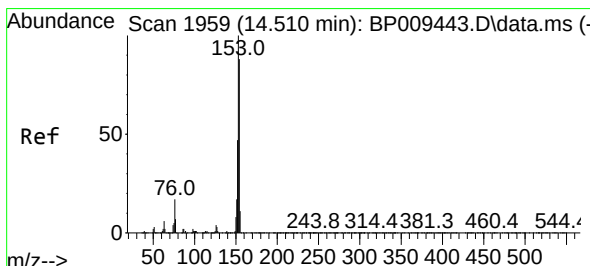
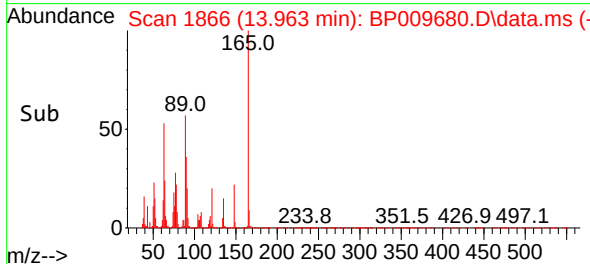
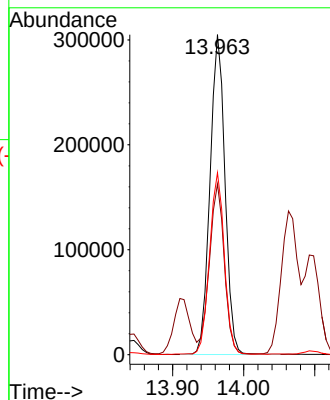
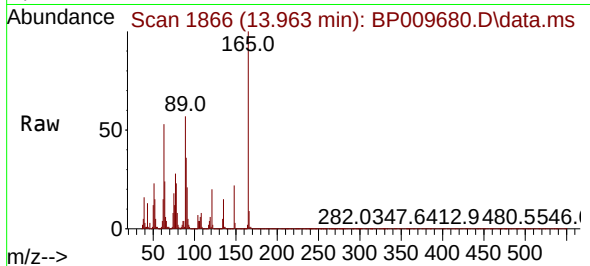




#51
2,6-Dinitrotoluene
Concen: 49.350 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

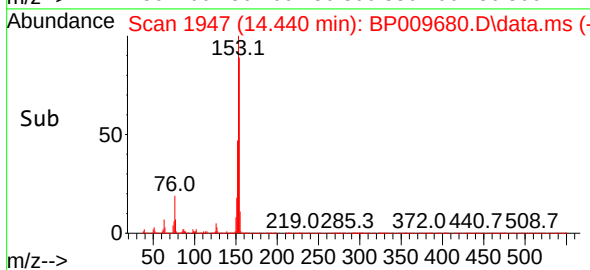
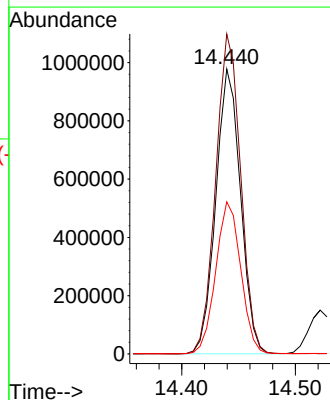
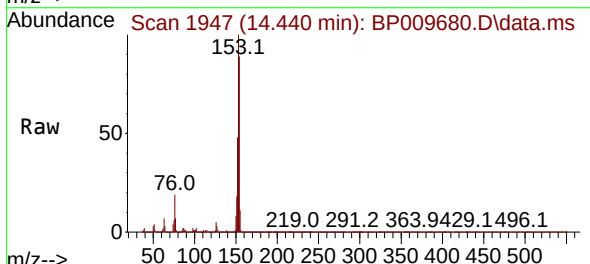
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

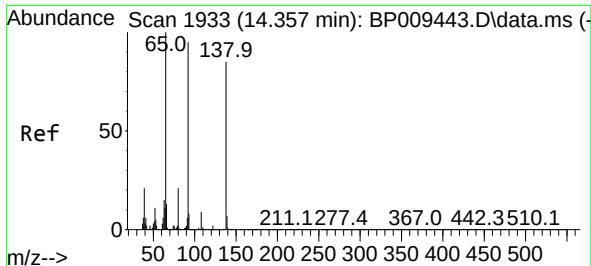
Tgt Ion:165 Resp: 446735
Ion Ratio Lower Upper
165 100
63 53.3 40.9 61.3
89 56.8 43.4 65.2



#52
Acenaphthene
Concen: 47.965 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:154 Resp: 1481274
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.4
152 53.4 42.7 64.1

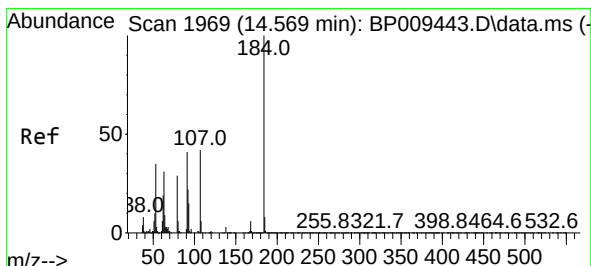
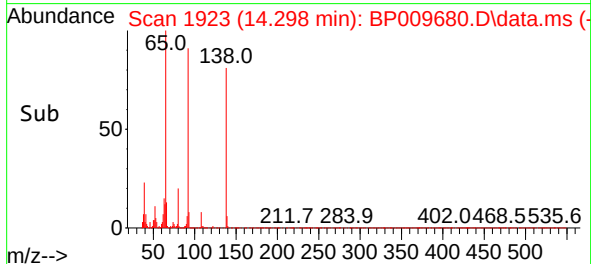
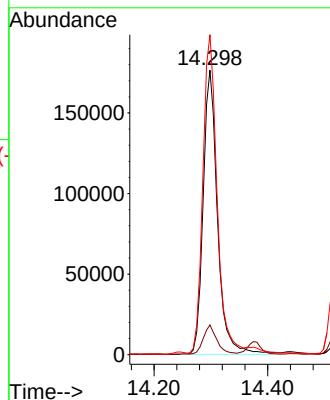
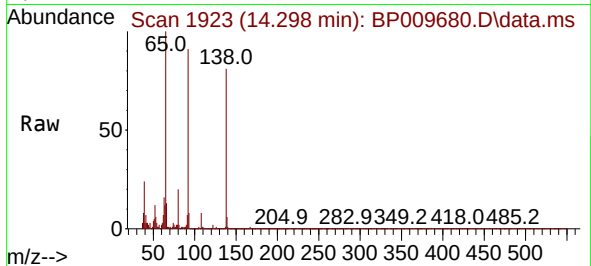




#53
3-Nitroaniline
Concen: 32.326 ng
RT: 14.298 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

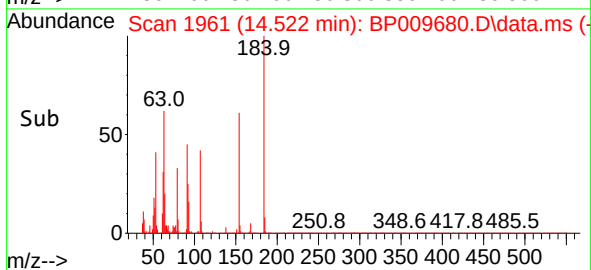
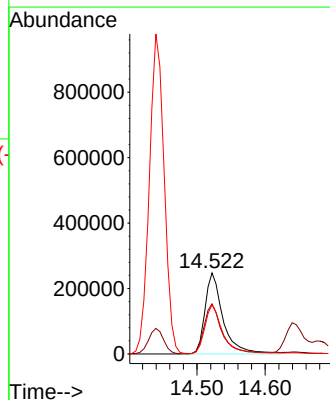
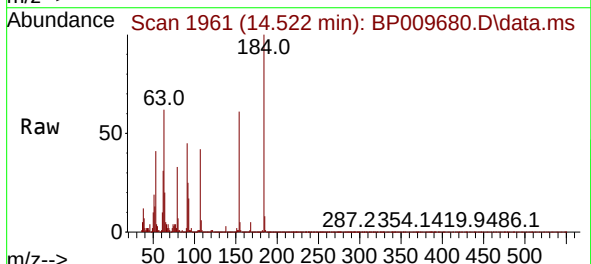
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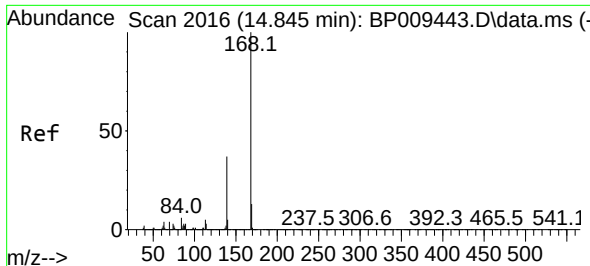
Tgt Ion:138 Resp: 309084
Ion Ratio Lower Upper
138 100
108 10.5 9.7 14.5
92 112.5 94.4 141.6



#54
2,4-Dinitrophenol
Concen: 81.157 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:184 Resp: 456901
Ion Ratio Lower Upper
184 100
63 61.9 46.3 69.5
154 60.9 45.8 68.6

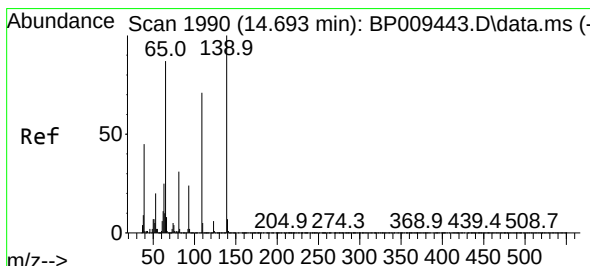
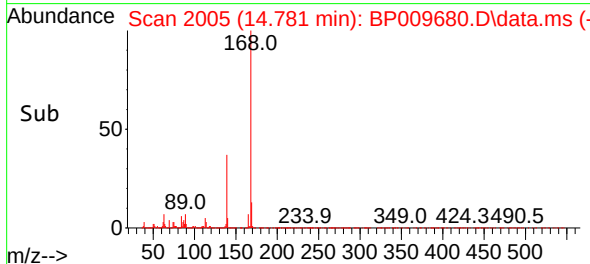
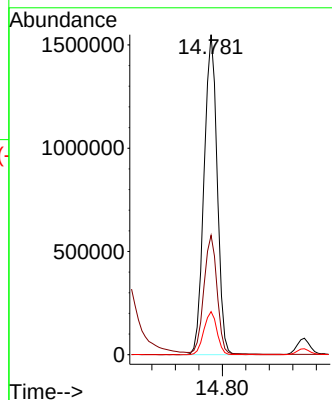
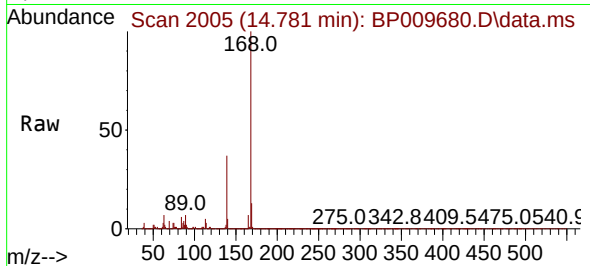




#55
Dibenzofuran
Concen: 46.142 ng
RT: 14.781 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

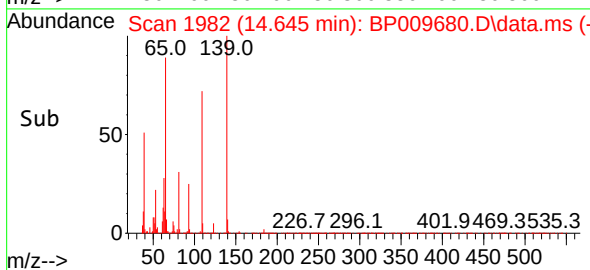
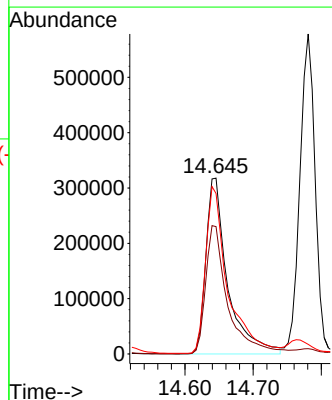
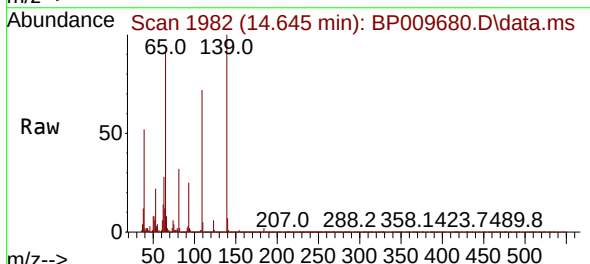
Instrument :
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ClientSampleId :
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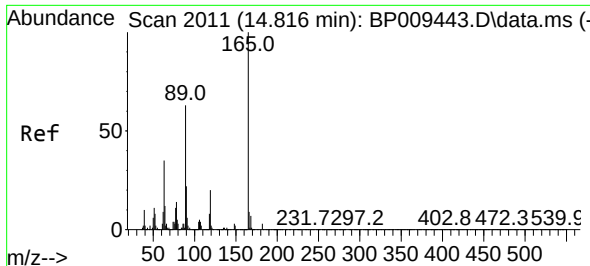
Tgt Ion:168 Resp: 2393963
Ion Ratio Lower Upper
168 100
139 37.3 29.1 43.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 99.096 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:139 Resp: 706277
Ion Ratio Lower Upper
139 100
109 72.4 51.2 91.2
65 91.3 73.2 113.2

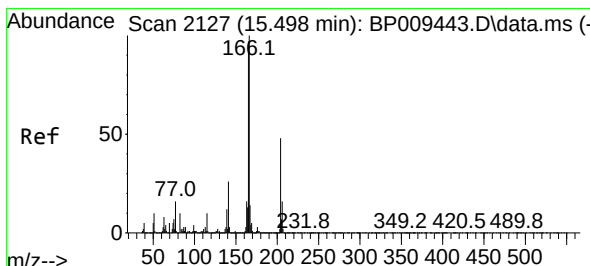
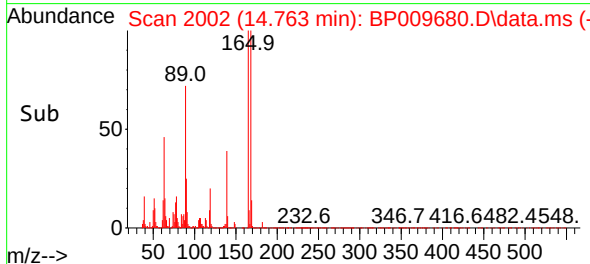
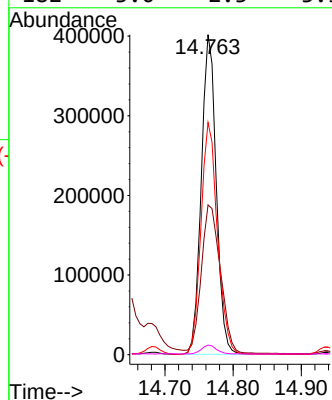
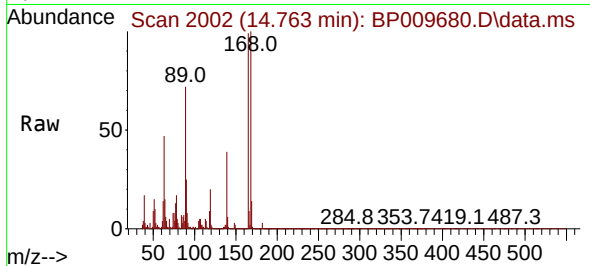




#57
2,4-Dinitrotoluene
Concen: 49.052 ng
RT: 14.763 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

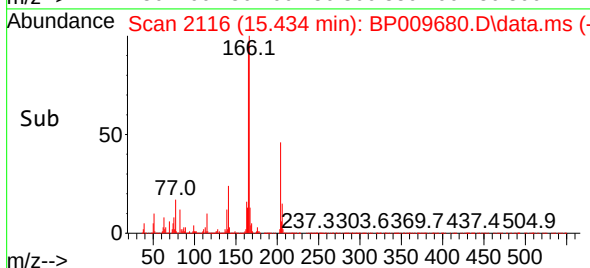
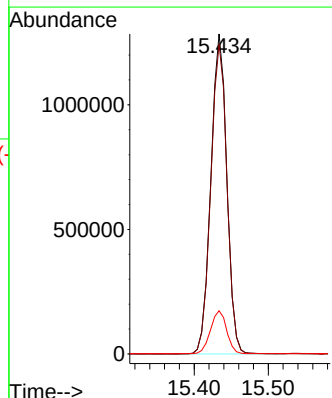
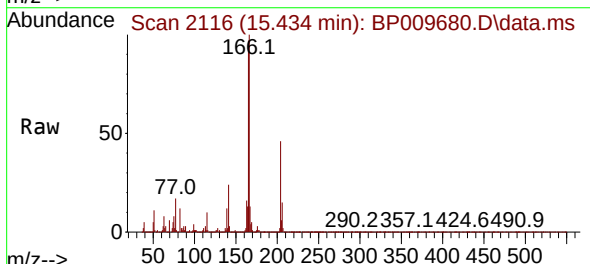
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ClientSampleId :
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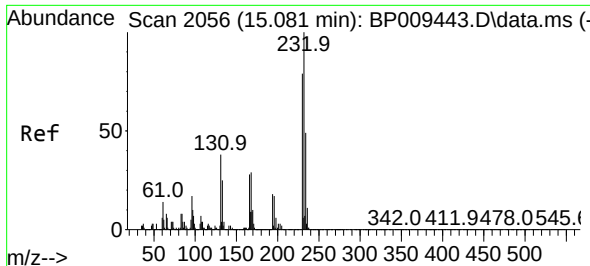
Tgt Ion:165 Resp: 610552
Ion Ratio Lower Upper
165 100
63 46.8 31.4 47.2
89 72.5 55.9 83.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 47.002 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:166 Resp: 1917849
Ion Ratio Lower Upper
166 100
165 96.8 79.2 118.8
167 13.5 10.7 16.1

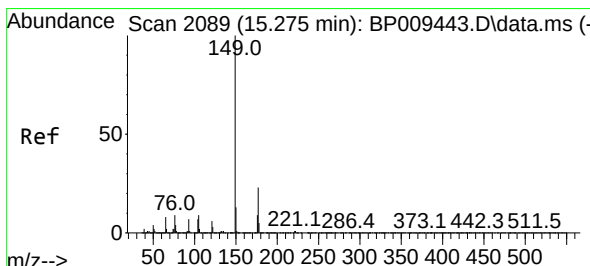
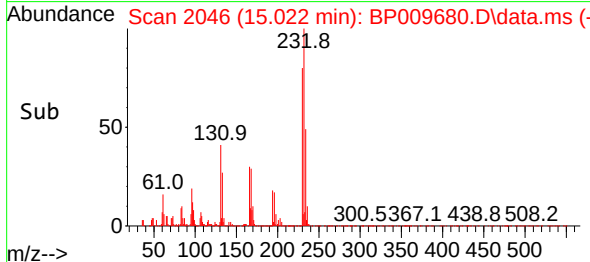
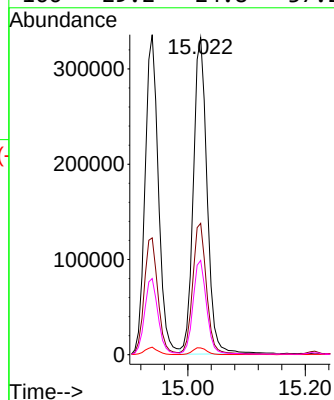
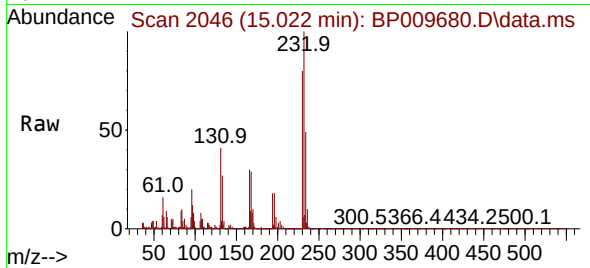




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.631 ng
RT: 15.022 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

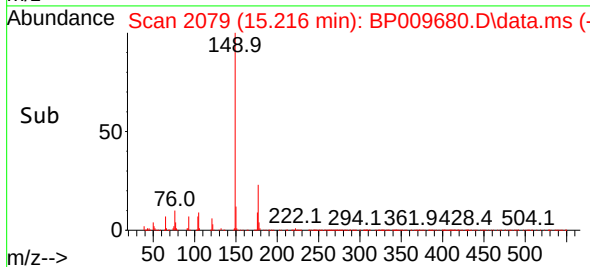
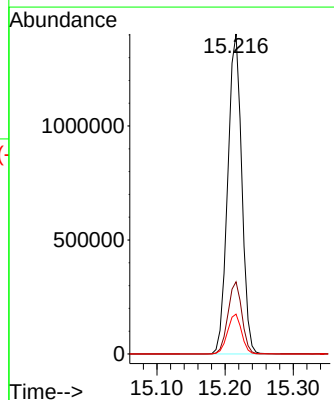
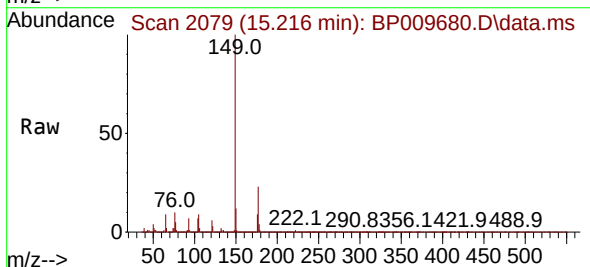
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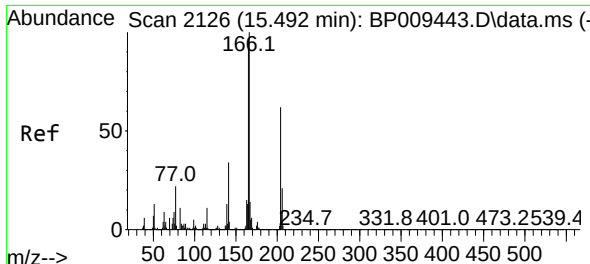
Tgt Ion:232 Resp: 538613
Ion Ratio Lower Upper
232 100
131 41.4 35.5 53.3
130 2.2 1.8 2.8
166 29.2 24.8 37.2



#60
Diethylphthalate
Concen: 46.240 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:149 Resp: 1999484
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.5 9.9 14.9

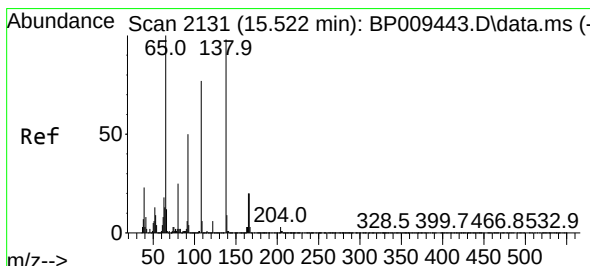
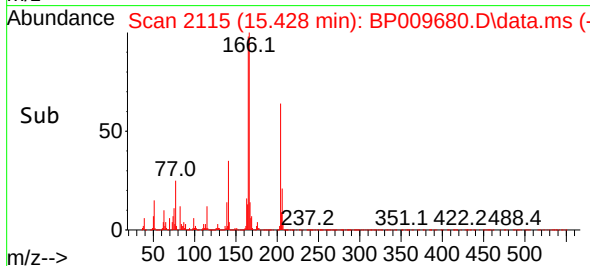
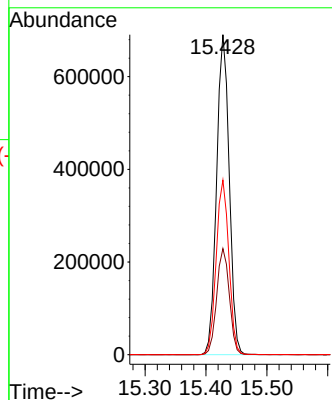
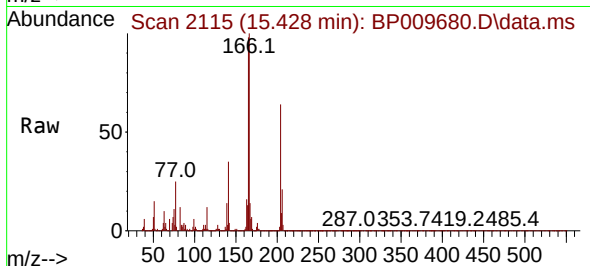




#61
4-Chlorophenyl-phenylether
Concen: 44.102 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

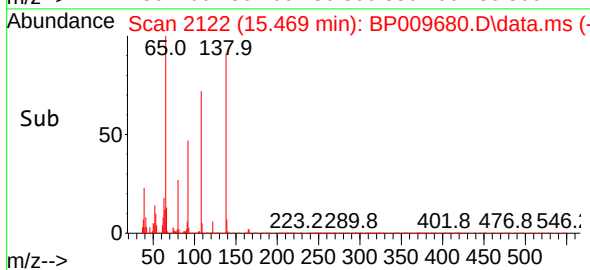
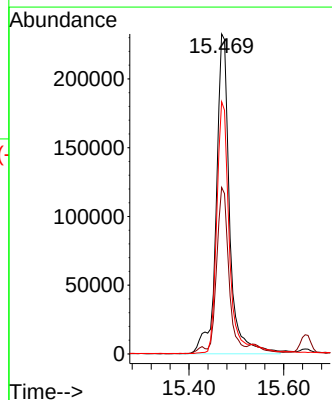
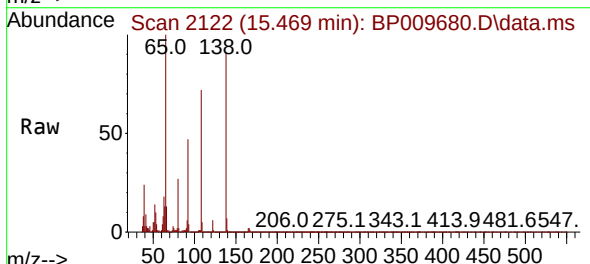
Instrument :
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SOIL-DRUMMSD

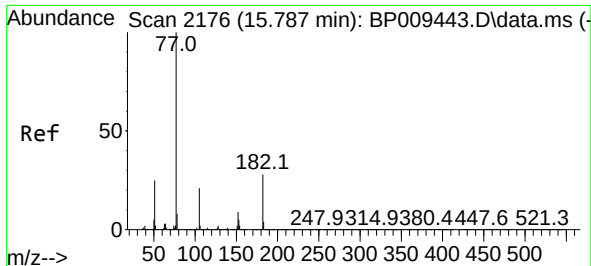
Tgt Ion:204 Resp: 991283
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 54.6 45.9 68.9



#62
4-Nitroaniline
Concen: 45.135 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:138 Resp: 453226
Ion Ratio Lower Upper
138 100
92 52.1 31.2 71.2
108 78.8 54.3 94.3



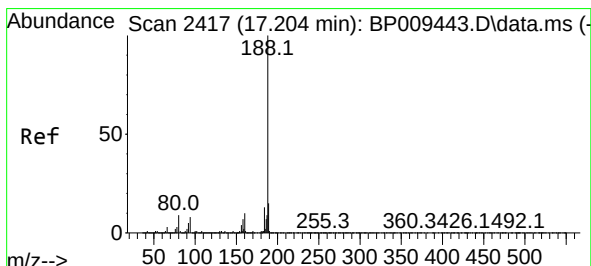
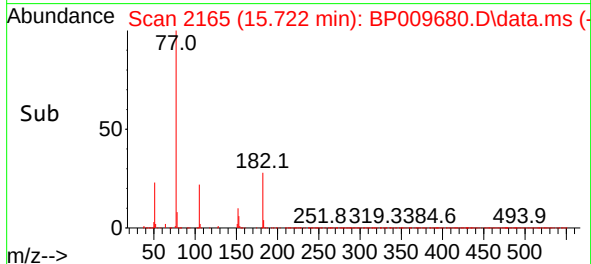
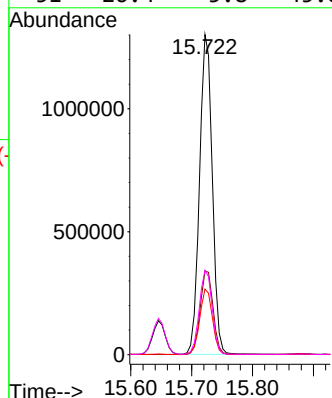
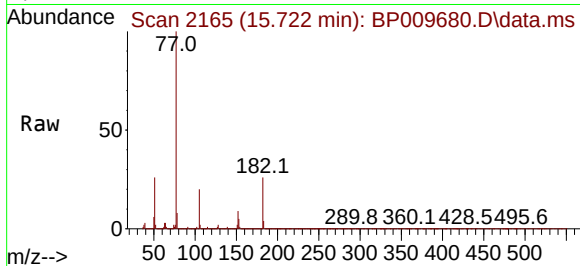


#63
Azobenzene
Concen: 50.325 ng
RT: 15.722 min Scan# 2176
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion: 77 Resp: 1893028

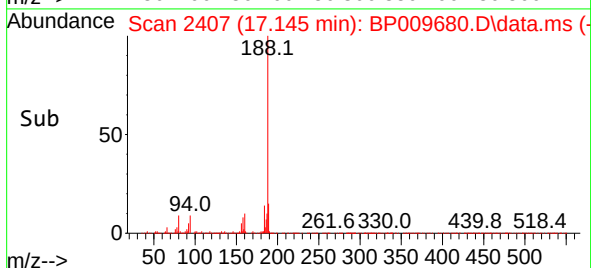
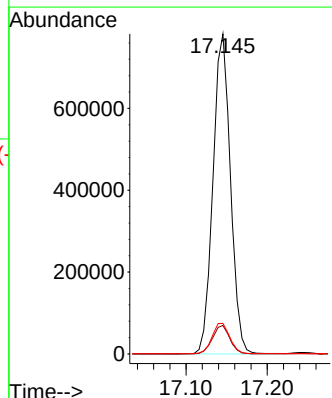
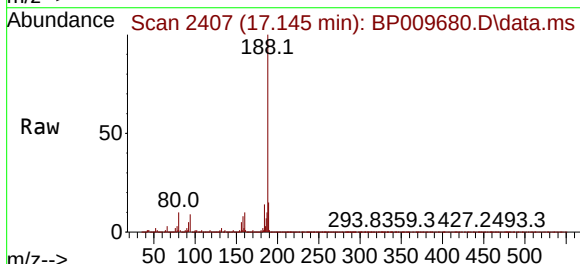
Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.4	45.4
105	20.5	0.3	40.3
51	26.4	5.8	45.8

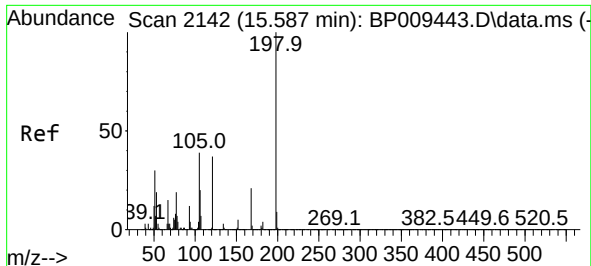


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:188 Resp: 1169424

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.6	8.8	13.2

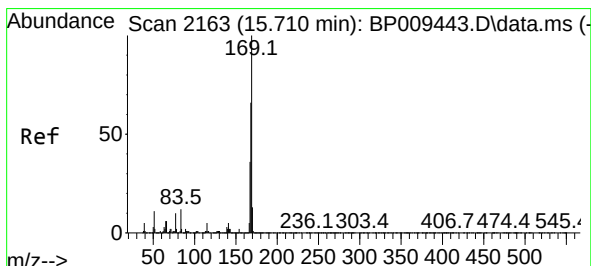
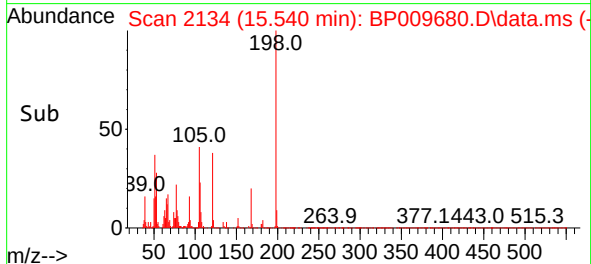
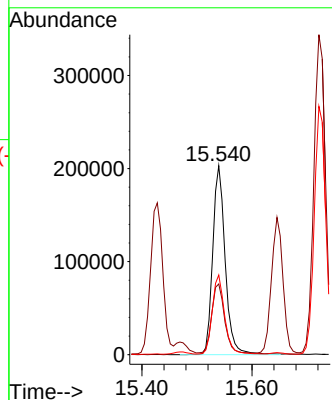
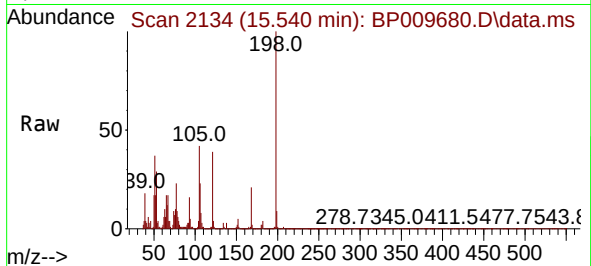




#65
4,6-Dinitro-2-methylphenol
Concen: 42.579 ng
RT: 15.540 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

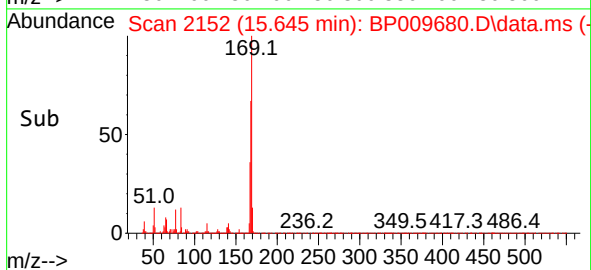
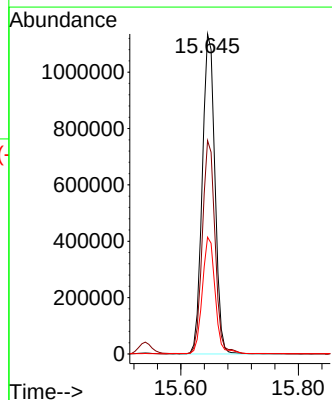
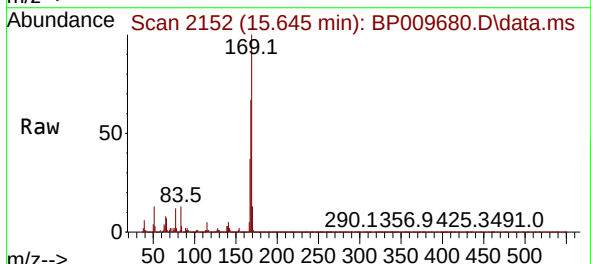
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

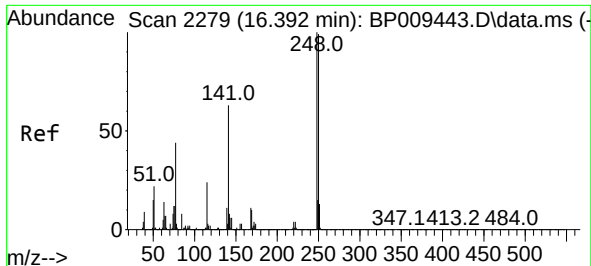
Tgt Ion:198 Resp: 320180
Ion Ratio Lower Upper
198 100
51 37.4 17.7 57.7
105 42.2 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 48.955 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:169 Resp: 1694152
Ion Ratio Lower Upper
169 100
168 66.7 51.6 77.4
167 36.5 29.0 43.4

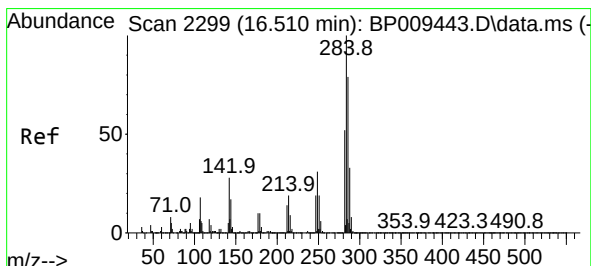
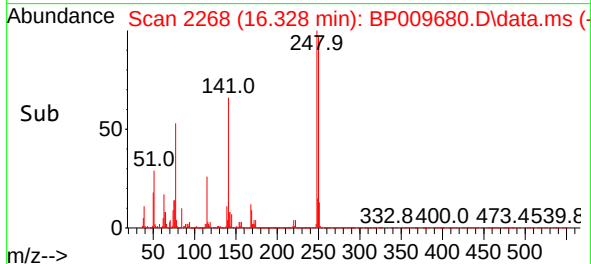
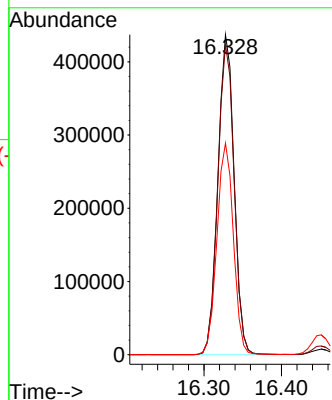
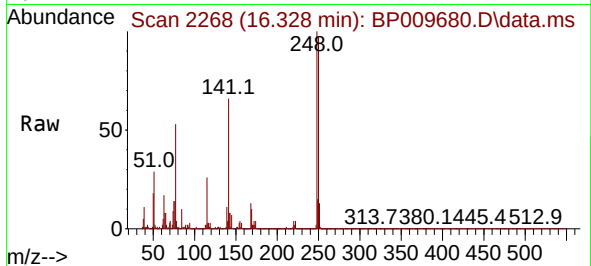




#67
4-Bromophenyl-phenylether
Concen: 44.642 ng
RT: 16.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

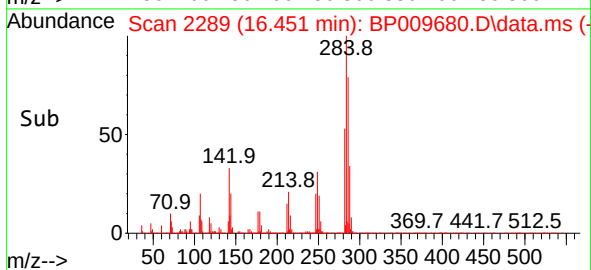
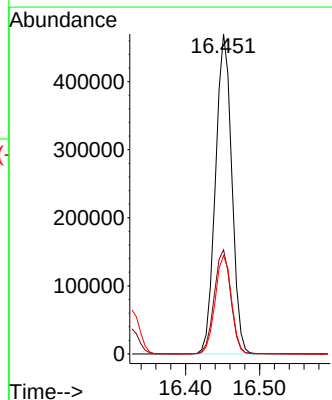
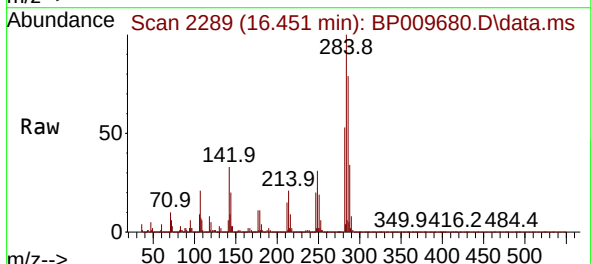
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

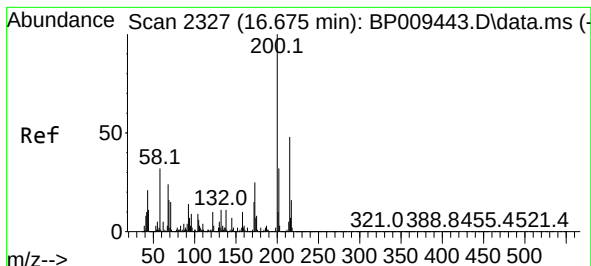
Tgt Ion:248 Resp: 638815
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 66.1 58.3 87.5



#68
Hexachlorobenzene
Concen: 43.502 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:284 Resp: 716435
Ion Ratio Lower Upper
284 100
142 32.5 26.8 40.2
249 30.8 24.6 37.0





#69

Atrazine

Concen: 52.643 ng

RT: 16.616 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

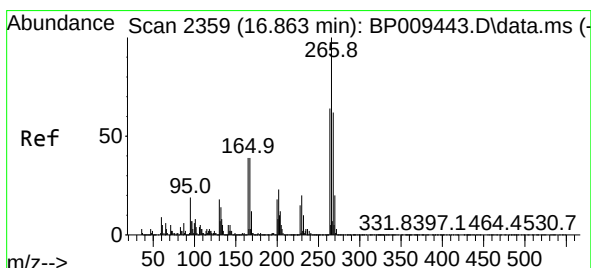
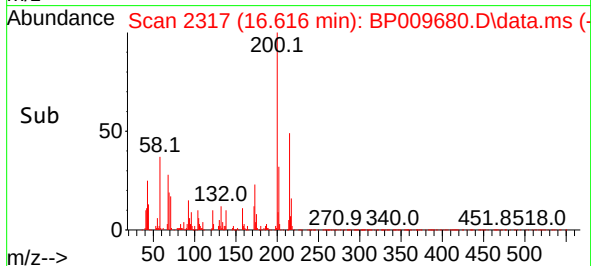
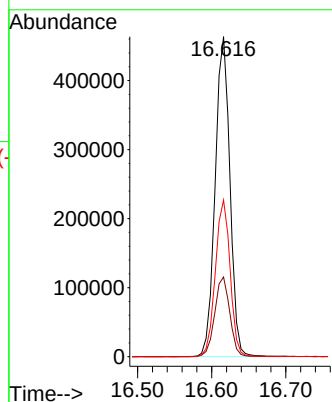
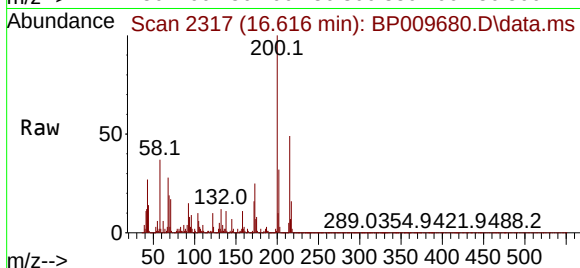
Tgt Ion:200 Resp: 640520

Ion Ratio Lower Upper

200 100

173 24.9 6.2 46.2

215 48.9 28.5 68.5



#70

Pentachlorophenol

Concen: 92.324 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

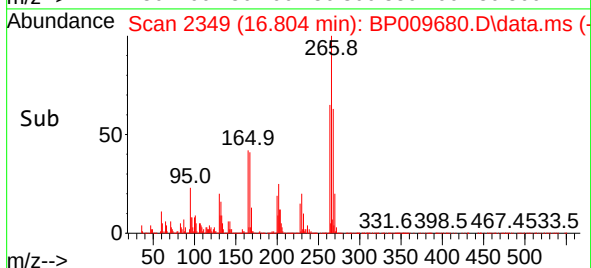
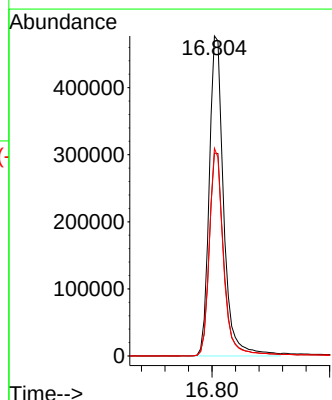
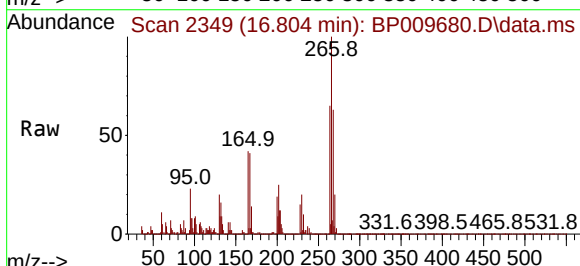
Tgt Ion:266 Resp: 812792

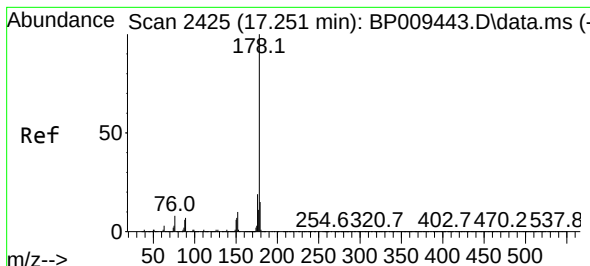
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 64.9 50.9 76.3





#71

Phenanthrene

Concen: 48.569 ng

RT: 17.186 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

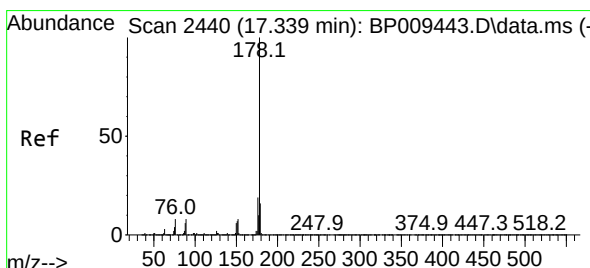
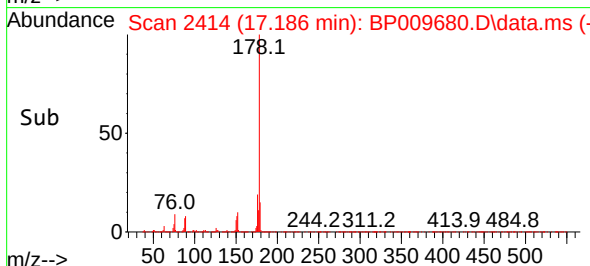
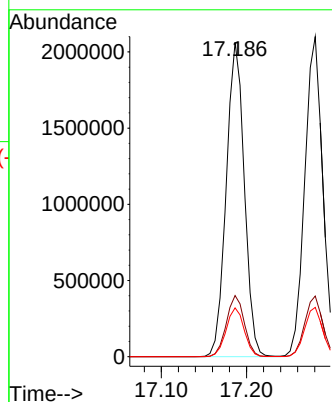
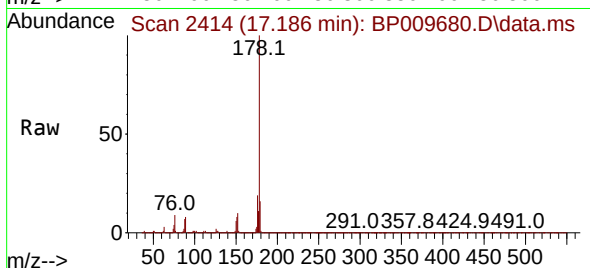
Tgt Ion:178 Resp: 3040379

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 49.911 ng

RT: 17.281 min Scan# 2430

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

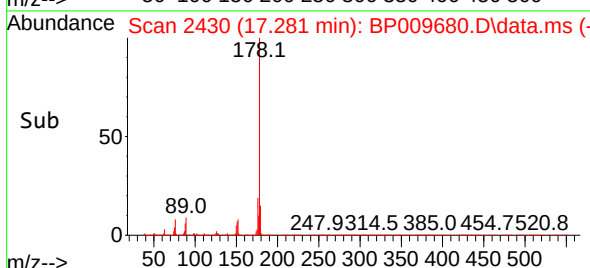
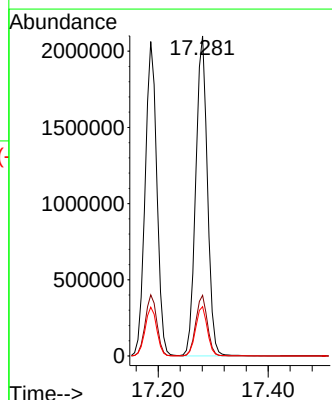
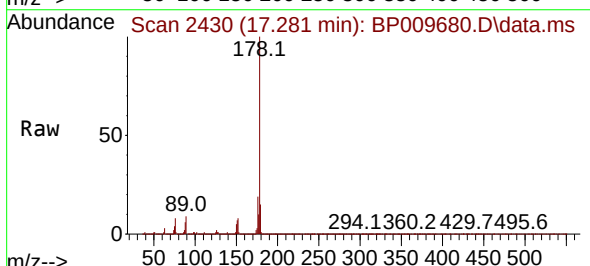
Tgt Ion:178 Resp: 3084824

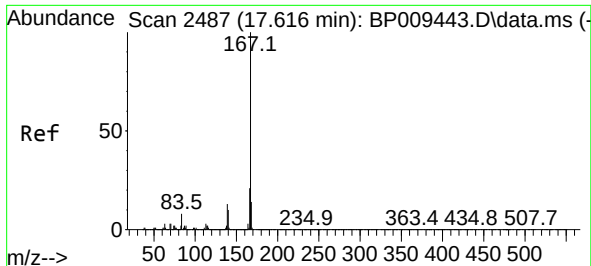
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.4 12.2 18.4



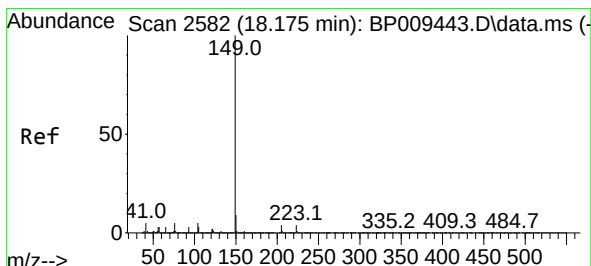
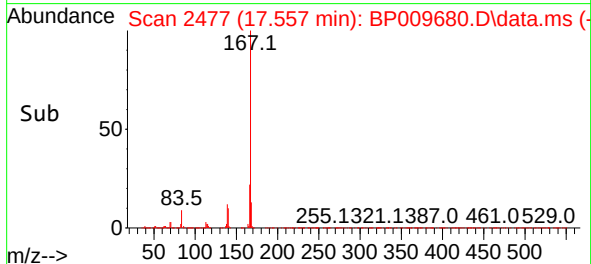
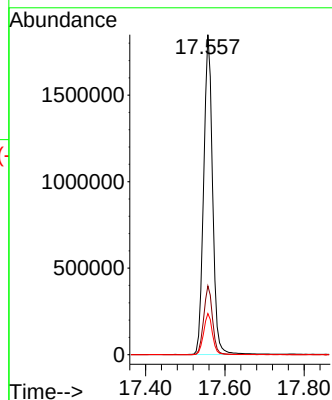
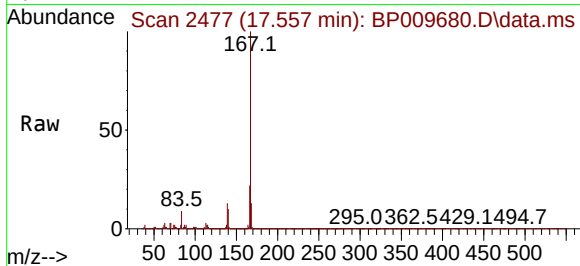


#73
 Carbazole
 Concen: 47.651 ng
 RT: 17.557 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BP009680.D
 Acq: 04 Apr 2022 15:52

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUMMSD

Tgt Ion:167 Resp: 2880274

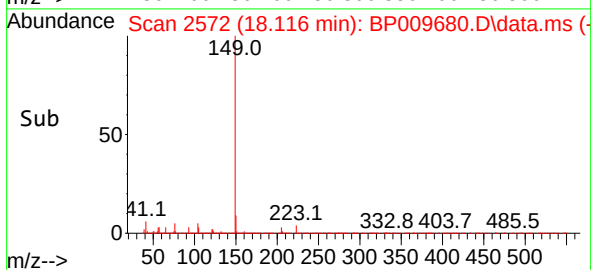
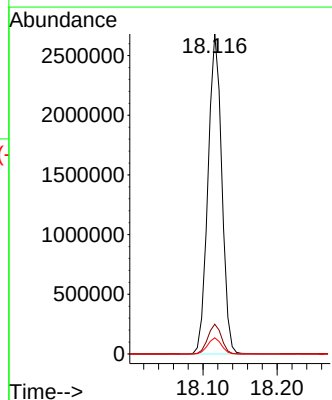
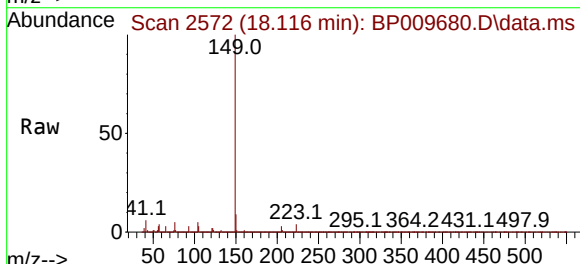
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.8	10.3	15.5

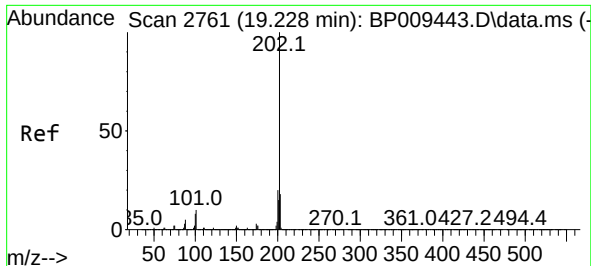


#74
 Di-n-butylphthalate
 Concen: 48.802 ng
 RT: 18.116 min Scan# 2572
 Delta R.T. -0.012 min
 Lab File: BP009680.D
 Acq: 04 Apr 2022 15:52

Tgt Ion:149 Resp: 3456707

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.1	4.2	6.2

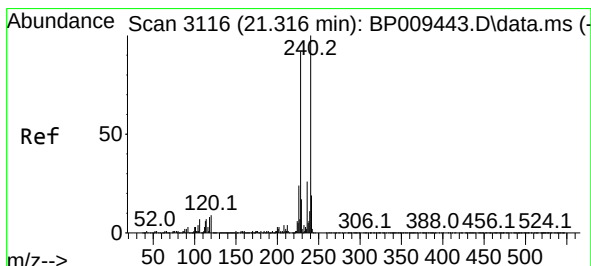
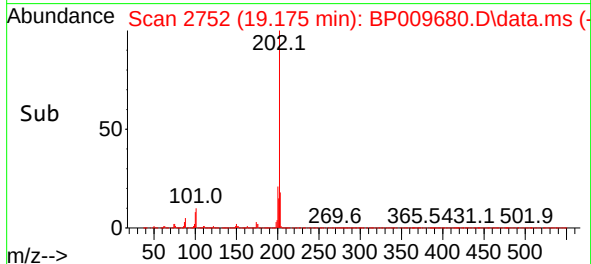
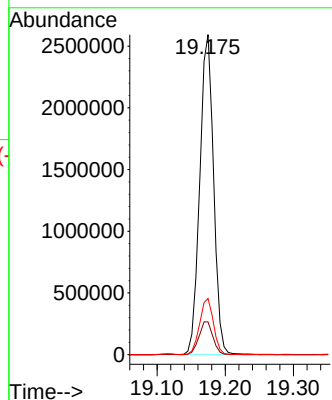
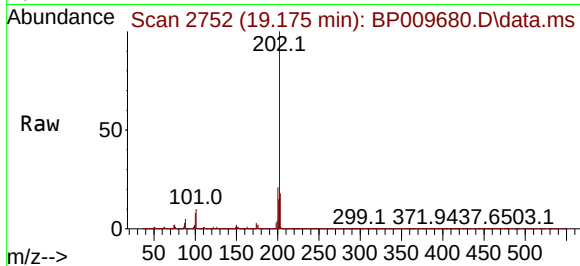




#75
Fluoranthene
Concen: 48.078 ng
RT: 19.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

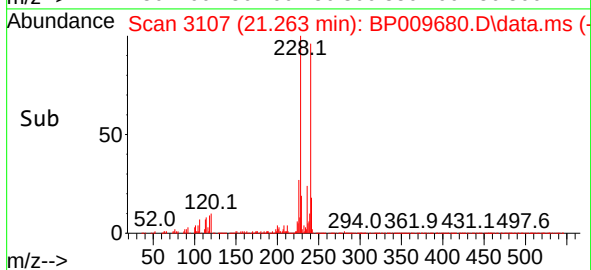
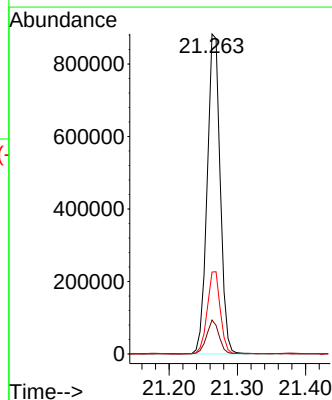
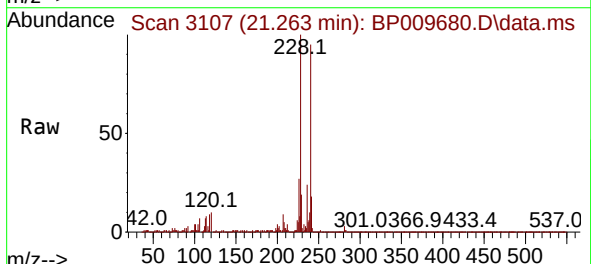
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

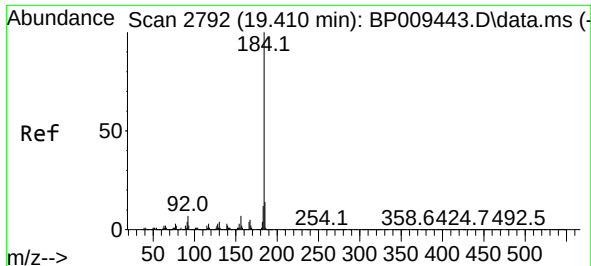
Tgt Ion:202 Resp: 3643620
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:240 Resp: 1172000
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 25.6 20.6 30.8

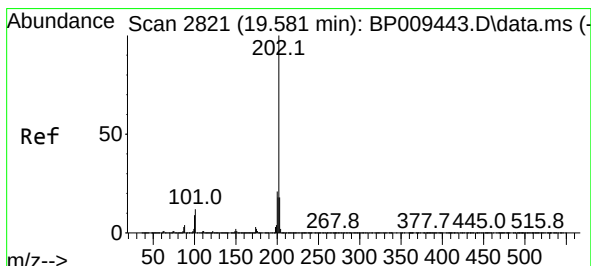
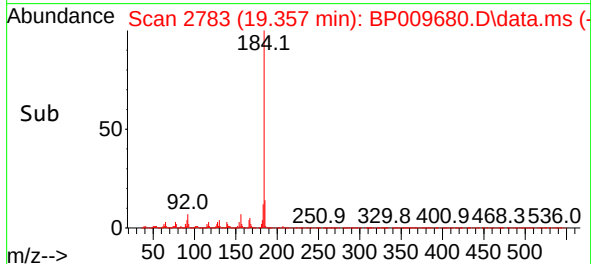
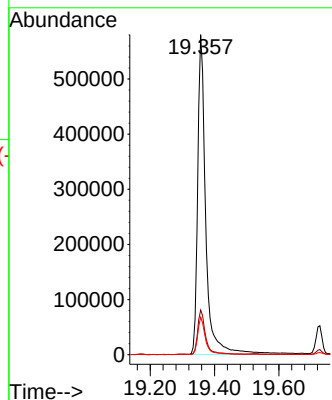
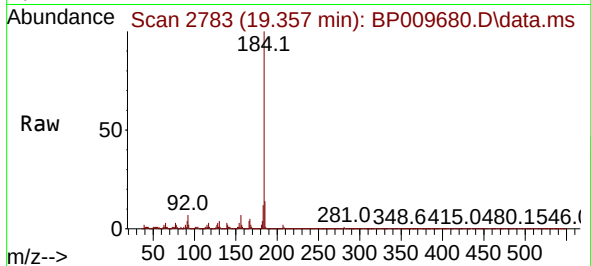




#77
Benzidine
Concen: 35.304 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

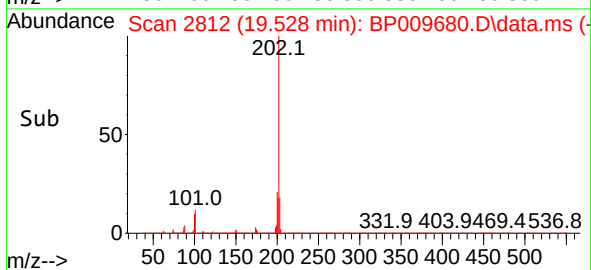
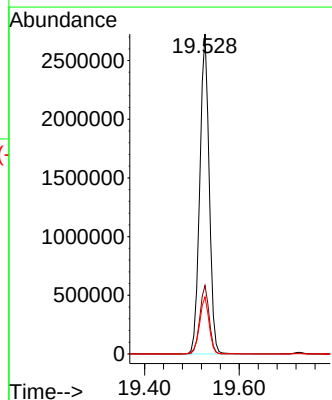
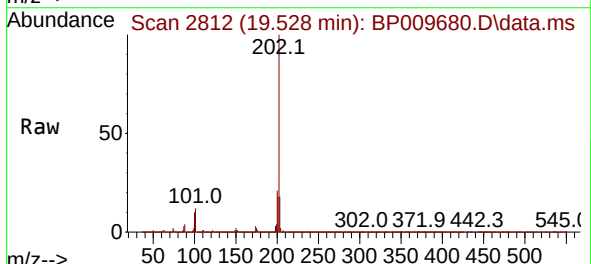
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

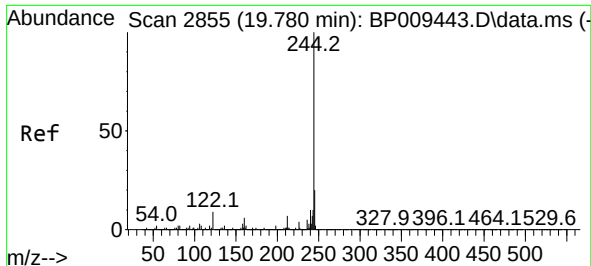
Tgt Ion:184 Resp: 1014189
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.7 9.4 14.0



#78
Pyrene
Concen: 48.550 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:202 Resp: 3749493
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.9 14.2 21.4

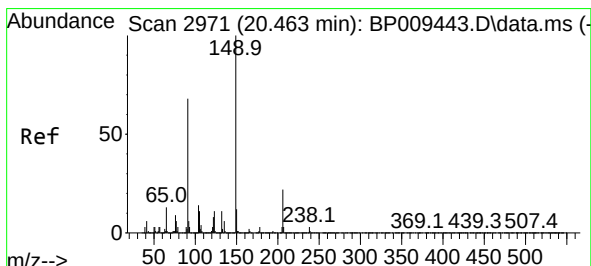
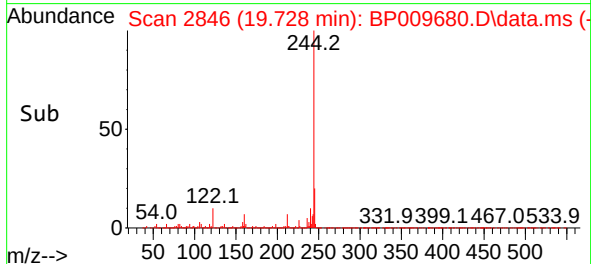
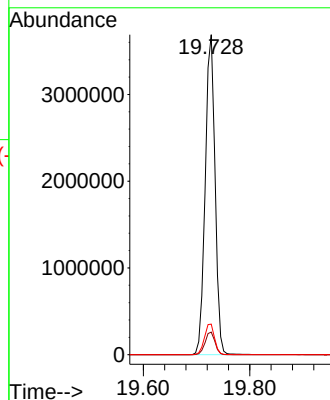
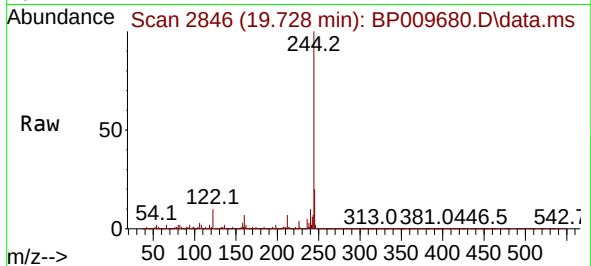




#79
 Terphenyl-d14
 Concen: 72.025 ng
 RT: 19.728 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009680.D
 Acq: 04 Apr 2022 15:52

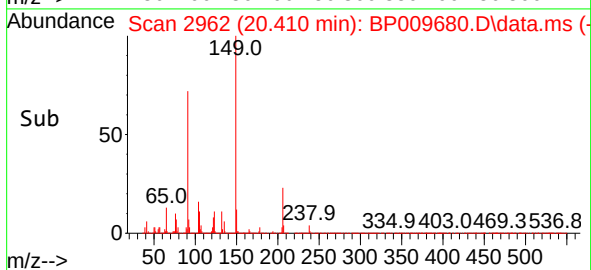
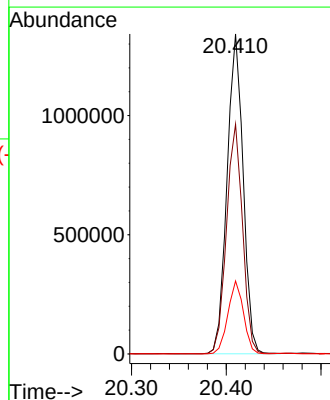
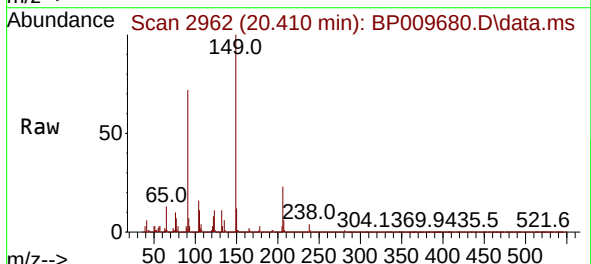
Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUMMSD

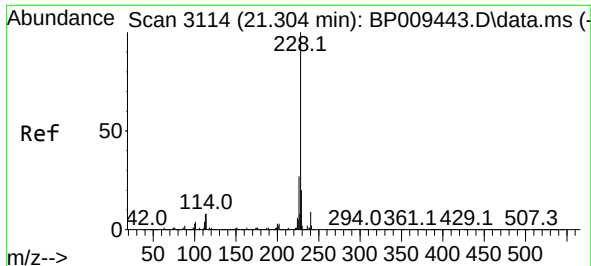
Tgt Ion:244 Resp: 4702959
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 48.208 ng
 RT: 20.410 min Scan# 2962
 Delta R.T. -0.012 min
 Lab File: BP009680.D
 Acq: 04 Apr 2022 15:52

Tgt Ion:149 Resp: 1582444
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.9 86.9
 206 22.8 16.9 25.3

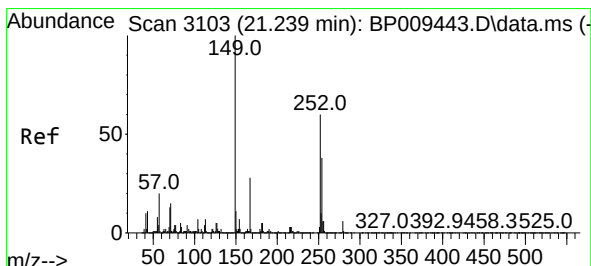
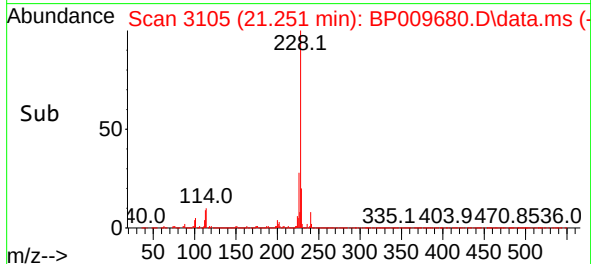
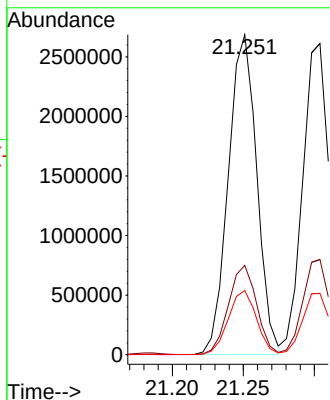
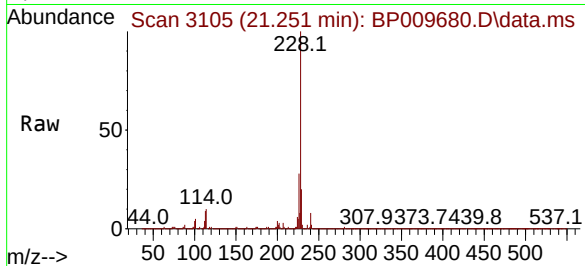




#81
Benzo(a)anthracene
Concen: 48.640 ng
RT: 21.251 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

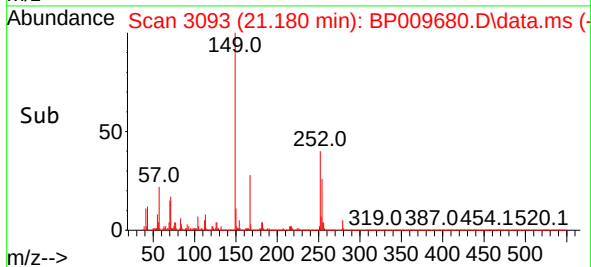
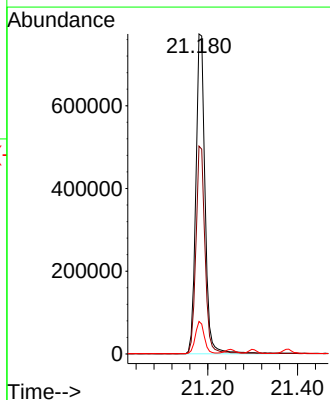
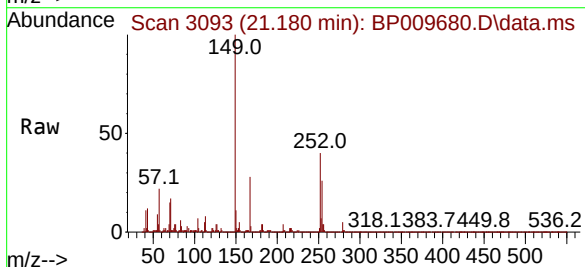
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

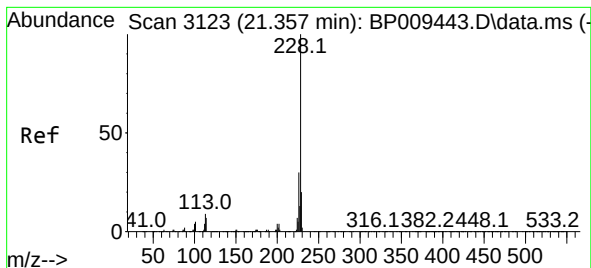
Tgt Ion:228 Resp: 3745294
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 36.892 ng
RT: 21.180 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:252 Resp: 1097379
Ion Ratio Lower Upper
252 100
254 65.0 50.7 76.1
126 10.1 8.9 13.3





#83

Chrysene

Concen: 47.291 ng

RT: 21.304 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

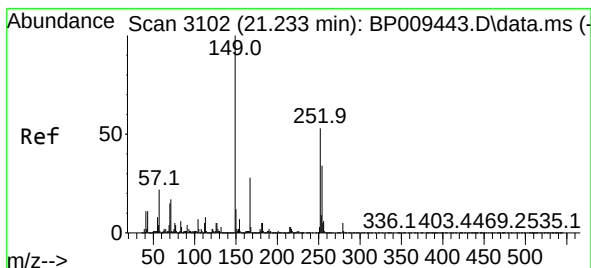
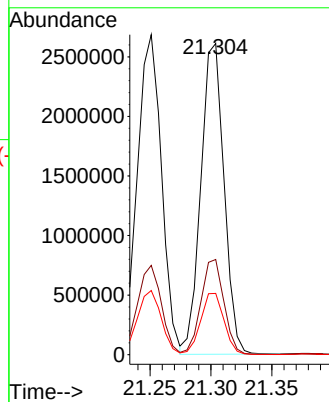
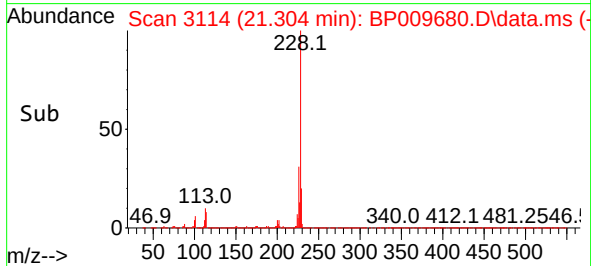
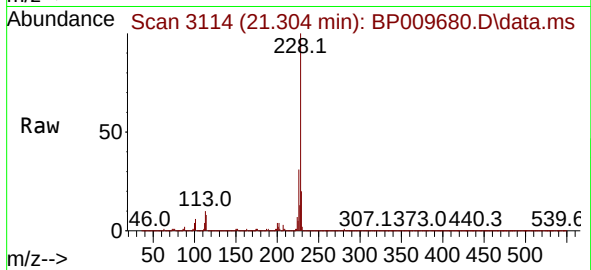
Tgt Ion:228 Resp: 3448055

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.630 ng

RT: 21.180 min Scan# 3093

Delta R.T. -0.012 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

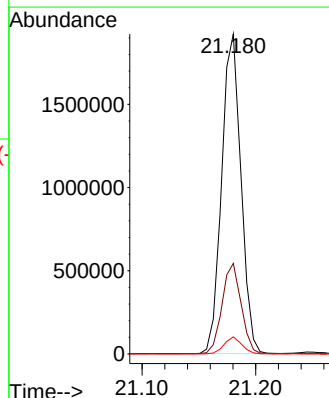
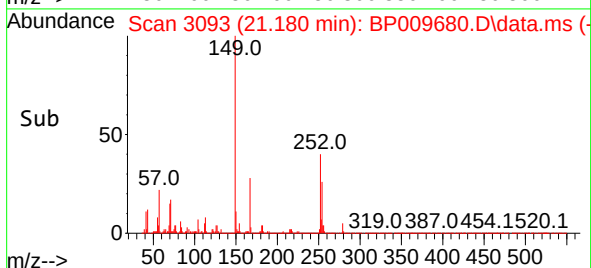
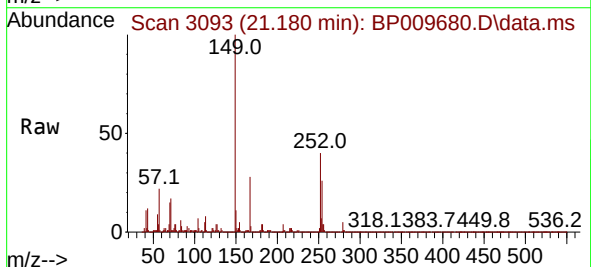
Tgt Ion:149 Resp: 2270804

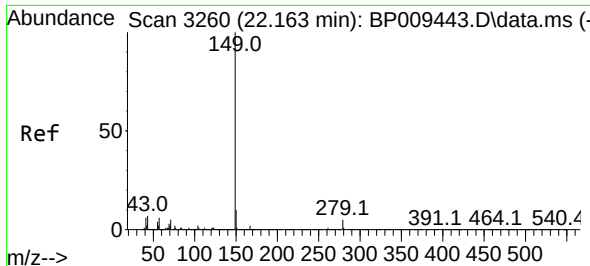
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 5.4 3.8 5.6

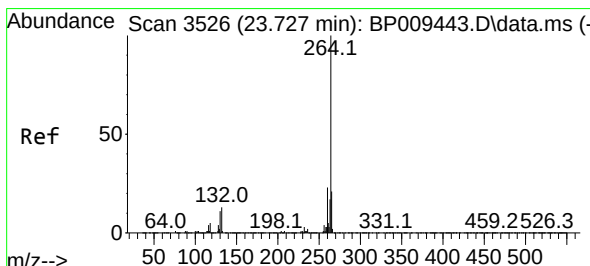
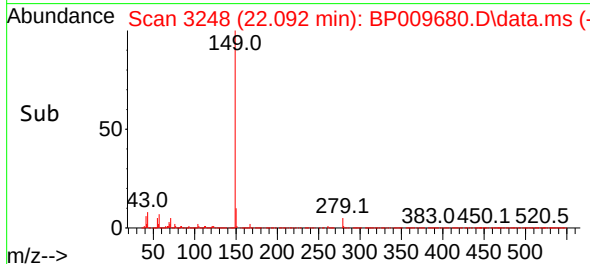
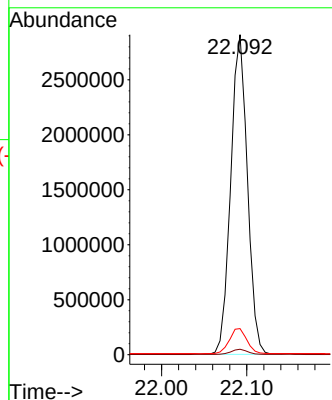
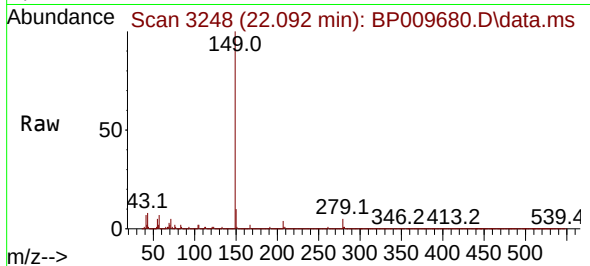




#85
Di-n-octyl phthalate
Concen: 50.120 ng
RT: 22.092 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

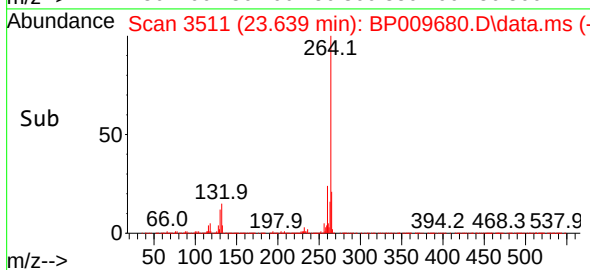
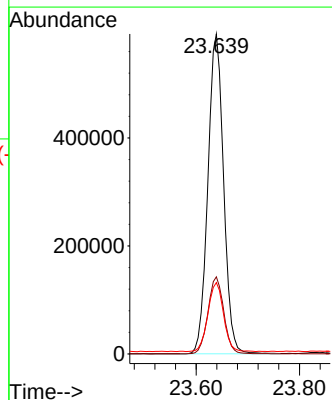
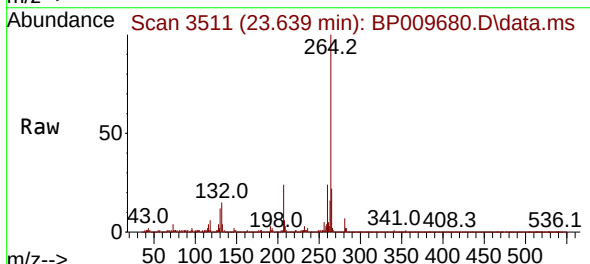
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

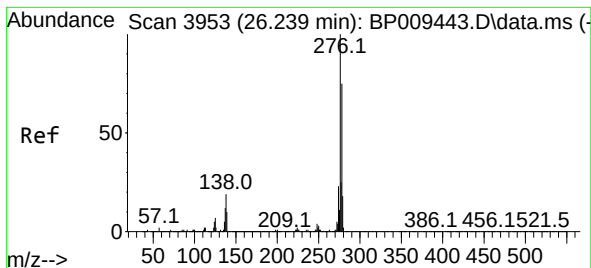
Tgt Ion:149 Resp: 3952762
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:264 Resp: 1248925
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.313 ng

RT: 26.121 min Scan# 3389

Delta R.T. -0.018 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMSD

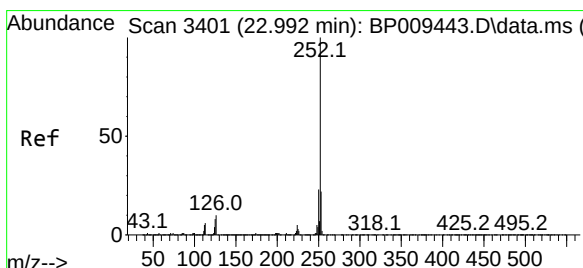
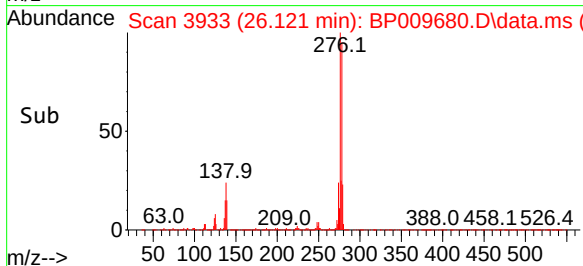
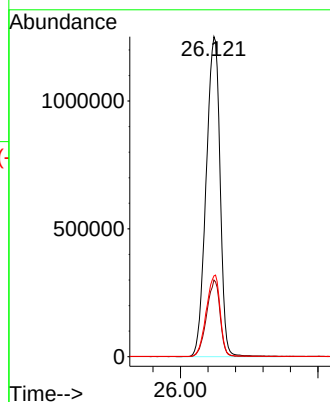
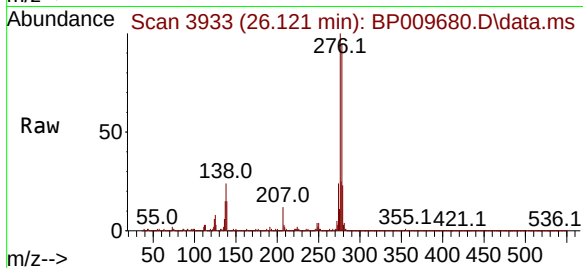
Tgt Ion:276 Resp: 4388314

Ion Ratio Lower Upper

276 100

138 23.0 20.5 30.7

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.827 ng

RT: 22.921 min Scan# 3389

Delta R.T. -0.006 min

Lab File: BP009680.D

Acq: 04 Apr 2022 15:52

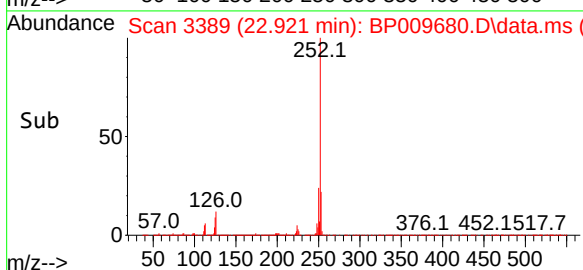
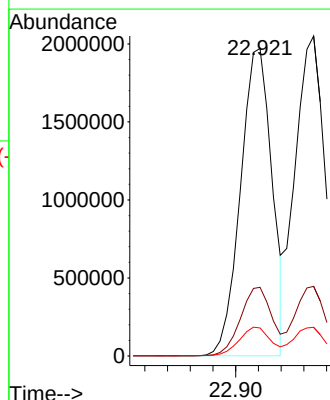
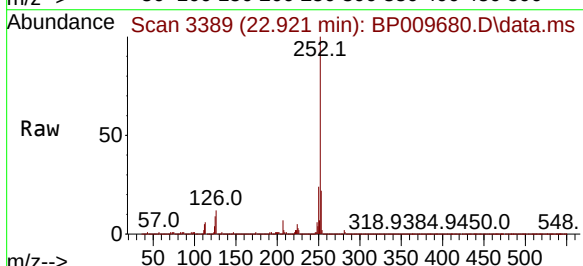
Tgt Ion:252 Resp: 3789512

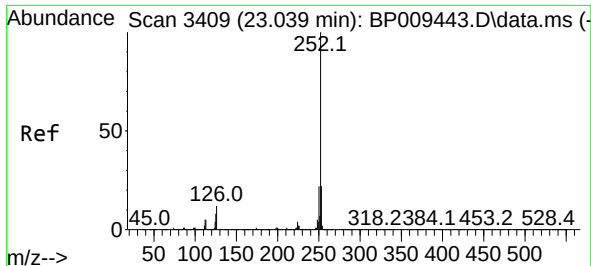
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.1 8.1 12.1

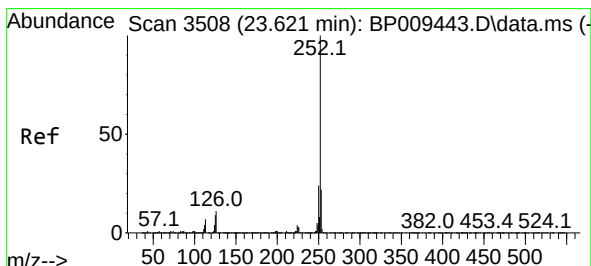
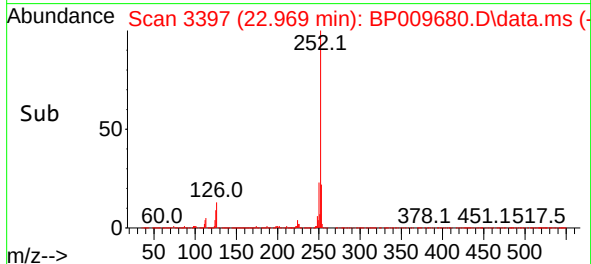
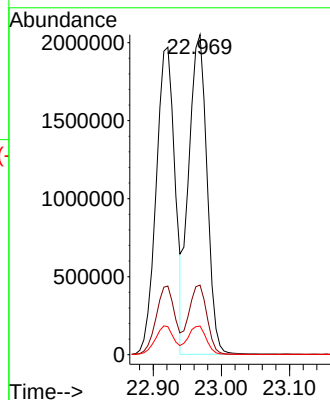
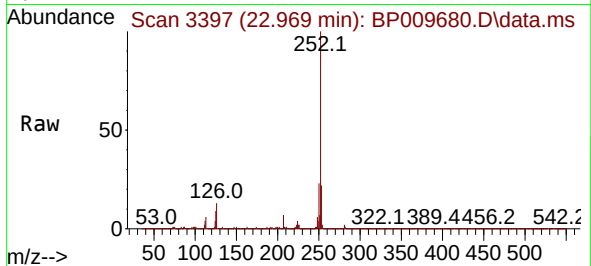




#89
Benzo(k)fluoranthene
Concen: 51.907 ng
RT: 22.969 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

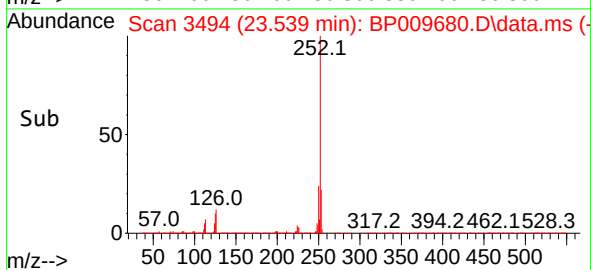
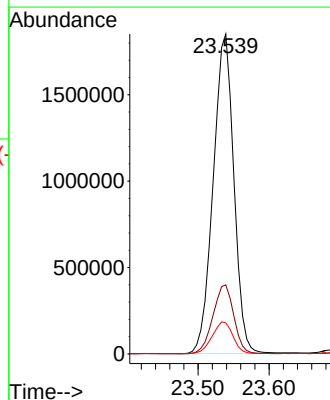
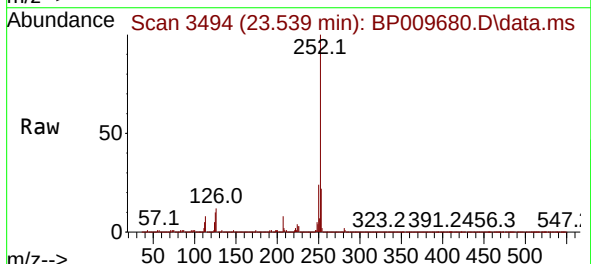
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

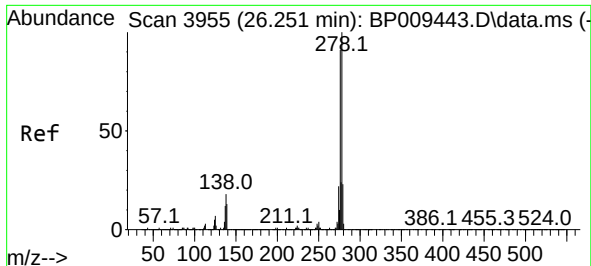
Tgt Ion:252 Resp: 3789182
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 58.487 ng
RT: 23.539 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:252 Resp: 3730892
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.7 9.3 13.9

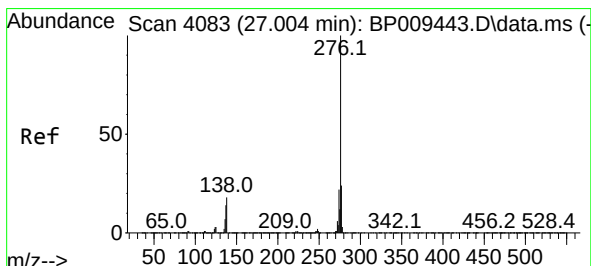
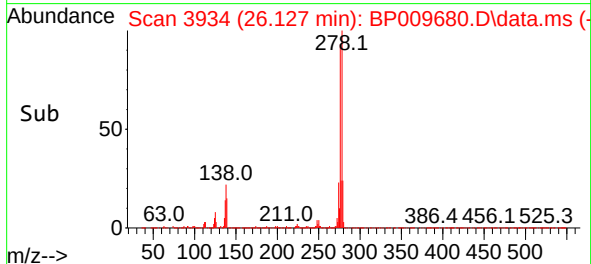
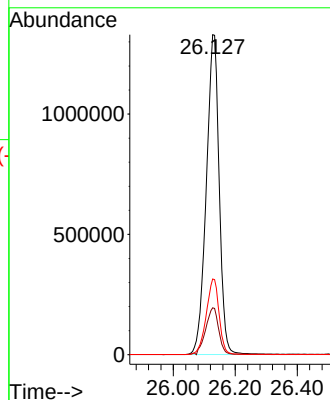
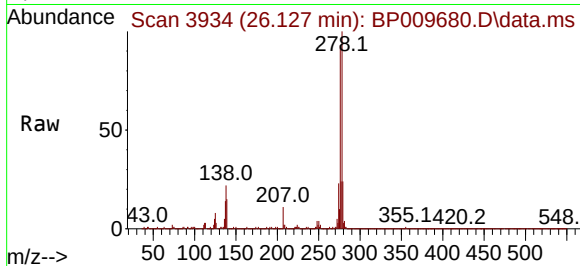




#91
Dibenzo(a,h)anthracene
Concen: 48.694 ng
RT: 26.127 min Scan# 3955
Delta R.T. -0.023 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

Tgt Ion:278 Resp: 3845321
Ion Ratio Lower Upper
278 100
139 14.6 13.2 19.8
279 23.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.814 ng
RT: 26.880 min Scan# 4062
Delta R.T. -0.018 min
Lab File: BP009680.D
Acq: 04 Apr 2022 15:52

Tgt Ion:276 Resp: 3792227
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 19.6 18.0 27.0

