

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012671.D
 Acq On : 18 Nov 2022 13:33
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Quant Time: Nov 21 03:36:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 03:25:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	237598	20.000	ng	0.00
21) Naphthalene-d8	10.863	136	1015475	20.000	ng	0.00
39) Acenaphthene-d10	14.681	164	686111	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	1523787	20.000	ng	0.00
76) Chrysene-d12	21.516	240	1574760	20.000	ng	0.00
86) Perylene-d12	24.045	264	1547321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1295669	98.553	ng	0.00
7) Phenol-d6	7.187	99	1807305	98.707	ng	0.00
23) Nitrobenzene-d5	9.210	82	1386987	85.877	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	823075	104.826	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	3785942	83.027	ng	0.00
79) Terphenyl-d14	19.980	244	6245988	85.697	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	36494	6.912	ng	96
3) Pyridine	3.858	79	97402	5.844	ng	96
4) n-Nitrosodimethylamine	3.764	42	45531	6.397	ng	# 75
6) Aniline	7.363	93	160270	6.948	ng	99
8) 2-Chlorophenol	7.599	128	115064	7.088	ng	97
9) Benzaldehyde	7.175	77	106096	9.936	ng	94
10) Phenol	7.210	94	141026	6.837	ng	95
11) bis(2-Chloroethyl)ether	7.458	93	119748	7.288	ng	97
12) 1,3-Dichlorobenzene	7.934	146	136552	7.579	ng	98
13) 1,4-Dichlorobenzene	8.081	146	140241	7.634	ng	99
14) 1,2-Dichlorobenzene	8.399	146	135357	7.678	ng	97
15) Benzyl Alcohol	8.275	79	81414	5.968	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.581	45	174907	7.544	ng	99
17) 2-Methylphenol	8.475	107	91628	6.406	ng	96
18) Hexachloroethane	9.140	117	48487	7.898	ng	96
19) n-Nitroso-di-n-propyla...	8.852	70	79367	6.377	ng	96
20) 3+4-Methylphenols	8.805	107	121727	6.075	ng	98
22) Acetophenone	8.869	105	199078	7.854	ng	# 98
24) Nitrobenzene	9.252	77	135518	7.770	ng	100
25) Isophorone	9.775	82	264184	7.272	ng	99
26) 2-Nitrophenol	9.969	139	40303	5.329	ng	98
27) 2,4-Dimethylphenol	10.022	122	102080	7.153	ng	99
28) bis(2-Chloroethoxy)met...	10.263	93	166302	8.048	ng	99
29) 2,4-Dichlorophenol	10.499	162	106742	6.435	ng	99
30) 1,2,4-Trichlorobenzene	10.722	180	131850	7.405	ng	99
31) Naphthalene	10.916	128	410027	7.345	ng	99
32) Benzoic acid	10.063	122	23923	2.141	ng	97
33) 4-Chloroaniline	11.016	127	152127	6.541	ng	98
34) Hexachlorobutadiene	11.204	225	80818	7.683	ng	97
35) Caprolactam	11.763	113	28233	5.227	ng	96
36) 4-Chloro-3-methylphenol	12.122	107	111933	6.286	ng	99
37) 2-Methylnaphthalene	12.516	142	292603	7.329	ng	98
38) 1-Methylnaphthalene	12.734	142	278926	7.110	ng	99
40) 1,2,4,5-Tetrachloroben...	12.875	216	157130	7.852	ng	99
41) Hexachlorocyclopentadiene	12.863	237	63721	8.372	ng	97
43) 2,4,6-Trichlorophenol	13.110	196	87285	6.127	ng	94

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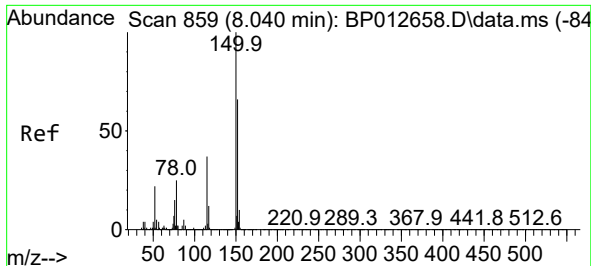
Quant Time: Nov 21 03:36:31 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 03:25:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	100340	6.366	ng	99
46) 1,1'-Biphenyl	13.516	154	408340	7.959	ng	99
47) 2-Chloronaphthalene	13.557	162	307192	7.540	ng	99
48) 2-Nitroaniline	13.751	65	37718	4.626	ng	96
49) Acenaphthylene	14.398	152	479594	7.213	ng	100
50) Dimethylphthalate	14.134	163	367947	6.808	ng	100
51) 2,6-Dinitrotoluene	14.245	165	52938	5.586	ng	89
52) Acenaphthene	14.740	154	301130	7.096	ng	98
53) 3-Nitroaniline	14.569	138	51993	4.791	ng	96
54) 2,4-Dinitrophenol	14.775	184	17704	3.364	ng	91
55) Dibenzofuran	15.075	168	486541	7.595	ng	98
56) 4-Nitrophenol	14.863	139	48870	4.811	ng	94
57) 2,4-Dinitrotoluene	15.028	165	61987	4.917	ng	92
58) Fluorene	15.728	166	389800	7.731	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.292	232	88422	6.231	ng	99
60) Diethylphthalate	15.498	149	342784	6.448	ng	99
61) 4-Chlorophenyl-phenyle...	15.722	204	191608	7.906	ng	96
62) 4-Nitroaniline	15.734	138	47339	4.459	ng	91
63) Azobenzene	16.016	77	356259	7.335	ng	98
65) 4,6-Dinitro-2-methylph...	15.792	198	26280	3.512	ng	97
66) n-Nitrosodiphenylamine	15.934	169	308535	6.794	ng	98
67) 4-Bromophenyl-phenylether	16.622	248	106437	6.680	ng	95
68) Hexachlorobenzene	16.734	284	137528	7.443	ng	99
69) Atrazine	16.886	200	76515	6.395	ng	97
70) Pentachlorophenol	17.075	266	69811	5.821	ng	98
71) Phenanthrene	17.475	178	636762	7.367	ng	99
72) Anthracene	17.569	178	621250	7.450	ng	98
73) Carbazole	17.828	167	568747	7.181	ng	99
74) Di-n-butylphthalate	18.386	149	430377	5.212	ng	# 98
75) Fluoranthene	19.433	202	723607	7.067	ng	99
77) Benzidine	19.604	184	106414	4.916	ng	98
78) Pyrene	19.780	202	748170	6.723	ng	99
80) Butylbenzylphthalate	20.657	149	74357	3.702	ng	100
81) Benzo(a)anthracene	21.498	228	752467	6.816	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	104841	3.773	ng	99
83) Chrysene	21.557	228	734347	7.015	ng	97
84) Bis(2-ethylhexyl)phtha...	21.427	149	126738	3.482	ng	99
85) Di-n-octyl phthalate	22.404	149	217142	2.820	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.698	276	704338	6.253	ng	99
88) Benzo(b)fluoranthene	23.268	252	685336	6.690	ng	99
89) Benzo(k)fluoranthene	23.321	252	758805	7.455	ng	99
90) Benzo(a)pyrene	23.927	252	579163	6.813	ng	98
91) Dibenzo(a,h)anthracene	26.727	278	629841	6.762	ng	99
92) Benzo(g,h,i)perylene	27.515	276	596328	6.591	ng	98

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

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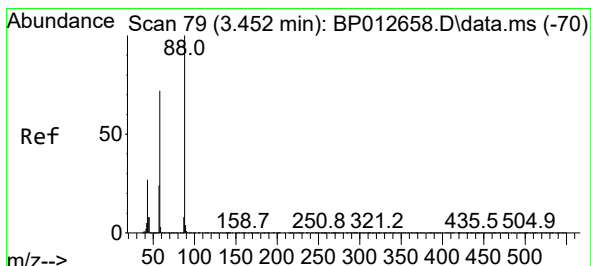
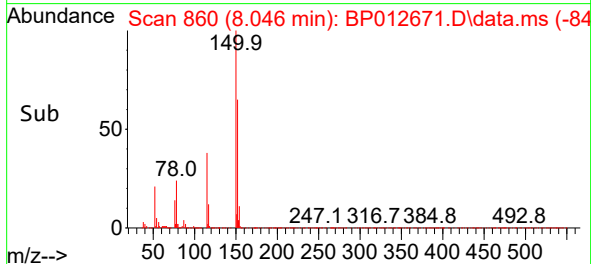
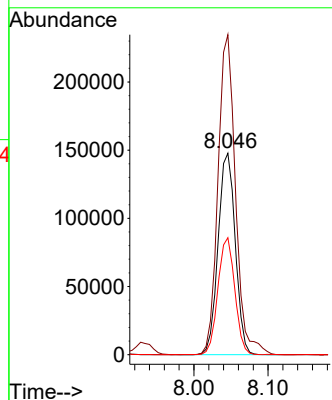
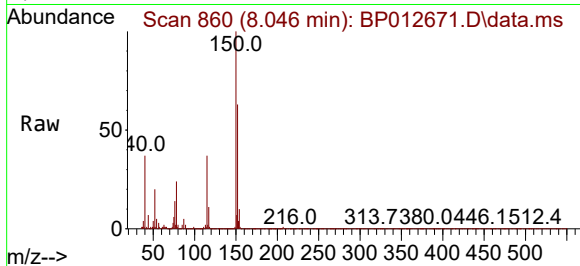
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.046 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

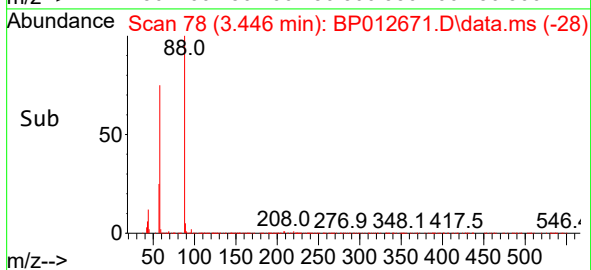
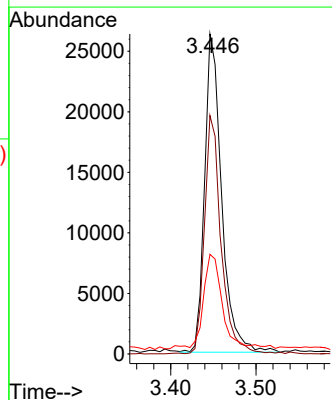
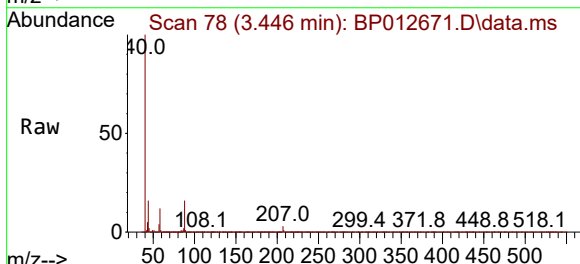
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ClientSampleId :
LOQ-SOIL-02-QT4-2022

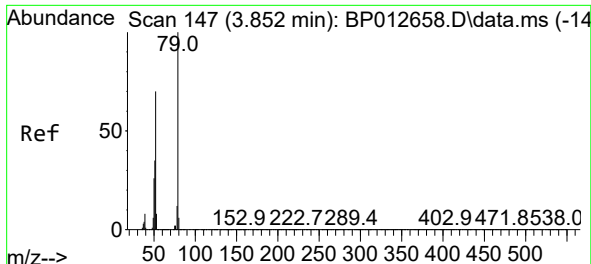
Tgt Ion:152 Resp: 237598
Ion Ratio Lower Upper
152 100
150 158.8 121.8 182.8
115 58.1 45.4 68.2



#2
1,4-Dioxane
Concen: 6.912 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 88 Resp: 36494
Ion Ratio Lower Upper
88 100
58 72.9 59.3 88.9
43 34.0 23.0 34.4

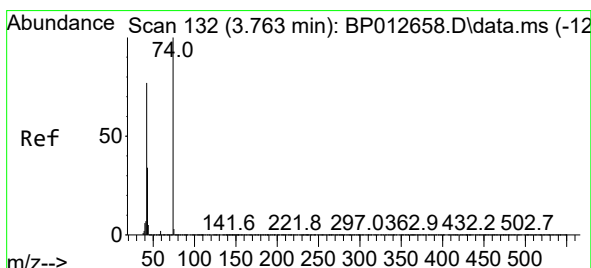
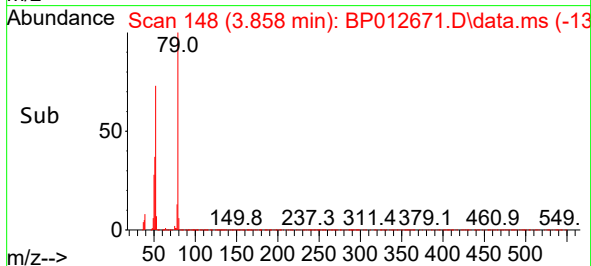
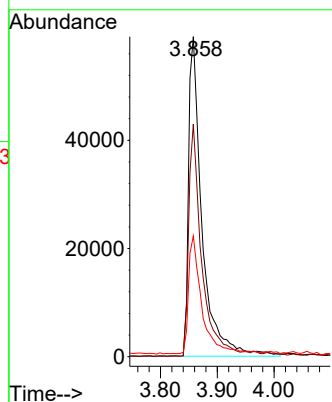
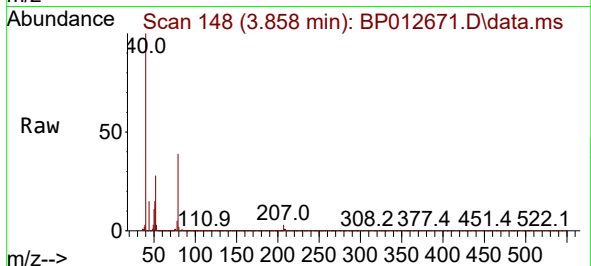




#3
Pyridine
Concen: 5.844 ng
RT: 3.858 min Scan# 147
Delta R.T. 0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

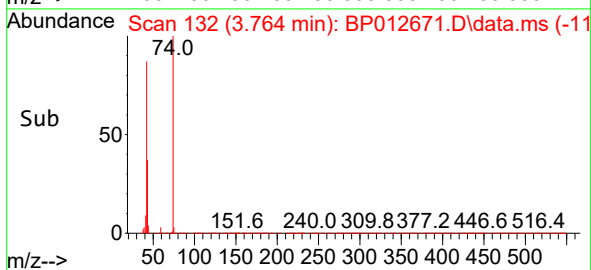
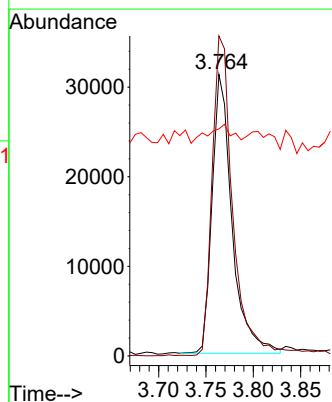
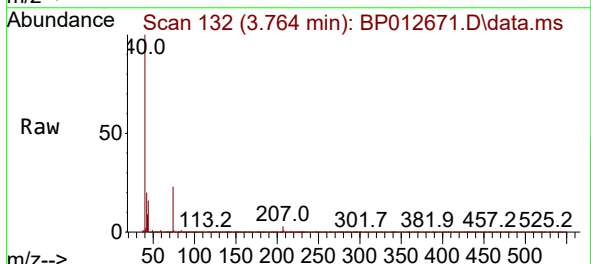
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

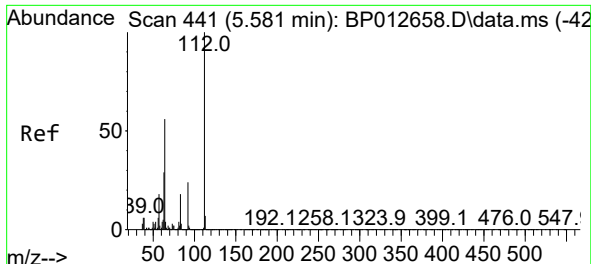
Tgt Ion: 79 Resp: 97402
Ion Ratio Lower Upper
79 100
52 72.7 56.1 84.1
51 37.7 28.1 42.1



#4
n-Nitrosodimethylamine
Concen: 6.397 ng
RT: 3.764 min Scan# 132
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 42 Resp: 45531
Ion Ratio Lower Upper
42 100
74 113.6 103.5 155.3
44 80.6 6.4 9.6

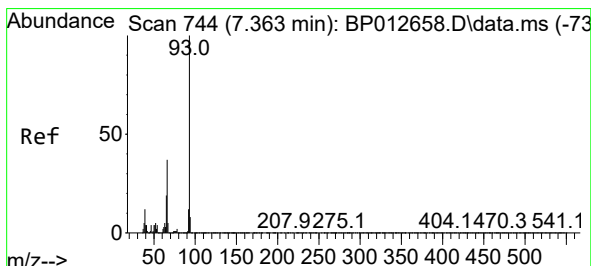
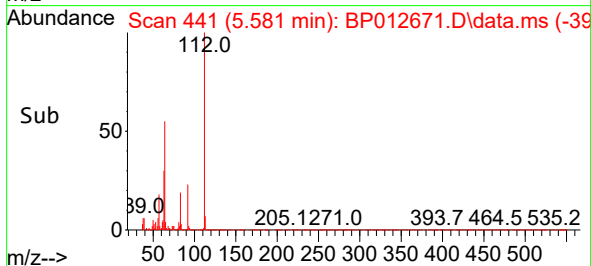
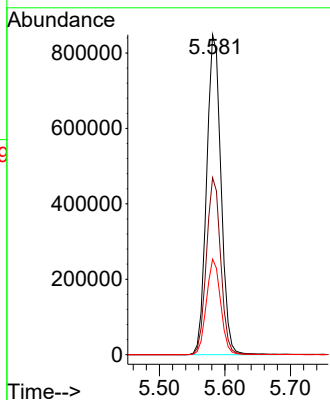
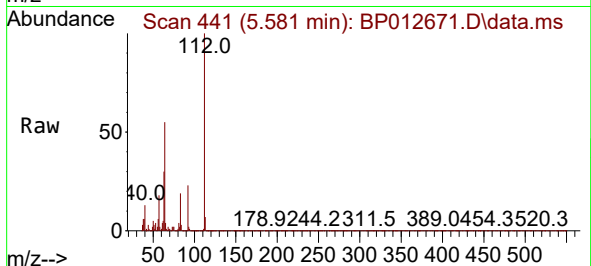




#5
2-Fluorophenol
Concen: 98.553 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

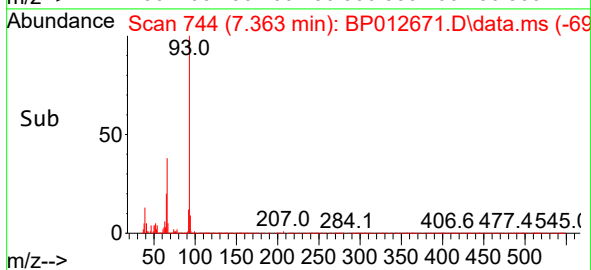
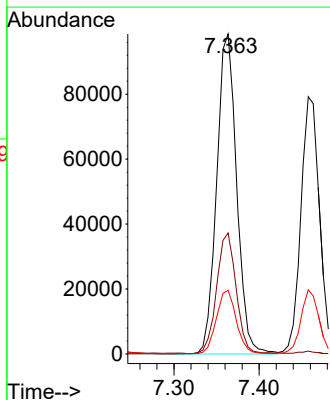
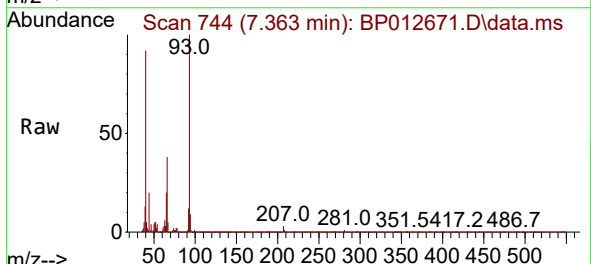
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ClientSampleId :
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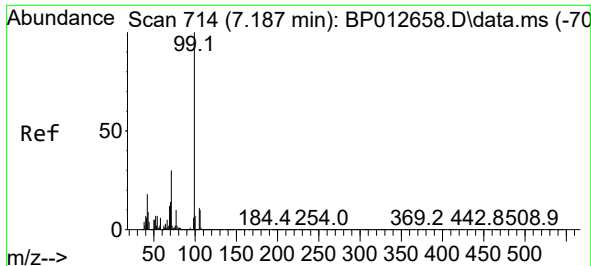
Tgt Ion:112 Resp: 1295669
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 29.8 23.3 34.9



#6
Aniline
Concen: 6.948 ng
RT: 7.363 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 93 Resp: 160270
Ion Ratio Lower Upper
93 100
66 37.8 29.9 44.9
65 19.9 15.4 23.2

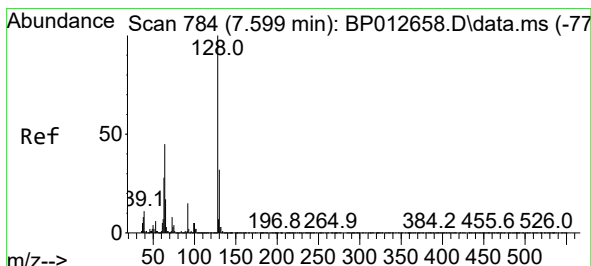
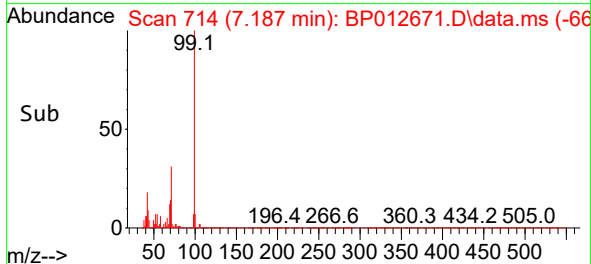
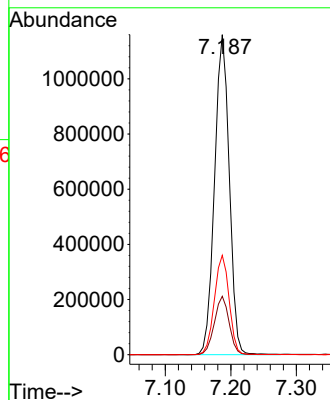
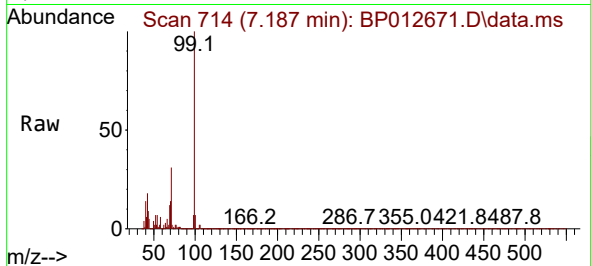




#7
Phenol-d6
Concen: 98.707 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

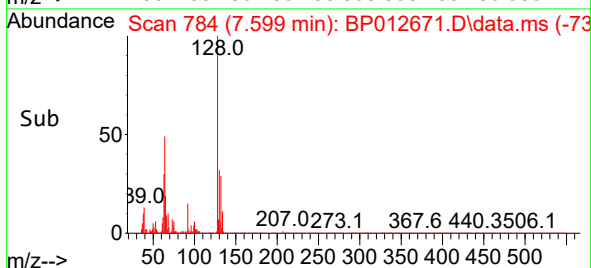
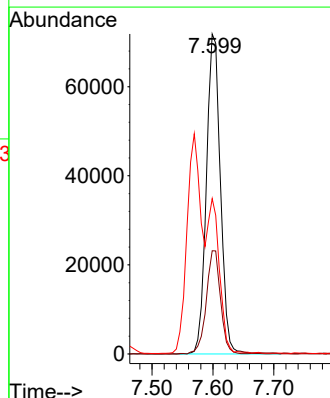
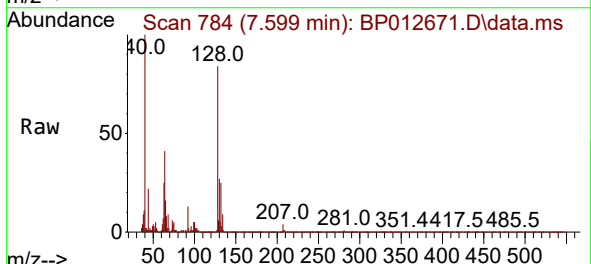
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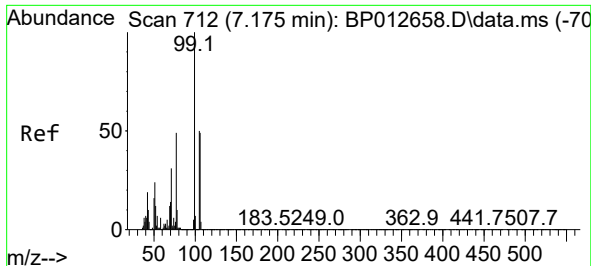
Tgt Ion: 99 Resp: 1807305
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.2
71 31.1 24.4 36.6



#8
2-Chlorophenol
Concen: 7.088 ng
RT: 7.599 min Scan# 784
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:128 Resp: 115064
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 48.6 25.5 65.5

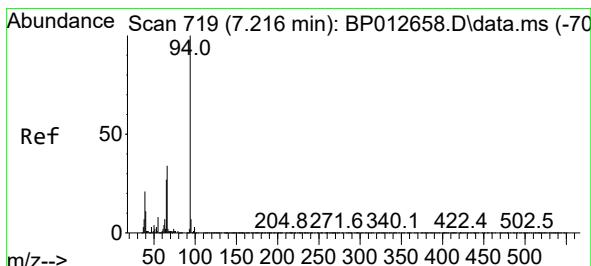
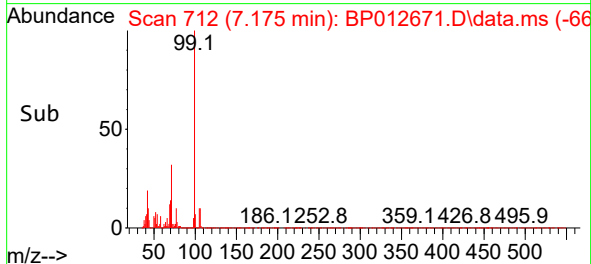
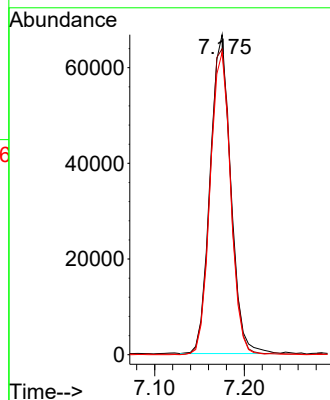
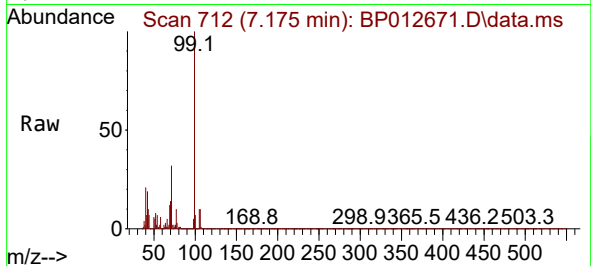




#9
Benzaldehyde
Concen: 9.936 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

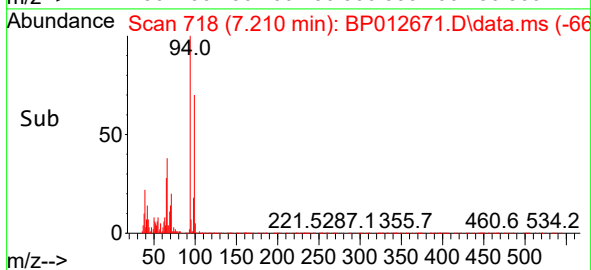
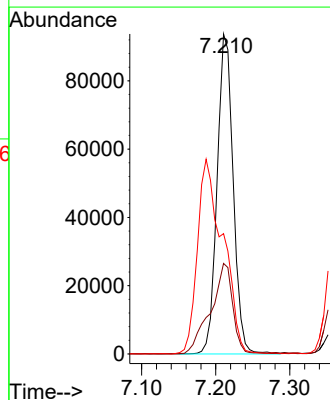
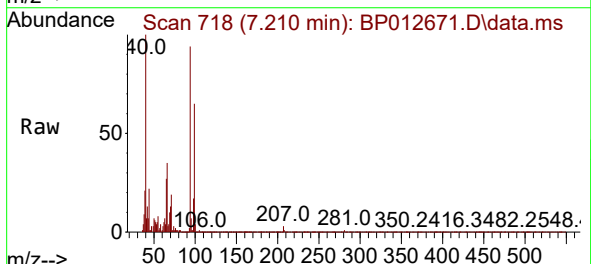
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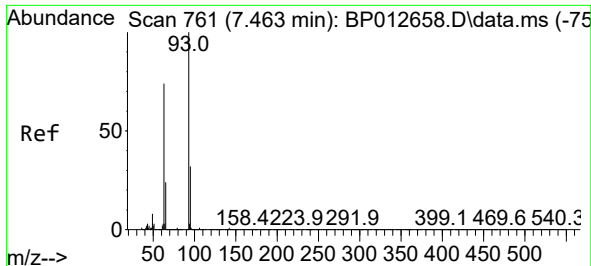
Tgt Ion: 77 Resp: 106096
Ion Ratio Lower Upper
77 100
105 95.6 82.0 122.0
106 94.5 79.6 119.6



#10
Phenol
Concen: 6.837 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 94 Resp: 141026
Ion Ratio Lower Upper
94 100
65 28.3 6.8 46.8
66 37.6 13.9 53.9

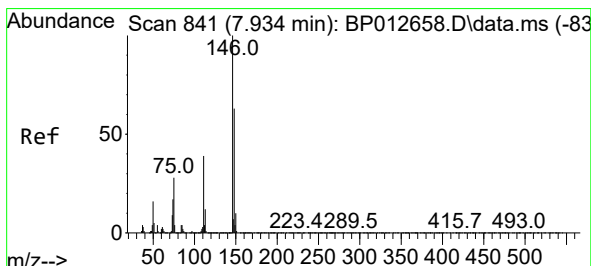
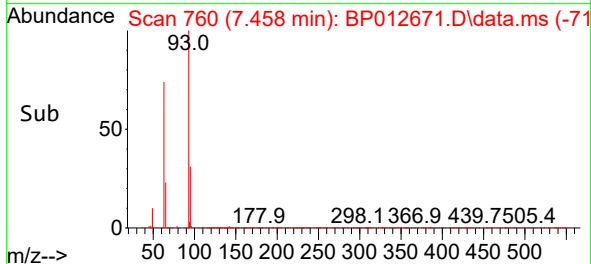
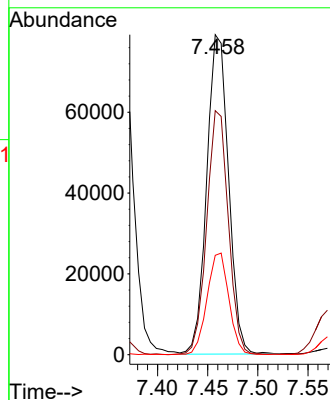
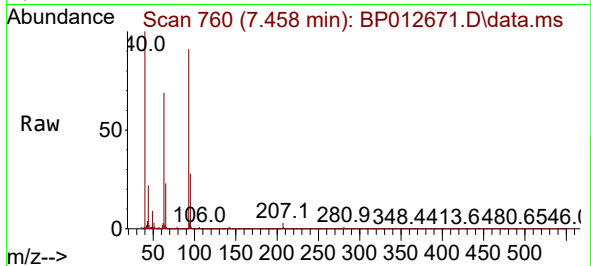




#11
bis(2-Chloroethyl)ether
Concen: 7.288 ng
RT: 7.458 min Scan# 760
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

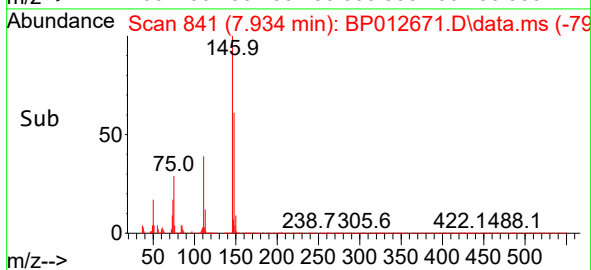
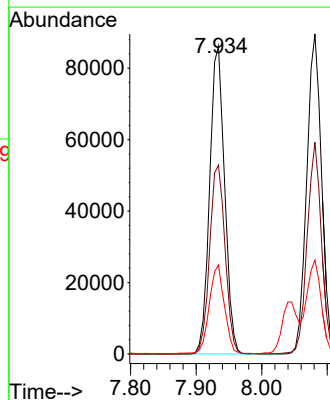
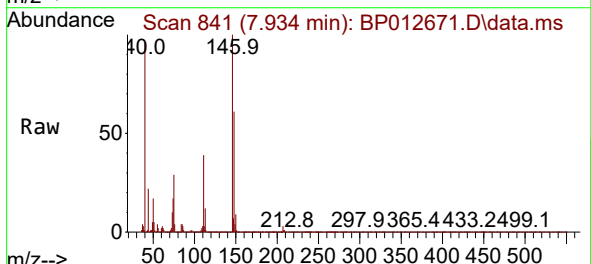
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

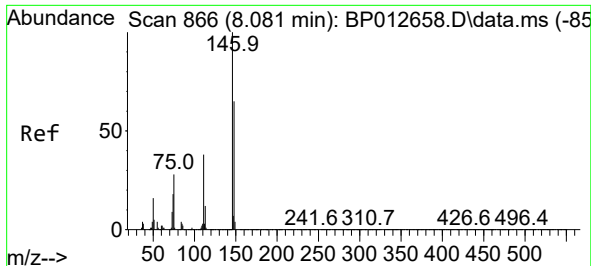
Tgt Ion: 93 Resp: 119748
Ion Ratio Lower Upper
93 100
63 76.2 53.9 93.9
95 31.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 7.579 ng
RT: 7.934 min Scan# 841
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:146 Resp: 136552
Ion Ratio Lower Upper
146 100
148 61.3 50.6 76.0
75 28.9 22.5 33.7

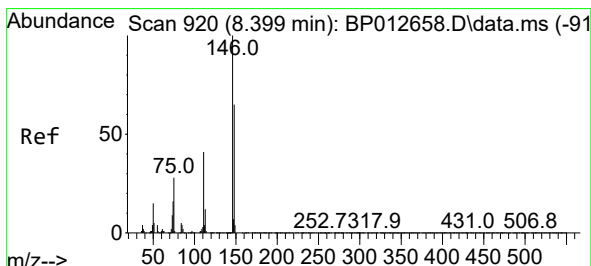
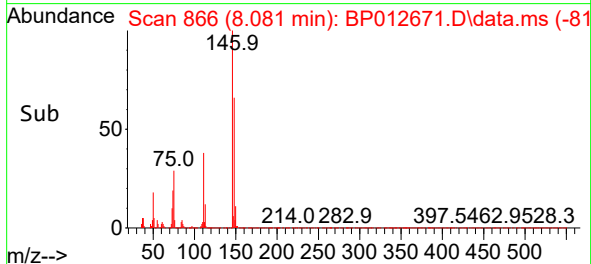
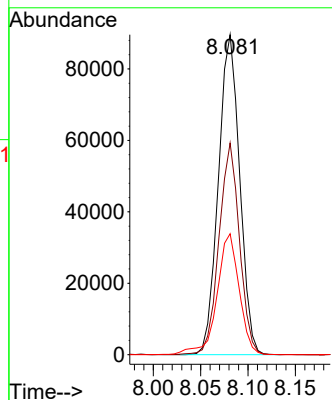
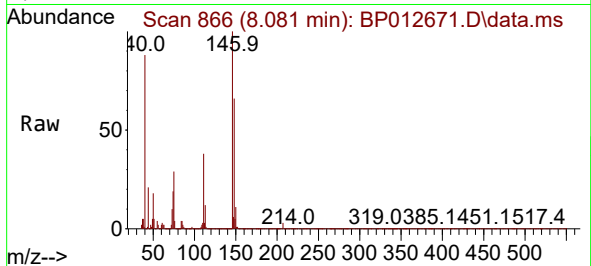




#13
1,4-Dichlorobenzene
Concen: 7.634 ng
RT: 8.081 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

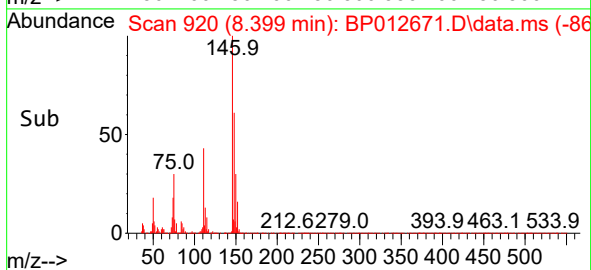
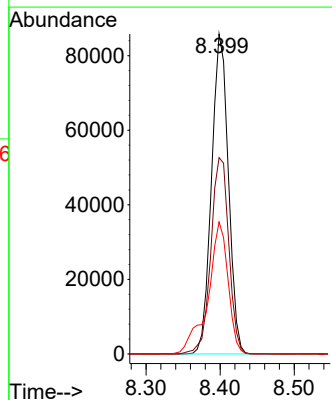
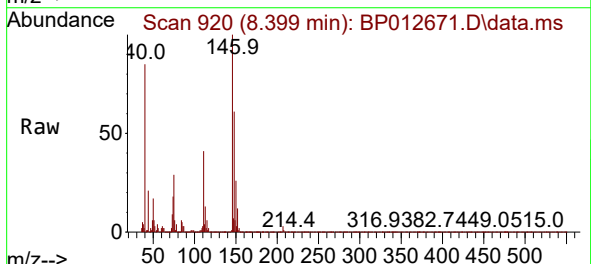
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

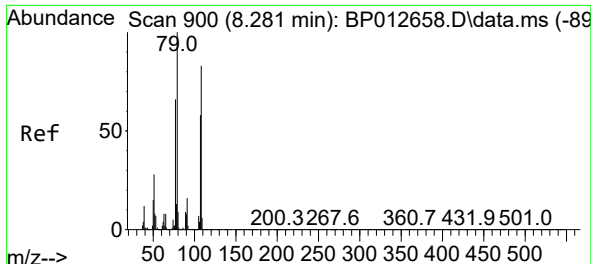
Tgt Ion:146 Resp: 140241
Ion Ratio Lower Upper
146 100
148 66.2 52.2 78.4
111 37.8 30.6 45.8



#14
1,2-Dichlorobenzene
Concen: 7.678 ng
RT: 8.399 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:146 Resp: 135357
Ion Ratio Lower Upper
146 100
148 61.3 52.1 78.1
111 41.2 32.8 49.2

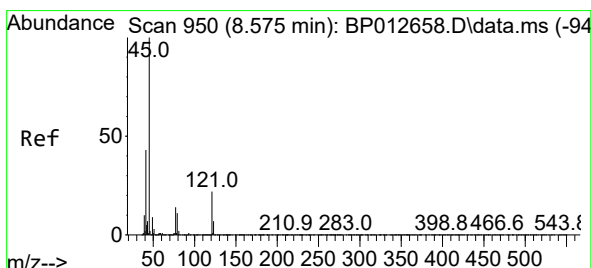
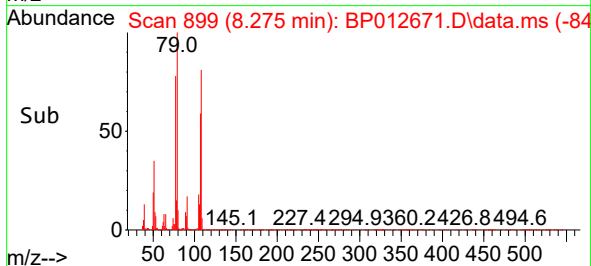
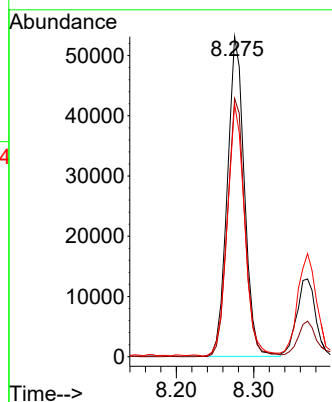
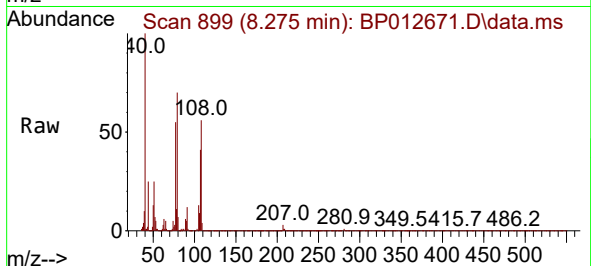




#15
Benzyl Alcohol
Concen: 5.968 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

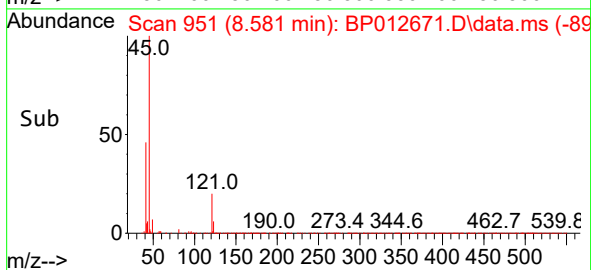
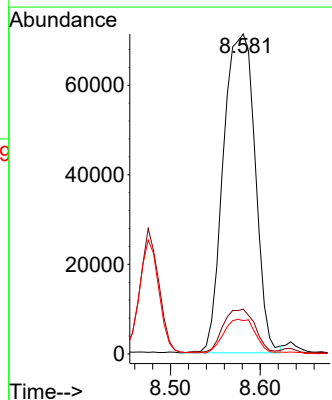
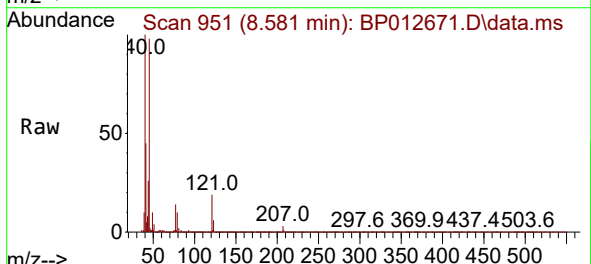
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

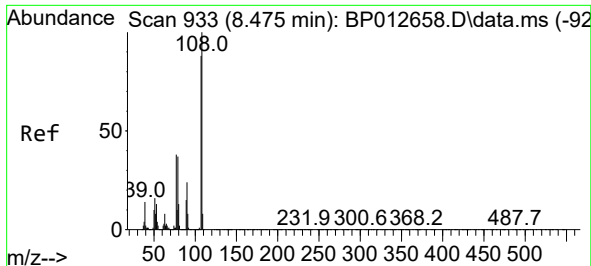
Tgt Ion: 79 Resp: 81414
Ion Ratio Lower Upper
79 100
108 80.7 66.4 99.6
77 78.9 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.544 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 45 Resp: 174907
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.8
79 10.4 0.0 30.7

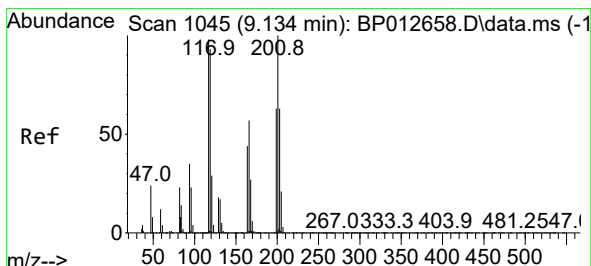
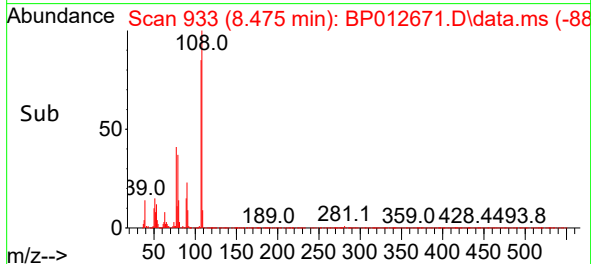
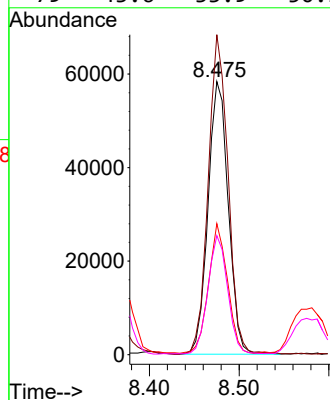
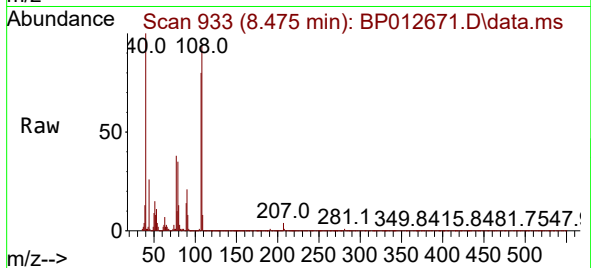




#17
2-Methylphenol
Concen: 6.406 ng
RT: 8.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

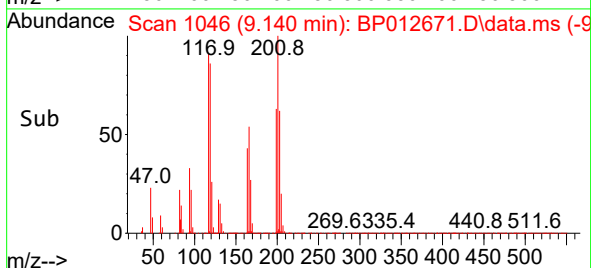
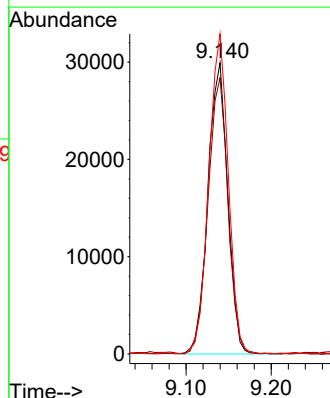
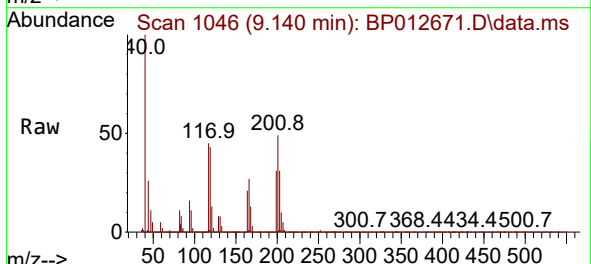
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

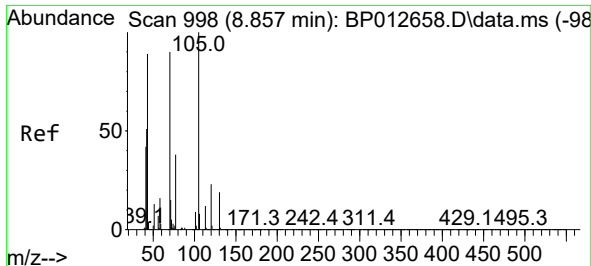
Tgt Ion:	107	Resp:	91628
Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.0	136.6
77	48.0	35.1	52.7
79	43.6	33.9	50.9



#18
Hexachloroethane
Concen: 7.898 ng
RT: 9.140 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:	117	Resp:	48487
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.1	114.1
201	109.9	81.8	122.8

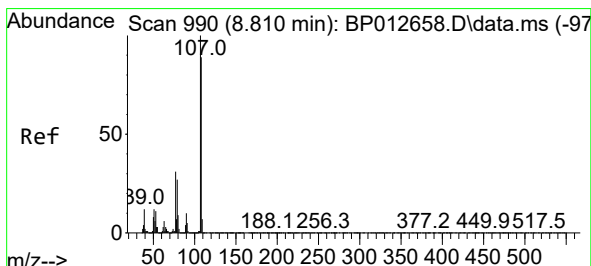
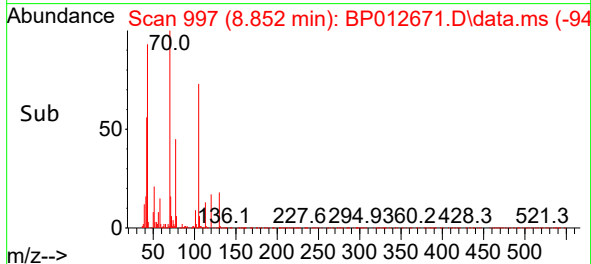
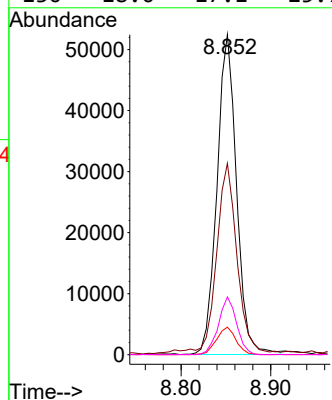
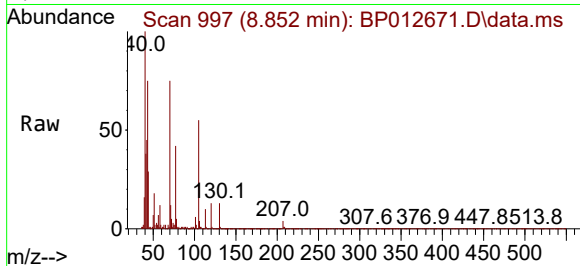




#19
n-Nitroso-di-n-propylamine
Concen: 6.377 ng
RT: 8.852 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

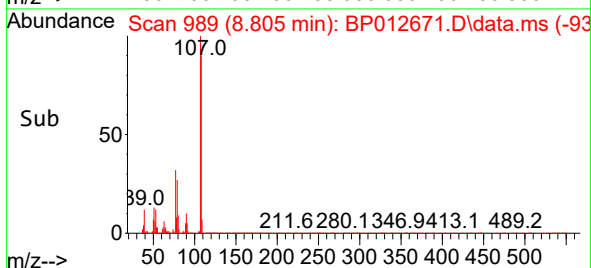
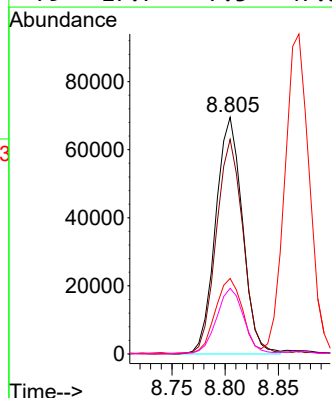
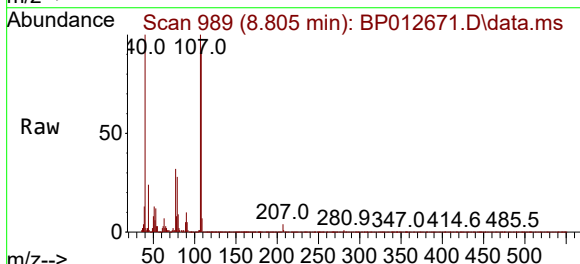
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

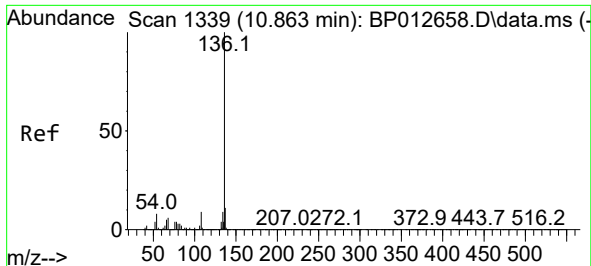
Tgt Ion:	70	Resp:	79367
Ion	Ratio	Lower	Upper
70	100		
42	59.8	46.4	69.6
101	8.6	7.6	11.4
130	18.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 6.075 ng
RT: 8.805 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:	107	Resp:	121727
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.1	109.1
77	31.9	10.8	50.8
79	27.7	7.3	47.3

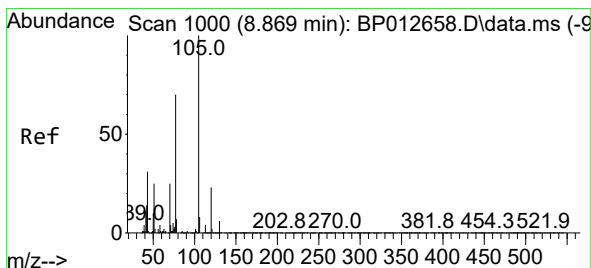
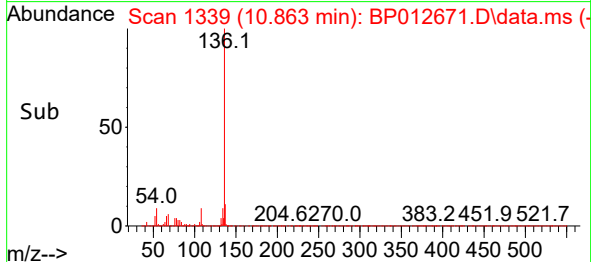
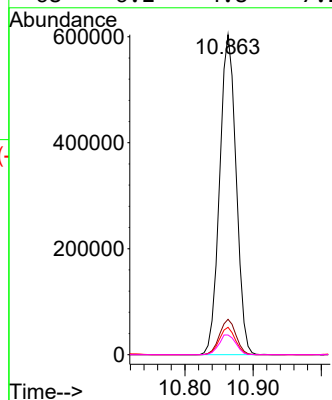
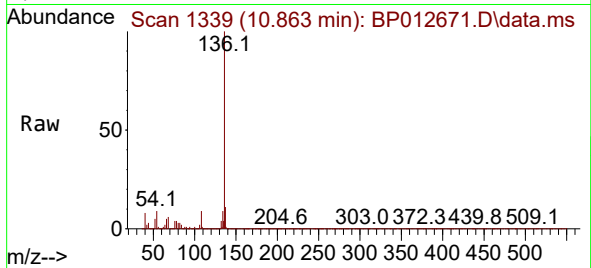




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

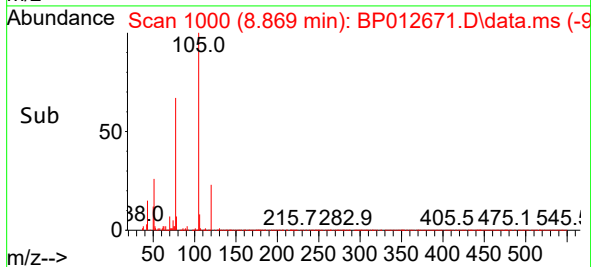
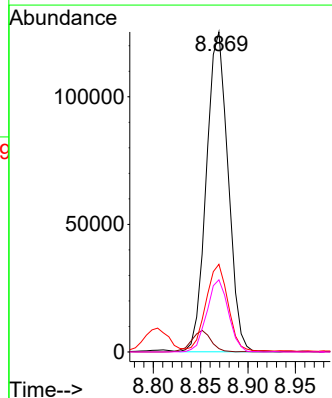
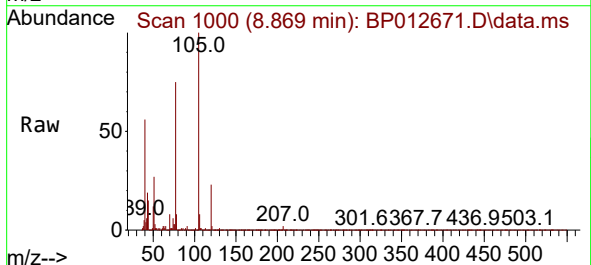
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

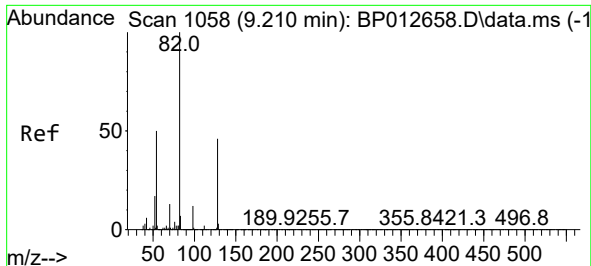
Tgt Ion:136 Resp: 1015475
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.5 6.3 9.5
68 6.2 4.8 7.2



#22
Acetophenone
Concen: 7.854 ng
RT: 8.869 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:105 Resp: 199078
Ion Ratio Lower Upper
105 100
71 1.1 3.1 4.7#
51 27.4 21.4 32.2
120 22.6 18.6 28.0

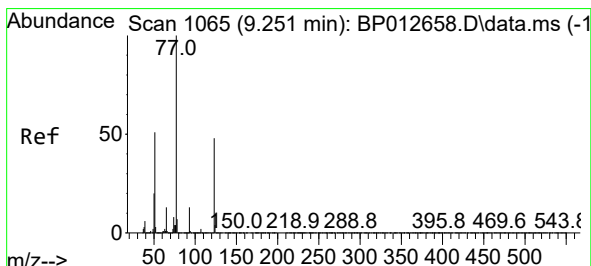
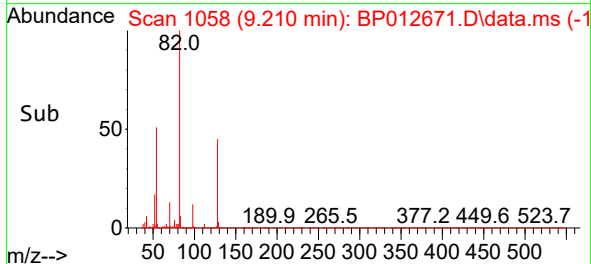
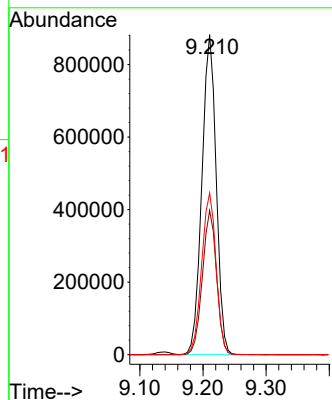
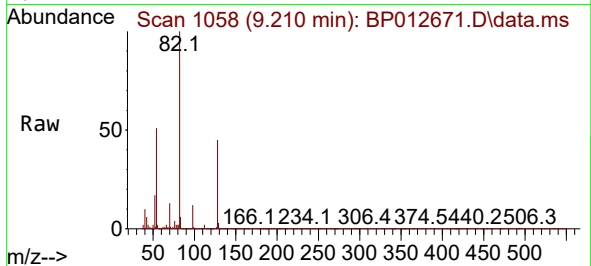




#23
Nitrobenzene-d5
Concen: 85.877 ng
RT: 9.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

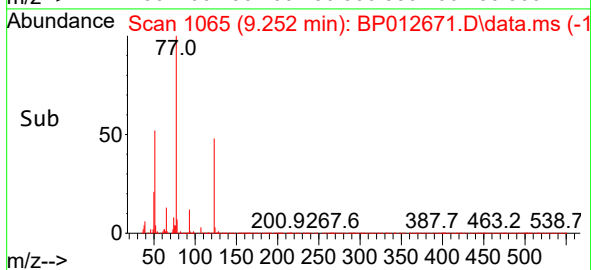
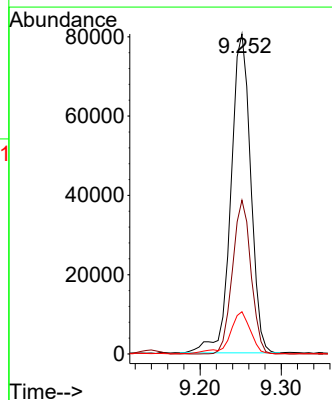
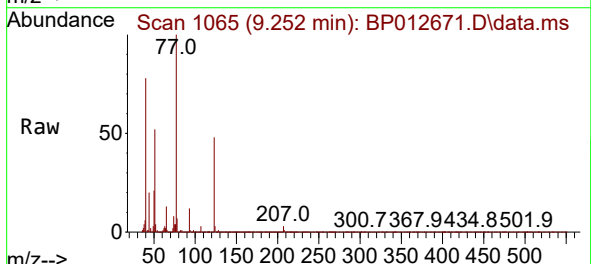
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

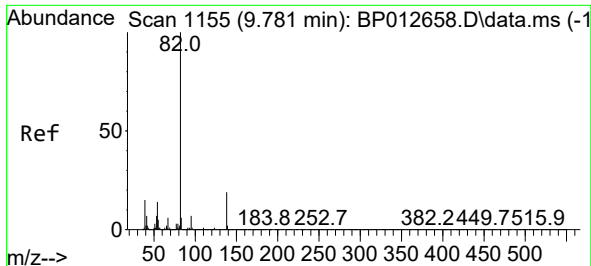
Tgt Ion: 82 Resp: 1386987
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 50.6 39.9 59.9



#24
Nitrobenzene
Concen: 7.770 ng
RT: 9.252 min Scan# 1065
Delta R.T. 0.001 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 77 Resp: 135518
Ion Ratio Lower Upper
77 100
123 48.1 38.7 58.1
65 13.2 10.6 15.8

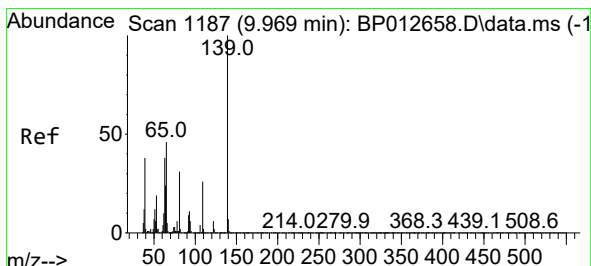
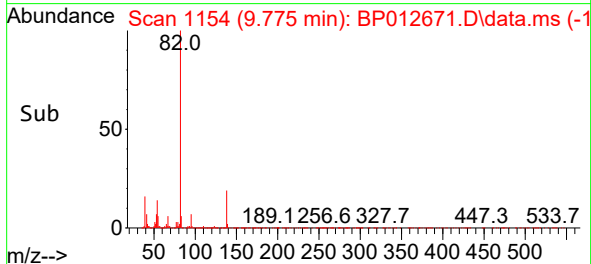
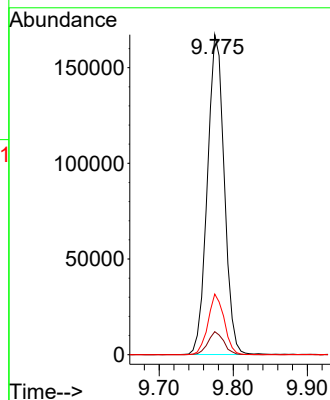
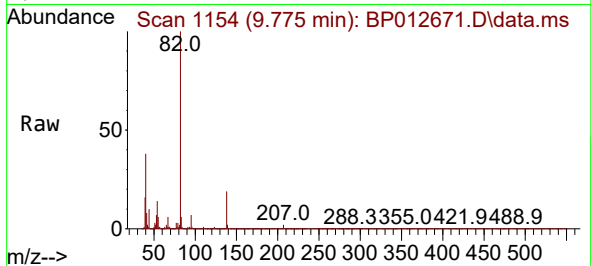




#25
Isophorone
Concen: 7.272 ng
RT: 9.775 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

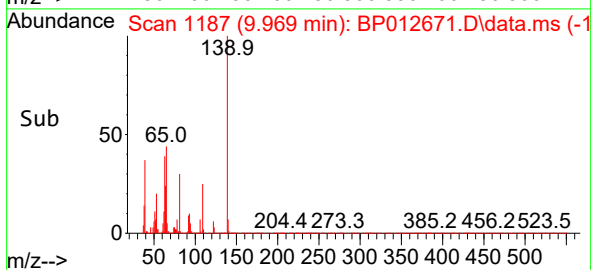
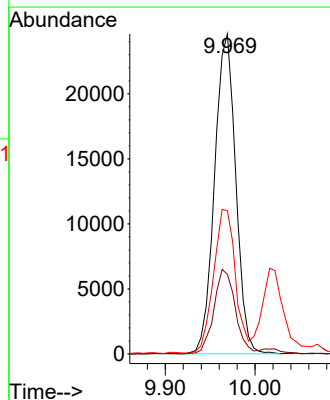
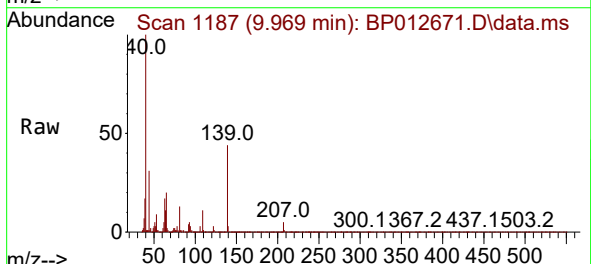
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

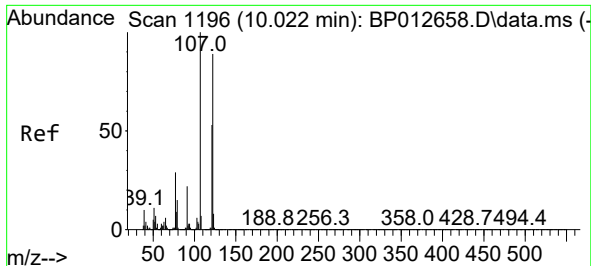
Tgt Ion: 82 Resp: 264184
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 5.329 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 139 Resp: 40303
Ion Ratio Lower Upper
139 100
109 24.9 20.9 31.3
65 44.8 36.6 54.8

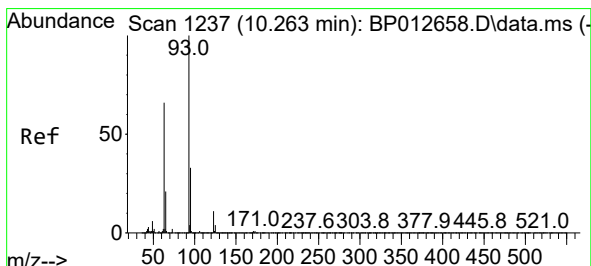
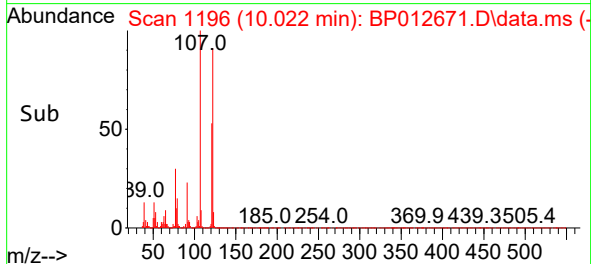
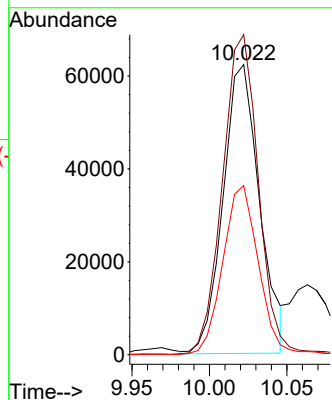
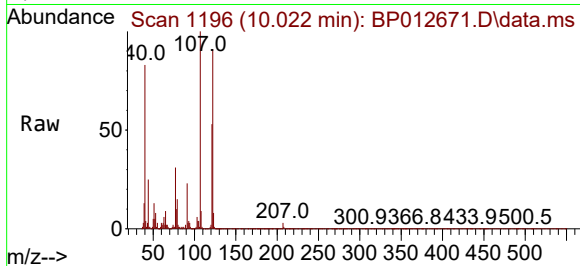




#27
2,4-Dimethylphenol
Concen: 7.153 ng
RT: 10.022 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

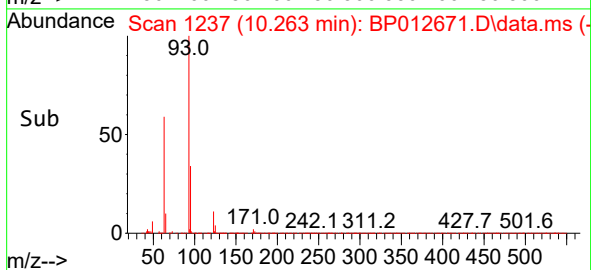
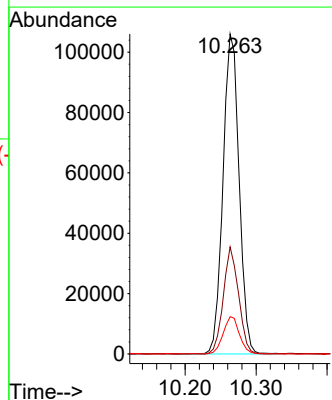
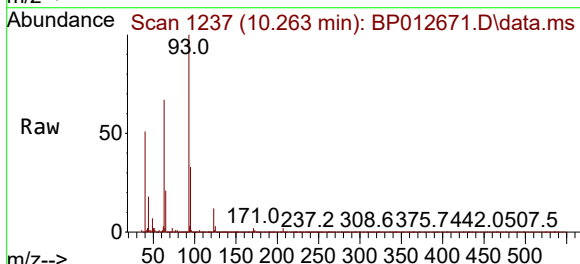
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

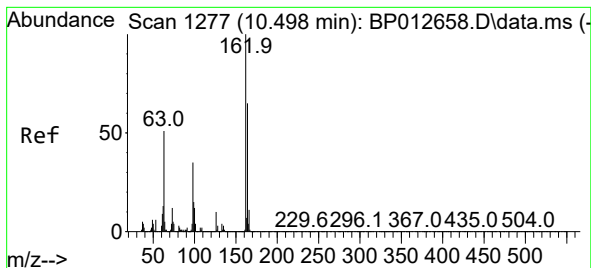
Tgt Ion:122 Resp: 102080
Ion Ratio Lower Upper
122 100
107 110.3 89.2 133.8
121 58.3 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 8.048 ng
RT: 10.263 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion: 93 Resp: 166302
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.4
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 6.435 ng

RT: 10.499 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

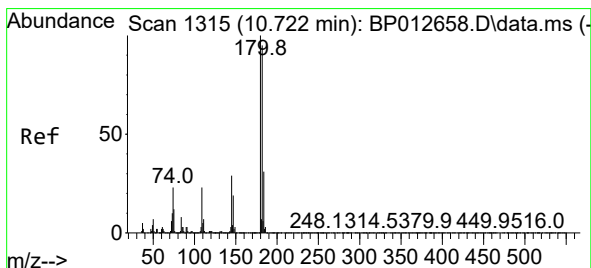
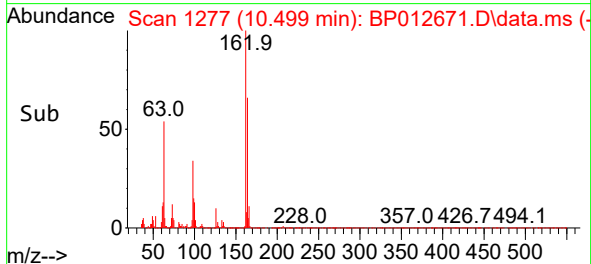
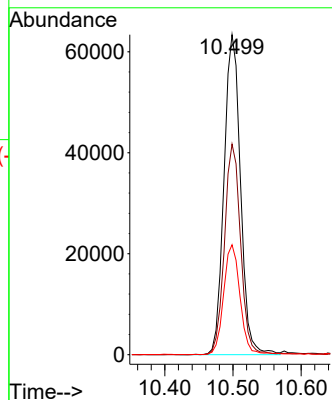
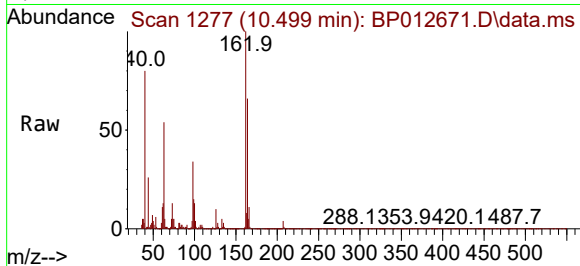
Tgt Ion:162 Resp: 106742

Ion Ratio Lower Upper

162 100

164 65.8 44.7 84.7

98 34.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 7.405 ng

RT: 10.722 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

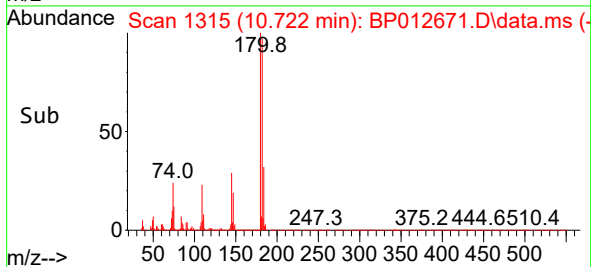
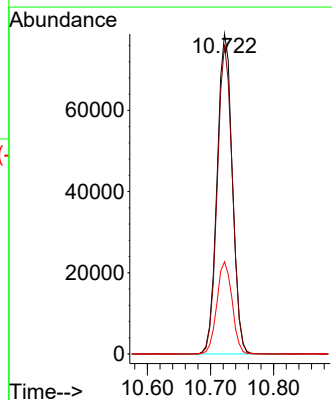
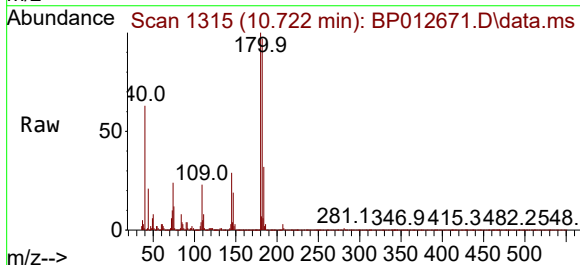
Tgt Ion:180 Resp: 131850

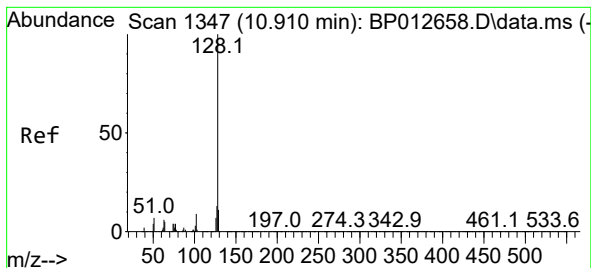
Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 28.8 23.0 34.4





#31

Naphthalene

Concen: 7.345 ng

RT: 10.916 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

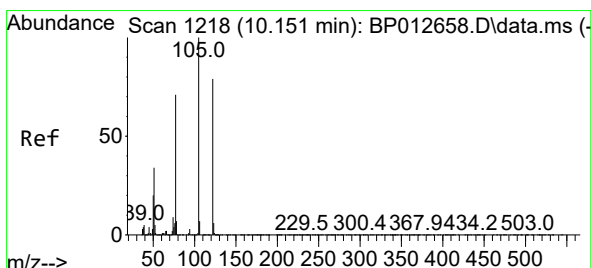
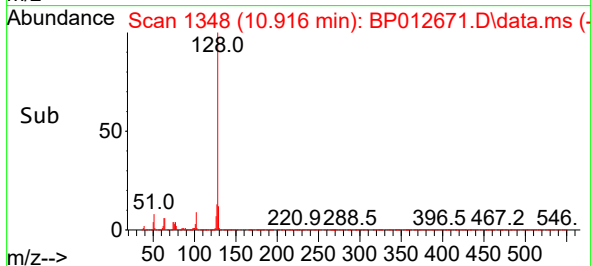
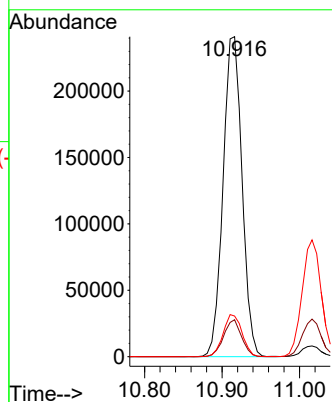
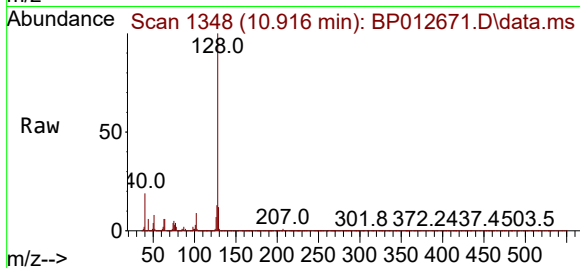
Tgt Ion:128 Resp: 410027

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 12.7 10.5 15.7



#32

Benzoic acid

Concen: 2.141 ng

RT: 10.063 min Scan# 1203

Delta R.T. -0.088 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

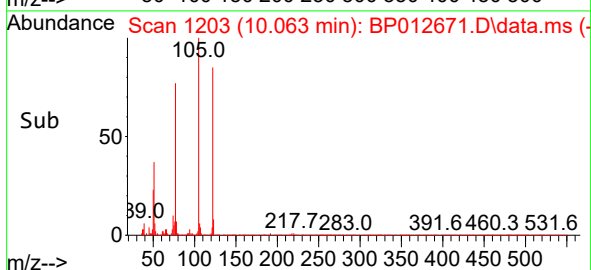
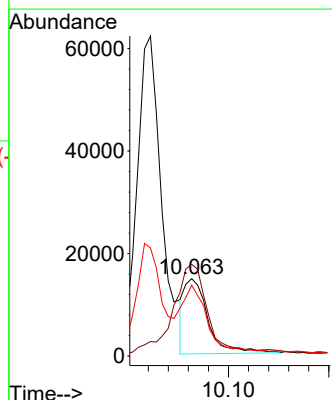
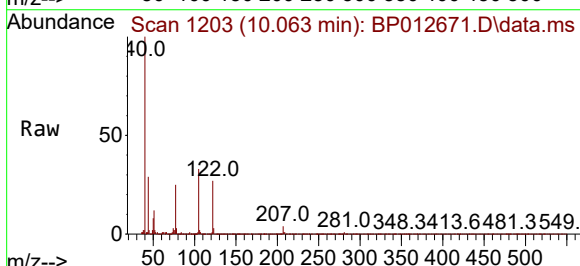
Tgt Ion:122 Resp: 23923

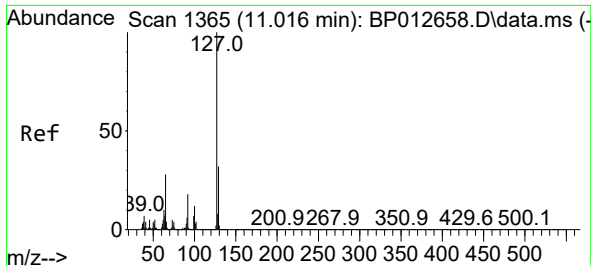
Ion Ratio Lower Upper

122 100

105 118.7 101.1 141.1

77 91.5 67.6 107.6

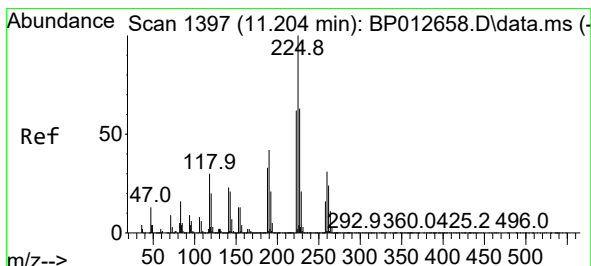
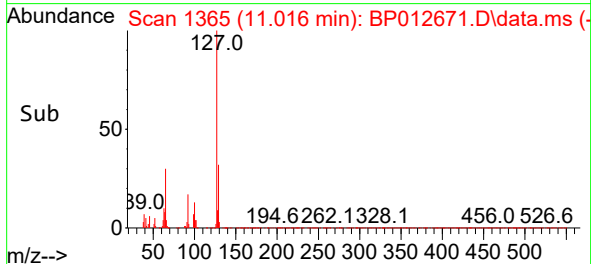
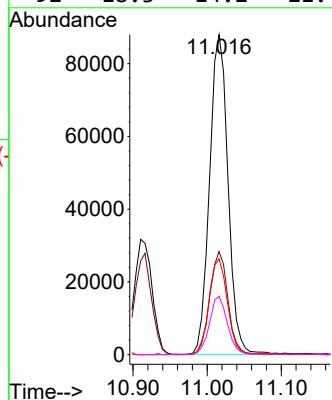
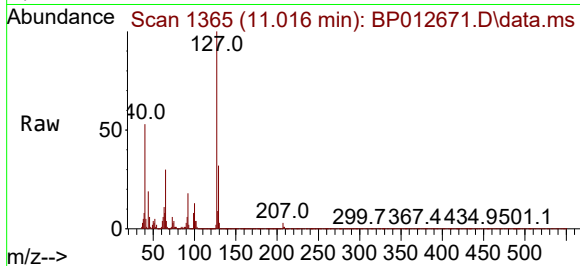




#33
4-Chloroaniline
Concen: 6.541 ng
RT: 11.016 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

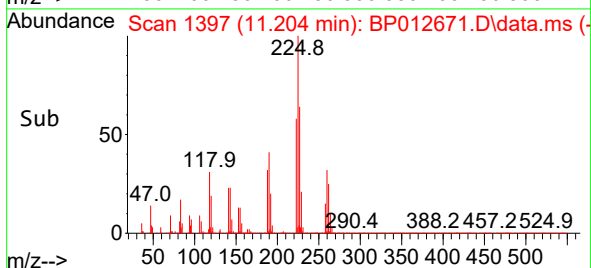
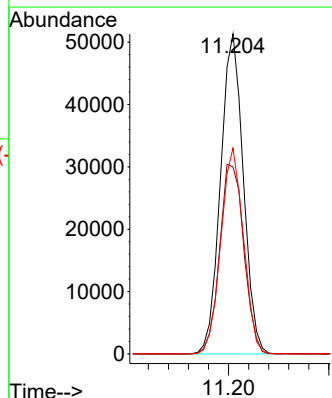
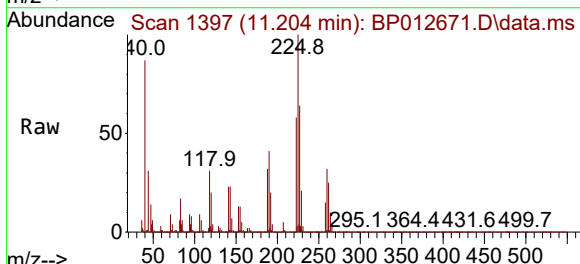
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

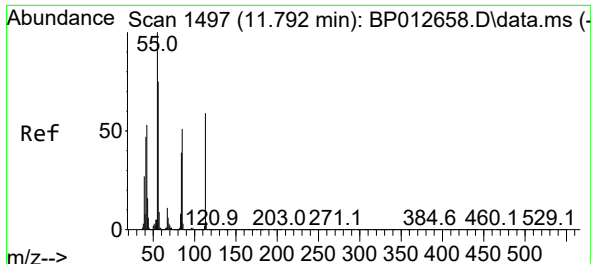
Tgt Ion:	127	Resp:	152127
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	30.0	22.6	33.8
92	18.3	14.2	21.4



#34
Hexachlorobutadiene
Concen: 7.683 ng
RT: 11.204 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:	225	Resp:	80818
Ion	Ratio	Lower	Upper
225	100		
223	58.4	49.6	74.4
227	64.3	50.0	75.0

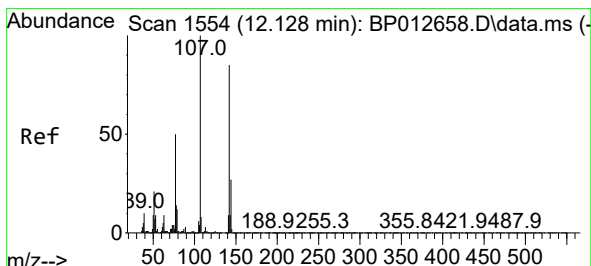
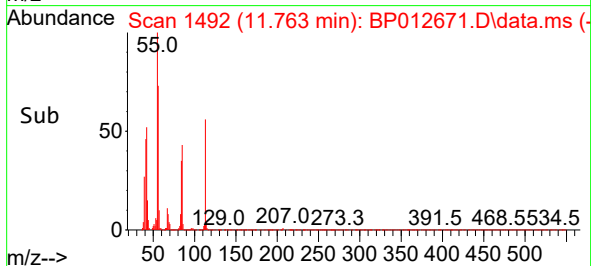
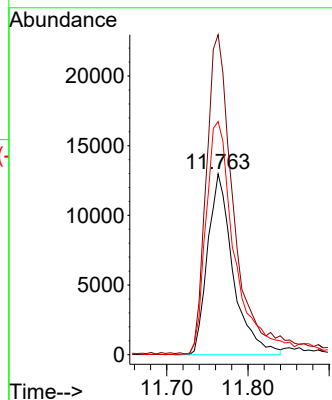
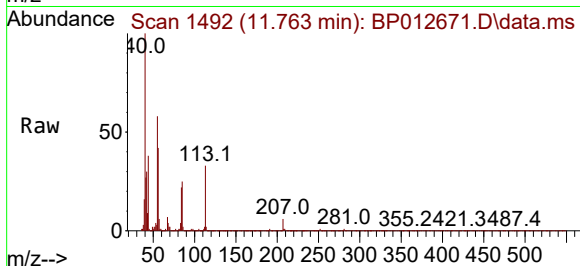




#35
Caprolactam
Concen: 5.227 ng
RT: 11.763 min Scan# 1497
Delta R.T. -0.029 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

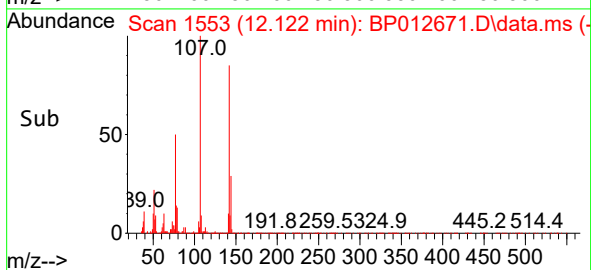
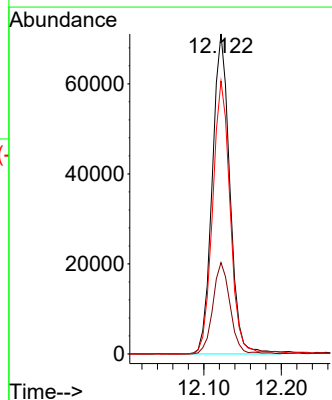
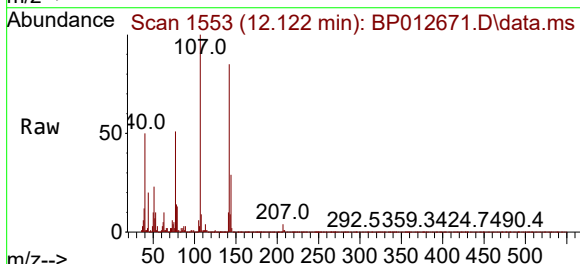
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

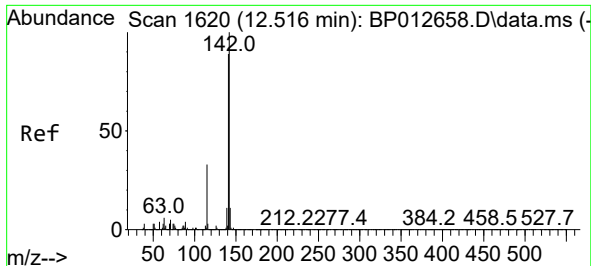
Tgt Ion:113 Resp: 28233
Ion Ratio Lower Upper
113 100
55 176.9 149.2 189.2
56 128.9 106.9 146.9



#36
4-Chloro-3-methylphenol
Concen: 6.286 ng
RT: 12.122 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:107 Resp: 111933
Ion Ratio Lower Upper
107 100
144 28.5 21.9 32.9
142 85.3 68.1 102.1

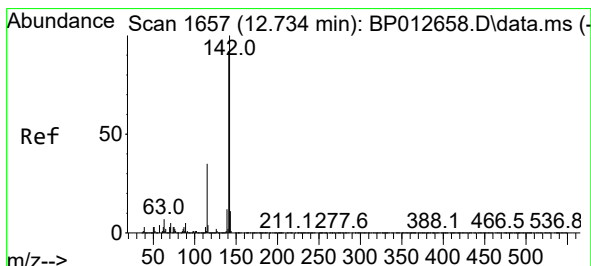
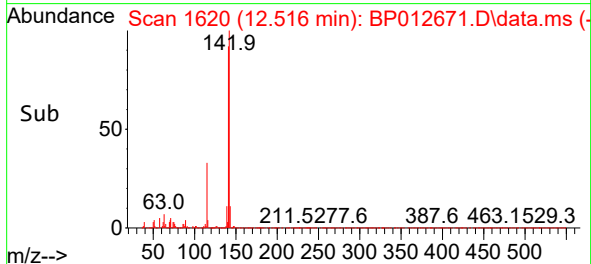
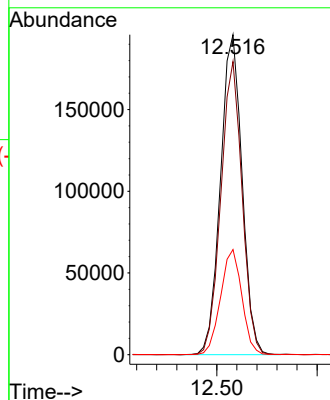
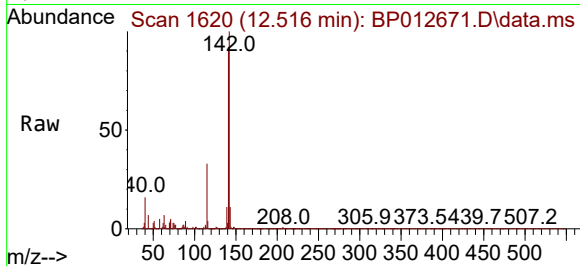




#37
2-Methylnaphthalene
Concen: 7.329 ng
RT: 12.516 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

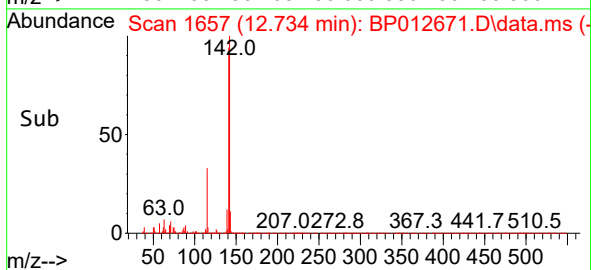
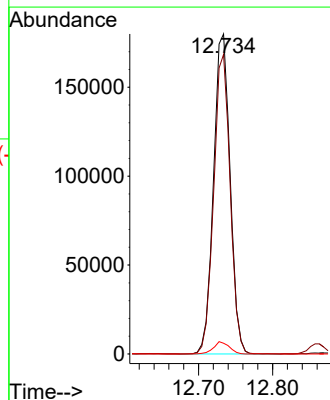
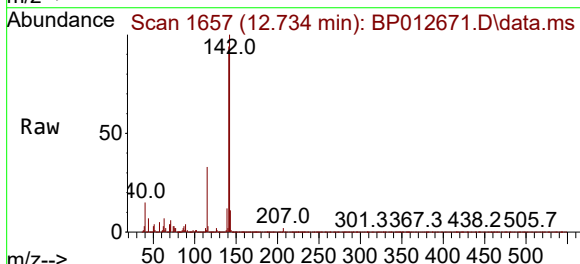
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

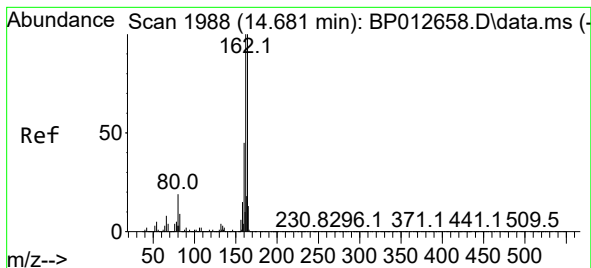
Tgt Ion:142 Resp: 292603
Ion Ratio Lower Upper
142 100
141 91.6 71.0 106.6
115 32.8 26.2 39.4



#38
1-Methylnaphthalene
Concen: 7.110 ng
RT: 12.734 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:142 Resp: 278926
Ion Ratio Lower Upper
142 100
141 93.6 73.9 110.9
116 3.4 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.681 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

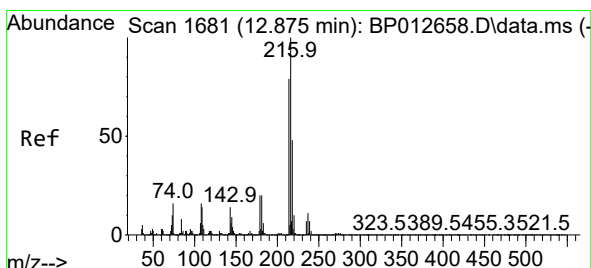
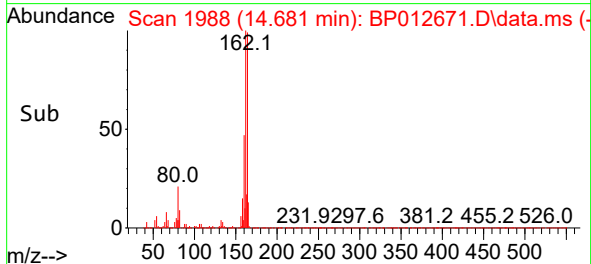
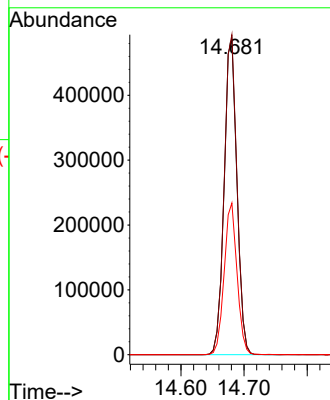
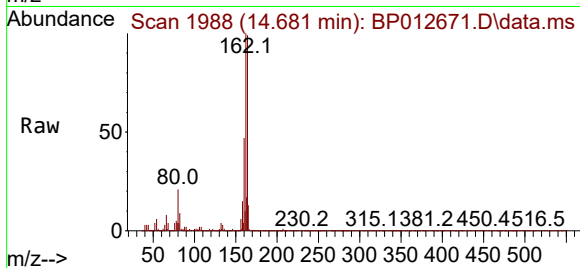
Tgt Ion:164 Resp: 686111

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 48.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.852 ng

RT: 12.875 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Tgt Ion:216 Resp: 157130

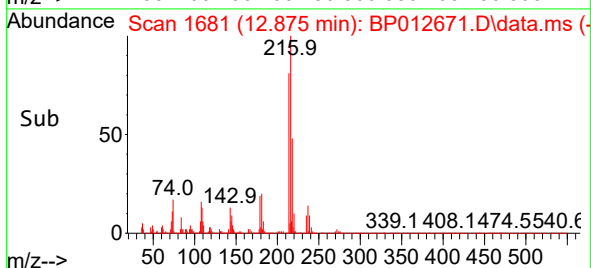
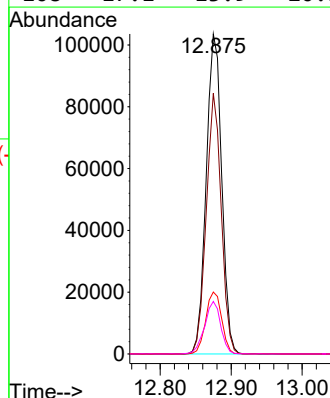
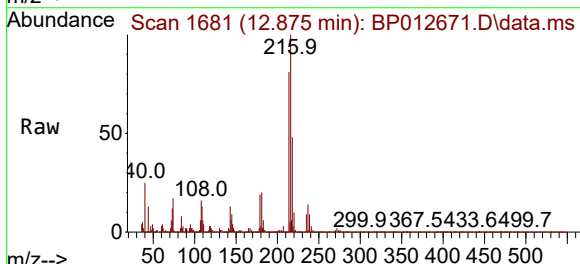
Ion Ratio Lower Upper

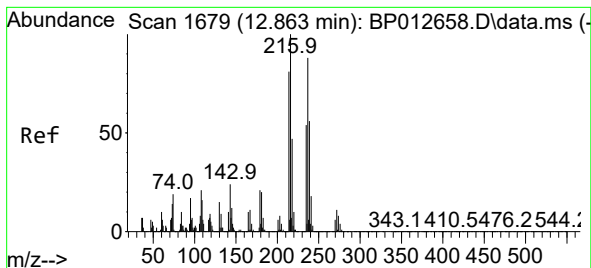
216 100

214 78.6 62.5 93.7

179 20.0 16.6 24.8

108 17.1 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 8.372 ng

RT: 12.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

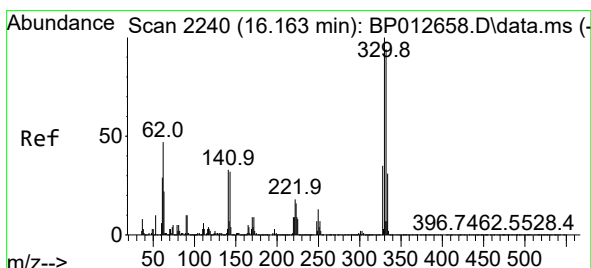
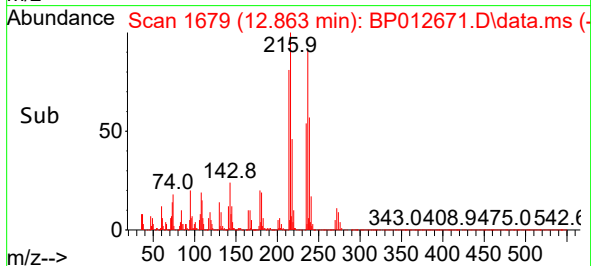
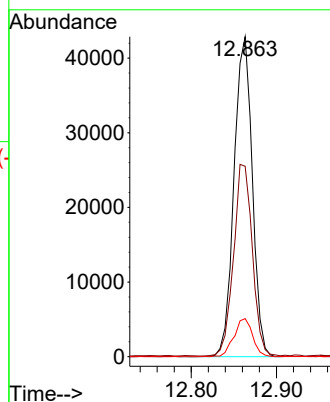
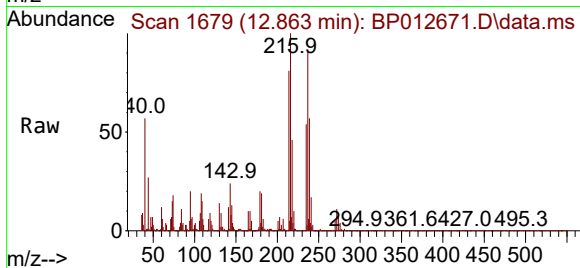
Tgt Ion:237 Resp: 63721

Ion Ratio Lower Upper

237 100

235 59.5 41.7 81.7

272 11.9 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 104.826 ng

RT: 16.169 min Scan# 2241

Delta R.T. 0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

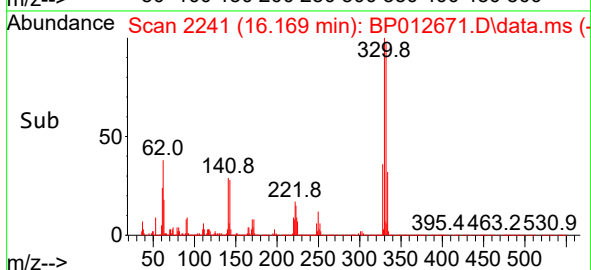
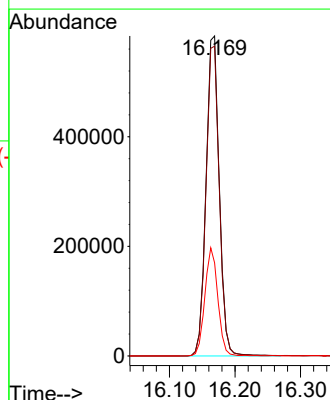
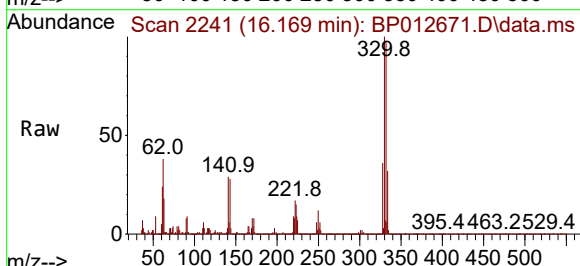
Tgt Ion:330 Resp: 823075

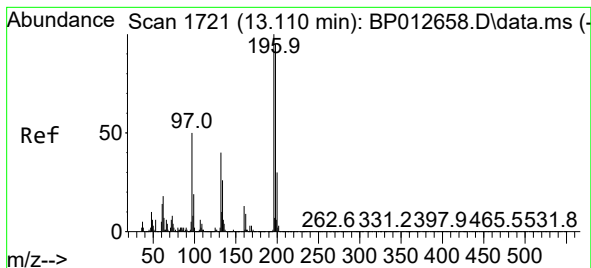
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 33.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 6.127 ng

RT: 13.110 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

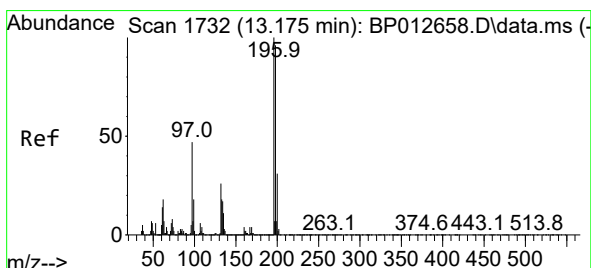
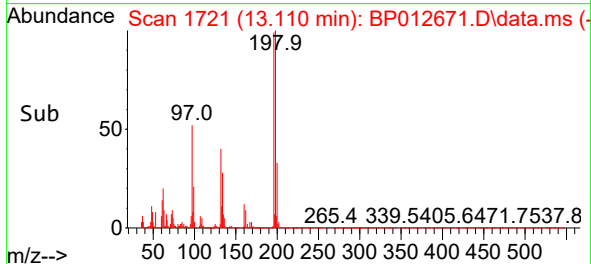
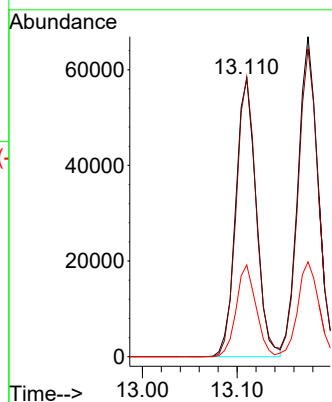
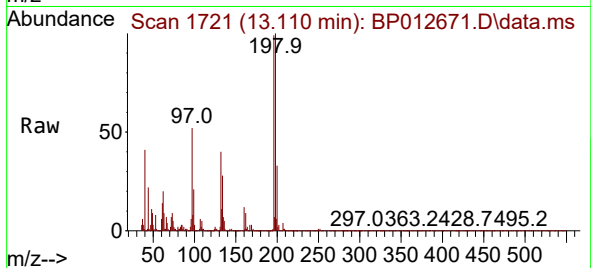
Tgt Ion:196 Resp: 87285

Ion Ratio Lower Upper

196 100

198 100.7 75.8 113.6

200 33.1 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 6.366 ng

RT: 13.175 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Tgt Ion:196 Resp: 100340

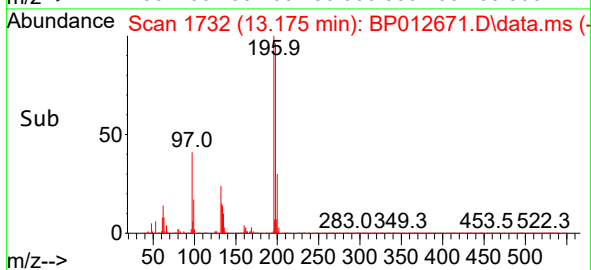
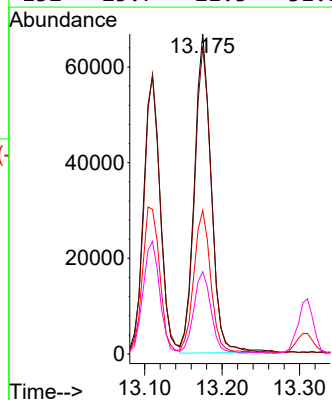
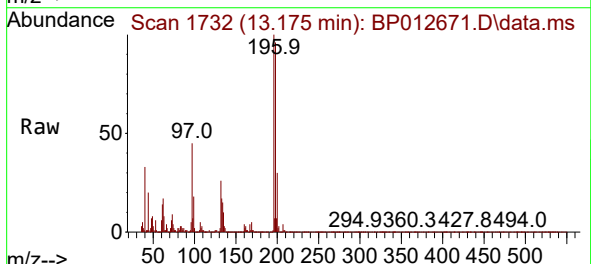
Ion Ratio Lower Upper

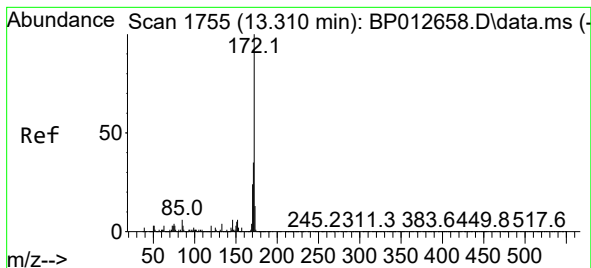
196 100

198 96.1 76.4 114.6

97 44.9 37.5 56.3

132 25.7 21.3 31.9





#45

2-Fluorobiphenyl

Concen: 83.027 ng

RT: 13.310 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

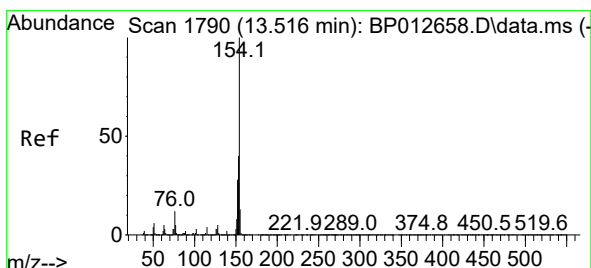
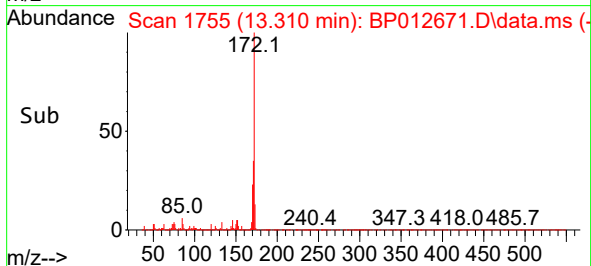
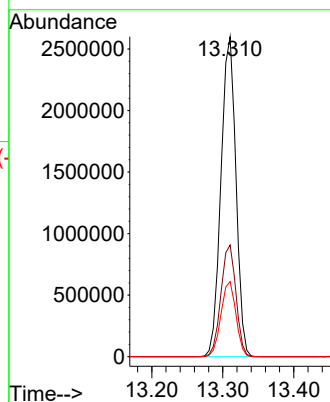
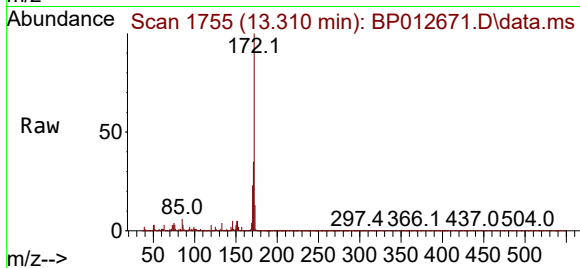
Tgt Ion:172 Resp: 3785942

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.3 28.9



#46

1,1'-Biphenyl

Concen: 7.959 ng

RT: 13.516 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

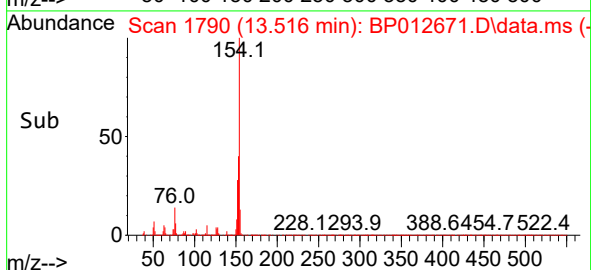
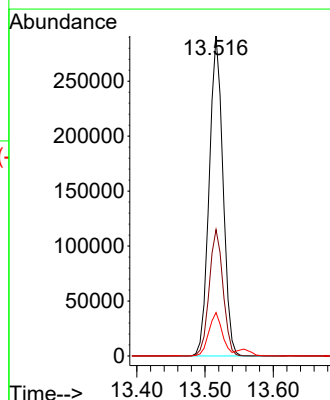
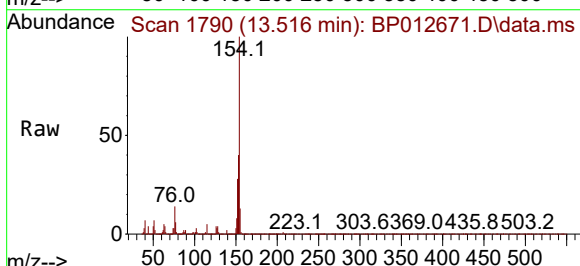
Tgt Ion:154 Resp: 408340

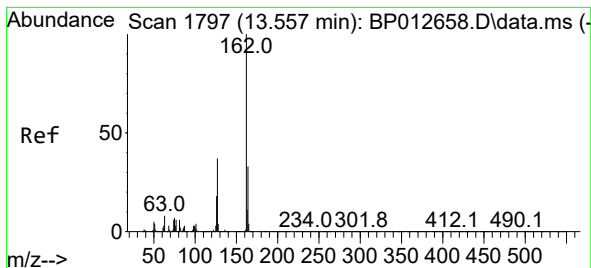
Ion Ratio Lower Upper

154 100

153 39.5 19.6 59.6

76 13.5 0.0 32.4

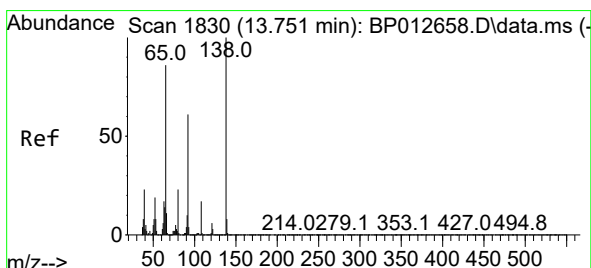
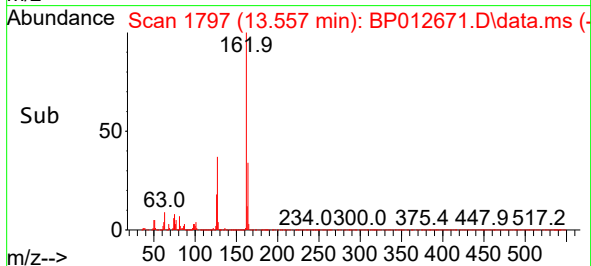
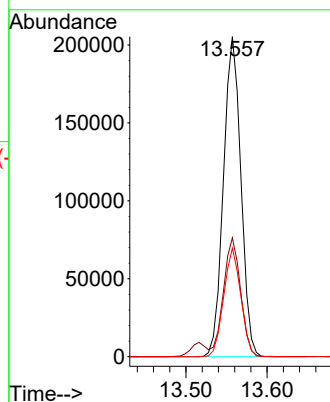
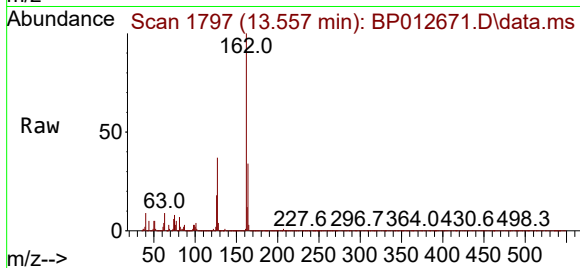




#47
2-Chloronaphthalene
Concen: 7.540 ng
RT: 13.557 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

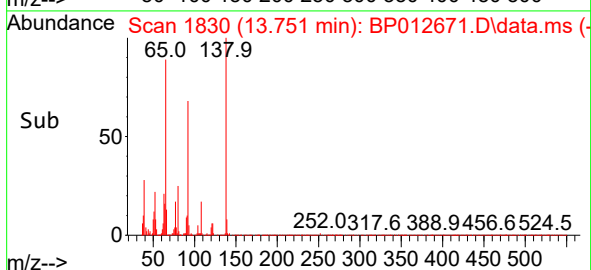
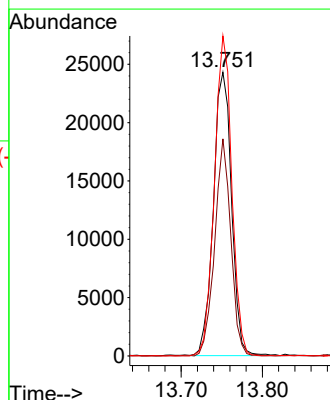
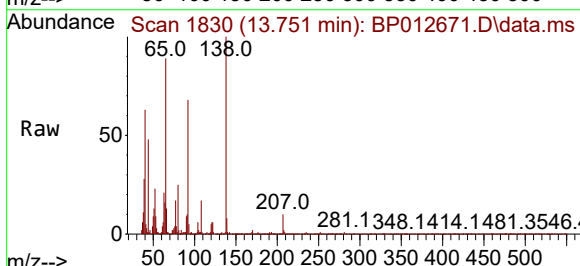
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

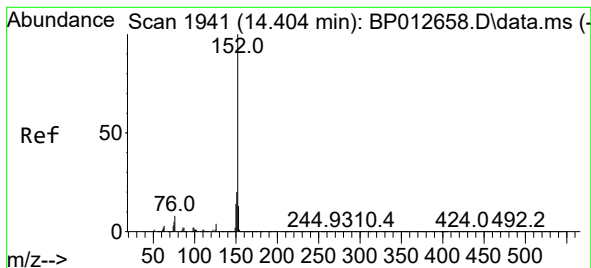
Tgt Ion:	162	Resp:	307192
Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.4	44.2
164	34.0	26.4	39.6



#48
2-Nitroaniline
Concen: 4.626 ng
RT: 13.751 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:	65	Resp:	37718
Ion	Ratio	Lower	Upper
65	100		
92	76.5	56.7	85.1
138	112.8	92.7	139.1





#49

Acenaphthylene

Concen: 7.213 ng

RT: 14.398 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

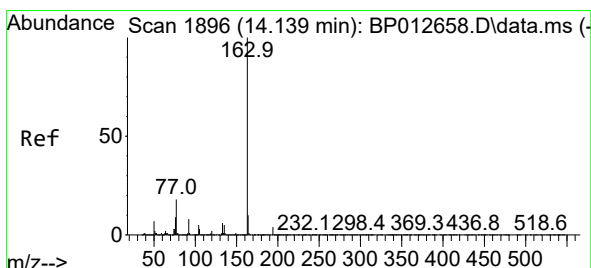
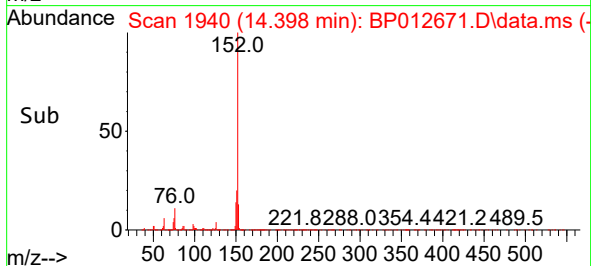
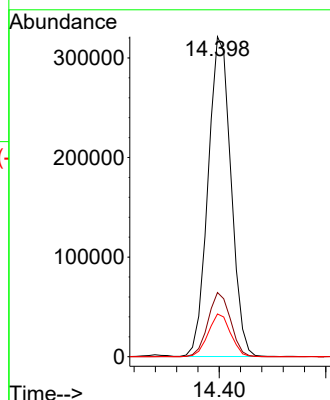
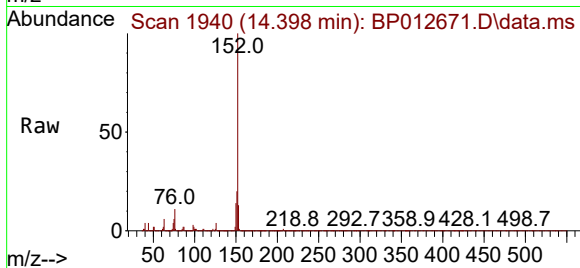
Tgt Ion:152 Resp: 479594

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 6.808 ng

RT: 14.134 min Scan# 1895

Delta R.T. -0.005 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

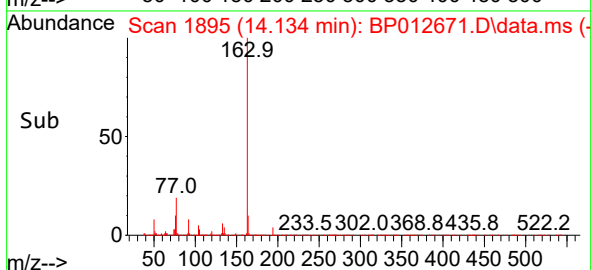
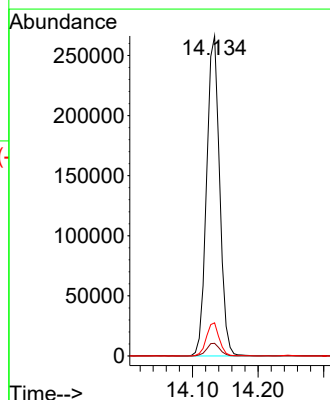
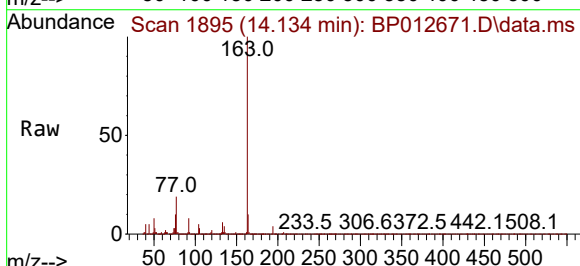
Tgt Ion:163 Resp: 367947

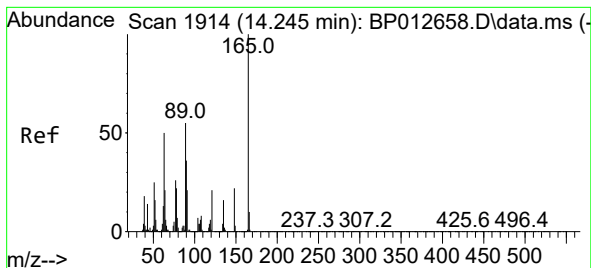
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 5.586 ng

RT: 14.245 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

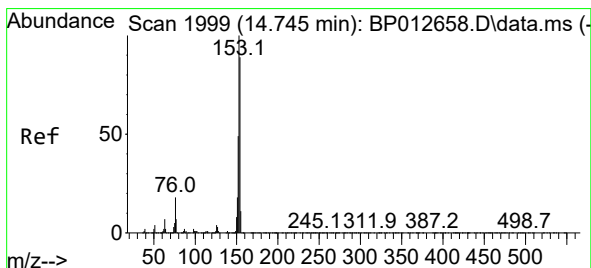
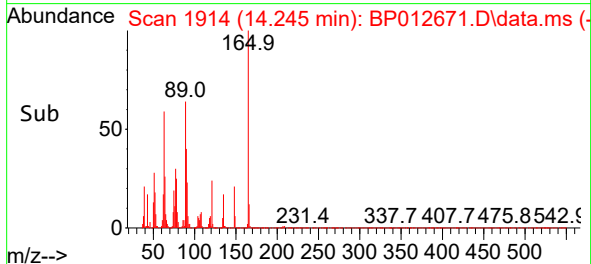
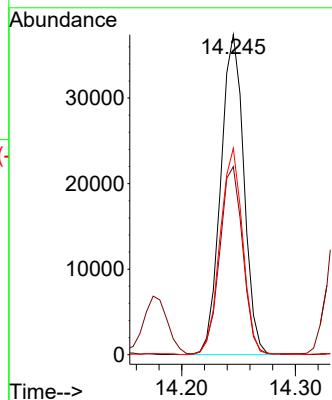
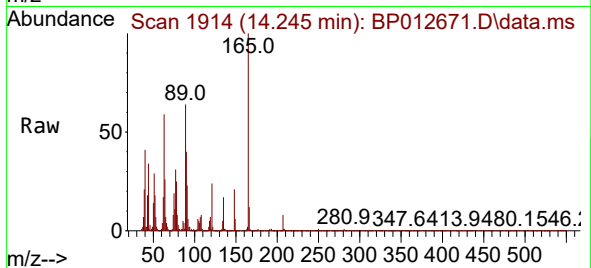
Tgt Ion:165 Resp: 52938

Ion Ratio Lower Upper

165 100

63 58.8 42.6 63.8

89 64.5 44.0 66.0



#52

Acenaphthene

Concen: 7.096 ng

RT: 14.740 min Scan# 1998

Delta R.T. -0.005 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

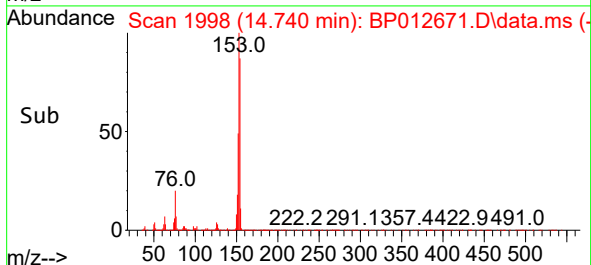
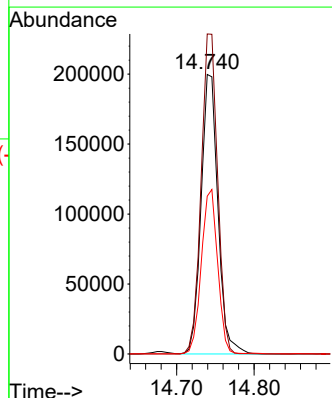
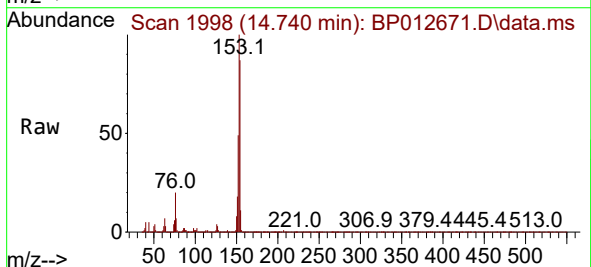
Tgt Ion:154 Resp: 301130

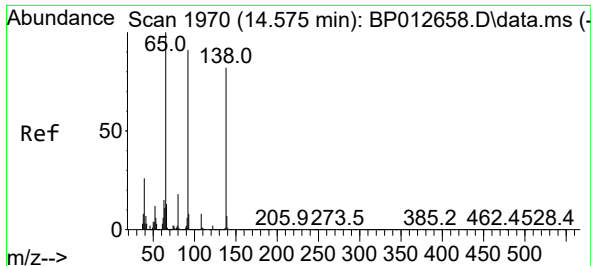
Ion Ratio Lower Upper

154 100

153 114.5 90.2 135.2

152 56.4 43.9 65.9

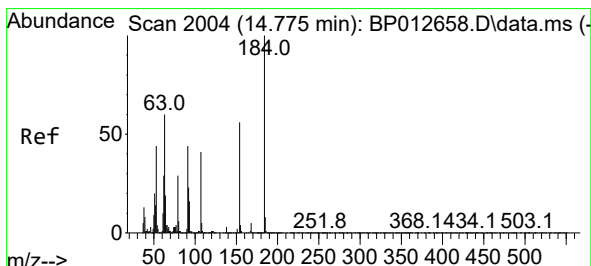
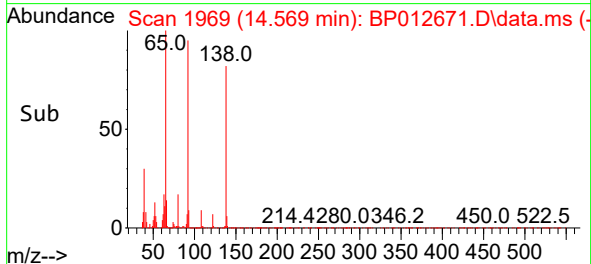
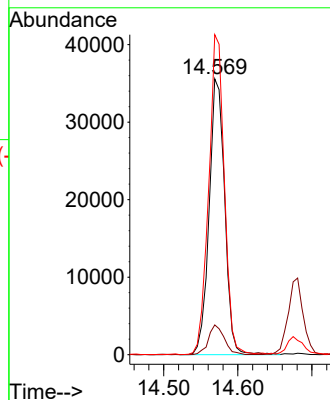
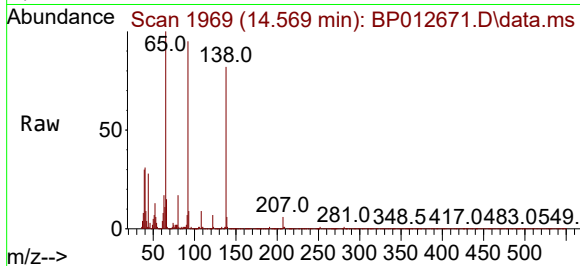




#53
3-Nitroaniline
Concen: 4.791 ng
RT: 14.569 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

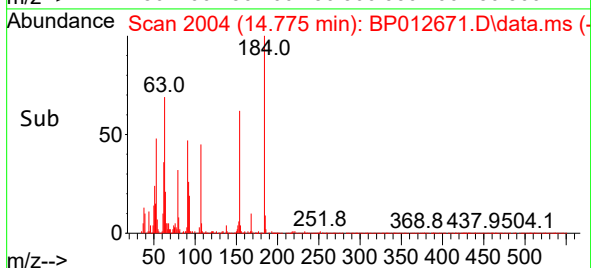
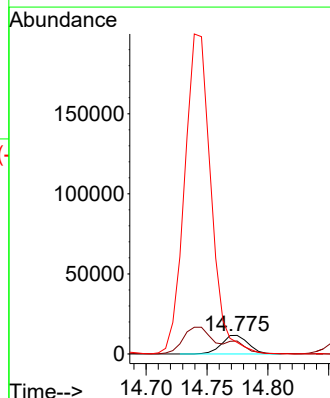
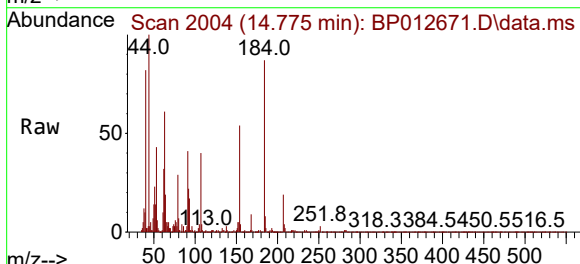
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

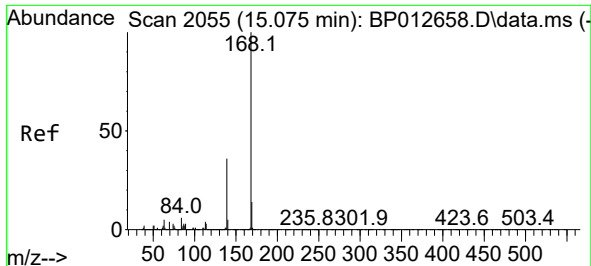
Tgt Ion:138 Resp: 51993
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 116.0 89.1 133.7



#54
2,4-Dinitrophenol
Concen: 3.364 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:184 Resp: 17704
Ion Ratio Lower Upper
184 100
63 69.9 48.0 72.0
154 61.9 47.1 70.7

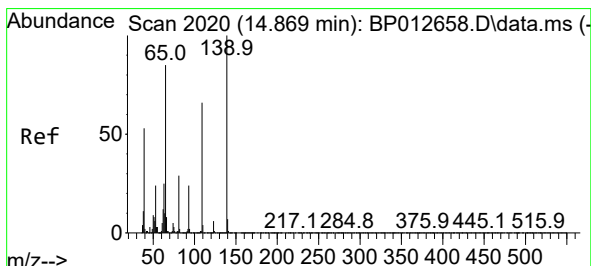
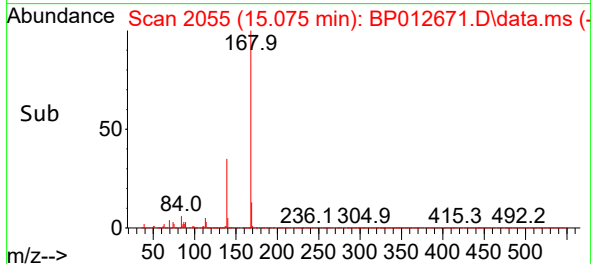
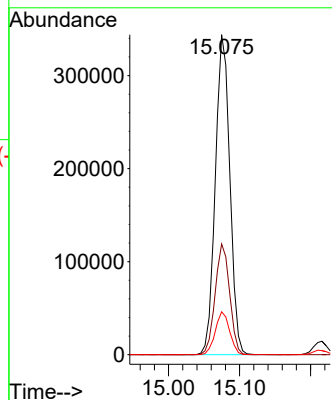
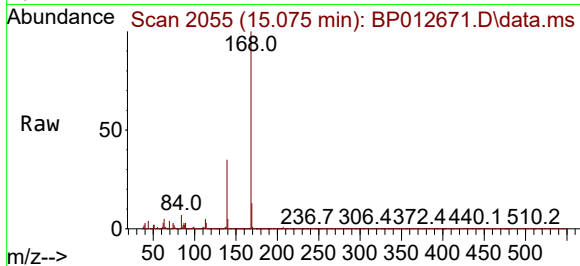




#55
Dibenzenofuran
Concen: 7.595 ng
RT: 15.075 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

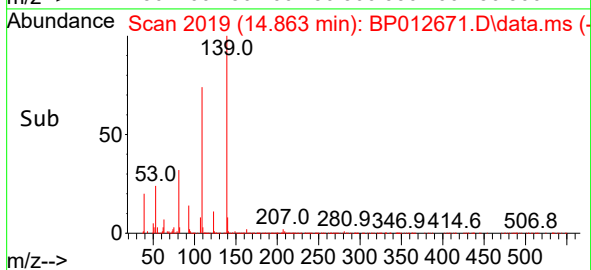
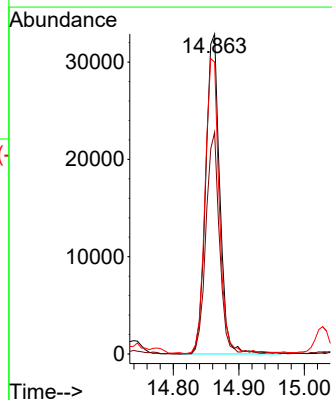
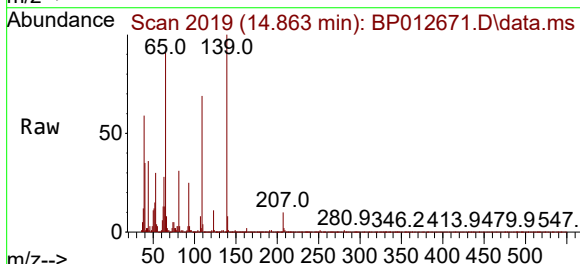
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2022

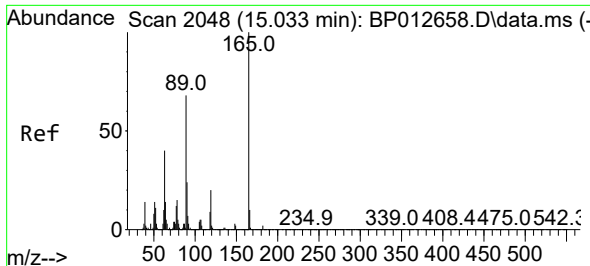
Tgt Ion:168 Resp: 486541
Ion Ratio Lower Upper
168 100
139 34.6 29.0 43.6
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 4.811 ng
RT: 14.863 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:139 Resp: 48870
Ion Ratio Lower Upper
139 100
109 69.3 45.7 85.7
65 91.2 65.4 105.4

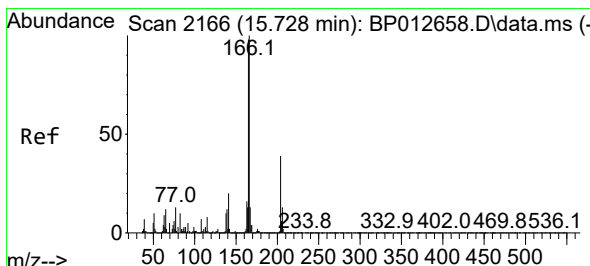
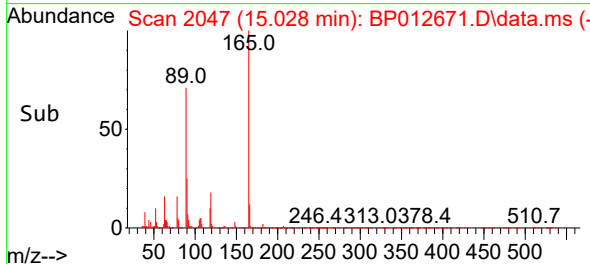
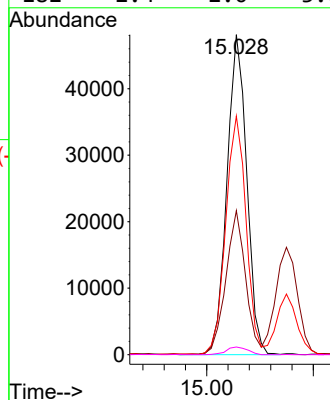
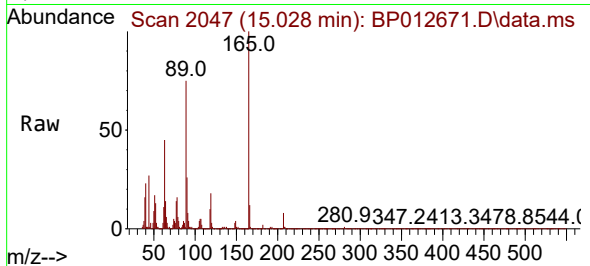




#57
2,4-Dinitrotoluene
Concen: 4.917 ng
RT: 15.028 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

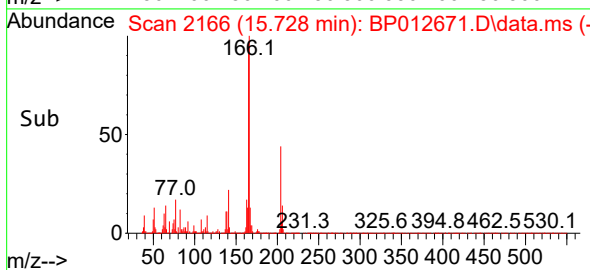
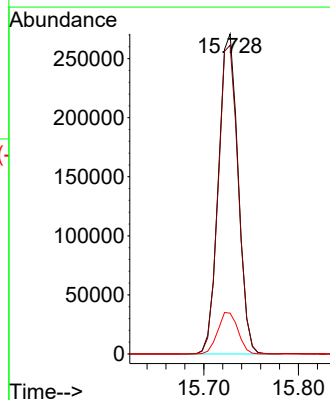
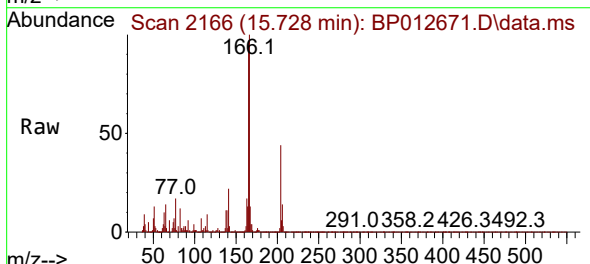
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

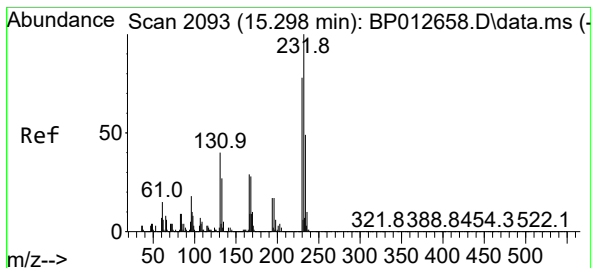
Tgt Ion:165 Resp: 61987
Ion Ratio Lower Upper
165 100
63 45.0 32.0 48.0
89 74.6 54.1 81.1
182 2.4 2.0 3.0



#58
Fluorene
Concen: 7.731 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:166 Resp: 389800
Ion Ratio Lower Upper
166 100
165 96.5 78.8 118.2
167 12.8 10.8 16.2

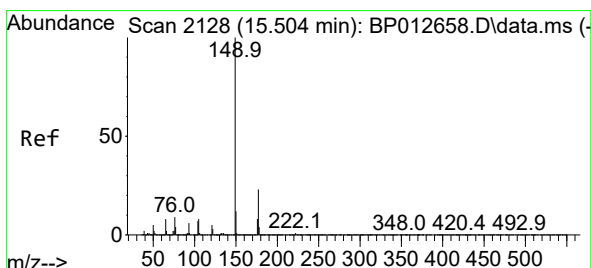
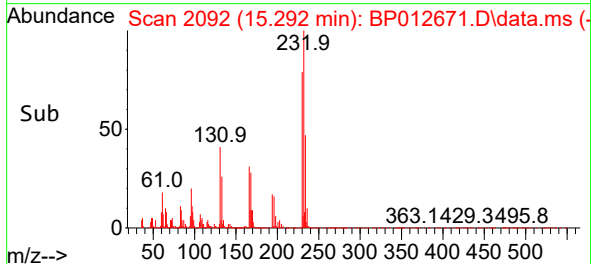
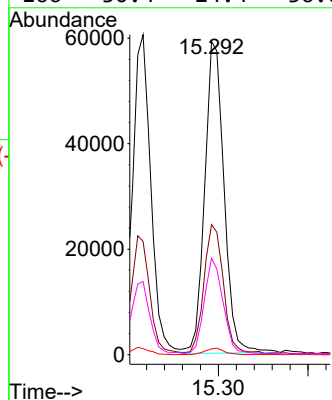
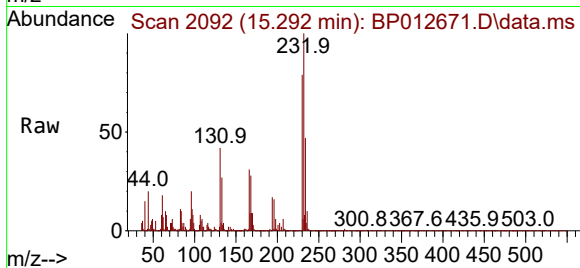




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.231 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

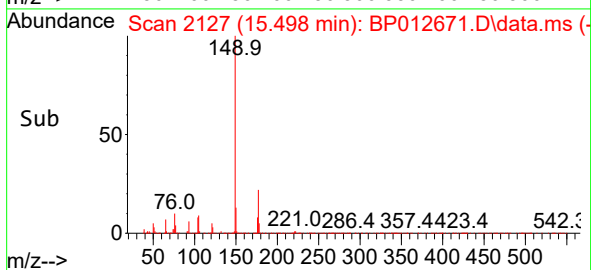
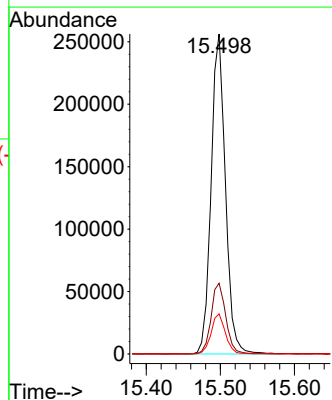
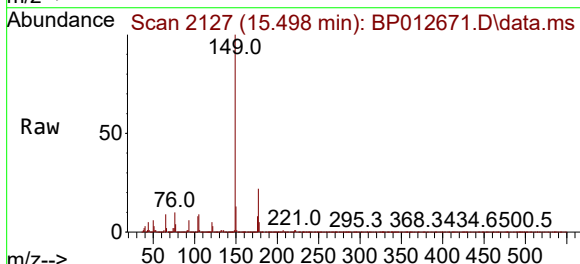
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

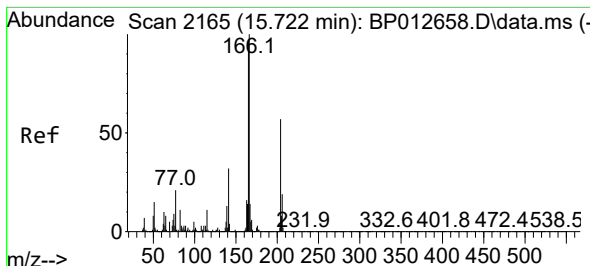
Tgt Ion:232	Resp:	88422
Ion Ratio	Lower	Upper
232	100	
131	41.6	34.3 51.5
130	2.0	1.8 2.6
166	30.4	24.4 36.6



#60
Diethylphthalate
Concen: 6.448 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:149	Resp:	342784
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.2 27.4
150	12.6	9.8 14.6

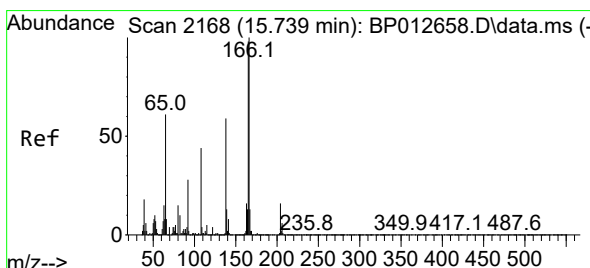
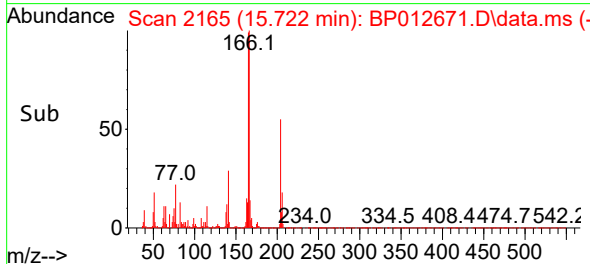
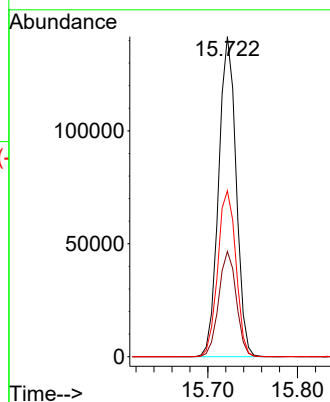
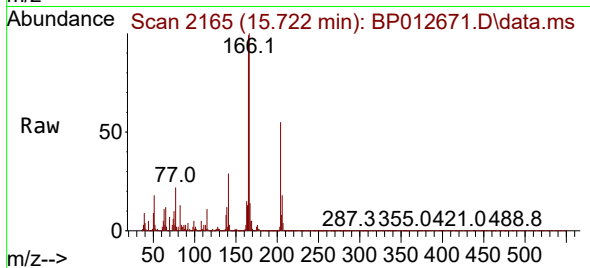




#61
4-Chlorophenyl-phenylether
Concen: 7.906 ng
RT: 15.722 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

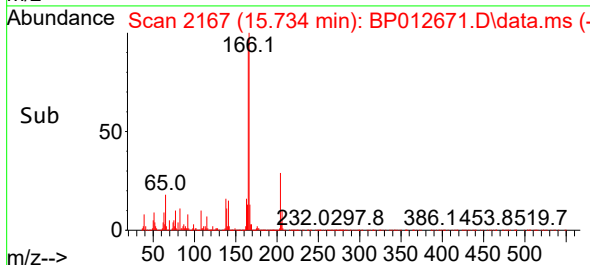
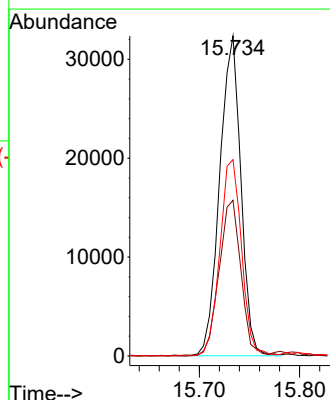
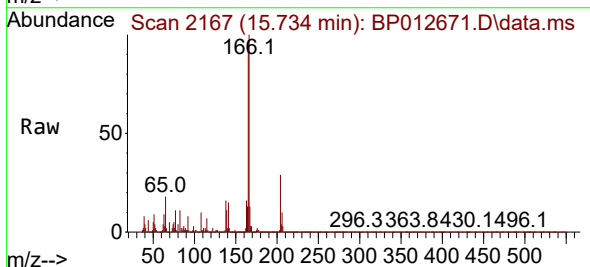
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

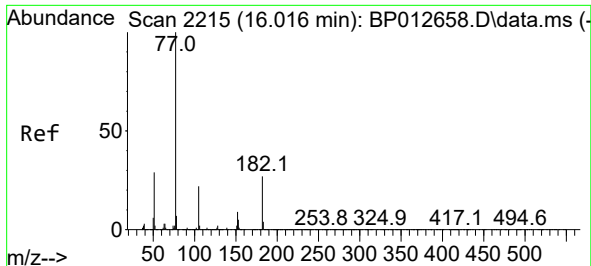
Tgt Ion:204 Resp: 191608
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 51.8 44.3 66.5



#62
4-Nitroaniline
Concen: 4.459 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:138 Resp: 47339
Ion Ratio Lower Upper
138 100
92 48.7 28.2 68.2
108 61.3 53.7 93.7

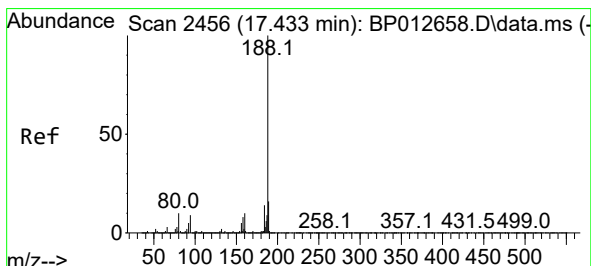
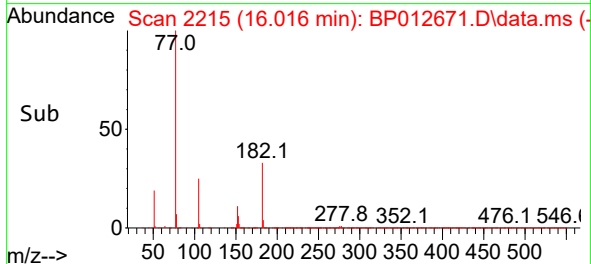
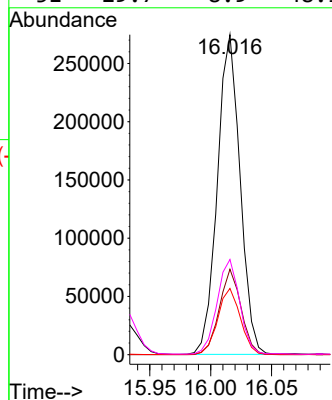
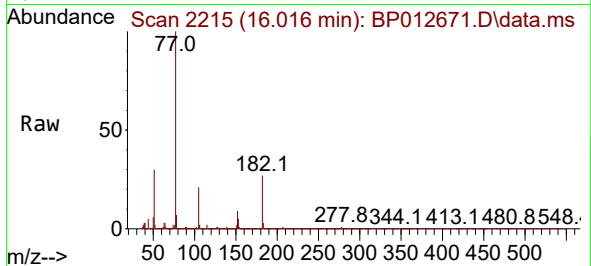




#63
Azobenzene
Concen: 7.335 ng
RT: 16.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

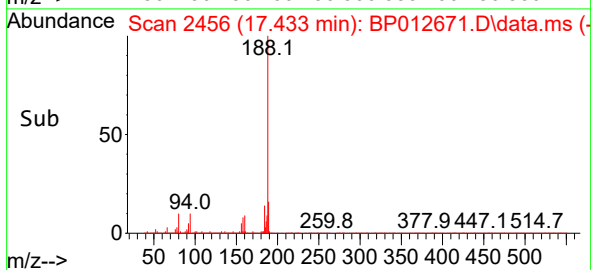
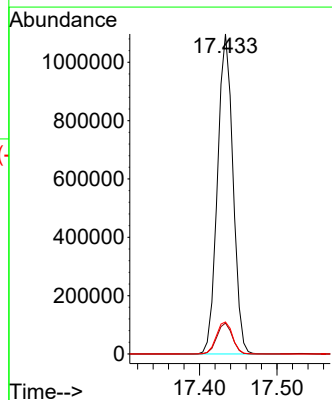
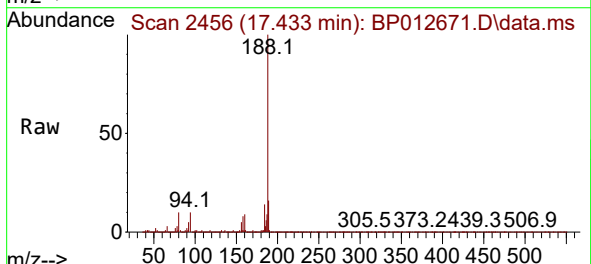
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

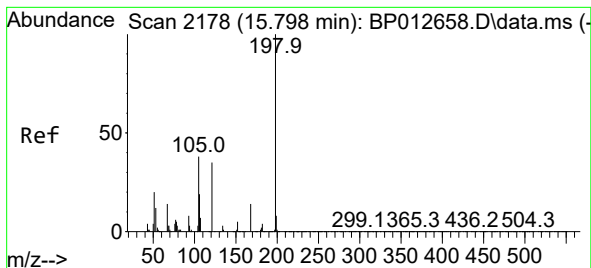
Tgt Ion: 77	Resp: 356259
Ion Ratio	Lower Upper
77 100	
182 26.7	7.1 47.1
105 20.7	1.9 41.9
51 29.7	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:188	Resp: 1523787		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.5	11.3	
80 10.0	8.2	12.2	

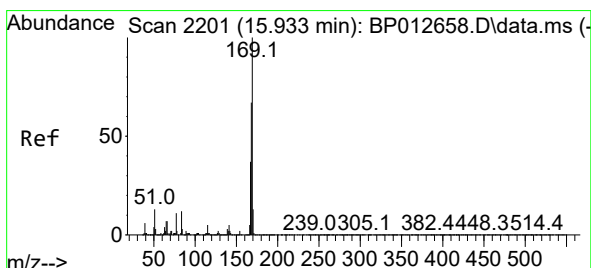
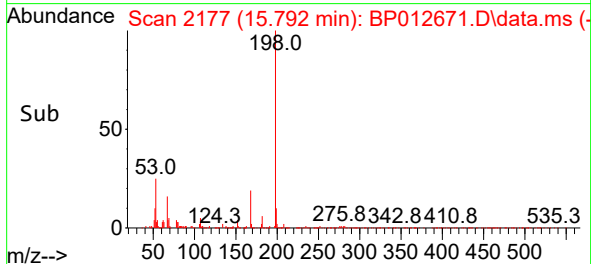
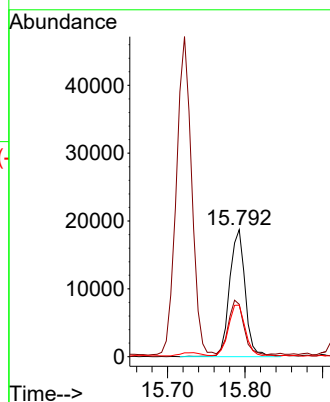
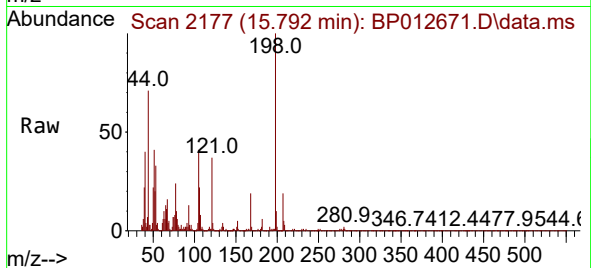




#65
4,6-Dinitro-2-methylphenol
Concen: 3.512 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

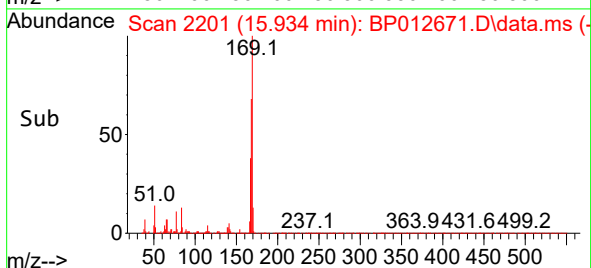
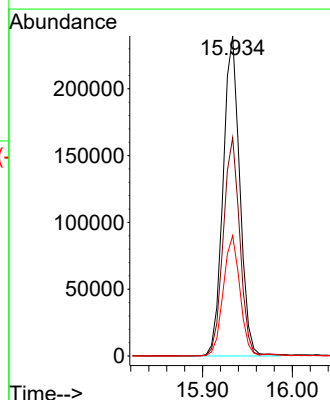
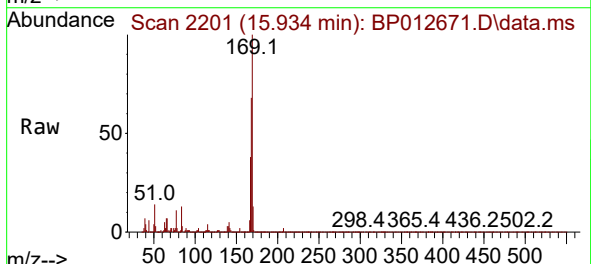
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

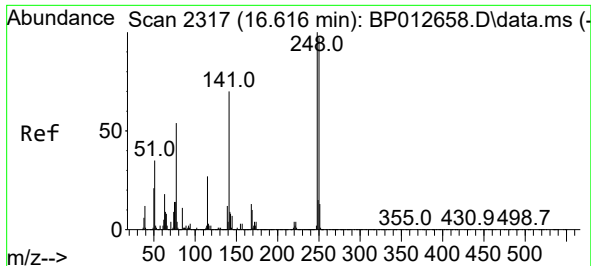
Tgt Ion:198 Resp: 26280
Ion Ratio Lower Upper
198 100
51 41.2 18.2 58.2
105 40.6 19.6 59.6



#66
n-Nitrosodiphenylamine
Concen: 6.794 ng
RT: 15.934 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:169 Resp: 308535
Ion Ratio Lower Upper
169 100
168 68.2 53.5 80.3
167 37.6 29.3 43.9

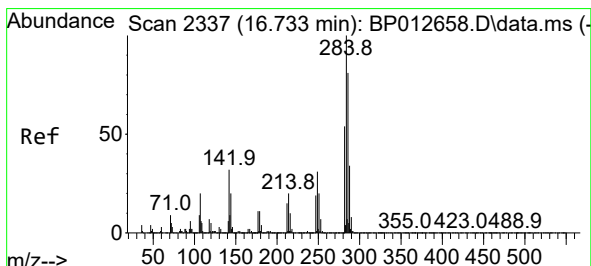
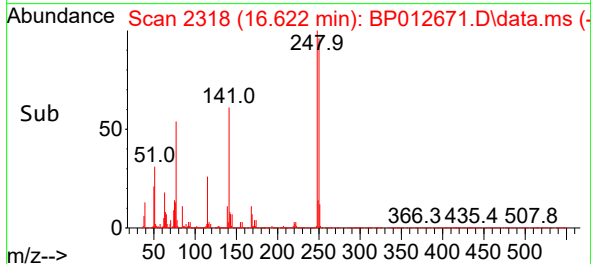
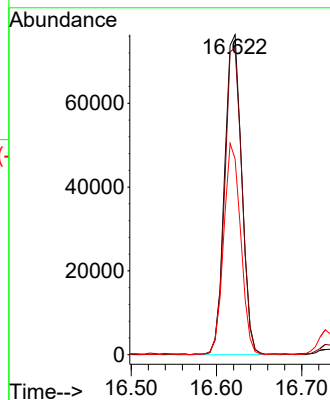
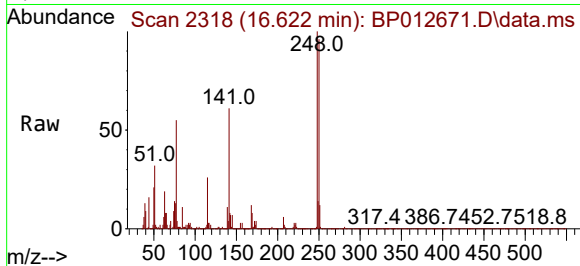




#67
4-Bromophenyl-phenylether
Concen: 6.680 ng
RT: 16.622 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

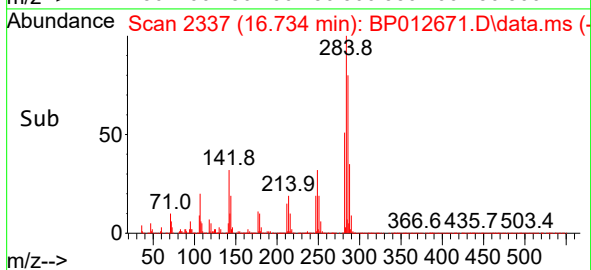
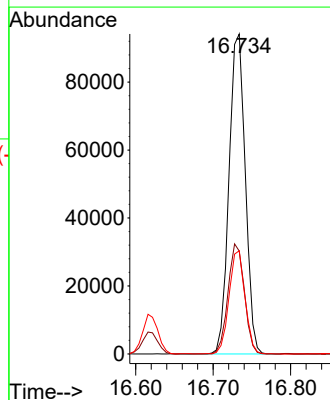
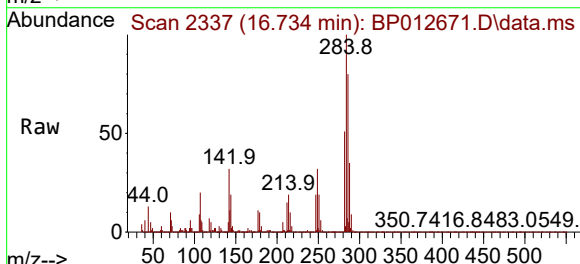
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

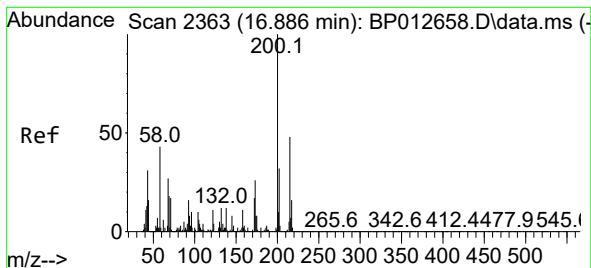
Tgt Ion:248 Resp: 106437
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 61.2 55.6 83.4



#68
Hexachlorobenzene
Concen: 7.443 ng
RT: 16.734 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:284 Resp: 137528
Ion Ratio Lower Upper
284 100
142 32.1 25.8 38.6
249 32.2 25.0 37.4





#69

Atrazine

Concen: 6.395 ng

RT: 16.886 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

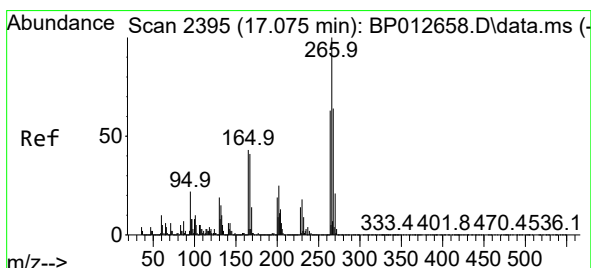
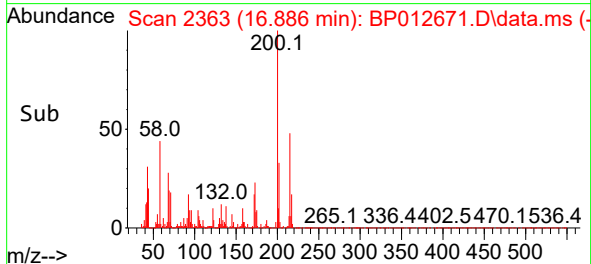
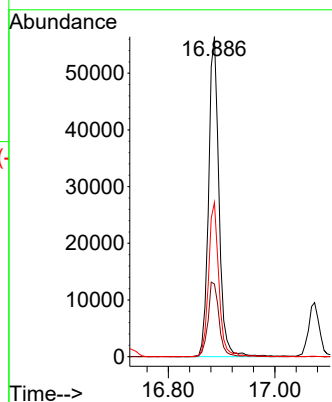
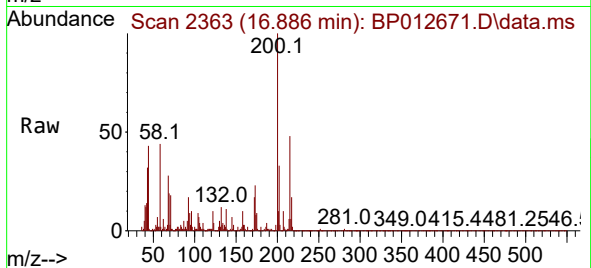
Tgt Ion:200 Resp: 76515

Ion Ratio Lower Upper

200 100

173 22.7 6.2 46.2

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 5.821 ng

RT: 17.075 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

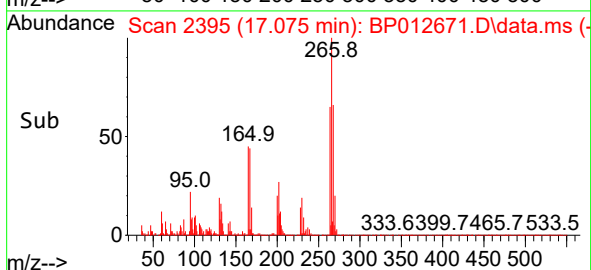
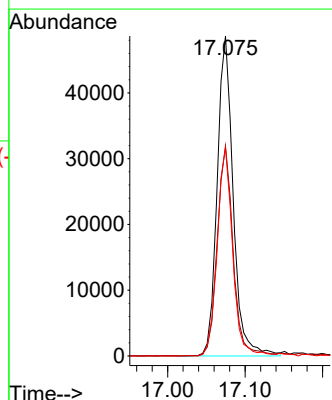
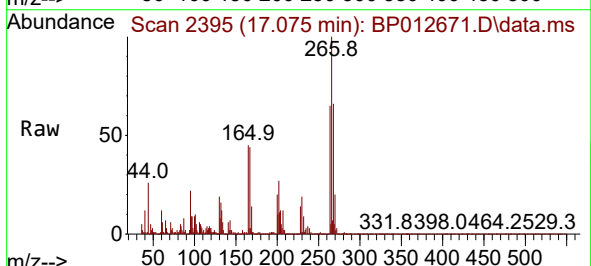
Tgt Ion:266 Resp: 69811

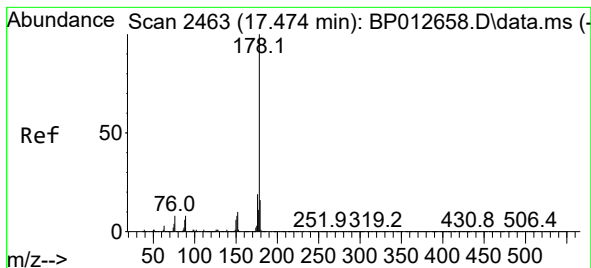
Ion Ratio Lower Upper

266 100

268 65.7 51.4 77.0

264 65.1 50.6 75.8





#71

Phenanthrene

Concen: 7.367 ng

RT: 17.475 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

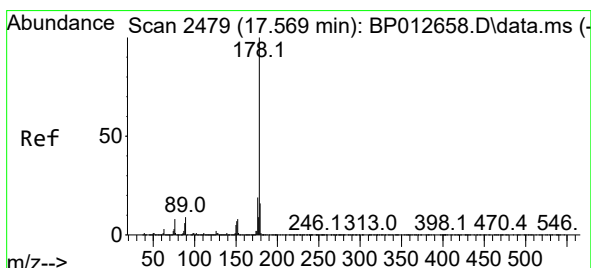
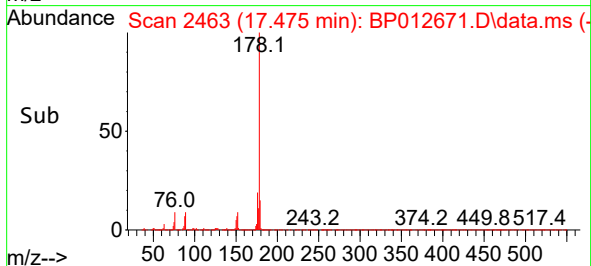
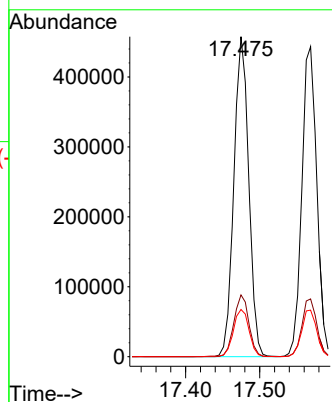
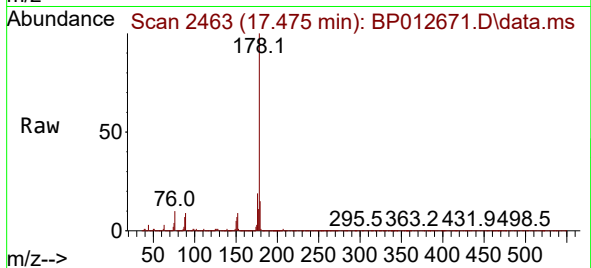
Tgt Ion:178 Resp: 636762

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 14.8 12.5 18.7



#72

Anthracene

Concen: 7.450 ng

RT: 17.569 min Scan# 2479

Delta R.T. -0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

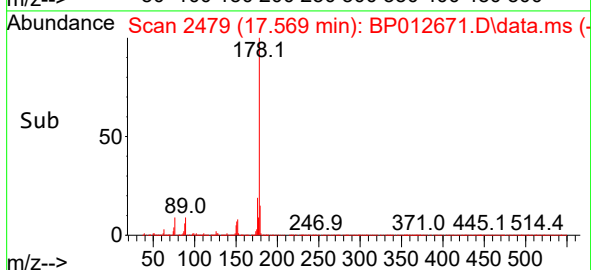
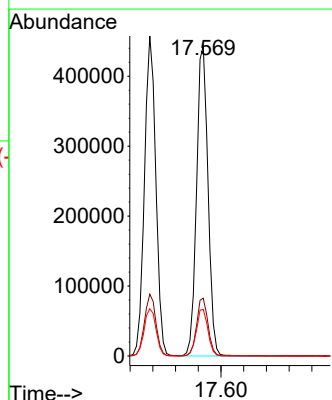
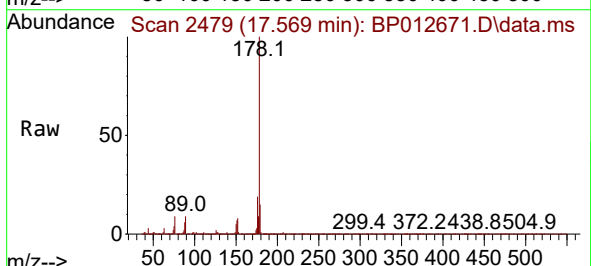
Tgt Ion:178 Resp: 621250

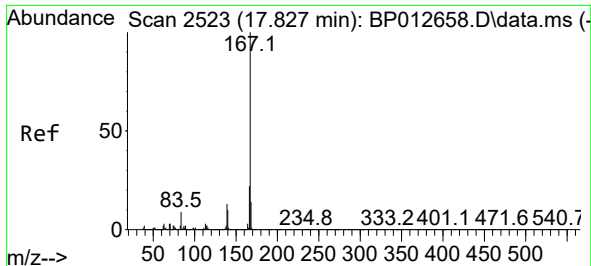
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.0 12.8 19.2

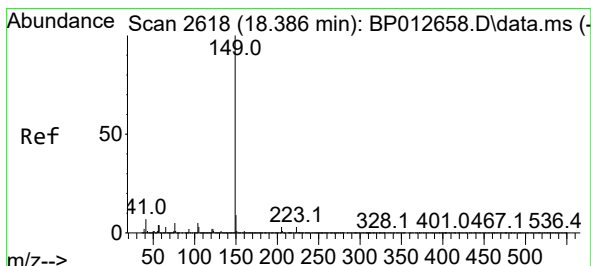
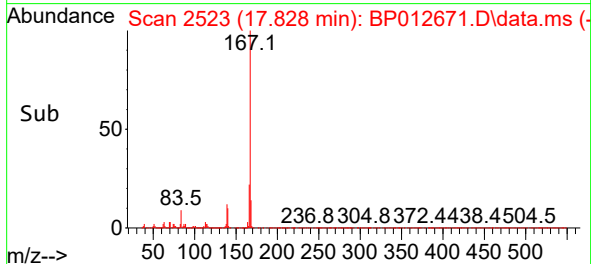
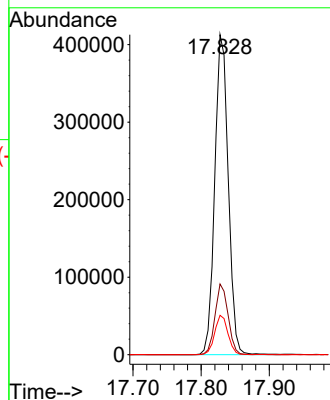
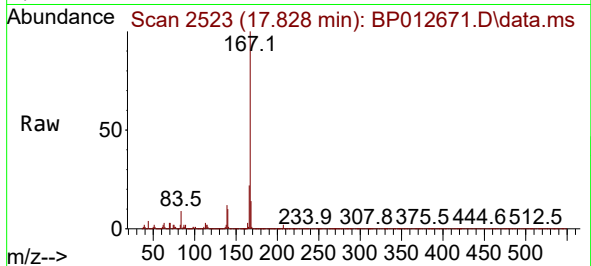




#73
 Carbazole
 Concen: 7.181 ng
 RT: 17.828 min Scan# 2523
 Delta R.T. 0.000 min
 Lab File: BP012671.D
 Acq: 18 Nov 2022 13:33

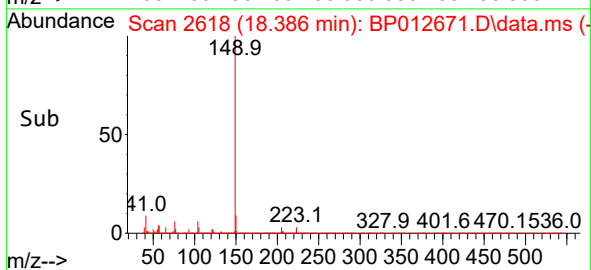
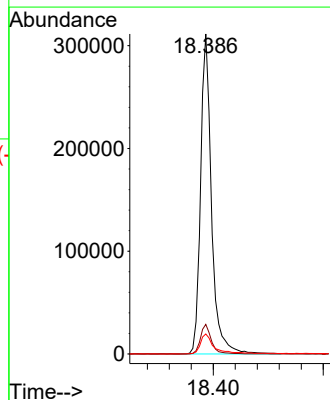
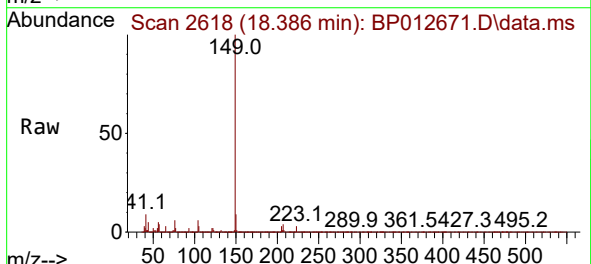
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

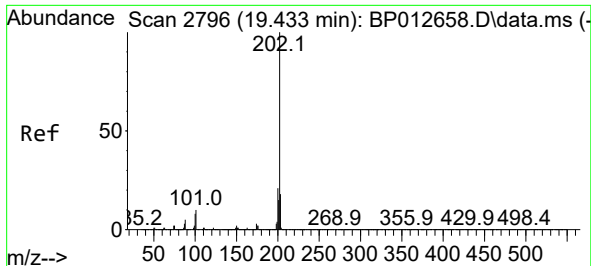
Tgt Ion:167 Resp: 568747
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 5.212 ng
 RT: 18.386 min Scan# 2618
 Delta R.T. 0.000 min
 Lab File: BP012671.D
 Acq: 18 Nov 2022 13:33

Tgt Ion:149 Resp: 430377
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.3 4.0 6.0#

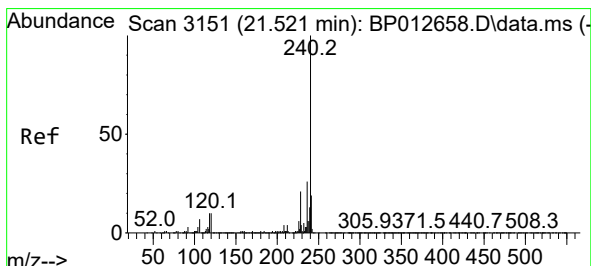
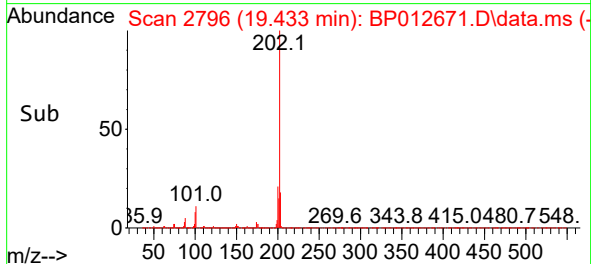
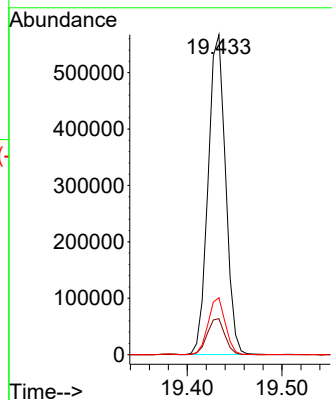
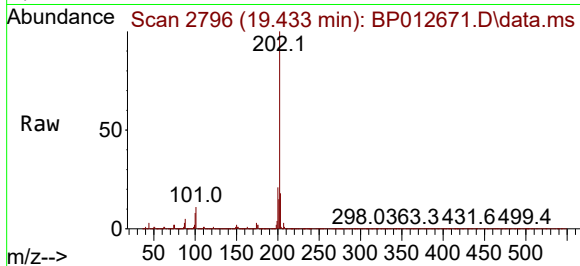




#75
Fluoranthene
Concen: 7.067 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

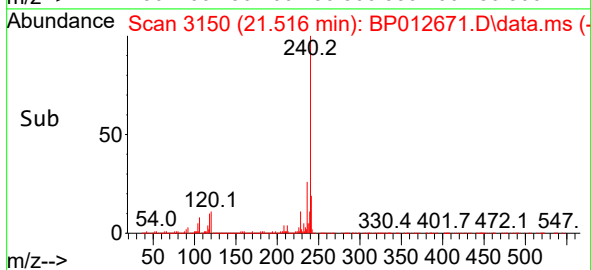
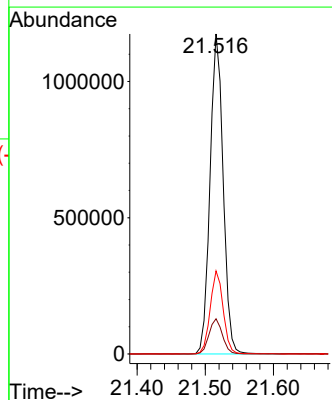
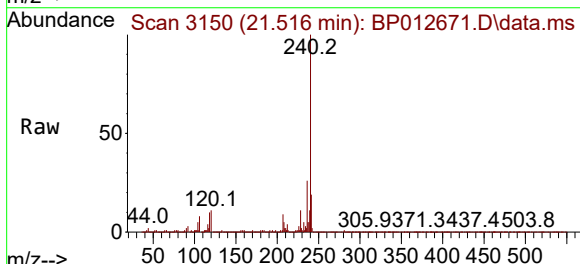
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

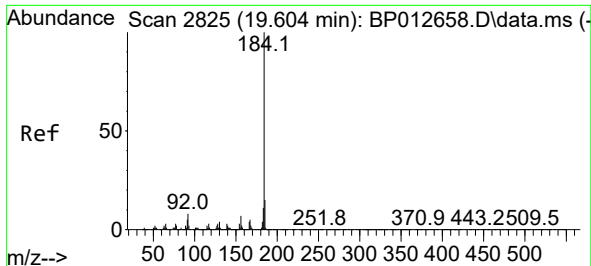
Tgt Ion:202 Resp: 723607
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:240 Resp: 1574760
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 26.0 20.4 30.6

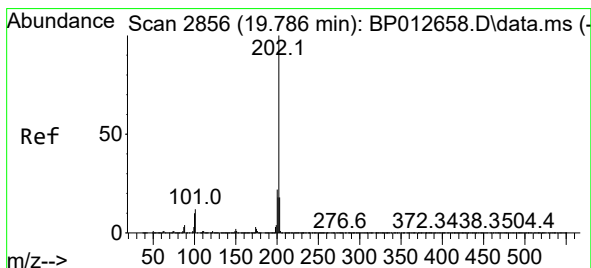
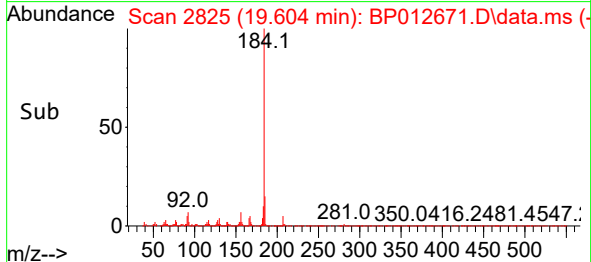
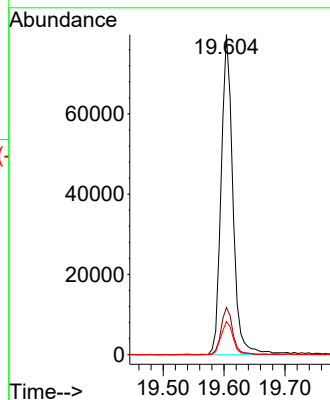
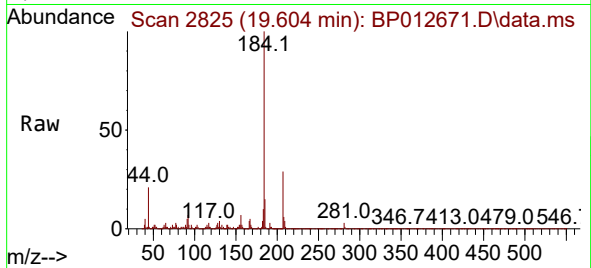




#77
Benzidine
Concen: 4.916 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

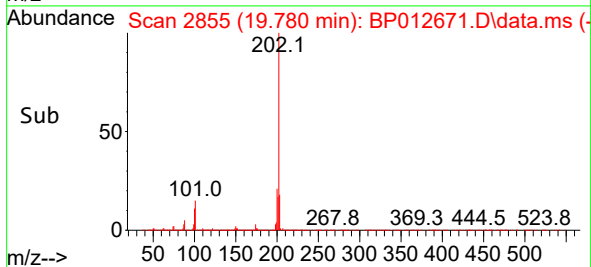
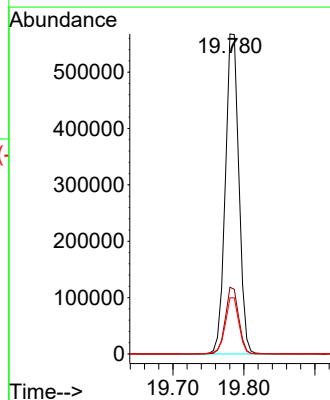
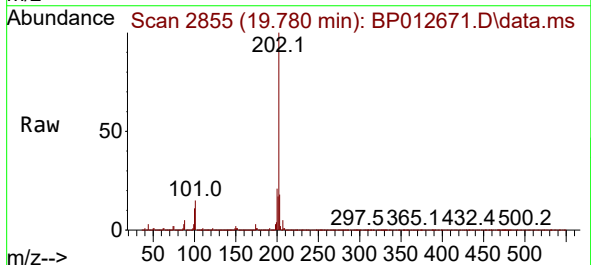
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

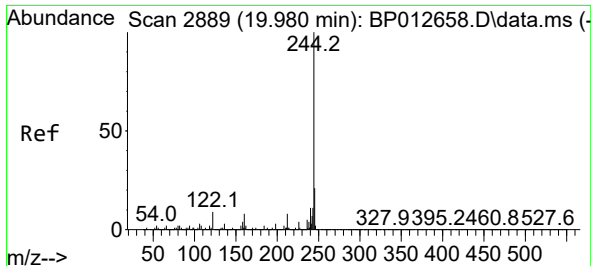
Tgt Ion:184 Resp: 106414
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.3 9.0 13.4



#78
Pyrene
Concen: 6.723 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:202 Resp: 748170
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.0
203 17.6 14.3 21.5

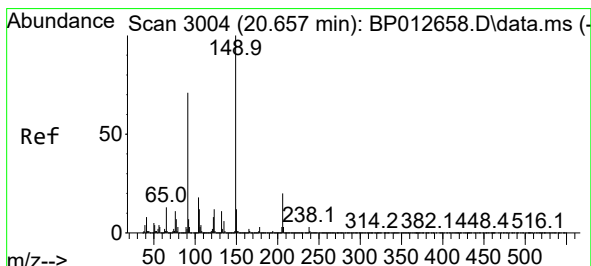
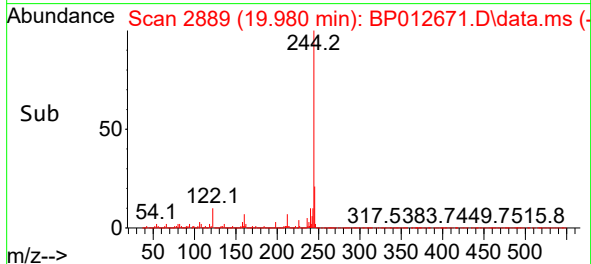
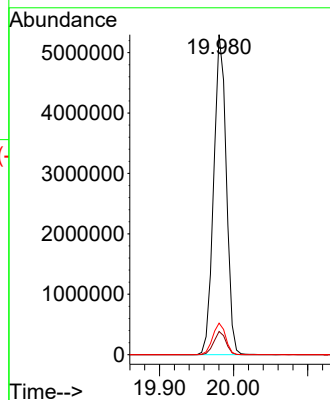
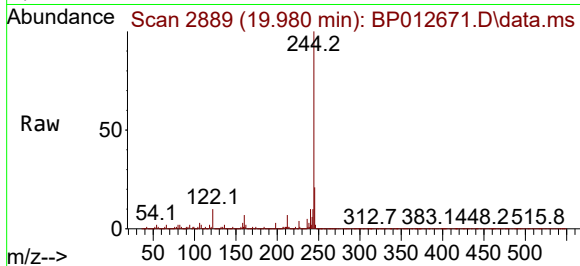




#79
 Terphenyl-d14
 Concen: 85.697 ng
 RT: 19.980 min Scan# 2889
 Delta R.T. 0.000 min
 Lab File: BP012671.D
 Acq: 18 Nov 2022 13:33

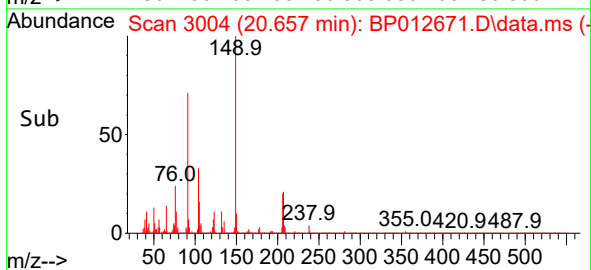
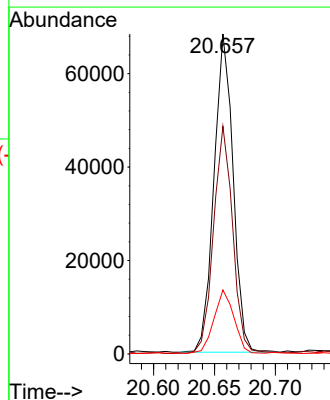
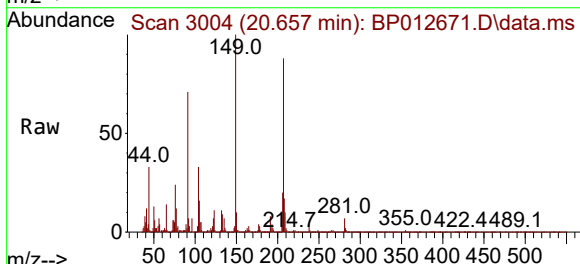
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

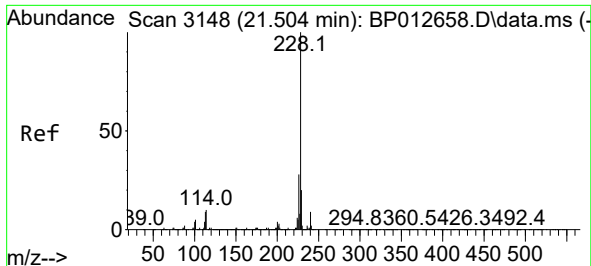
Tgt Ion:244 Resp: 6245988
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 9.8 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 3.702 ng
 RT: 20.657 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP012671.D
 Acq: 18 Nov 2022 13:33

Tgt Ion:149 Resp: 74357
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.9 85.3
 206 20.0 16.1 24.1

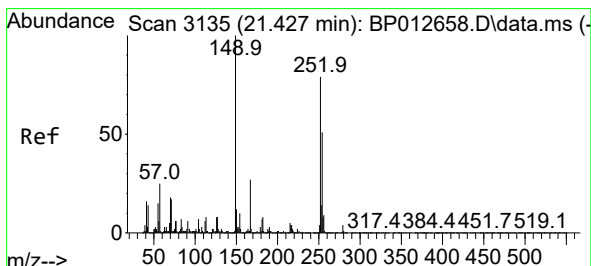
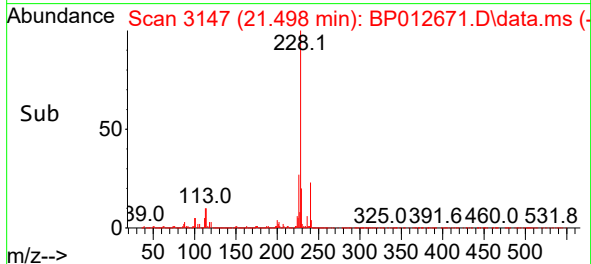
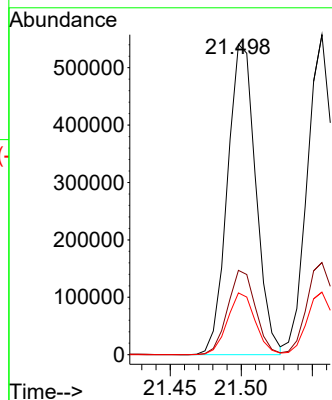
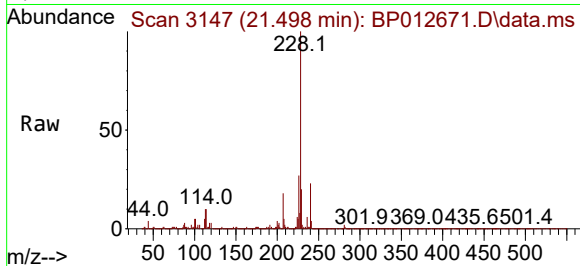




#81
Benzo(a)anthracene
Concen: 6.816 ng
RT: 21.498 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

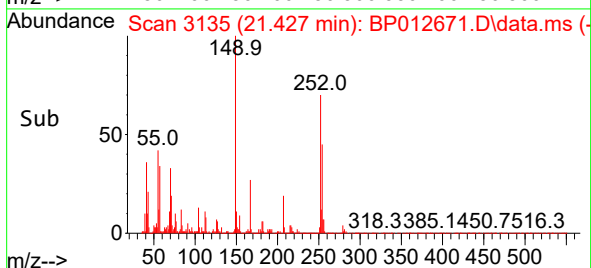
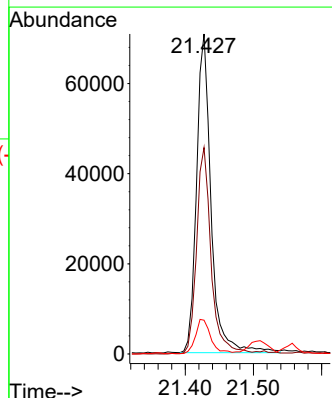
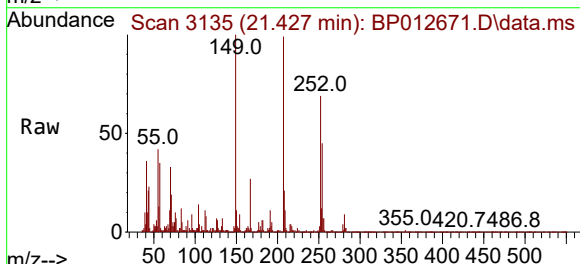
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

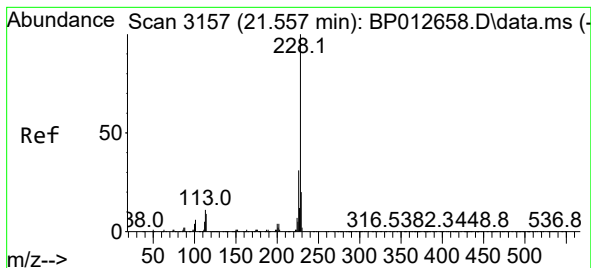
Tgt Ion:228 Resp: 752467
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 3.773 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:252 Resp: 104841
Ion Ratio Lower Upper
252 100
254 64.5 51.9 77.9
126 10.6 8.2 12.4





#83

Chrysene

Concen: 7.015 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

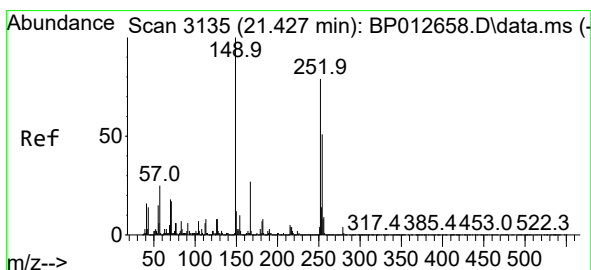
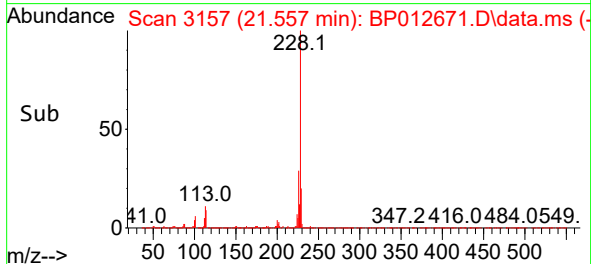
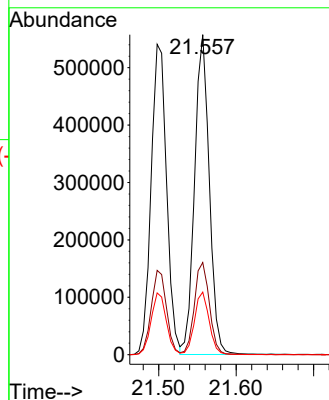
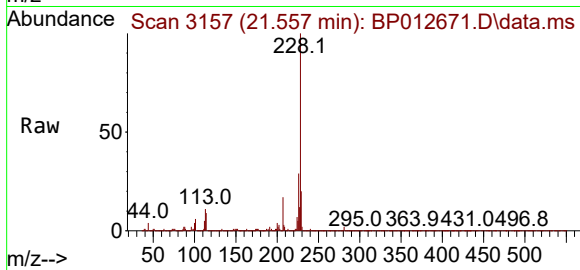
Tgt Ion:228 Resp: 734347

Ion Ratio Lower Upper

228 100

226 28.8 24.6 36.8

229 19.6 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.482 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

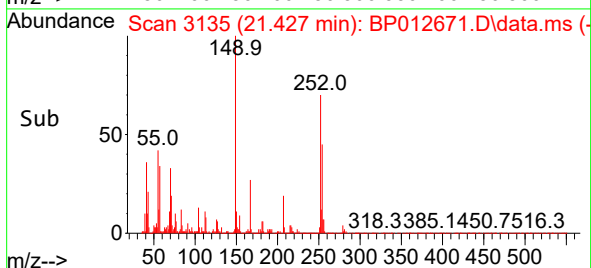
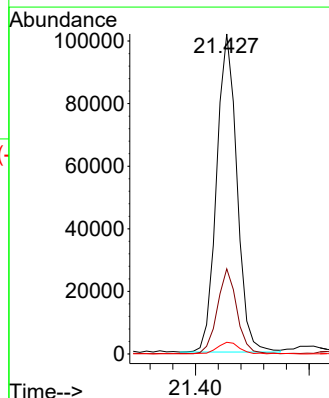
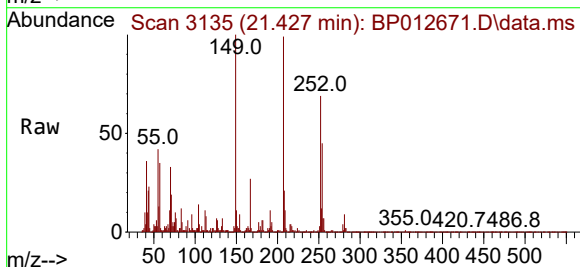
Tgt Ion:149 Resp: 126738

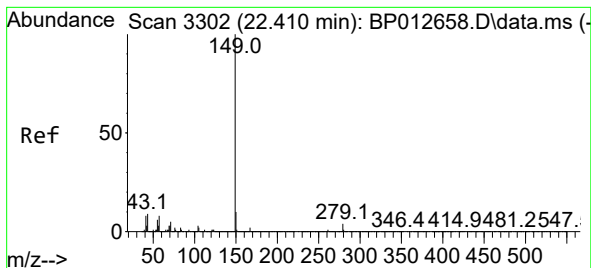
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 2.820 ng

RT: 22.404 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

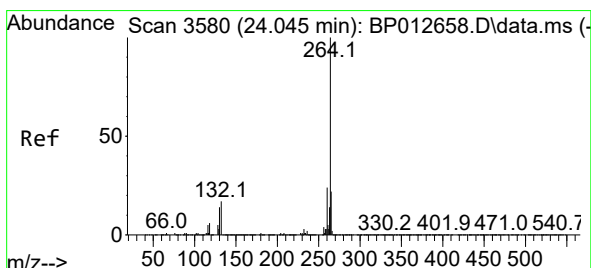
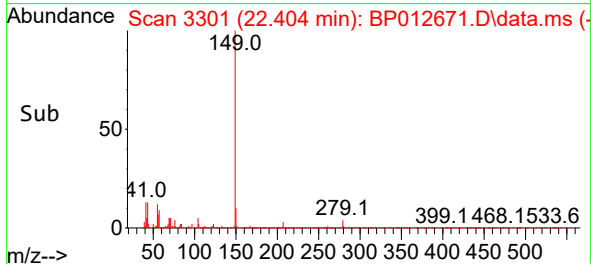
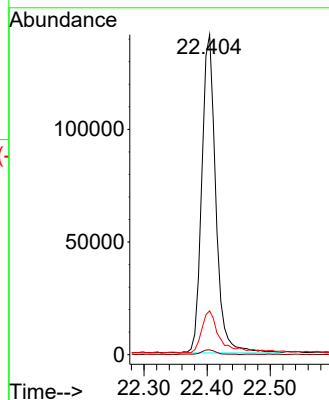
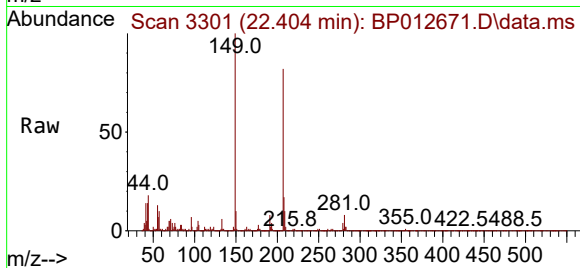
Tgt Ion:149 Resp: 217142

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 16.4 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.045 min Scan# 3580

Delta R.T. 0.000 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

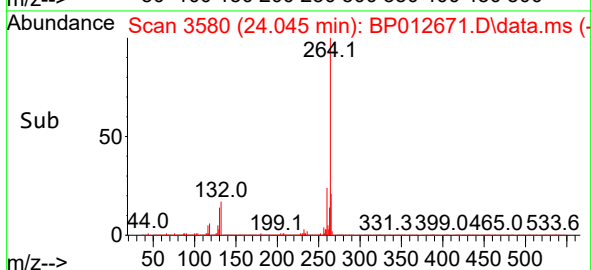
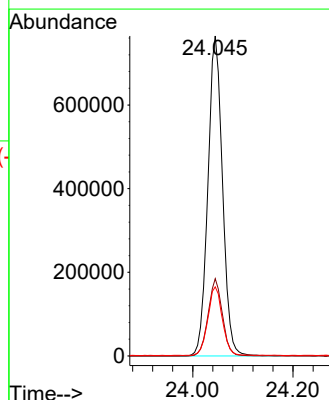
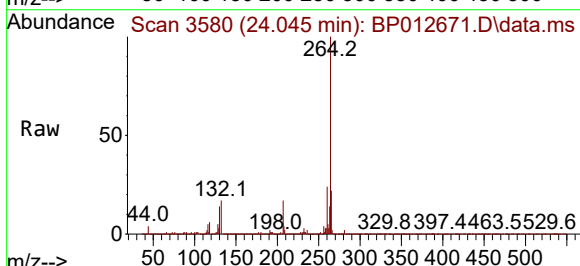
Tgt Ion:264 Resp: 1547321

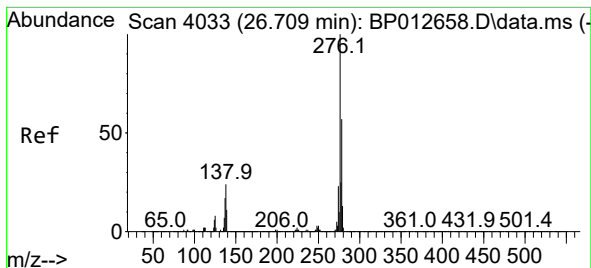
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.253 ng

RT: 26.698 min Scan# 4033

Delta R.T. -0.012 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

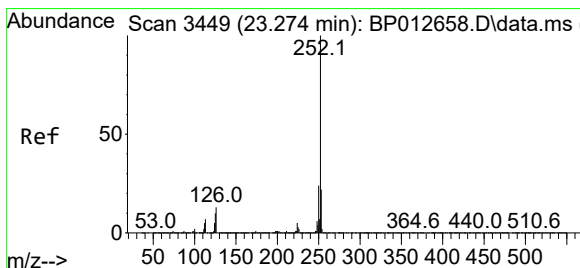
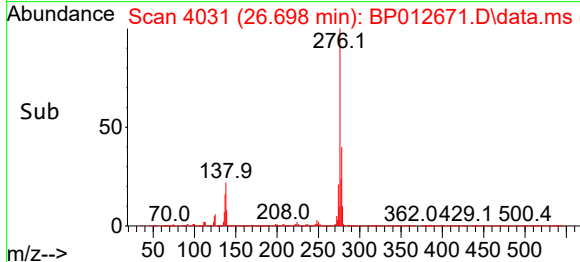
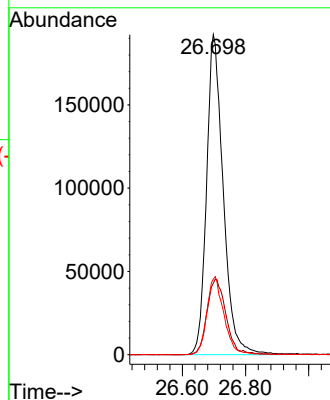
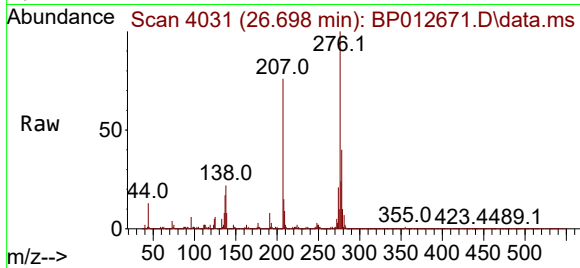
Tgt Ion:276 Resp: 704338

Ion Ratio Lower Upper

276 100

138 26.7 20.8 31.2

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 6.690 ng

RT: 23.268 min Scan# 3448

Delta R.T. -0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

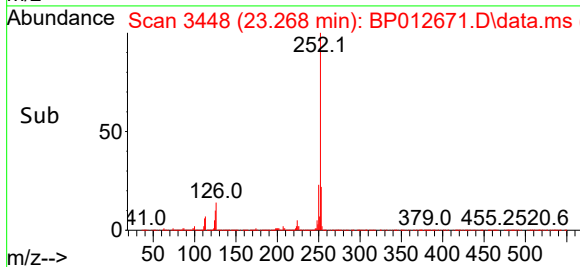
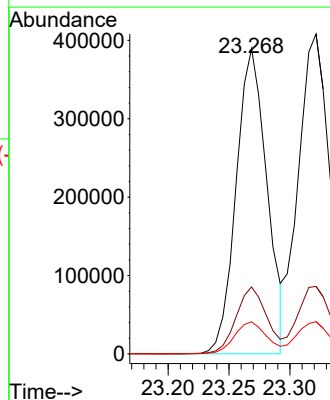
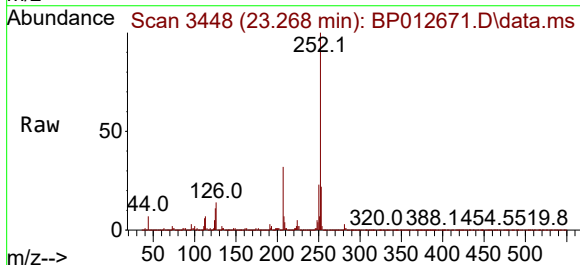
Tgt Ion:252 Resp: 685336

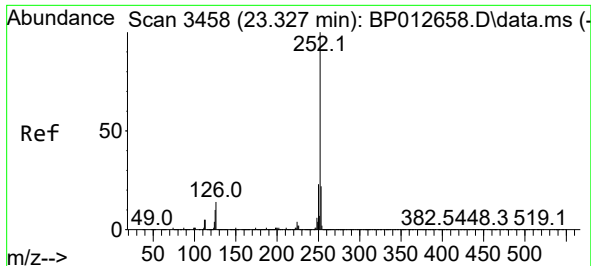
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.5 7.9 11.9

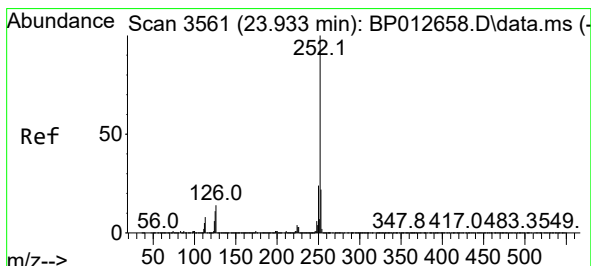
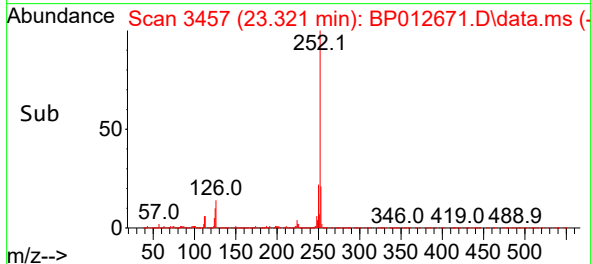
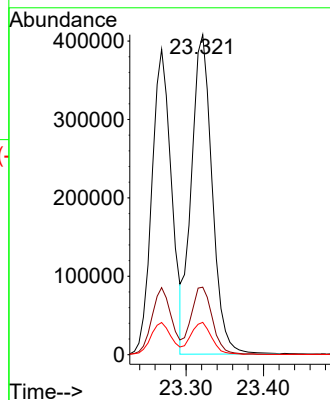
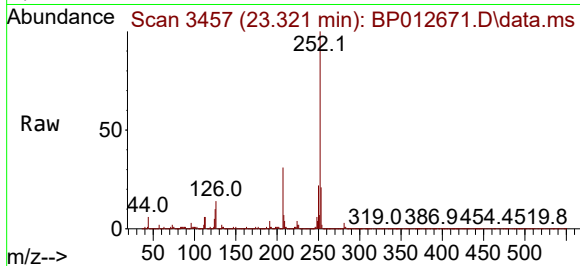




#89
Benzo(k)fluoranthene
Concen: 7.455 ng
RT: 23.321 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

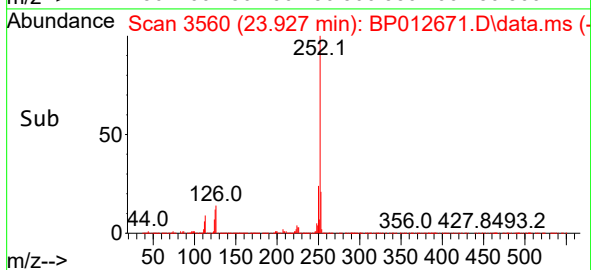
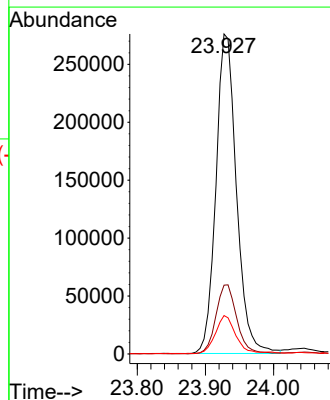
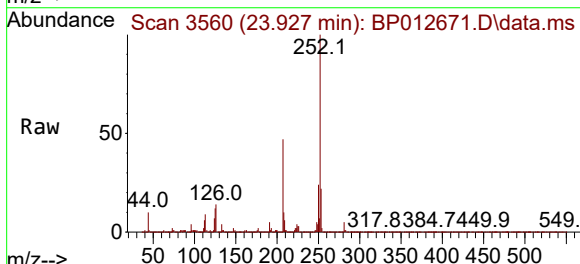
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

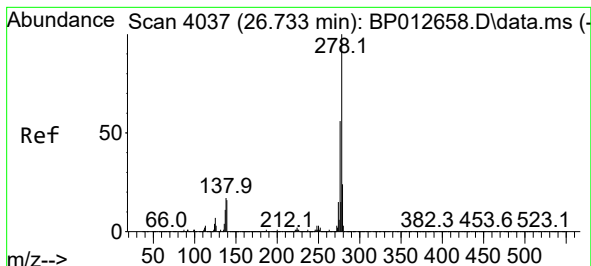
Tgt Ion:252 Resp: 758805
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.1 7.9 11.9



#90
Benzo(a)pyrene
Concen: 6.813 ng
RT: 23.927 min Scan# 3560
Delta R.T. -0.006 min
Lab File: BP012671.D
Acq: 18 Nov 2022 13:33

Tgt Ion:252 Resp: 579163
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 6.762 ng

RT: 26.727 min Scan# 4037

Delta R.T. -0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2022

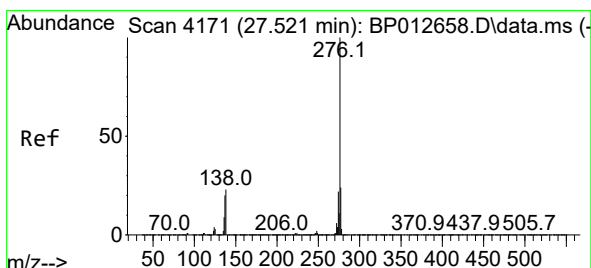
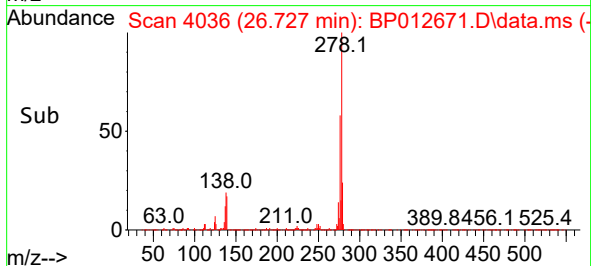
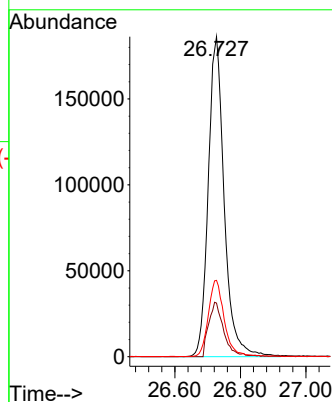
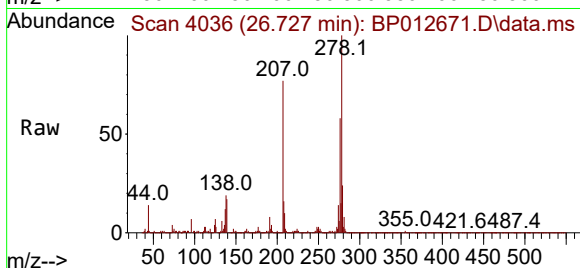
Tgt Ion:278 Resp: 629841

Ion Ratio Lower Upper

278 100

139 16.7 13.0 19.4

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 6.591 ng

RT: 27.515 min Scan# 4170

Delta R.T. -0.006 min

Lab File: BP012671.D

Acq: 18 Nov 2022 13:33

Tgt Ion:276 Resp: 596328

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.2

138 22.9 18.1 27.1

