

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011710.D
 Acq On : 15 Sep 2022 14:55
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ--SOIL-5NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Sep 15 15:50:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 15:22:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	345670	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1345449	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	755666	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1452904	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	1304869	20.000	ng	# 0.00
86) Perylene-d12	23.886	264	1259641	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2229518	117.400	ng	0.00
7) Phenol-d6	7.098	99	2894672	114.347	ng	0.00
23) Nitrobenzene-d5	9.110	82	1942072	85.606	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	687232	116.395	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4276393	87.967	ng	0.00
79) Terphenyl-d14	19.892	244	5405686	90.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	47558	5.687	ng	# 82
3) Pyridine	3.799	79	104849	4.349	ng	# 82
4) n-Nitrosodimethylamine	3.699	42	48480	5.245	ng	# 40
6) Aniline	7.269	93	170547	5.469	ng	90
8) 2-Chlorophenol	7.504	128	118037	5.242	ng	95
9) Benzaldehyde	7.081	77	105027	6.482	ng	93
10) Phenol	7.128	94	146712	5.153	ng	85
11) bis(2-Chloroethyl)ether	7.363	93	118032	5.204	ng	91
12) 1,3-Dichlorobenzene	7.981	146	137669	5.513	ng	93
13) 1,4-Dichlorobenzene	7.981	146	137669	5.421	ng	96
14) 1,2-Dichlorobenzene	8.298	146	129973	5.369	ng	97
15) Benzyl Alcohol	8.187	79	86874	4.807	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.481	45	161382	5.327	ng	92
17) 2-Methylphenol	8.387	107	85199	4.609	ng	# 91
18) Hexachloroethane	9.028	117	45525	5.183	ng	91
19) n-Nitroso-di-n-propyla...	8.757	70	76233	4.651	ng	# 86
20) 3+4-Methylphenols	8.716	107	110058	4.335	ng	90
22) Acetophenone	8.775	105	168944	5.356	ng	# 88
24) Nitrobenzene	9.151	77	131476	5.570	ng	92
25) Isophorone	9.681	82	195074	4.861	ng	95
26) 2-Nitrophenol	9.869	139	37162	3.838	ng	# 85
27) 2,4-Dimethylphenol	9.922	122	91895	5.477	ng	86
28) bis(2-Chloroethoxy)met...	10.169	93	149789	5.837	ng	97
29) 2,4-Dichlorophenol	10.404	162	81544	4.387	ng	94
30) 1,2,4-Trichlorobenzene	10.622	180	107537	5.226	ng	99
31) Naphthalene	10.810	128	370094	5.301	ng	99
32) Benzoic acid	9.981	122	22781	1.814	ng	88
33) 4-Chloroaniline	10.922	127	134248	4.901	ng	93
34) Hexachlorobutadiene	11.098	225	59296	5.231	ng	99
35) Caprolactam	11.692	113	19103	3.172	ng	# 80
36) 4-Chloro-3-methylphenol	12.034	107	85508	4.278	ng	95
37) 2-Methylnaphthalene	12.416	142	240277	5.142	ng	95
38) 1-Methylnaphthalene	12.634	142	227621	4.983	ng	98
40) 1,2,4,5-Tetrachloroben...	12.781	216	111720	5.602	ng	99
41) Hexachlorocyclopentadiene	12.763	237	58320	5.858	ng	98
43) 2,4,6-Trichlorophenol	13.022	196	55395	4.083	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011710.D
 Acq On : 15 Sep 2022 14:55
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ--SOIL-5NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Sep 15 15:50:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 15:22:58 2022
 Response via : Initial Calibration

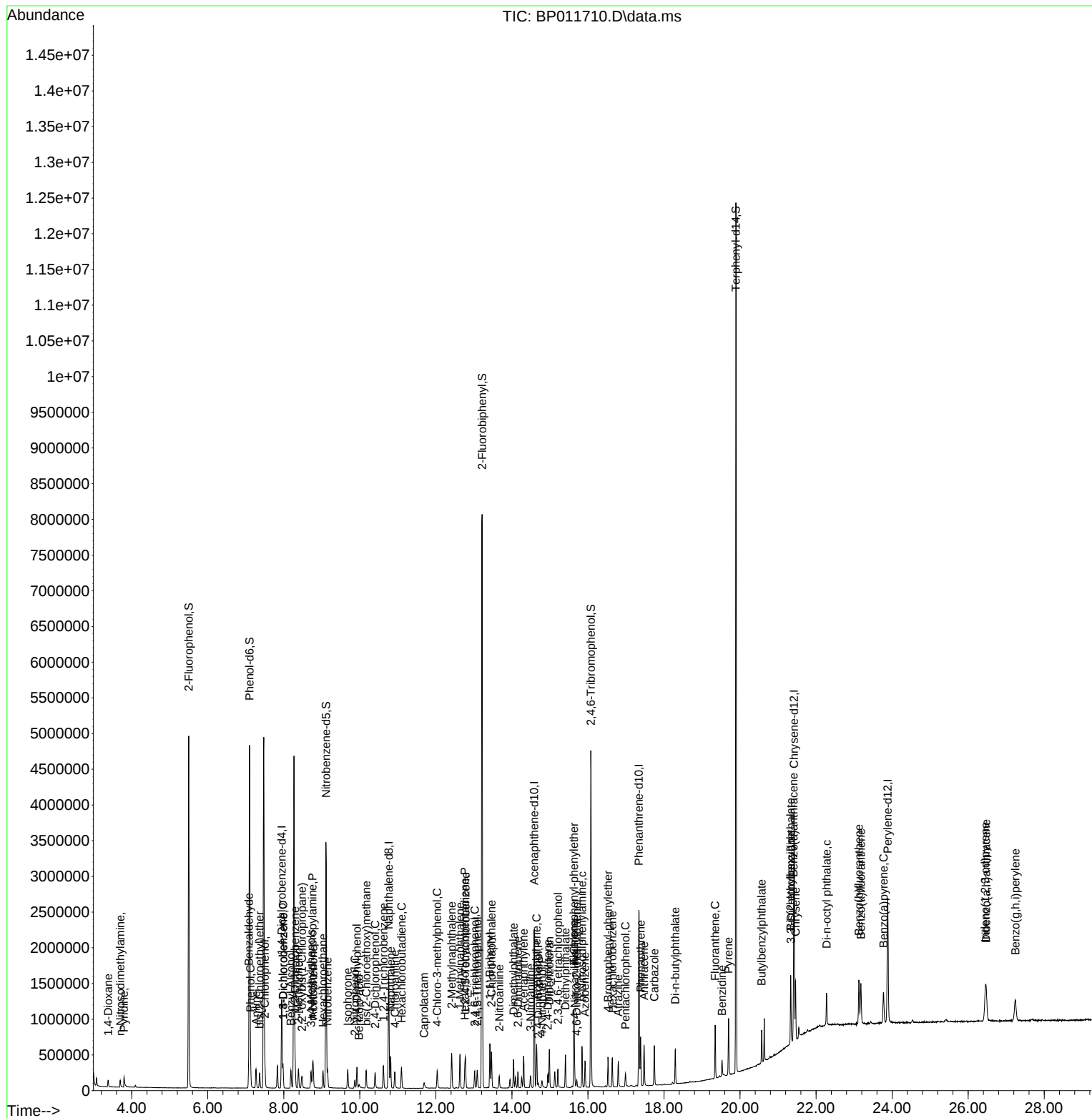
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	65159	4.296	ng	96
46) 1,1'-Biphenyl	13.422	154	317187	5.770	ng	99
47) 2-Chloronaphthalene	13.463	162	231046	5.342	ng	97
48) 2-Nitroaniline	13.669	65	44541	3.672	ng	90
49) Acenaphthylene	14.310	152	319218	4.770	ng	99
50) Dimethylphthalate	14.045	163	262846	4.986	ng	99
51) 2,6-Dinitrotoluene	14.157	165	41042	3.839	ng	95
52) Acenaphthene	14.651	154	223313	5.016	ng	94
53) 3-Nitroaniline	14.492	138	42657	3.460	ng #	98
54) 2,4-Dinitrophenol	14.692	184	13720	2.635	ng #	83
55) Dibenzofuran	14.986	168	341290	5.324	ng	98
56) 4-Nitrophenol	14.792	139	30630	2.949	ng	82
57) 2,4-Dinitrotoluene	14.945	165	46173	3.334	ng	96
58) Fluorene	15.633	166	265799	5.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	48531	3.895	ng	92
60) Diethylphthalate	15.410	149	248411	4.733	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	126612	5.268	ng	97
62) 4-Nitroaniline	15.651	138	40302	3.252	ng #	82
63) Azobenzene	15.922	77	219567	4.353	ng	91
65) 4,6-Dinitro-2-methylph...	15.704	198	19412	2.732	ng	93
66) n-Nitrosodiphenylamine	15.845	169	212682	4.920	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	66560	4.894	ng	94
68) Hexachlorobenzene	16.639	284	75905	5.182	ng	96
69) Atrazine	16.798	200	60050	4.551	ng	96
70) Pentachlorophenol	16.986	266	30431	3.275	ng	96
71) Phenanthrene	17.386	178	411100	5.200	ng	98
72) Anthracene	17.474	178	367855	4.920	ng	99
73) Carbazole	17.745	167	339878	4.818	ng	99
74) Di-n-butylphthalate	18.298	149	344490	4.052	ng	99
75) Fluoranthene	19.345	202	406851	4.772	ng	97
77) Benzidine	19.527	184	147866	4.765	ng	98
78) Pyrene	19.698	202	429081	4.875	ng	98
80) Butylbenzylphthalate	20.568	149	133303	3.614	ng	98
81) Benzo(a)anthracene	21.410	228	413263	4.914	ng	97
82) 3,3'-Dichlorobenzidine	21.339	252	121471	4.755	ng #	98
83) Chrysene	21.462	228	405582	5.047	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	191251	3.605	ng #	97
85) Di-n-octyl phthalate	22.274	149	296835	3.260	ng	97
87) Indeno(1,2,3-cd)pyrene	26.450	276	420273	4.631	ng #	89
88) Benzo(b)fluoranthene	23.127	252	396683	5.092	ng #	94
89) Benzo(k)fluoranthene	23.180	252	407038	5.185	ng #	95
90) Benzo(a)pyrene	23.774	252	320810	4.985	ng #	95
91) Dibenzo(a,h)anthracene	26.474	278	377314	5.007	ng #	94
92) Benzo(g,h,i)perylene	27.244	276	376182	5.121	ng #	91

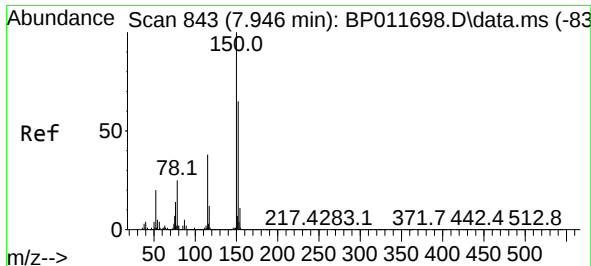
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011710.D
 Acq On : 15 Sep 2022 14:55
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ--SOIL-5NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Sep 15 15:50:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 15:22:58 2022
 Response via : Initial Calibration

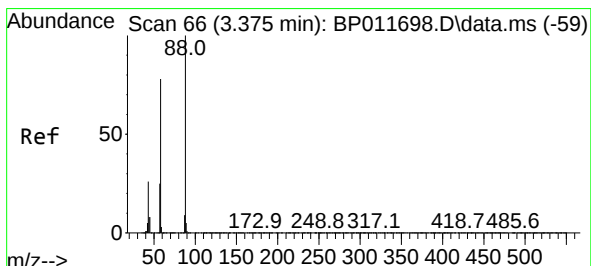
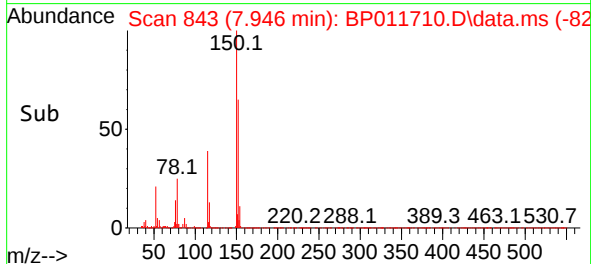
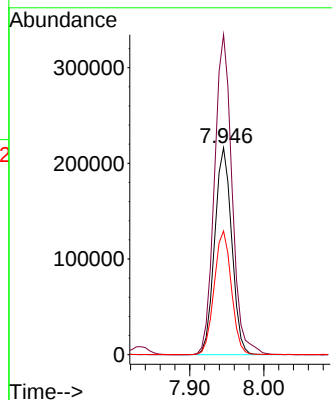
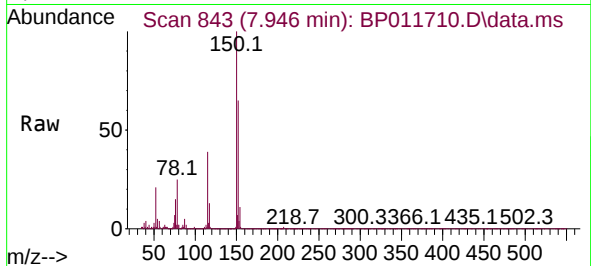




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

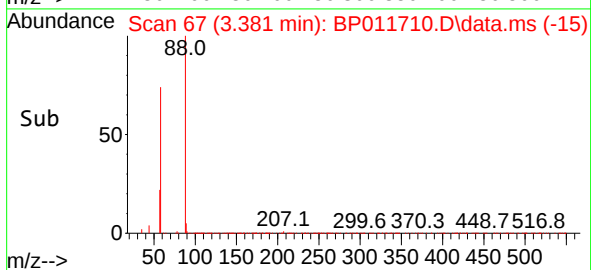
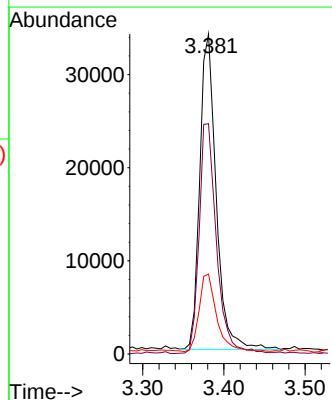
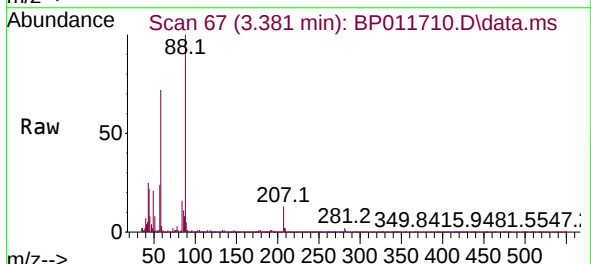
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

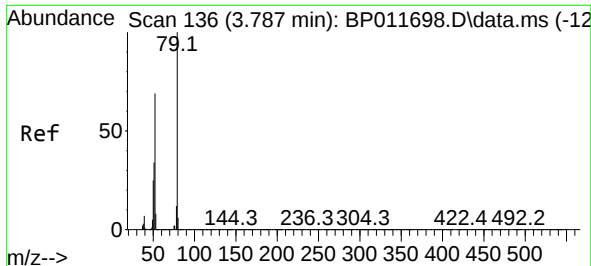
Tgt Ion:152 Resp: 345670
Ion Ratio Lower Upper
152 100
150 154.6 123.4 185.2
115 59.7 51.3 76.9



#2
1,4-Dioxane
Concen: 5.687 ng
RT: 3.381 min Scan# 67
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 88 Resp: 47558
Ion Ratio Lower Upper
88 100
58 77.0 74.5 111.7
43 26.0 31.5 47.3#





#3

Pyridine

Concen: 4.349 ng

RT: 3.799 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

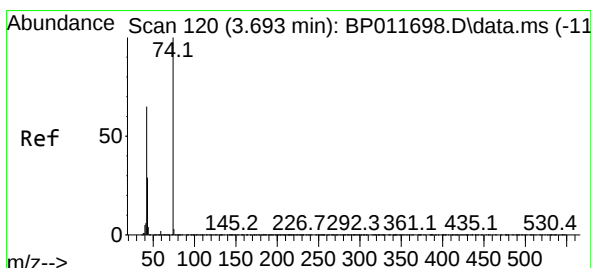
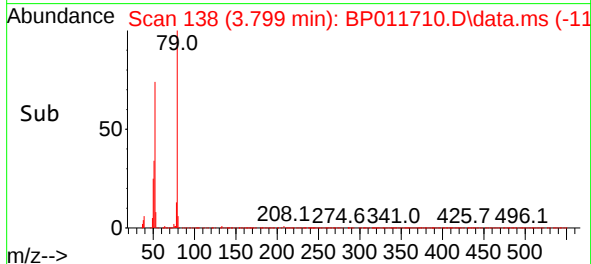
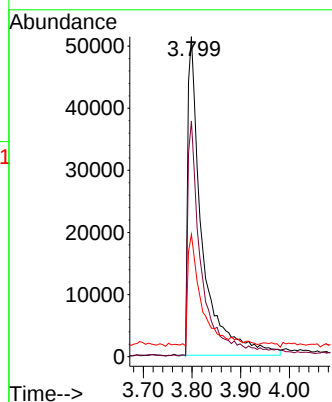
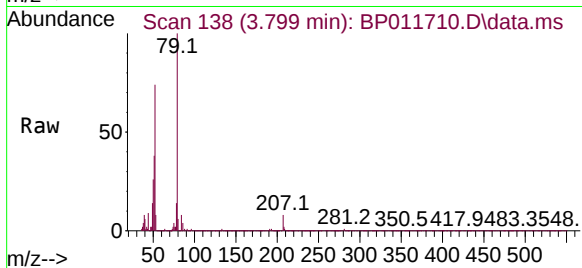
Tgt Ion: 79 Resp: 104849

Ion Ratio Lower Upper

79 100

52 73.7 73.5 110.3

51 38.2 38.6 57.8#



#4

n-Nitrosodimethylamine

Concen: 5.245 ng

RT: 3.699 min Scan# 121

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

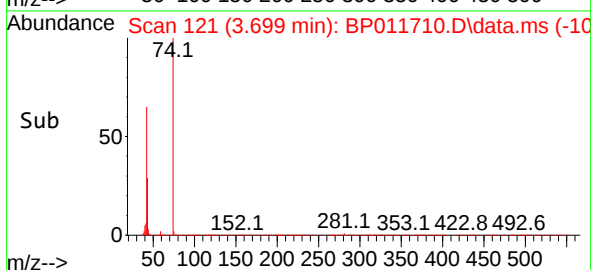
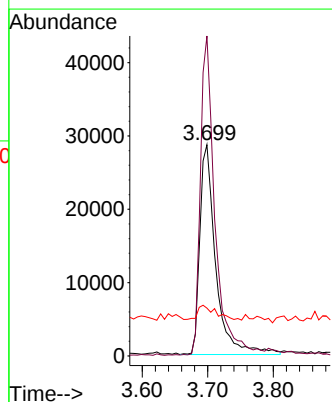
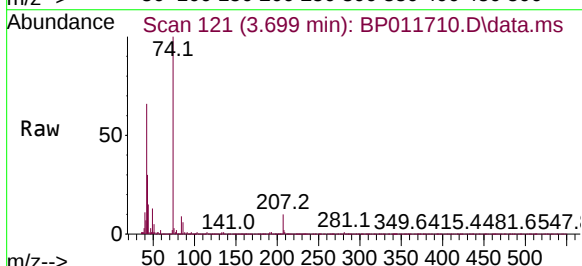
Tgt Ion: 42 Resp: 48480

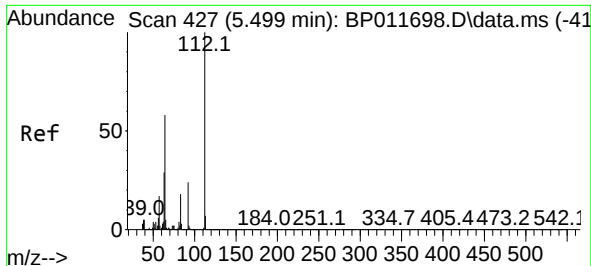
Ion Ratio Lower Upper

42 100

74 151.5 74.4 111.6#

44 22.6 5.7 8.5#

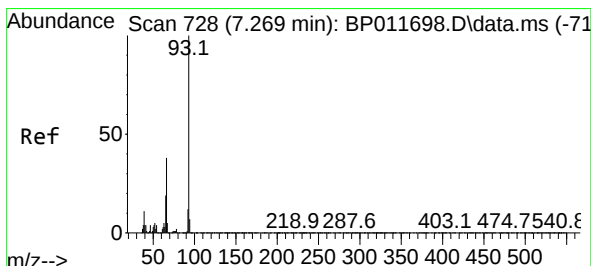
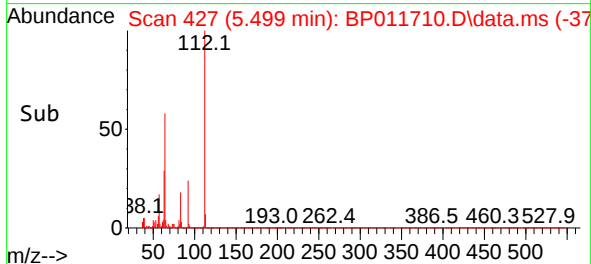
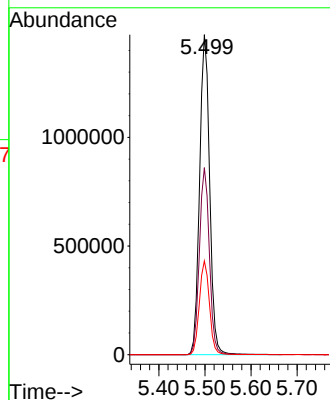
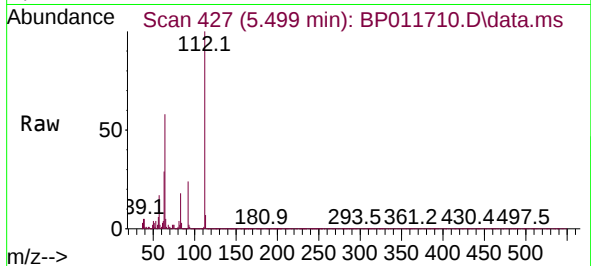




#5
2-Fluorophenol
Concen: 117.400 ng
RT: 5.499 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

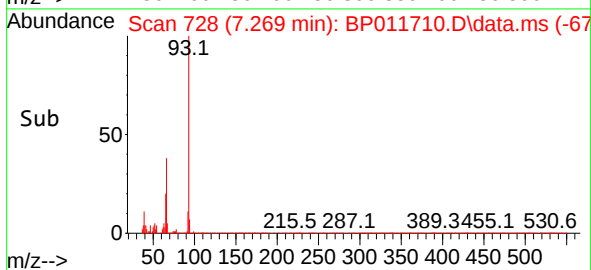
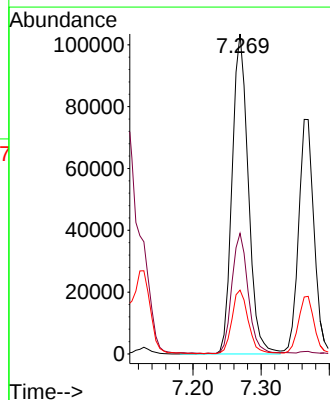
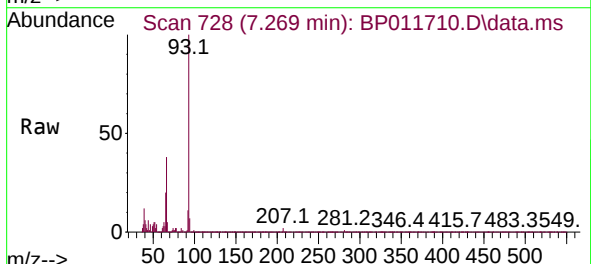
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

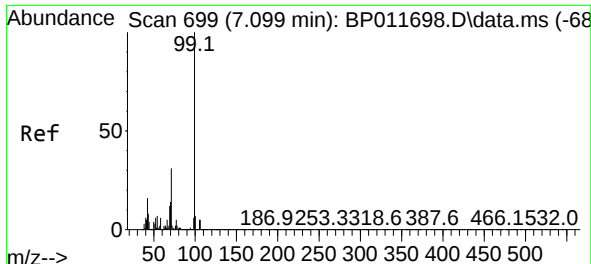
Tgt Ion:112 Resp: 2229518
Ion Ratio Lower Upper
112 100
64 58.4 56.9 85.3
63 29.3 31.2 46.8#



#6
Aniline
Concen: 5.469 ng
RT: 7.269 min Scan# 728
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 93 Resp: 170547
Ion Ratio Lower Upper
93 100
66 37.7 36.7 55.1
65 20.0 18.2 27.4

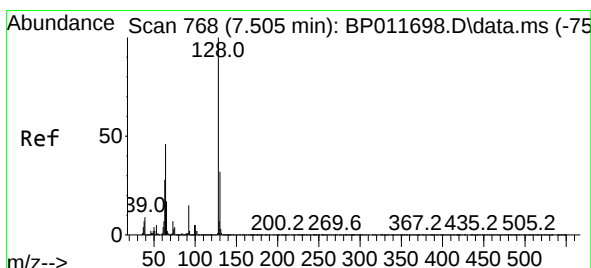
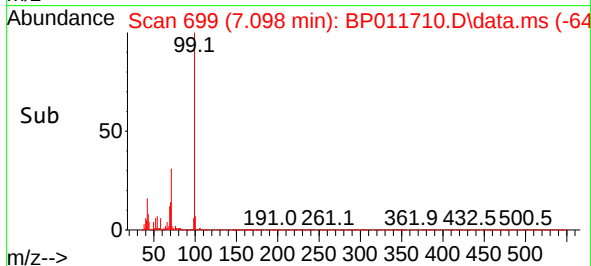
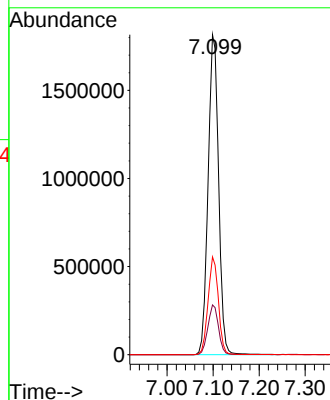
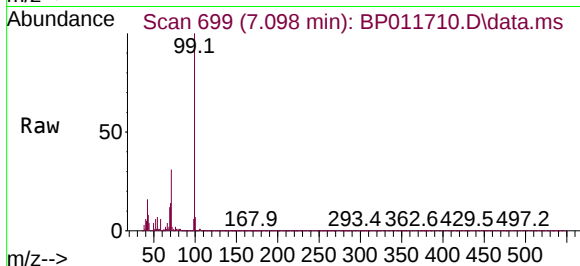




#7
Phenol-d6
Concen: 114.347 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

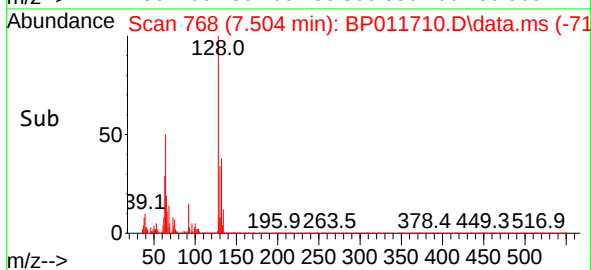
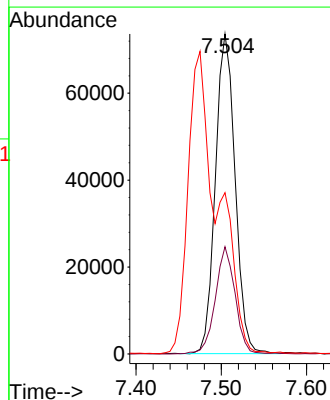
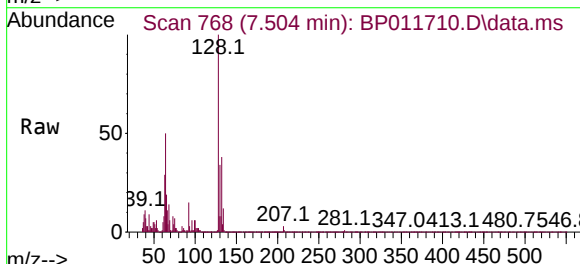
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

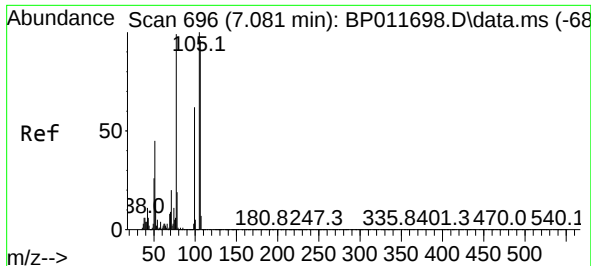
Tgt Ion: 99 Resp: 2894672
Ion Ratio Lower Upper
99 100
42 15.6 20.3 30.5#
71 30.6 33.9 50.9#



#8
2-Chlorophenol
Concen: 5.242 ng
RT: 7.504 min Scan# 768
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 128 Resp: 118037
Ion Ratio Lower Upper
128 100
130 33.5 11.8 51.8
64 50.4 35.3 75.3

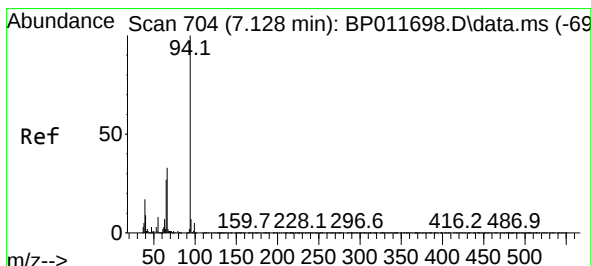
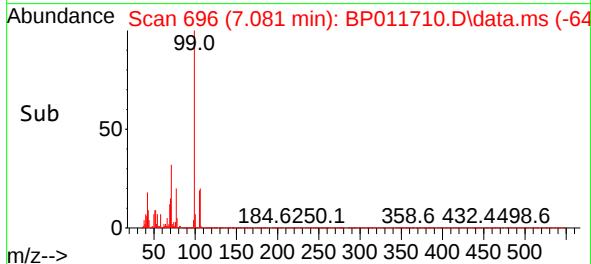
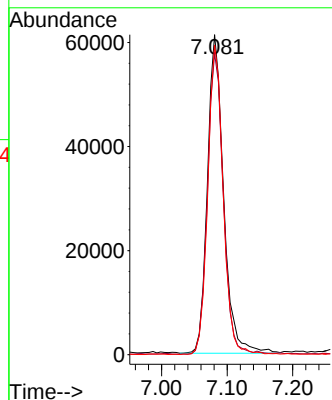
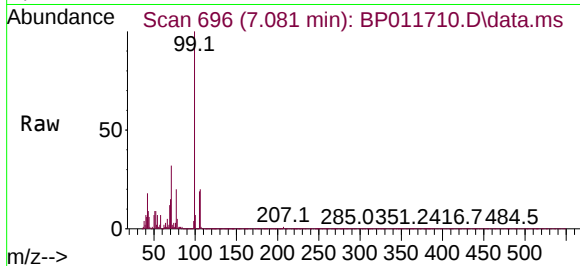




#9
Benzaldehyde
Concen: 6.482 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

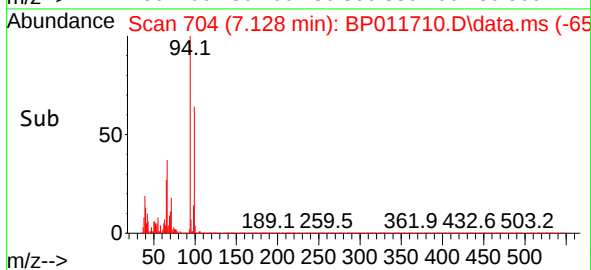
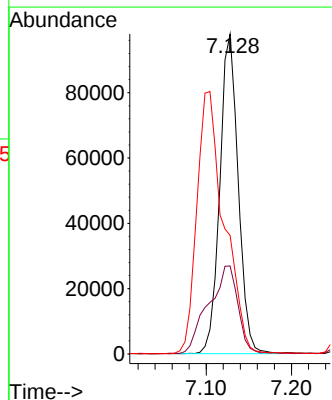
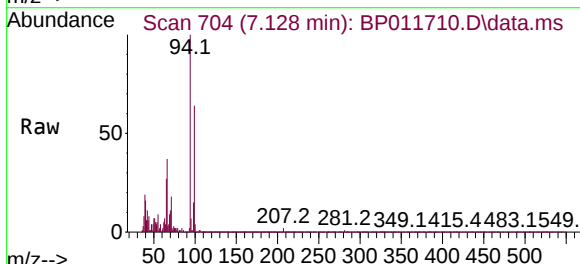
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

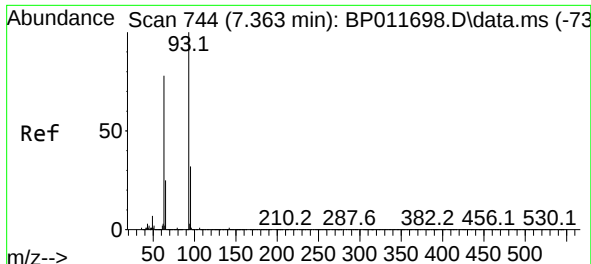
Tgt Ion: 77 Resp: 105027
Ion Ratio Lower Upper
77 100
105 94.1 71.4 111.4
106 96.8 66.9 106.9



#10
Phenol
Concen: 5.153 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 94 Resp: 146712
Ion Ratio Lower Upper
94 100
65 27.5 14.0 54.0
66 37.0 29.2 69.2

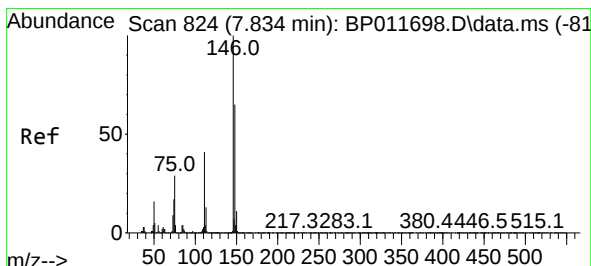
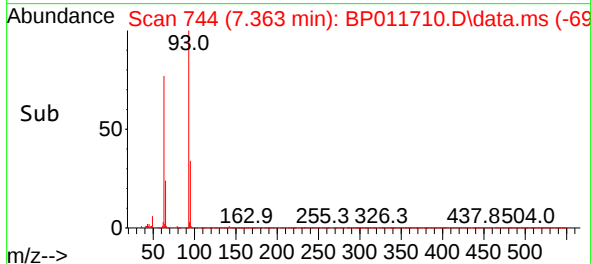
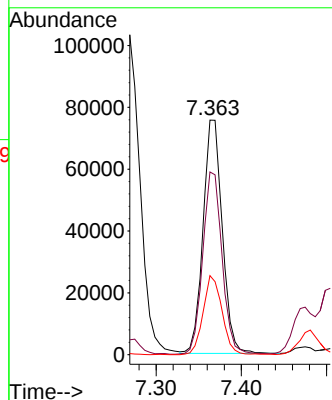
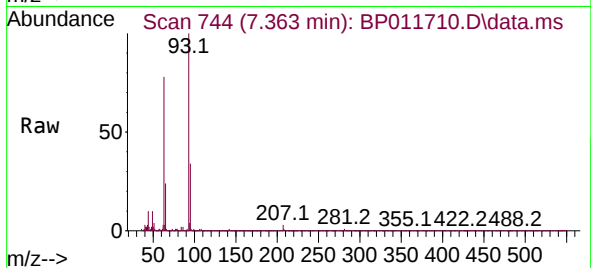




#11
bis(2-Chloroethyl)ether
Concen: 5.204 ng
RT: 7.363 min Scan# 744
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

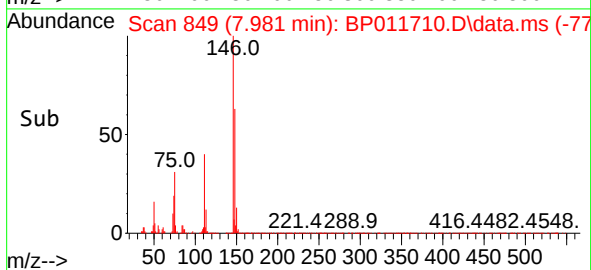
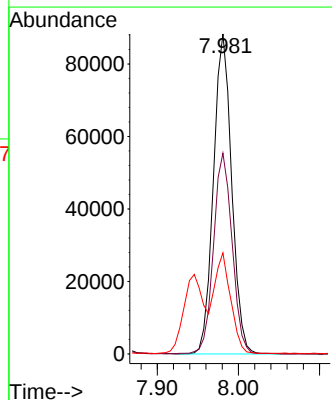
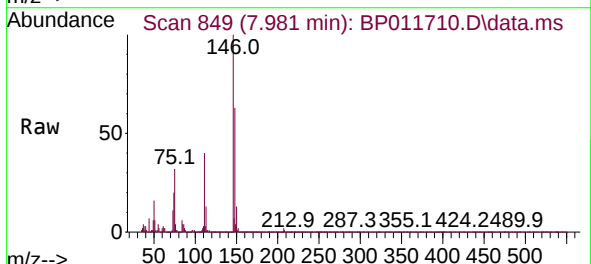
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

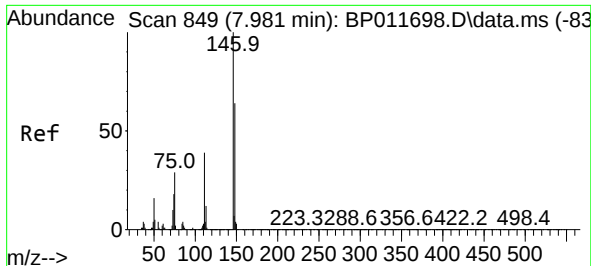
Tgt Ion: 93 Resp: 118032
Ion Ratio Lower Upper
93 100
63 77.9 68.2 108.2
95 33.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 5.513 ng
RT: 7.981 min Scan# 849
Delta R.T. 0.147 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 146 Resp: 137669
Ion Ratio Lower Upper
146 100
148 62.8 53.0 79.4
75 31.6 31.3 46.9

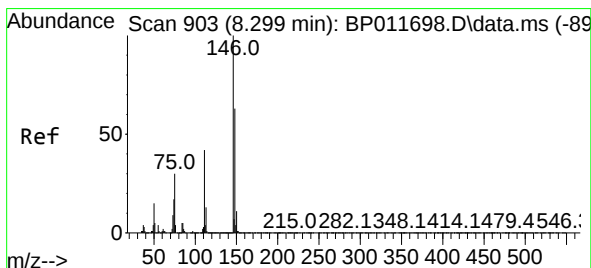
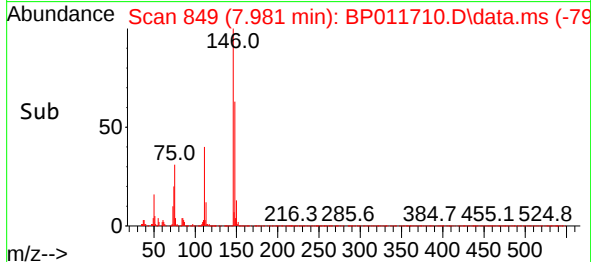
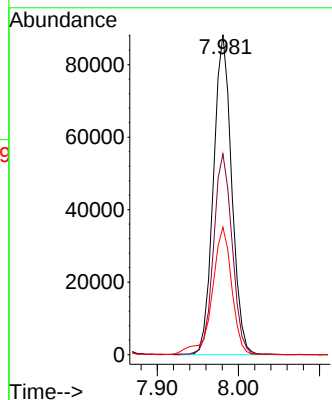
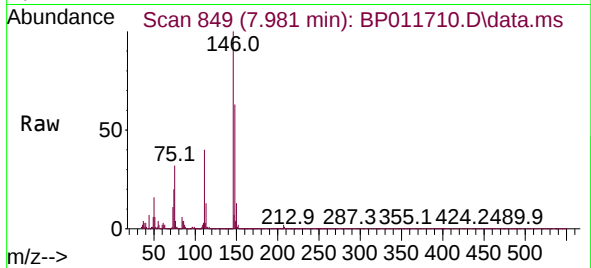




#13
1,4-Dichlorobenzene
Concen: 5.421 ng
RT: 7.981 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

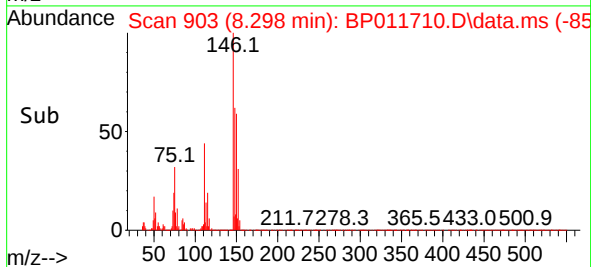
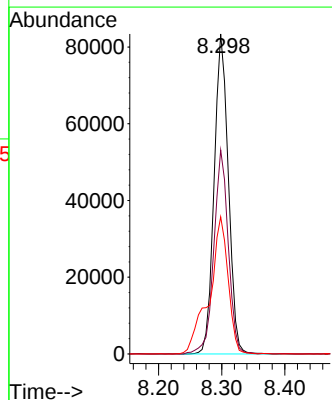
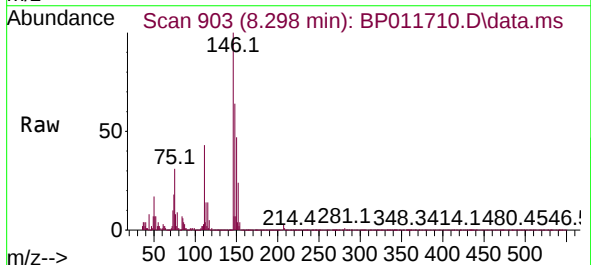
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

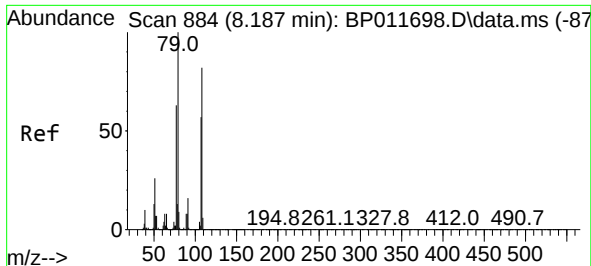
Tgt Ion:146 Resp: 137669
Ion Ratio Lower Upper
146 100
148 62.8 51.6 77.4
111 39.8 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 5.369 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:146 Resp: 129973
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.2
111 42.8 36.6 55.0

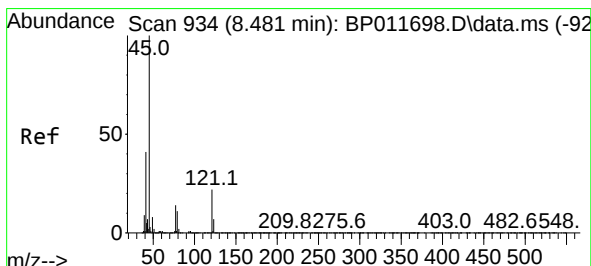
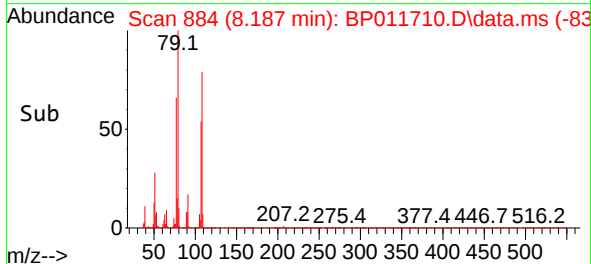
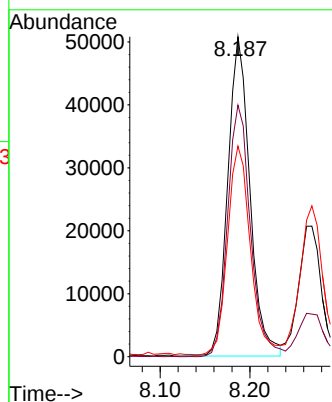
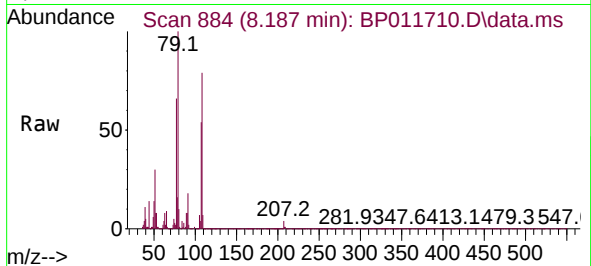




#15
Benzyl Alcohol
Concen: 4.807 ng
RT: 8.187 min Scan# 884
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

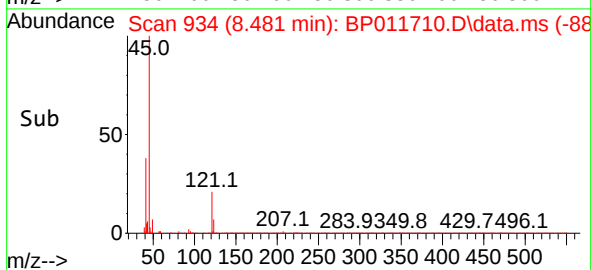
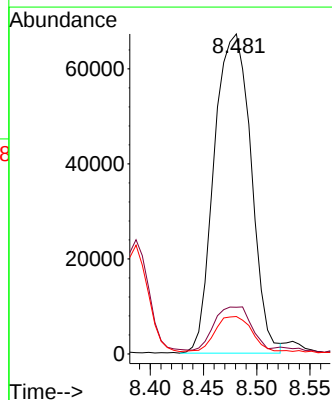
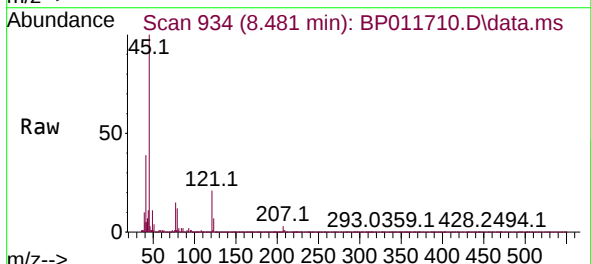
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

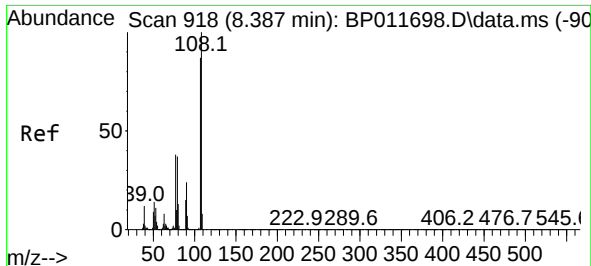
Tgt Ion: 79 Resp: 86874
Ion Ratio Lower Upper
79 100
108 78.6 53.4 80.0
77 65.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.327 ng
RT: 8.481 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 45 Resp: 161382
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.8
79 11.7 0.0 28.8

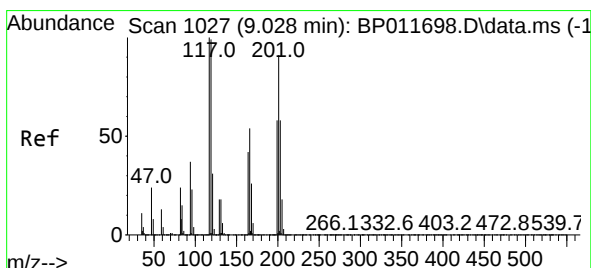
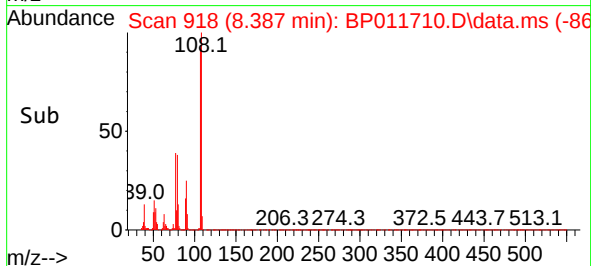
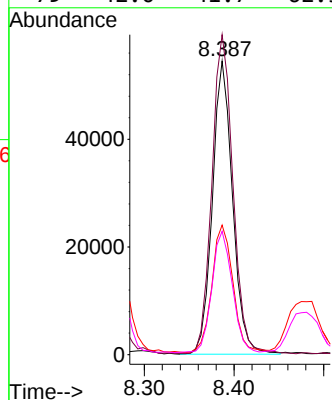
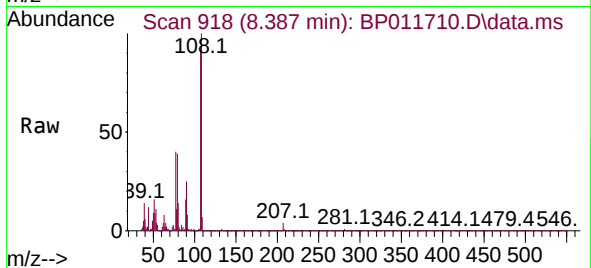




#17
2-Methylphenol
Concen: 4.609 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

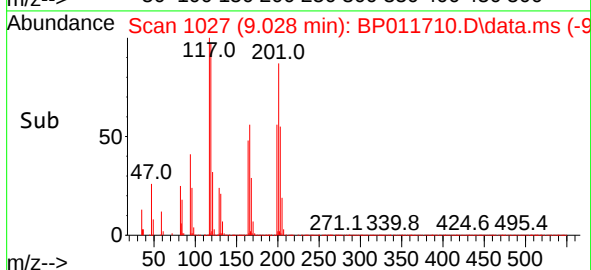
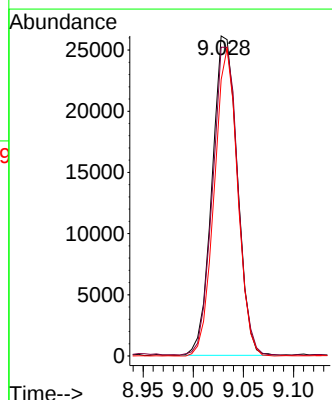
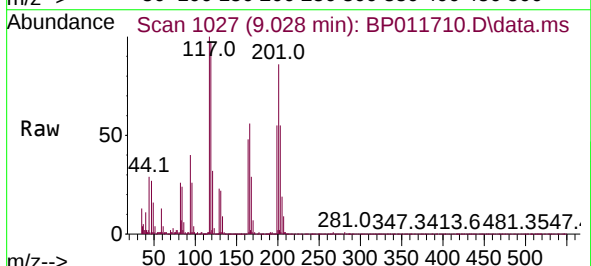
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2022

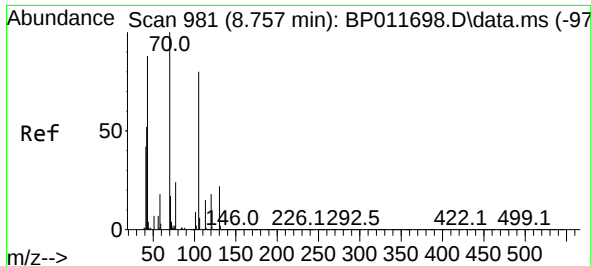
Tgt Ion:	107	Resp:	85199
Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	44.1	44.7	67.1#
79	42.0	41.7	62.5



#18
Hexachloroethane
Concen: 5.183 ng
RT: 9.028 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:	117	Resp:	45525
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.6	113.4
201	86.4	80.9	121.3

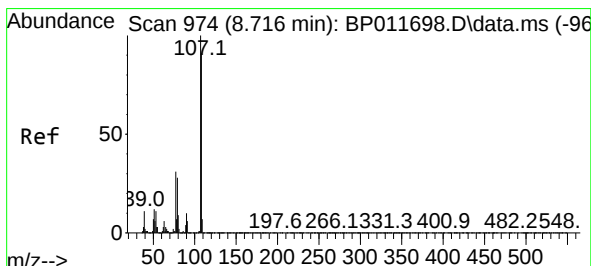
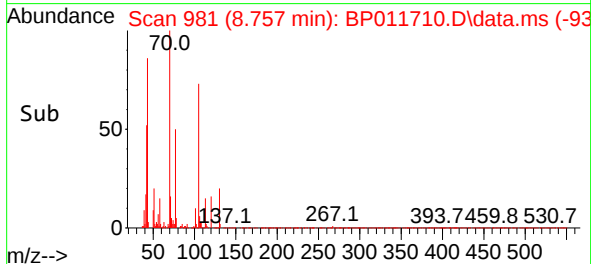
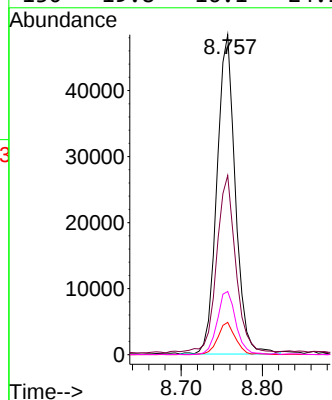
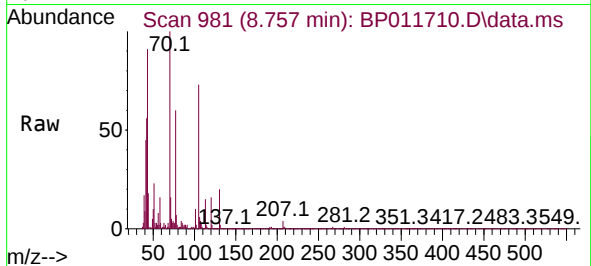




#19
n-Nitroso-di-n-propylamine
Concen: 4.651 ng
RT: 8.757 min Scan# 981
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

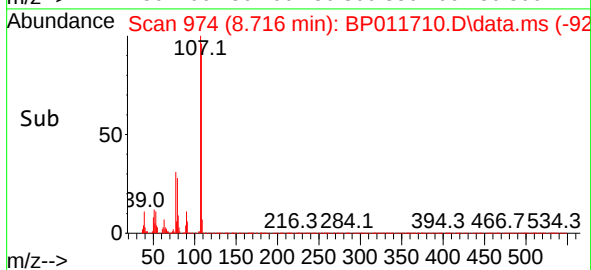
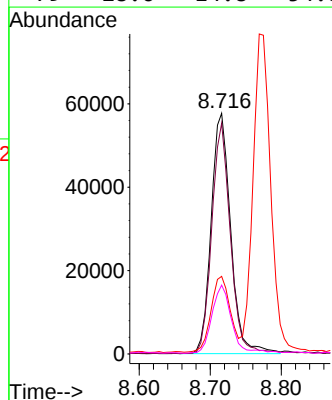
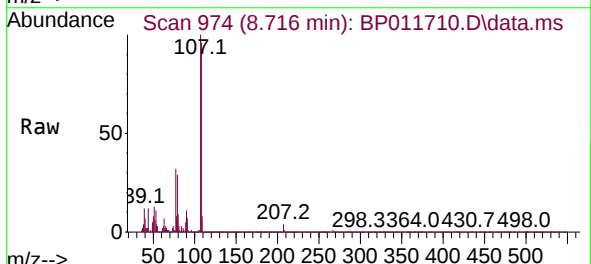
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

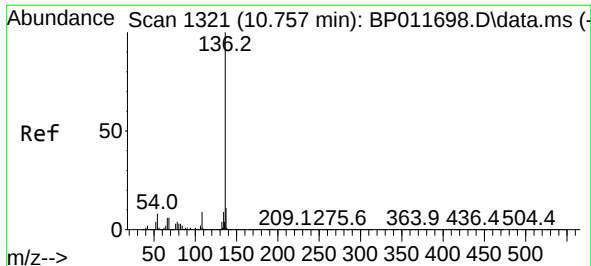
Tgt Ion:	70	Resp:	76233
Ion	Ratio	Lower	Upper
70	100		
42	56.0	58.1	87.1#
101	10.1	8.4	12.6
130	19.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 4.335 ng
RT: 8.716 min Scan# 974
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:	107	Resp:	110058
Ion	Ratio	Lower	Upper
107	100		
108	95.9	67.1	107.1
77	32.2	19.2	59.2
79	28.6	14.8	54.8

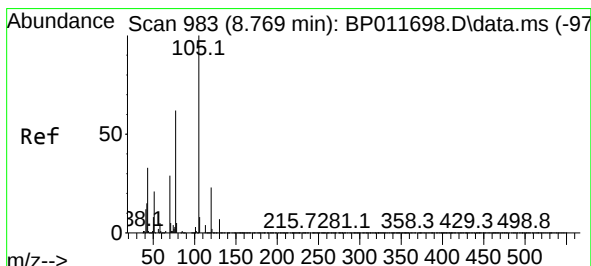
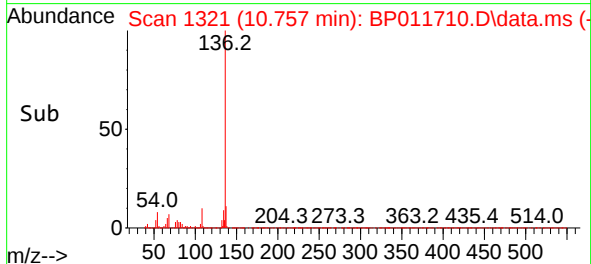
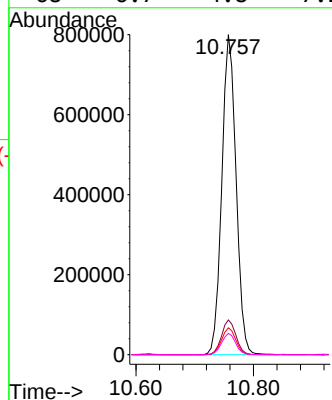
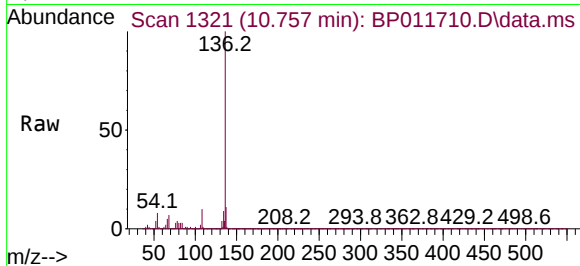




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

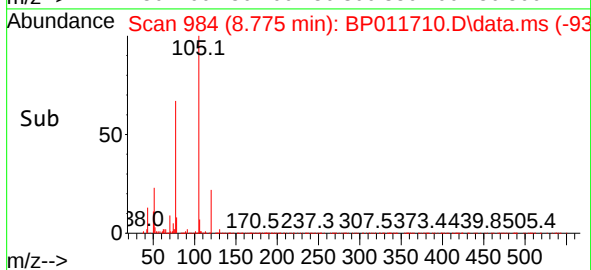
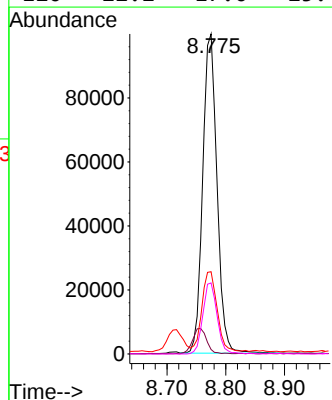
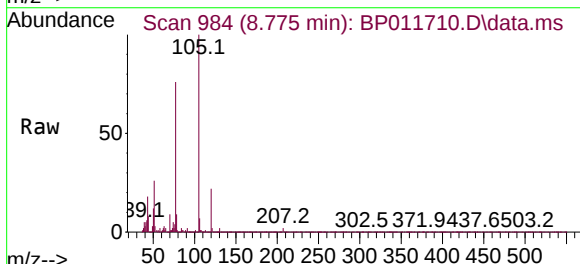
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

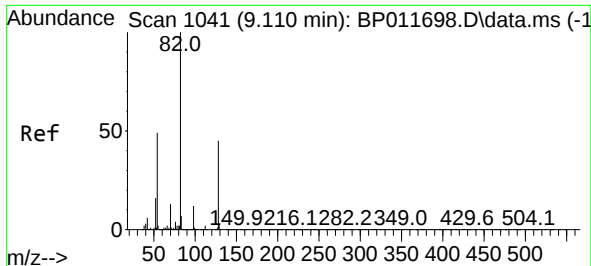
Tgt Ion:136 Resp: 1345449
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 8.7 13.1#
68 6.7 4.8 7.2



#22
Acetophenone
Concen: 5.356 ng
RT: 8.775 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:105 Resp: 168944
Ion Ratio Lower Upper
105 100
71 1.4 3.4 5.0#
51 25.7 29.5 44.3#
120 22.2 17.0 25.4

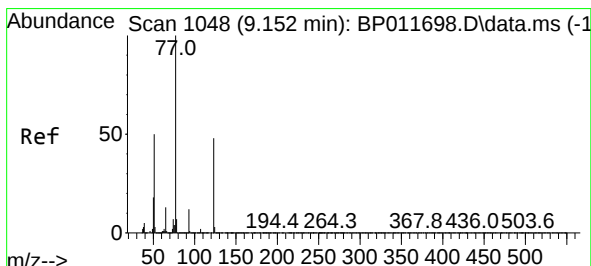
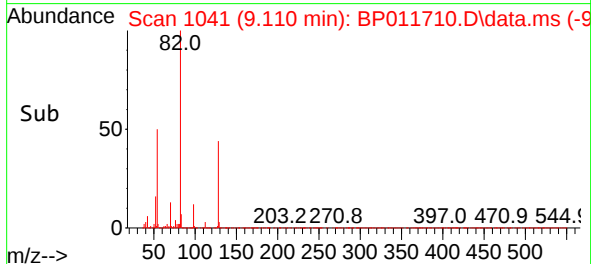
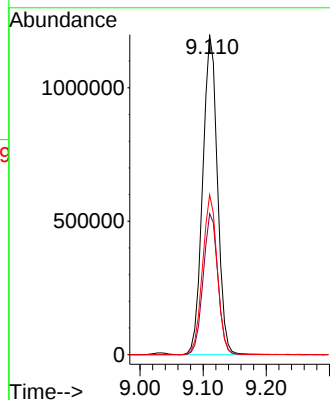
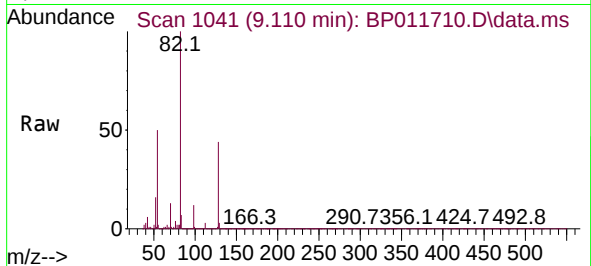




#23
Nitrobenzene-d5
Concen: 85.606 ng
RT: 9.110 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

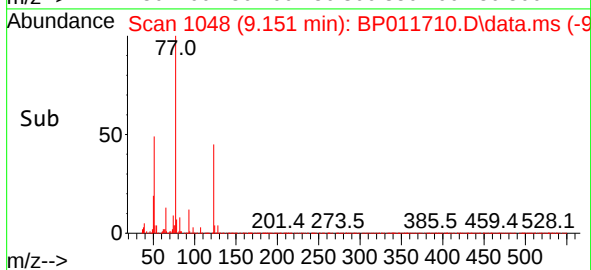
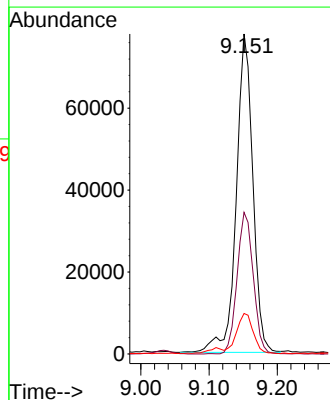
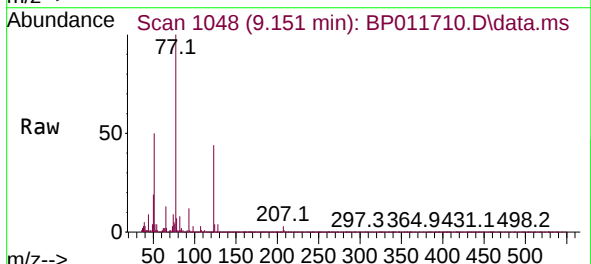
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

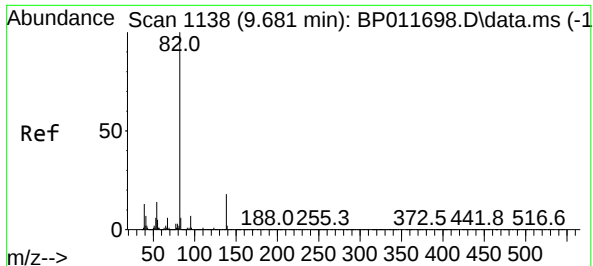
Tgt Ion: 82 Resp: 1942072
Ion Ratio Lower Upper
82 100
128 44.0 31.3 46.9
54 50.0 49.8 74.8



#24
Nitrobenzene
Concen: 5.570 ng
RT: 9.151 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 77 Resp: 131476
Ion Ratio Lower Upper
77 100
123 44.3 31.1 46.7
65 12.7 12.1 18.1

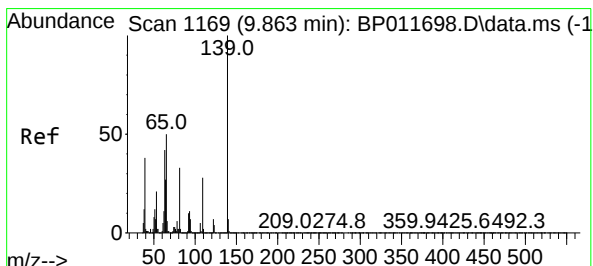
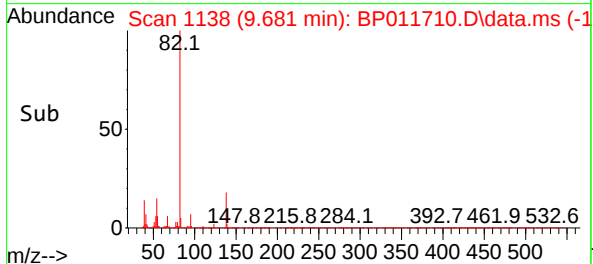
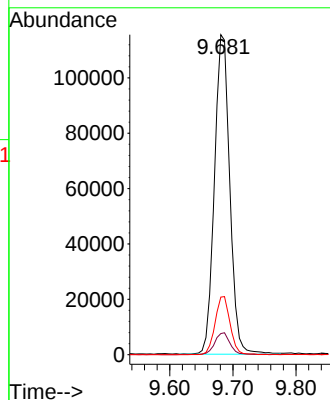
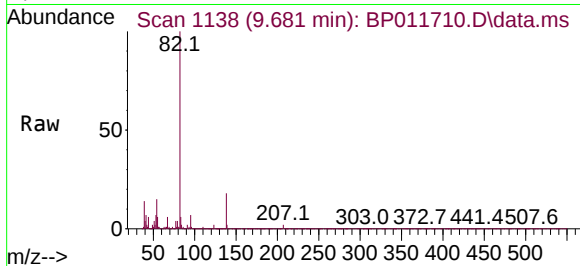




#25
Isophorone
Concen: 4.861 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

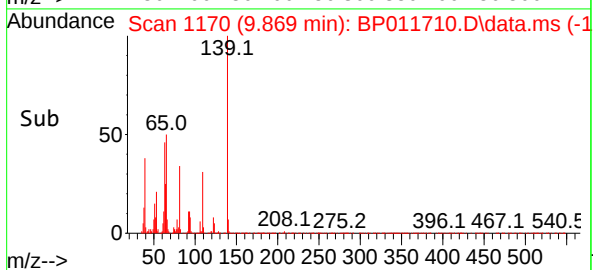
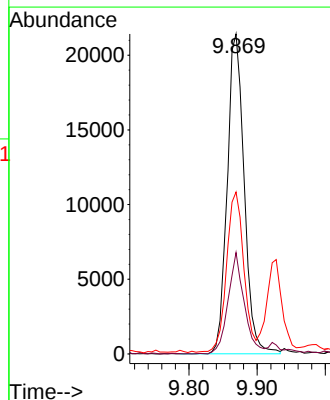
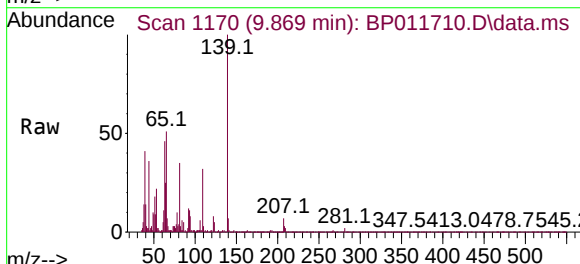
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

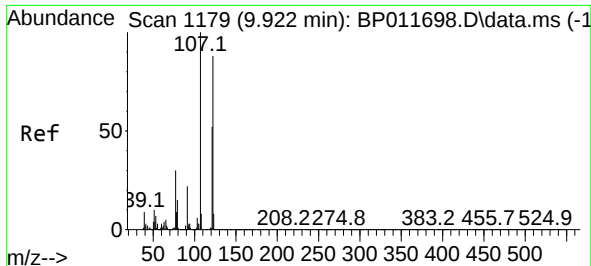
Tgt Ion: 82 Resp: 195074
Ion Ratio Lower Upper
82 100
95 6.6 6.5 9.7
138 18.0 12.4 18.6



#26
2-Nitrophenol
Concen: 3.838 ng
RT: 9.869 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 139 Resp: 37162
Ion Ratio Lower Upper
139 100
109 31.7 30.2 45.4
65 50.6 52.2 78.2#





#27

2,4-Dimethylphenol

Concen: 5.477 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

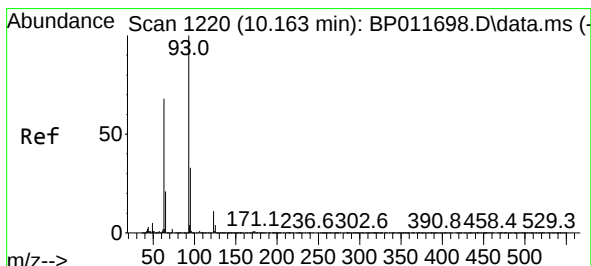
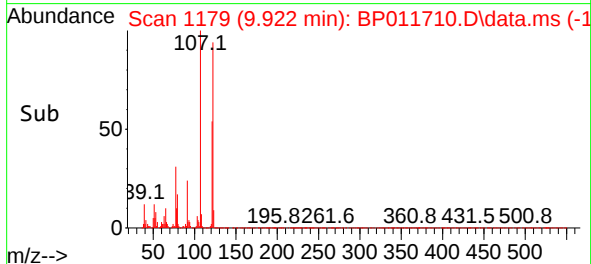
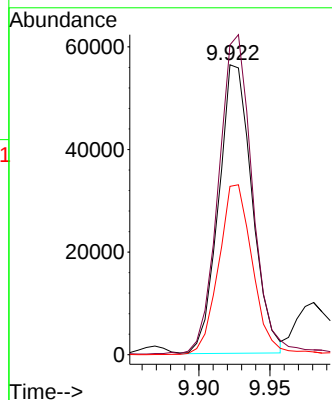
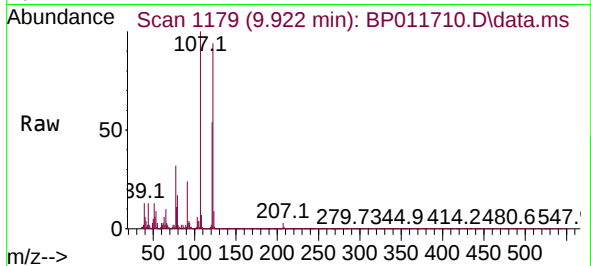
Tgt Ion:122 Resp: 91895

Ion Ratio Lower Upper

122 100

107 106.8 103.5 155.3

121 58.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 5.837 ng

RT: 10.169 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

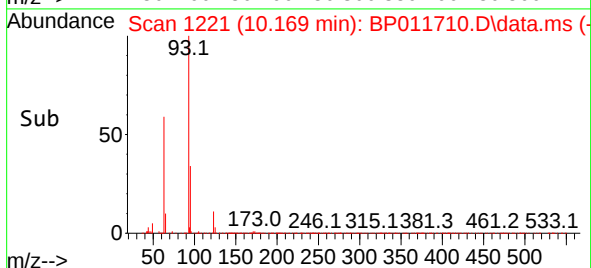
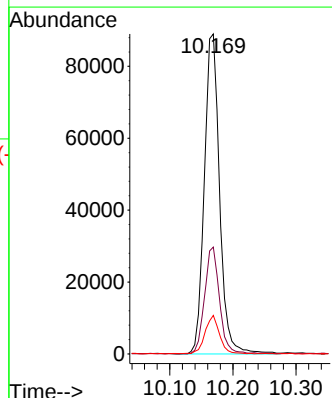
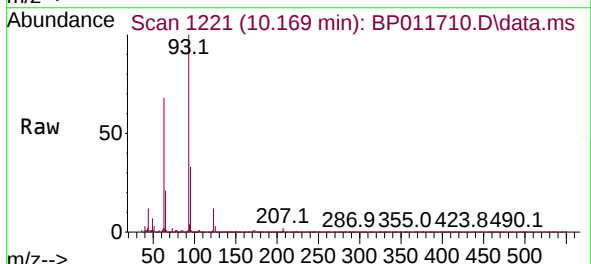
Tgt Ion: 93 Resp: 149789

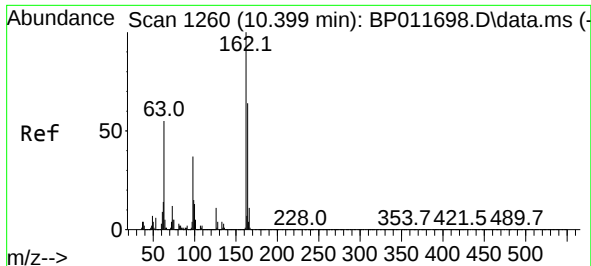
Ion Ratio Lower Upper

93 100

95 33.4 25.0 37.6

123 12.0 9.0 13.6

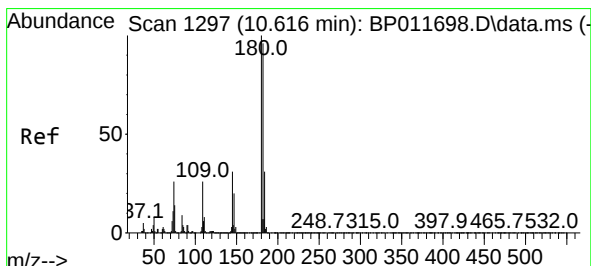
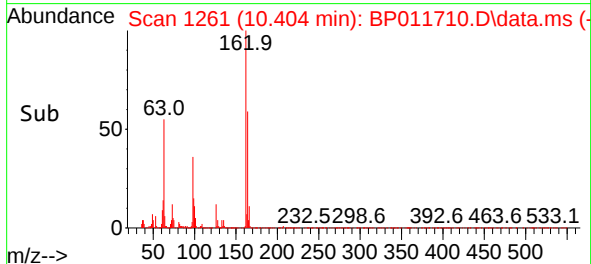
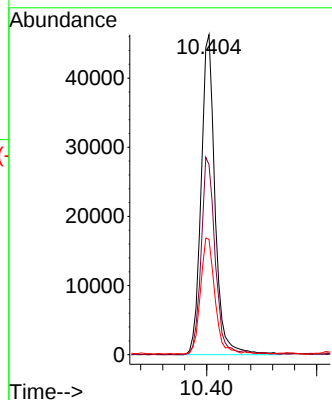
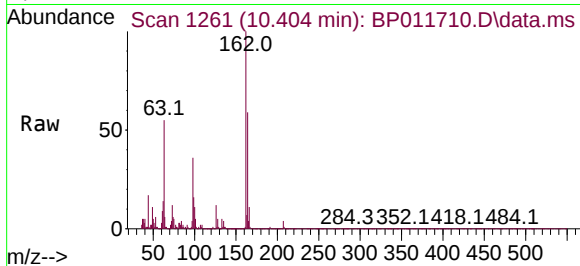




#29
2,4-Dichlorophenol
Concen: 4.387 ng
RT: 10.404 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

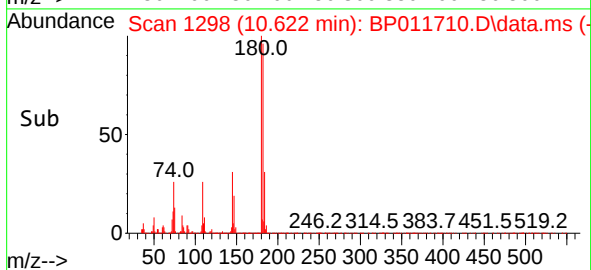
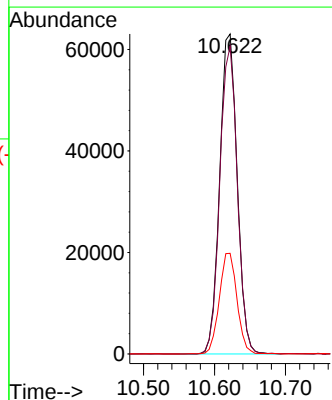
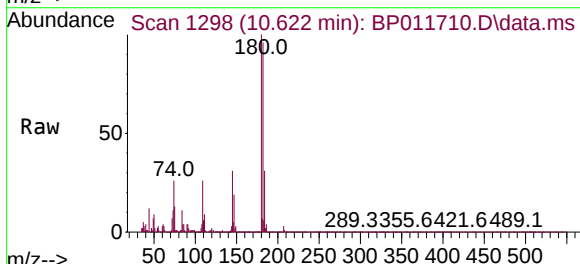
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

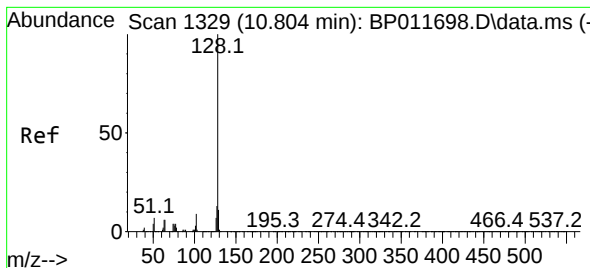
Tgt Ion:162 Resp: 81544
Ion Ratio Lower Upper
162 100
164 59.4 43.0 83.0
98 36.1 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 5.226 ng
RT: 10.622 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:180 Resp: 107537
Ion Ratio Lower Upper
180 100
182 96.1 78.0 117.0
145 31.5 24.6 36.8





#31

Naphthalene

Concen: 5.301 ng

RT: 10.810 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

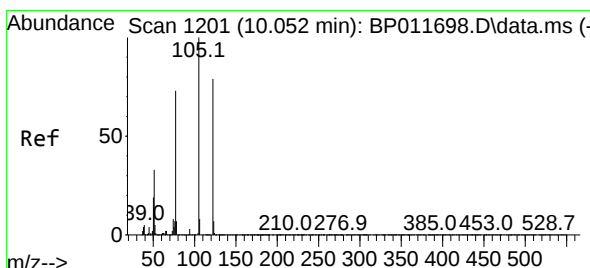
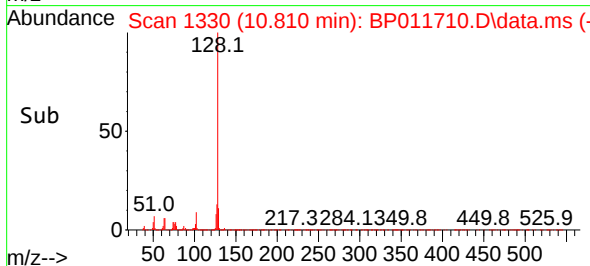
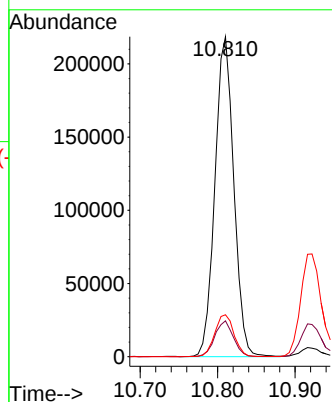
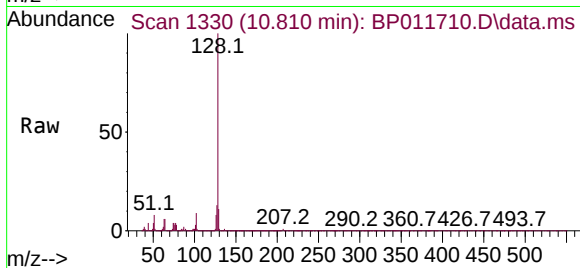
Tgt Ion:128 Resp: 370094

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 1.814 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.071 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

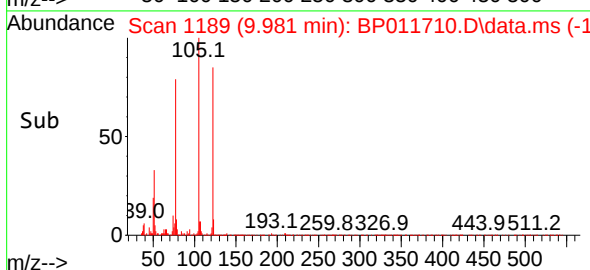
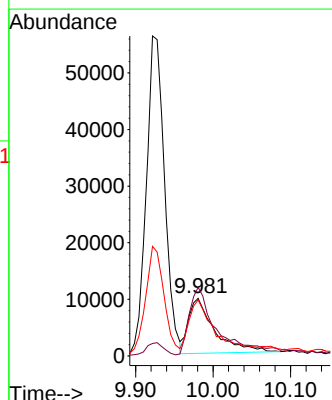
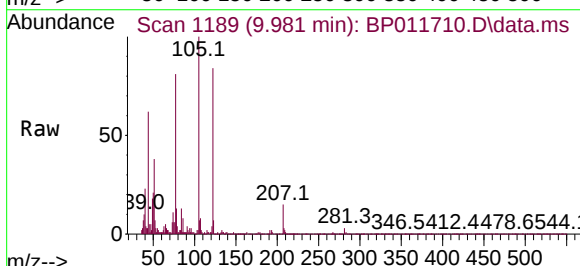
Tgt Ion:122 Resp: 22781

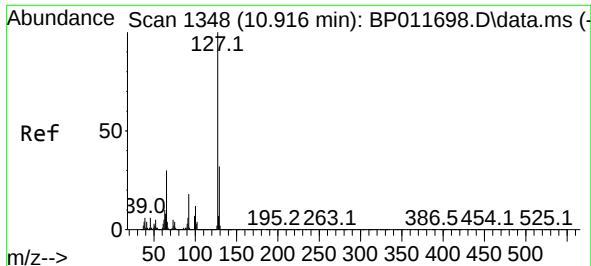
Ion Ratio Lower Upper

122 100

105 119.3 112.6 152.6

77 97.2 90.2 130.2

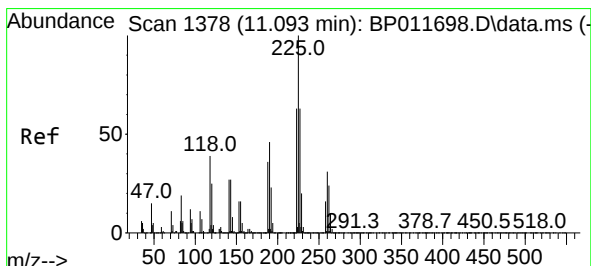
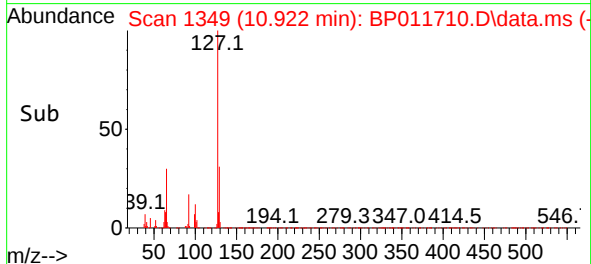
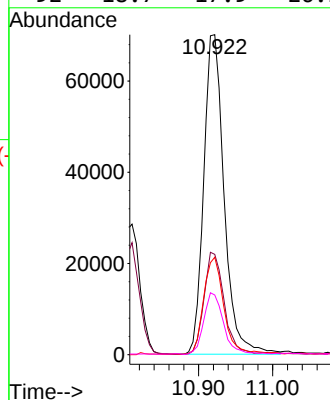
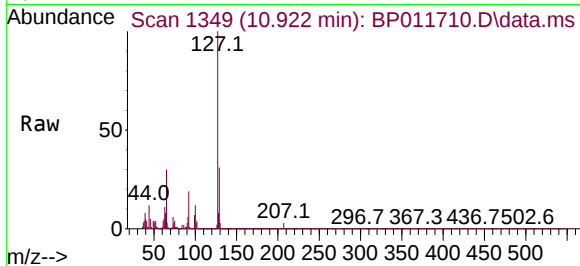




#33
4-Chloroaniline
Concen: 4.901 ng
RT: 10.922 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

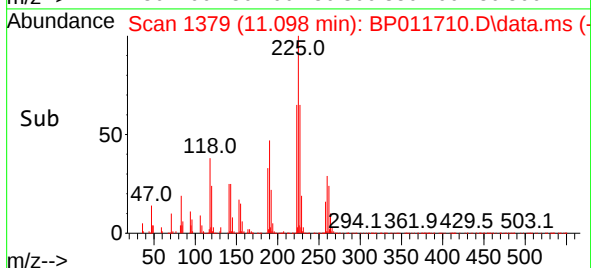
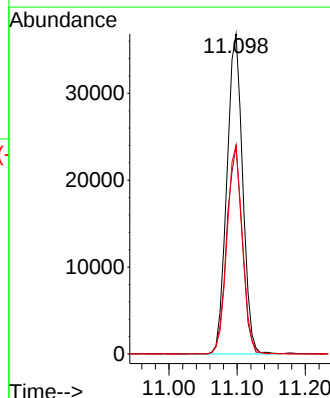
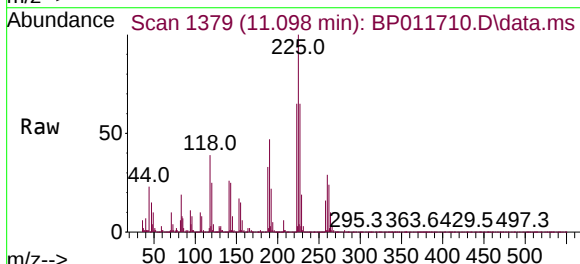
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

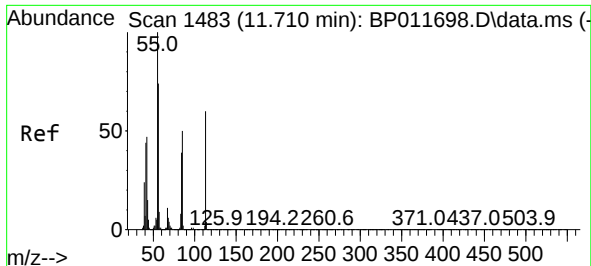
Tgt Ion:	127	Resp:	134248
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	30.5	30.4	45.6
92	18.7	17.9	26.9



#34
Hexachlorobutadiene
Concen: 5.231 ng
RT: 11.098 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:	225	Resp:	59296
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.2	78.4
227	65.2	50.8	76.2

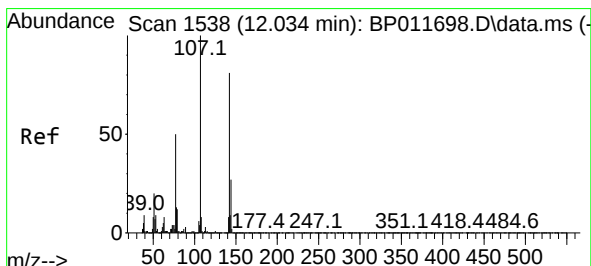
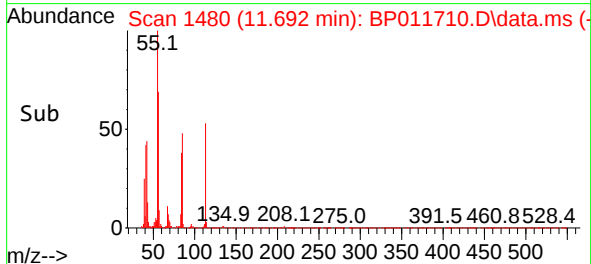
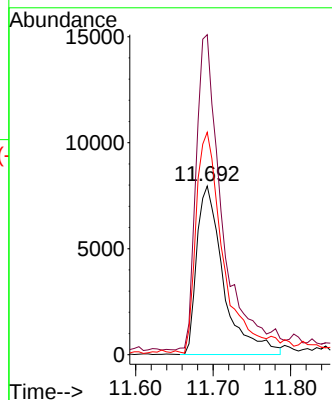
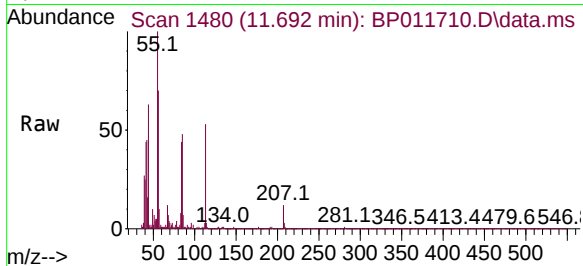




#35
 Caprolactam
 Concen: 3.172 ng
 RT: 11.692 min Scan# 1483
 Delta R.T. -0.018 min
 Lab File: BP011710.D
 Acq: 15 Sep 2022 14:55

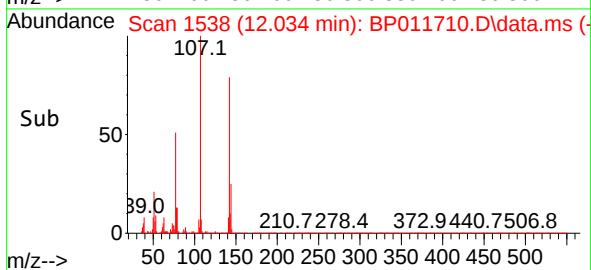
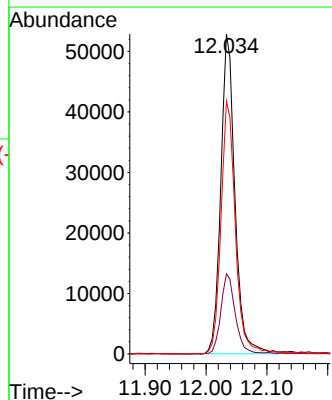
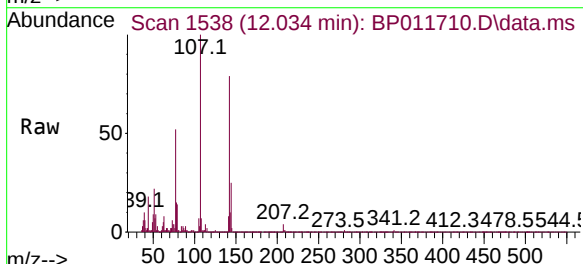
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

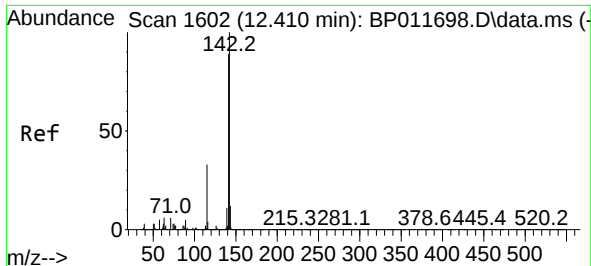
Tgt Ion:113 Resp: 19103
 Ion Ratio Lower Upper
 113 100
 55 189.8 198.6 238.6#
 56 131.9 142.7 182.7#



#36
 4-Chloro-3-methylphenol
 Concen: 4.278 ng
 RT: 12.034 min Scan# 1538
 Delta R.T. -0.000 min
 Lab File: BP011710.D
 Acq: 15 Sep 2022 14:55

Tgt Ion:107 Resp: 85508
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 79.0 59.0 88.4

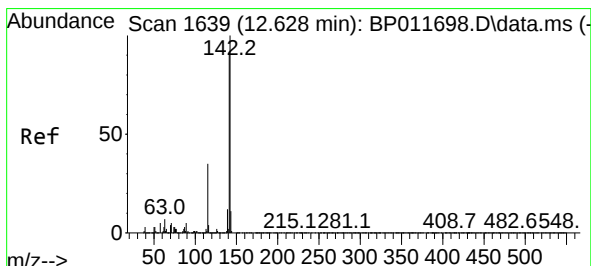
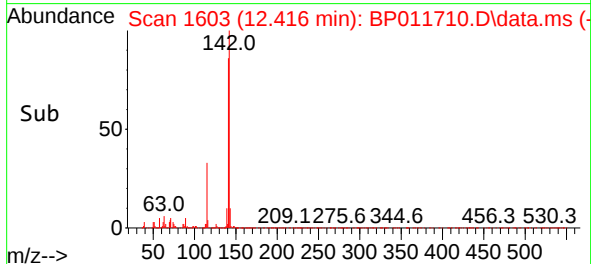
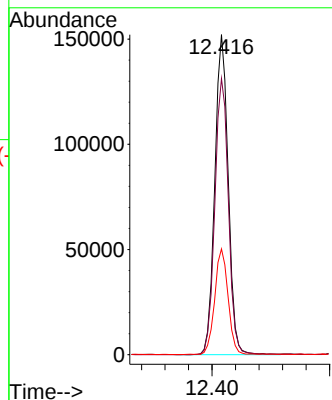
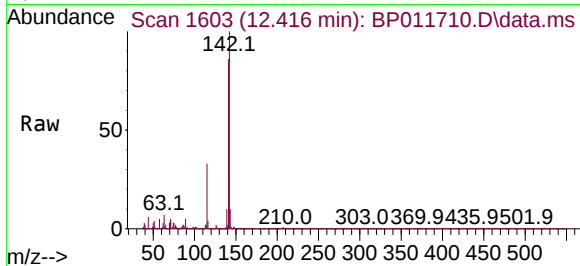




#37
2-Methylnaphthalene
Concen: 5.142 ng
RT: 12.416 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

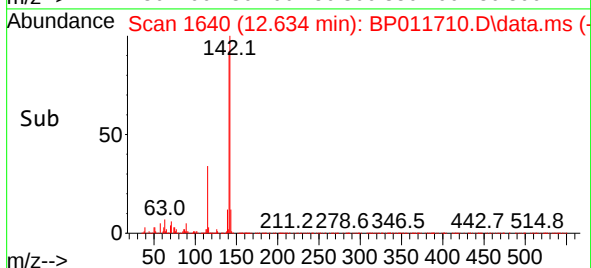
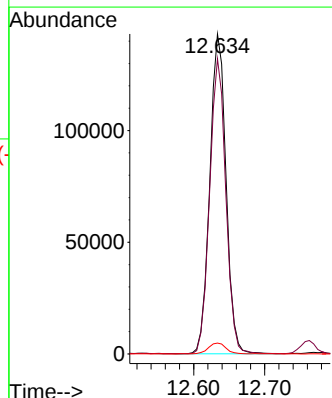
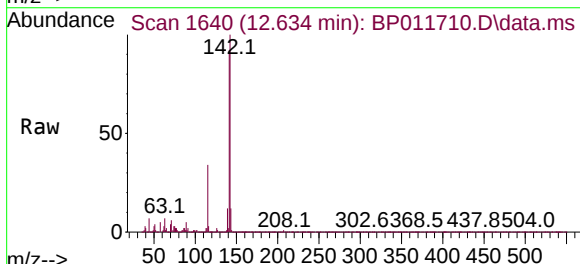
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

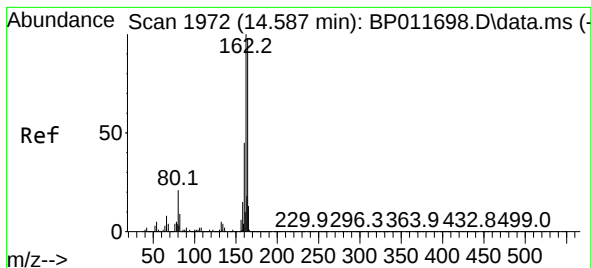
Tgt Ion:142 Resp: 240277
Ion Ratio Lower Upper
142 100
141 86.3 71.3 106.9
115 33.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 4.983 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:142 Resp: 227621
Ion Ratio Lower Upper
142 100
141 92.3 72.6 108.8
116 3.4 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

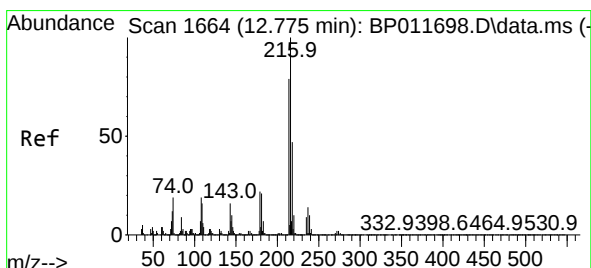
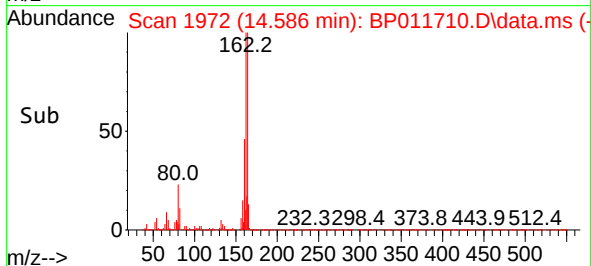
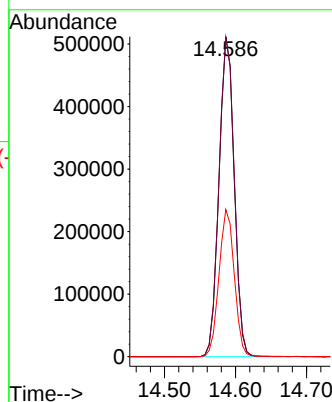
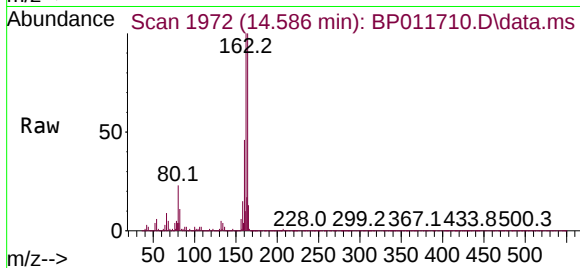
Tgt Ion:164 Resp: 755666

Ion Ratio Lower Upper

164 100

162 99.8 81.9 122.9

160 46.0 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.602 ng

RT: 12.781 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Tgt Ion:216 Resp: 111720

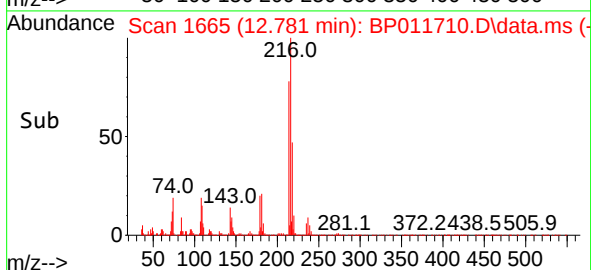
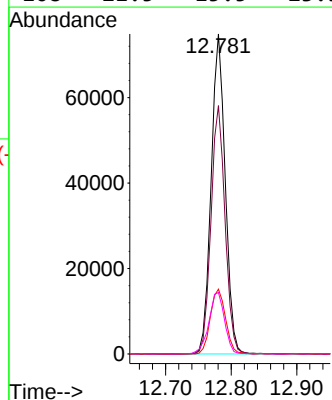
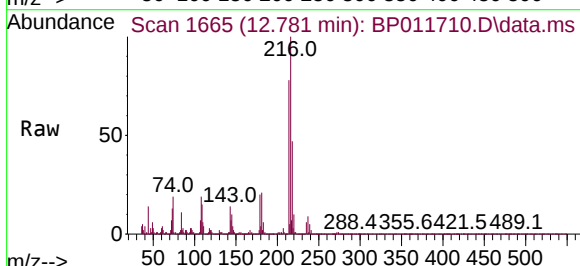
Ion Ratio Lower Upper

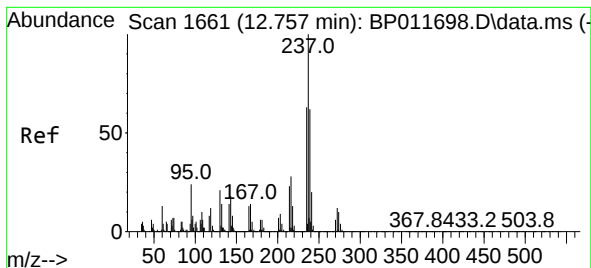
216 100

214 77.4 61.9 92.9

179 21.8 17.0 25.6

108 21.5 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 5.858 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

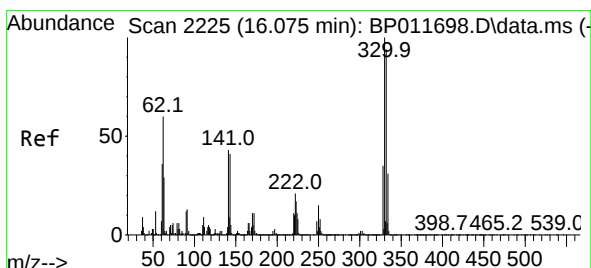
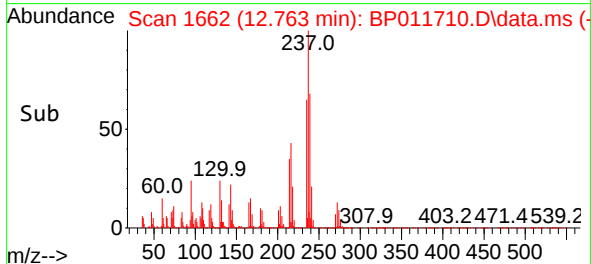
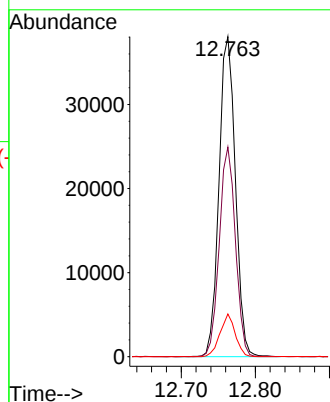
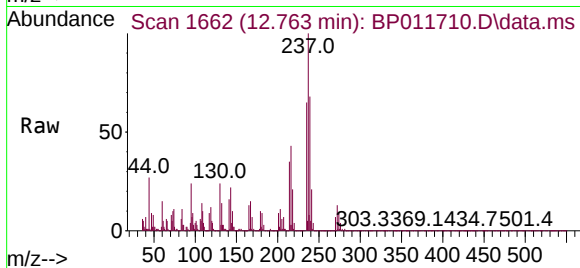
Tgt Ion:237 Resp: 58320

Ion Ratio Lower Upper

237 100

235 65.5 43.3 83.3

272 13.3 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 116.395 ng

RT: 16.080 min Scan# 2226

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

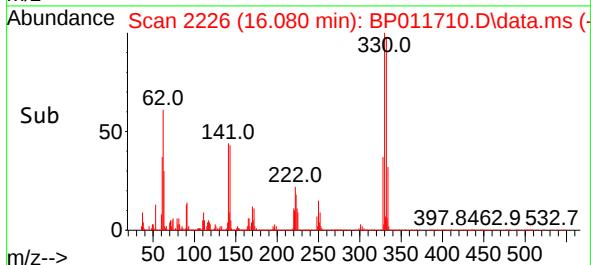
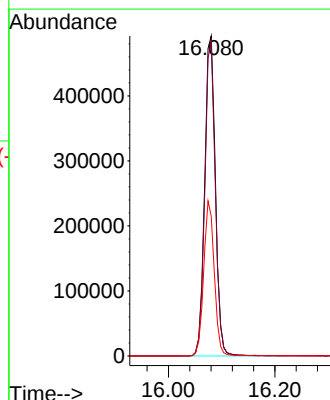
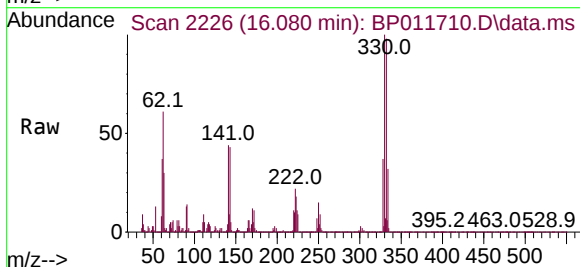
Tgt Ion:330 Resp: 687232

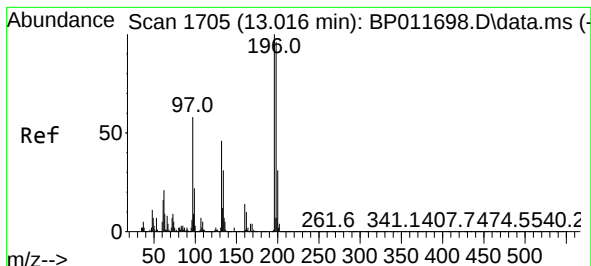
Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 47.9 31.4 47.2#





#43

2,4,6-Trichlorophenol

Concen: 4.083 ng

RT: 13.022 min Scan# 1705

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

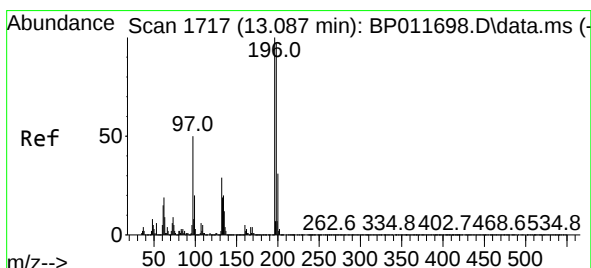
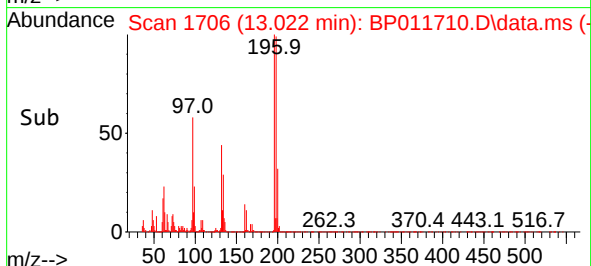
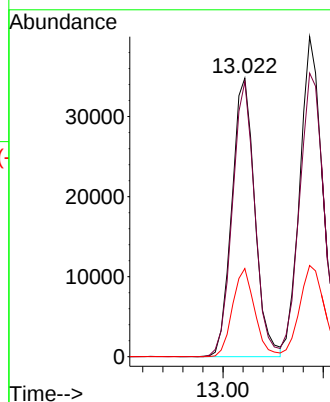
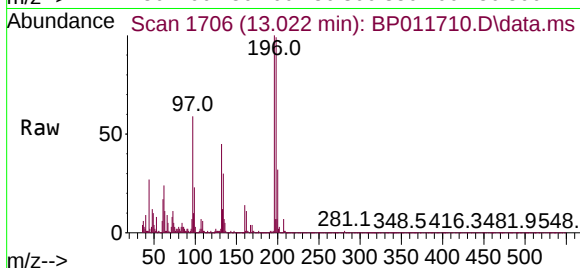
Tgt Ion:196 Resp: 55395

Ion Ratio Lower Upper

196 100

198 98.7 77.7 116.5

200 31.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 4.296 ng

RT: 13.086 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Tgt Ion:196 Resp: 65159

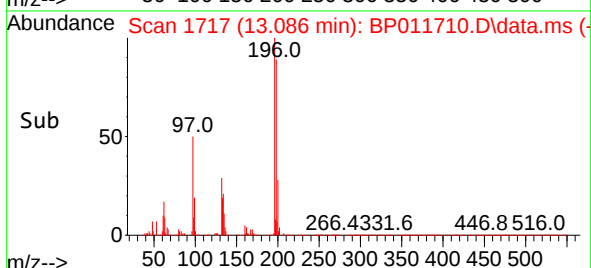
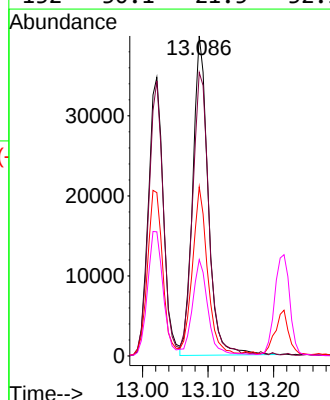
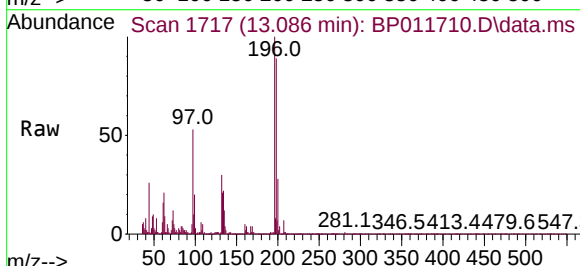
Ion Ratio Lower Upper

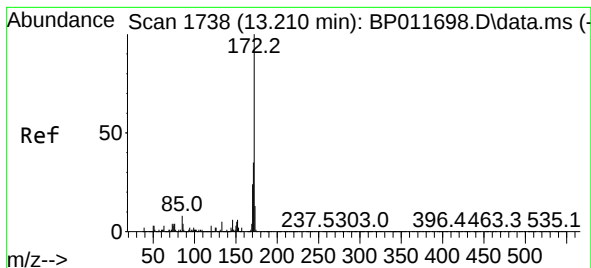
196 100

198 88.6 75.7 113.5

97 52.8 42.4 63.6

132 30.1 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 87.967 ng

RT: 13.216 min Scan# 1738

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

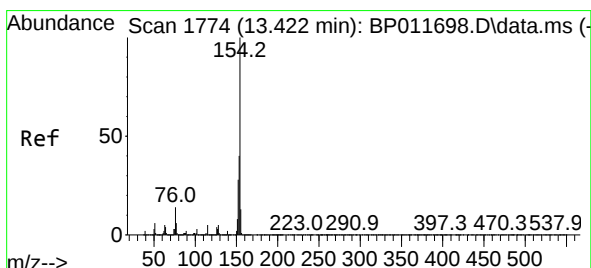
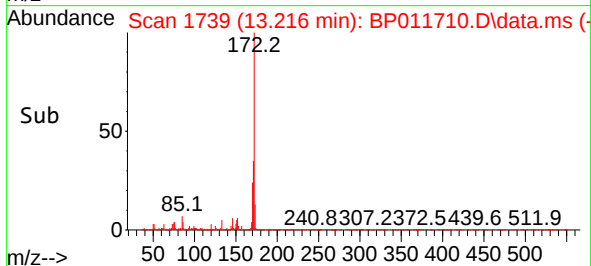
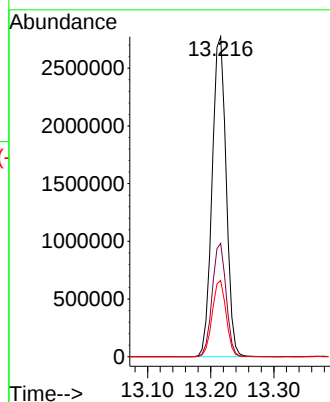
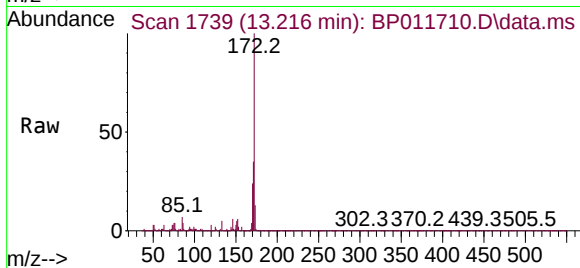
Tgt Ion:172 Resp: 4276393

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.8 18.2 27.2



#46

1,1'-Biphenyl

Concen: 5.770 ng

RT: 13.422 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

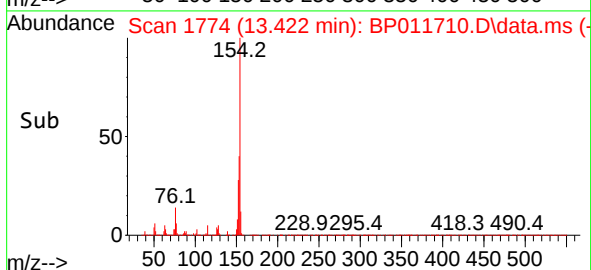
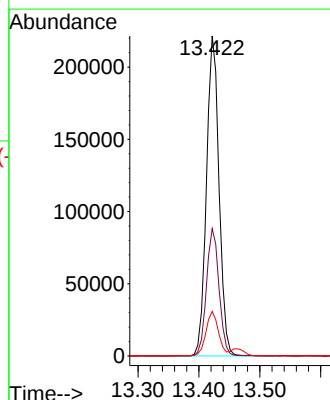
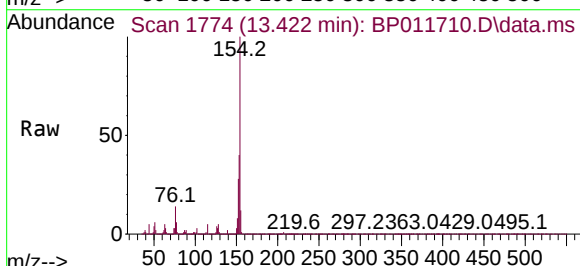
Tgt Ion:154 Resp: 317187

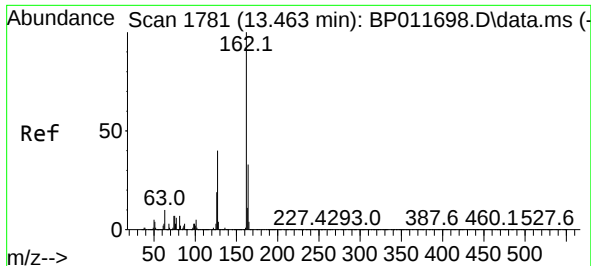
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

76 13.9 0.0 33.2

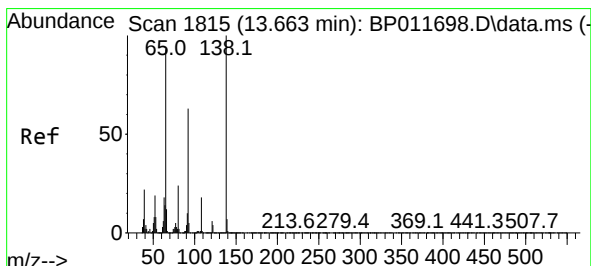
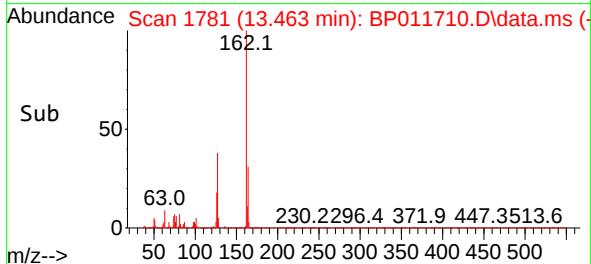
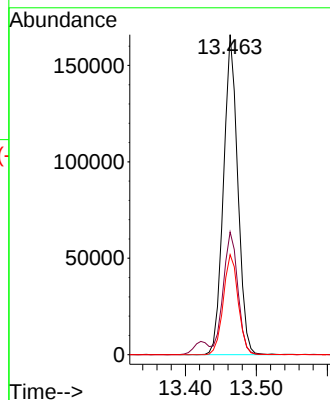
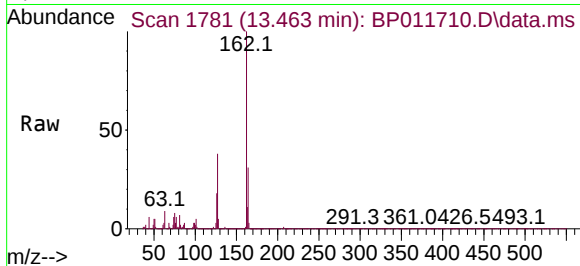




#47
2-Chloronaphthalene
Concen: 5.342 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

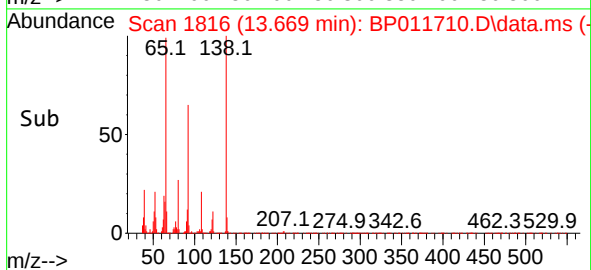
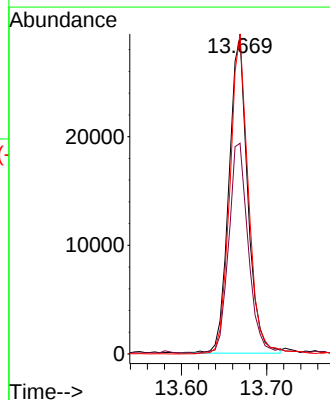
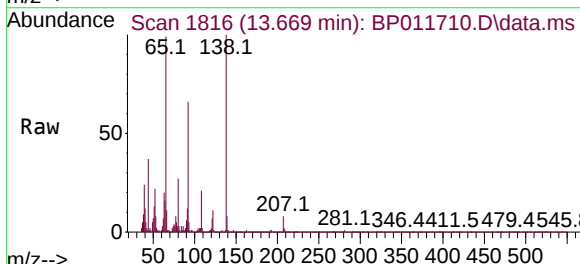
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2022

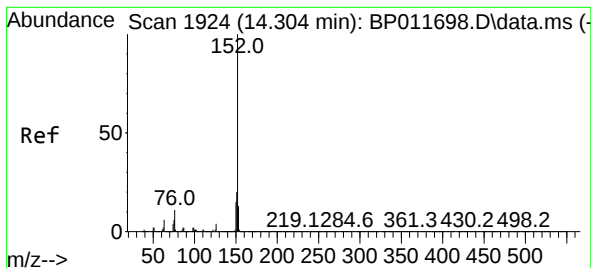
Tgt Ion:162 Resp: 231046
Ion Ratio Lower Upper
162 100
127 38.3 32.4 48.6
164 31.3 26.3 39.5



#48
2-Nitroaniline
Concen: 3.672 ng
RT: 13.669 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion: 65 Resp: 44541
Ion Ratio Lower Upper
65 100
92 66.5 50.0 75.0
138 101.0 71.2 106.8





#49

Acenaphthylene

Concen: 4.770 ng

RT: 14.310 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

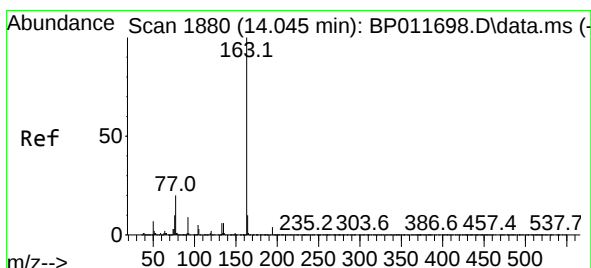
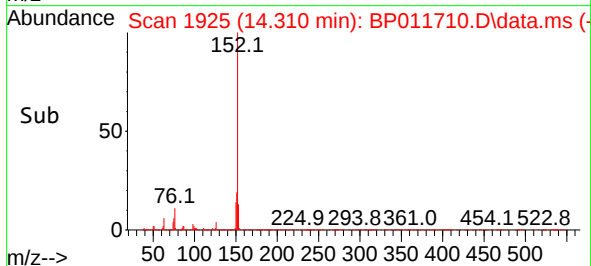
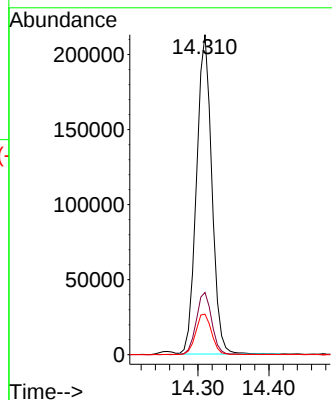
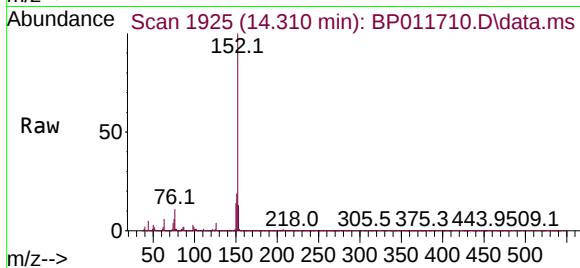
Tgt Ion:152 Resp: 319218

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 4.986 ng

RT: 14.045 min Scan# 1880

Delta R.T. -0.000 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

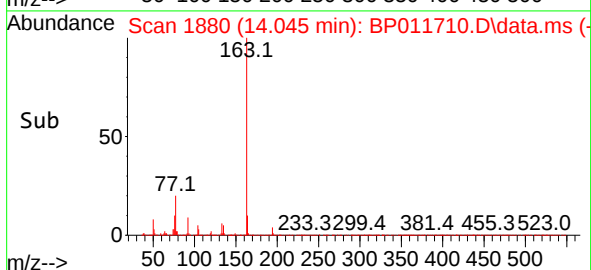
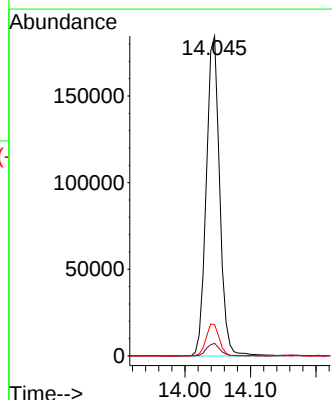
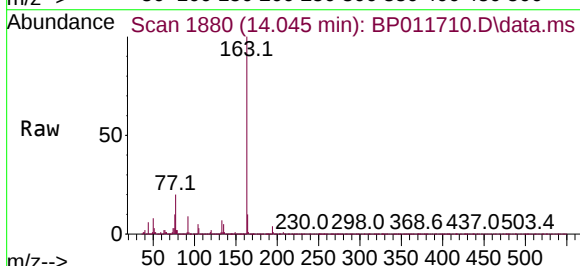
Tgt Ion:163 Resp: 262846

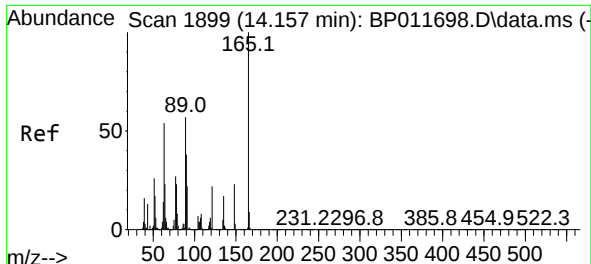
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.8 8.2 12.4

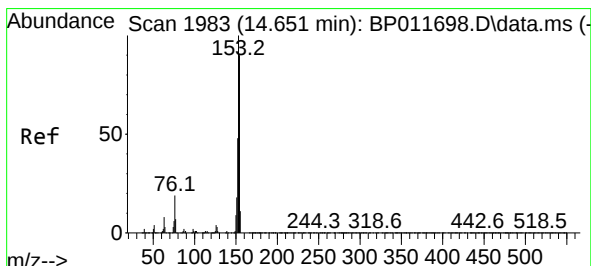
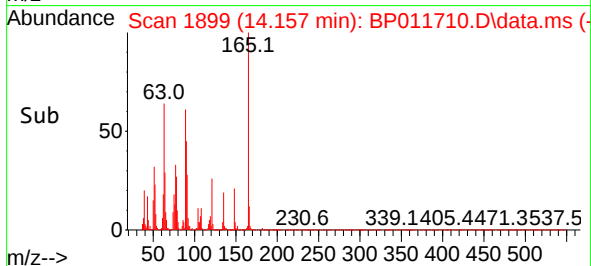
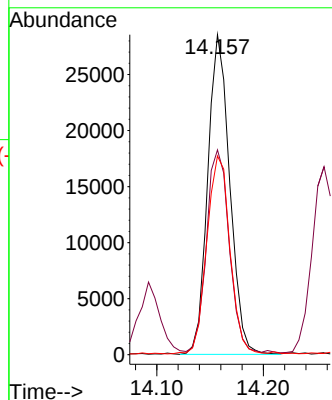
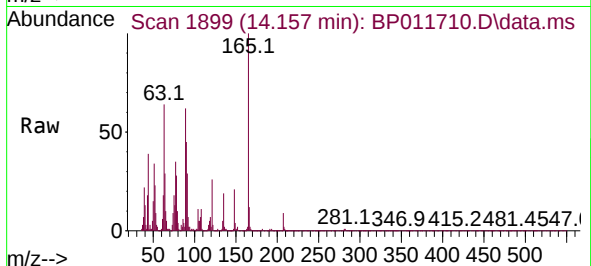




#51
2,6-Dinitrotoluene
Concen: 3.839 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

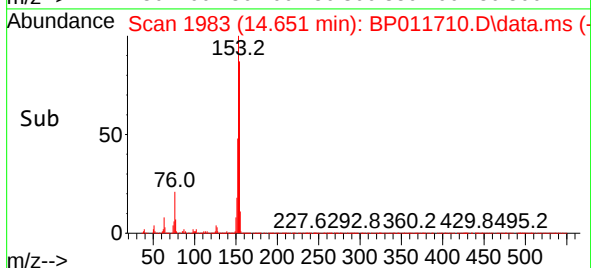
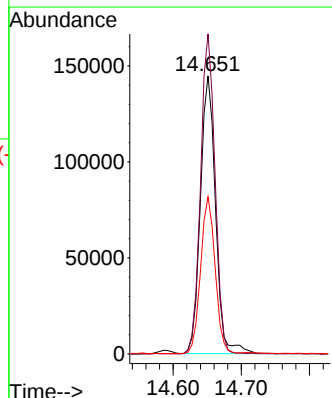
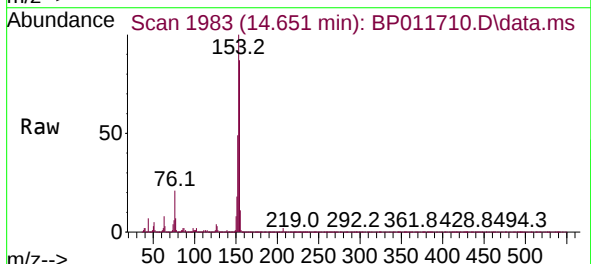
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

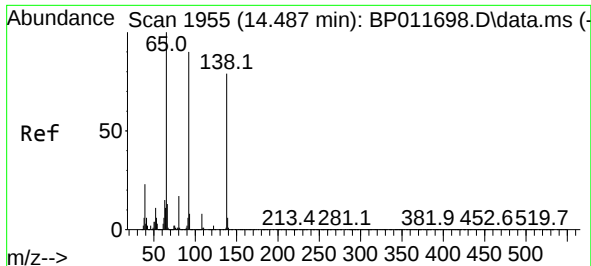
Tgt Ion:165 Resp: 41042
Ion Ratio Lower Upper
165 100
63 64.0 57.3 85.9
89 62.1 50.2 75.2



#52
Acenaphthene
Concen: 5.016 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:154 Resp: 223313
Ion Ratio Lower Upper
154 100
153 115.1 87.4 131.2
152 56.5 41.7 62.5

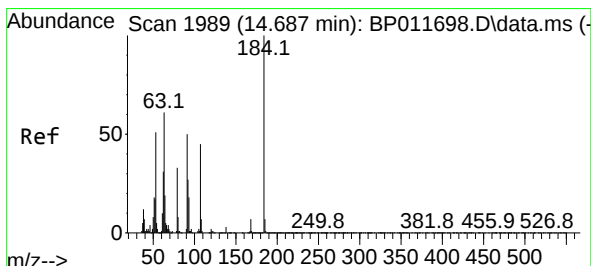
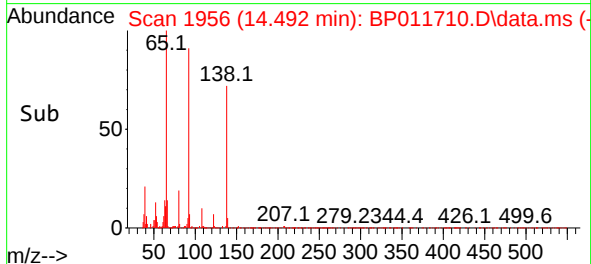
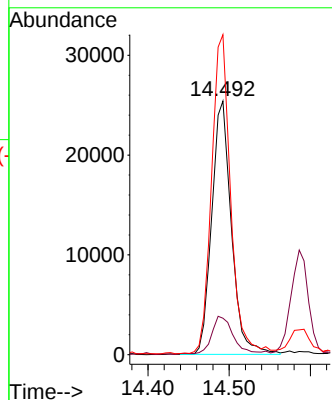
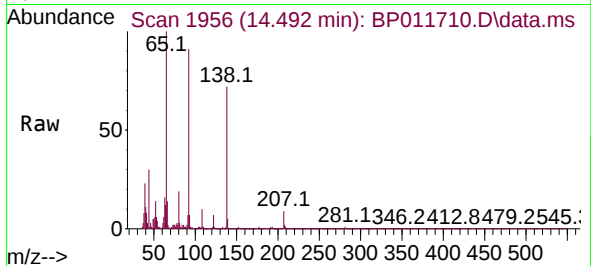




#53
3-Nitroaniline
Concen: 3.460 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

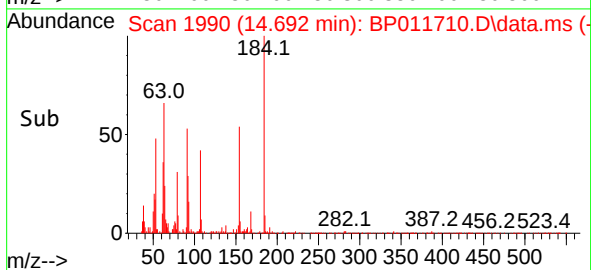
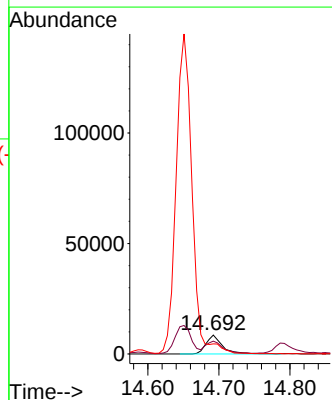
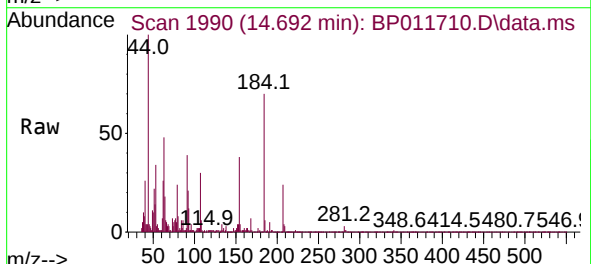
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

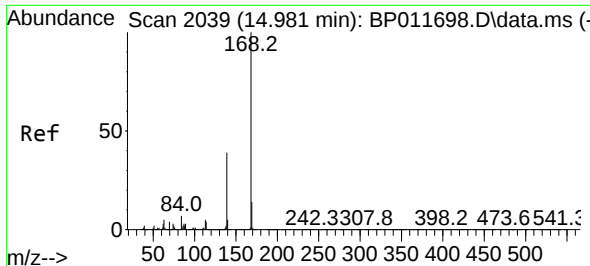
Tgt Ion:138 Resp: 42657
Ion Ratio Lower Upper
138 100
108 14.4 9.5 14.3#
92 126.2 99.9 149.9



#54
2,4-Dinitrophenol
Concen: 2.635 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:184 Resp: 13720
Ion Ratio Lower Upper
184 100
63 67.9 65.4 98.2
154 53.9 55.4 83.2#

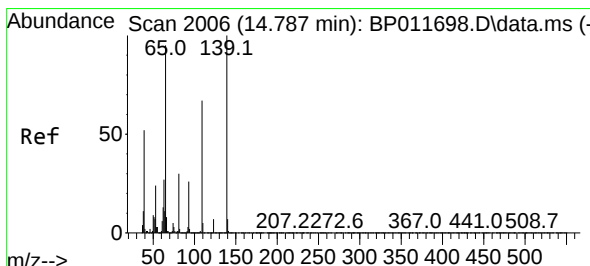
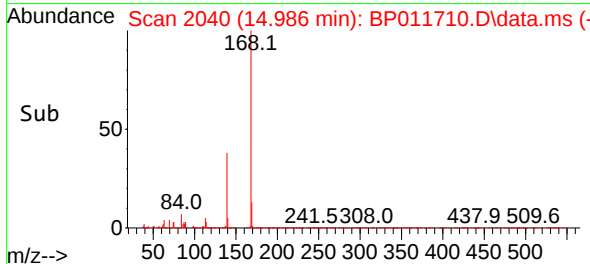
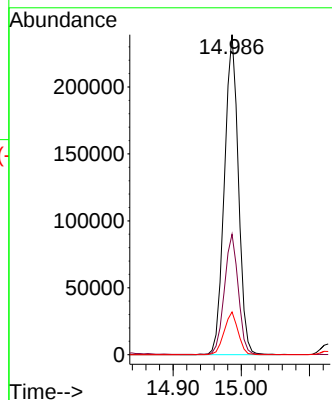
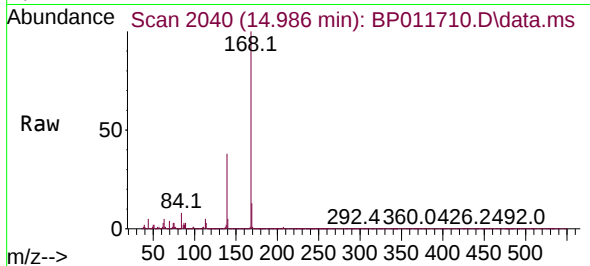




#55
Dibenzofuran
Concen: 5.324 ng
RT: 14.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

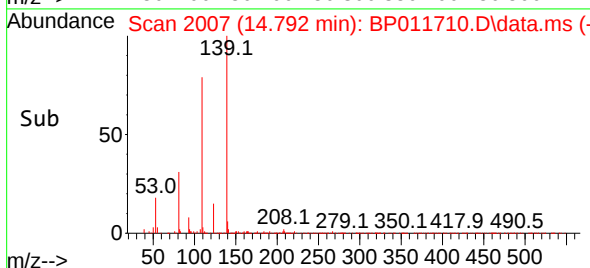
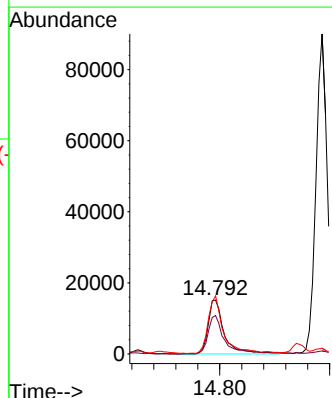
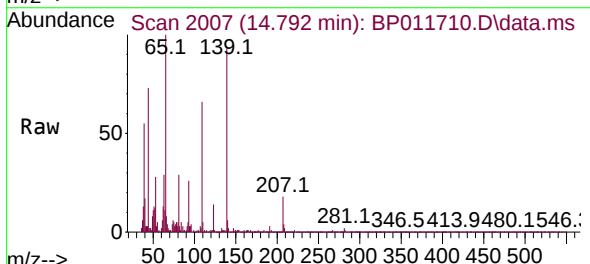
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

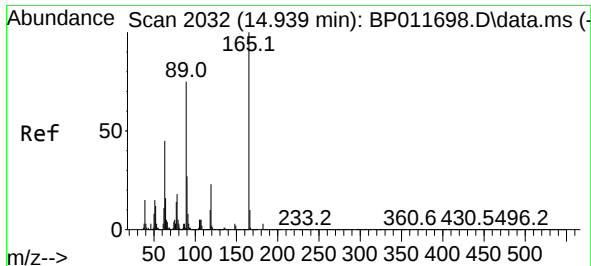
Tgt Ion:168 Resp: 341290
Ion Ratio Lower Upper
168 100
139 37.7 31.5 47.3
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 2.949 ng
RT: 14.792 min Scan# 2007
Delta R.T. 0.005 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:139 Resp: 30630
Ion Ratio Lower Upper
139 100
109 71.2 70.6 110.6
65 107.6 106.6 146.6

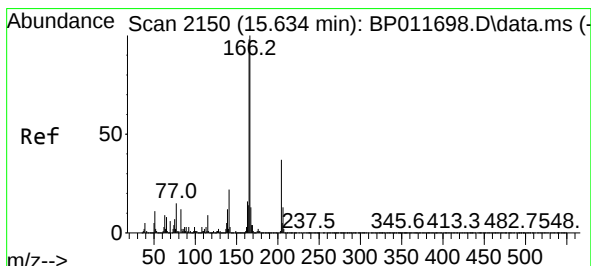
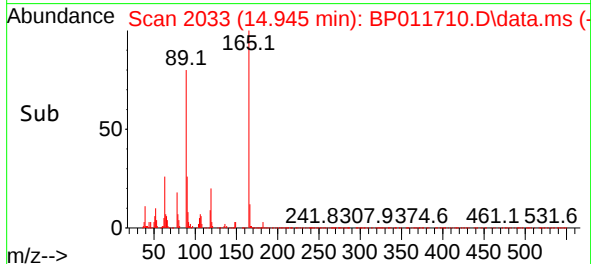
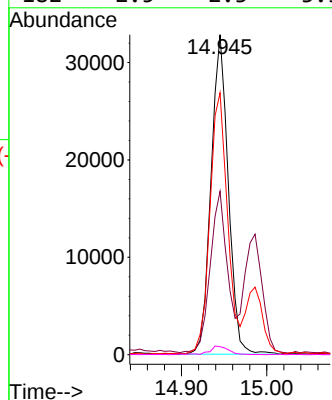
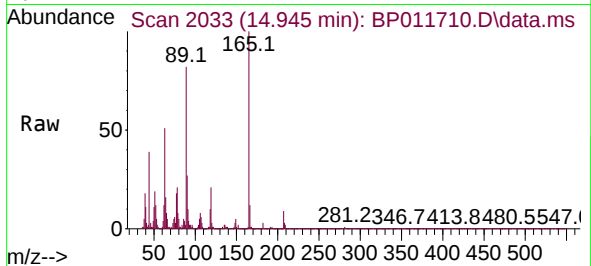




#57
2,4-Dinitrotoluene
Concen: 3.334 ng
RT: 14.945 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

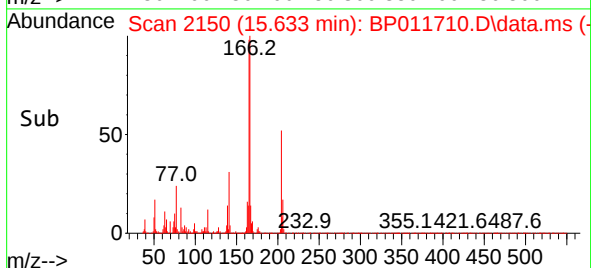
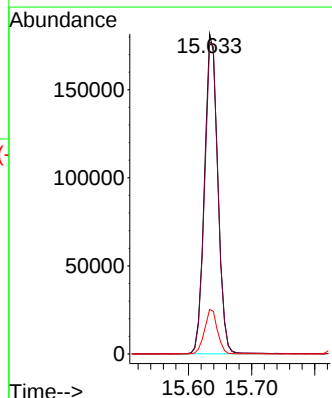
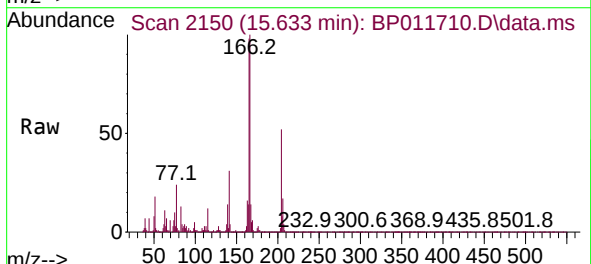
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

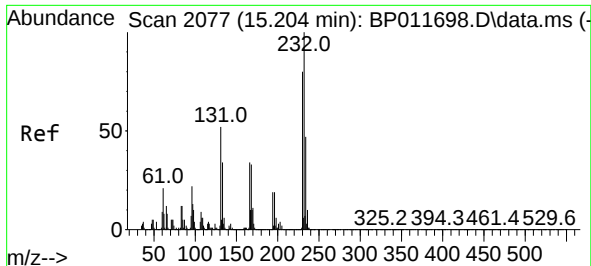
Tgt Ion:165 Resp: 46173
Ion Ratio Lower Upper
165 100
63 51.0 46.2 69.2
89 81.9 65.8 98.8
182 2.5 2.3 3.5



#58
Fluorene
Concen: 5.112 ng
RT: 15.633 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:166 Resp: 265799
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.4
167 13.9 10.9 16.3

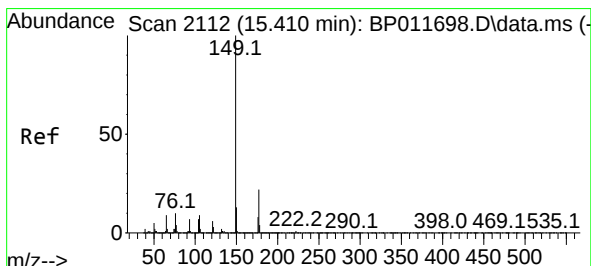
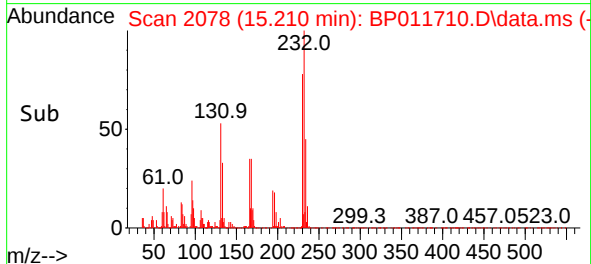
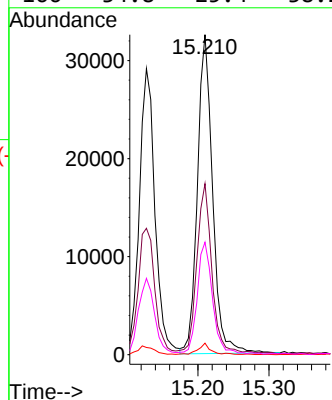
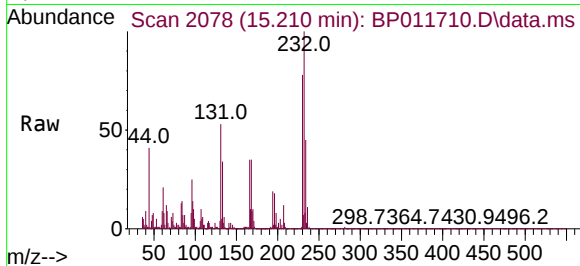




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.895 ng
RT: 15.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

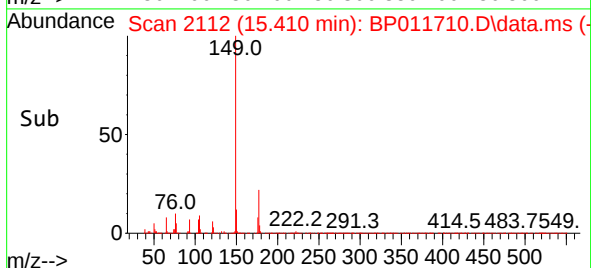
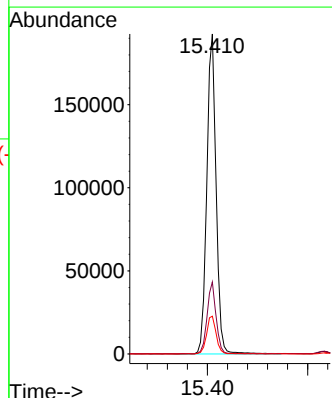
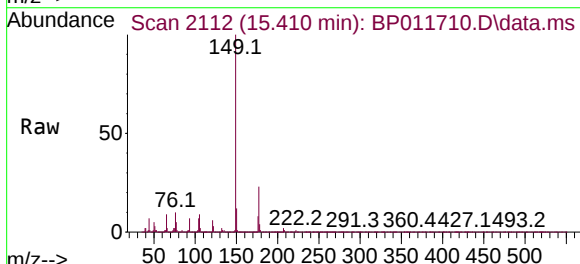
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

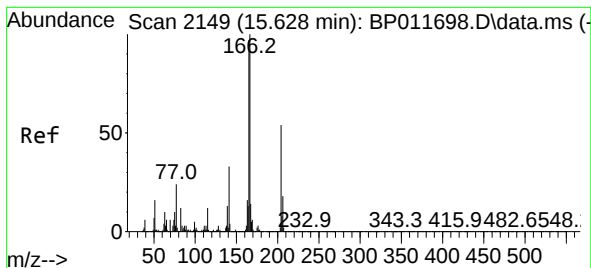
Tgt Ion:232	Resp:	48531
Ion Ratio	Lower	Upper
232	100	
131	53.4	37.0 55.6
130	2.6	2.2 3.2
166	34.8	25.4 38.2



#60
Diethylphthalate
Concen: 4.733 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:149	Resp:	248411
Ion Ratio	Lower	Upper
149	100	
177	22.5	17.8 26.8
150	11.8	9.9 14.9

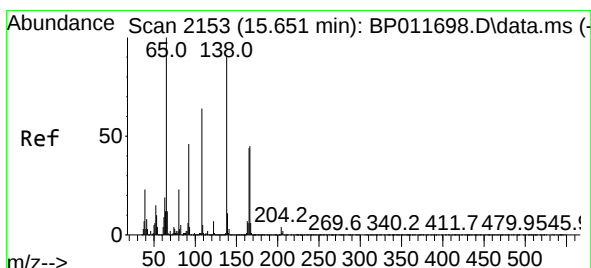
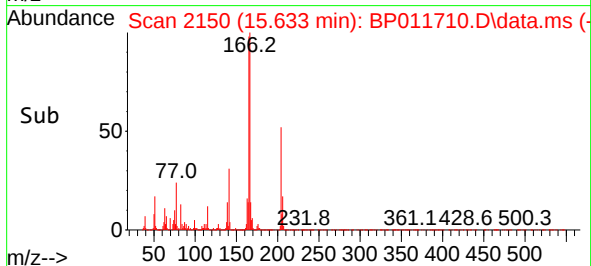
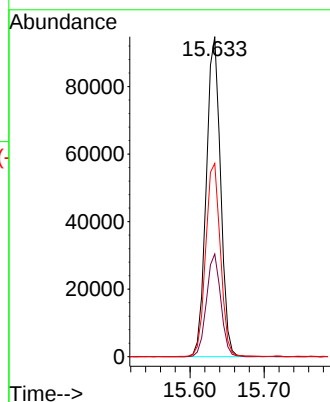
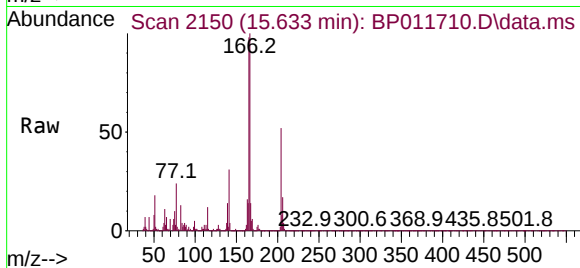




#61
4-Chlorophenyl-phenylether
Concen: 5.268 ng
RT: 15.633 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

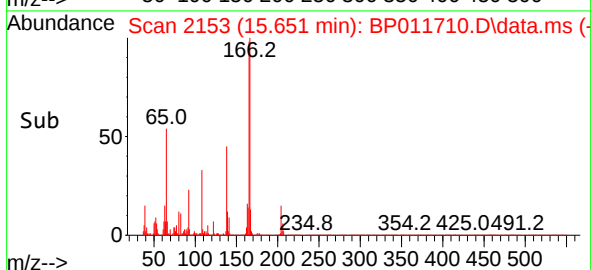
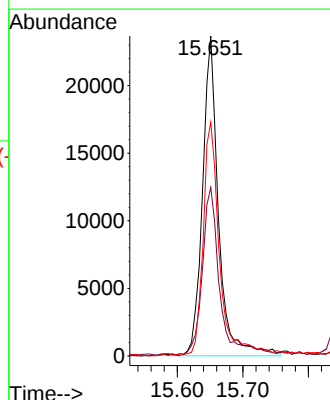
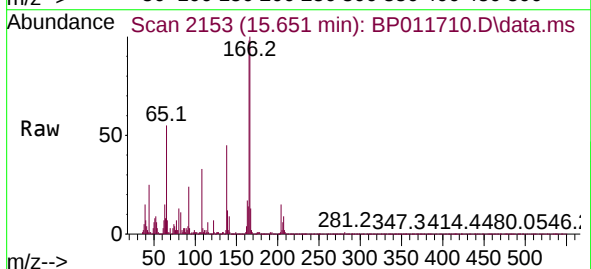
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

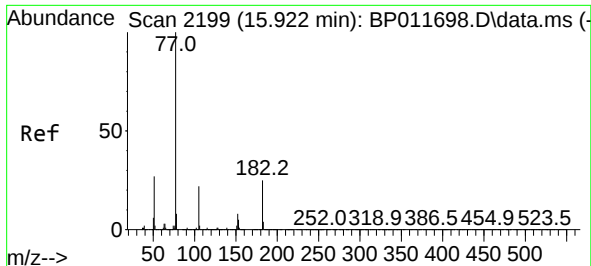
Tgt Ion:204 Resp: 126612
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 60.4 51.1 76.7



#62
4-Nitroaniline
Concen: 3.252 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:138 Resp: 40302
Ion Ratio Lower Upper
138 100
92 52.6 38.0 78.0
108 73.1 77.6 117.6#

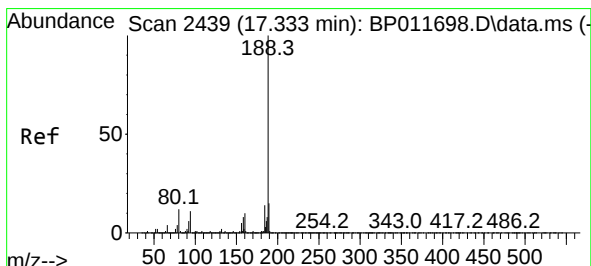
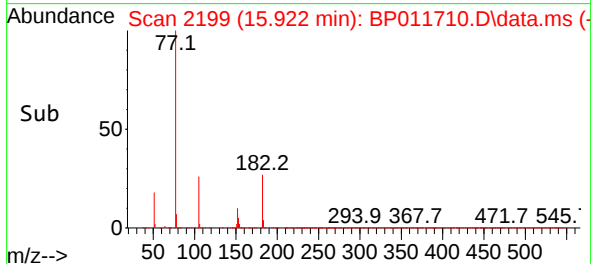
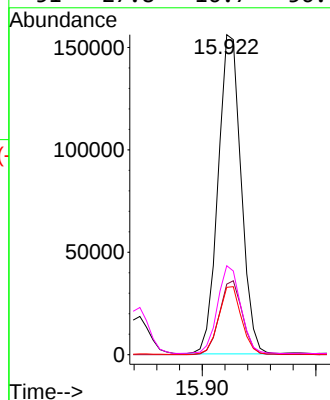
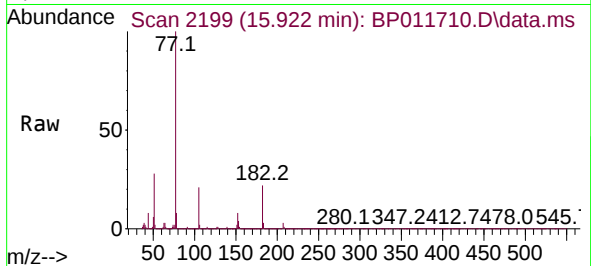




#63
Azobenzene
Concen: 4.353 ng
RT: 15.922 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

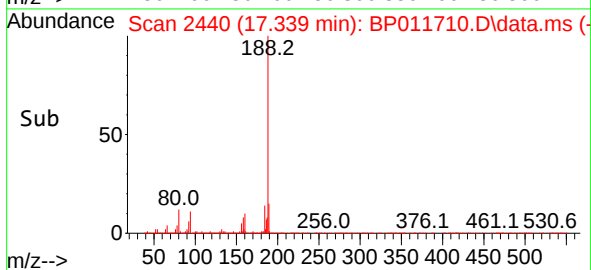
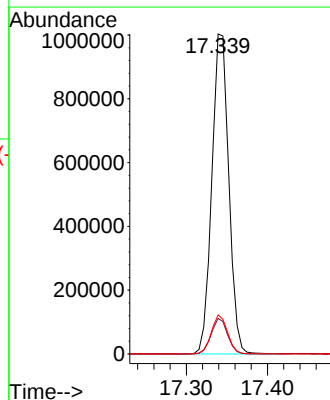
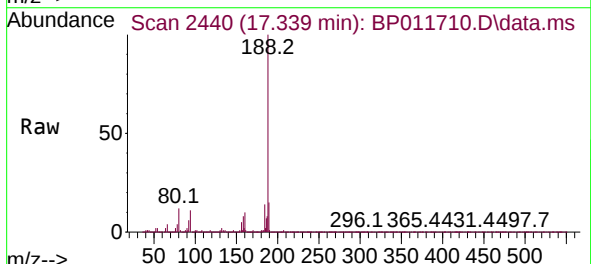
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

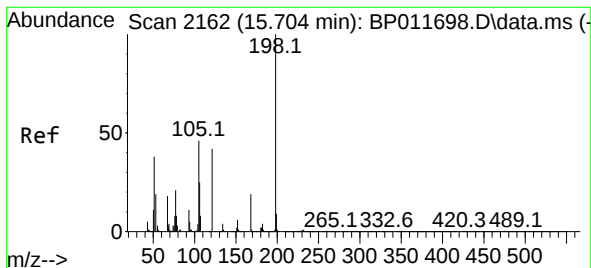
Tgt Ion: 77	Resp: 219567
Ion Ratio	Lower Upper
77 100	
182 22.0	3.0 43.0
105 21.1	0.0 38.6
51 27.8	16.7 56.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:188	Resp: 1452904		
Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.6	10.0#
80	12.2	8.0	12.0#

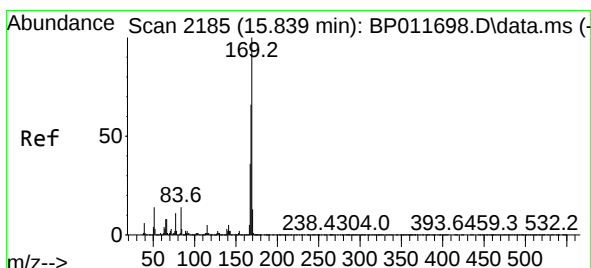
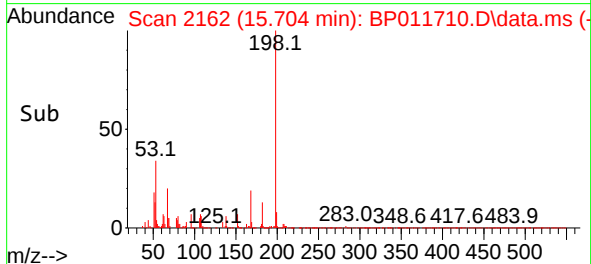
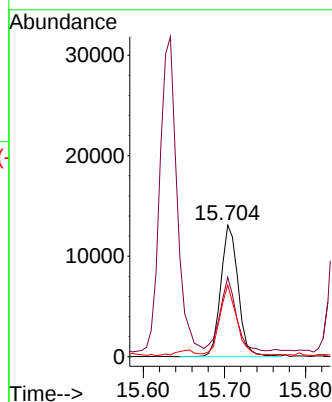
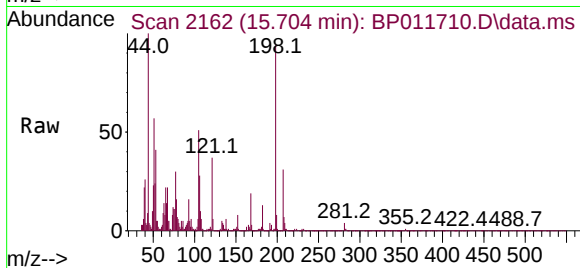




#65
4,6-Dinitro-2-methylphenol
Concen: 2.732 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

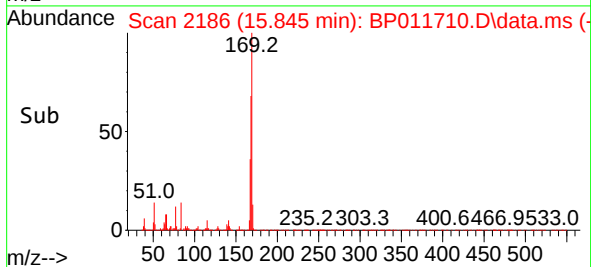
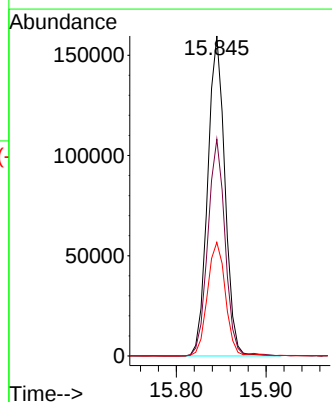
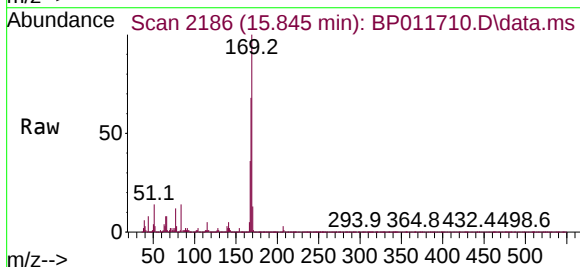
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2022

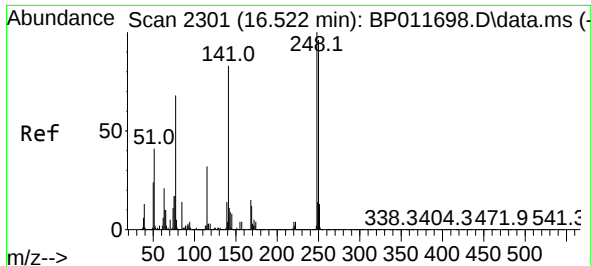
Tgt Ion:198 Resp: 19412
Ion Ratio Lower Upper
198 100
51 60.3 41.2 81.2
105 54.5 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 4.920 ng
RT: 15.845 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:169 Resp: 212682
Ion Ratio Lower Upper
169 100
168 67.7 51.8 77.8
167 35.5 28.3 42.5

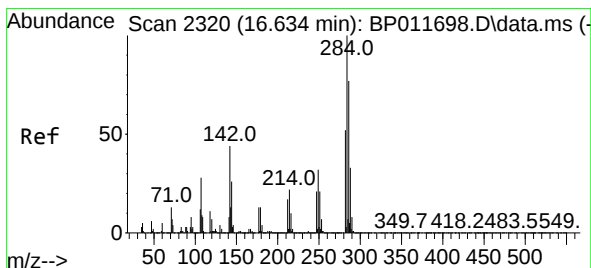
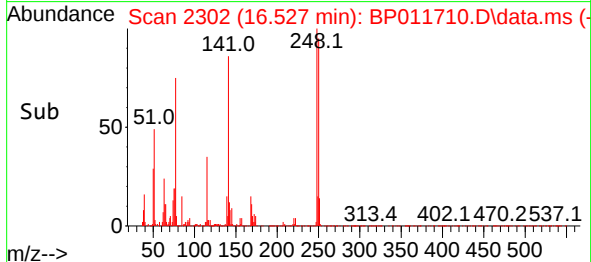
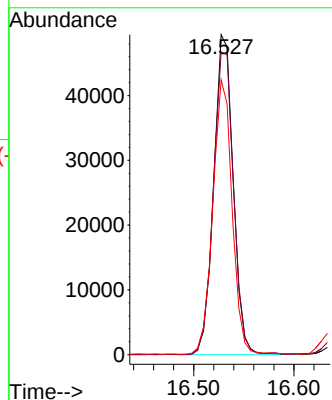
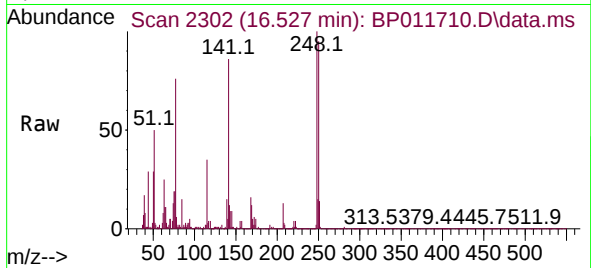




#67
4-Bromophenyl-phenylether
Concen: 4.894 ng
RT: 16.527 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

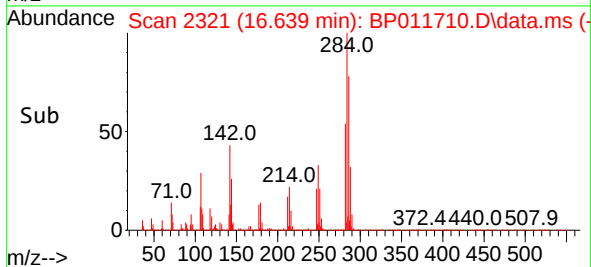
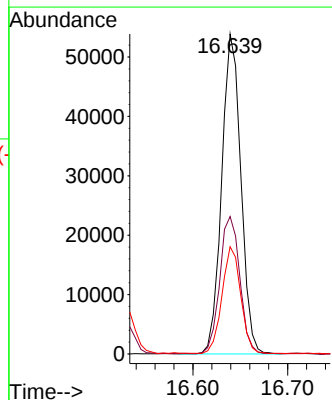
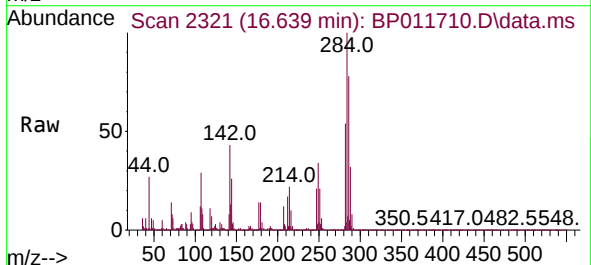
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

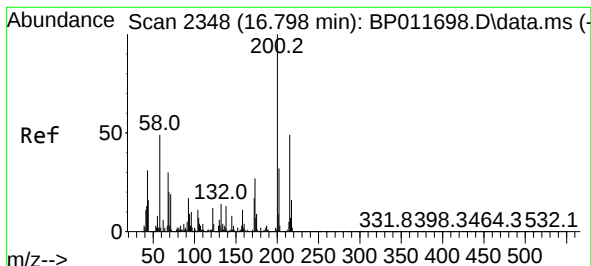
Tgt Ion:248 Resp: 66560
Ion Ratio Lower Upper
248 100
250 94.6 77.7 116.5
141 85.9 62.0 93.0



#68
Hexachlorobenzene
Concen: 5.182 ng
RT: 16.639 min Scan# 2321
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:284 Resp: 75905
Ion Ratio Lower Upper
284 100
142 43.0 30.8 46.2
249 33.5 26.8 40.2





#69

Atrazine

Concen: 4.551 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

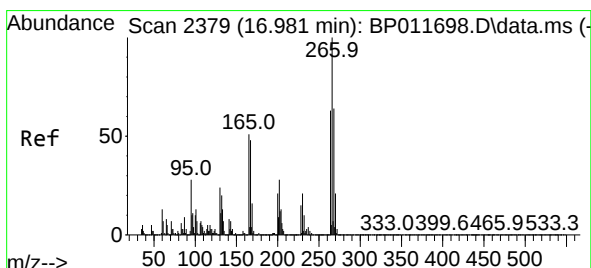
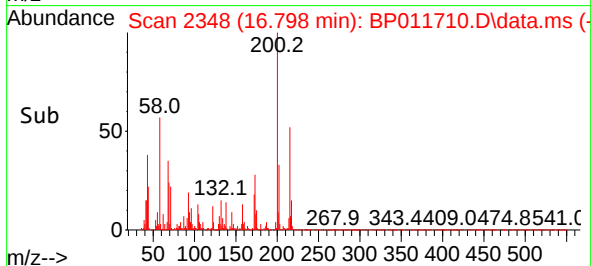
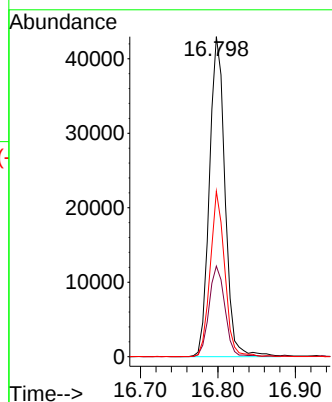
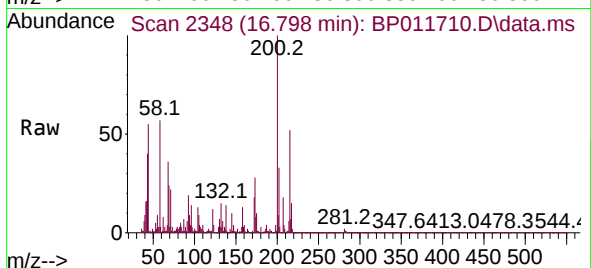
Tgt Ion:200 Resp: 60050

Ion Ratio Lower Upper

200 100

173 28.3 5.3 45.3

215 51.7 29.4 69.4



#70

Pentachlorophenol

Concen: 3.275 ng

RT: 16.986 min Scan# 2380

Delta R.T. 0.005 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

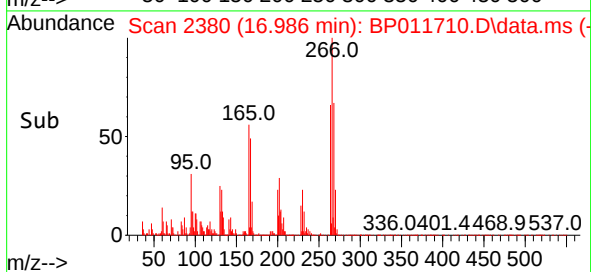
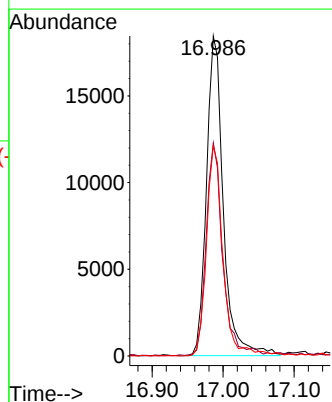
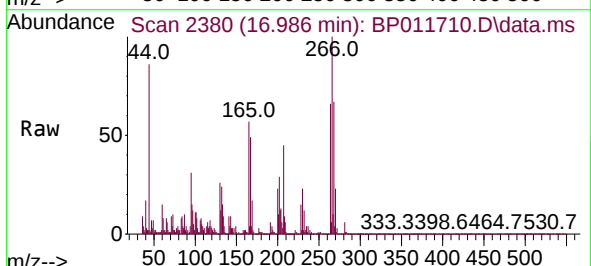
Tgt Ion:266 Resp: 30431

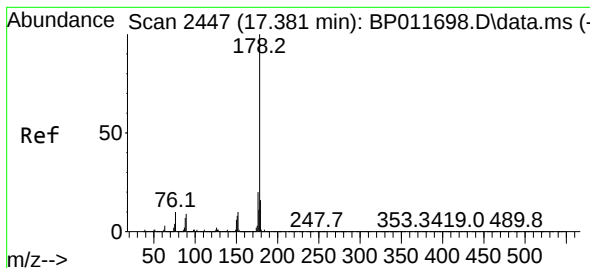
Ion Ratio Lower Upper

266 100

268 66.6 50.5 75.7

264 65.7 50.4 75.6





#71

Phenanthrene

Concen: 5.200 ng

RT: 17.386 min Scan# 2447

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

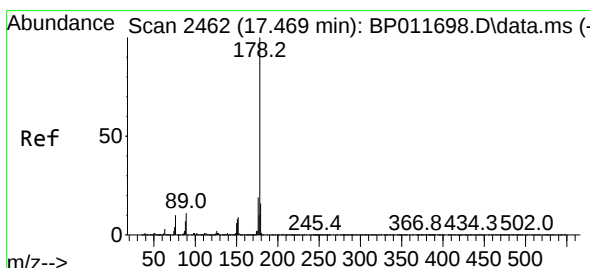
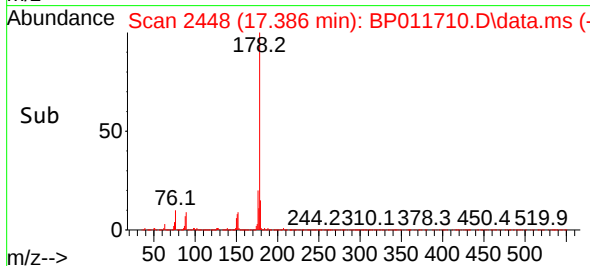
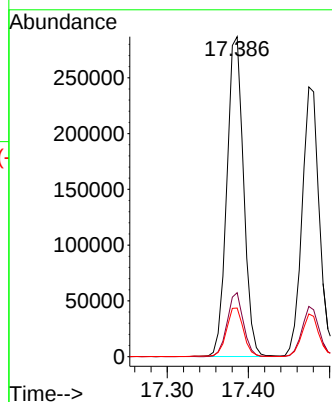
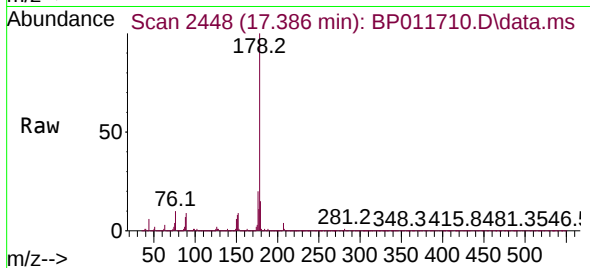
Tgt Ion:178 Resp: 411100

Ion Ratio Lower Upper

178 100

176 20.0 14.7 22.1

179 15.2 12.2 18.2



#72

Anthracene

Concen: 4.920 ng

RT: 17.474 min Scan# 2463

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

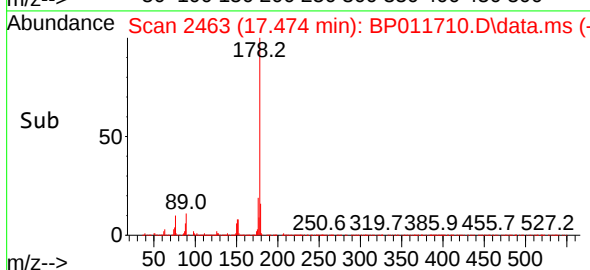
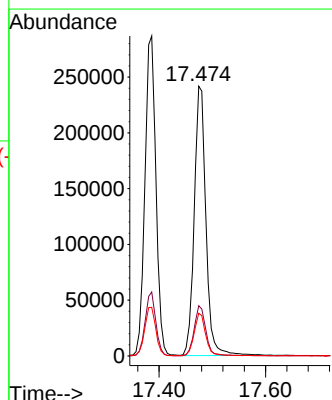
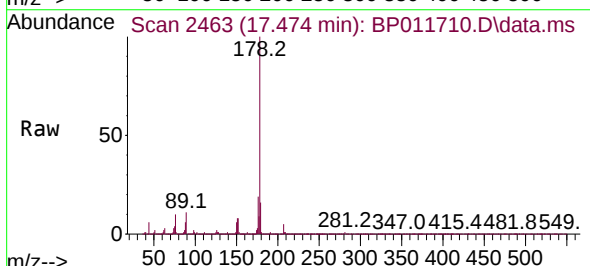
Tgt Ion:178 Resp: 367855

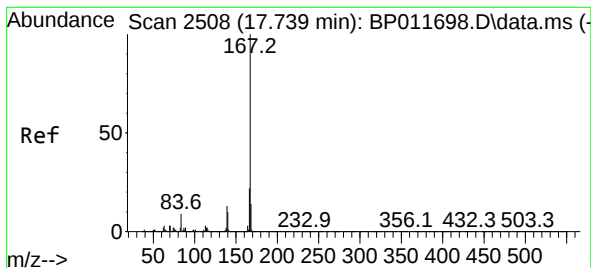
Ion Ratio Lower Upper

178 100

176 18.7 14.5 21.7

179 15.9 12.2 18.4





#73

Carbazole

Concen: 4.818 ng

RT: 17.745 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

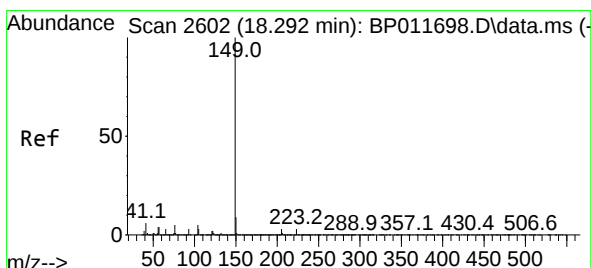
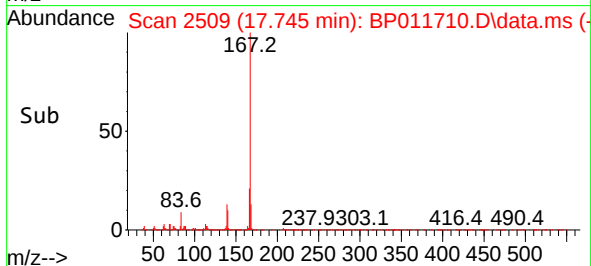
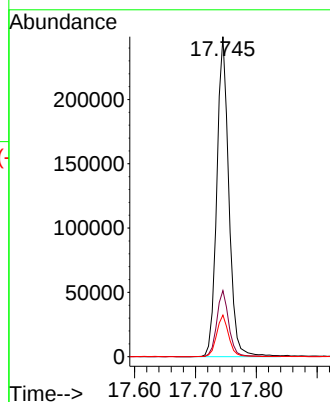
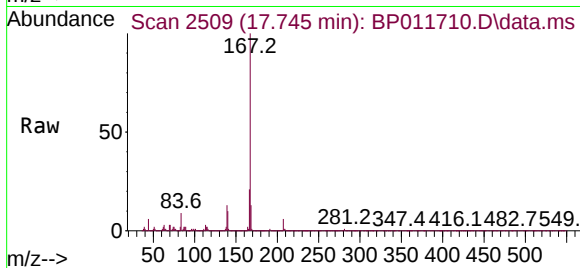
Tgt Ion:167 Resp: 339878

Ion Ratio Lower Upper

167 100

166 20.7 16.9 25.3

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 4.052 ng

RT: 18.298 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

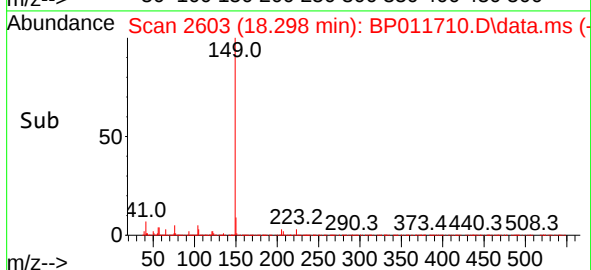
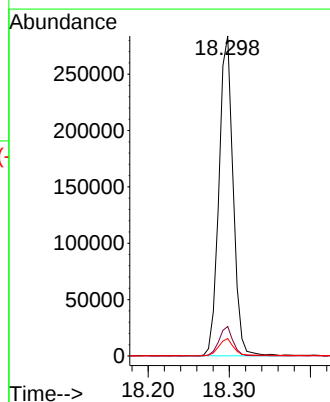
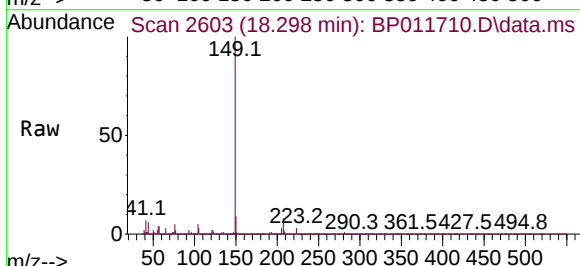
Tgt Ion:149 Resp: 344490

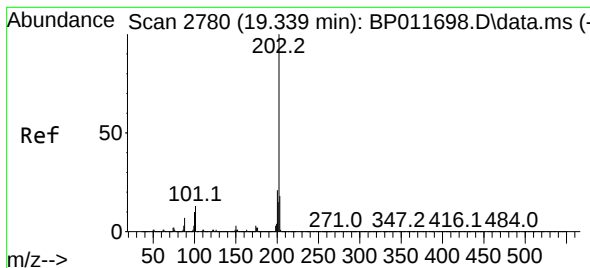
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 4.772 ng

RT: 19.345 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

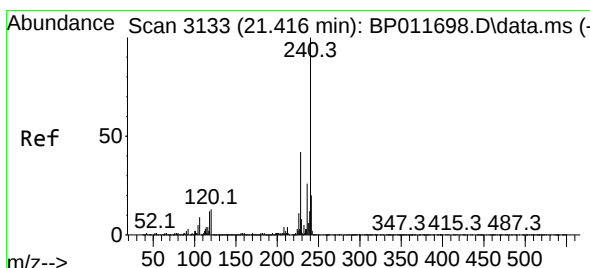
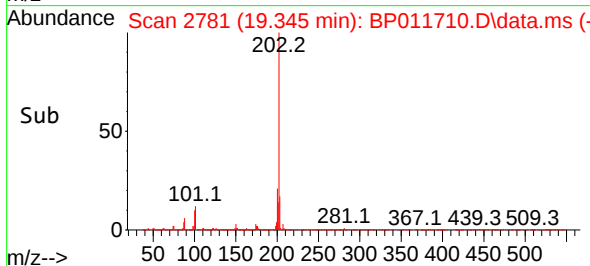
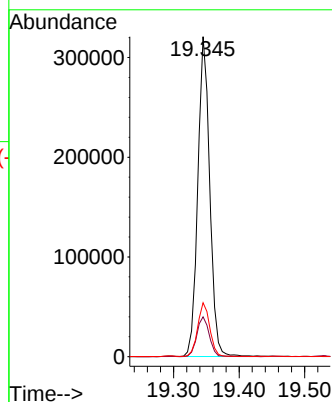
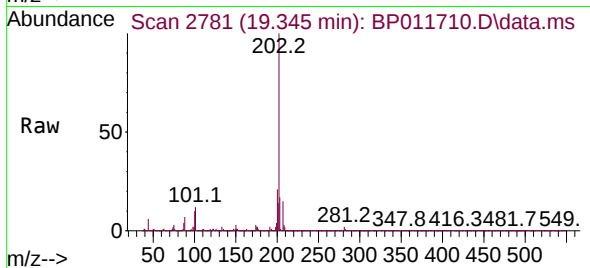
Tgt Ion:202 Resp: 406851

Ion Ratio Lower Upper

202 100

101 12.4 0.0 29.6

203 16.9 0.0 36.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3134

Delta R.T. 0.005 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

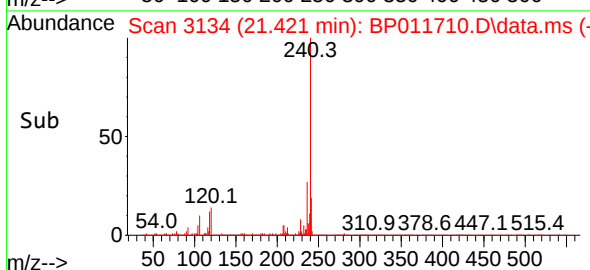
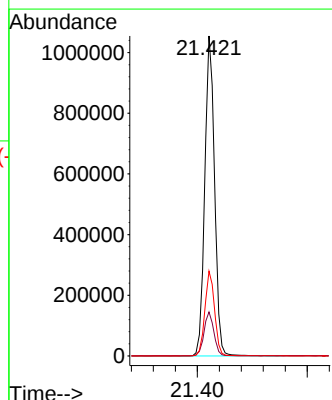
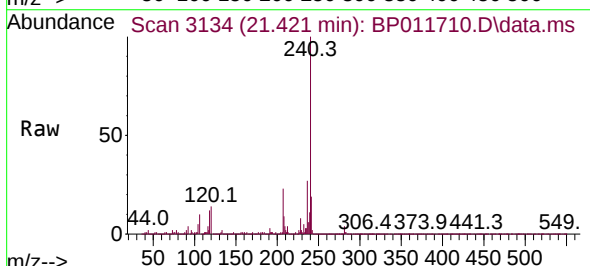
Tgt Ion:240 Resp: 1304869

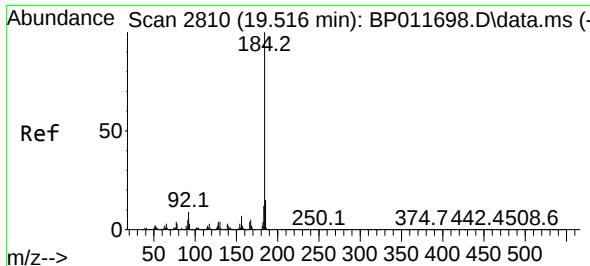
Ion Ratio Lower Upper

240 100

120 13.8 8.6 12.8#

236 26.5 19.8 29.6

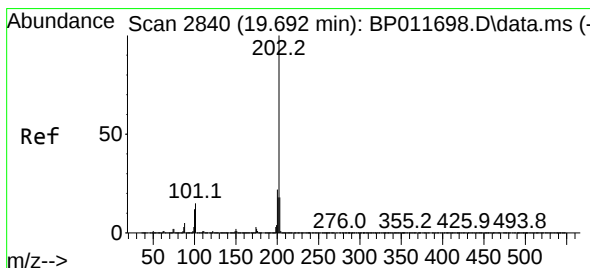
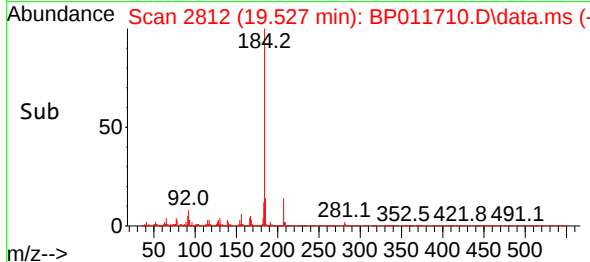
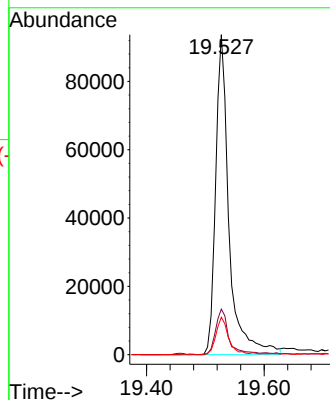
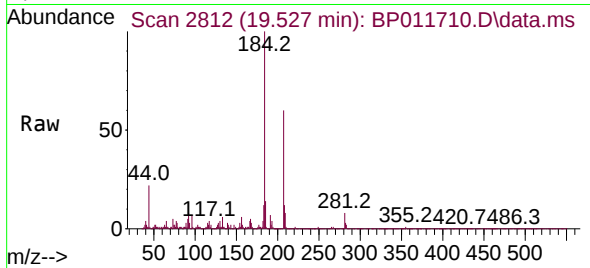




#77
Benzidine
Concen: 4.765 ng
RT: 19.527 min Scan# 2812
Delta R.T. 0.011 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

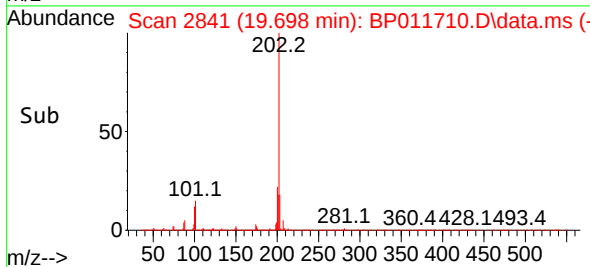
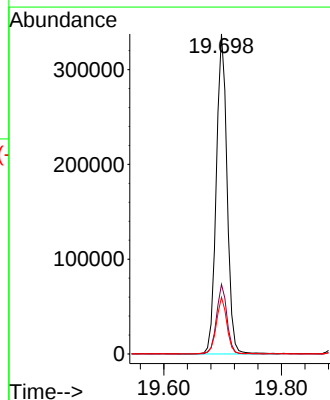
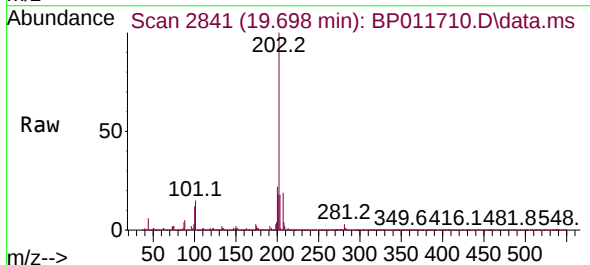
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

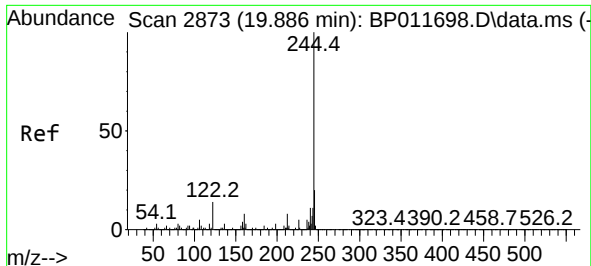
Tgt Ion:184 Resp: 147866
Ion Ratio Lower Upper
184 100
185 14.3 10.7 16.1
183 11.7 9.0 13.6



#78
Pyrene
Concen: 4.875 ng
RT: 19.698 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:202 Resp: 429081
Ion Ratio Lower Upper
202 100
200 21.7 16.3 24.5
203 17.7 14.2 21.4

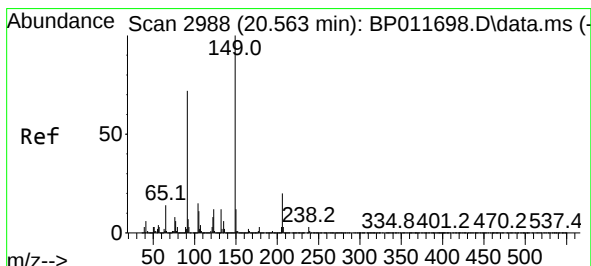
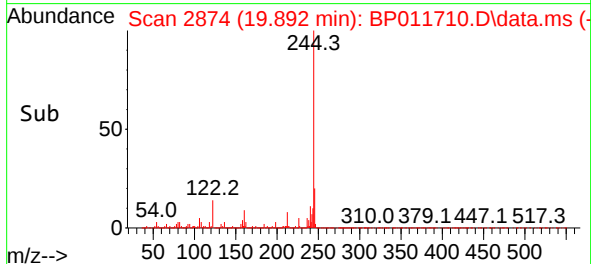
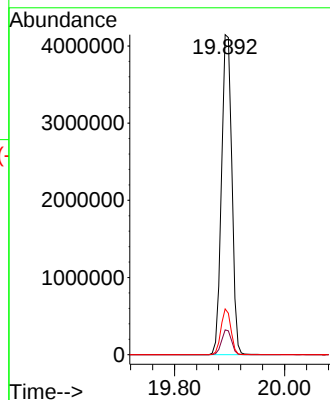
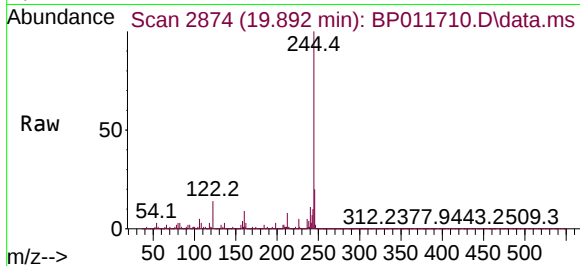




#79
 Terphenyl-d14
 Concen: 90.086 ng
 RT: 19.892 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP011710.D
 Acq: 15 Sep 2022 14:55

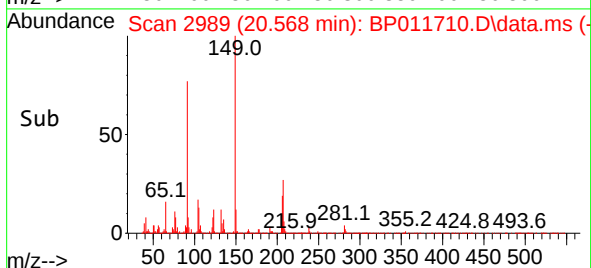
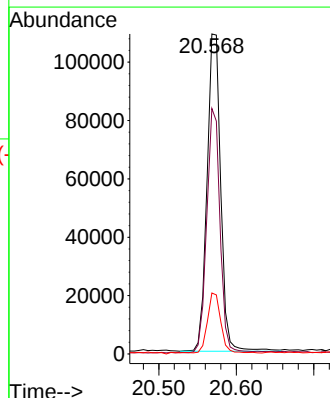
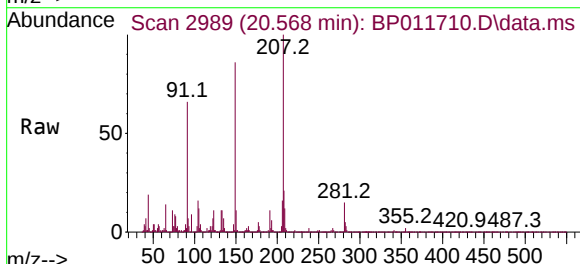
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

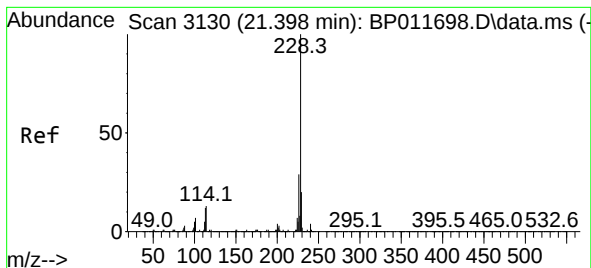
Tgt Ion:244 Resp: 5405686
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 14.3 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 3.614 ng
 RT: 20.568 min Scan# 2989
 Delta R.T. 0.006 min
 Lab File: BP011710.D
 Acq: 15 Sep 2022 14:55

Tgt Ion:149 Resp: 133303
 Ion Ratio Lower Upper
 149 100
 91 76.7 62.5 93.7
 206 19.1 17.0 25.4





#81

Benzo(a)anthracene

Concen: 4.914 ng

RT: 21.410 min Scan# 3130

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

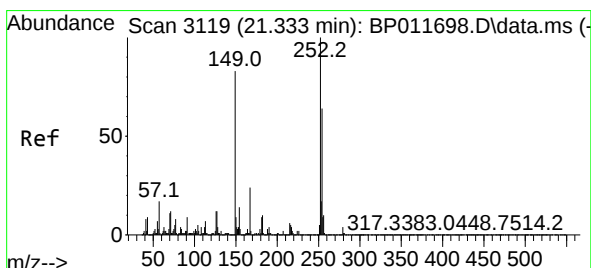
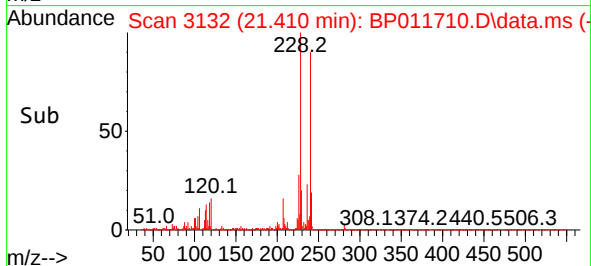
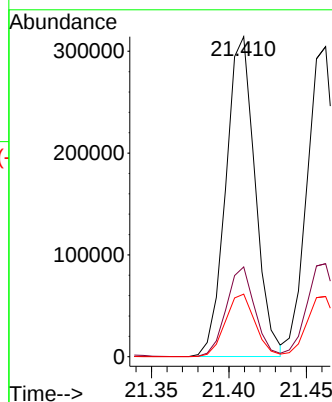
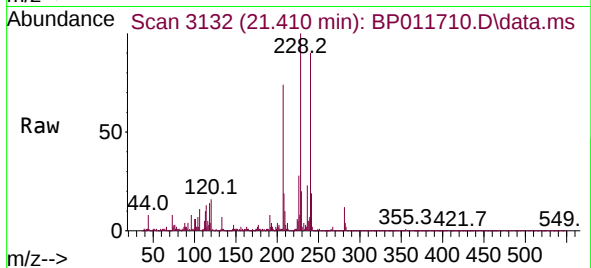
Tgt Ion:228 Resp: 413263

Ion Ratio Lower Upper

228 100

226 28.0 20.8 31.2

229 19.6 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 4.755 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

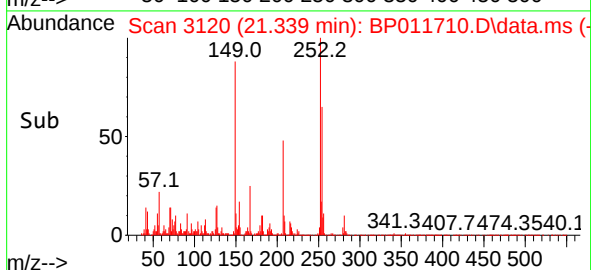
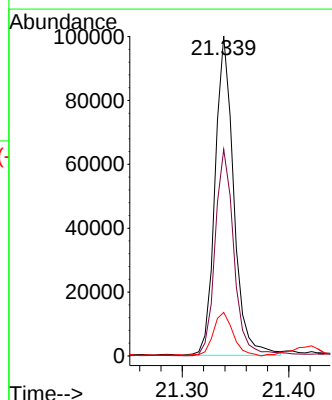
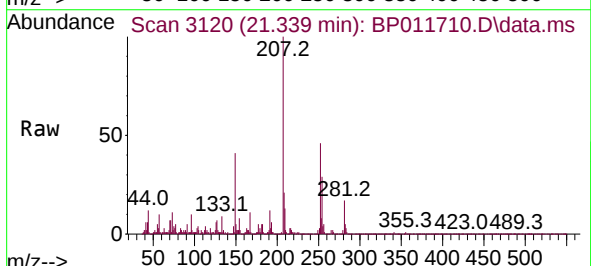
Tgt Ion:252 Resp: 121471

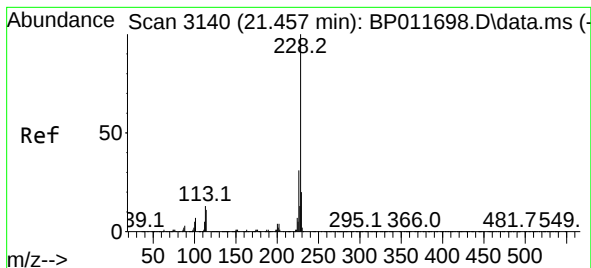
Ion Ratio Lower Upper

252 100

254 64.6 51.1 76.7

126 13.6 8.4 12.6#





#83

Chrysene

Concen: 5.047 ng

RT: 21.462 min Scan# 3140

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

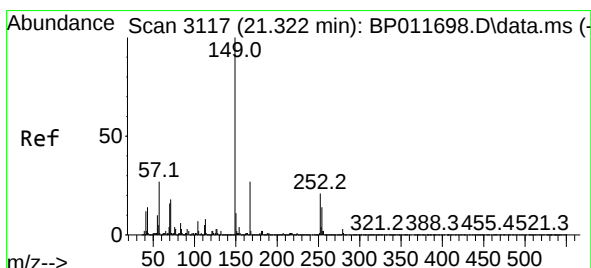
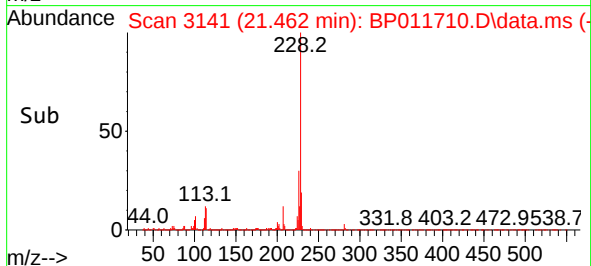
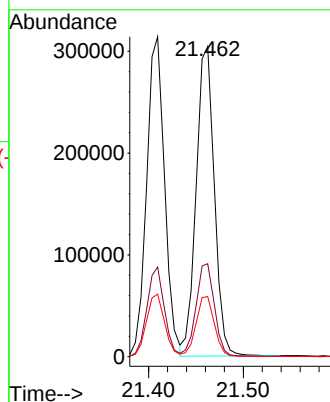
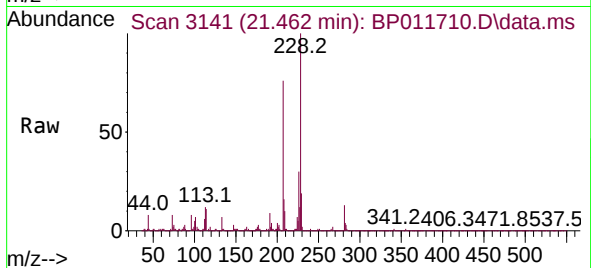
Tgt Ion:228 Resp: 405582

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.605 ng

RT: 21.333 min Scan# 3119

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

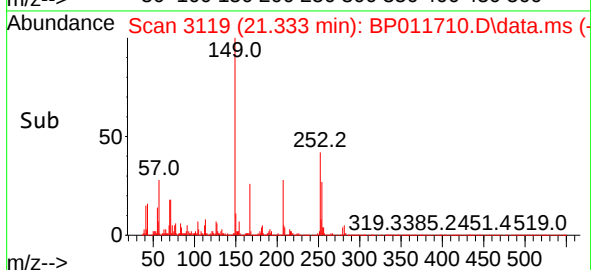
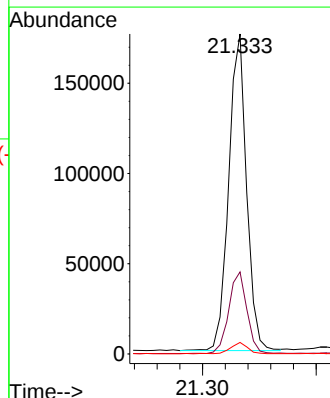
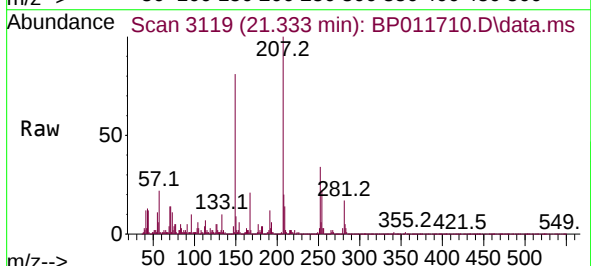
Tgt Ion:149 Resp: 191251

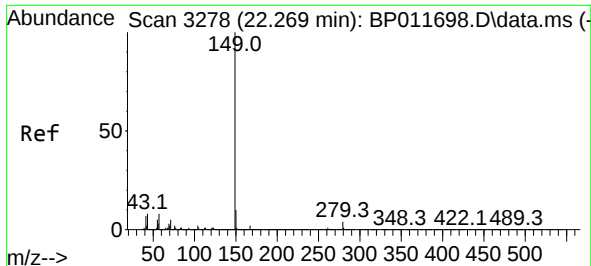
Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.8

279 3.6 3.7 5.5#

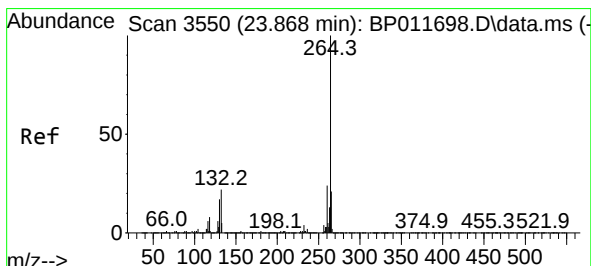
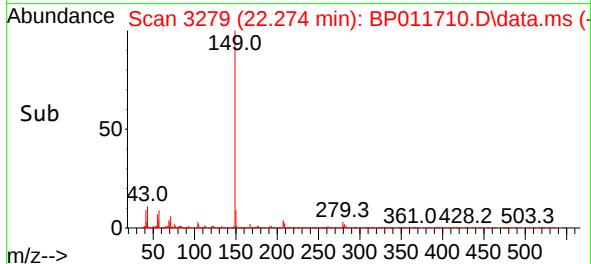
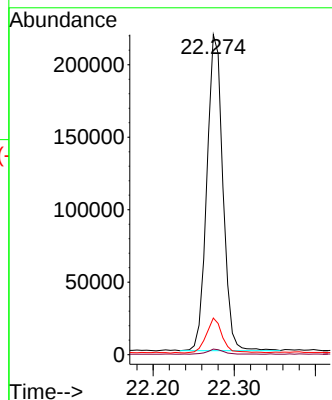
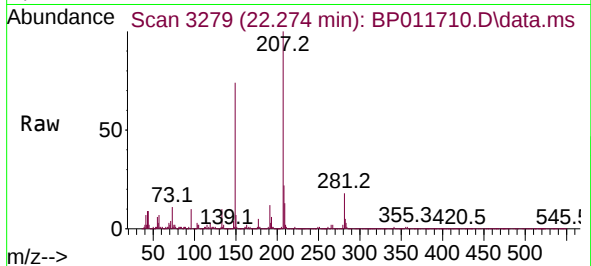




#85
Di-n-octyl phthalate
Concen: 3.260 ng
RT: 22.274 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

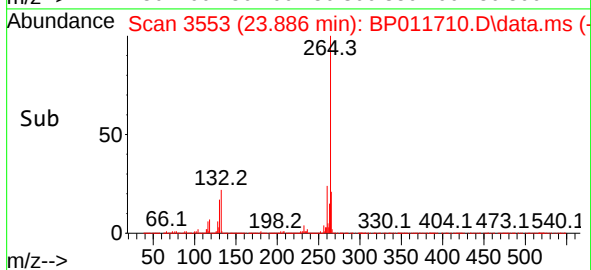
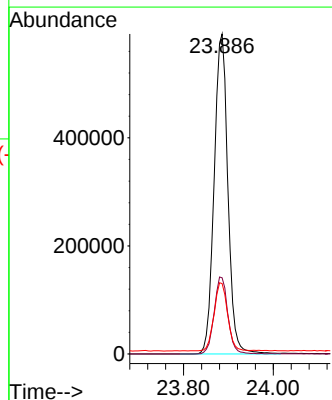
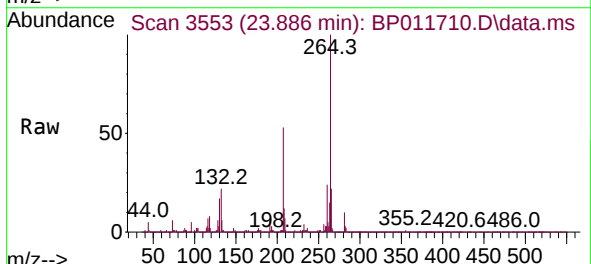
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

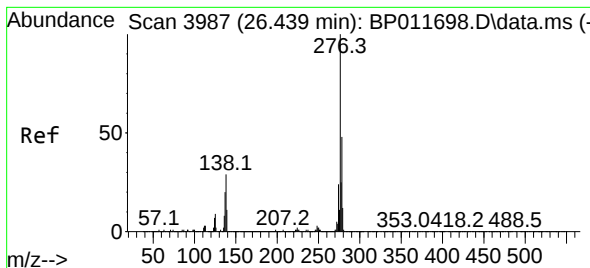
Tgt Ion:149 Resp: 296835
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.886 min Scan# 3553
Delta R.T. 0.017 min
Lab File: BP011710.D
Acq: 15 Sep 2022 14:55

Tgt Ion:264 Resp: 1259641
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.0 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.631 ng

RT: 26.450 min Scan# 3424

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

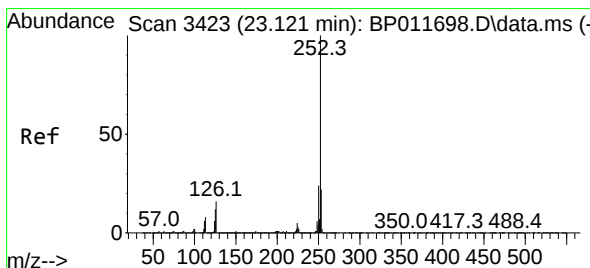
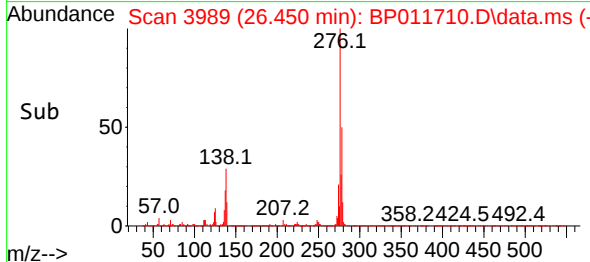
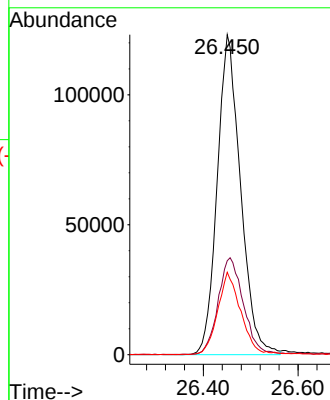
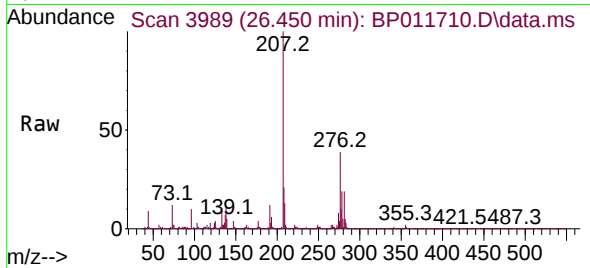
Tgt Ion:276 Resp: 420273

Ion Ratio Lower Upper

276 100

138 32.6 17.5 26.3#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 5.092 ng

RT: 23.127 min Scan# 3424

Delta R.T. 0.006 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

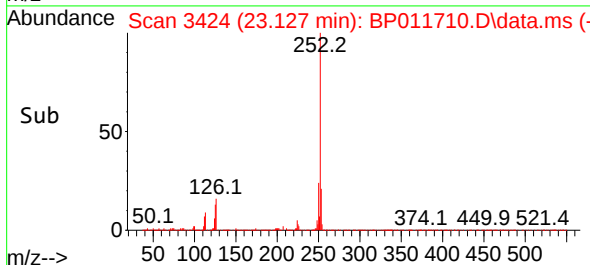
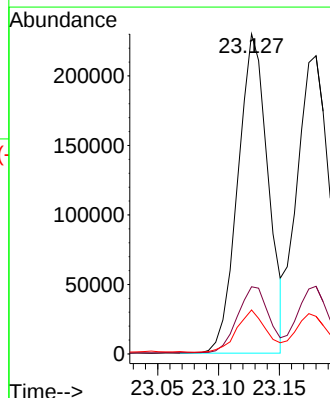
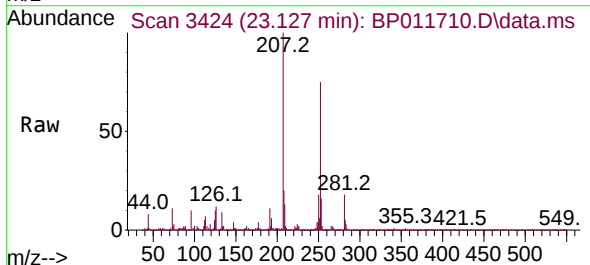
Tgt Ion:252 Resp: 396683

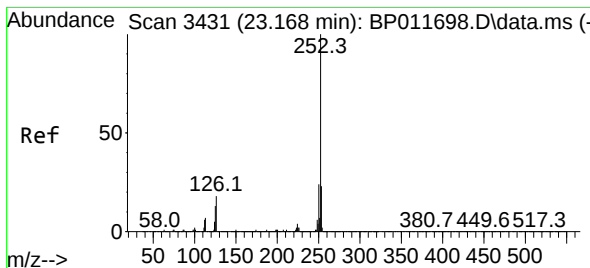
Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.6

125 13.8 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 5.185 ng

RT: 23.180 min Scan# 3431

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

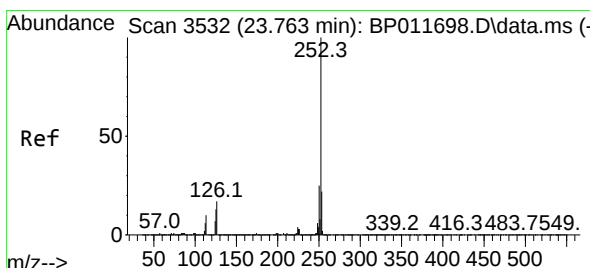
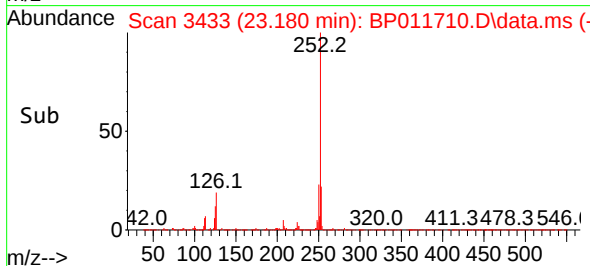
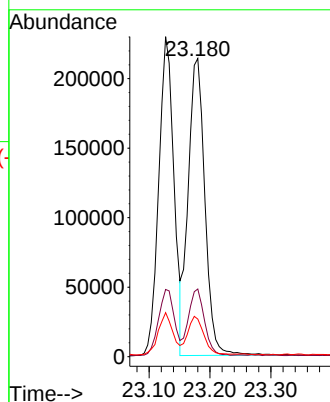
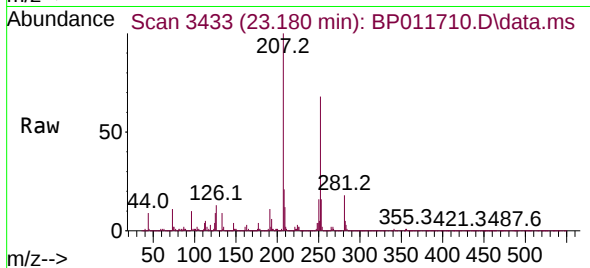
Tgt Ion:252 Resp: 407038

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 12.6 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 4.985 ng

RT: 23.774 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

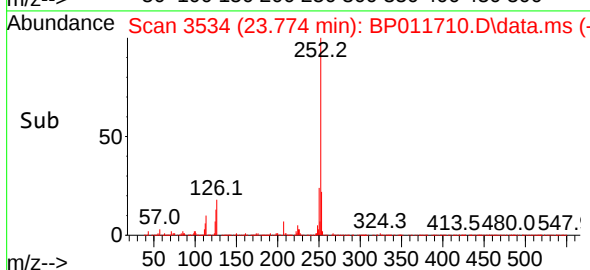
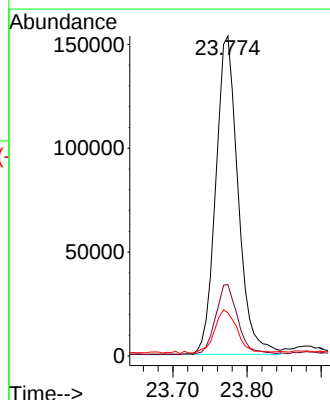
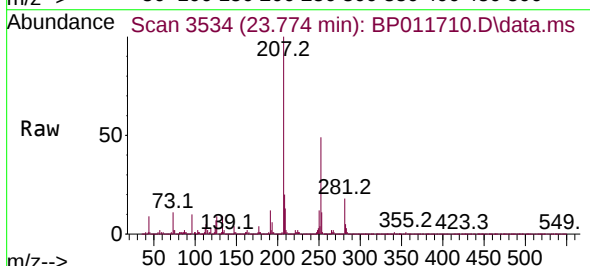
Tgt Ion:252 Resp: 320810

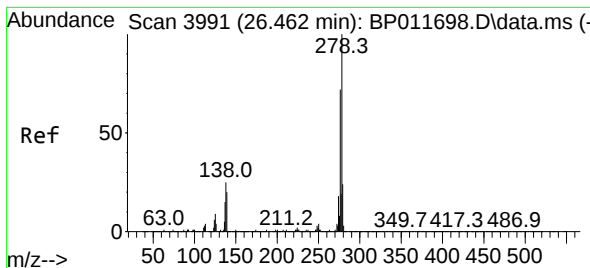
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 13.5 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 5.007 ng

RT: 26.474 min Scan# 3991

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2022

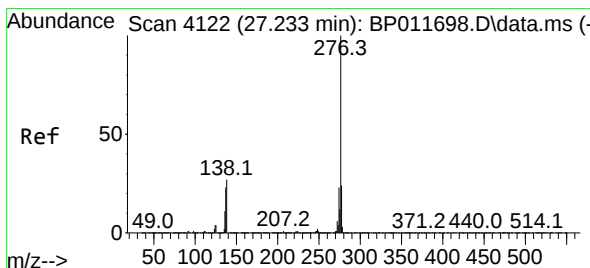
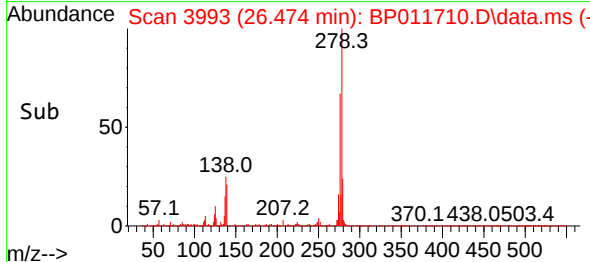
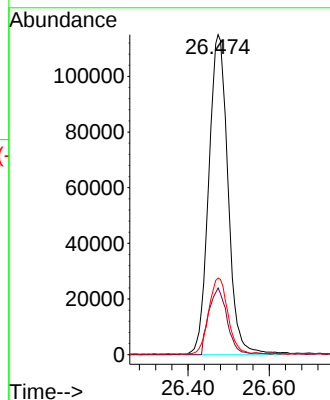
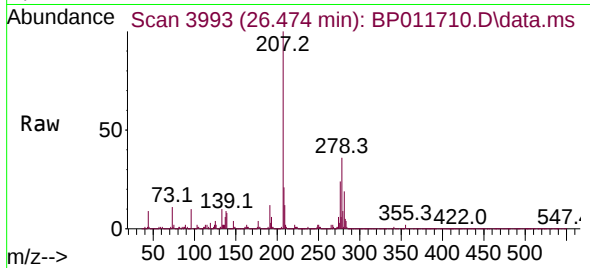
Tgt Ion:278 Resp: 377314

Ion Ratio Lower Upper

278 100

139 20.9 11.4 17.0#

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 5.121 ng

RT: 27.244 min Scan# 4124

Delta R.T. 0.012 min

Lab File: BP011710.D

Acq: 15 Sep 2022 14:55

Tgt Ion:276 Resp: 376182

Ion Ratio Lower Upper

276 100

277 22.8 18.7 28.1

138 27.1 15.2 22.8#

