

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111721\
 Data File : BP008003.D
 Acq On : 17 Nov 2021 14:48
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 17 15:14:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 17 11:32:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	149397	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	552673	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	391224	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	876157	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1088691	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	1246692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	925442	100.489	ng	0.00
7) Phenol-d6	7.016	99	1252067	102.196	ng	0.00
23) Nitrobenzene-d5	8.999	82	783922	75.905	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	735361	119.465	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2012973	72.174	ng	0.00
79) Terphenyl-d14	19.804	244	3569272	66.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	29509	7.614	ng	97
3) Pyridine	3.740	79	103890	9.345	ng	96
4) n-Nitrosodimethylamine	3.640	42	39239	9.555	ng	# 91
6) Aniline	7.169	93	139413	10.077	ng	97
8) 2-Chlorophenol	7.405	128	89196	9.161	ng	98
9) Benzaldehyde	6.981	77	61644	7.801	ng	99
10) Phenol	7.040	94	112394	9.456	ng	92
11) bis(2-Chloroethyl)ether	7.263	93	87273	8.934	ng	96
12) 1,3-Dichlorobenzene	7.728	146	102155	9.330	ng	99
13) 1,4-Dichlorobenzene	7.875	146	103249	9.276	ng	98
14) 1,2-Dichlorobenzene	8.193	146	91924	8.178	ng	98
15) Benzyl Alcohol	8.081	79	84782	9.149	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	96140	8.144	ng	97
17) 2-Methylphenol	8.287	107	70103	8.564	ng	98
18) Hexachloroethane	8.922	117	33864	8.971	ng	92
19) n-Nitroso-di-n-propyla...	8.652	70	66776	8.755	ng	# 94
20) 3+4-Methylphenols	8.616	107	96097	8.471	ng	95
22) Acetophenone	8.663	105	91633	6.518	ng	99
24) Nitrobenzene	9.040	77	101690	10.303	ng	99
25) Isophorone	9.569	82	175915	9.793	ng	99
26) 2-Nitrophenol	9.752	139	45270	8.984	ng	95
27) 2,4-Dimethylphenol	9.822	122	81967	11.012	ng	91
28) bis(2-Chloroethoxy)met...	10.052	93	110005	9.229	ng	99
29) 2,4-Dichlorophenol	10.293	162	86899	9.484	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	101672	9.698	ng	99
31) Naphthalene	10.687	128	275923	9.777	ng	99
32) Benzoic acid	9.934	122	63996	9.949	ng	98
33) 4-Chloroaniline	10.804	127	118246	9.755	ng	98
34) Hexachlorobutadiene	10.981	225	69818	9.746	ng	99
35) Caprolactam	11.593	113	16931	8.414	ng	# 88
36) 4-Chloro-3-methylphenol	11.934	107	97600	9.427	ng	98
37) 2-Methylnaphthalene	12.298	142	211217	10.241	ng	97
38) 1-Methylnaphthalene	12.522	142	197620	9.824	ng	98
40) 1,2,4,5-Tetrachloroben...	12.675	216	82394	6.321	ng	98
41) Hexachlorocyclopentadiene	12.657	237	58236	9.730	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	78566	8.820	ng	96

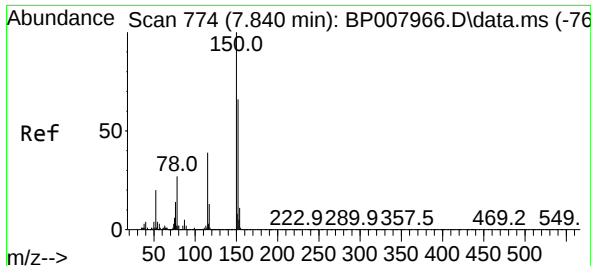
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 QLast Update : Wed Nov 17 11:32:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	86744	8.963	ng	96
46) 1,1'-Biphenyl	13.316	154	185322	6.342	ng	98
47) 2-Chloronaphthalene	13.357	162	219143	9.587	ng	98
48) 2-Nitroaniline	13.557	65	58592	9.031	ng	95
49) Acenaphthylene	14.198	152	338156	9.725	ng	99
50) Dimethylphthalate	13.940	163	295650	9.552	ng	100
51) 2,6-Dinitrotoluene	14.057	165	60780	9.452	ng	98
52) Acenaphthene	14.545	154	208045	9.996	ng	98
53) 3-Nitroaniline	14.387	138	59313	9.047	ng	99
54) 2,4-Dinitrophenol	14.598	184	45548	11.737	ng #	88
55) Dibenzofuran	14.881	168	345317	9.756	ng	96
56) 4-Nitrophenol	14.704	139	61315	11.475	ng	90
57) 2,4-Dinitrotoluene	14.845	165	83462	9.751	ng	93
58) Fluorene	15.534	166	276563	9.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	79981	9.073	ng	100
60) Diethylphthalate	15.310	149	289703	9.710	ng	100
61) 4-Chlorophenyl-phenyle...	15.528	204	150736	9.897	ng	99
62) 4-Nitroaniline	15.551	138	61119	9.071	ng #	83
63) Azobenzene	15.822	77	246936	9.831	ng	98
65) 4,6-Dinitro-2-methylph...	15.616	198	45329	7.894	ng	94
66) n-Nitrosodiphenylamine	15.745	169	246760	9.839	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	99148	9.676	ng	95
68) Hexachlorobenzene	16.545	284	116331	10.080	ng	93
69) Atrazine	16.698	200	65050	9.949	ng	98
70) Pentachlorophenol	16.892	266	71758	10.196	ng	97
71) Phenanthrene	17.281	178	462309	9.904	ng	99
72) Anthracene	17.369	178	464121	10.143	ng	100
73) Carbazole	17.645	167	421021	9.343	ng	99
74) Di-n-butylphthalate	18.204	149	481813	9.448	ng	100
75) Fluoranthene	19.251	202	588438	9.956	ng	97
77) Benzidine	19.427	184	196463	11.761	ng	100
78) Pyrene	19.604	202	618726	9.503	ng	99
80) Butylbenzylphthalate	20.480	149	229071	8.521	ng	97
81) Benzo(a)anthracene	21.316	228	669532	9.342	ng	100
82) 3,3'-Dichlorobenzidine	21.251	252	242665	7.335	ng	99
83) Chrysene	21.369	228	664409	9.672	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	361325	9.414	ng #	97
85) Di-n-octyl phthalate	22.174	149	635095	8.979	ng	97
87) Indeno(1,2,3-cd)pyrene	26.239	276	888200	9.868	ng #	93
88) Benzo(b)fluoranthene	22.998	252	737290	9.935	ng #	98
89) Benzo(k)fluoranthene	23.051	252	752027	10.144	ng #	98
90) Benzo(a)pyrene	23.627	252	718217	11.316	ng #	97
91) Dibenzo(a,h)anthracene	26.257	278	754060	10.099	ng #	97
92) Benzo(g,h,i)perylene	27.004	276	755401	10.263	ng #	95

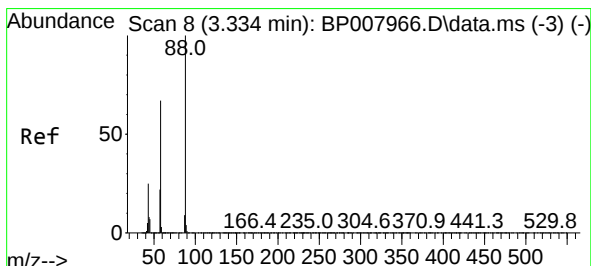
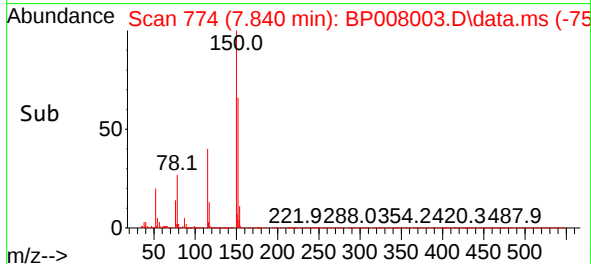
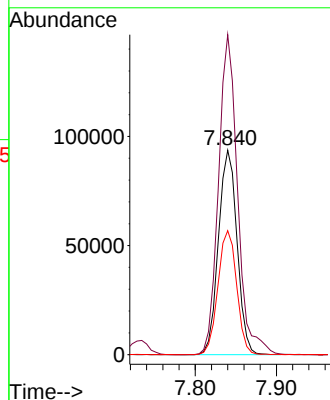
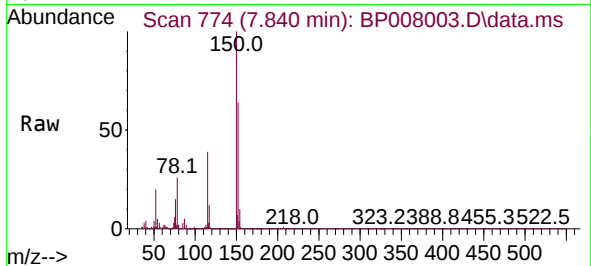
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

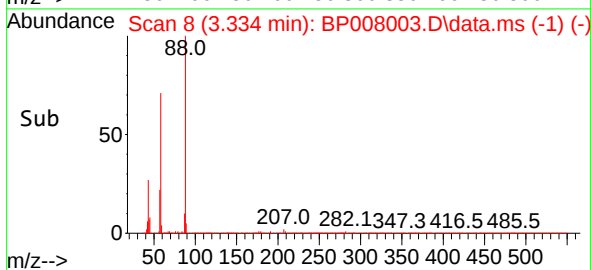
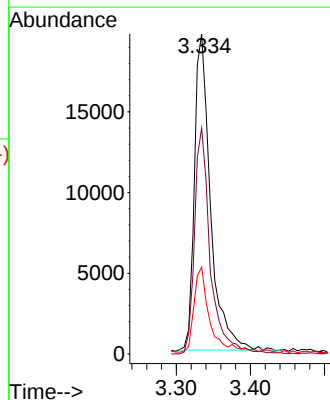
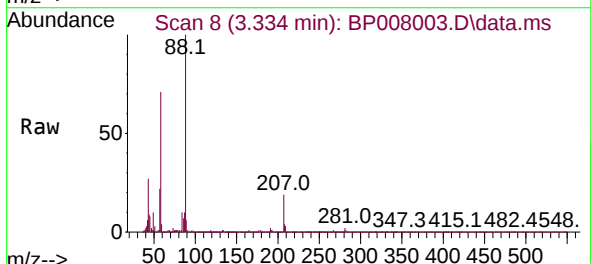
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

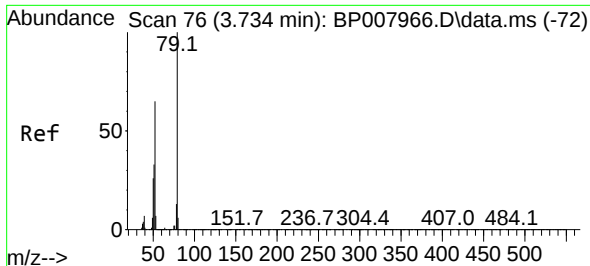
Tgt Ion:152 Resp: 149397
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 60.7 48.1 72.1



#2
1,4-Dioxane
Concen: 7.614 ng
RT: 3.334 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 88 Resp: 29509
Ion Ratio Lower Upper
88 100
58 70.0 58.1 87.1
43 26.0 22.2 33.4

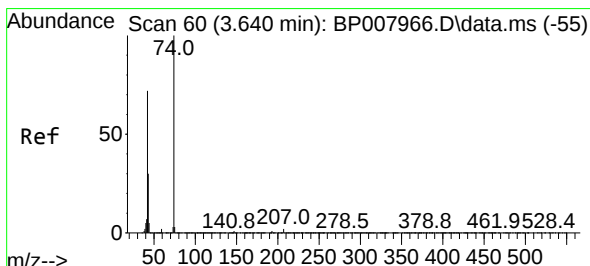
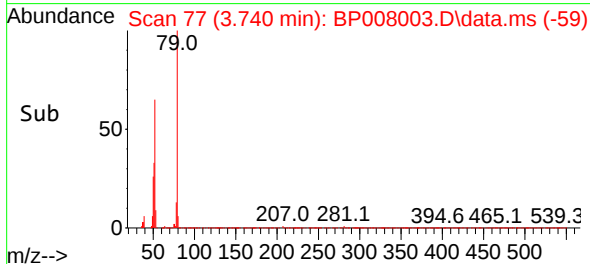
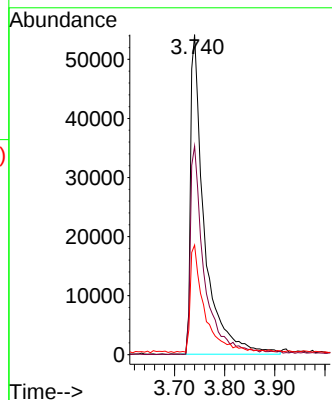
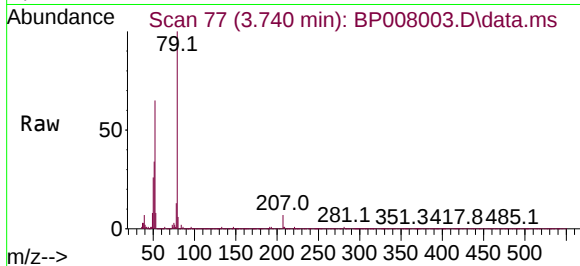




#3
Pyridine
Concen: 9.345 ng
RT: 3.740 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

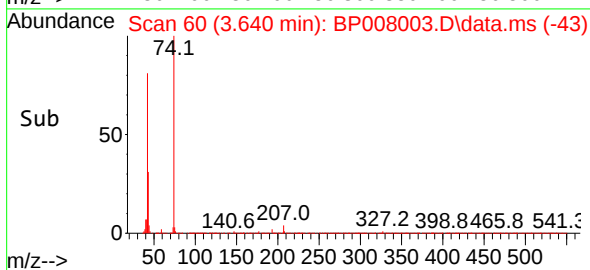
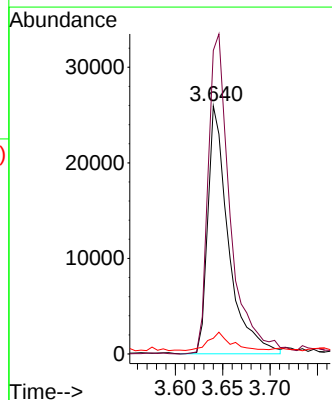
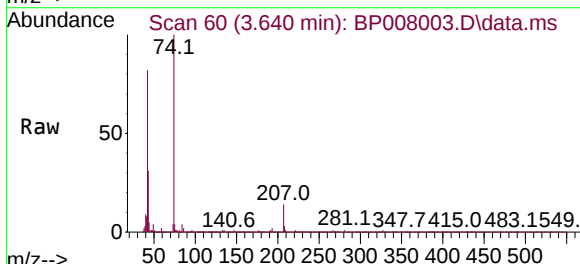
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

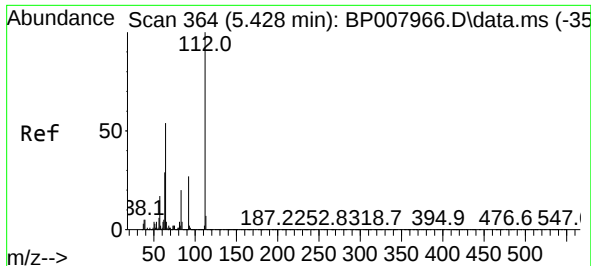
Tgt Ion: 79 Resp: 103890
Ion Ratio Lower Upper
79 100
52 65.2 55.7 83.5
51 34.3 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 9.555 ng
RT: 3.640 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 42 Resp: 39239
Ion Ratio Lower Upper
42 100
74 122.4 107.0 160.4
44 6.3 7.4 11.2#

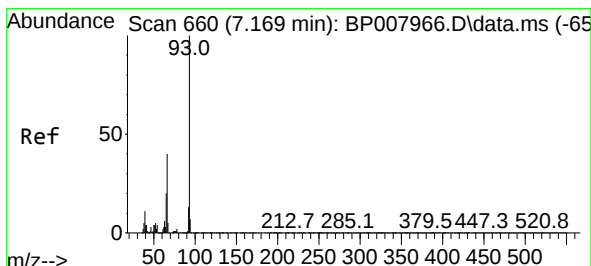
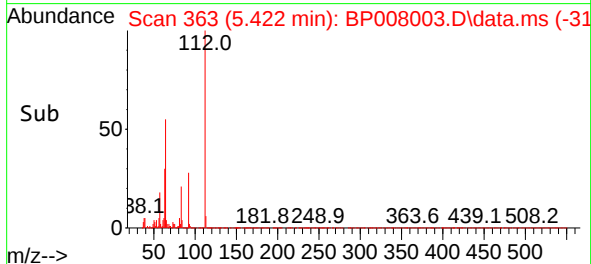
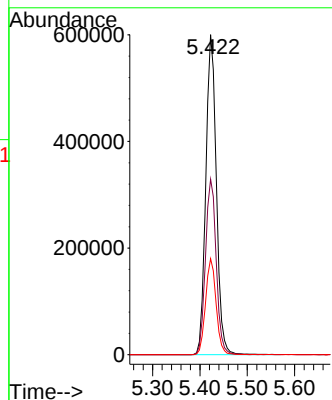
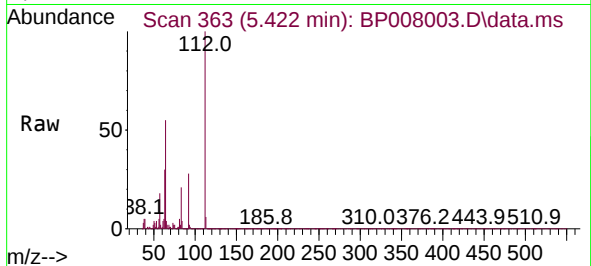




#5
2-Fluorophenol
Concen: 100.489 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

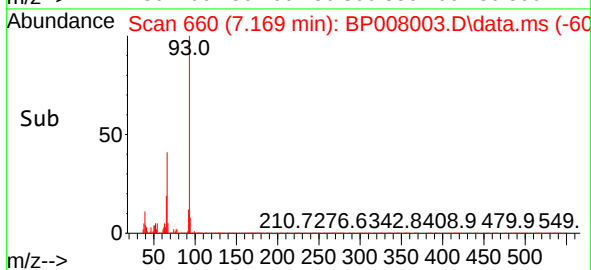
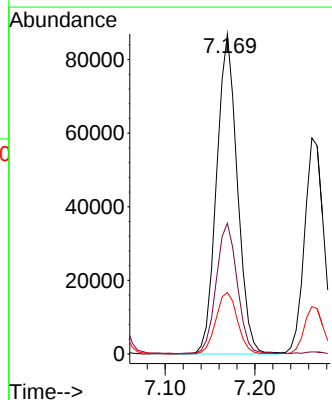
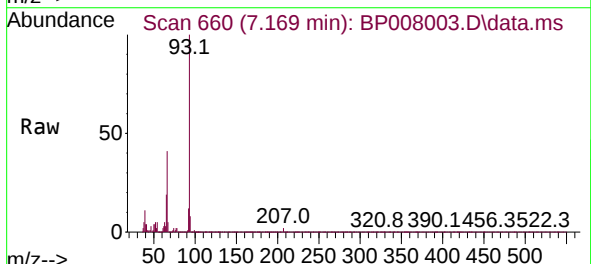
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

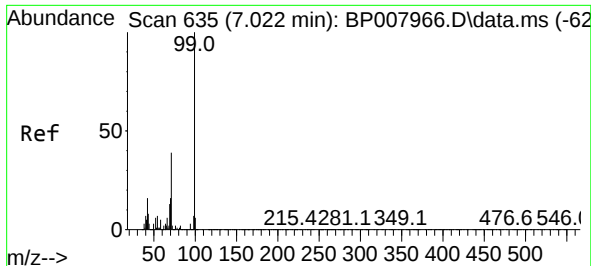
Tgt Ion:112 Resp: 925442
Ion Ratio Lower Upper
112 100
64 54.9 46.6 70.0
63 30.0 25.0 37.6



#6
Aniline
Concen: 10.077 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 93 Resp: 139413
Ion Ratio Lower Upper
93 100
66 40.8 30.5 45.7
65 19.2 15.8 23.8





#7

Phenol-d6

Concen: 102.196 ng

RT: 7.016 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

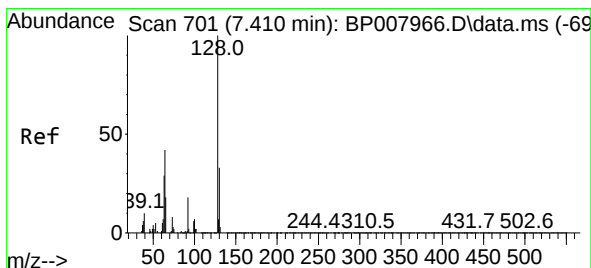
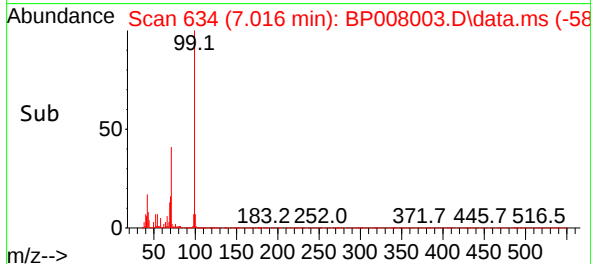
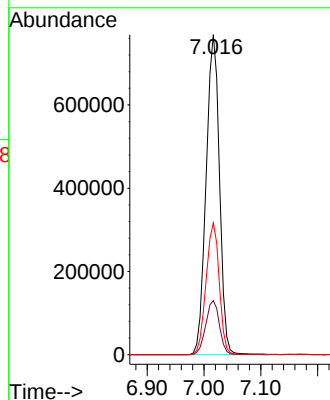
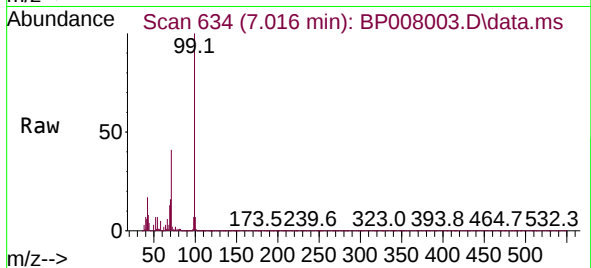
BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 99 Resp: 1252067

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.9	22.3
71	41.2	29.2	43.8



#8

2-Chlorophenol

Concen: 9.161 ng

RT: 7.405 min Scan# 700

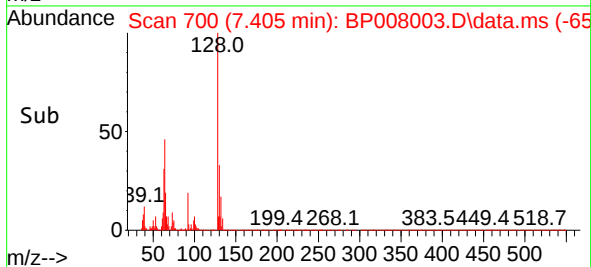
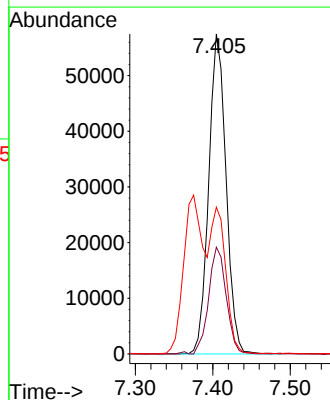
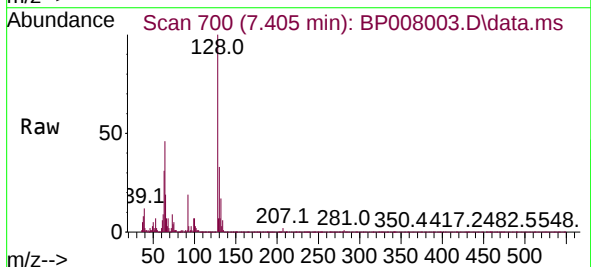
Delta R.T. -0.006 min

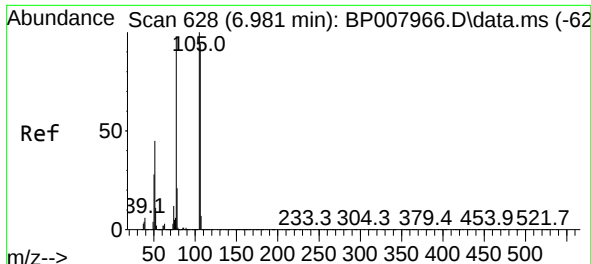
Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Tgt Ion: 128 Resp: 89196

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.0	52.0
64	45.9	27.0	67.0

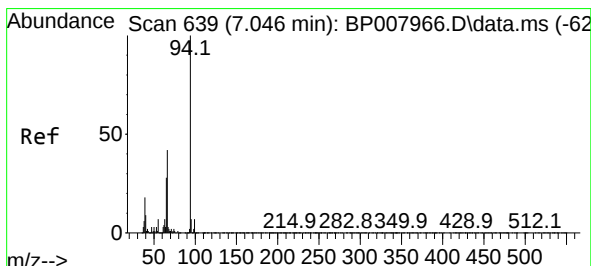
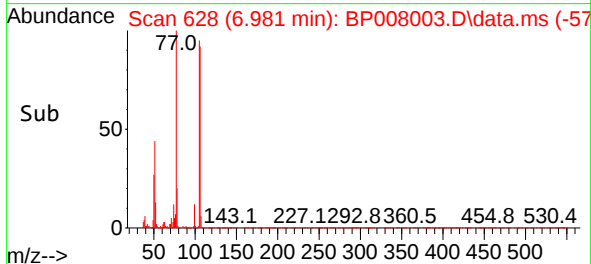
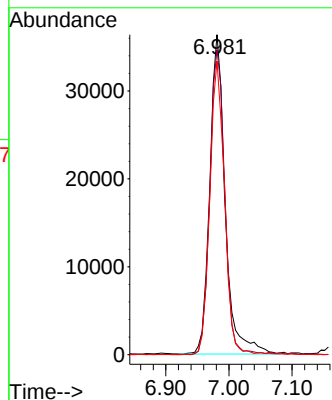
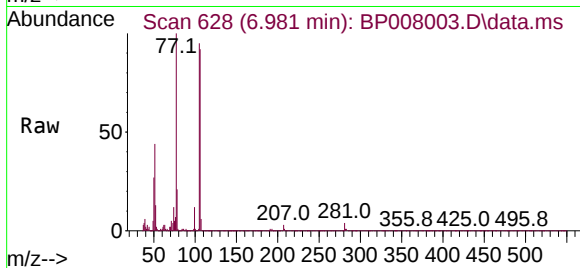




#9
Benzaldehyde
Concen: 7.801 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

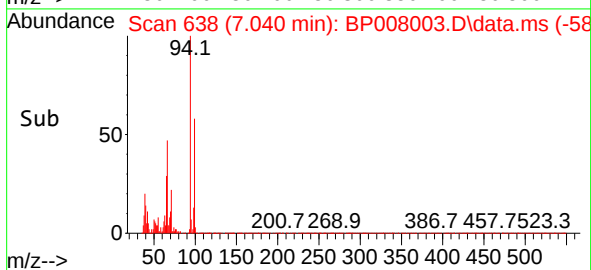
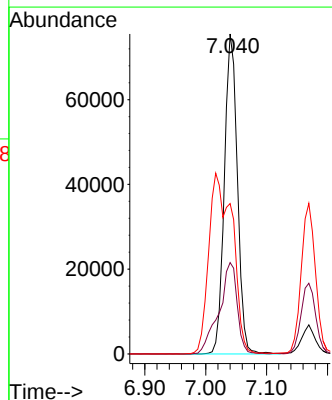
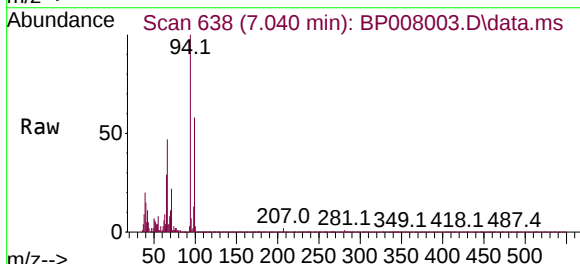
Instrument :
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LOQ-SOIL-02-QT4-2021

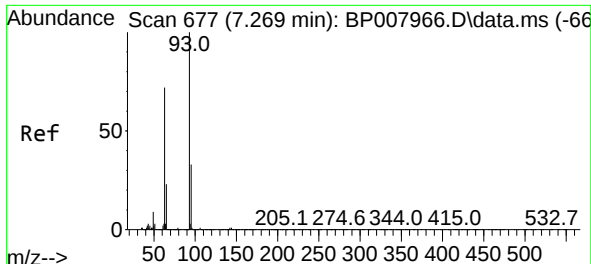
Tgt Ion: 77 Resp: 61644
Ion Ratio Lower Upper
77 100
105 95.3 77.5 117.5
106 91.7 72.1 112.1



#10
Phenol
Concen: 9.456 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 94 Resp: 112394
Ion Ratio Lower Upper
94 100
65 28.5 8.2 48.2
66 47.0 18.8 58.8

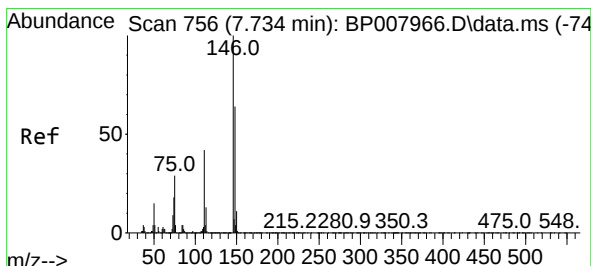
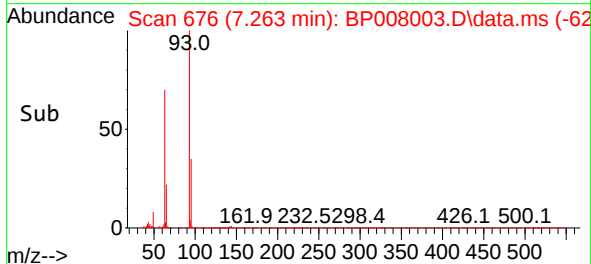
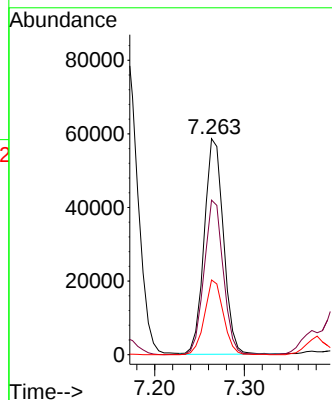
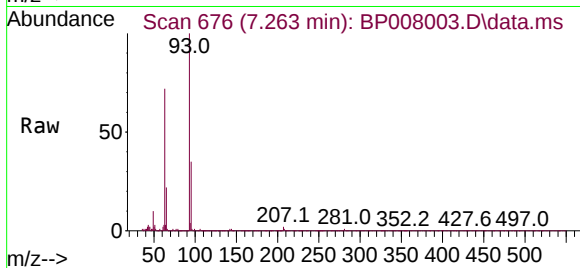




#11
bis(2-Chloroethyl)ether
Concen: 8.934 ng
RT: 7.263 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

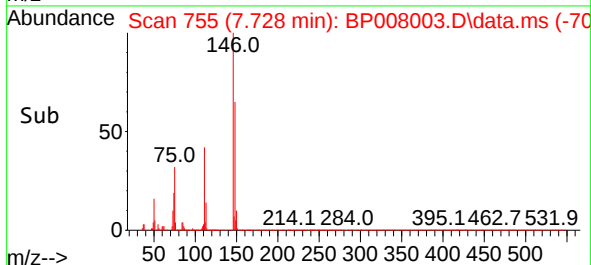
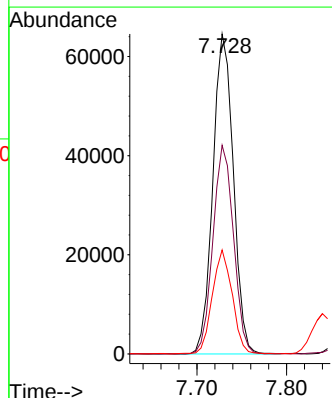
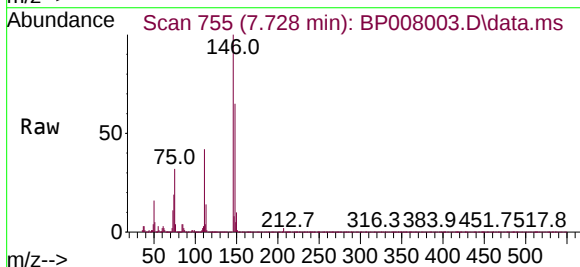
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

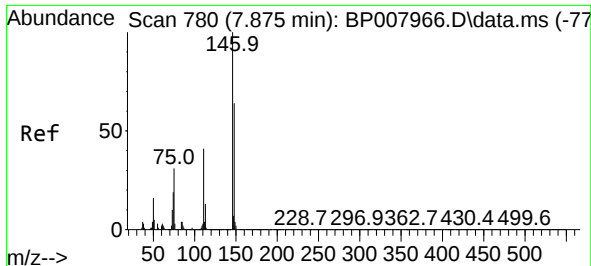
Tgt Ion: 93 Resp: 87273
Ion Ratio Lower Upper
93 100
63 71.6 55.7 95.7
95 34.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 9.330 ng
RT: 7.728 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:146 Resp: 102155
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 32.5 26.1 39.1

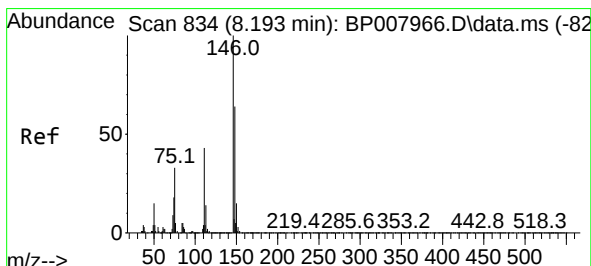
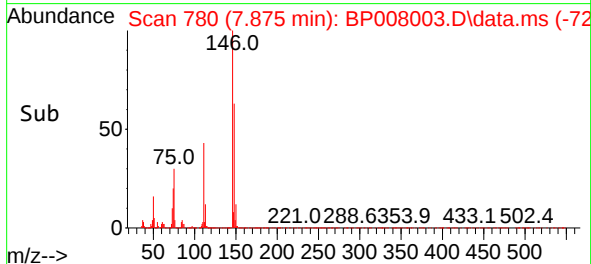
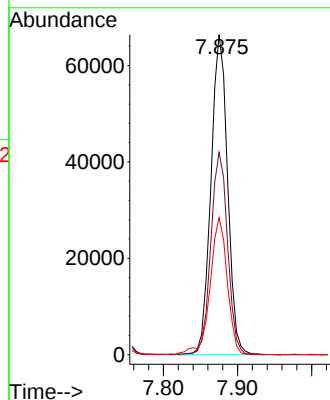
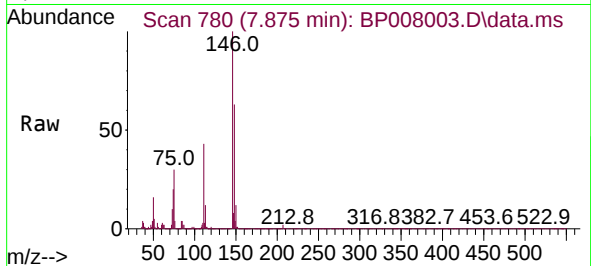




#13
1,4-Dichlorobenzene
Concen: 9.276 ng
RT: 7.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

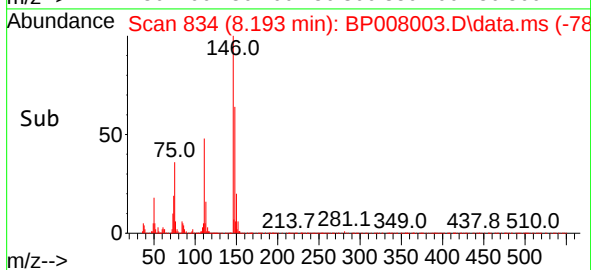
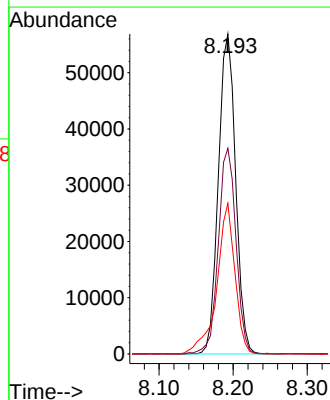
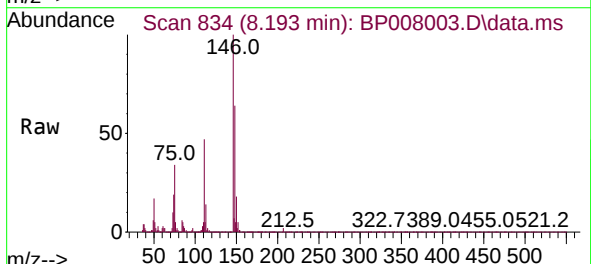
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

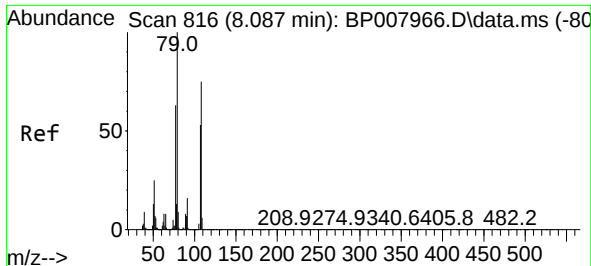
Tgt Ion:146 Resp: 103249
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 42.8 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 8.178 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:146 Resp: 91924
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 47.1 35.1 52.7

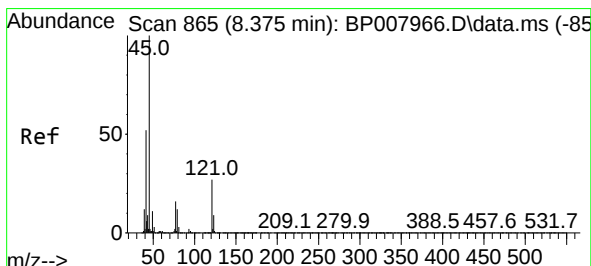
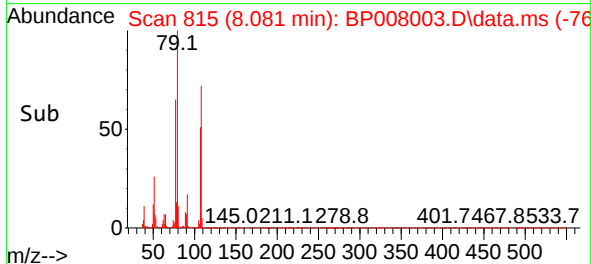
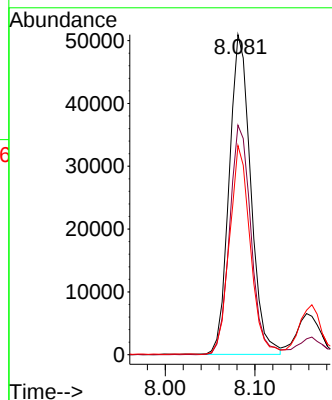
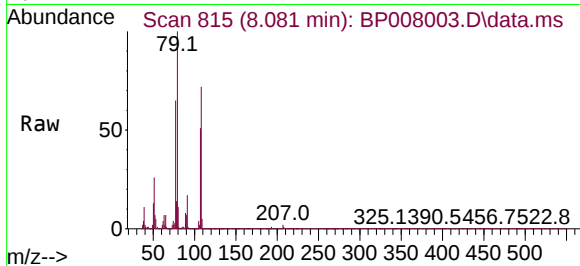




#15
Benzyl Alcohol
Concen: 9.149 ng
RT: 8.081 min Scan# 815
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

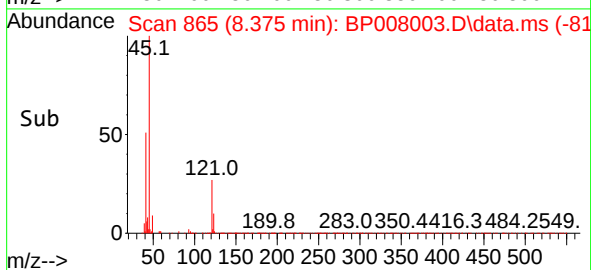
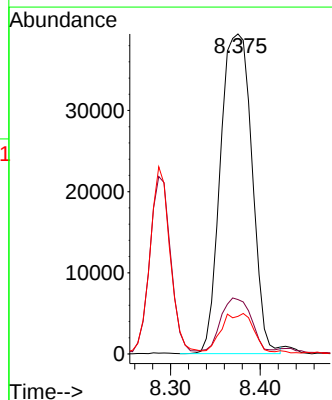
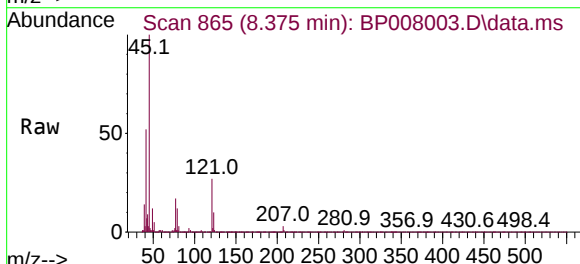
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

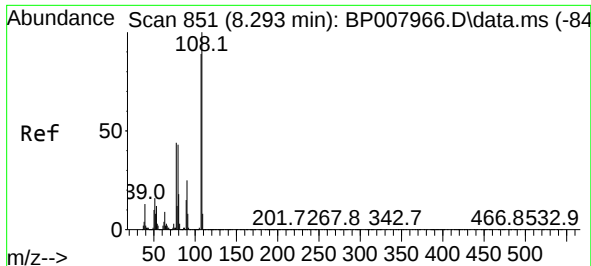
Tgt Ion: 79 Resp: 84782
Ion Ratio Lower Upper
79 100
108 71.7 59.9 89.9
77 65.3 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.144 ng
RT: 8.375 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 45 Resp: 96140
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.9
79 11.7 0.0 31.7

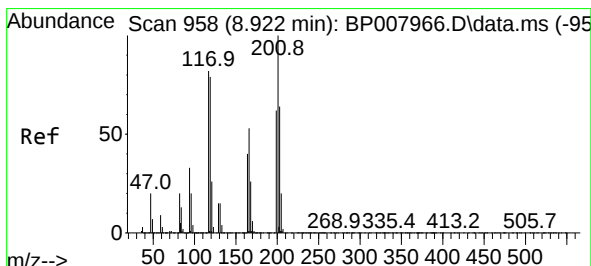
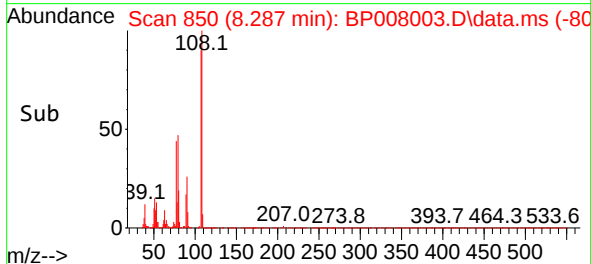
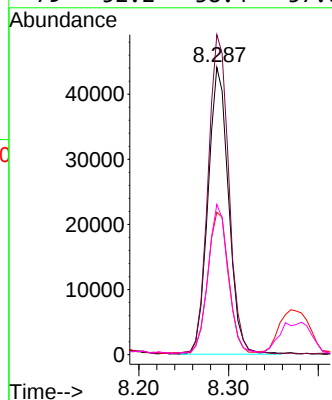
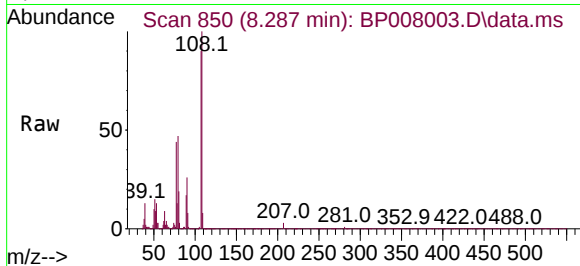




#17
2-Methylphenol
Concen: 8.564 ng
RT: 8.287 min Scan# 850
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

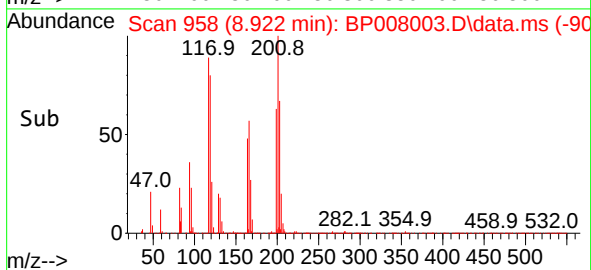
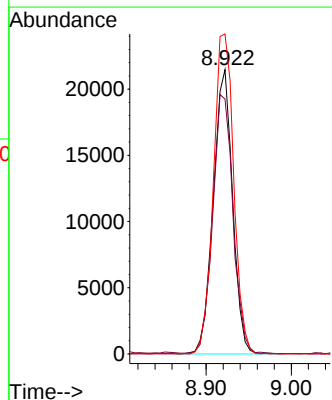
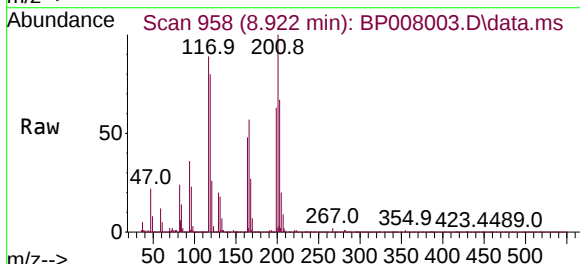
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

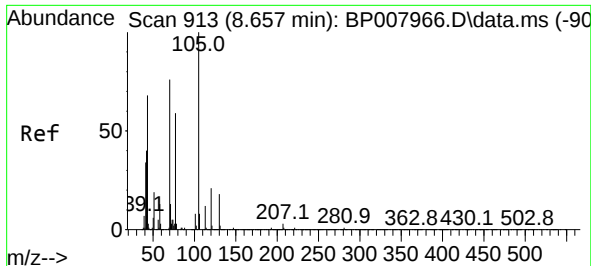
Tgt Ion:	107	Resp:	70103
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.2	133.8
77	49.5	38.5	57.7
79	52.2	38.4	57.6



#18
Hexachloroethane
Concen: 8.971 ng
RT: 8.922 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	117	Resp:	33864
Ion	Ratio	Lower	Upper
117	100		
119	89.7	77.6	116.4
201	112.6	82.9	124.3

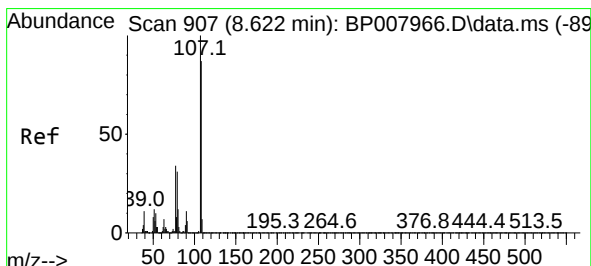
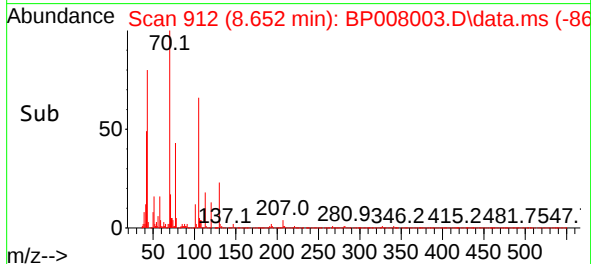
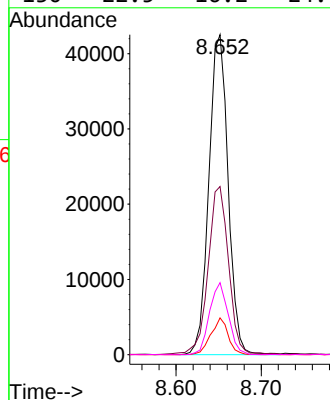
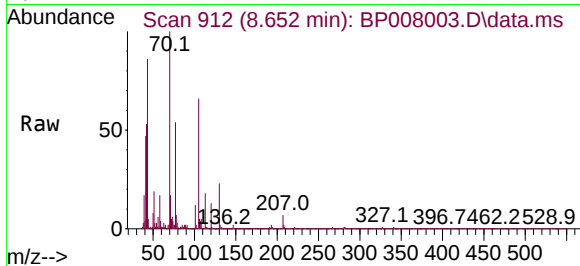




#19
n-Nitroso-di-n-propylamine
Concen: 8.755 ng
RT: 8.652 min Scan# 913
Delta R.T. -0.005 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

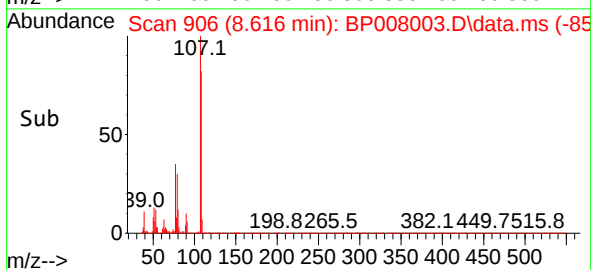
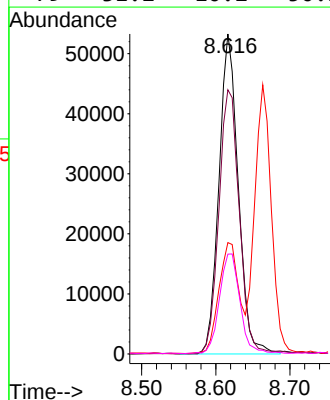
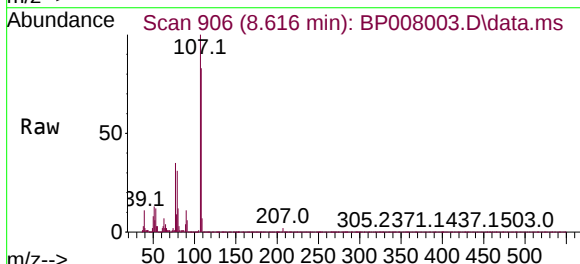
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

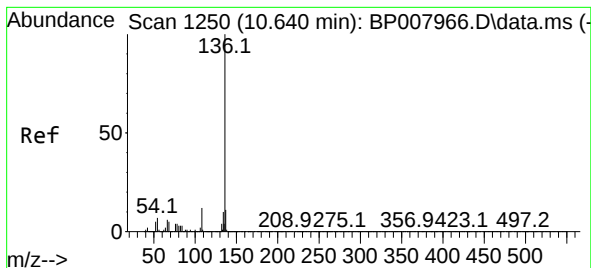
Tgt Ion:	70	Resp:	66776
Ion	Ratio	Lower	Upper
70	100		
42	52.6	46.2	69.2
101	11.5	7.7	11.5#
130	22.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 8.471 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	107	Resp:	96097
Ion	Ratio	Lower	Upper
107	100		
108	82.5	69.2	109.2
77	34.8	13.8	53.8
79	31.2	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion:136 Resp: 552673

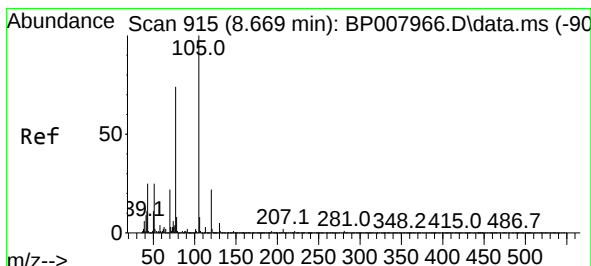
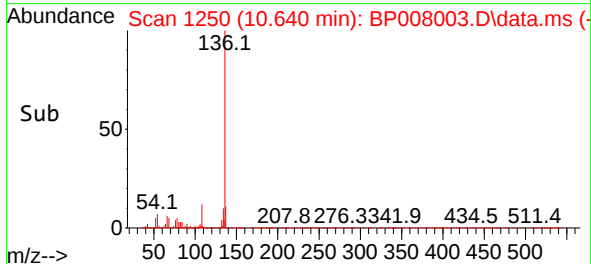
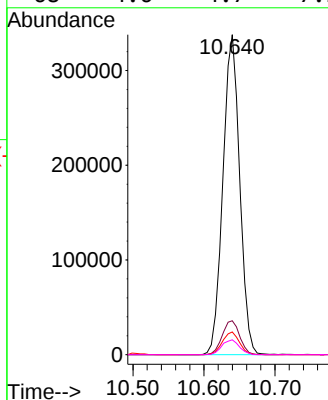
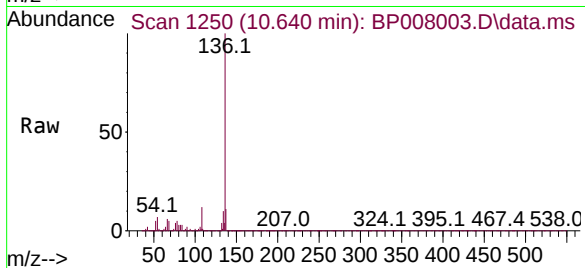
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.1 6.2 9.4

68 4.6 4.7 7.1#



#22

Acetophenone

Concen: 6.518 ng

RT: 8.663 min Scan# 914

Delta R.T. -0.006 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Tgt Ion:105 Resp: 91633

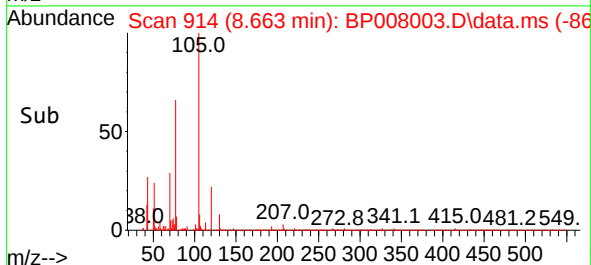
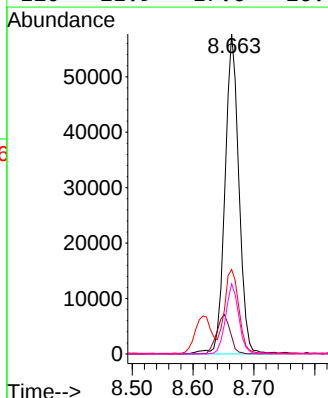
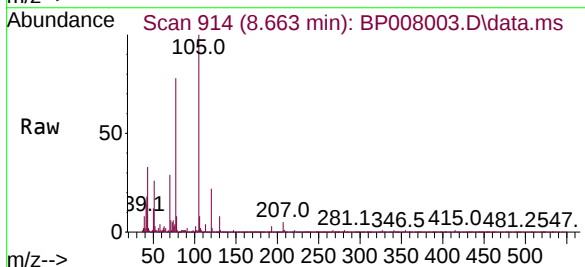
Ion Ratio Lower Upper

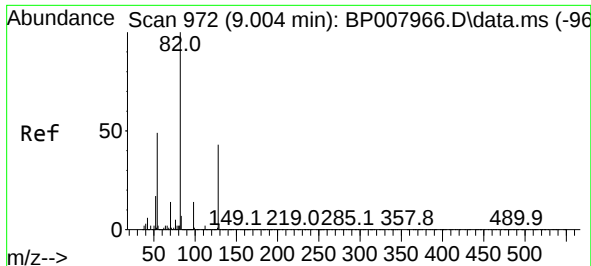
105 100

71 5.5 4.5 6.7

51 26.4 21.8 32.8

120 21.9 17.6 26.4

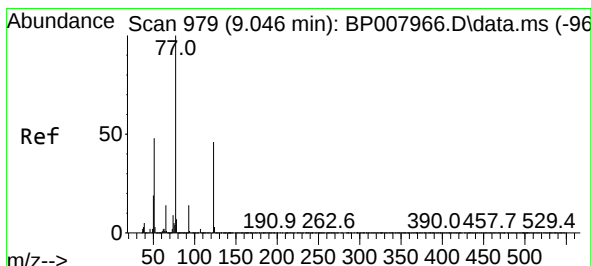
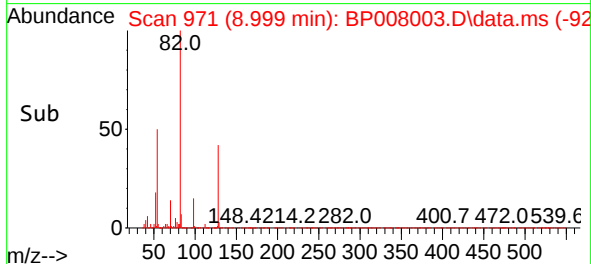
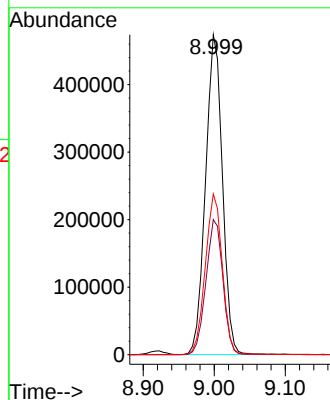
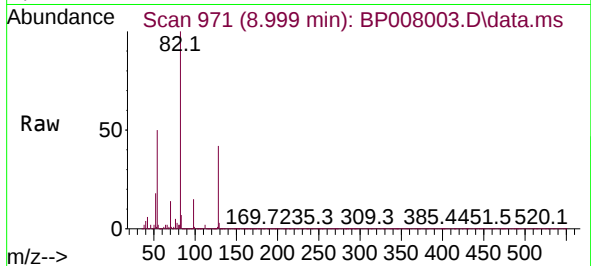




#23
Nitrobenzene-d5
Concen: 75.905 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

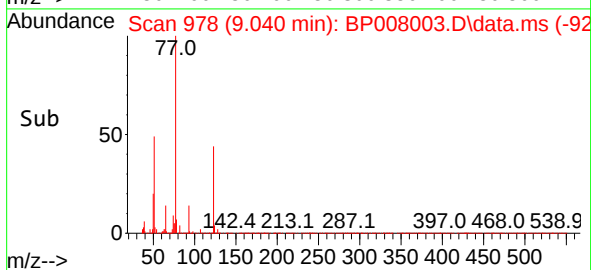
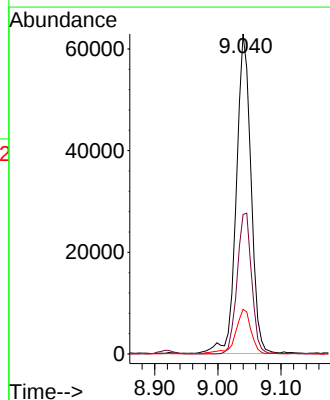
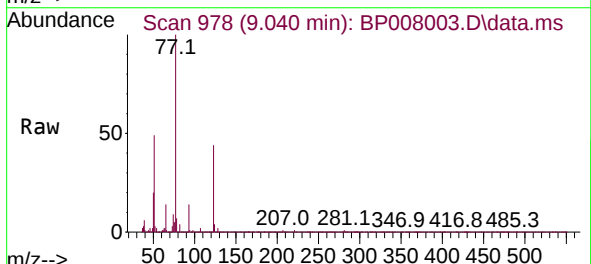
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

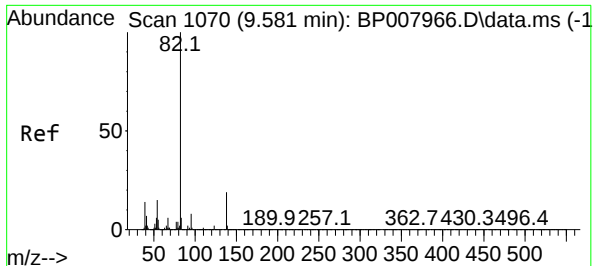
Tgt Ion: 82 Resp: 783922
Ion Ratio Lower Upper
82 100
128 42.2 32.6 48.8
54 50.2 40.4 60.6



#24
Nitrobenzene
Concen: 10.303 ng
RT: 9.040 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 77 Resp: 101690
Ion Ratio Lower Upper
77 100
123 43.6 35.3 52.9
65 13.9 10.9 16.3

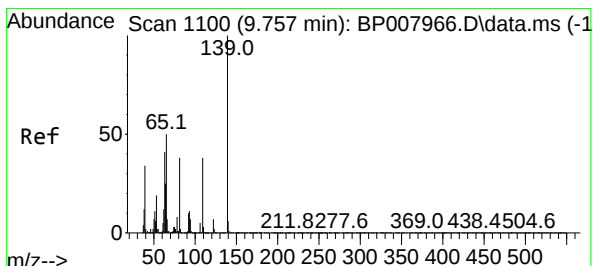
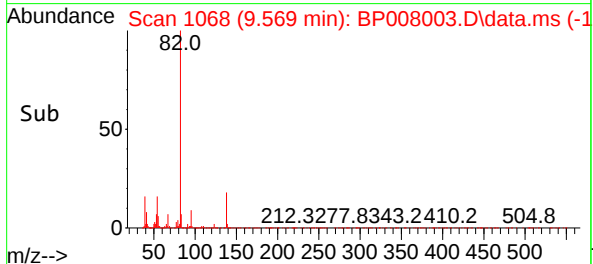
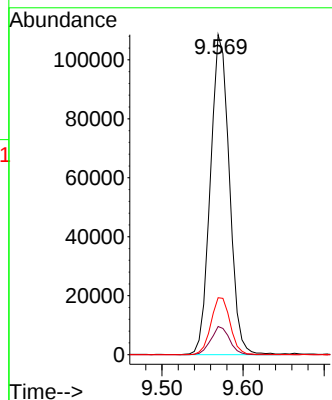
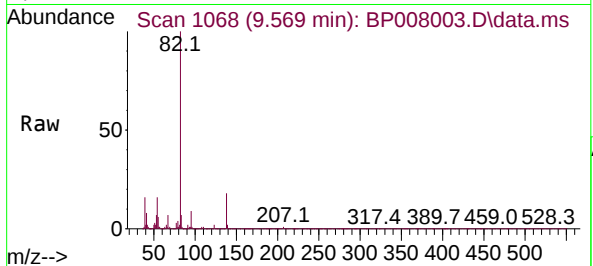




#25
Isophorone
Concen: 9.793 ng
RT: 9.569 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

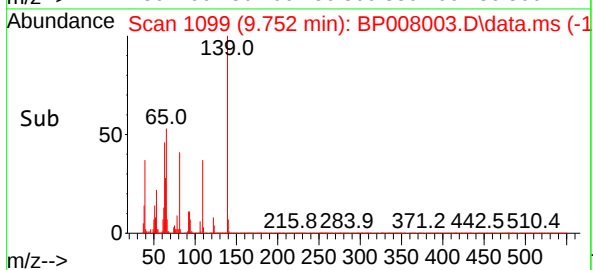
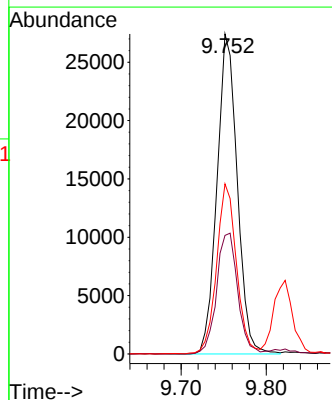
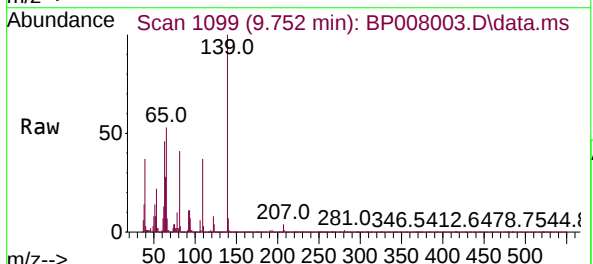
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

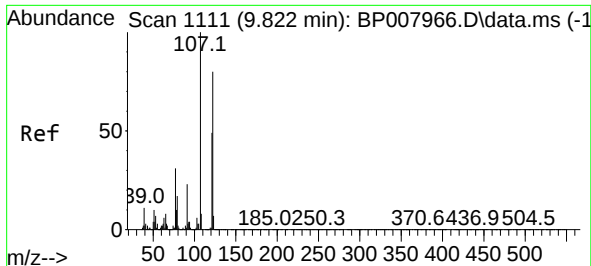
Tgt Ion: 82 Resp: 175915
Ion Ratio Lower Upper
82 100
95 8.8 6.2 9.2
138 17.8 14.0 21.0



#26
2-Nitrophenol
Concen: 8.984 ng
RT: 9.752 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion: 139 Resp: 45270
Ion Ratio Lower Upper
139 100
109 37.1 26.2 39.2
65 53.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 11.012 ng

RT: 9.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

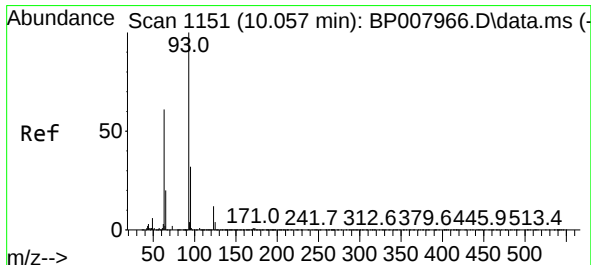
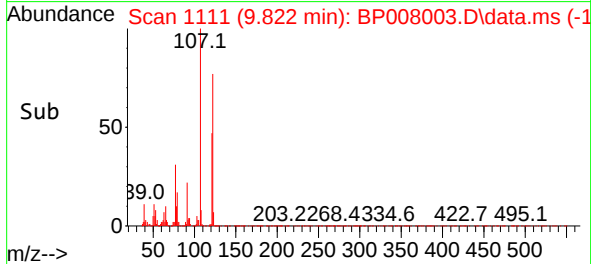
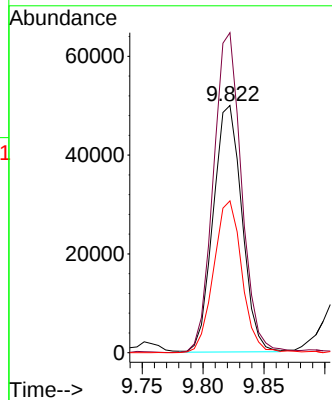
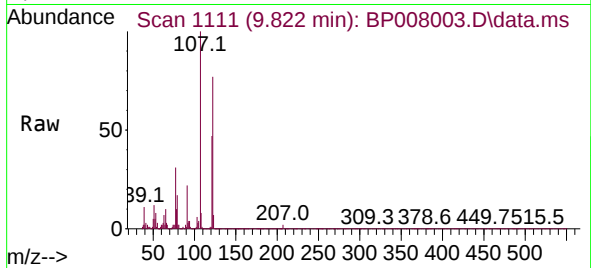
Tgt Ion:122 Resp: 81967

Ion Ratio Lower Upper

122 100

107 129.4 93.8 140.6

121 61.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 9.229 ng

RT: 10.052 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

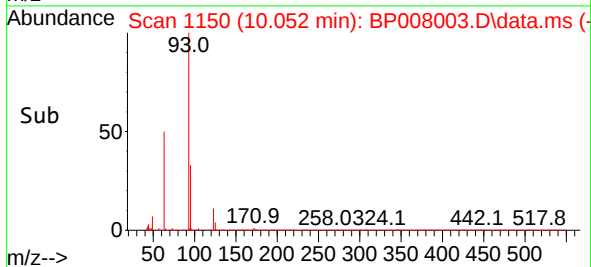
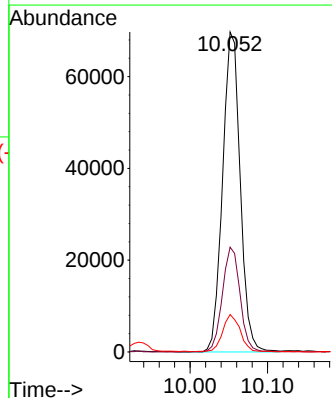
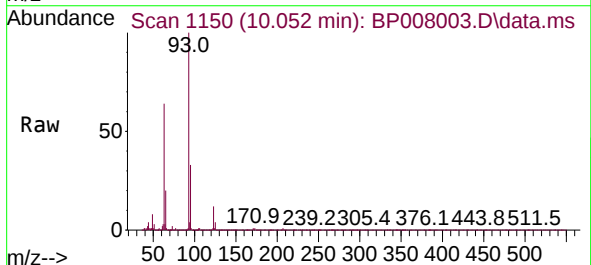
Tgt Ion: 93 Resp: 110005

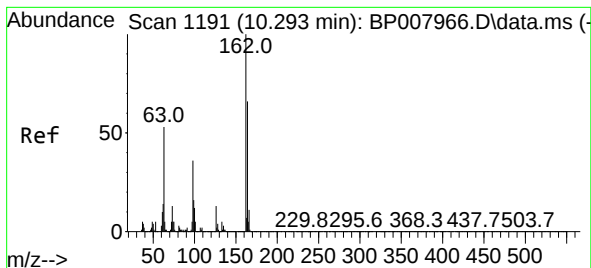
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 9.484 ng

RT: 10.293 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

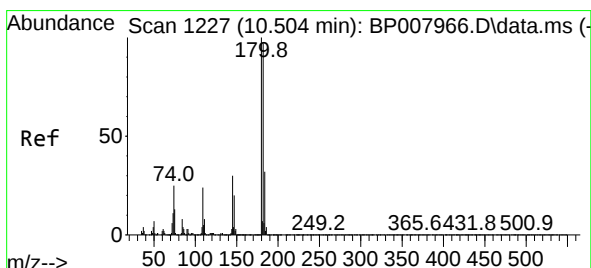
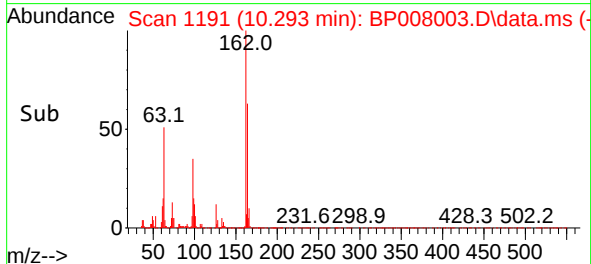
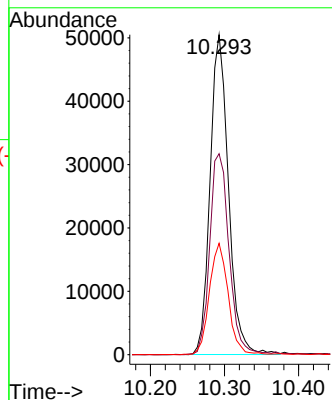
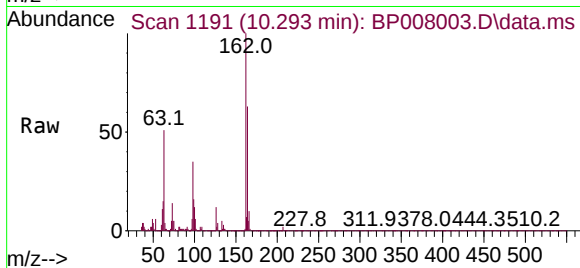
Tgt Ion:162 Resp: 86899

Ion Ratio Lower Upper

162 100

164 62.8 44.0 84.0

98 34.8 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 9.698 ng

RT: 10.504 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

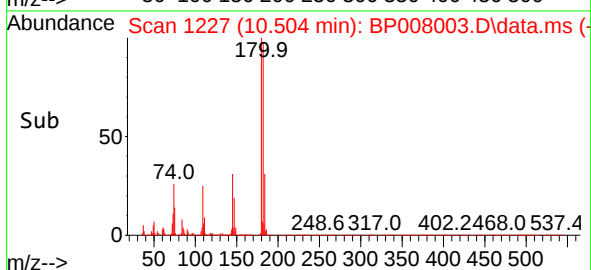
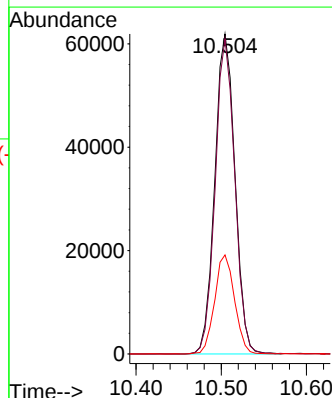
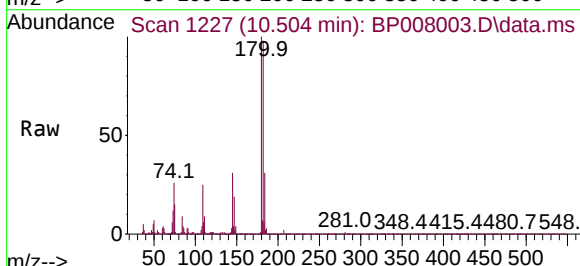
Tgt Ion:180 Resp: 101672

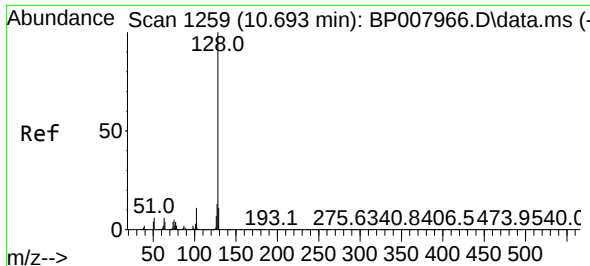
Ion Ratio Lower Upper

180 100

182 98.4 78.4 117.6

145 30.9 23.8 35.8

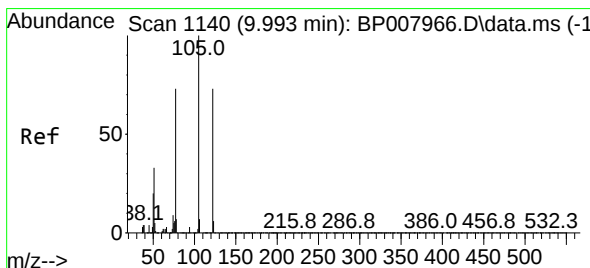
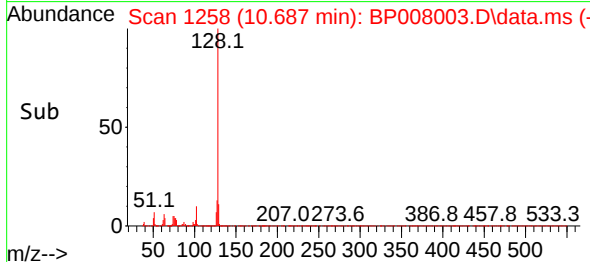
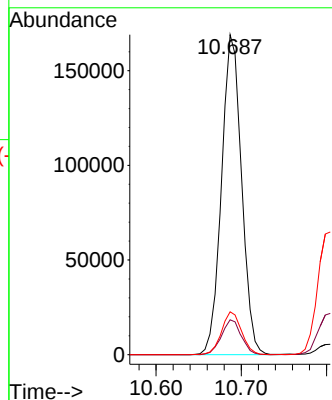
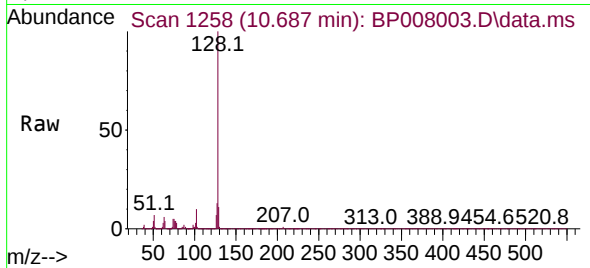




#31
Naphthalene
Concen: 9.777 ng
RT: 10.687 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

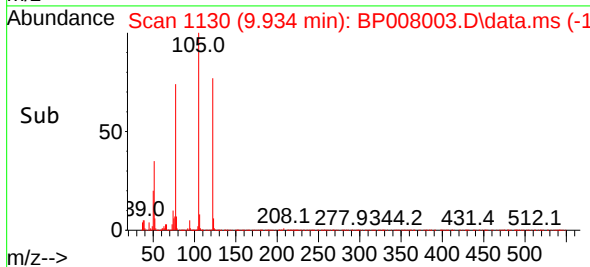
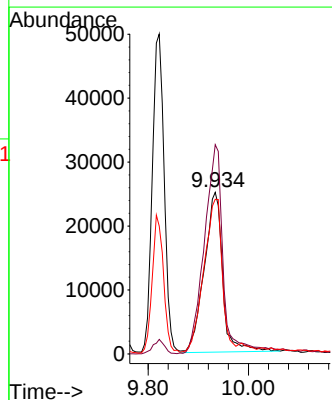
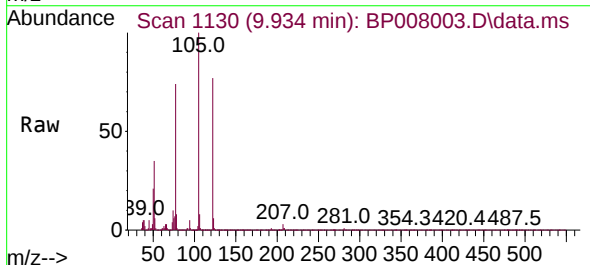
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

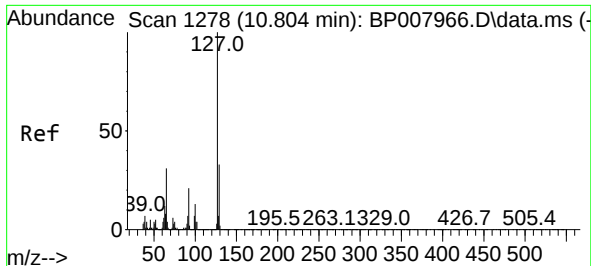
Tgt Ion:128 Resp: 275923
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.2 15.4



#32
Benzoic acid
Concen: 9.949 ng
RT: 9.934 min Scan# 1130
Delta R.T. -0.059 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:122 Resp: 63996
Ion Ratio Lower Upper
122 100
105 129.5 105.9 145.9
77 95.8 74.6 114.6

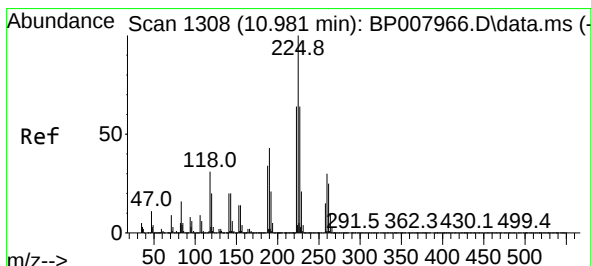
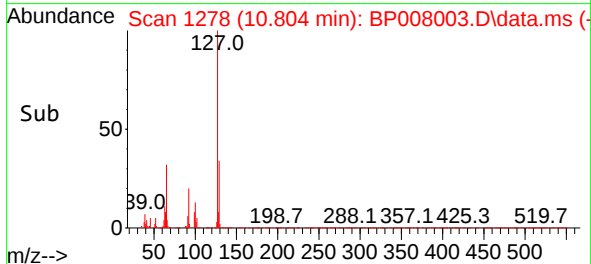
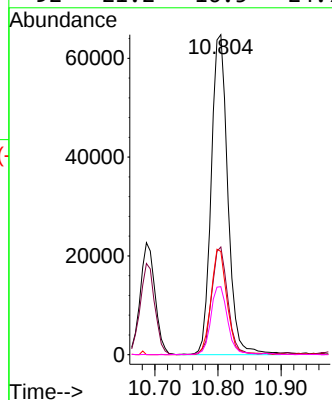
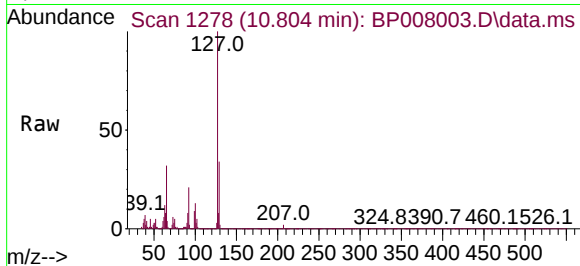




#33
4-Chloroaniline
Concen: 9.755 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

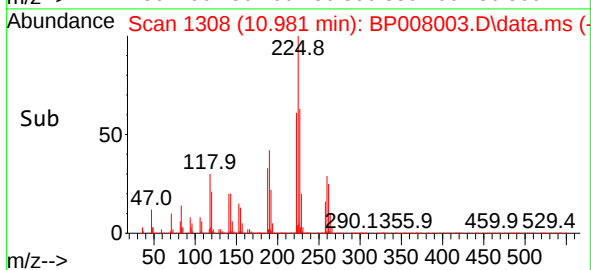
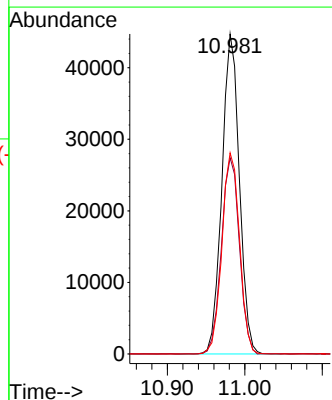
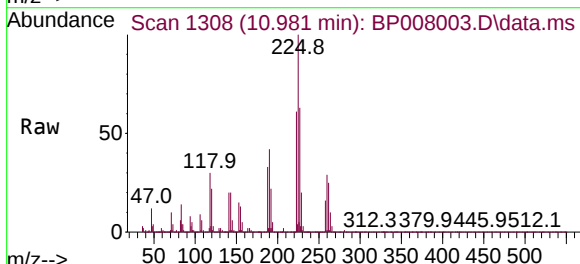
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

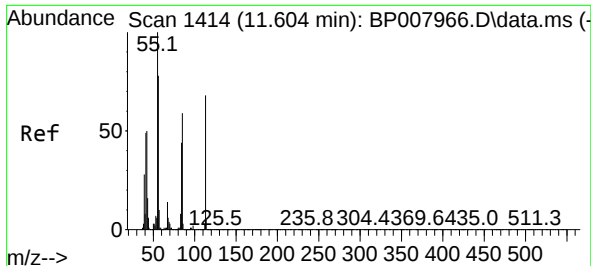
Tgt Ion:	127	Resp:	118246
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.1	37.7
65	32.3	25.5	38.3
92	21.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 9.746 ng
RT: 10.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	225	Resp:	69818
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.4	74.0
227	62.8	51.0	76.6

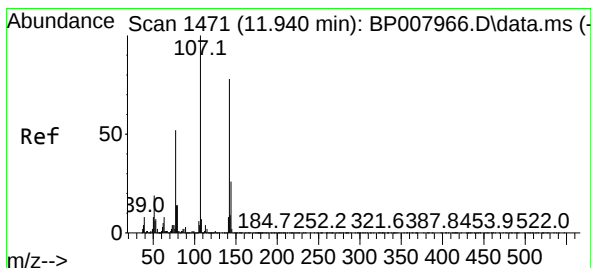
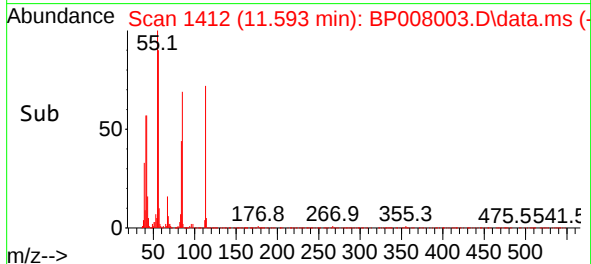
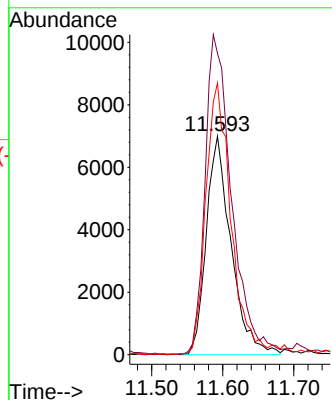
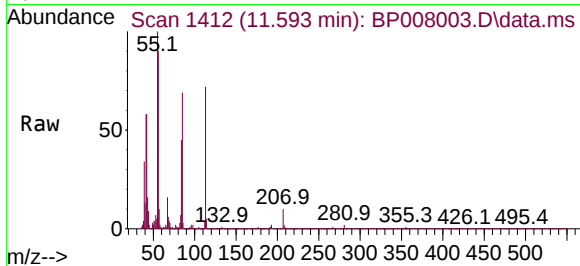




#35
Caprolactam
Concen: 8.414 ng
RT: 11.593 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

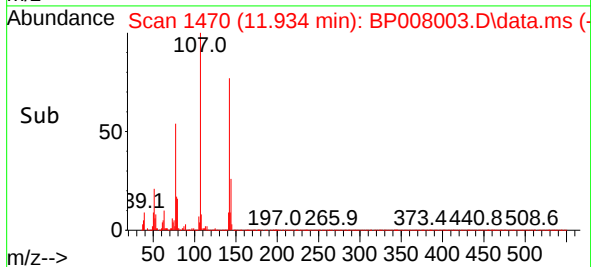
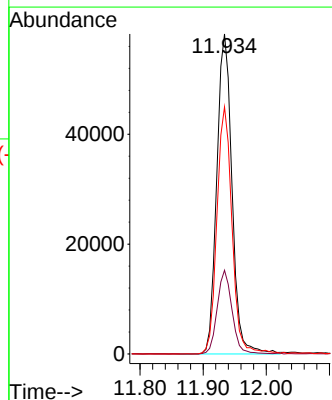
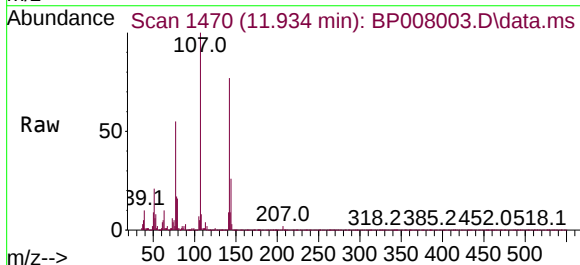
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

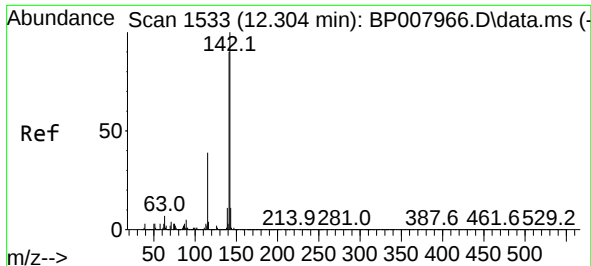
Tgt Ion:113 Resp: 16931
Ion Ratio Lower Upper
113 100
55 138.0 143.9 183.9#
56 124.4 101.6 141.6



#36
4-Chloro-3-methylphenol
Concen: 9.427 ng
RT: 11.934 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:107 Resp: 97600
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 77.2 63.0 94.4

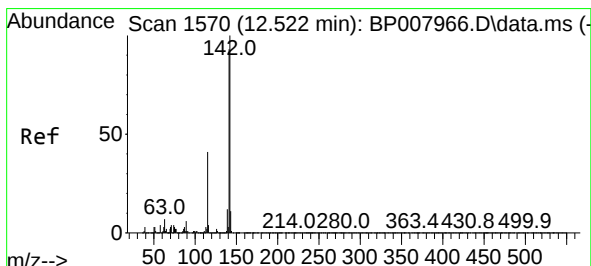
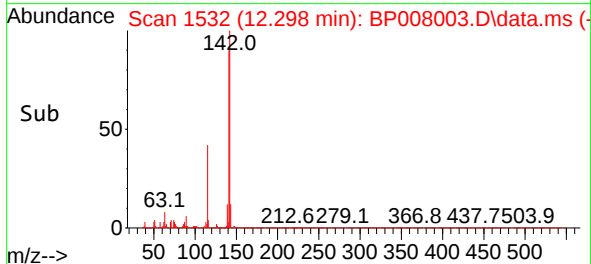
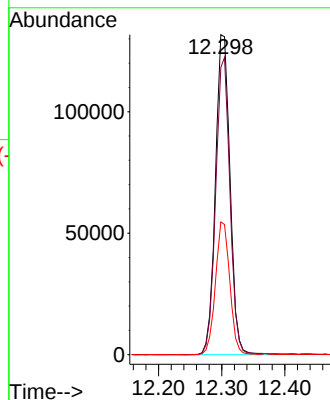
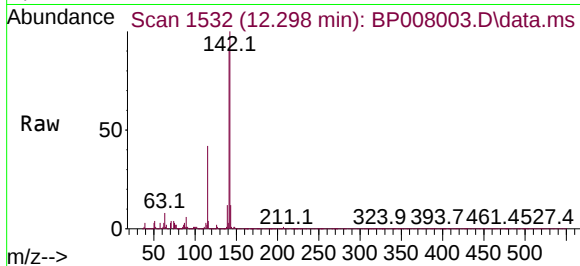




#37
2-Methylnaphthalene
Concen: 10.241 ng
RT: 12.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

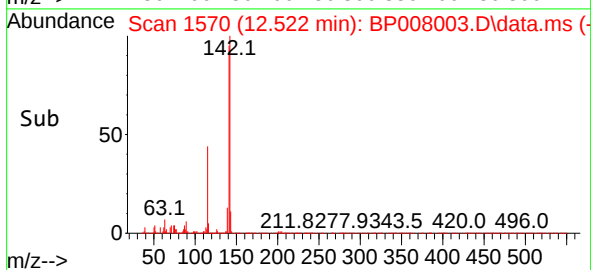
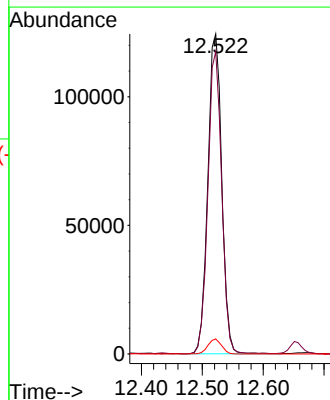
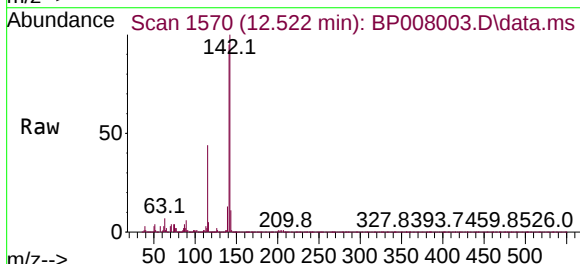
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

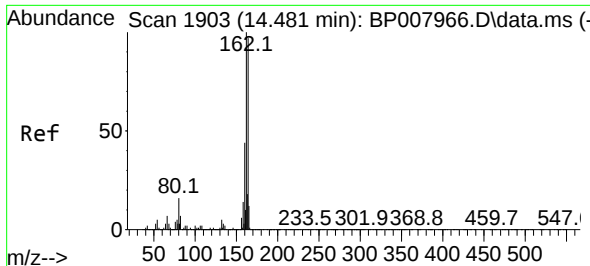
Tgt Ion:142 Resp: 211217
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0
115 41.5 29.5 44.3



#38
1-Methylnaphthalene
Concen: 9.824 ng
RT: 12.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:142 Resp: 197620
Ion Ratio Lower Upper
142 100
141 94.5 74.4 111.6
116 4.7 3.4 5.0

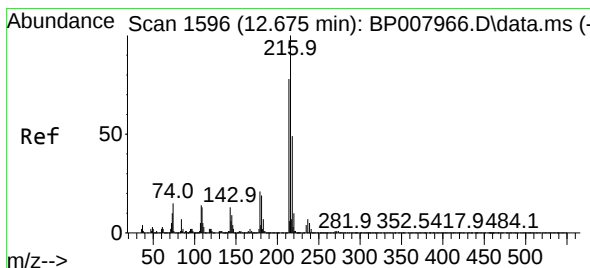
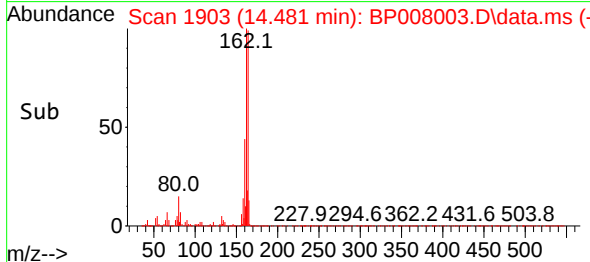
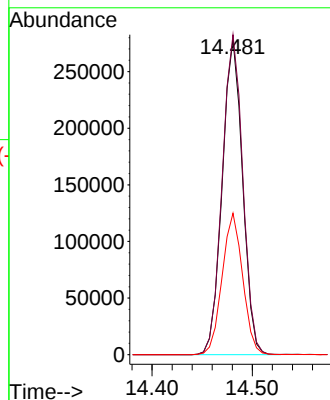
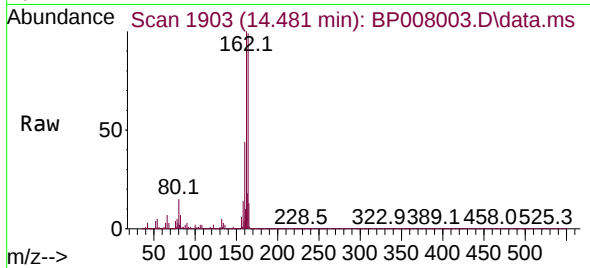




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

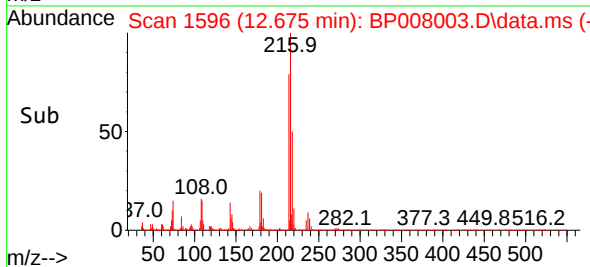
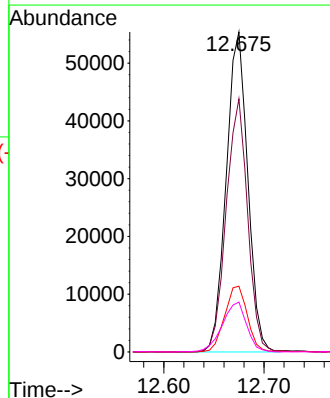
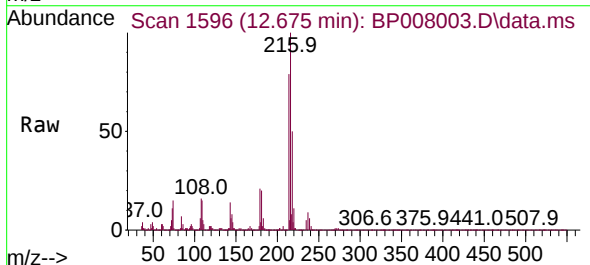
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

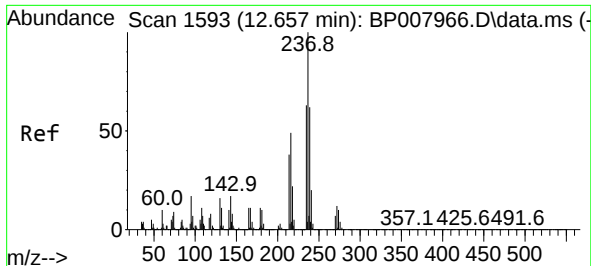
Tgt Ion:164 Resp: 391224
Ion Ratio Lower Upper
164 100
162 101.4 81.1 121.7
160 44.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.321 ng
RT: 12.675 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:216 Resp: 82394
Ion Ratio Lower Upper
216 100
214 78.9 62.2 93.4
179 21.9 17.1 25.7
108 17.8 15.4 23.0

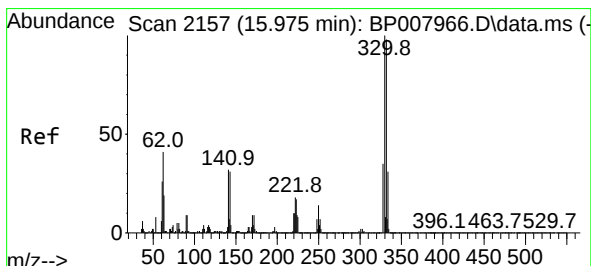
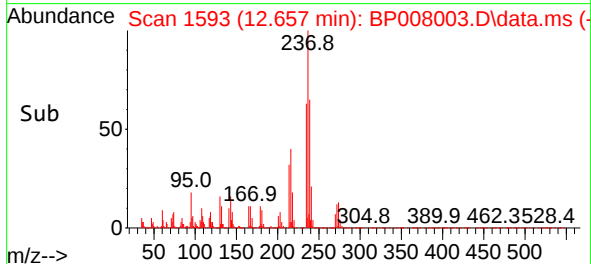
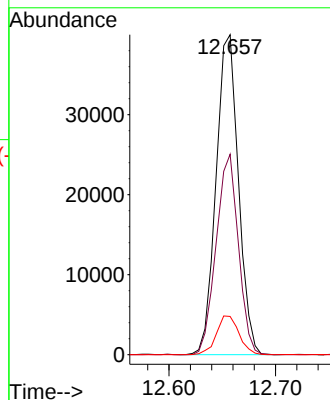
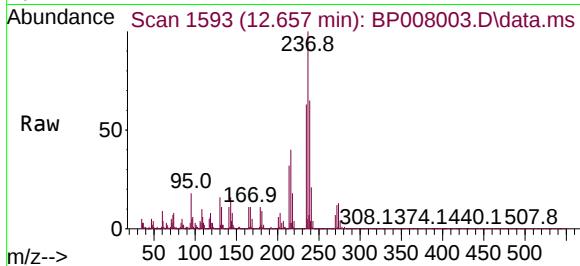




#41
Hexachlorocyclopentadiene
Concen: 9.730 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

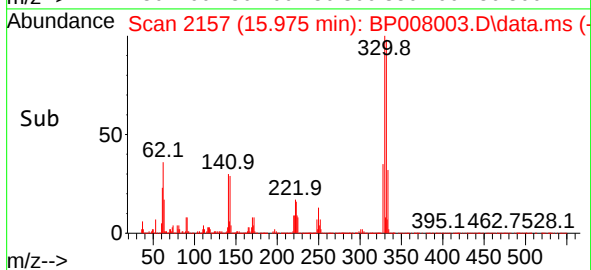
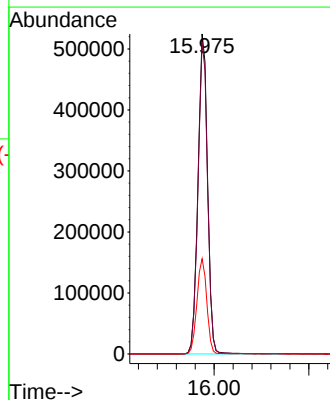
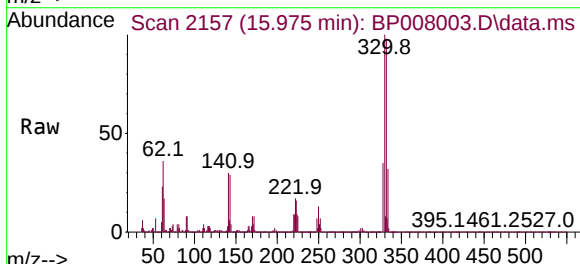
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

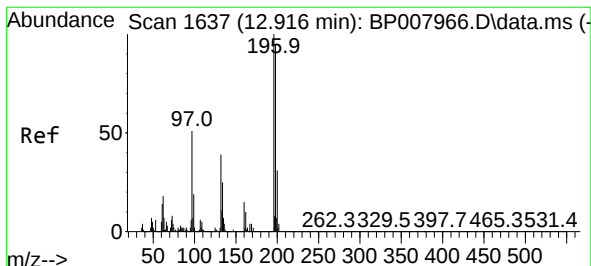
Tgt Ion:	237	Resp:	58236
Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.2	81.2
272	11.9	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 119.465 ng
RT: 15.975 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	330	Resp:	735361
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.9	118.3
141	30.5	30.7	46.1





#43

2,4,6-Trichlorophenol

Concen: 8.820 ng

RT: 12.916 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

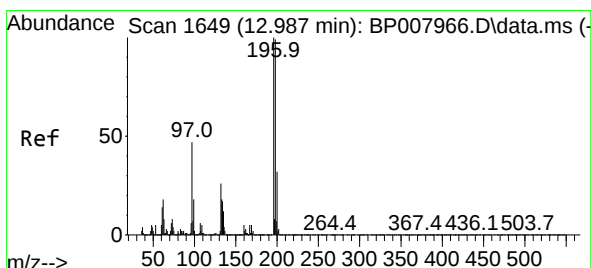
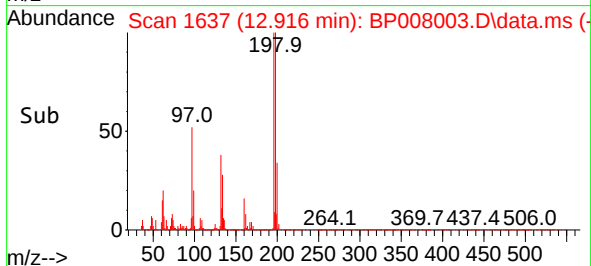
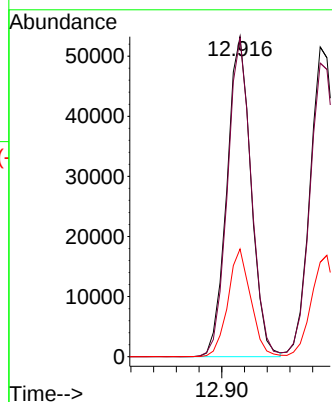
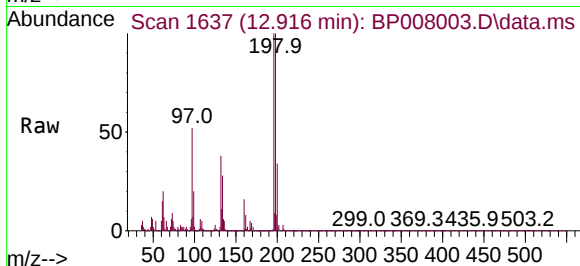
Tgt Ion:196 Resp: 78566

Ion Ratio Lower Upper

196 100

198 99.5 76.4 114.6

200 33.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 8.963 ng

RT: 12.987 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Tgt Ion:196 Resp: 86744

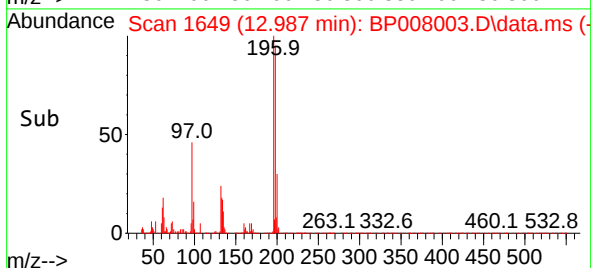
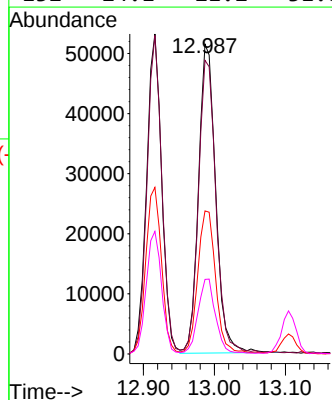
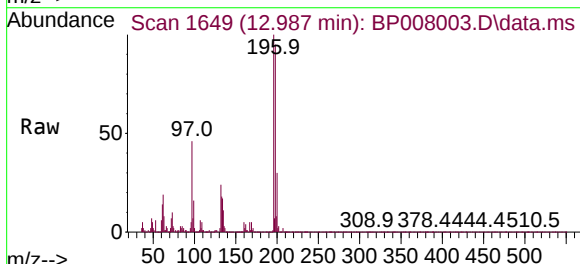
Ion Ratio Lower Upper

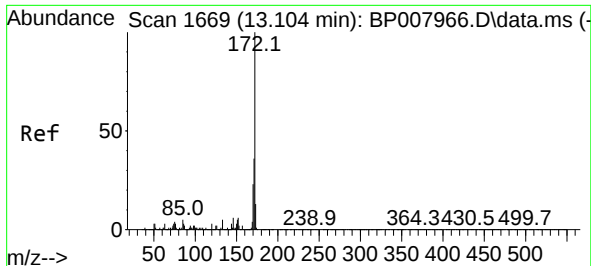
196 100

198 94.8 77.1 115.7

97 46.2 40.9 61.3

132 24.1 21.2 31.8

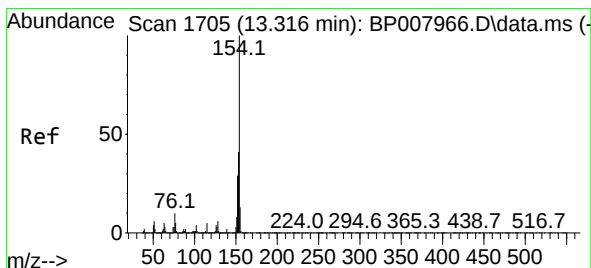
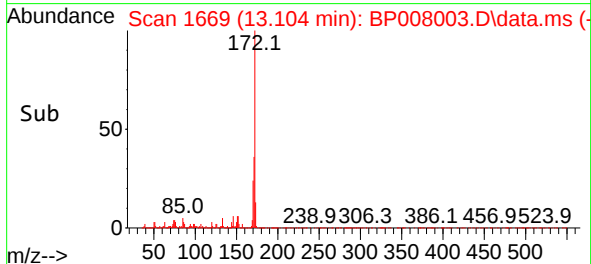
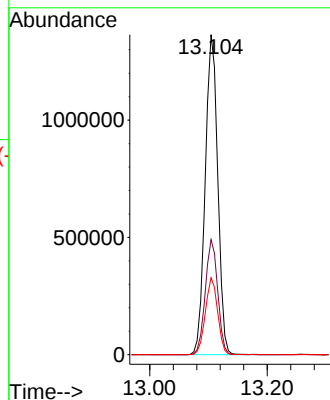
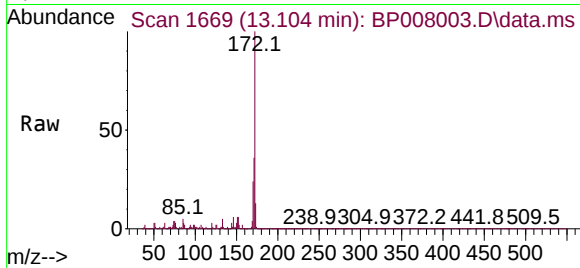




#45
2-Fluorobiphenyl
Concen: 72.174 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

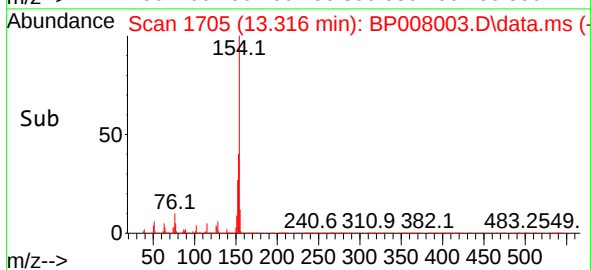
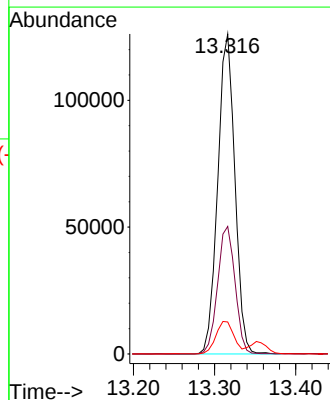
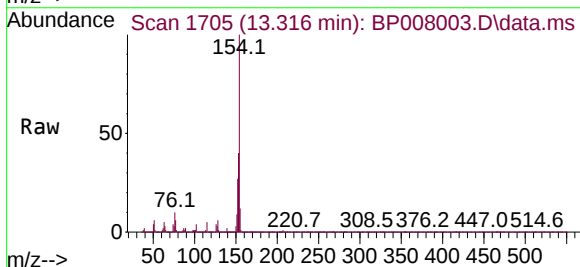
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

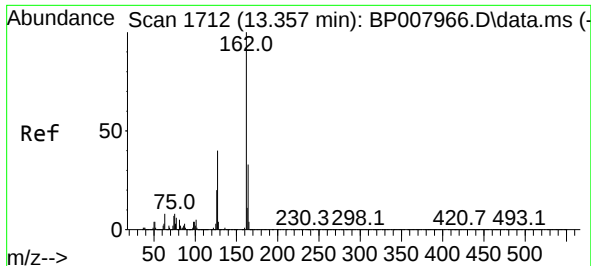
Tgt Ion:172 Resp: 2012973
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 6.342 ng
RT: 13.316 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:154 Resp: 185322
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 10.0 0.0 32.4

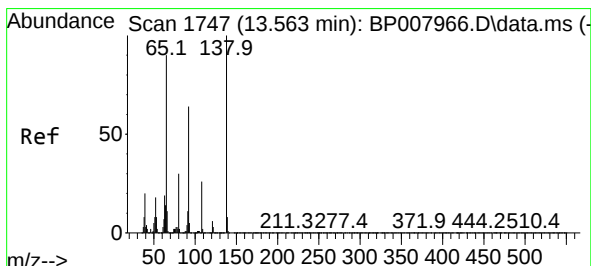
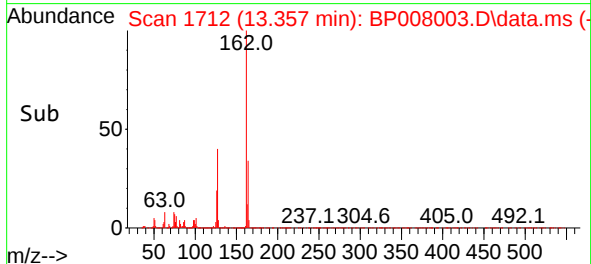
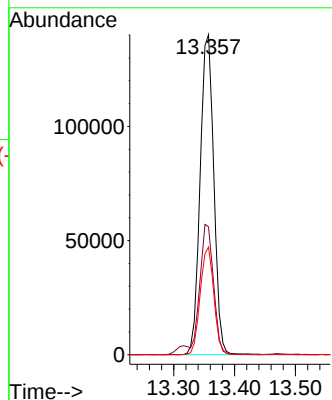
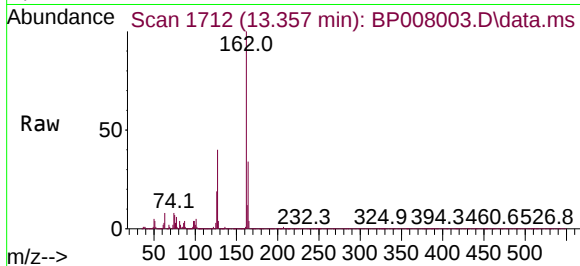




#47
2-Chloronaphthalene
Concen: 9.587 ng
RT: 13.357 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

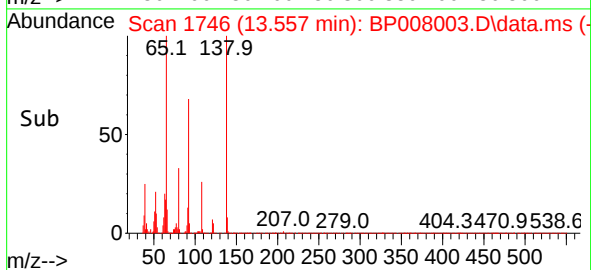
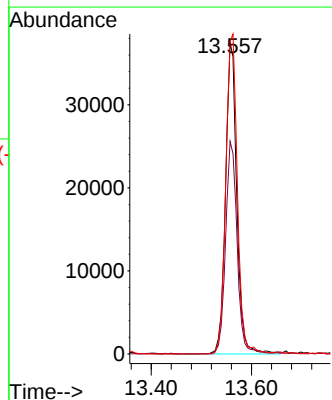
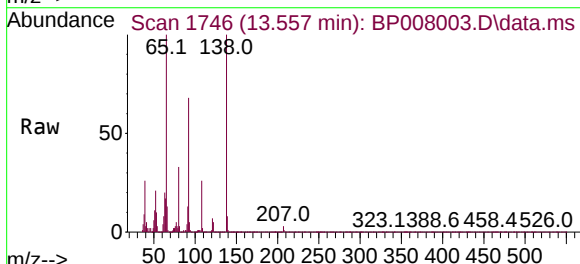
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

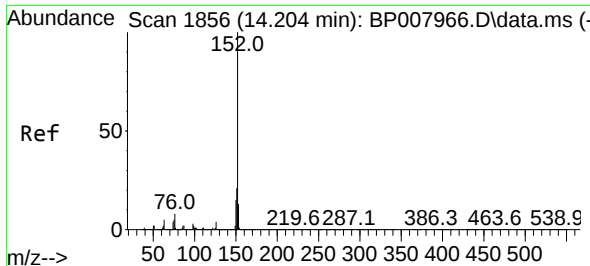
Tgt Ion:	162	Resp:	219143
Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.0	46.6
164	33.7	26.4	39.6



#48
2-Nitroaniline
Concen: 9.031 ng
RT: 13.557 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	65	Resp:	58592
Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.9	83.9
138	100.3	86.3	129.5

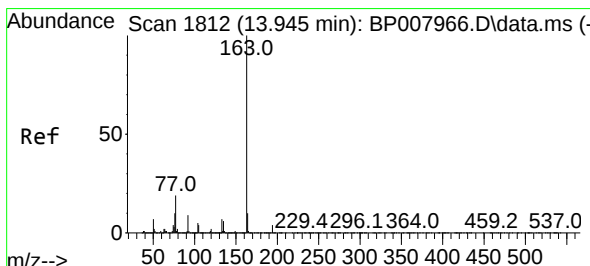
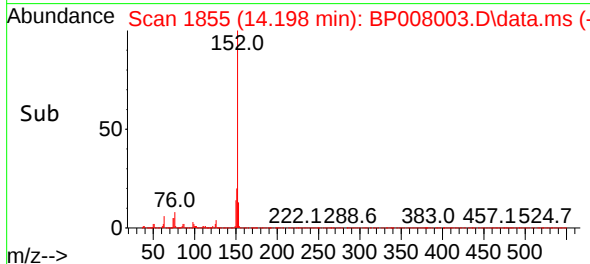
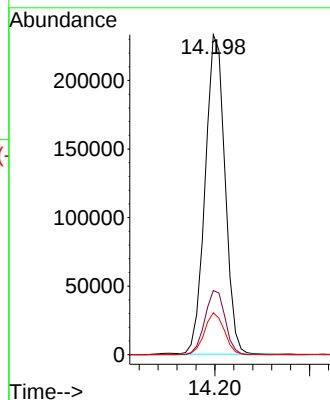
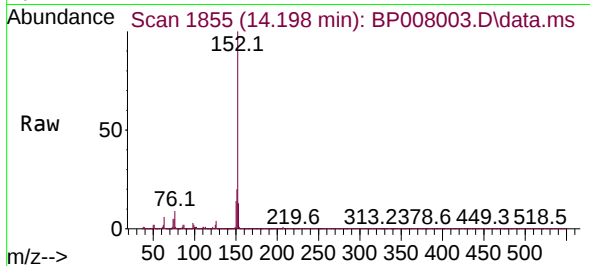




#49
Acenaphthylene
Concen: 9.725 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

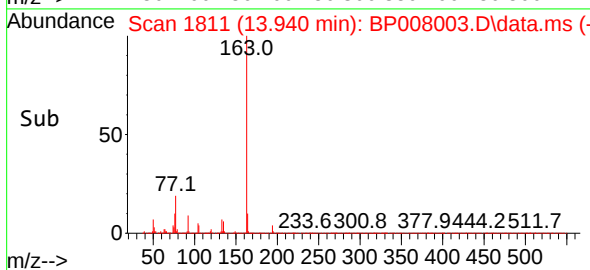
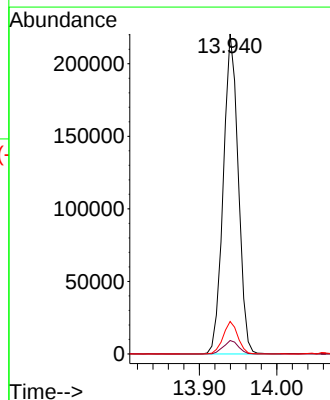
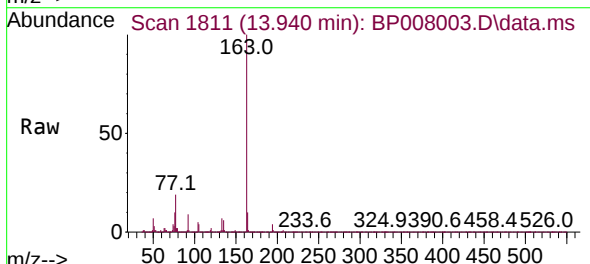
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

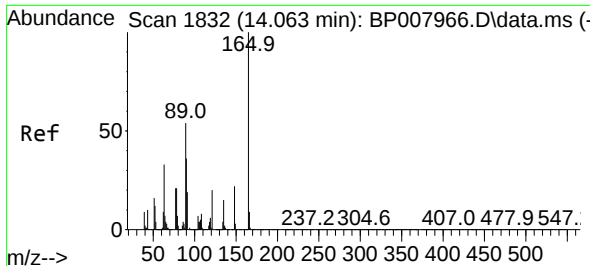
Tgt Ion:152 Resp: 338156
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.1 10.2 15.2



#50
Dimethylphthalate
Concen: 9.552 ng
RT: 13.940 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:163 Resp: 295650
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.2

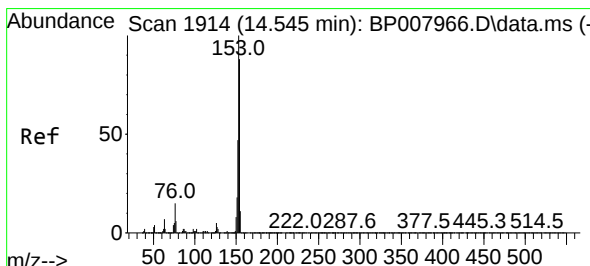
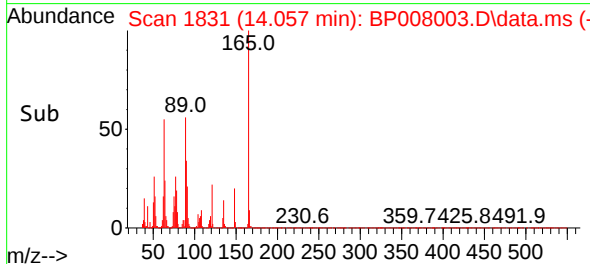
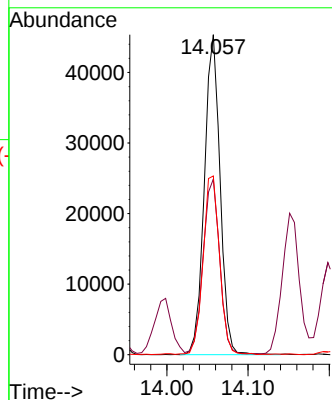
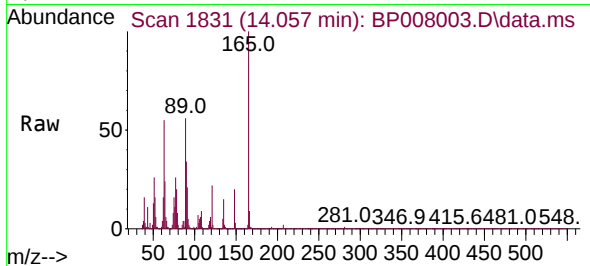




#51
2,6-Dinitrotoluene
Concen: 9.452 ng
RT: 14.057 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

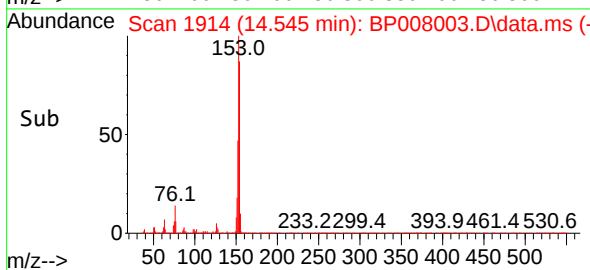
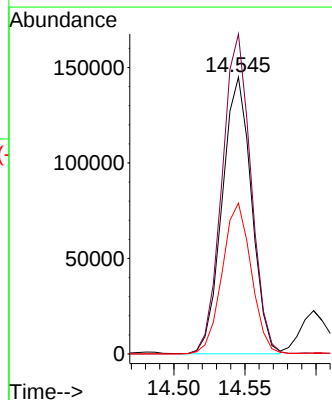
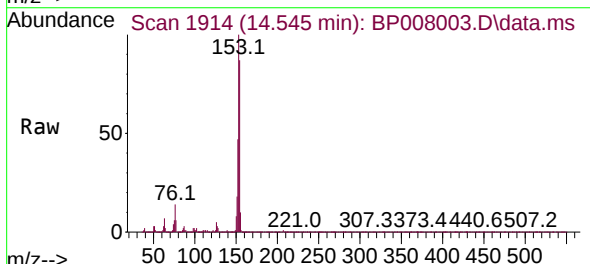
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

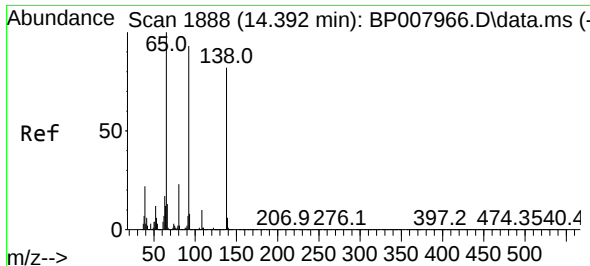
Tgt Ion:165 Resp: 60780
Ion Ratio Lower Upper
165 100
63 54.8 44.2 66.2
89 55.8 46.6 70.0



#52
Acenaphthene
Concen: 9.996 ng
RT: 14.545 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:154 Resp: 208045
Ion Ratio Lower Upper
154 100
153 115.6 90.4 135.6
152 54.5 42.3 63.5

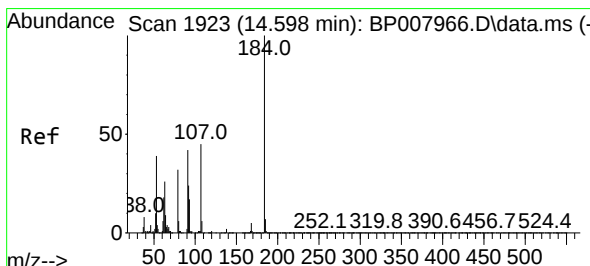
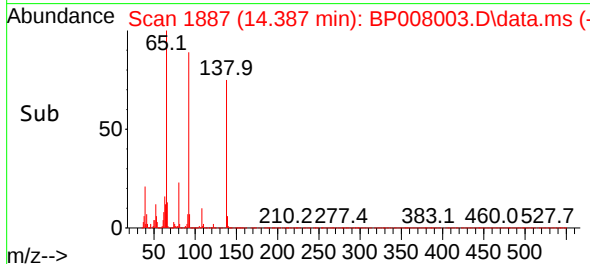
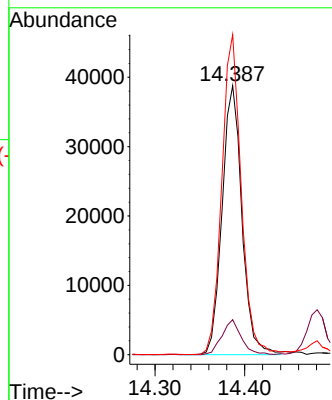
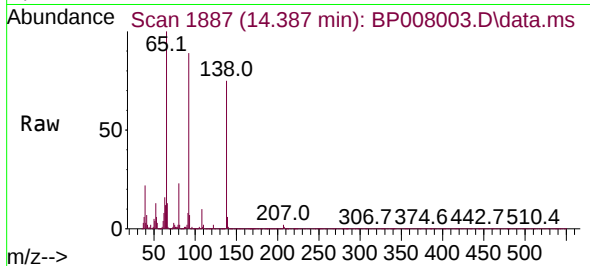




#53
3-Nitroaniline
Concen: 9.047 ng
RT: 14.387 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

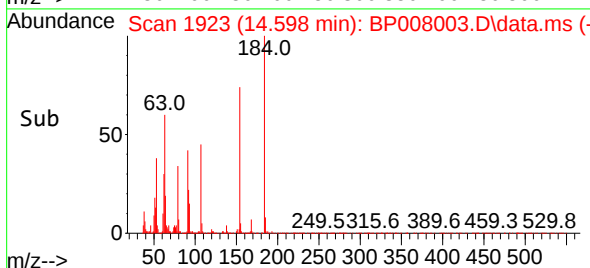
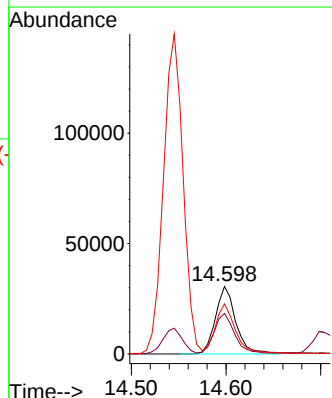
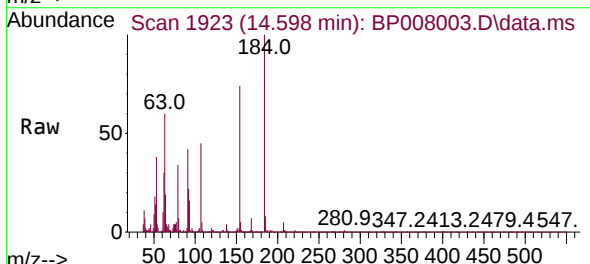
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

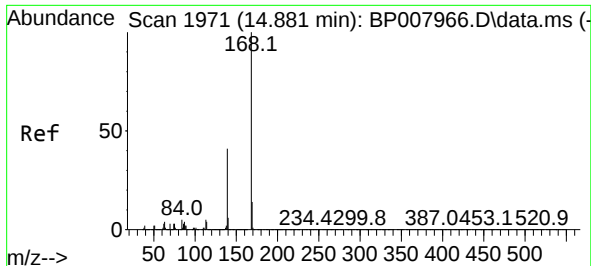
Tgt Ion:138 Resp: 59313
Ion Ratio Lower Upper
138 100
108 13.1 12.3 18.5
92 119.0 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 11.737 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:184 Resp: 45548
Ion Ratio Lower Upper
184 100
63 60.0 44.0 66.0
154 74.1 48.9 73.3#

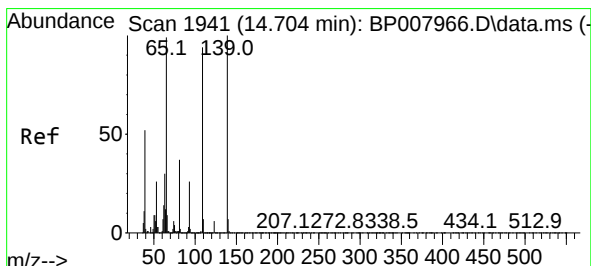
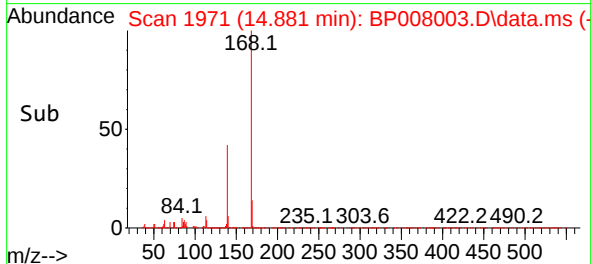
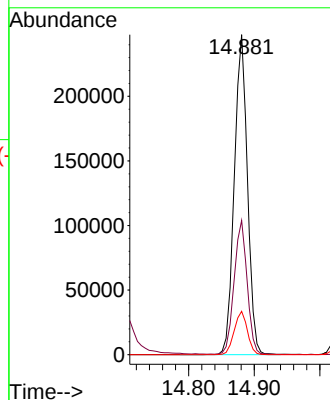
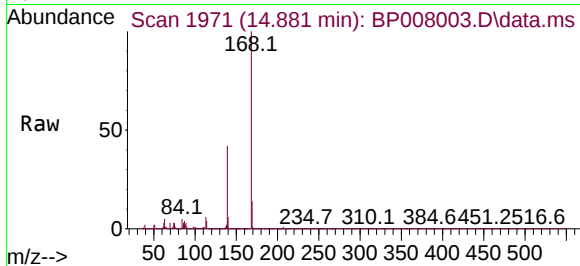




#55
Dibenzenofuran
Concen: 9.756 ng
RT: 14.881 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

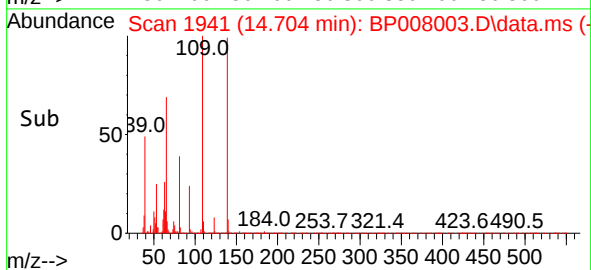
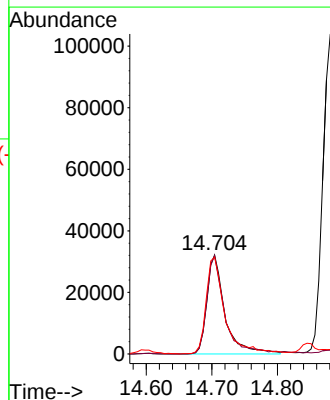
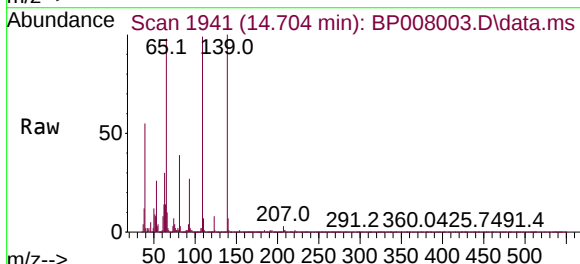
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

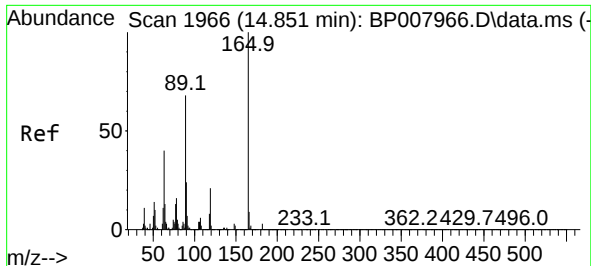
Tgt Ion:168 Resp: 345317
Ion Ratio Lower Upper
168 100
139 42.0 30.8 46.2
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 11.475 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:139 Resp: 61315
Ion Ratio Lower Upper
139 100
109 99.5 60.9 100.9
65 97.7 76.5 116.5

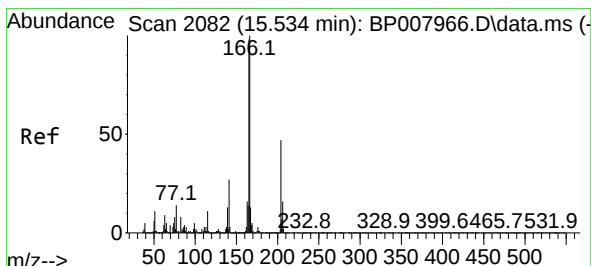
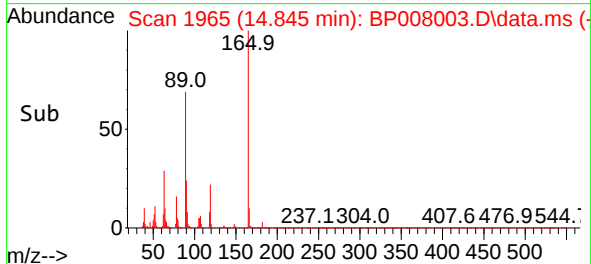
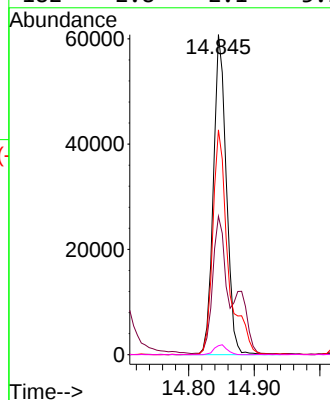
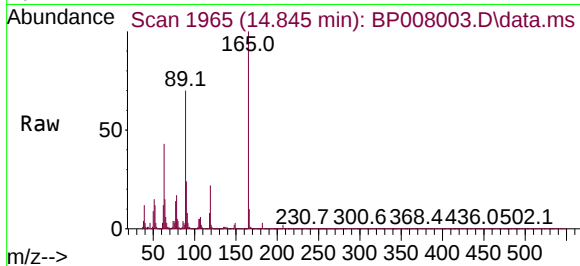




#57
2,4-Dinitrotoluene
Concen: 9.751 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

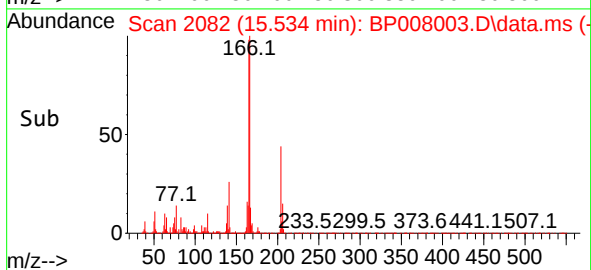
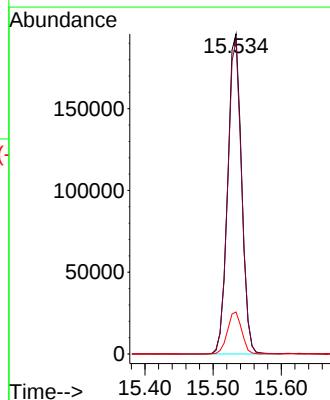
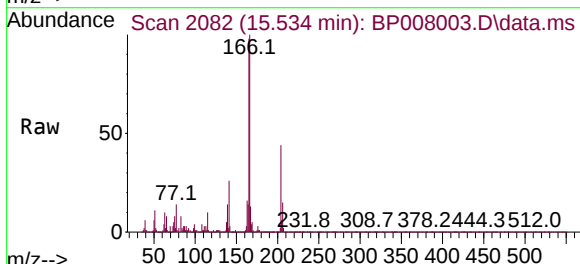
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

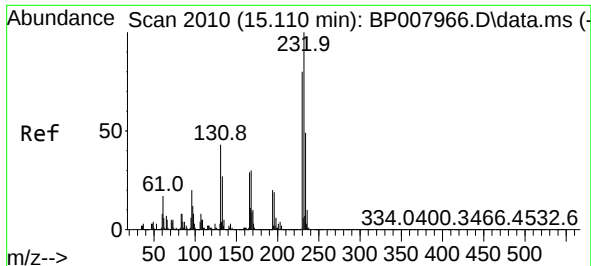
Tgt Ion:	165	Resp:	83462
Ion Ratio	Lower	Upper	
165	100		
63	43.2	37.4	56.0
89	70.3	61.8	92.6
182	2.8	2.1	3.1



#58
Fluorene
Concen: 9.821 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:	166	Resp:	276563
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.9	118.3
167	13.1	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.073 ng

RT: 15.028 min Scan# 1996

Delta R.T. -0.082 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion:232 Resp: 79981

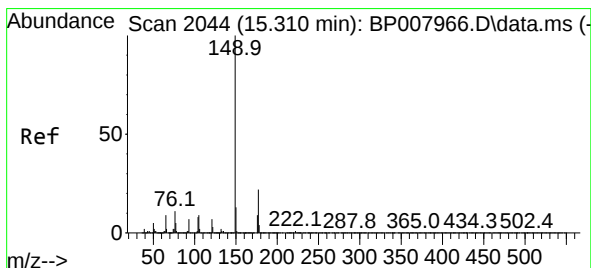
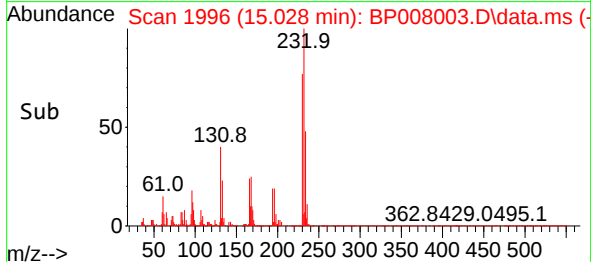
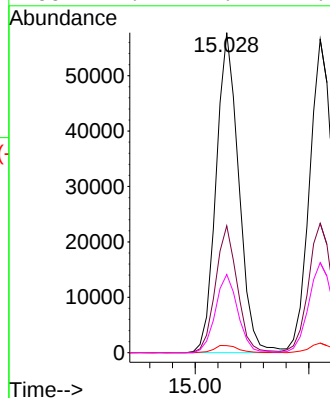
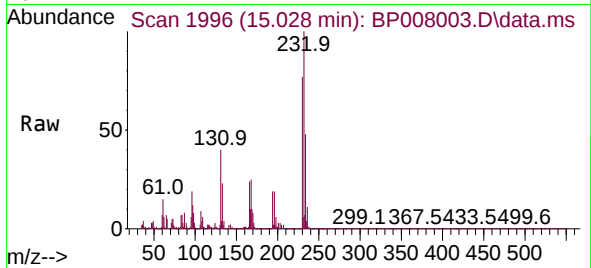
Ion Ratio Lower Upper

232 100

131 38.2 30.3 45.5

130 2.4 1.8 2.8

166 24.1 19.4 29.0



#60

Diethylphthalate

Concen: 9.710 ng

RT: 15.310 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

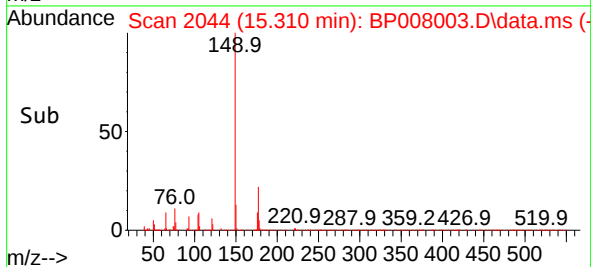
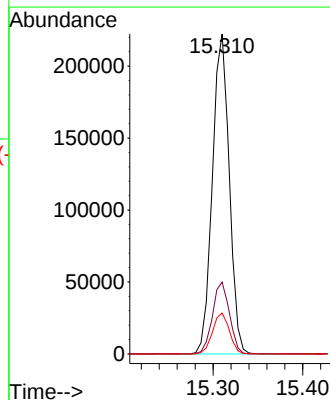
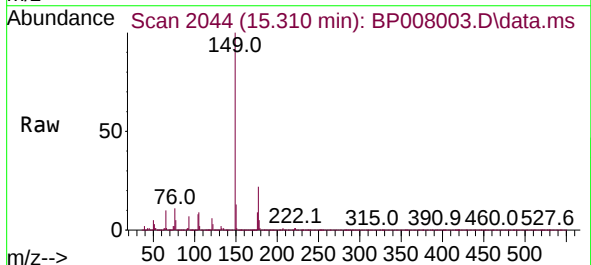
Tgt Ion:149 Resp: 289703

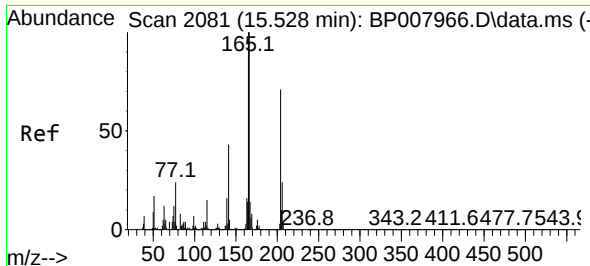
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.8 10.2 15.2

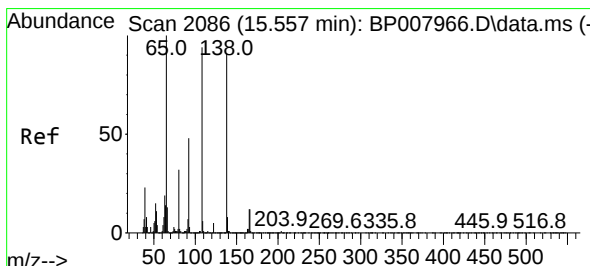
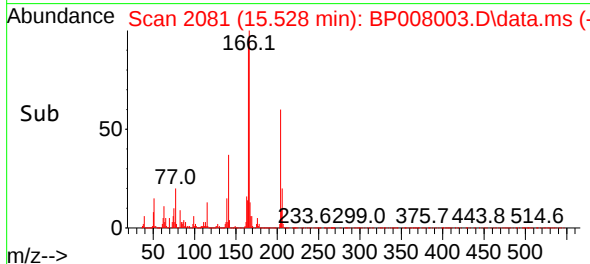
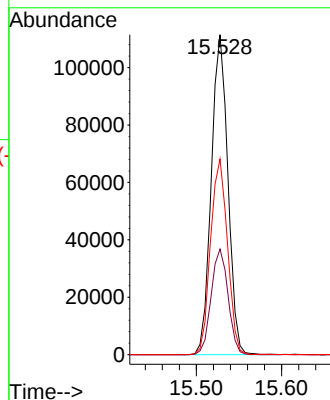
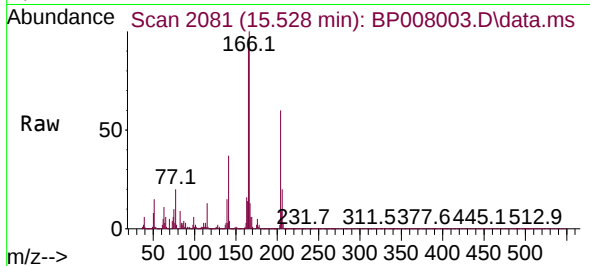




#61
4-Chlorophenyl-phenylether
Concen: 9.897 ng
RT: 15.528 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

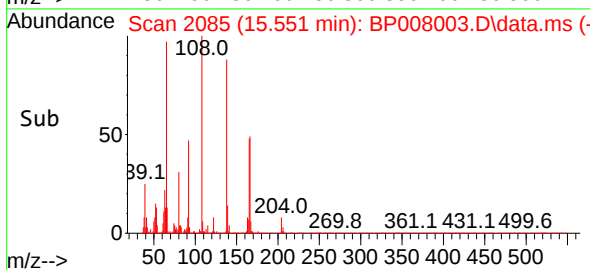
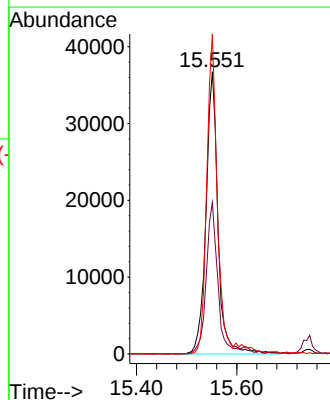
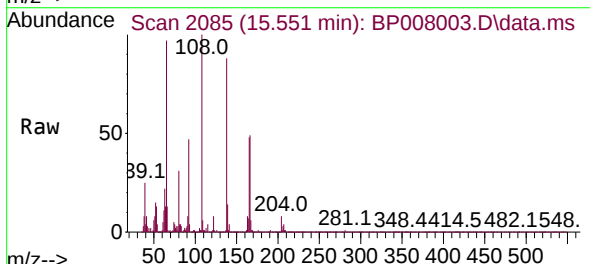
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

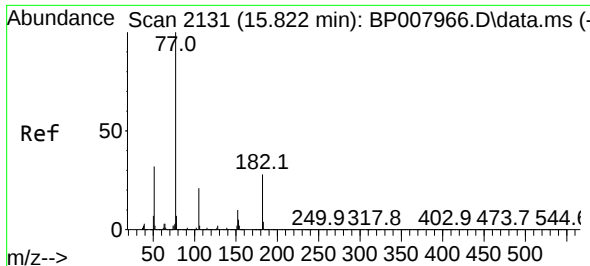
Tgt Ion:204 Resp: 150736
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 61.2 48.8 73.2



#62
4-Nitroaniline
Concen: 9.071 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:138 Resp: 61119
Ion Ratio Lower Upper
138 100
92 53.7 30.7 70.7
108 113.4 71.2 111.2#

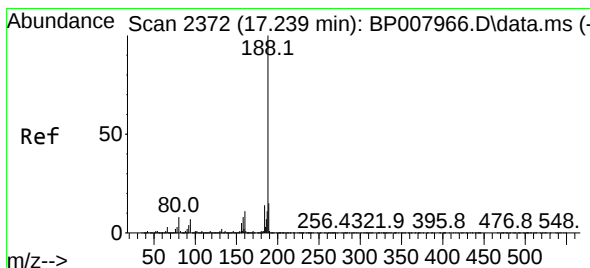
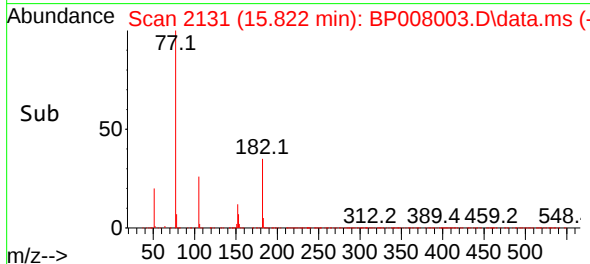
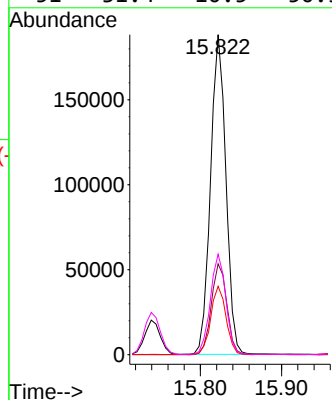
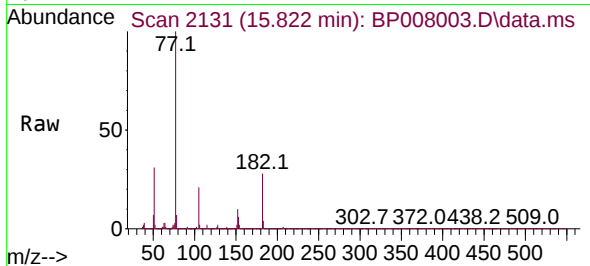




#63
Azobenzene
Concen: 9.831 ng
RT: 15.822 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

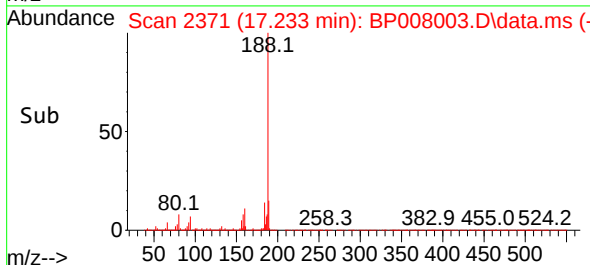
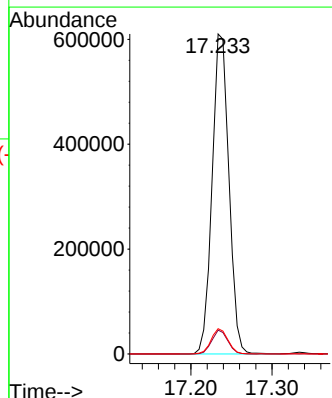
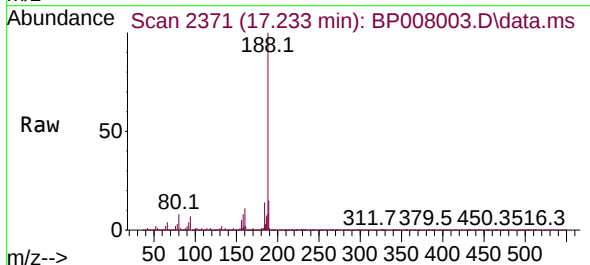
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

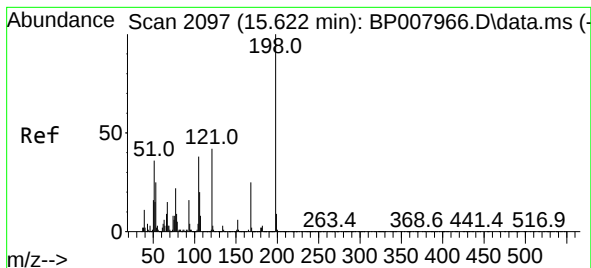
Tgt Ion: 77	Resp: 246936
Ion Ratio	Lower Upper
77 100	
182 28.4	6.5 46.5
105 21.4	1.3 41.3
51 31.4	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:188	Resp: 876157
Ion Ratio	Lower Upper
188 100	
94 7.4	7.1 10.7
80 7.9	7.8 11.6

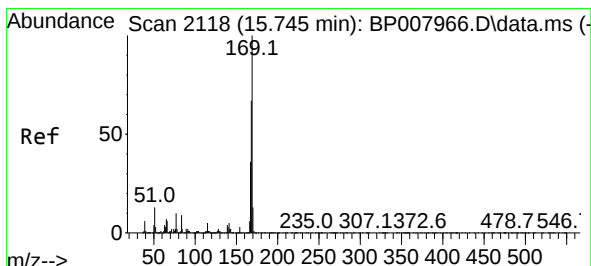
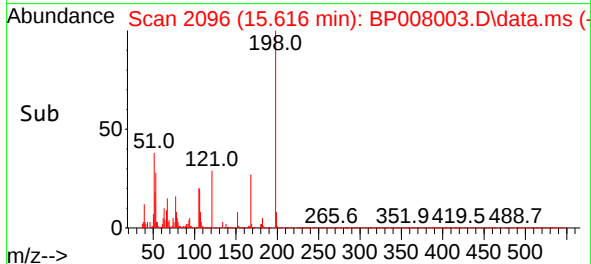
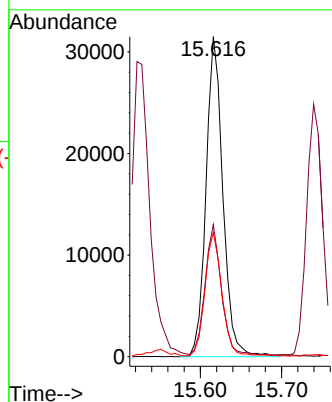
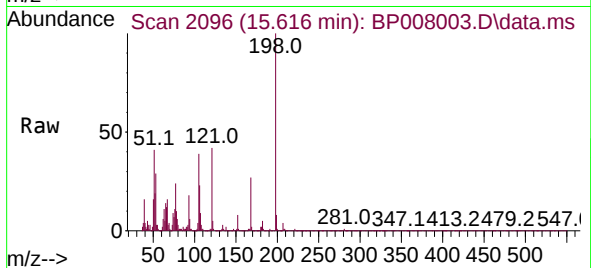




#65
4,6-Dinitro-2-methylphenol
Concen: 7.894 ng
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

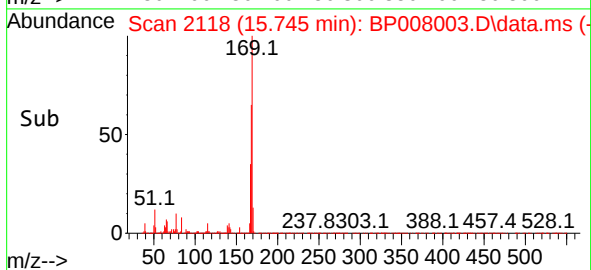
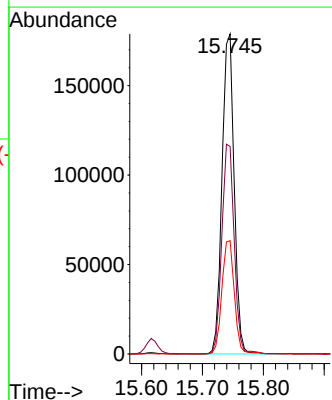
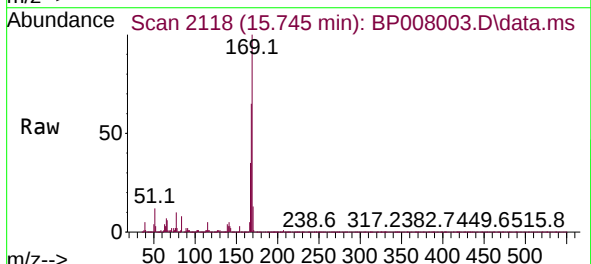
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

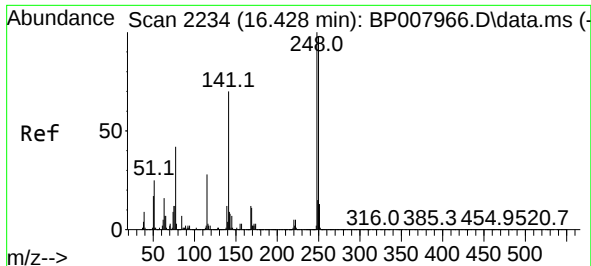
Tgt Ion:198	Resp:	45329
Ion Ratio	Lower	Upper
198	100	
51	41.3	23.8 63.8
105	38.8	24.6 64.6



#66
n-Nitrosodiphenylamine
Concen: 9.839 ng
RT: 15.745 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:169	Resp:	246760
Ion Ratio	Lower	Upper
169	100	
168	64.9	52.7 79.1
167	35.4	29.0 43.6

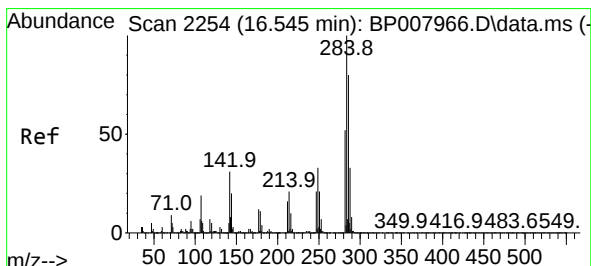
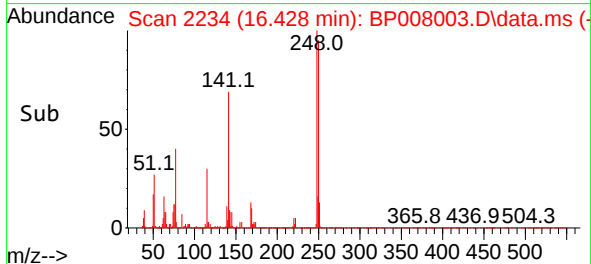
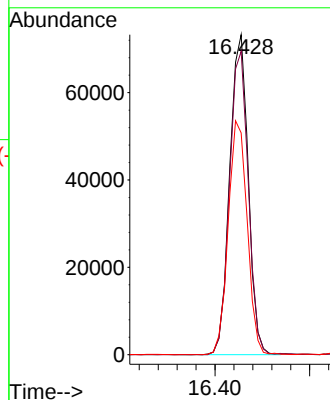
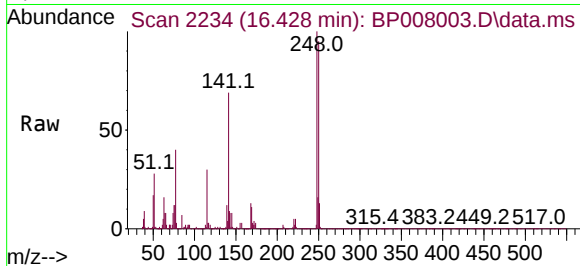




#67
4-Bromophenyl-phenylether
Concen: 9.676 ng
RT: 16.428 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

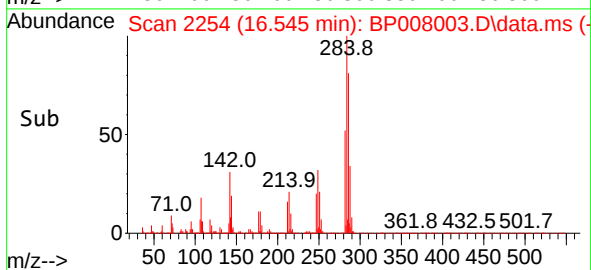
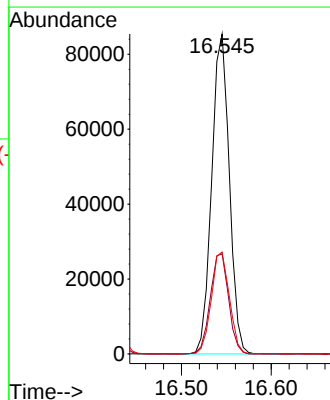
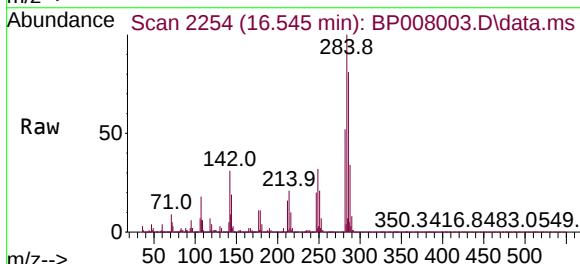
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

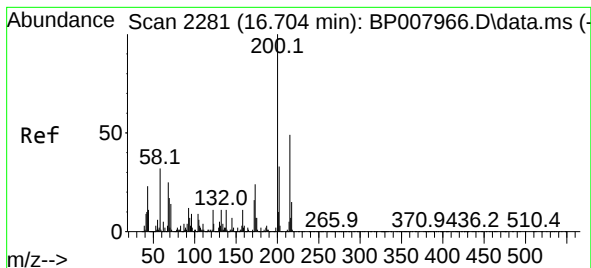
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.2	117.2
141	69.3	60.8	91.2



#68
Hexachlorobenzene
Concen: 10.080 ng
RT: 16.545 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	30.6	46.0
249	31.9	26.6	40.0





#69

Atrazine

Concen: 9.949 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

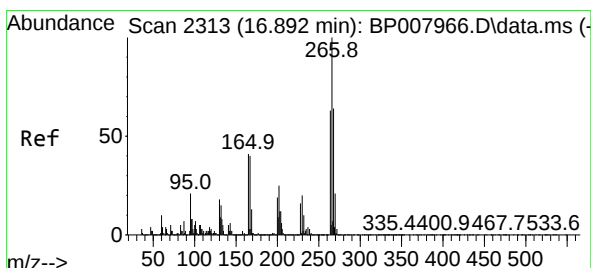
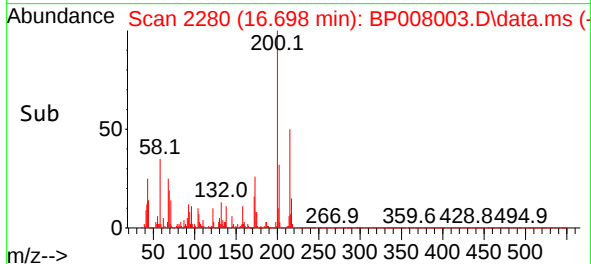
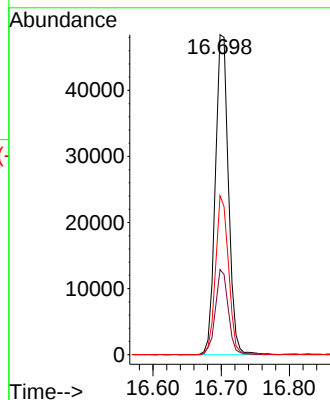
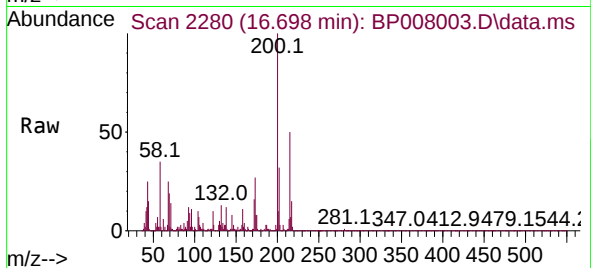
Tgt Ion:200 Resp: 65050

Ion Ratio Lower Upper

200 100

173 26.6 6.2 46.2

215 49.7 28.2 68.2



#70

Pentachlorophenol

Concen: 10.196 ng

RT: 16.892 min Scan# 2313

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

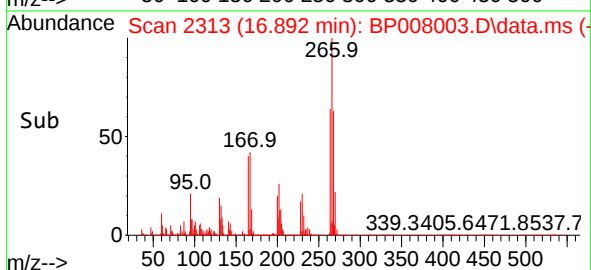
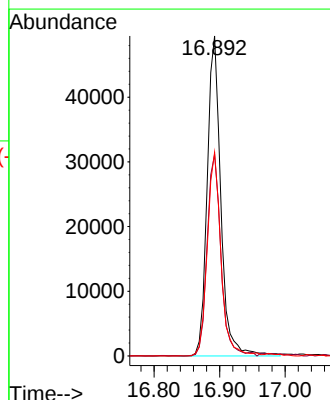
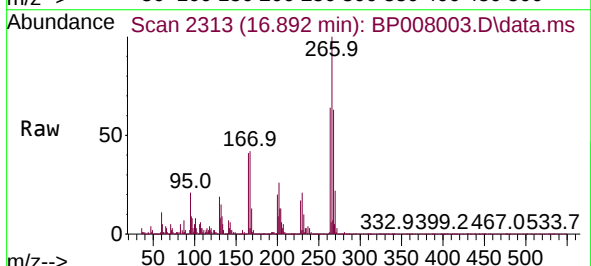
Tgt Ion:266 Resp: 71758

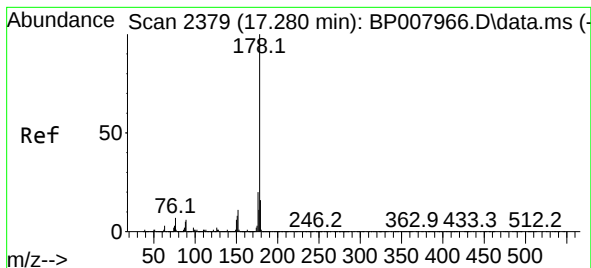
Ion Ratio Lower Upper

266 100

268 62.9 49.3 73.9

264 63.6 48.7 73.1





#71

Phenanthrene

Concen: 9.904 ng

RT: 17.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

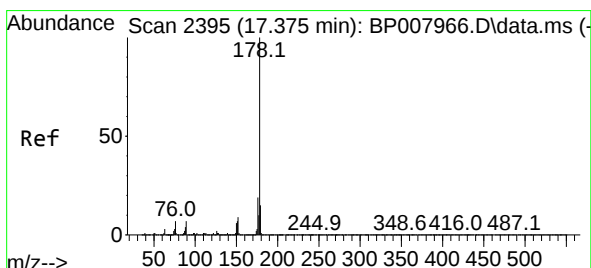
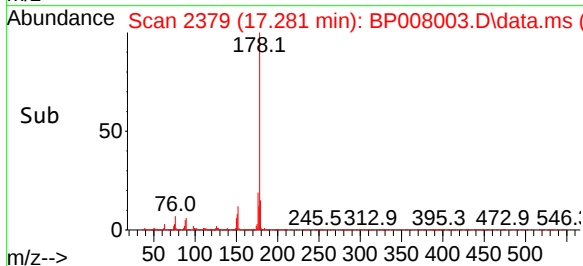
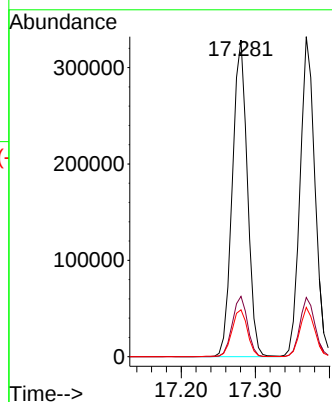
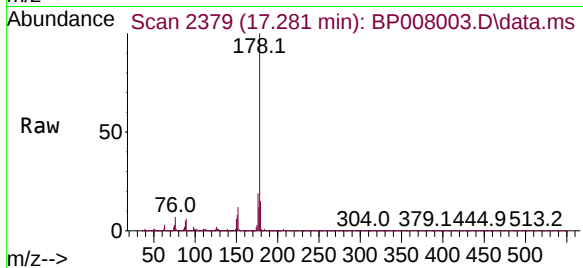
Tgt Ion:178 Resp: 462309

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 14.8 12.3 18.5



#72

Anthracene

Concen: 10.143 ng

RT: 17.369 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

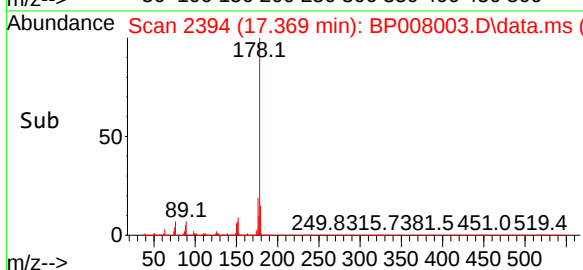
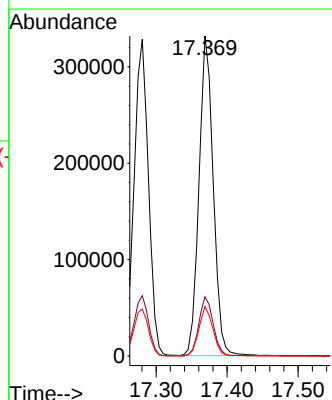
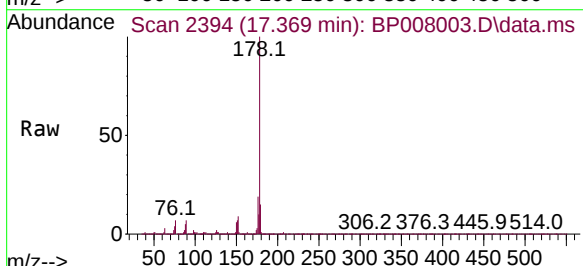
Tgt Ion:178 Resp: 464121

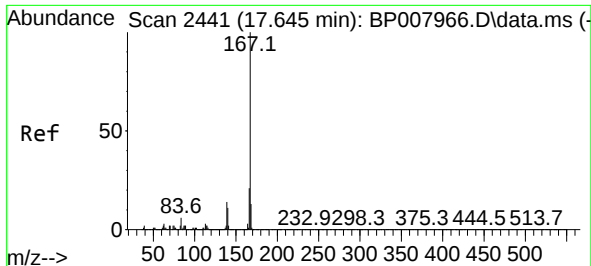
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.4 12.2 18.4

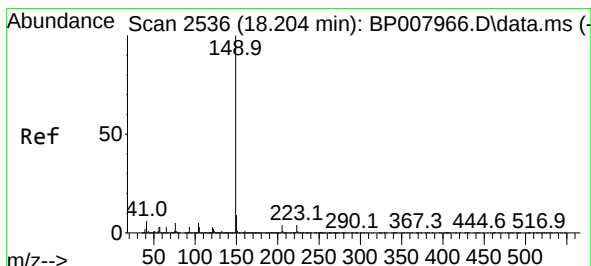
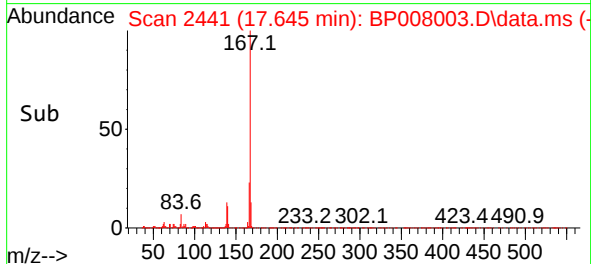
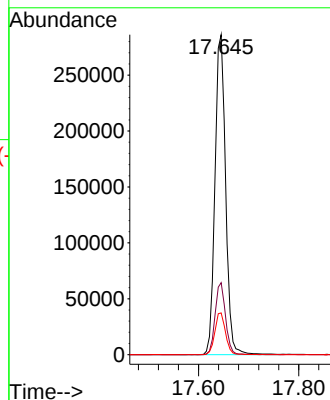
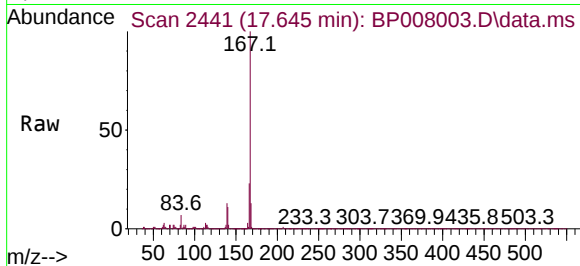




#73
 Carbazole
 Concen: 9.343 ng
 RT: 17.645 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: BP008003.D
 Acq: 17 Nov 2021 14:48

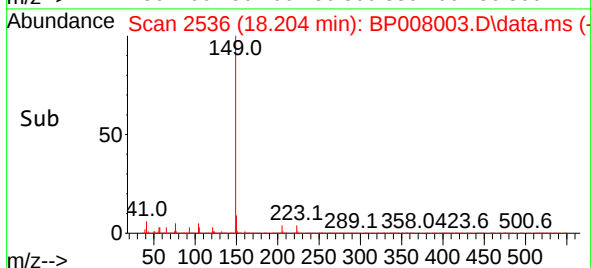
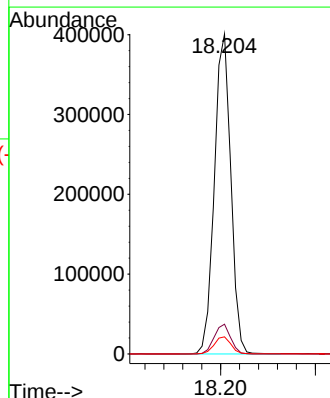
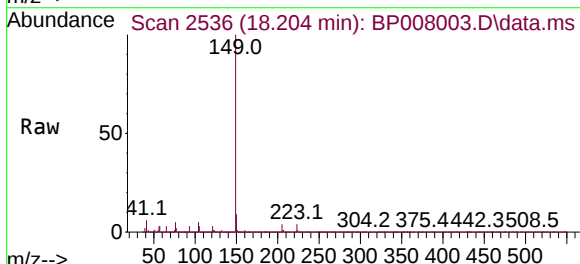
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

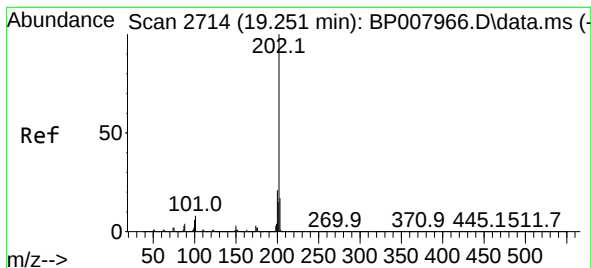
Tgt Ion:167 Resp: 421021
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.3 25.9
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 9.448 ng
 RT: 18.204 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BP008003.D
 Acq: 17 Nov 2021 14:48

Tgt Ion:149 Resp: 481813
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 9.956 ng

RT: 19.251 min Scan# 2714

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

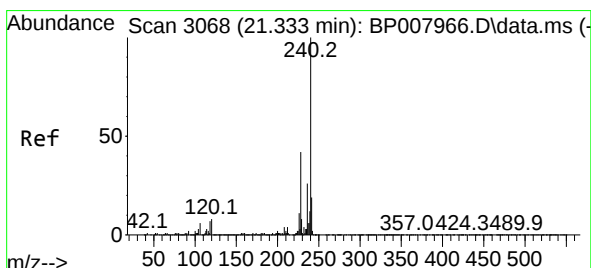
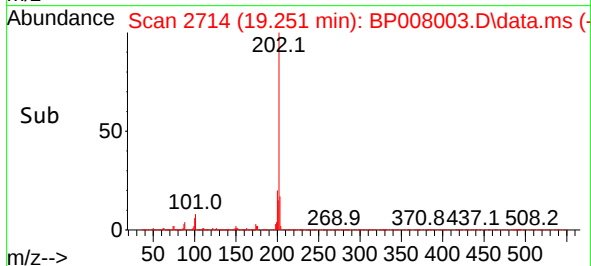
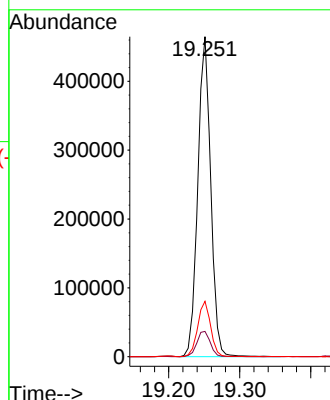
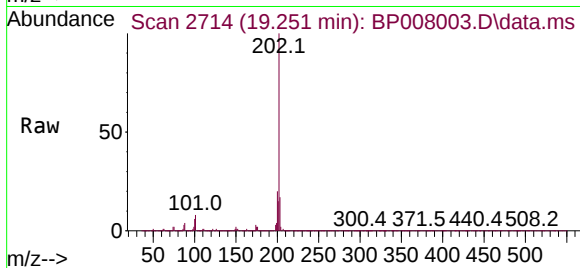
Tgt Ion:202 Resp: 588438

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.4

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

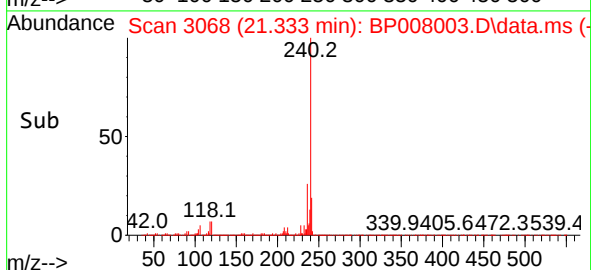
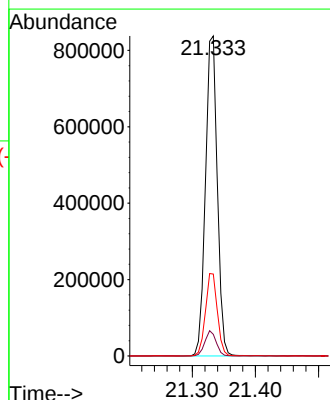
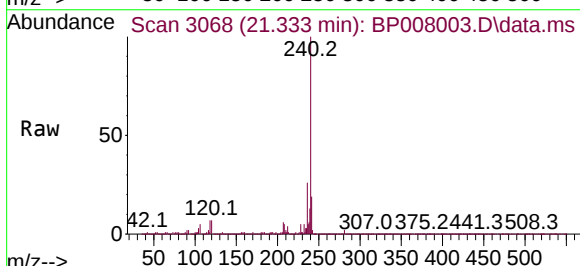
Tgt Ion:240 Resp: 1088691

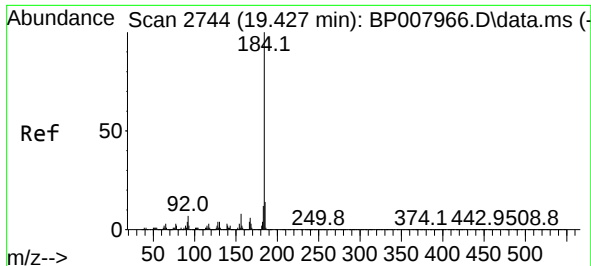
Ion Ratio Lower Upper

240 100

120 6.7 7.8 11.8#

236 25.6 20.6 30.8

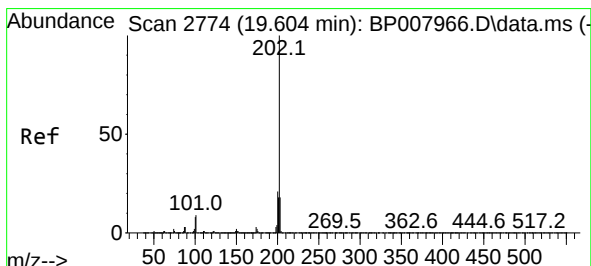
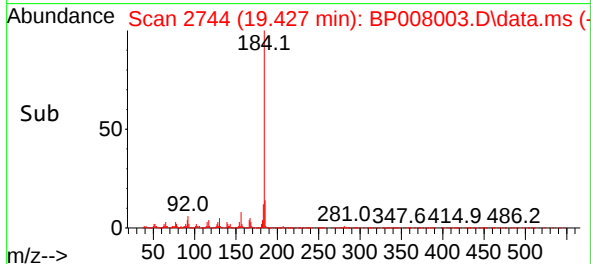
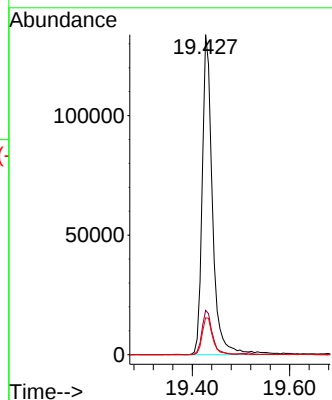
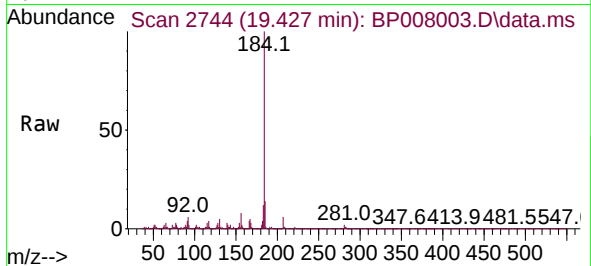




#77
Benzidine
Concen: 11.761 ng
RT: 19.427 min Scan# 2744
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

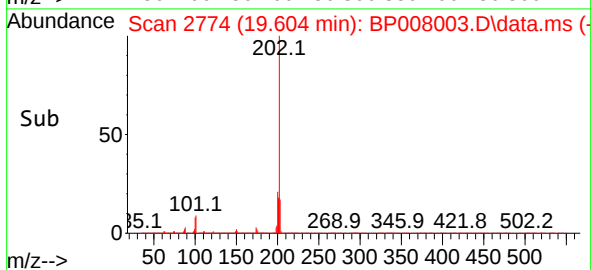
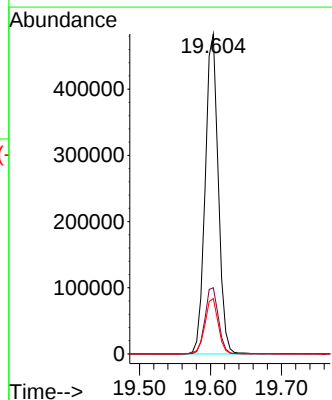
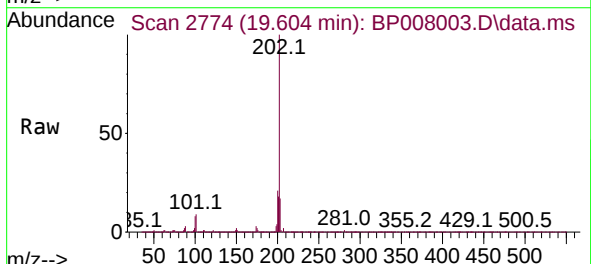
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

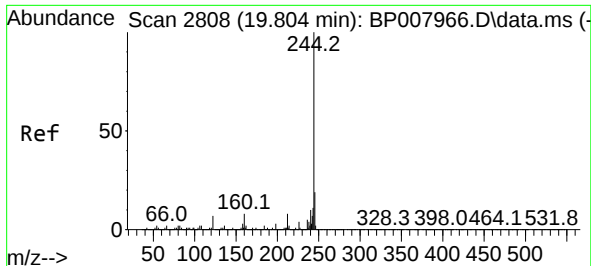
Tgt Ion:184 Resp: 196463
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.5 9.1 13.7



#78
Pyrene
Concen: 9.503 ng
RT: 19.604 min Scan# 2774
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:202 Resp: 618726
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.3 13.8 20.6

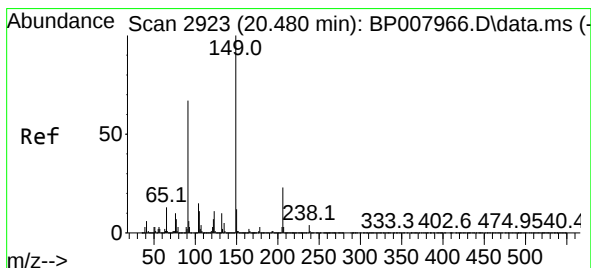
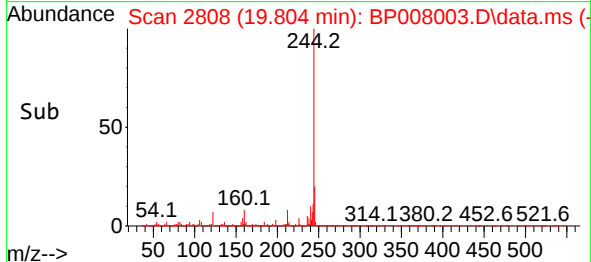
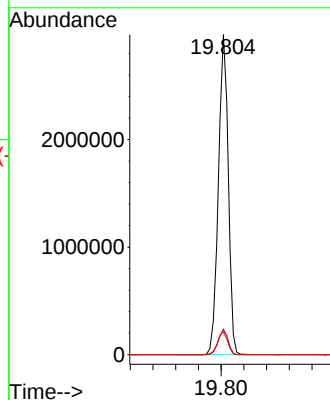
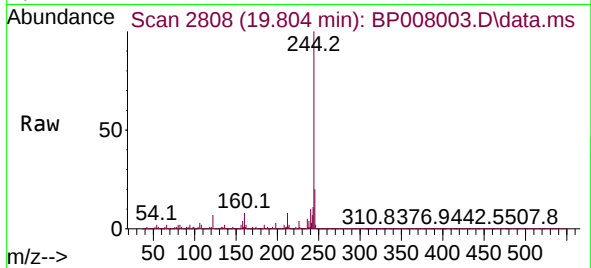




#79
Terphenyl-d14
Concen: 66.478 ng
RT: 19.804 min Scan# 2808
Delta R.T. -0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

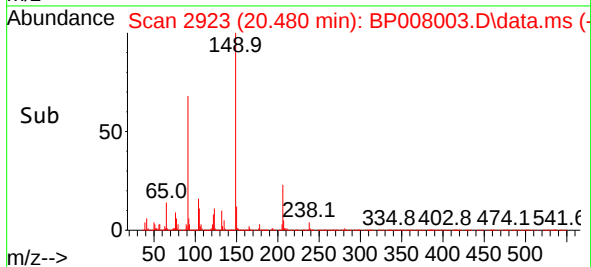
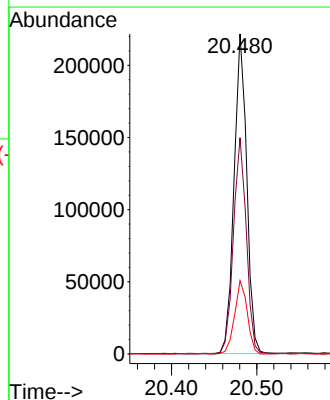
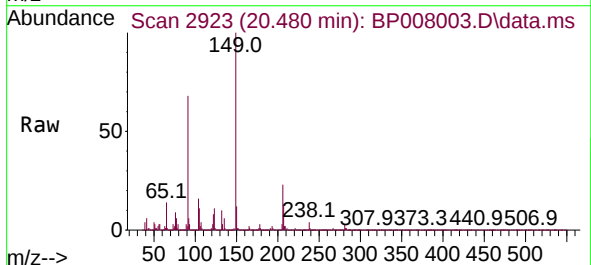
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

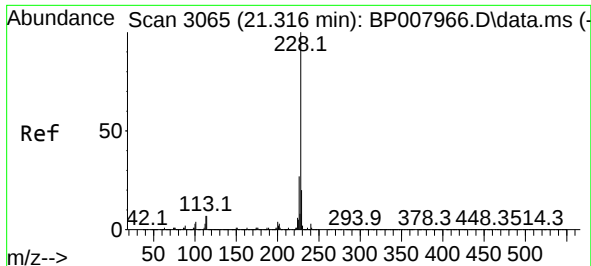
Tgt Ion:244 Resp: 3569272
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.2 7.8 11.8#



#80
Butylbenzylphthalate
Concen: 8.521 ng
RT: 20.480 min Scan# 2923
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:149 Resp: 229071
Ion Ratio Lower Upper
149 100
91 67.6 56.6 85.0
206 22.9 17.4 26.2

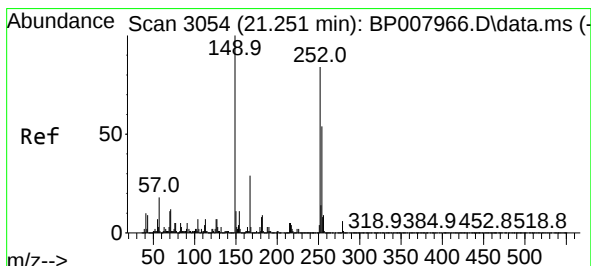
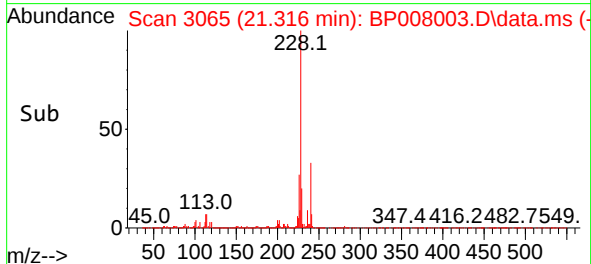
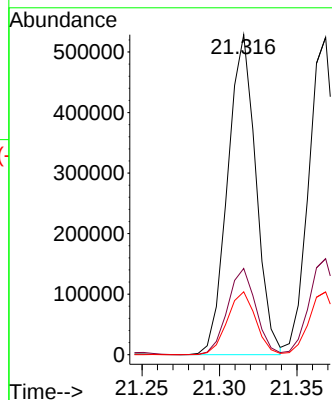
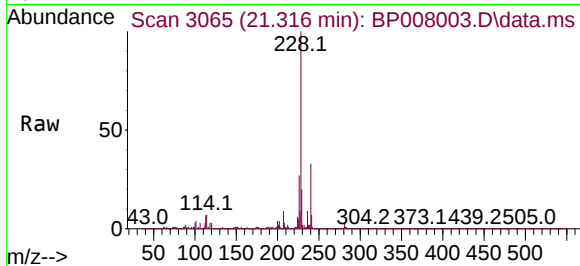




#81
Benzo(a)anthracene
Concen: 9.342 ng
RT: 21.316 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

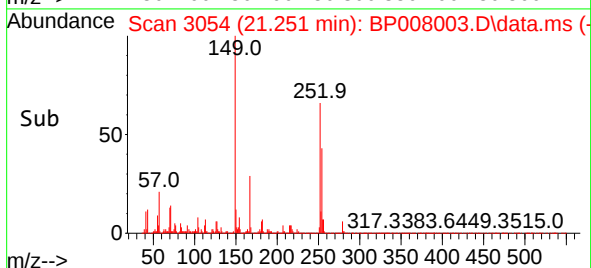
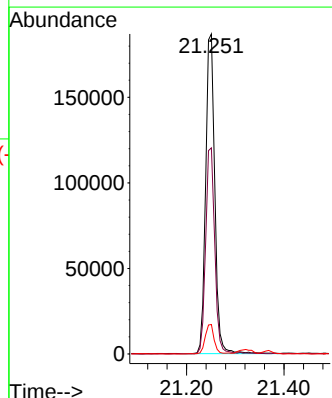
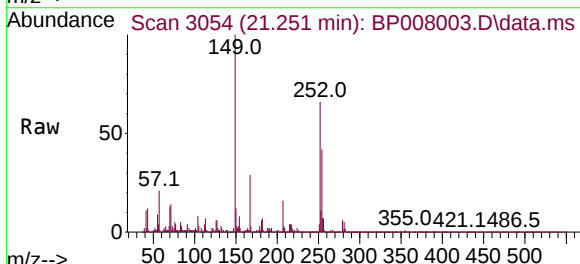
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

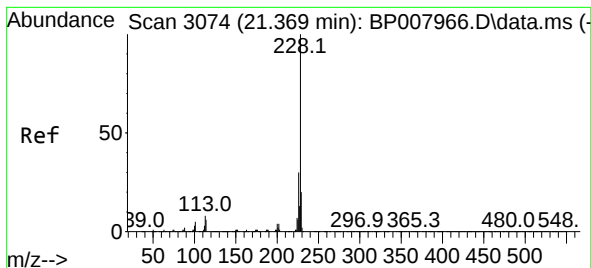
Tgt Ion:228 Resp: 669532
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 7.335 ng
RT: 21.251 min Scan# 3054
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:252 Resp: 242665
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 9.2 8.5 12.7





#83

Chrysene

Concen: 9.672 ng

RT: 21.369 min Scan# 3074

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

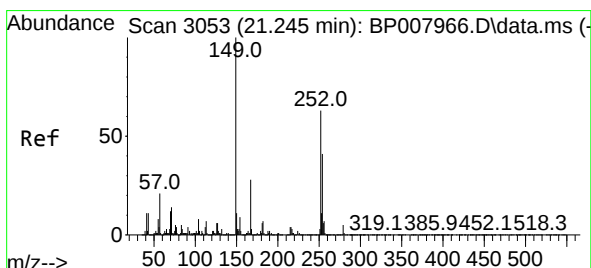
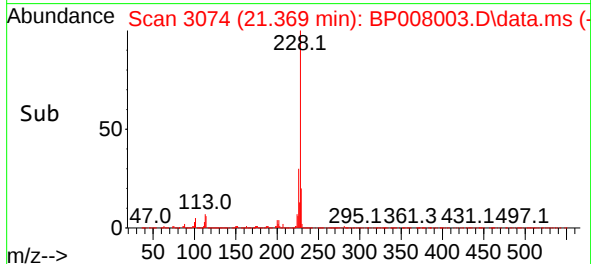
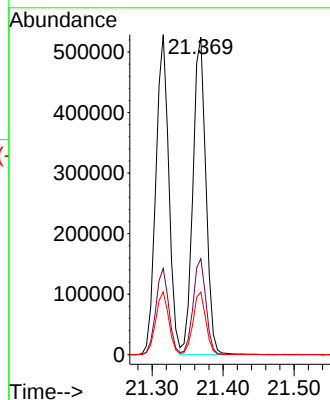
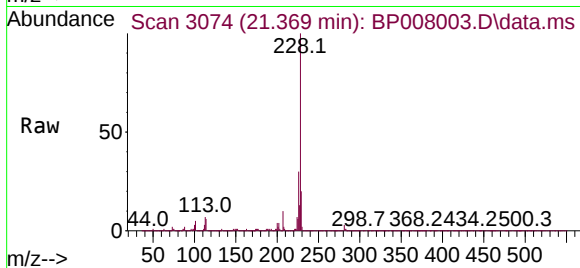
Tgt Ion:228 Resp: 664409

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.414 ng

RT: 21.245 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

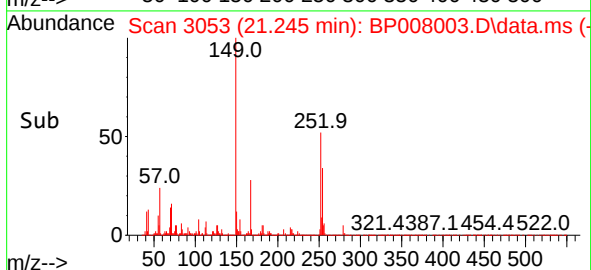
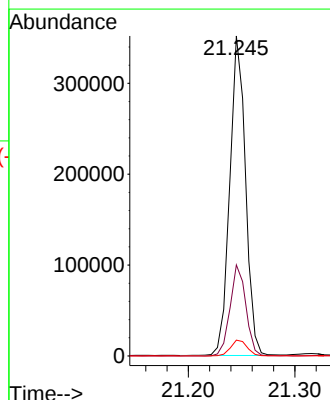
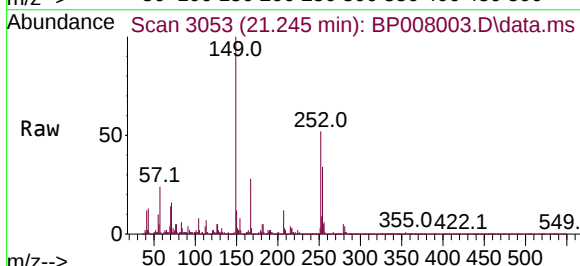
Tgt Ion:149 Resp: 361325

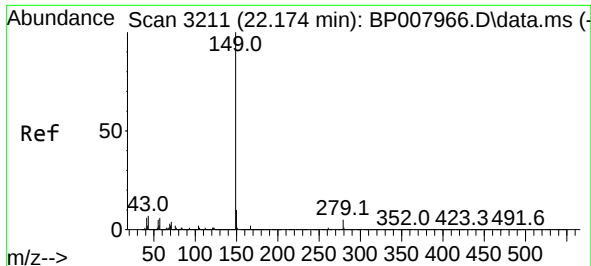
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 4.9 3.3 4.9#

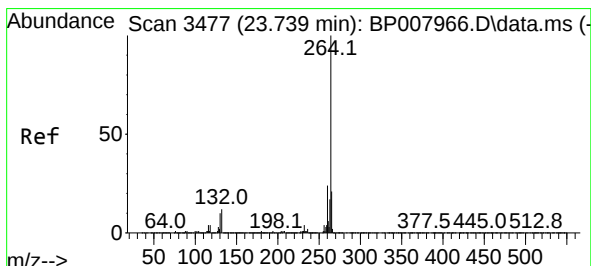
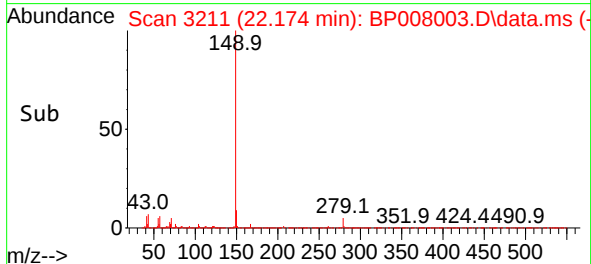
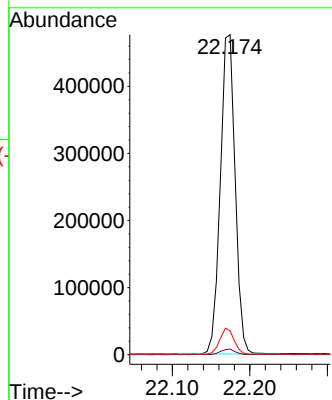
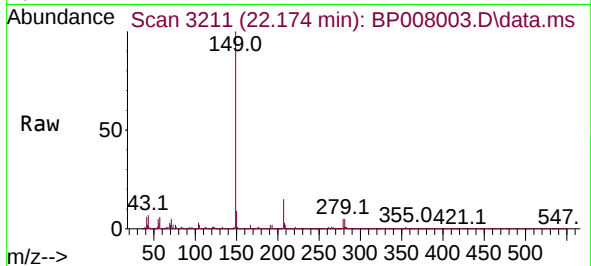




#85
Di-n-octyl phthalate
Concen: 8.979 ng
RT: 22.174 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

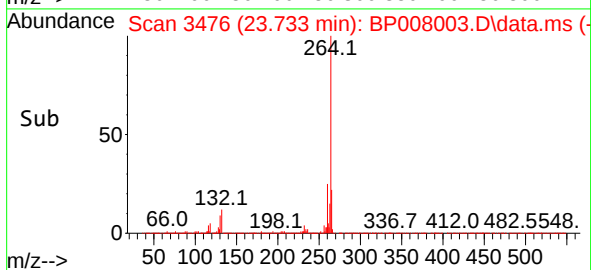
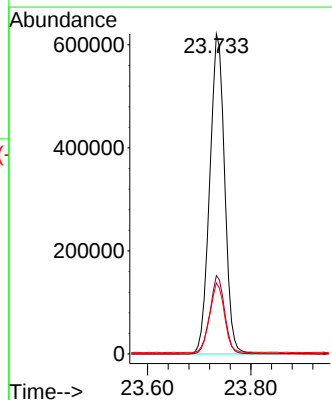
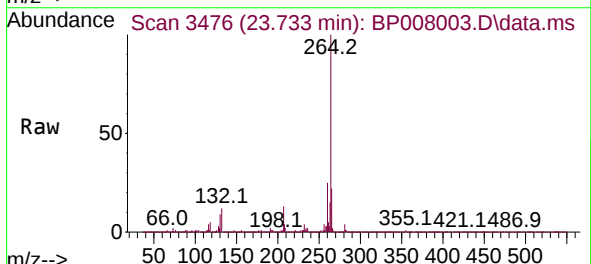
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

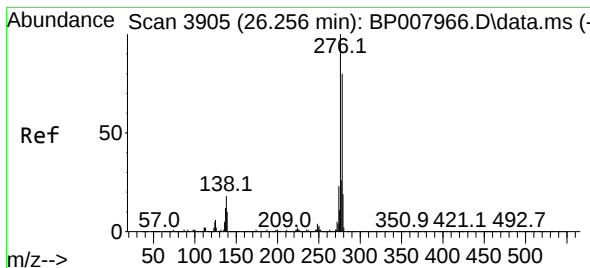
Tgt Ion:149 Resp: 635095
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:264 Resp: 1246692
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.868 ng

RT: 26.239 min Scan# 331

Delta R.T. -0.018 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

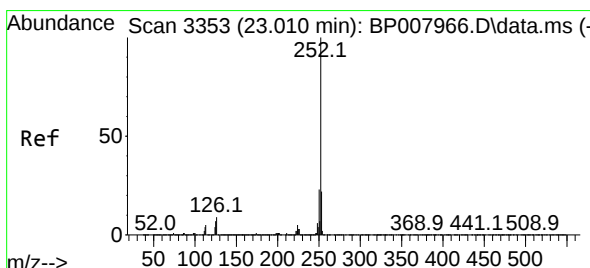
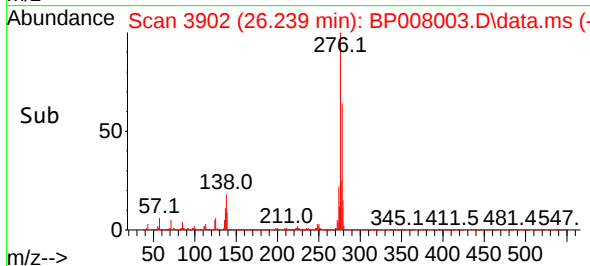
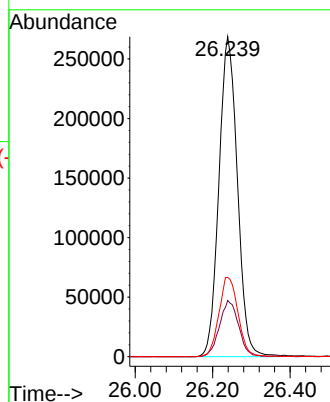
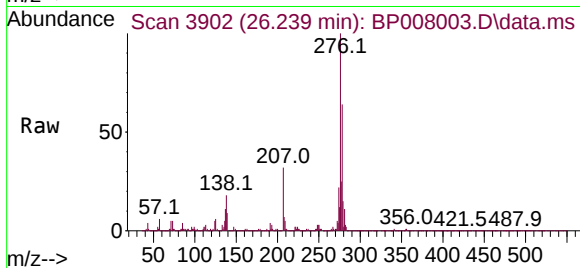
Tgt Ion:276 Resp: 888200

Ion Ratio Lower Upper

276 100

138 18.2 19.4 29.0#

277 25.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 9.935 ng

RT: 22.998 min Scan# 3351

Delta R.T. -0.012 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

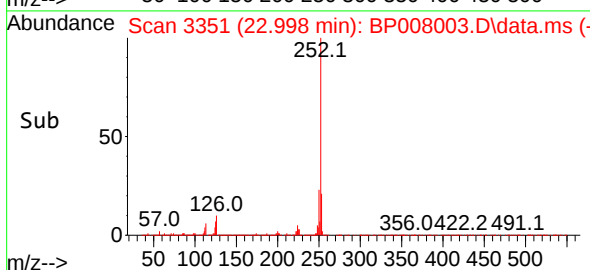
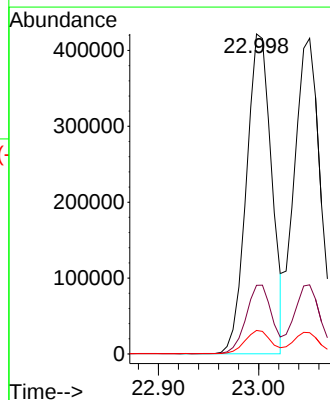
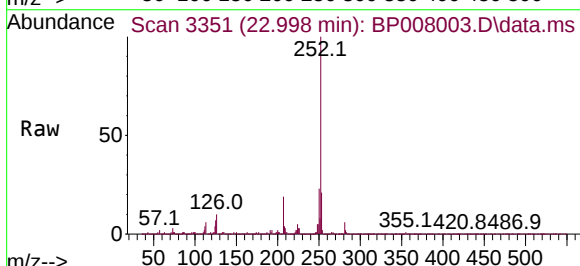
Tgt Ion:252 Resp: 737290

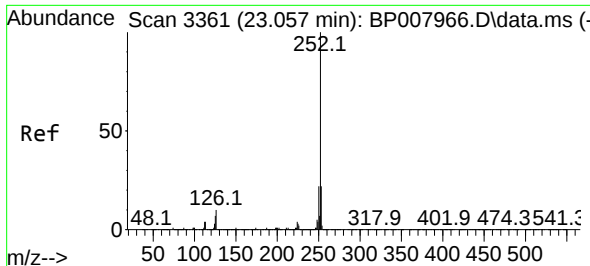
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 7.3 7.4 11.0#

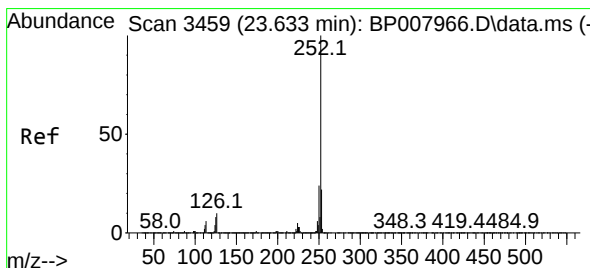
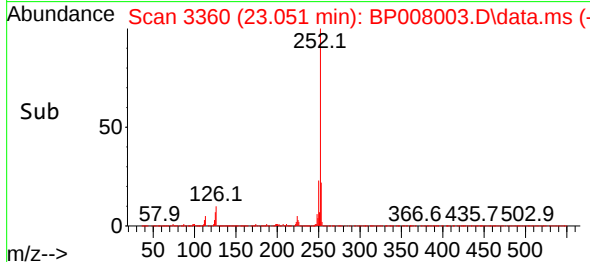
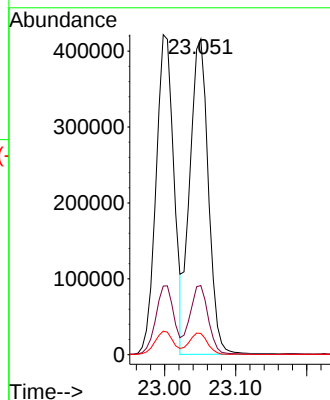
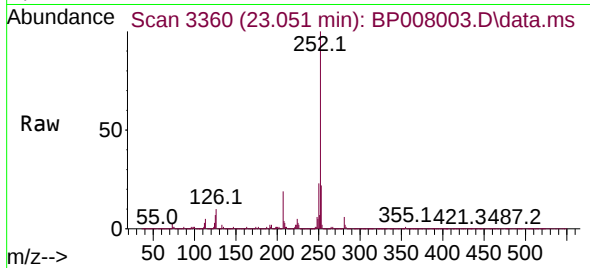




#89
Benzo(k)fluoranthene
Concen: 10.144 ng
RT: 23.051 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

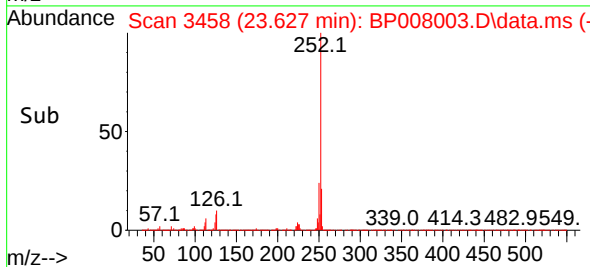
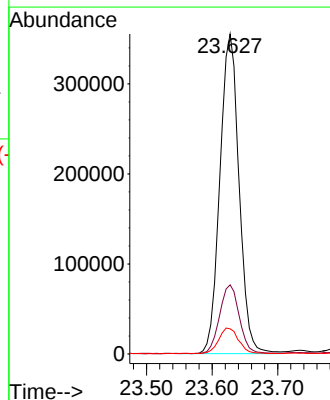
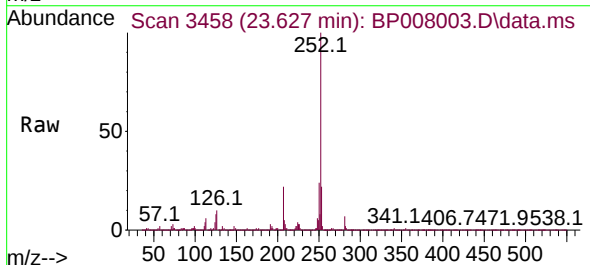
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

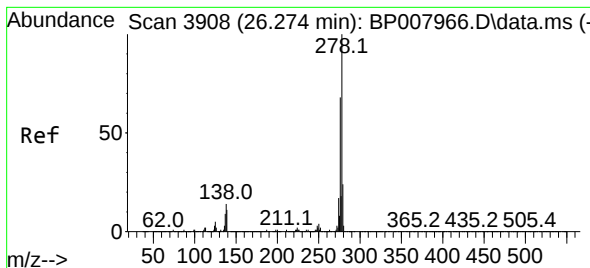
Tgt Ion:252 Resp: 752027
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 6.7 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 11.316 ng
RT: 23.627 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP008003.D
Acq: 17 Nov 2021 14:48

Tgt Ion:252 Resp: 718217
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.8 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 10.099 ng

RT: 26.257 min Scan# 3908

Delta R.T. -0.018 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

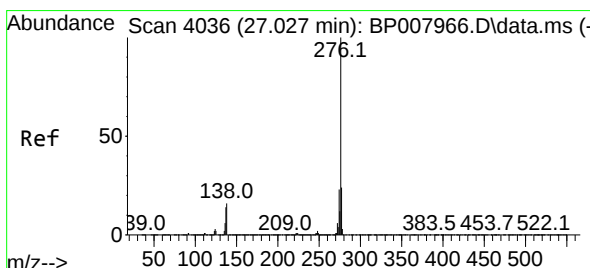
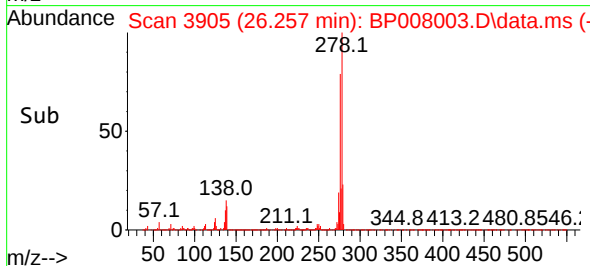
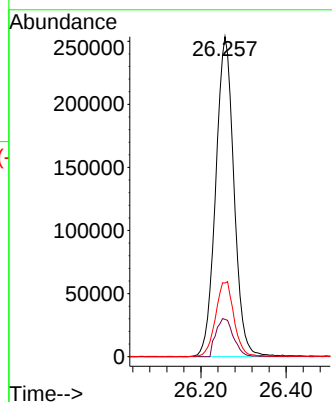
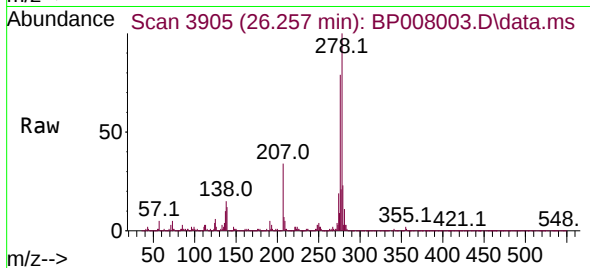
Tgt Ion:278 Resp: 754060

Ion Ratio Lower Upper

278 100

139 11.7 11.8 17.6#

279 23.0 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 10.263 ng

RT: 27.004 min Scan# 4032

Delta R.T. -0.023 min

Lab File: BP008003.D

Acq: 17 Nov 2021 14:48

Tgt Ion:276 Resp: 755401

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 15.4 16.2 24.4#

