

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
 Data File : BP007983.D
 Acq On : 15 Nov 2021 15:42
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 15 16:09:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 12:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	132708	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	535292	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	380368	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	863652	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	1069005	20.000	ng	0.00
86) Perylene-d12	23.751	264	1231138	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1031875	126.137	ng	0.00
7) Phenol-d6	7.016	99	1400475	128.684	ng	0.00
23) Nitrobenzene-d5	9.004	82	783480	78.325	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	772742	129.121	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1988047	73.315	ng	0.00
79) Terphenyl-d14	19.816	244	3340260	63.359	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	34894	10.135	ng	97
3) Pyridine	3.740	79	85671	8.675	ng	98
4) n-Nitrosodimethylamine	3.646	42	41099	11.267	ng	97
6) Aniline	7.169	93	134363	10.933	ng	95
8) 2-Chlorophenol	7.410	128	82584	9.549	ng	98
9) Benzaldehyde	6.981	77	75476	10.753	ng	93
10) Phenol	7.046	94	109155	10.338	ng	93
11) bis(2-Chloroethyl)ether	7.269	93	79712	9.186	ng	98
12) 1,3-Dichlorobenzene	7.728	146	93348	9.598	ng	100
13) 1,4-Dichlorobenzene	7.875	146	95757	9.684	ng	98
14) 1,2-Dichlorobenzene	8.193	146	91816	9.196	ng	98
15) Benzyl Alcohol	8.087	79	77038	9.359	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	95165	9.075	ng	97
17) 2-Methylphenol	8.293	107	67710	9.312	ng	98
18) Hexachloroethane	8.922	117	32601	9.723	ng	93
19) n-Nitroso-di-n-propyla...	8.651	70	64204	9.477	ng	99
20) 3+4-Methylphenols	8.616	107	94141	9.342	ng	97
22) Acetophenone	8.663	105	127798	9.386	ng	99
24) Nitrobenzene	9.046	77	100199	10.481	ng	100
25) Isophorone	9.575	82	166795	9.587	ng	96
26) 2-Nitrophenol	9.757	139	44779	9.175	ng	# 92
27) 2,4-Dimethylphenol	9.822	122	78804	10.931	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	107068	9.274	ng	98
29) 2,4-Dichlorophenol	10.293	162	83629	9.423	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	97112	9.564	ng	99
31) Naphthalene	10.693	128	265615	9.717	ng	99
32) Benzoic acid	9.922	122	33263	5.339	ng	96
33) 4-Chloroaniline	10.804	127	113801	9.693	ng	97
34) Hexachlorobutadiene	10.981	225	66189	9.540	ng	98
35) Caprolactam	11.587	113	25710	13.191	ng	# 84
36) 4-Chloro-3-methylphenol	11.940	107	91780	9.152	ng	99
37) 2-Methylnaphthalene	12.304	142	202640	10.144	ng	97
38) 1-Methylnaphthalene	12.522	142	188069	9.653	ng	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	114538	9.038	ng	98
41) Hexachlorocyclopentadiene	12.657	237	53142	9.132	ng	96
43) 2,4,6-Trichlorophenol	12.916	196	74905	8.649	ng	95

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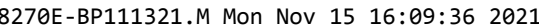
Instrument :
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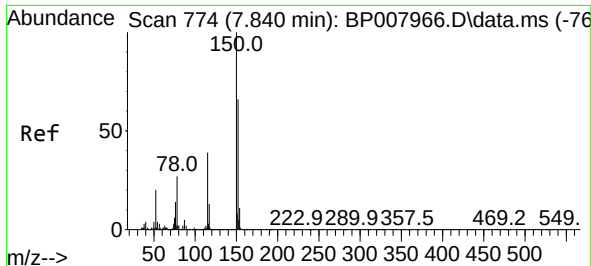
Quant Time: Nov 15 16:09:29 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 12:21:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	80879	8.595	ng	98
46) 1,1'-Biphenyl	13.316	154	255909	9.008	ng	98
47) 2-Chloronaphthalene	13.357	162	207467	9.335	ng	96
48) 2-Nitroaniline	13.563	65	56672	8.985	ng	93
49) Acenaphthylene	14.204	152	318252	9.414	ng	97
50) Dimethylphthalate	13.945	163	272937	9.070	ng	99
51) 2,6-Dinitrotoluene	14.063	165	56919	9.104	ng	97
52) Acenaphthene	14.551	154	195267	9.649	ng	99
53) 3-Nitroaniline	14.392	138	55223	8.663	ng	94
54) 2,4-Dinitrophenol	14.604	184	24453	6.481	ng	92
55) Dibenzofuran	14.886	168	329620	9.578	ng	98
56) 4-Nitrophenol	14.710	139	43075	8.292	ng	88
57) 2,4-Dinitrotoluene	14.851	165	78926	9.484	ng	# 90
58) Fluorene	15.539	166	261507	9.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	78572	9.168	ng	94
60) Diethylphthalate	15.316	149	276197	9.522	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	143961	9.722	ng	100
62) 4-Nitroaniline	15.557	138	59285	9.050	ng	94
63) Azobenzene	15.828	77	234132	9.588	ng	97
65) 4,6-Dinitro-2-methylph...	15.622	198	41224	7.283	ng	96
66) n-Nitrosodiphenylamine	15.745	169	233441	9.443	ng	100
67) 4-Bromophenyl-phenylether	16.433	248	93496	9.256	ng	99
68) Hexachlorobenzene	16.551	284	107829	9.478	ng	# 92
69) Atrazine	16.710	200	91682	14.225	ng	97
70) Pentachlorophenol	16.898	266	61123	8.811	ng	99
71) Phenanthrene	17.286	178	439312	9.548	ng	99
72) Anthracene	17.380	178	442726	9.815	ng	99
73) Carbazole	17.651	167	402593	9.064	ng	99
74) Di-n-butylphthalate	18.210	149	456130	9.074	ng	99
75) Fluoranthene	19.257	202	564454	9.689	ng	97
77) Benzidine	19.439	184	310567	18.935	ng	98
78) Pyrene	19.610	202	589774	9.226	ng	99
80) Butylbenzylphthalate	20.492	149	220436	8.351	ng	95
81) Benzo(a)anthracene	21.321	228	641856	9.120	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	249153	7.670	ng	99
83) Chrysene	21.380	228	641537	9.511	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	346888	9.204	ng	# 99
85) Di-n-octyl phthalate	22.186	149	615718	8.865	ng	98
87) Indeno(1,2,3-cd)pyrene	26.262	276	863109	9.710	ng	# 94
88) Benzo(b)fluoranthene	23.015	252	717511	9.791	ng	98
89) Benzo(k)fluoranthene	23.062	252	714789	9.764	ng	98
90) Benzo(a)pyrene	23.645	252	699790	11.165	ng	# 98
91) Dibenzo(a,h)anthracene	26.280	278	727689	9.869	ng	97
92) Benzo(g,h,i)perylene	27.033	276	728680	10.025	ng	# 94

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

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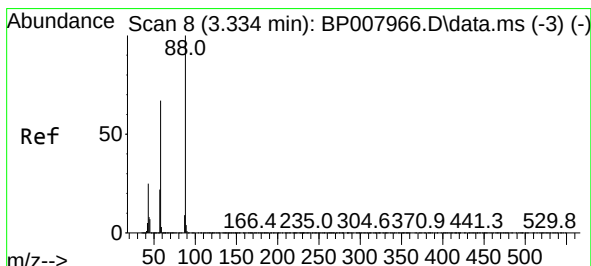
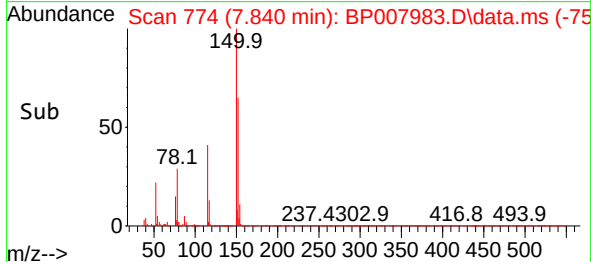
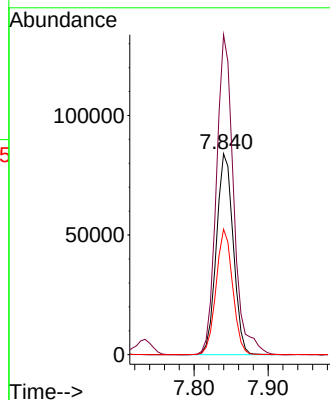
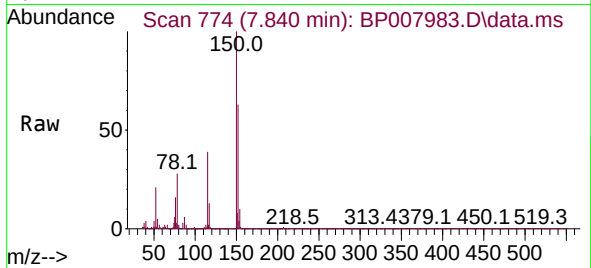




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

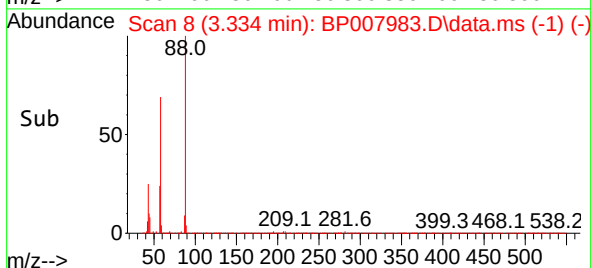
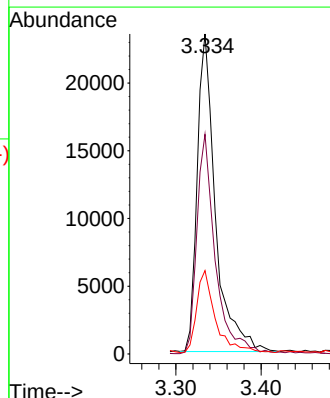
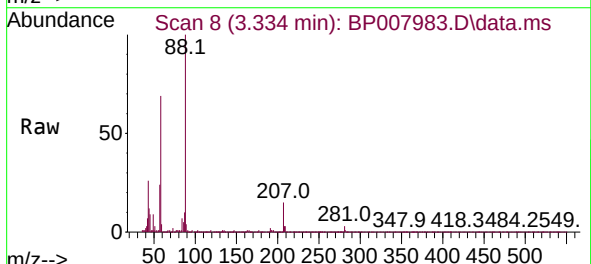
Instrument :
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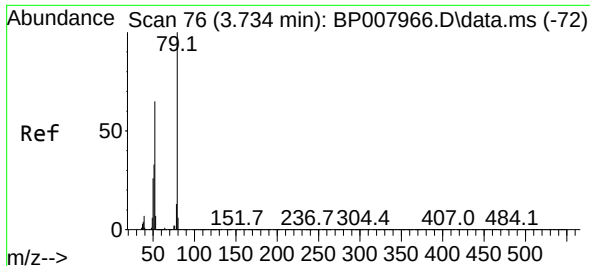
Tgt Ion:152 Resp: 132708
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 62.5 48.1 72.1



#2
1,4-Dioxane
Concen: 10.135 ng
RT: 3.334 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 88 Resp: 34894
Ion Ratio Lower Upper
88 100
58 69.8 58.1 87.1
43 26.3 22.2 33.4

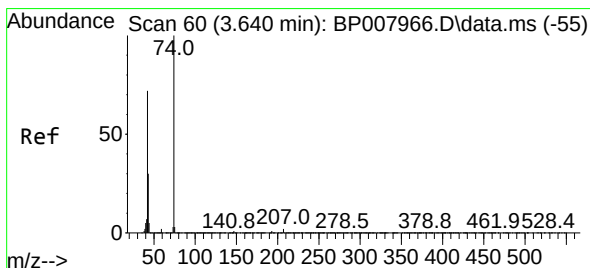
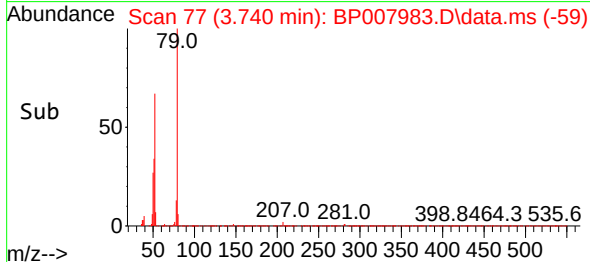
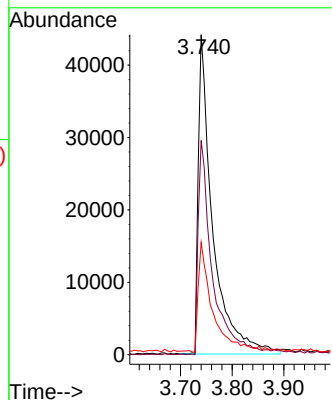
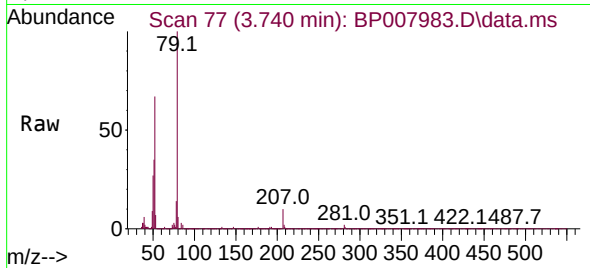




#3
Pyridine
Concen: 8.675 ng
RT: 3.740 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

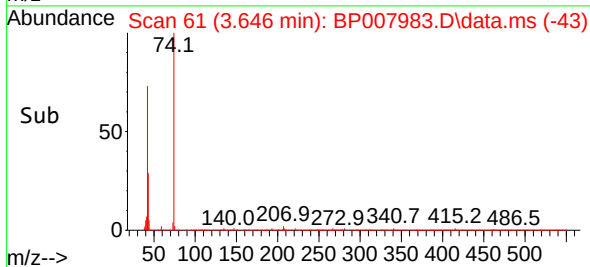
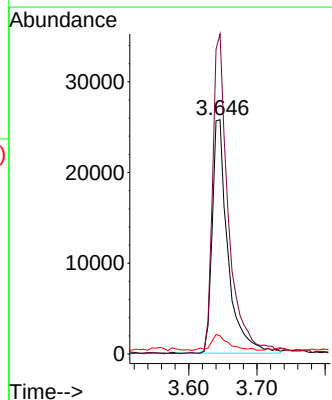
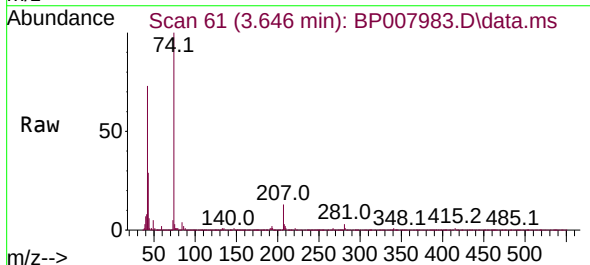
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

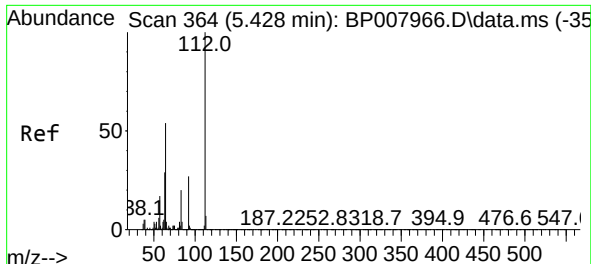
Tgt Ion: 79 Resp: 85671
Ion Ratio Lower Upper
79 100
52 67.0 55.7 83.5
51 35.1 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 11.267 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 42 Resp: 41099
Ion Ratio Lower Upper
42 100
74 136.6 107.0 160.4
44 7.8 7.4 11.2

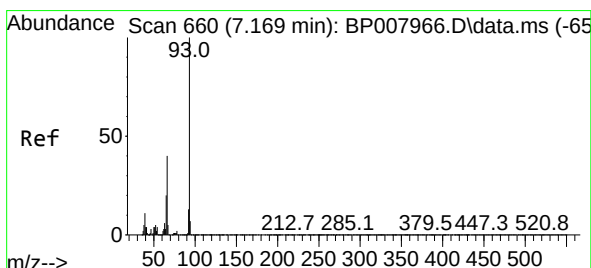
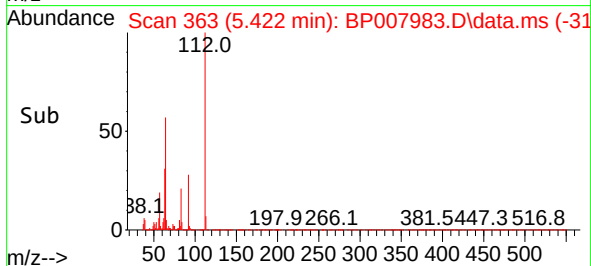
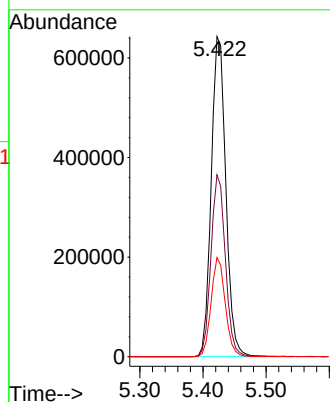
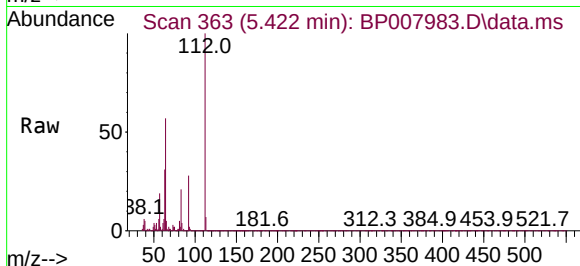




#5
2-Fluorophenol
Concen: 126.137 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

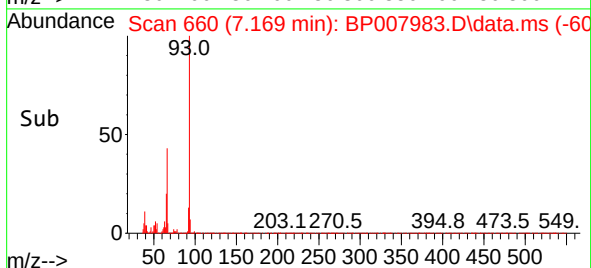
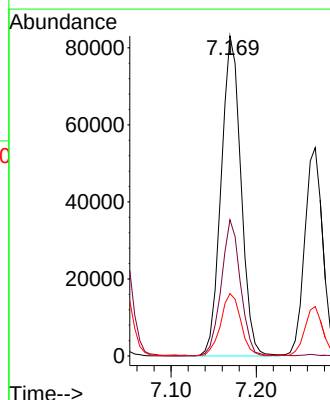
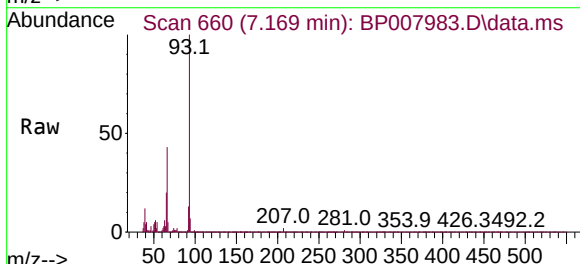
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

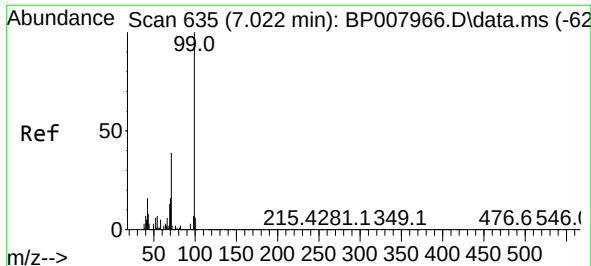
Tgt Ion:112 Resp: 1031875
Ion Ratio Lower Upper
112 100
64 56.8 46.6 70.0
63 31.0 25.0 37.6



#6
Aniline
Concen: 10.933 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 93 Resp: 134363
Ion Ratio Lower Upper
93 100
66 42.5 30.5 45.7
65 19.5 15.8 23.8

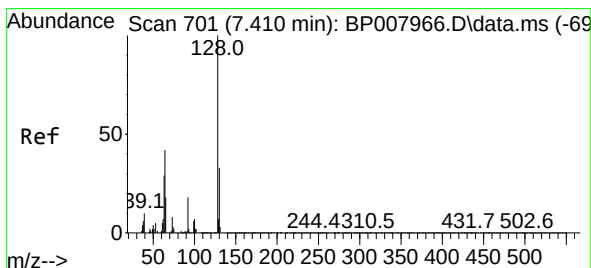
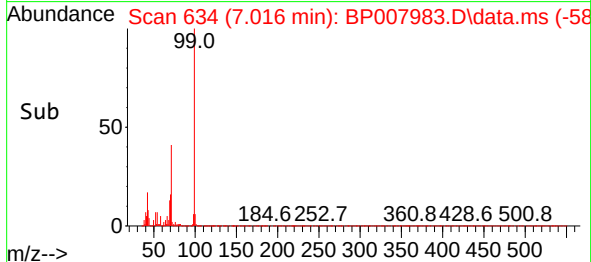
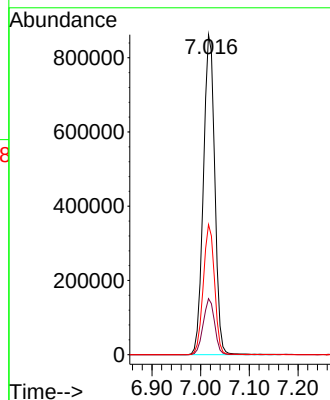
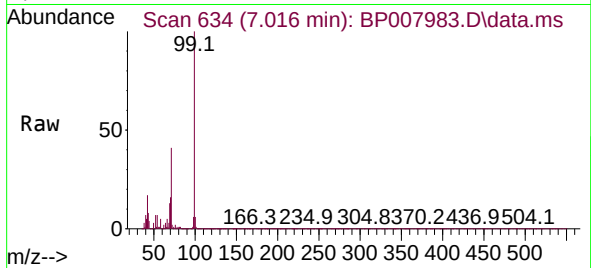




#7
Phenol-d6
Concen: 128.684 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

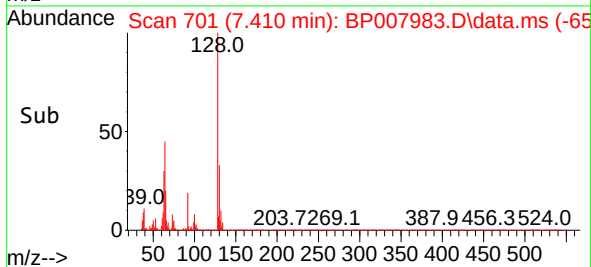
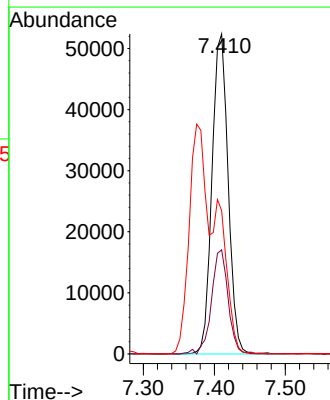
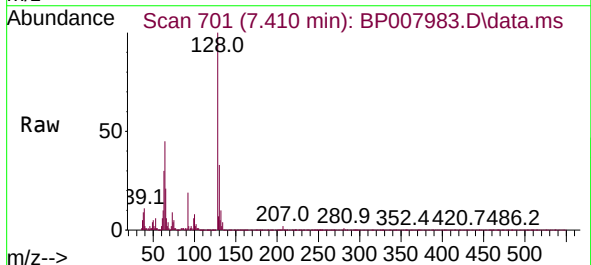
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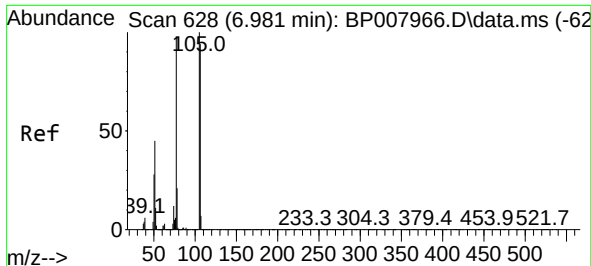
Tgt Ion: 99 Resp: 1400475
Ion Ratio Lower Upper
99 100
42 17.5 14.9 22.3
71 40.7 29.2 43.8



#8
2-Chlorophenol
Concen: 9.549 ng
RT: 7.410 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 128 Resp: 82584
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 44.8 27.0 67.0

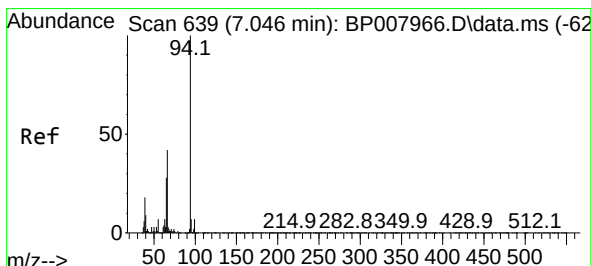
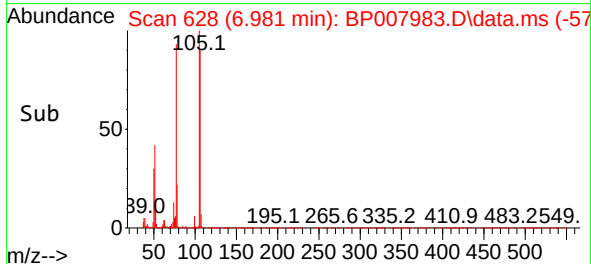
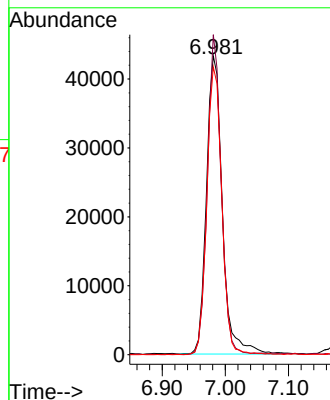
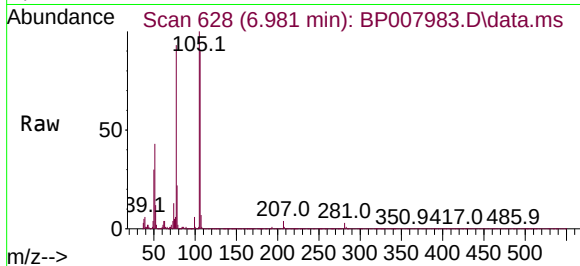




#9
Benzaldehyde
Concen: 10.753 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

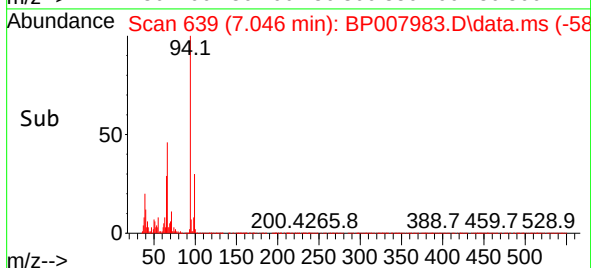
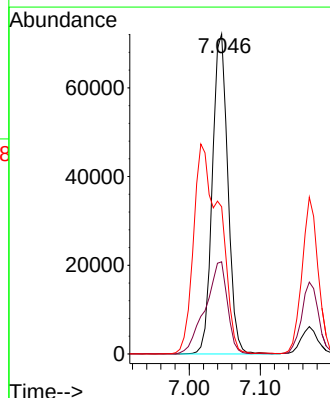
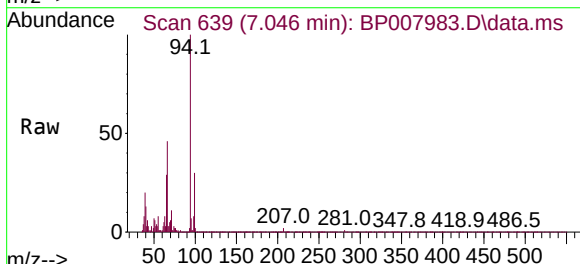
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ClientSampleId :
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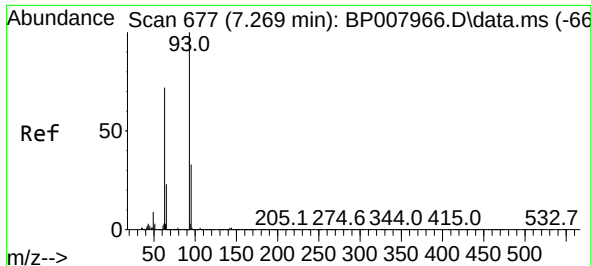
Tgt Ion:	77	Resp:	75476
Ion	Ratio	Lower	Upper
77	100		
105	107.1	77.5	117.5
106	96.3	72.1	112.1



#10
Phenol
Concen: 10.338 ng
RT: 7.046 min Scan# 639
Delta R.T. -0.000 min
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Tgt Ion:	94	Resp:	109155
Ion	Ratio	Lower	Upper
94	100		
65	28.8	8.2	48.2
66	46.0	18.8	58.8

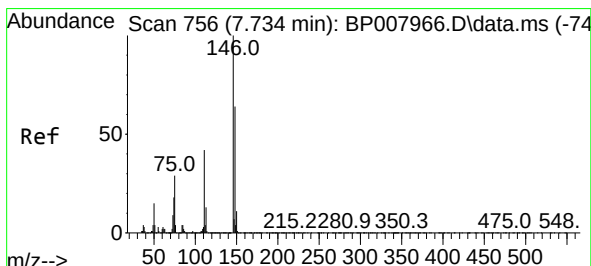
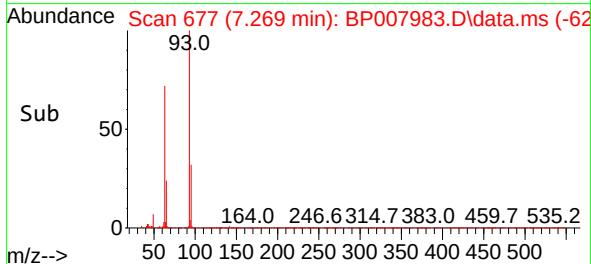
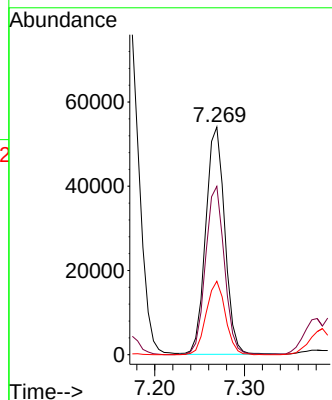
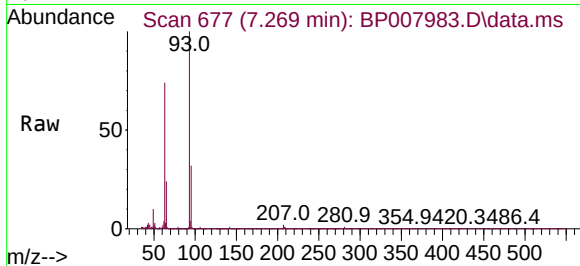




#11
bis(2-Chloroethyl)ether
Concen: 9.186 ng
RT: 7.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

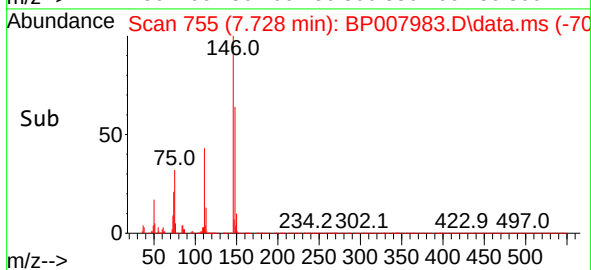
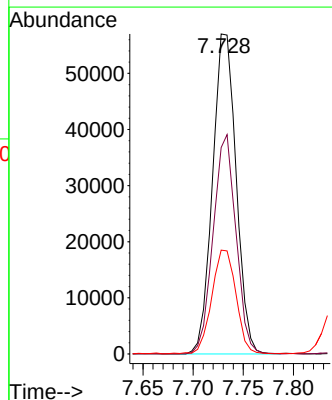
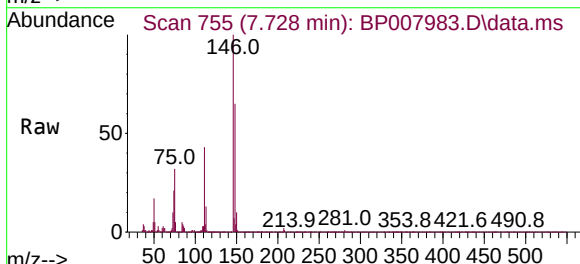
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

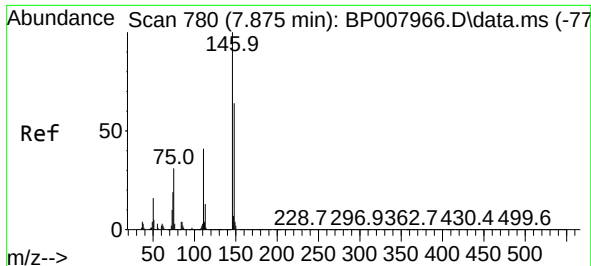
Tgt Ion: 93	Resp:	79712
Ion	Ratio	Lower Upper
93	100	
63	73.9	55.7 95.7
95	32.3	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 9.598 ng
RT: 7.728 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 146	Resp:	93348
Ion	Ratio	Lower Upper
146	100	
148	64.5	51.4 77.0
75	32.4	26.1 39.1

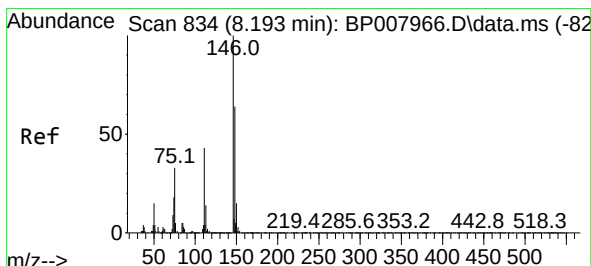
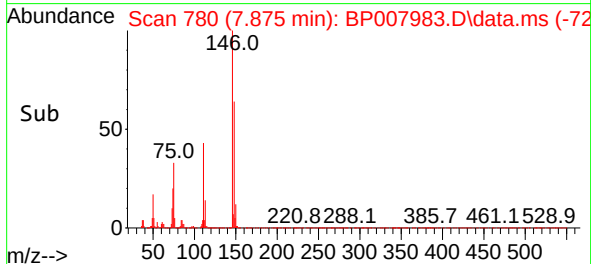
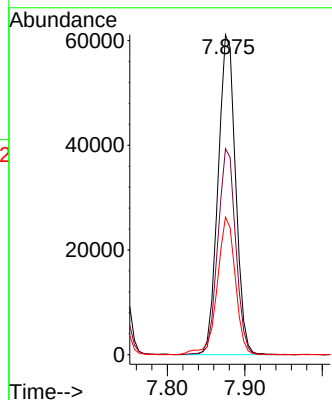
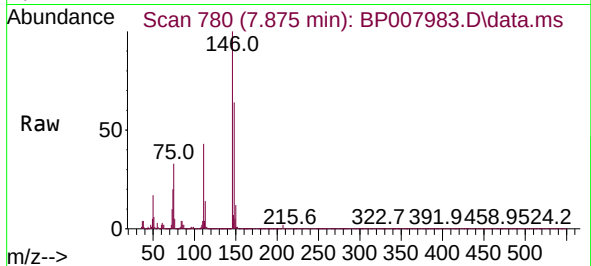




#13
1,4-Dichlorobenzene
Concen: 9.684 ng
RT: 7.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

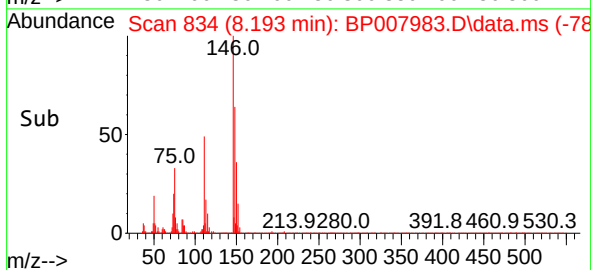
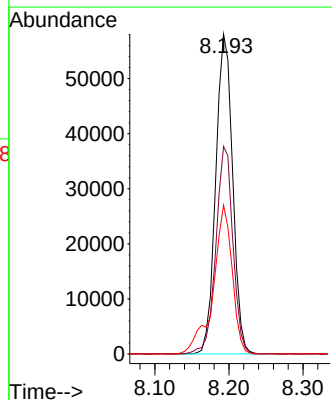
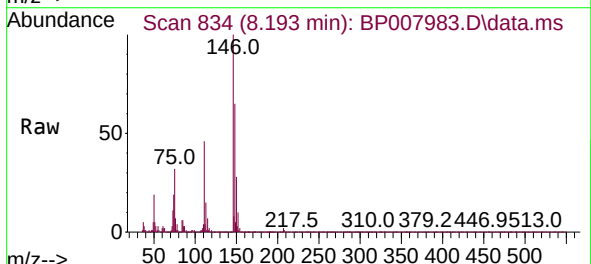
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

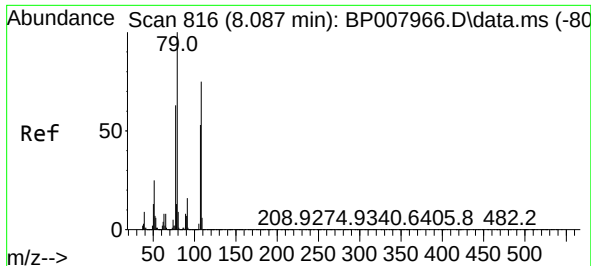
Tgt Ion:146 Resp: 95757
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 43.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 9.196 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:146 Resp: 91816
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
111 46.4 35.1 52.7

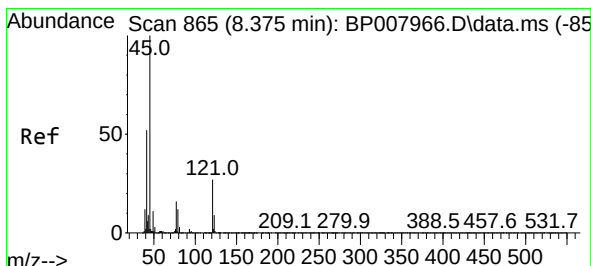
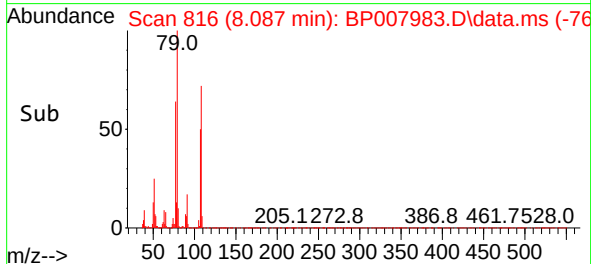
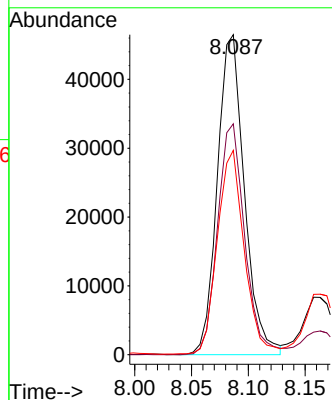
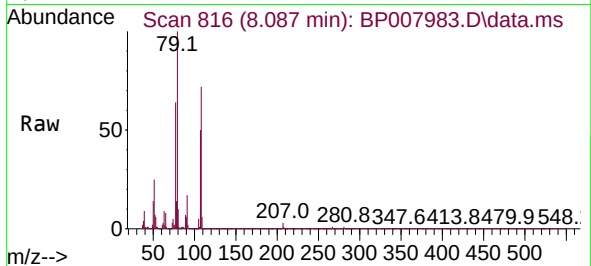




#15
Benzyl Alcohol
Concen: 9.359 ng
RT: 8.087 min Scan# 816
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

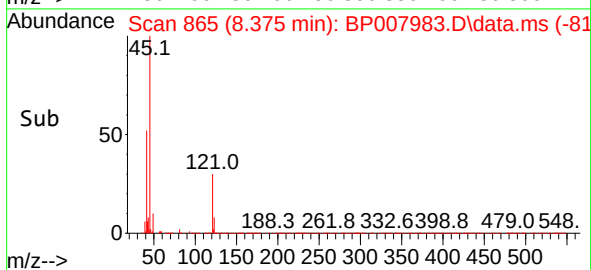
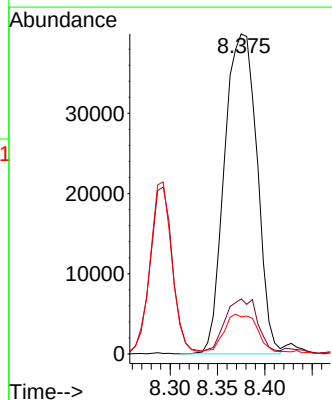
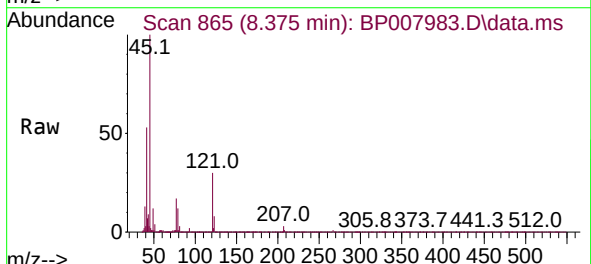
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

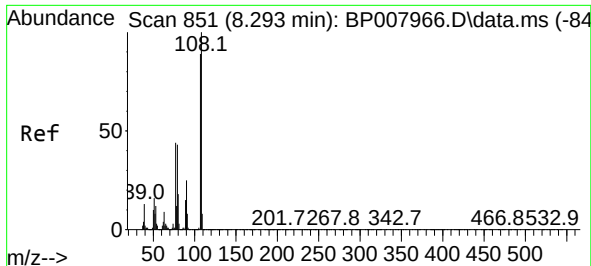
Tgt Ion: 79 Resp: 77038
Ion Ratio Lower Upper
79 100
108 72.1 59.9 89.9
77 63.8 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.075 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 45 Resp: 95165
Ion Ratio Lower Upper
45 100
77 17.2 0.0 34.9
79 11.6 0.0 31.7

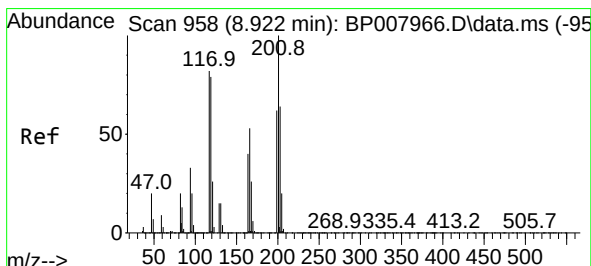
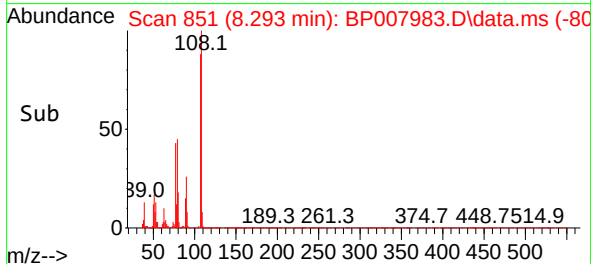
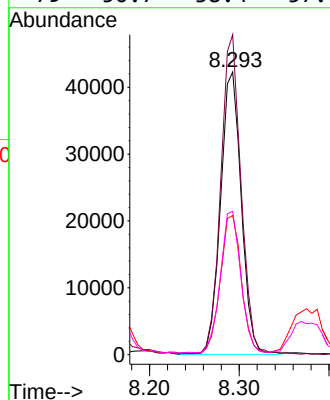
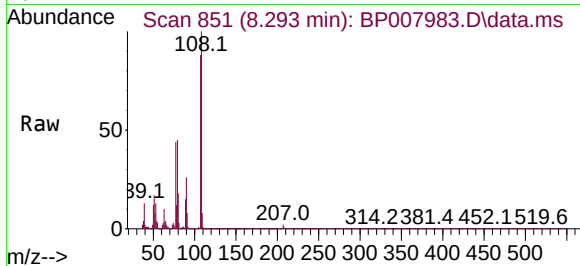




#17
2-Methylphenol
Concen: 9.312 ng
RT: 8.293 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

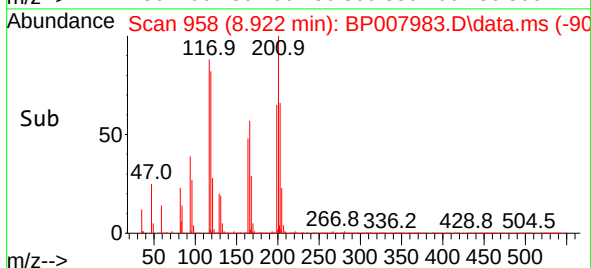
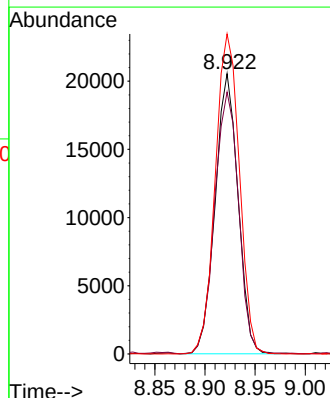
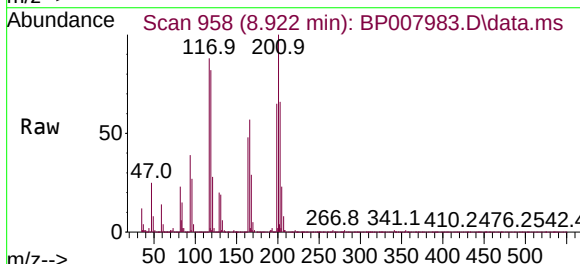
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

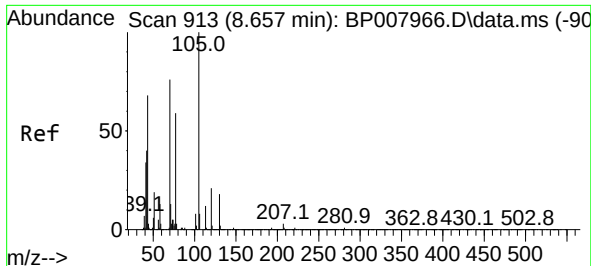
Tgt Ion:	107	Resp:	67710
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.2	133.8
77	49.2	38.5	57.7
79	50.7	38.4	57.6



#18
Hexachloroethane
Concen: 9.723 ng
RT: 8.922 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:	117	Resp:	32601
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.6	116.4
201	114.2	82.9	124.3

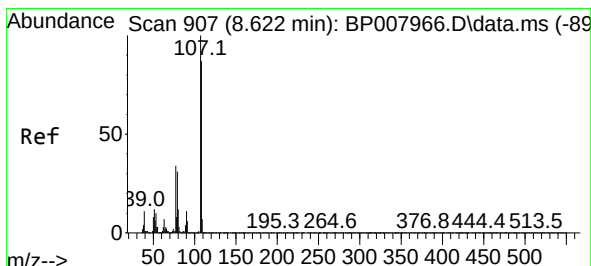
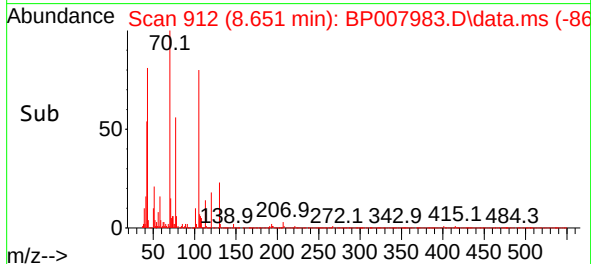
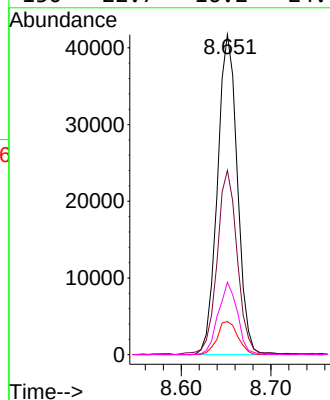
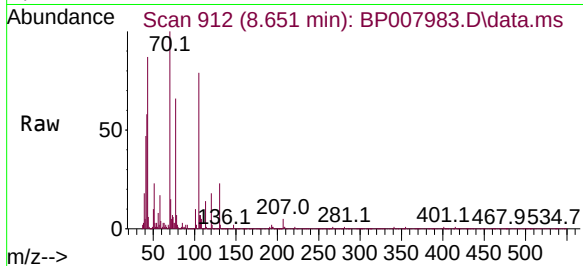




#19
n-Nitroso-di-n-propylamine
Concen: 9.477 ng
RT: 8.651 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

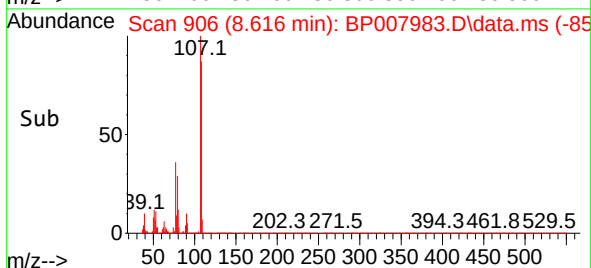
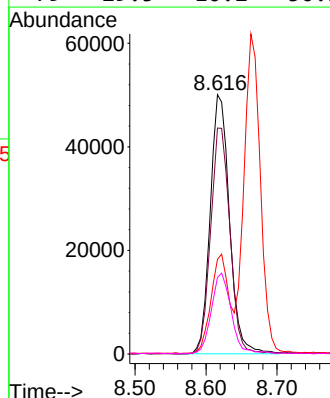
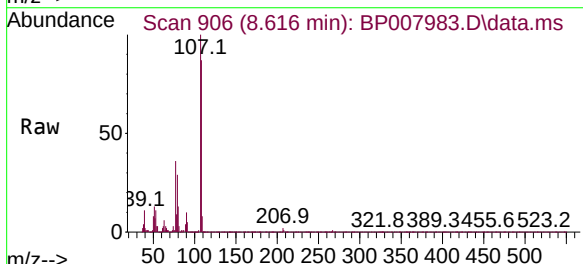
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

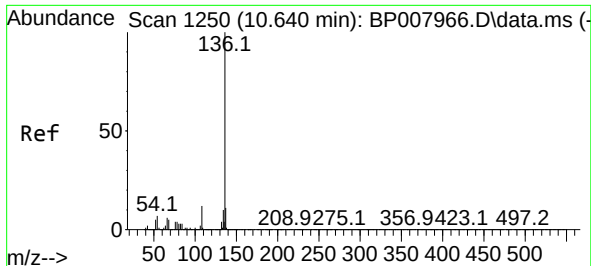
Tgt Ion:	70	Resp:	64204
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.2	69.2
101	10.3	7.7	11.5
130	22.7	16.2	24.4



#20
3+4-Methylphenols
Concen: 9.342 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:	107	Resp:	94141
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.2	109.2
77	36.4	13.8	53.8
79	29.5	10.2	50.2

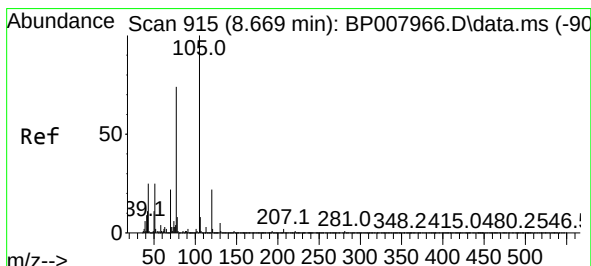
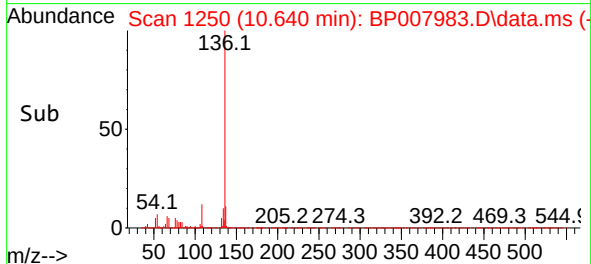
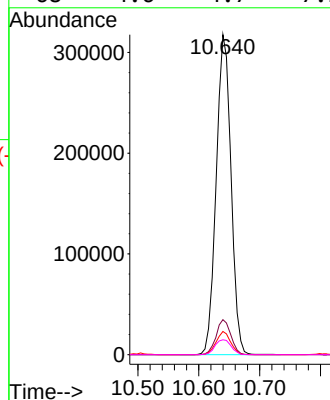
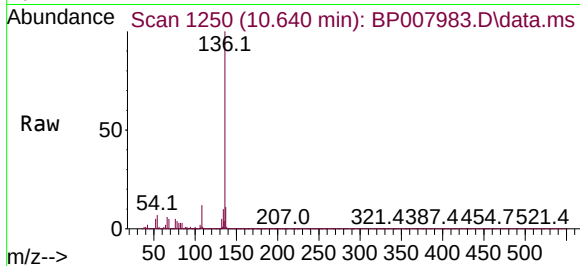




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

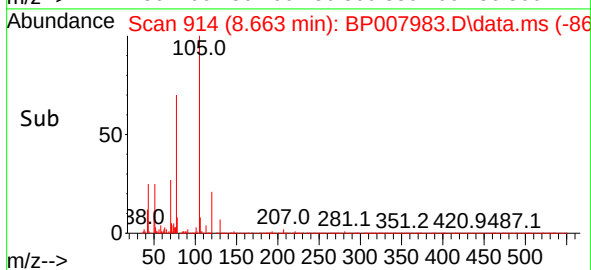
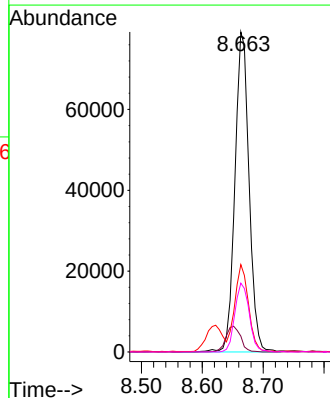
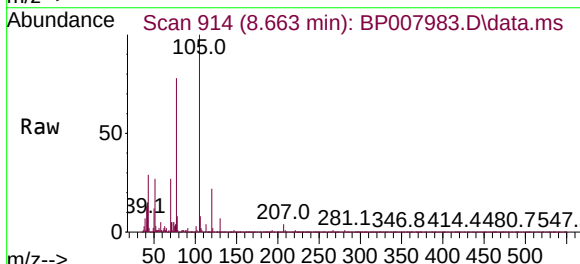
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

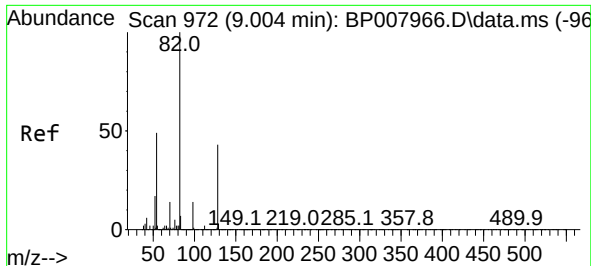
Tgt Ion:	136	Resp:	535292
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.2	6.2	9.4
68	4.6	4.7	7.1#



#22
Acetophenone
Concen: 9.386 ng
RT: 8.663 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:	105	Resp:	127798
Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.5	6.7
51	27.3	21.8	32.8
120	21.5	17.6	26.4

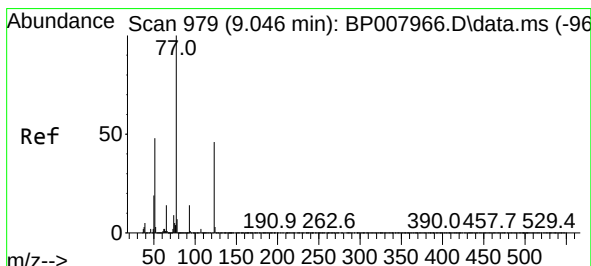
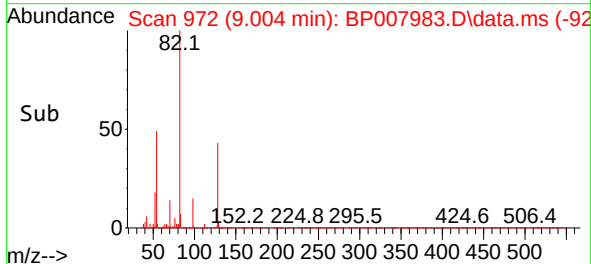
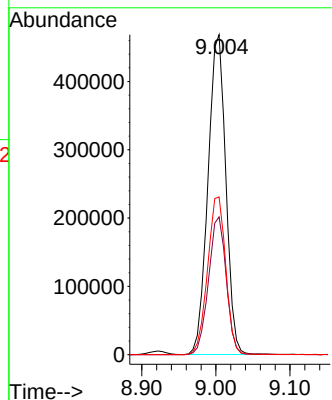
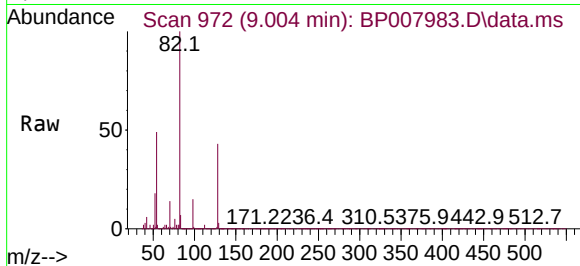




#23
Nitrobenzene-d5
Concen: 78.325 ng
RT: 9.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

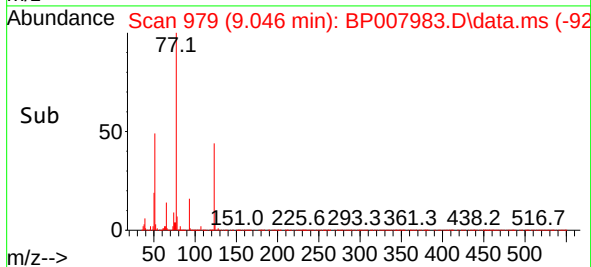
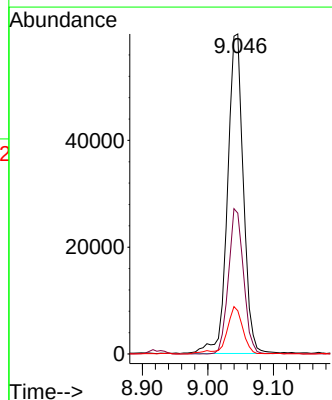
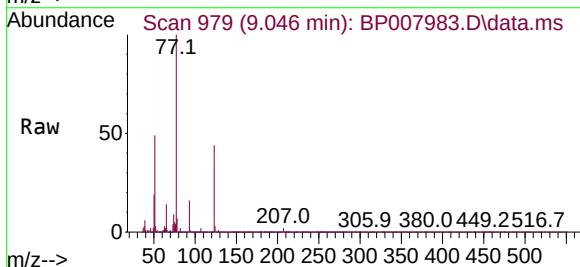
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

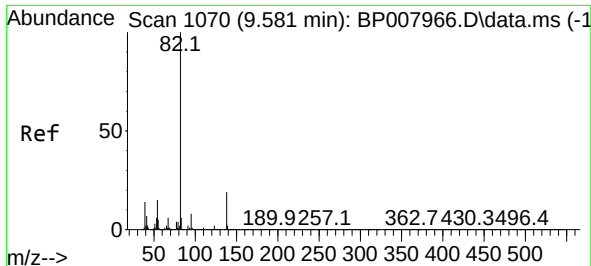
Tgt Ion: 82 Resp: 783480
Ion Ratio Lower Upper
82 100
128 43.0 32.6 48.8
54 49.3 40.4 60.6



#24
Nitrobenzene
Concen: 10.481 ng
RT: 9.046 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 77 Resp: 100199
Ion Ratio Lower Upper
77 100
123 44.0 35.3 52.9
65 13.5 10.9 16.3

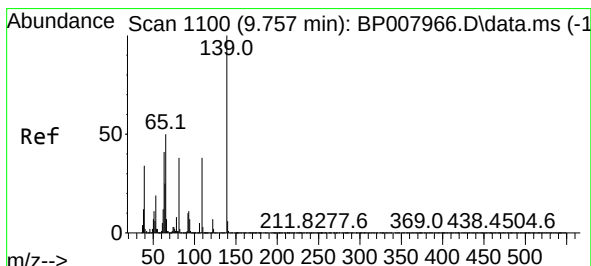
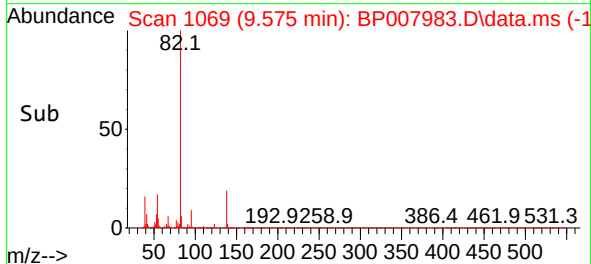
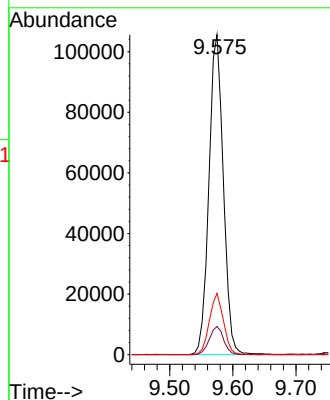
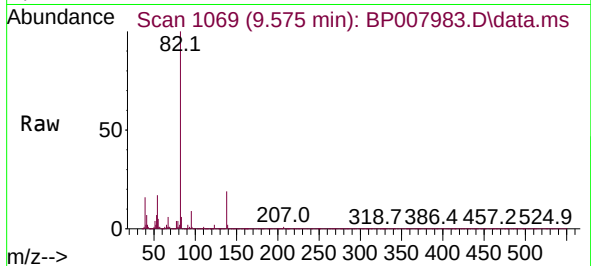




#25
Isophorone
Concen: 9.587 ng
RT: 9.575 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

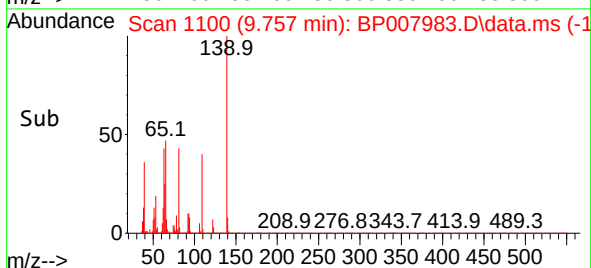
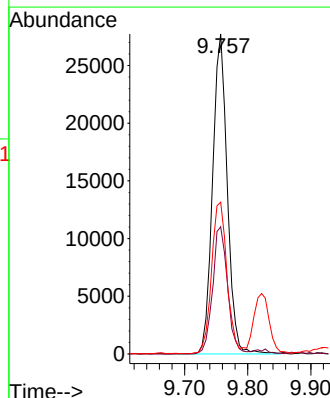
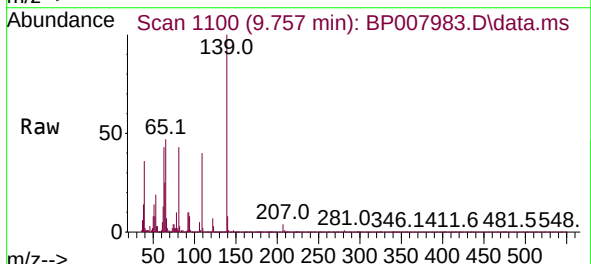
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

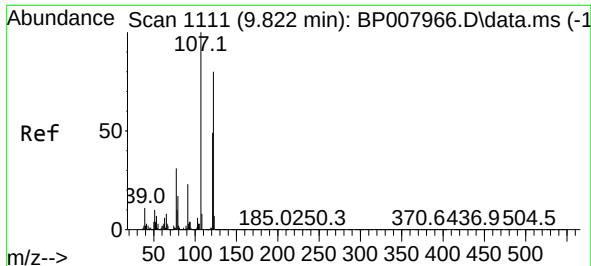
Tgt Ion: 82 Resp: 166795
Ion Ratio Lower Upper
82 100
95 8.8 6.2 9.2
138 19.2 14.0 21.0



#26
2-Nitrophenol
Concen: 9.175 ng
RT: 9.757 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion: 139 Resp: 44779
Ion Ratio Lower Upper
139 100
109 39.8 26.2 39.2#
65 47.4 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 10.931 ng

RT: 9.822 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

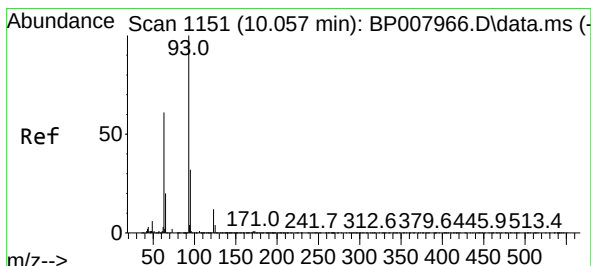
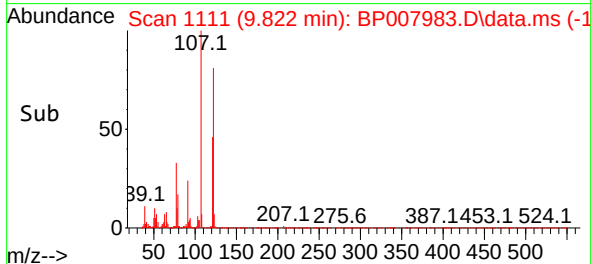
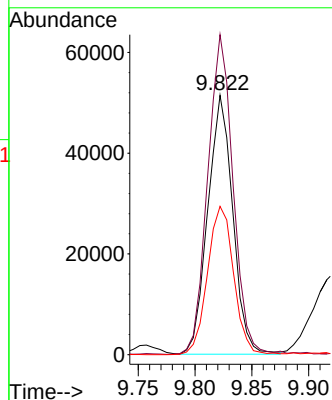
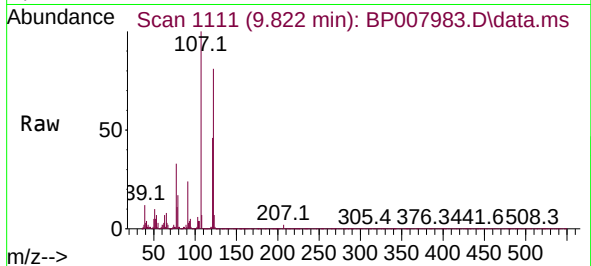
Tgt Ion:122 Resp: 78804

Ion Ratio Lower Upper

122 100

107 123.4 93.8 140.6

121 57.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 9.274 ng

RT: 10.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

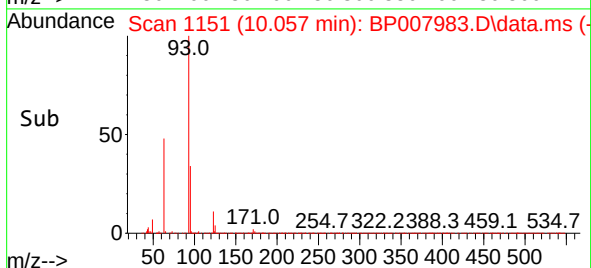
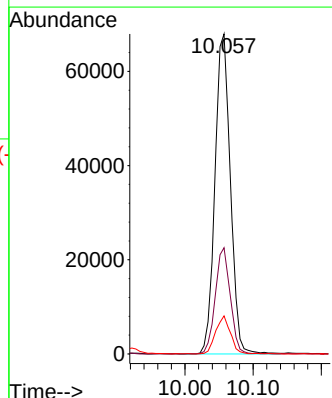
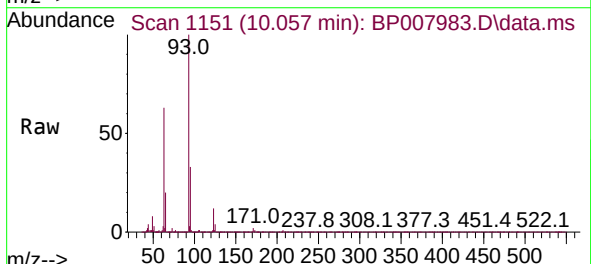
Tgt Ion: 93 Resp: 107068

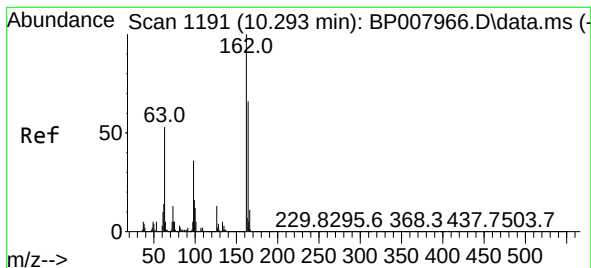
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.9 8.5 12.7

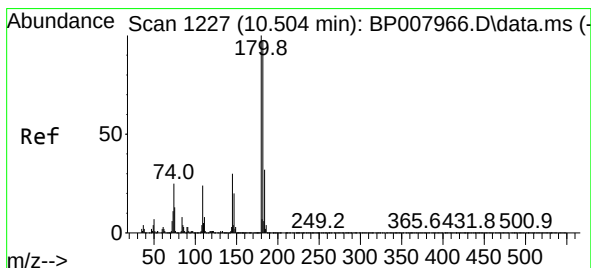
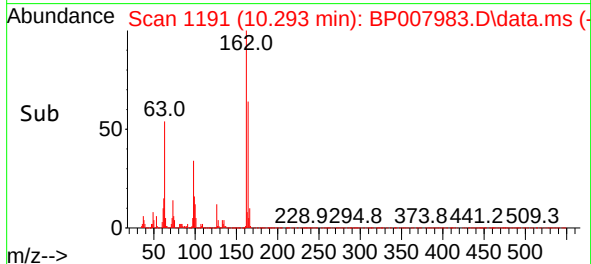
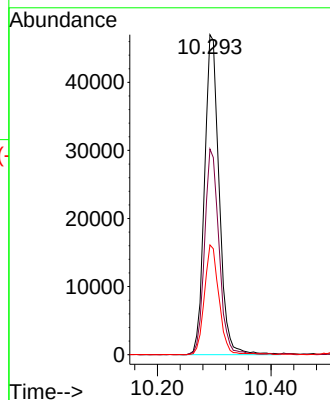
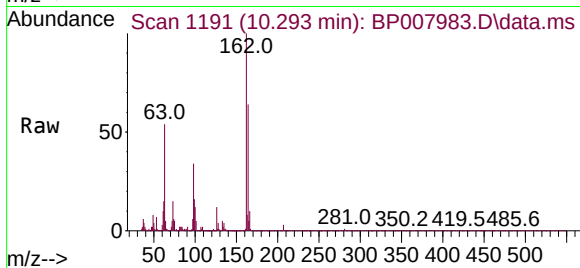




#29
2,4-Dichlorophenol
Concen: 9.423 ng
RT: 10.293 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

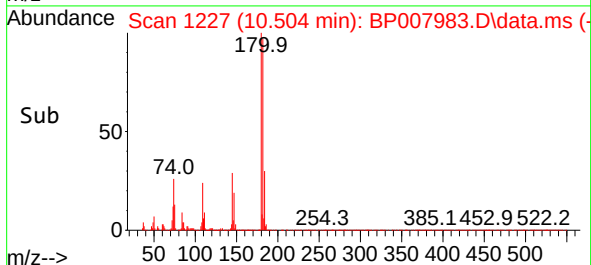
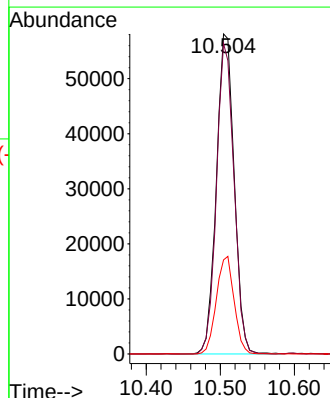
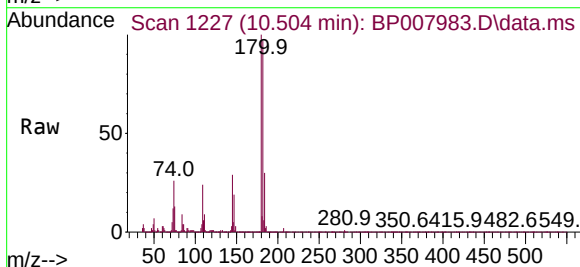
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

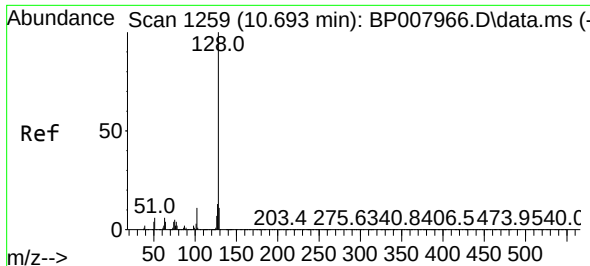
Tgt Ion:162 Resp: 83629
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 34.3 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 9.564 ng
RT: 10.504 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:180 Resp: 97112
Ion Ratio Lower Upper
180 100
182 97.0 78.4 117.6
145 29.4 23.8 35.8

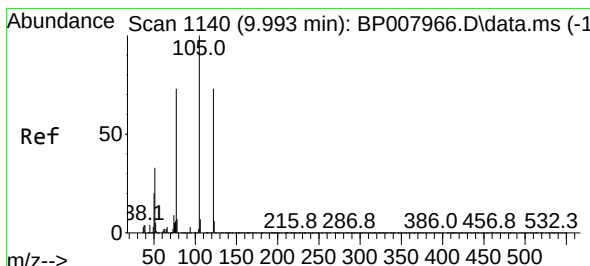
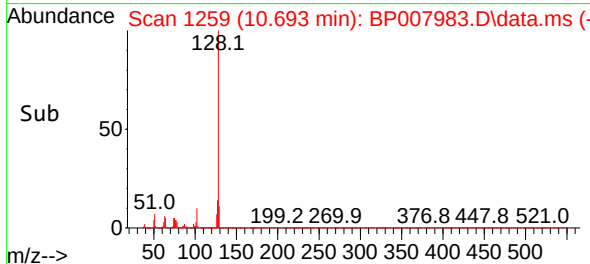
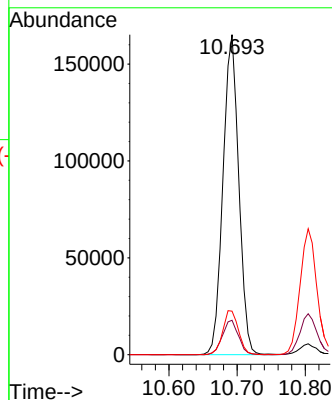
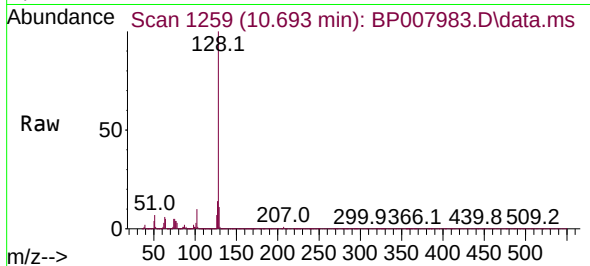




#31
Naphthalene
Concen: 9.717 ng
RT: 10.693 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

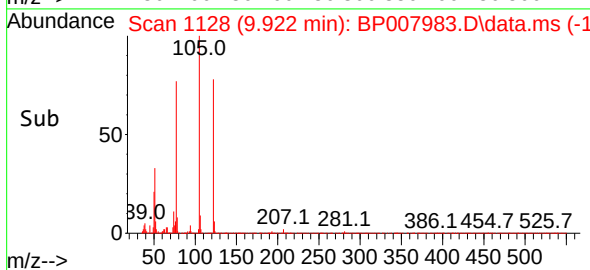
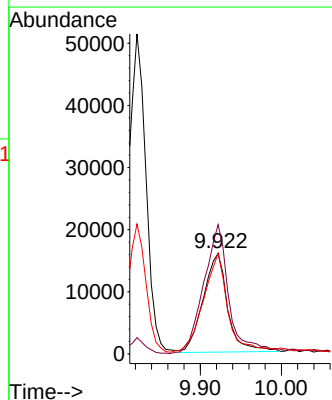
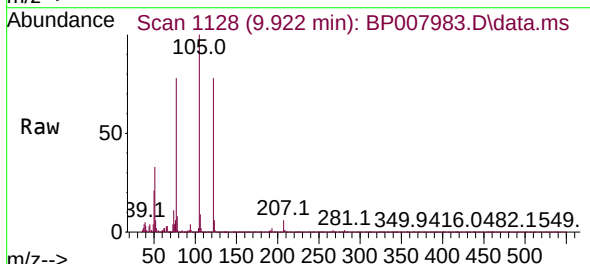
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

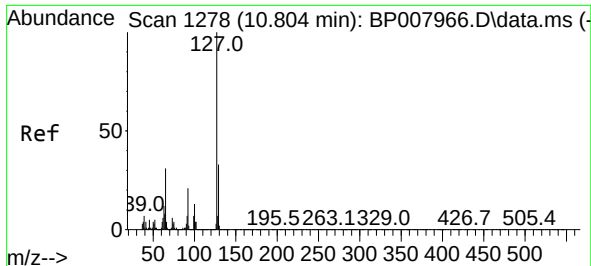
Tgt Ion:128 Resp: 265615
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.6 10.2 15.4



#32
Benzoic acid
Concen: 5.339 ng
RT: 9.922 min Scan# 1128
Delta R.T. -0.071 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:122 Resp: 33263
Ion Ratio Lower Upper
122 100
105 128.4 105.9 145.9
77 99.8 74.6 114.6

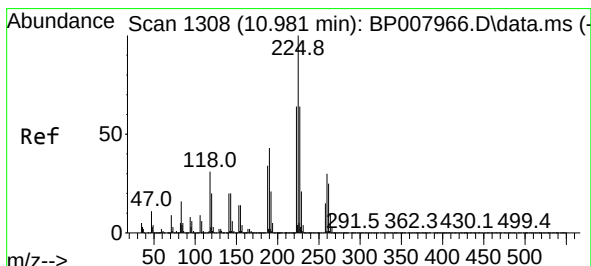
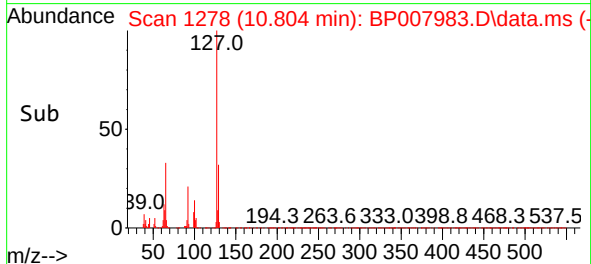
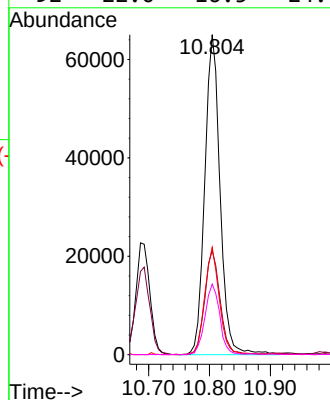
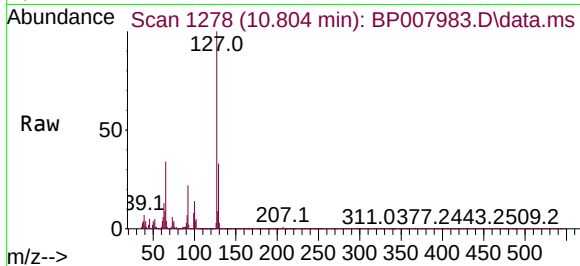




#33
4-Chloroaniline
Concen: 9.693 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

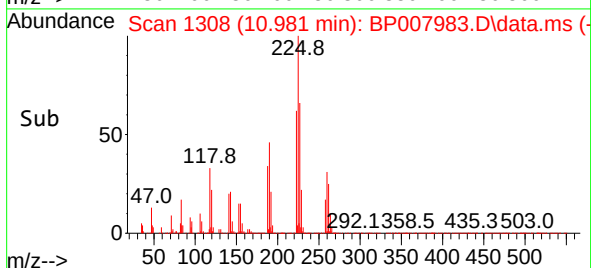
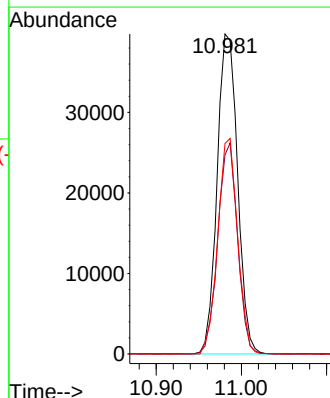
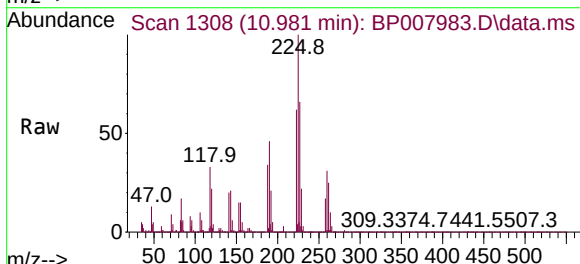
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

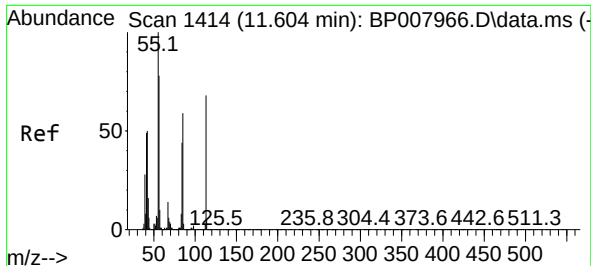
Tgt Ion:	127	Resp:	113801
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	33.5	25.5	38.3
92	22.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 9.540 ng
RT: 10.981 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:	225	Resp:	66189
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.0
227	65.8	51.0	76.6

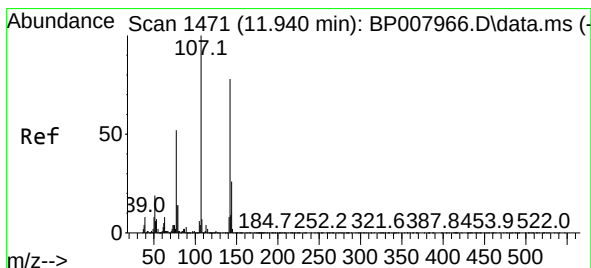
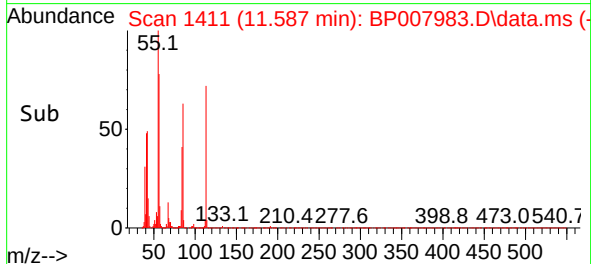
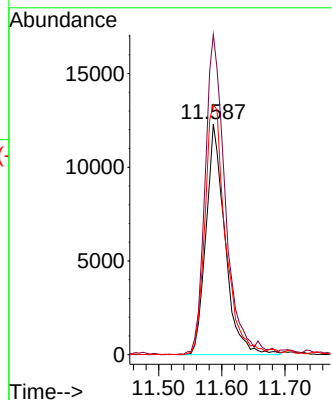
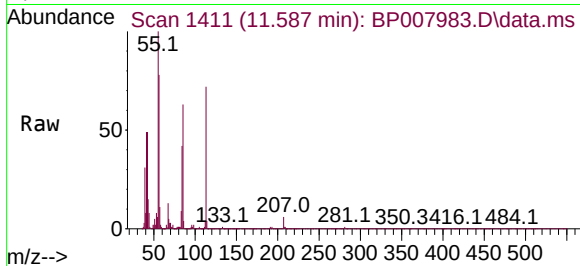




#35
Caprolactam
Concen: 13.191 ng
RT: 11.587 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

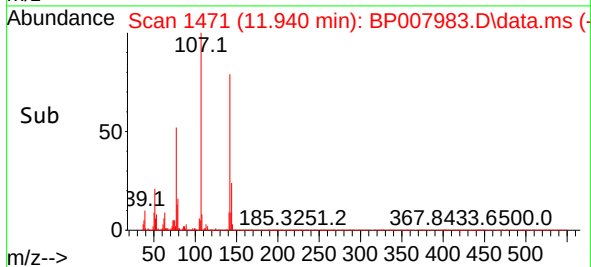
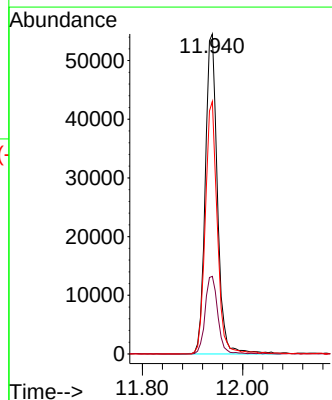
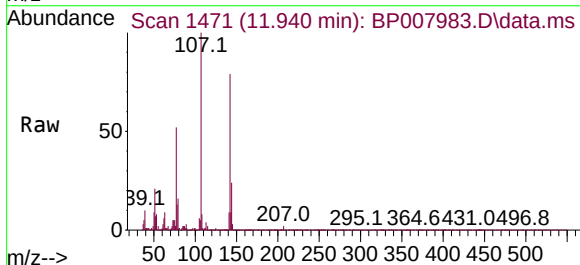
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

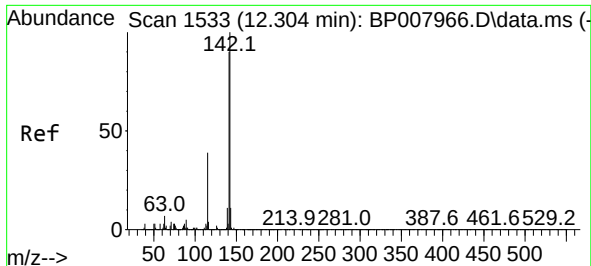
Tgt Ion:113 Resp: 25710
Ion Ratio Lower Upper
113 100
55 138.7 143.9 183.9#
56 108.5 101.6 141.6



#36
4-Chloro-3-methylphenol
Concen: 9.152 ng
RT: 11.940 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:107 Resp: 91780
Ion Ratio Lower Upper
107 100
144 24.3 20.5 30.7
142 78.9 63.0 94.4

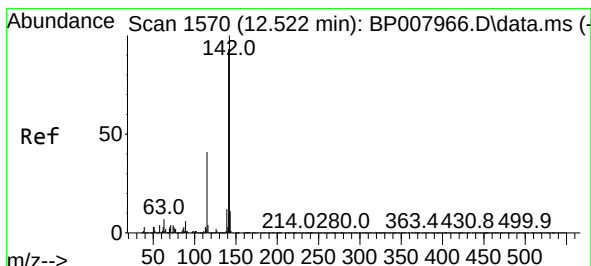
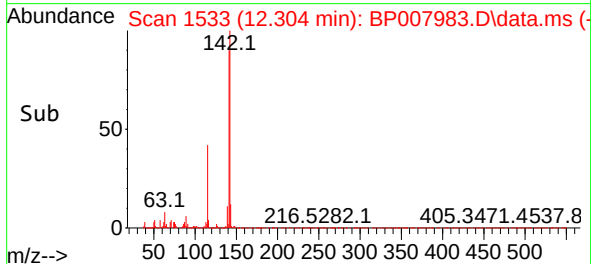
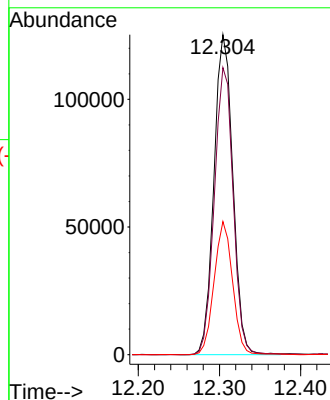
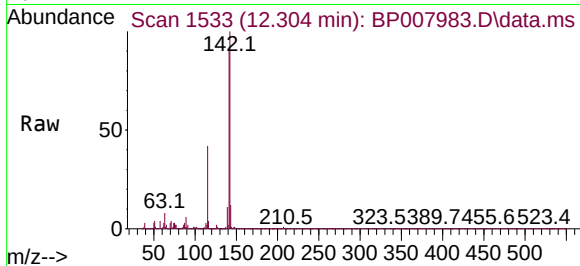




#37
2-Methylnaphthalene
Concen: 10.144 ng
RT: 12.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

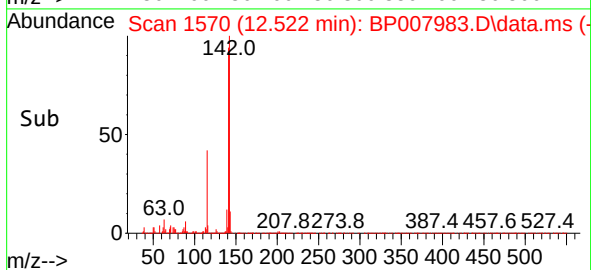
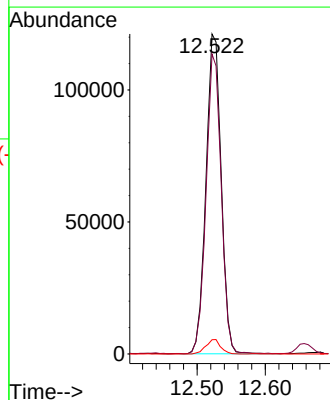
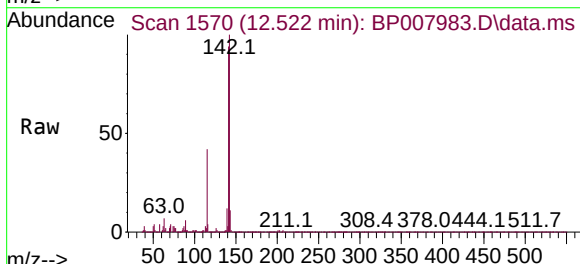
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

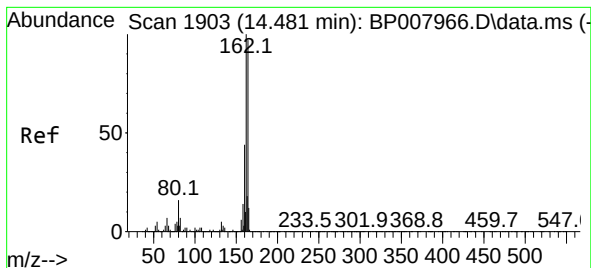
Tgt Ion:142 Resp: 202640
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0
115 41.6 29.5 44.3



#38
1-Methylnaphthalene
Concen: 9.653 ng
RT: 12.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:142 Resp: 188069
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6
116 4.4 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

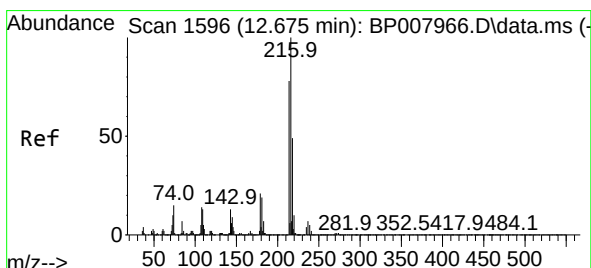
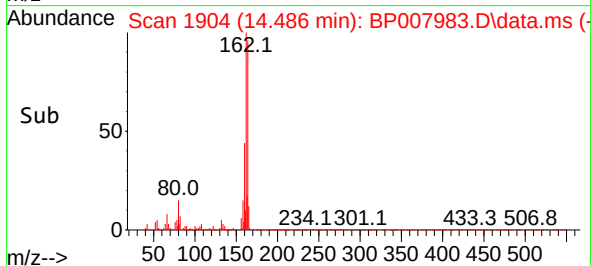
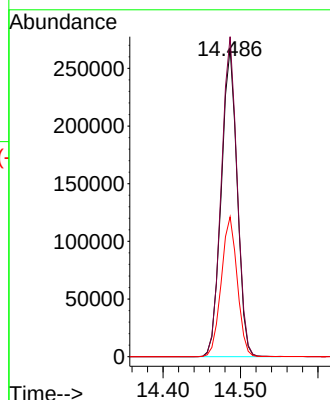
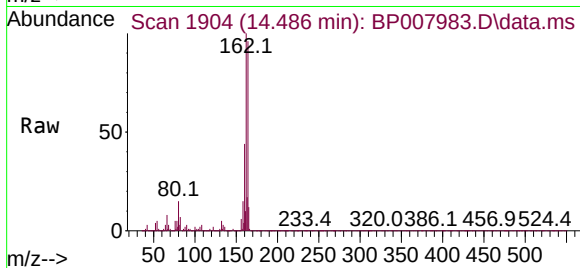
Tgt Ion:164 Resp: 380368

Ion Ratio Lower Upper

164 100

162 103.8 81.1 121.7

160 45.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.038 ng

RT: 12.675 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Tgt Ion:216 Resp: 114538

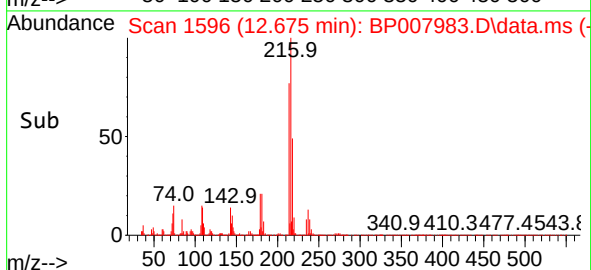
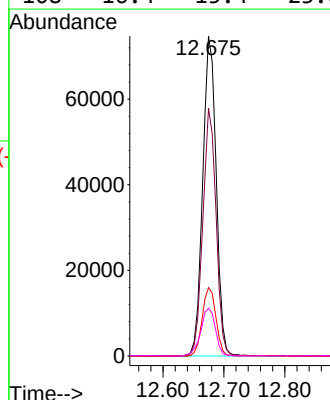
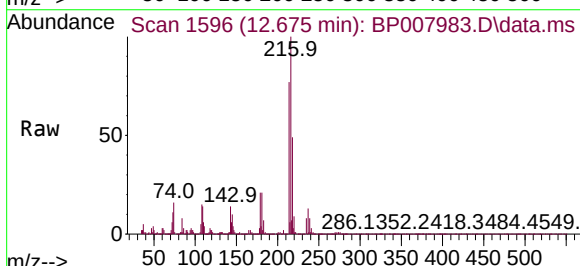
Ion Ratio Lower Upper

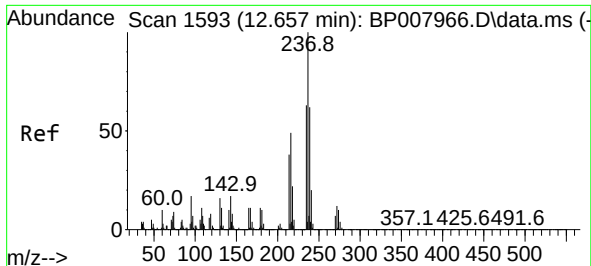
216 100

214 76.1 62.2 93.4

179 21.7 17.1 25.7

108 16.4 15.4 23.0

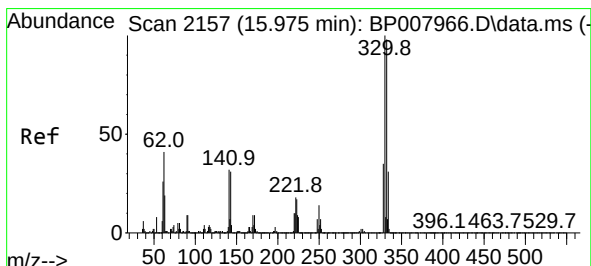
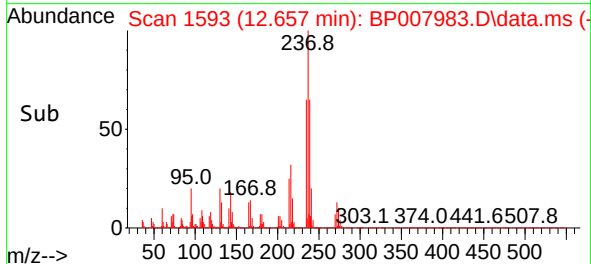
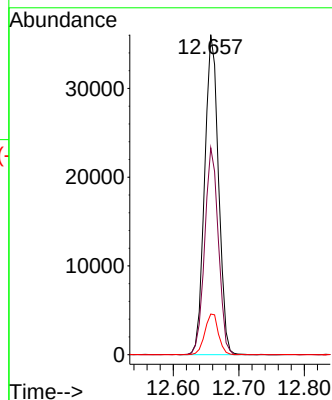
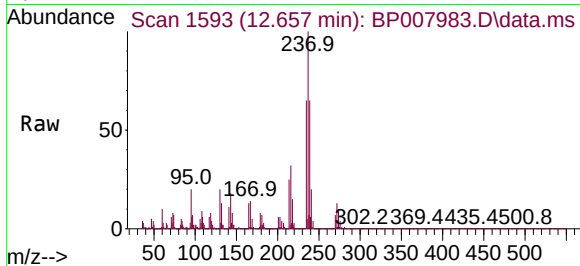




#41
Hexachlorocyclopentadiene
Concen: 9.132 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

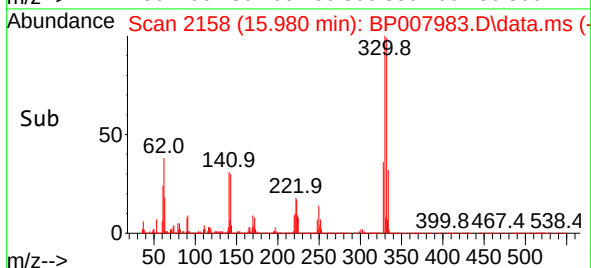
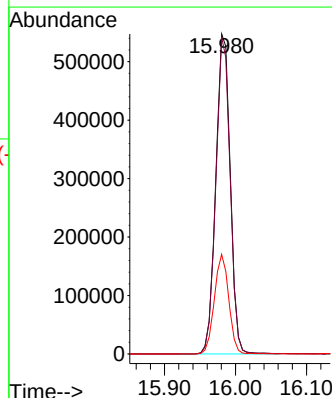
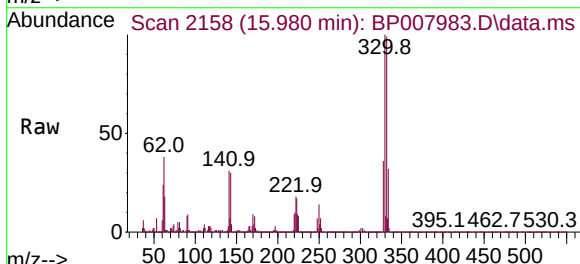
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

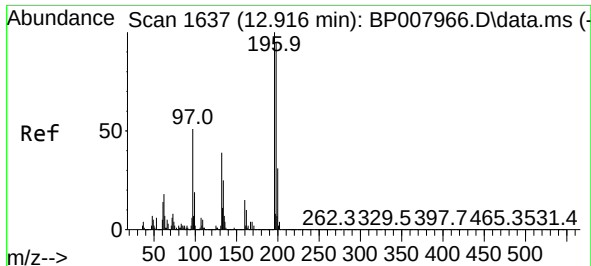
Tgt Ion:237 Resp: 53142
Ion Ratio Lower Upper
237 100
235 64.6 41.2 81.2
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 129.121 ng
RT: 15.980 min Scan# 2158
Delta R.T. 0.005 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:330 Resp: 772742
Ion Ratio Lower Upper
330 100
332 97.5 78.9 118.3
141 31.0 30.7 46.1

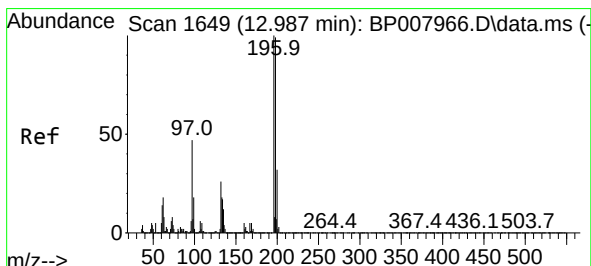
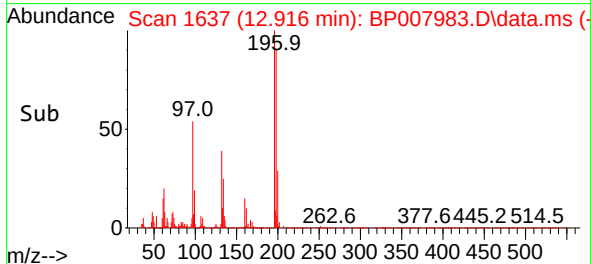
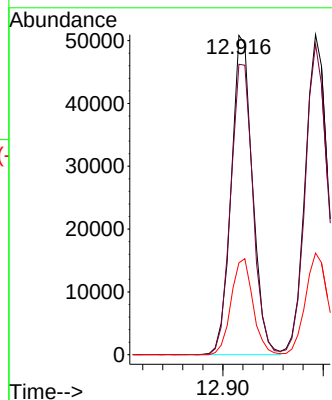
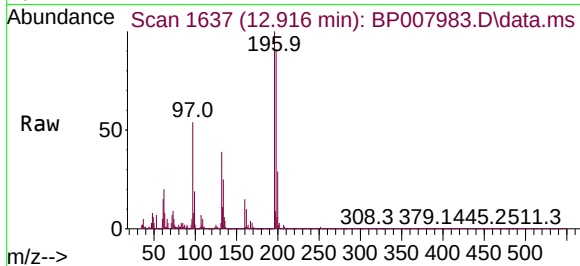




#43
2,4,6-Trichlorophenol
Concen: 8.649 ng
RT: 12.916 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

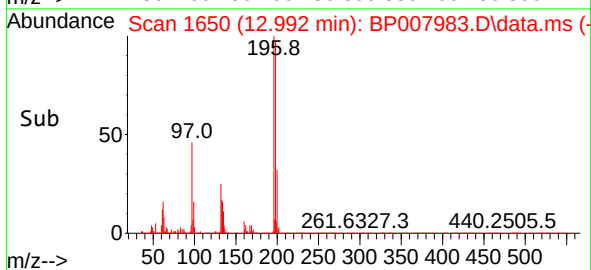
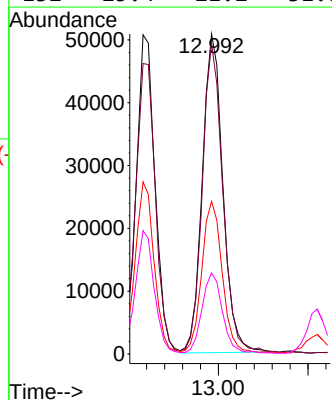
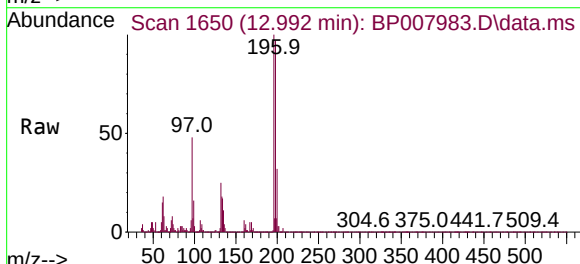
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

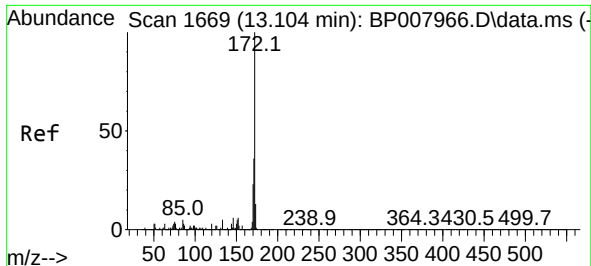
Tgt Ion:196 Resp: 74905
Ion Ratio Lower Upper
196 100
198 91.0 76.4 114.6
200 28.8 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 8.595 ng
RT: 12.992 min Scan# 1650
Delta R.T. 0.005 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:196 Resp: 80879
Ion Ratio Lower Upper
196 100
198 97.0 77.1 115.7
97 47.7 40.9 61.3
132 25.4 21.2 31.8

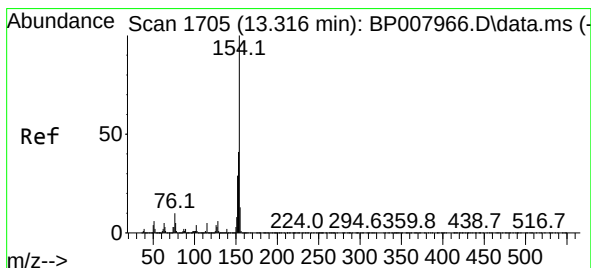
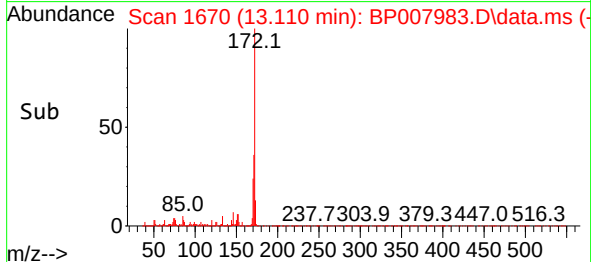
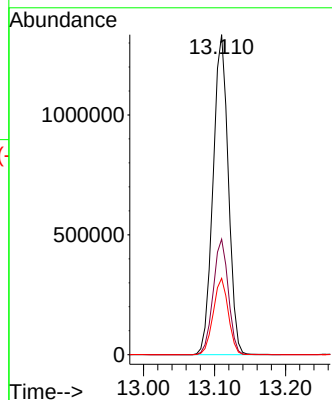
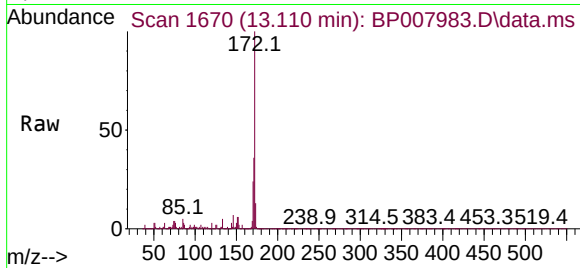




#45
2-Fluorobiphenyl
Concen: 73.315 ng
RT: 13.110 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

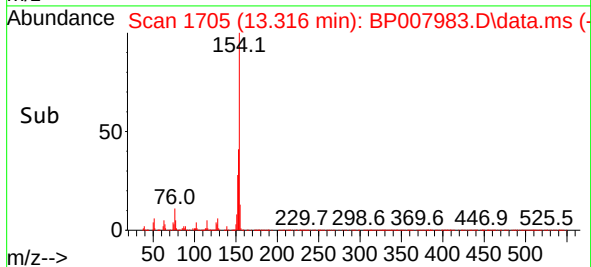
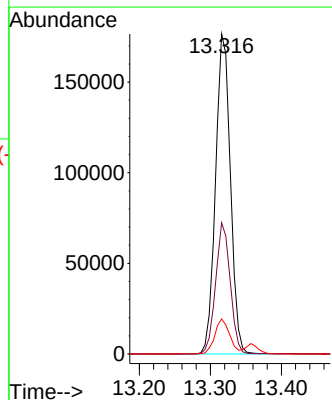
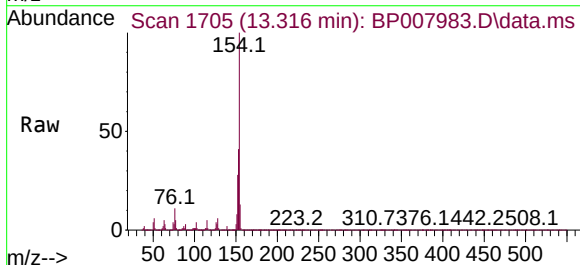
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

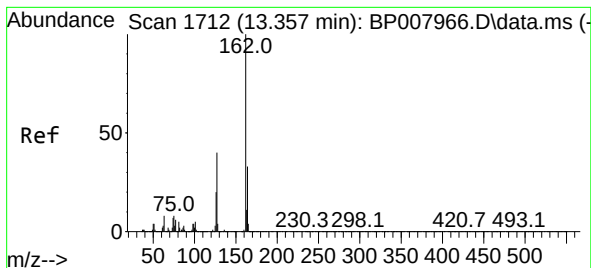
Tgt Ion:172 Resp: 1988047
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 9.008 ng
RT: 13.316 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:154 Resp: 255909
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 10.9 0.0 32.4





#47

2-Chloronaphthalene

Concen: 9.335 ng

RT: 13.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

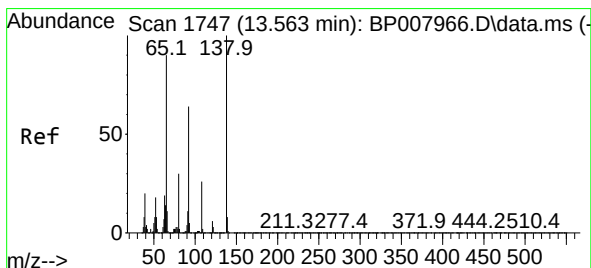
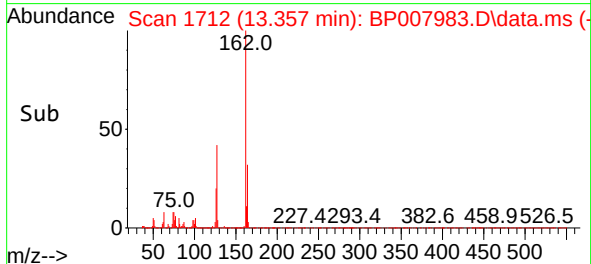
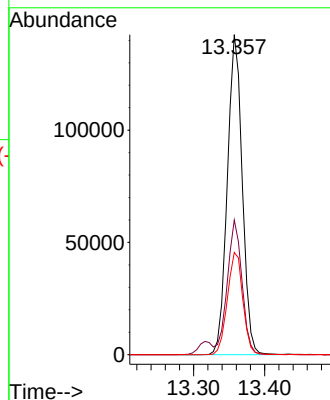
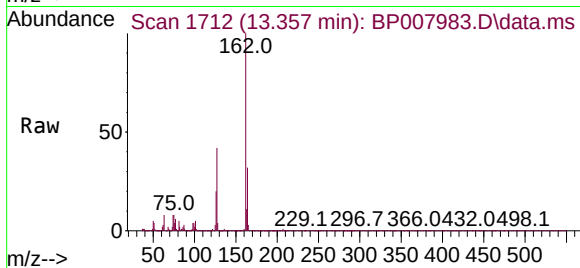
Tgt Ion:162 Resp: 207467

Ion Ratio Lower Upper

162 100

127 42.1 31.0 46.6

164 32.0 26.4 39.6



#48

2-Nitroaniline

Concen: 8.985 ng

RT: 13.563 min Scan# 1747

Delta R.T. -0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

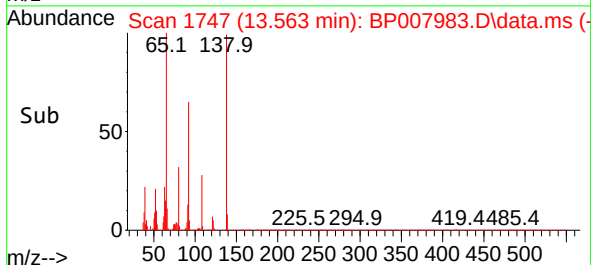
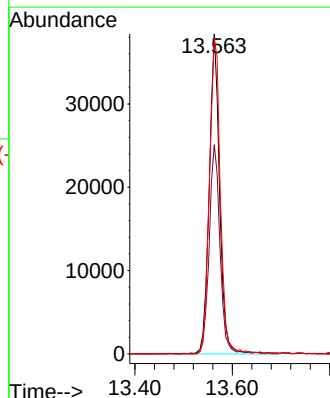
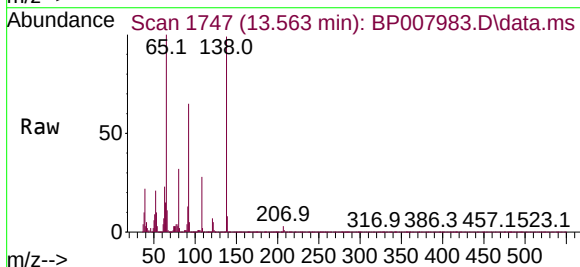
Tgt Ion: 65 Resp: 56672

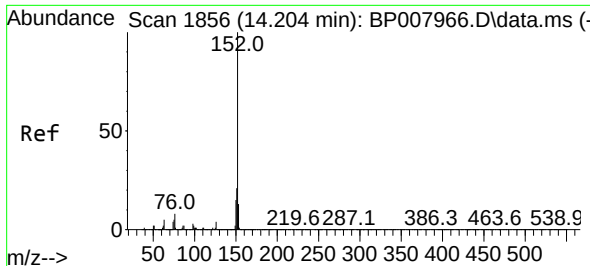
Ion Ratio Lower Upper

65 100

92 65.4 55.9 83.9

138 98.8 86.3 129.5

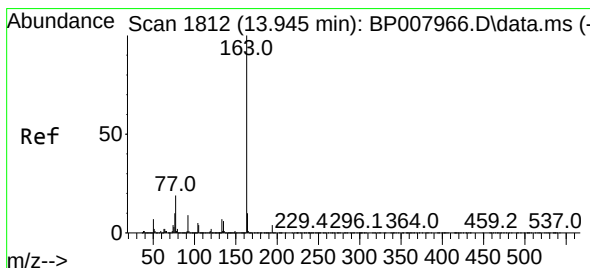
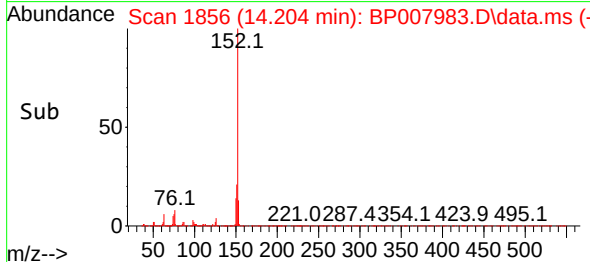
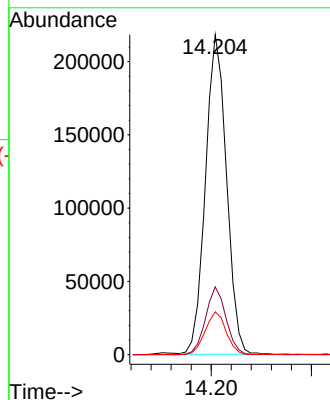
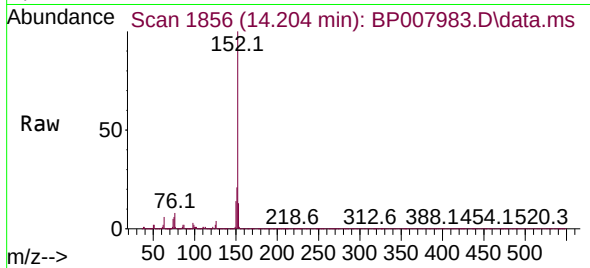




#49
Acenaphthylene
Concen: 9.414 ng
RT: 14.204 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

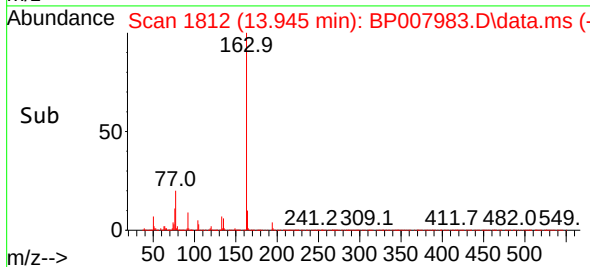
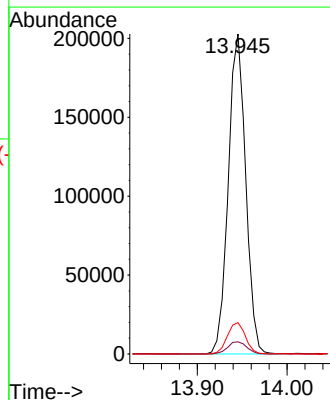
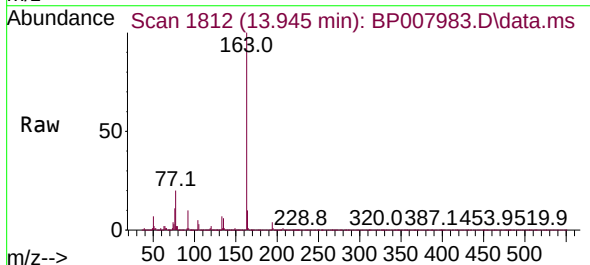
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

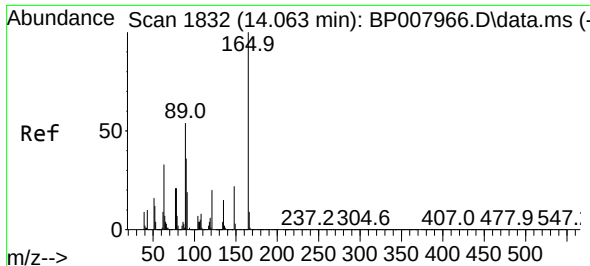
Tgt Ion:152 Resp: 318252
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 13.4 10.2 15.2



#50
Dimethylphthalate
Concen: 9.070 ng
RT: 13.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:163 Resp: 272937
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.2

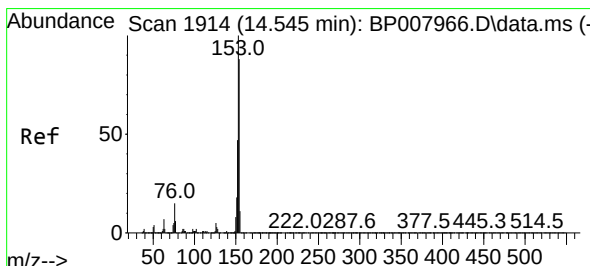
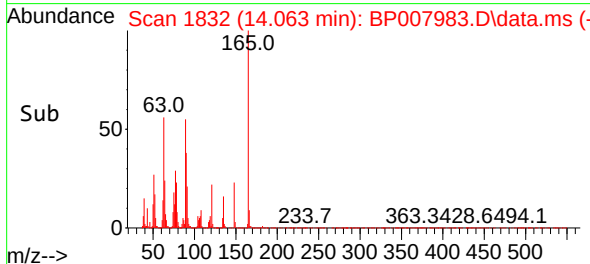
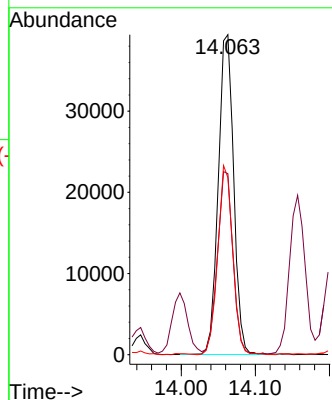
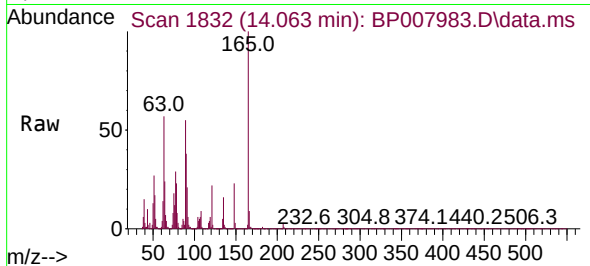




#51
2,6-Dinitrotoluene
Concen: 9.104 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

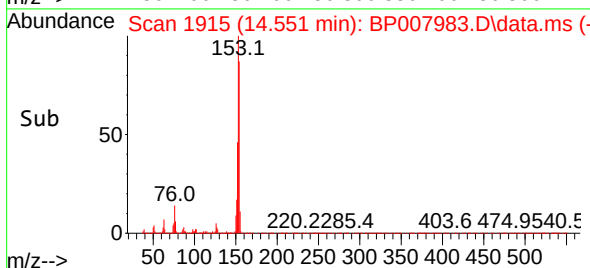
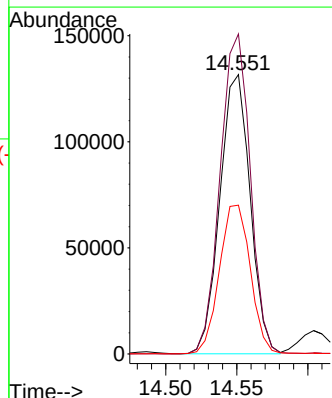
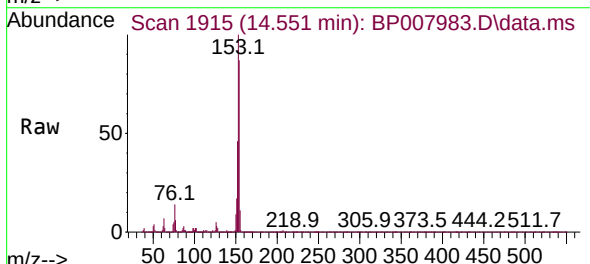
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

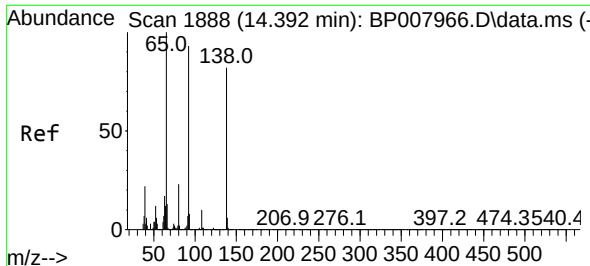
Tgt Ion:165 Resp: 56919
Ion Ratio Lower Upper
165 100
63 56.6 44.2 66.2
89 55.3 46.6 70.0



#52
Acenaphthene
Concen: 9.649 ng
RT: 14.551 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:154 Resp: 195267
Ion Ratio Lower Upper
154 100
153 114.5 90.4 135.6
152 53.2 42.3 63.5

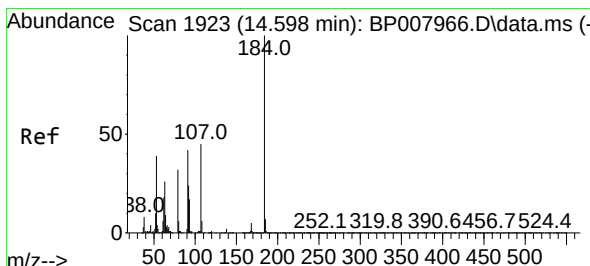
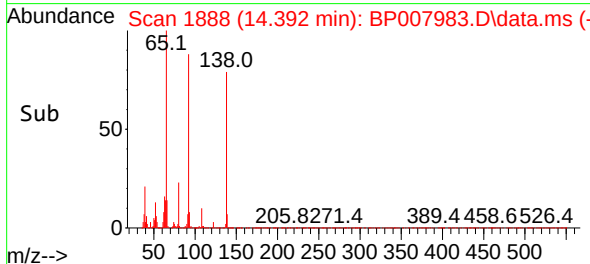
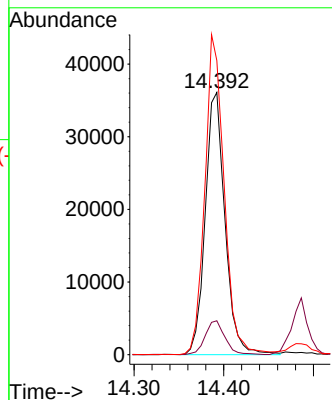
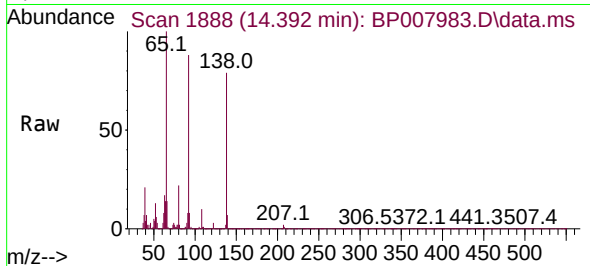




#53
3-Nitroaniline
Concen: 8.663 ng
RT: 14.392 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

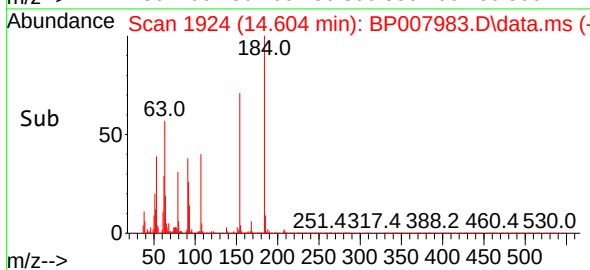
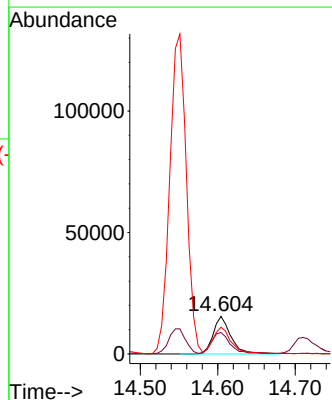
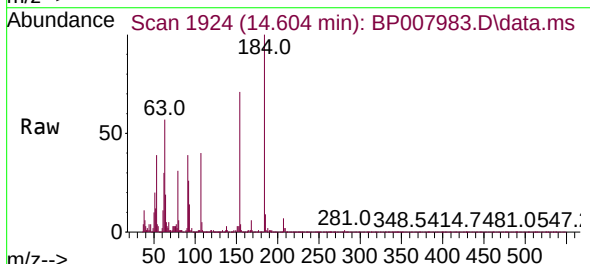
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

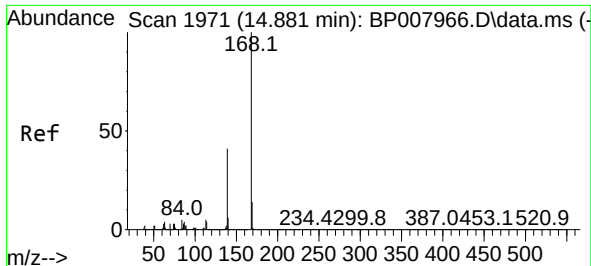
Tgt Ion:138 Resp: 55223
Ion Ratio Lower Upper
138 100
108 13.0 12.3 18.5
92 112.1 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 6.481 ng
RT: 14.604 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:184 Resp: 24453
Ion Ratio Lower Upper
184 100
63 56.9 44.0 66.0
154 71.0 48.9 73.3

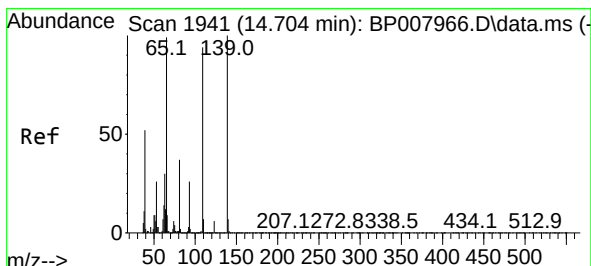
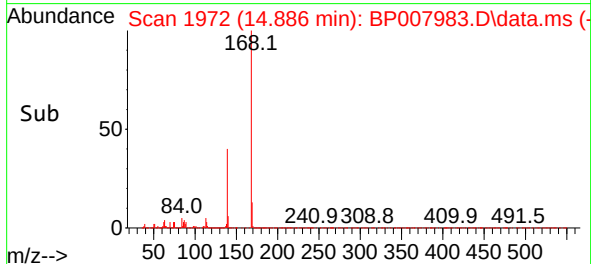
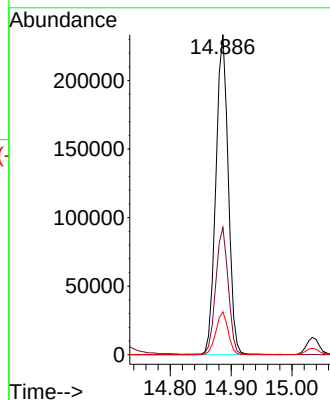
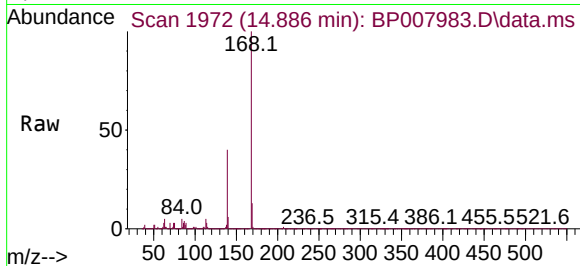




#55
Dibenzenofuran
Concen: 9.578 ng
RT: 14.886 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

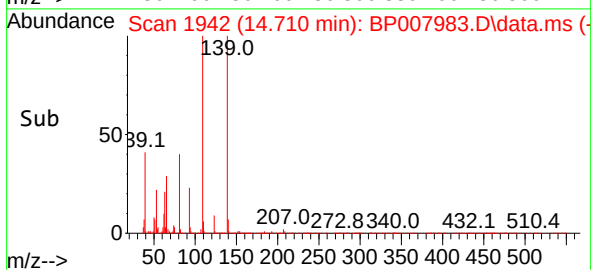
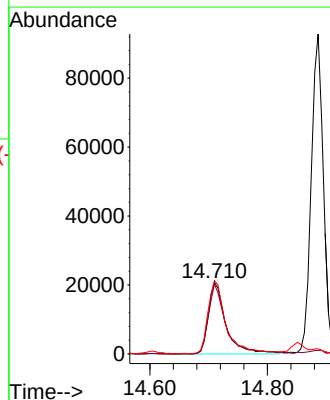
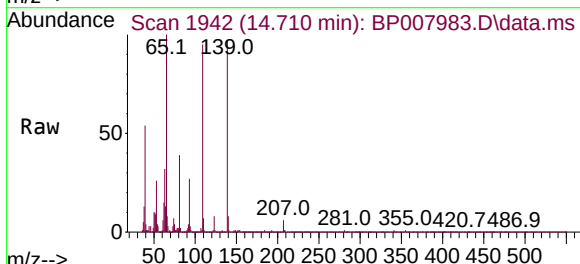
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

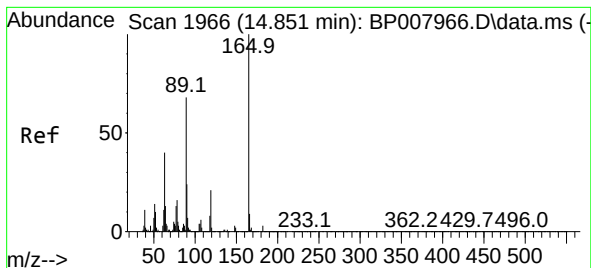
Tgt Ion:168 Resp: 329620
Ion Ratio Lower Upper
168 100
139 39.8 30.8 46.2
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 8.292 ng
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:139 Resp: 43075
Ion Ratio Lower Upper
139 100
109 97.6 60.9 100.9
65 102.9 76.5 116.5





#57

2,4-Dinitrotoluene

Concen: 9.484 ng

RT: 14.851 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion:165 Resp: 78926

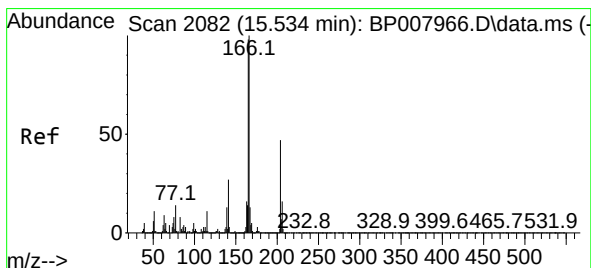
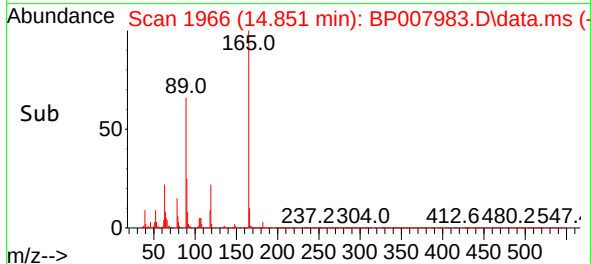
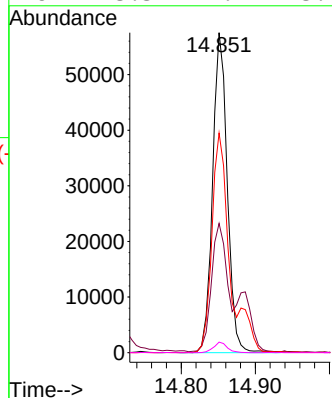
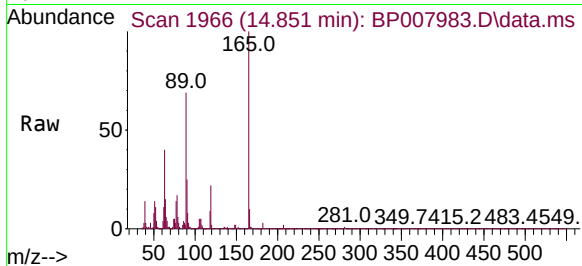
Ion Ratio Lower Upper

165 100

63 40.4 37.4 56.0

89 68.7 61.8 92.6

182 3.3 2.1 3.1#



#58

Fluorene

Concen: 9.551 ng

RT: 15.539 min Scan# 2083

Delta R.T. 0.005 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

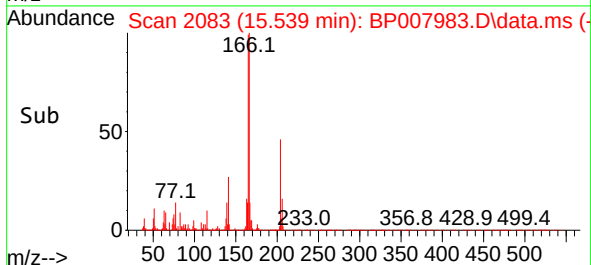
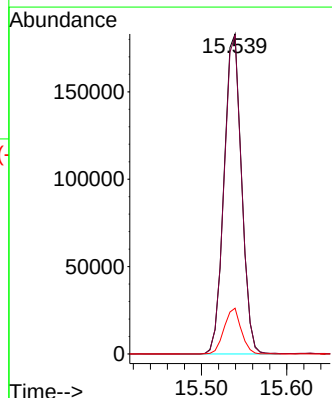
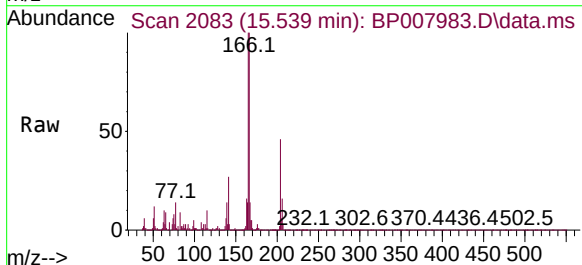
Tgt Ion:166 Resp: 261507

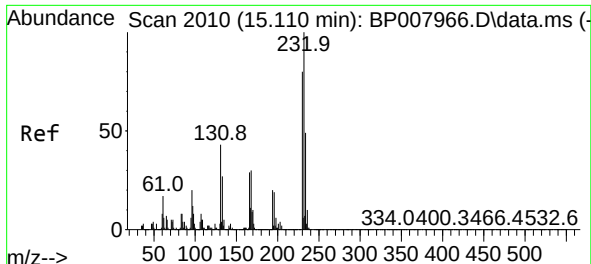
Ion Ratio Lower Upper

166 100

165 99.5 78.9 118.3

167 14.3 10.9 16.3

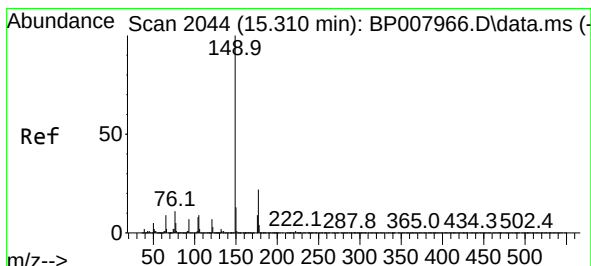
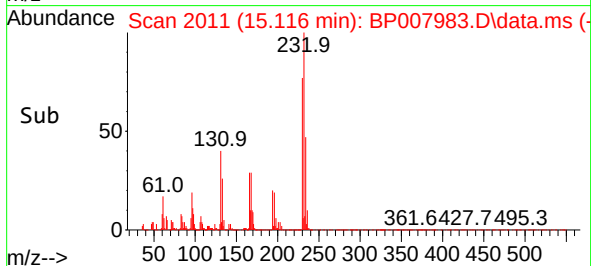
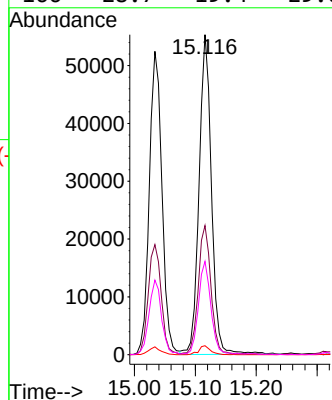
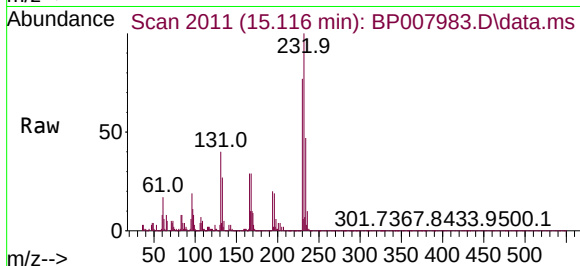




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.168 ng
RT: 15.116 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

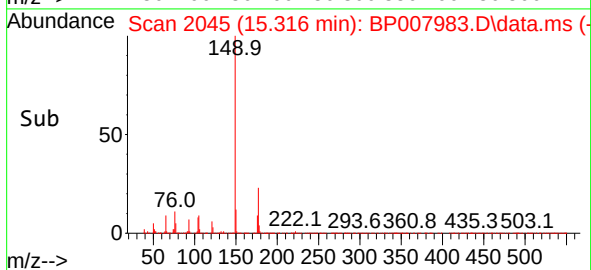
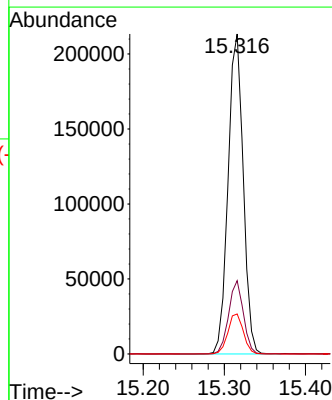
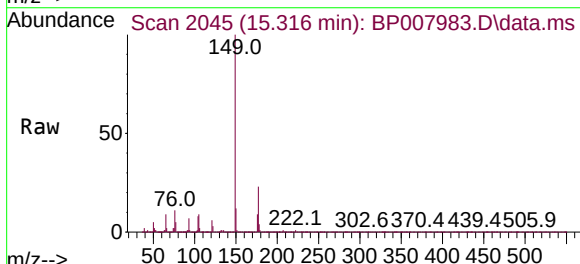
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

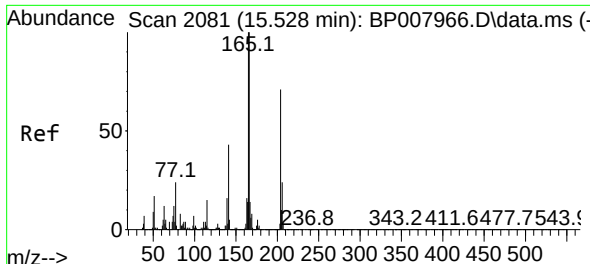
Tgt Ion:	232	Resp:	78572
Ion Ratio	Lower	Upper	
232	100		
131	40.8	30.3	45.5
130	2.6	1.8	2.8
166	28.7	19.4	29.0



#60
Diethylphthalate
Concen: 9.522 ng
RT: 15.316 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:	149	Resp:	276197
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.8	26.8
150	12.5	10.2	15.2

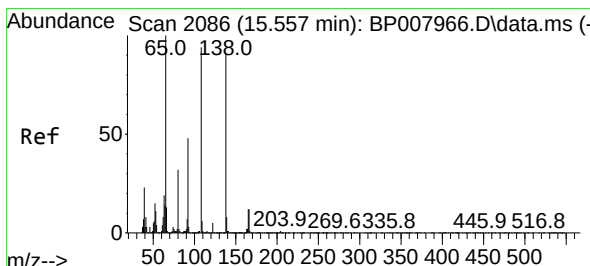
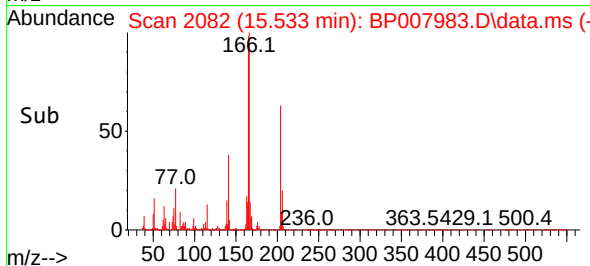
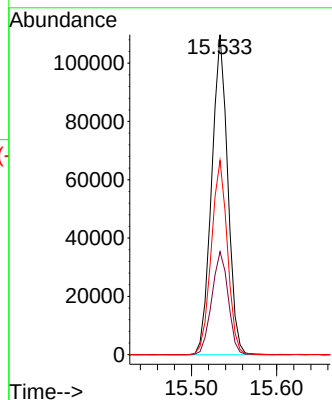
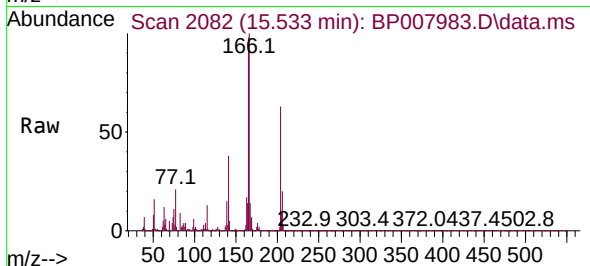




#61
4-Chlorophenyl-phenylether
Concen: 9.722 ng
RT: 15.533 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

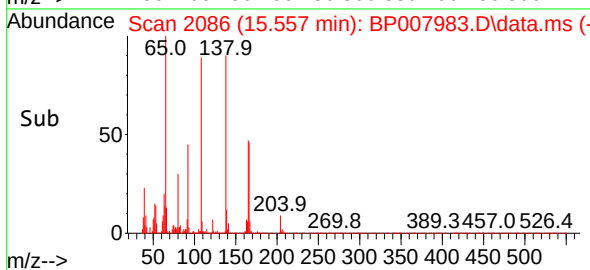
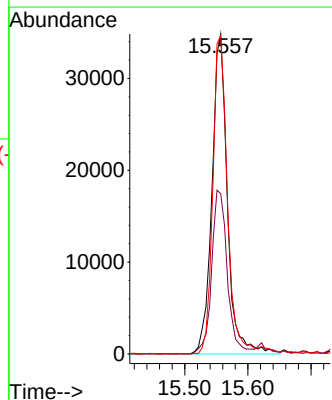
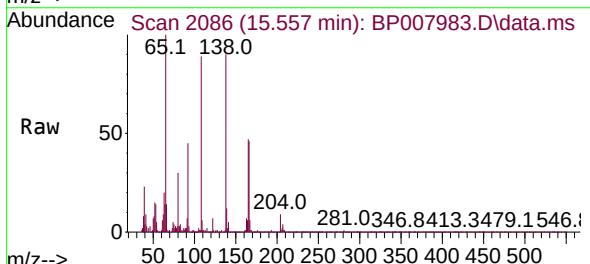
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

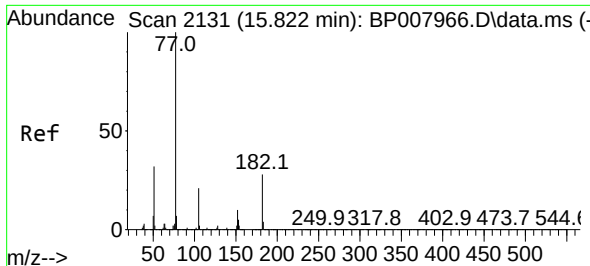
Tgt Ion:204 Resp: 143961
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 60.7 48.8 73.2



#62
4-Nitroaniline
Concen: 9.050 ng
RT: 15.557 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:138 Resp: 59285
Ion Ratio Lower Upper
138 100
92 50.2 30.7 70.7
108 99.4 71.2 111.2

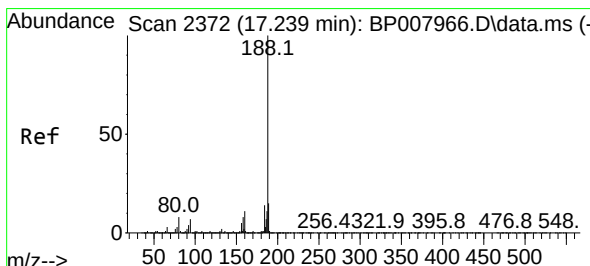
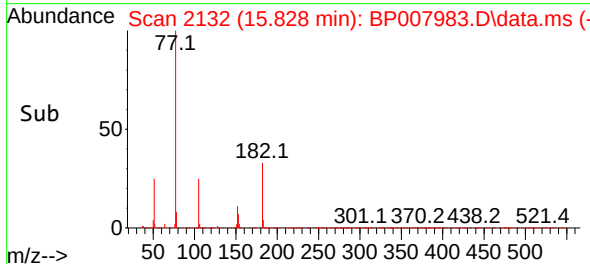
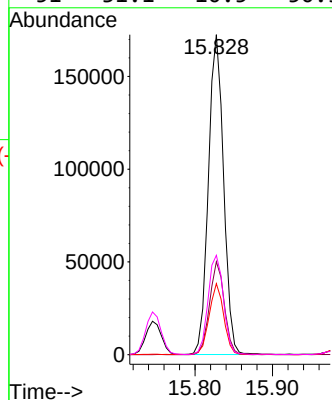
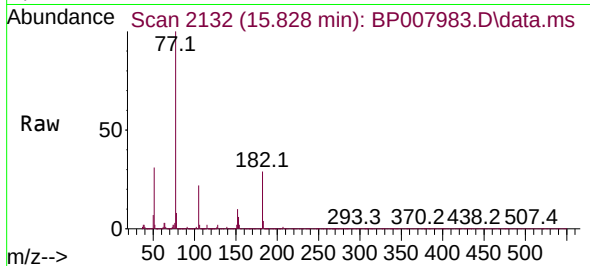




#63
Azobenzene
Concen: 9.588 ng
RT: 15.828 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

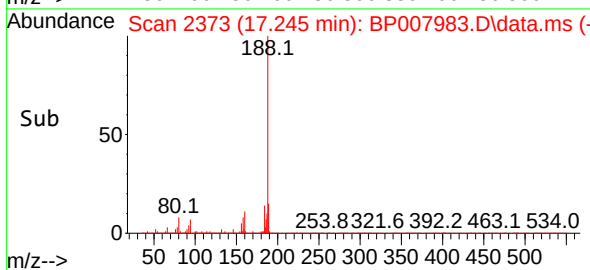
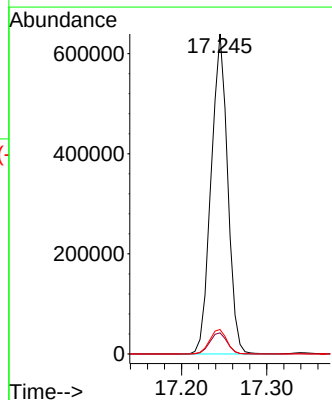
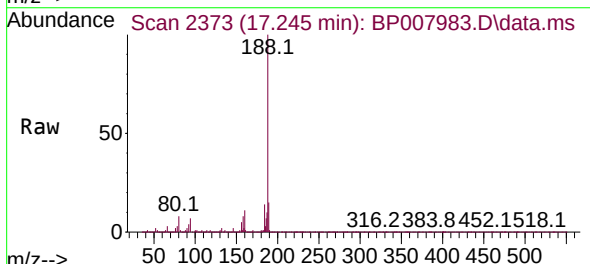
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

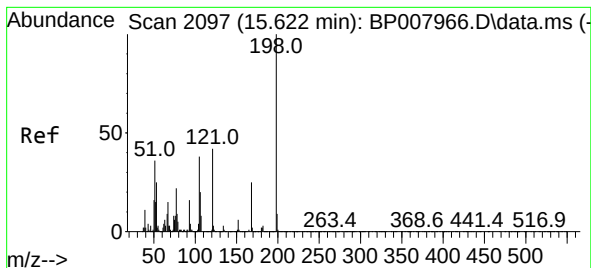
Tgt Ion: 77	Resp: 234132
Ion Ratio	Lower Upper
77 100	
182 29.1	6.5 46.5
105 22.2	1.3 41.3
51 31.1	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2373
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:188	Resp:	863652	
Ion	Ratio	Lower	Upper
188	100		
94	6.6	7.1	10.7#
80	7.7	7.8	11.6#

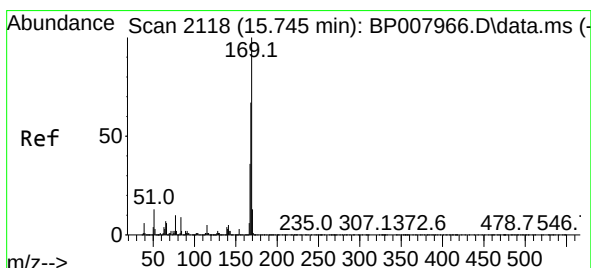
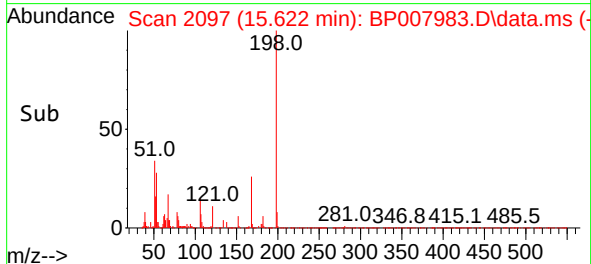
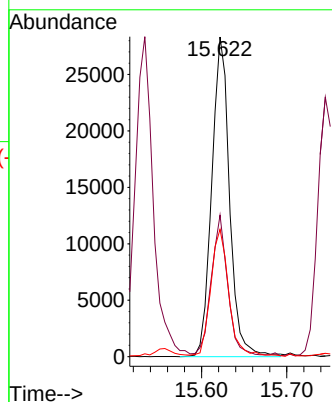
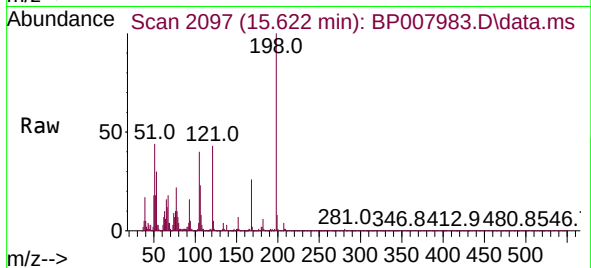




#65
4,6-Dinitro-2-methylphenol
Concen: 7.283 ng
RT: 15.622 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

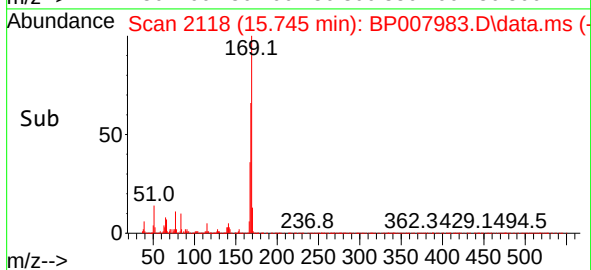
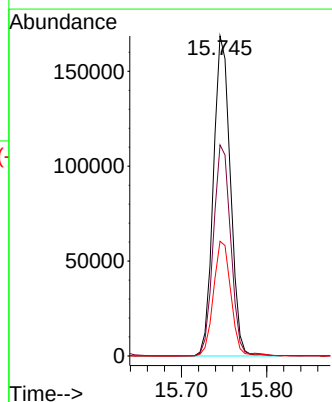
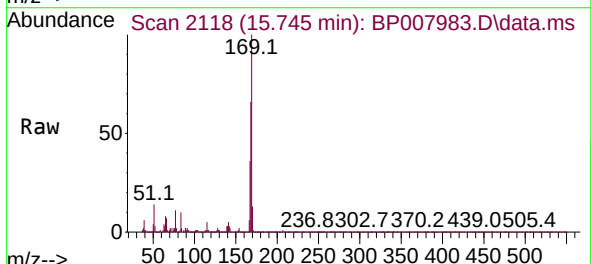
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

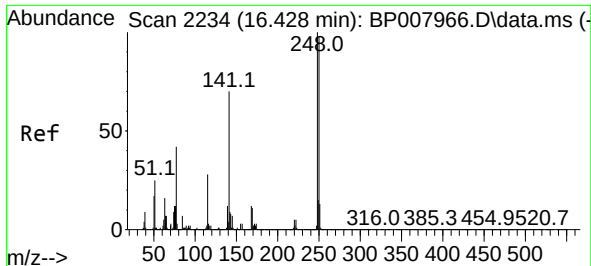
Tgt Ion:198 Resp: 41224
Ion Ratio Lower Upper
198 100
51 44.3 23.8 63.8
105 39.9 24.6 64.6



#66
n-Nitrosodiphenylamine
Concen: 9.443 ng
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:169 Resp: 233441
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.8 29.0 43.6

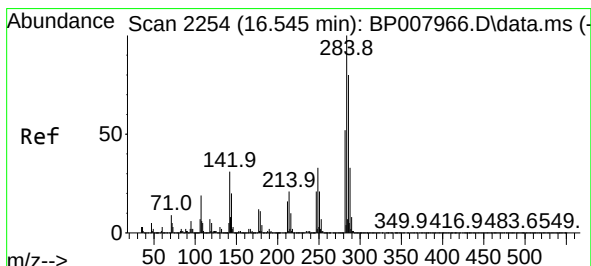
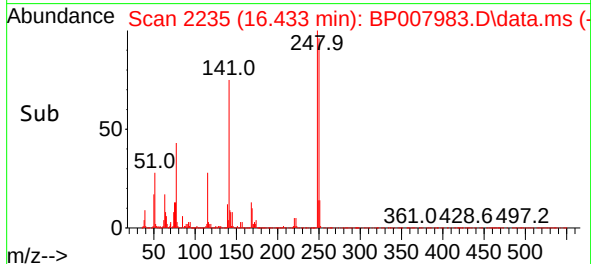
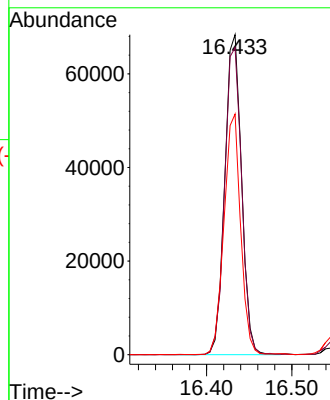
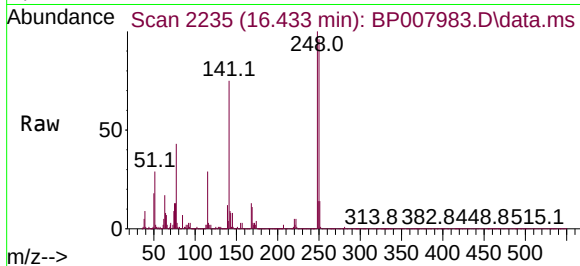




#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

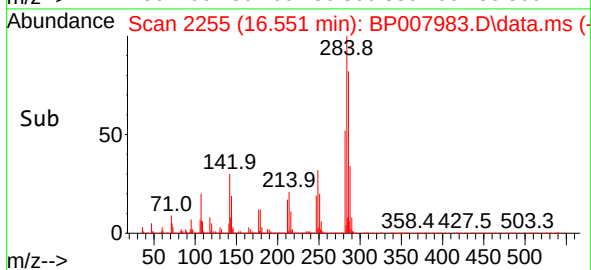
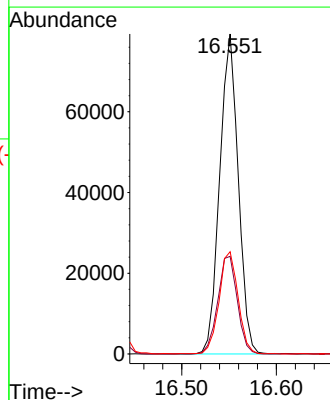
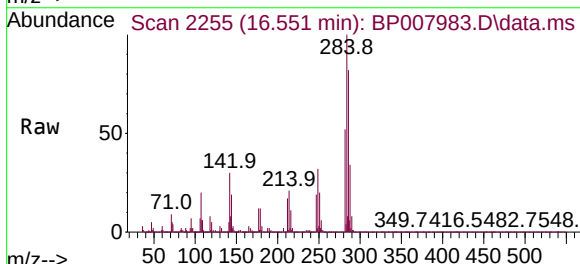
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

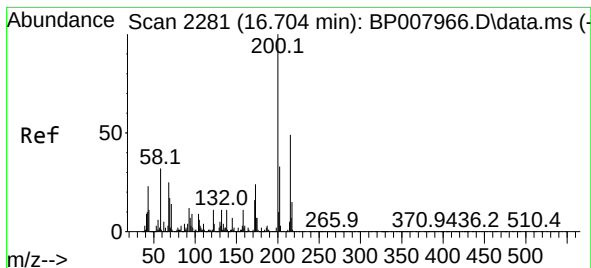
Tgt Ion:248 Resp: 93496
Ion Ratio Lower Upper
248 100
250 95.9 78.2 117.2
141 75.2 60.8 91.2



#68
Hexachlorobenzene
Concen: 9.478 ng
RT: 16.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:284 Resp: 107829
Ion Ratio Lower Upper
284 100
142 30.5 30.6 46.0#
249 31.9 26.6 40.0





#69

Atrazine

Concen: 14.225 ng

RT: 16.710 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

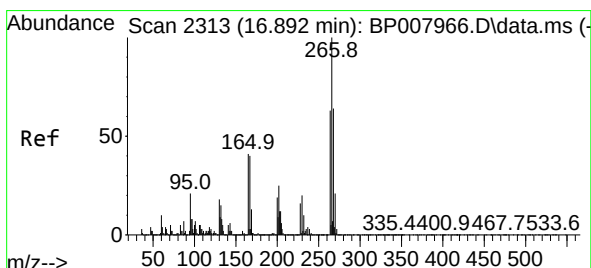
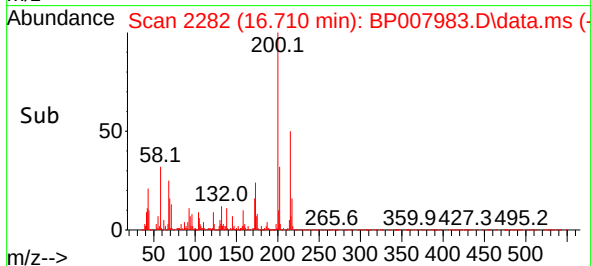
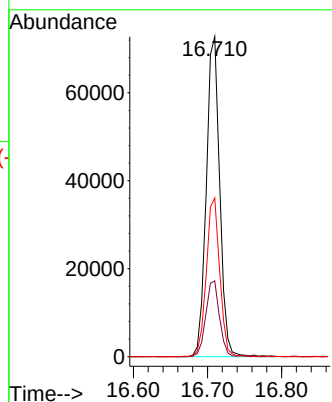
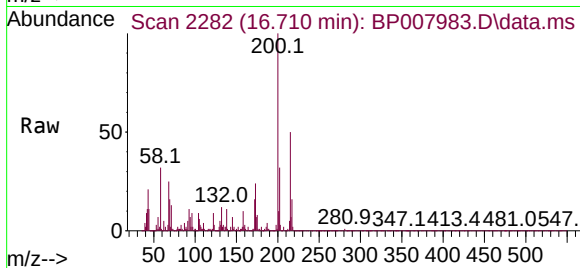
Tgt Ion:200 Resp: 91682

Ion Ratio Lower Upper

200 100

173 23.7 6.2 46.2

215 49.6 28.2 68.2



#70

Pentachlorophenol

Concen: 8.811 ng

RT: 16.898 min Scan# 2314

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

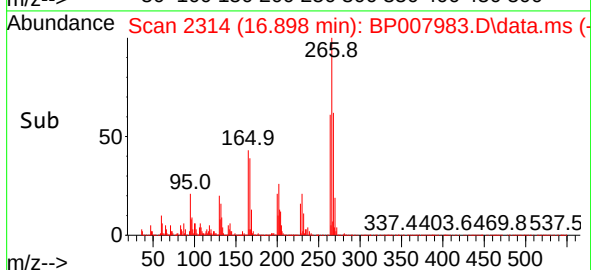
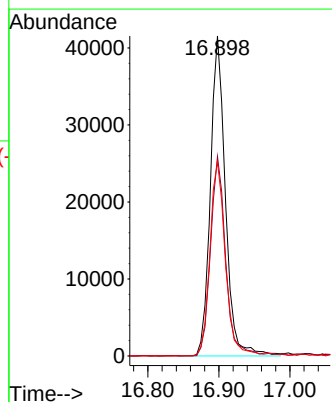
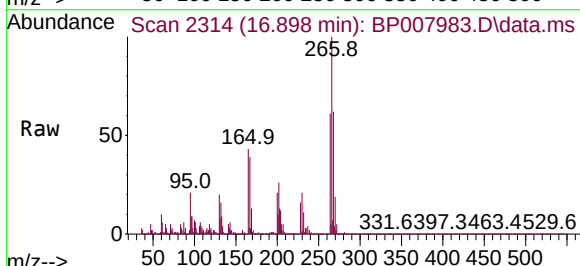
Tgt Ion:266 Resp: 61123

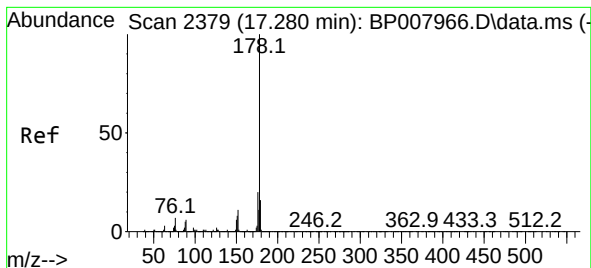
Ion Ratio Lower Upper

266 100

268 62.3 49.3 73.9

264 60.7 48.7 73.1





#71

Phenanthrene

Concen: 9.548 ng

RT: 17.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

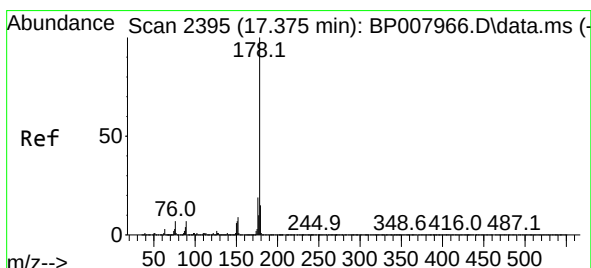
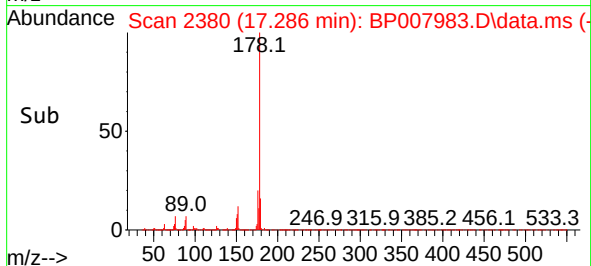
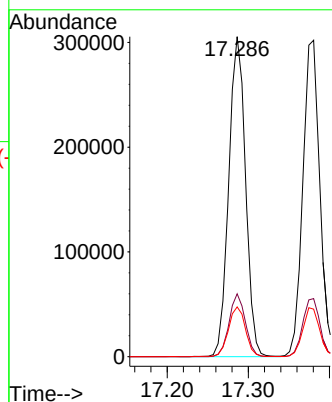
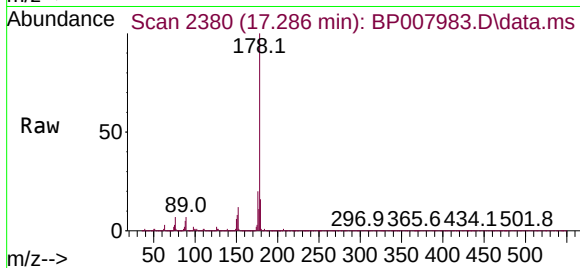
Tgt Ion:178 Resp: 439312

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.6 12.3 18.5



#72

Anthracene

Concen: 9.815 ng

RT: 17.380 min Scan# 2396

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

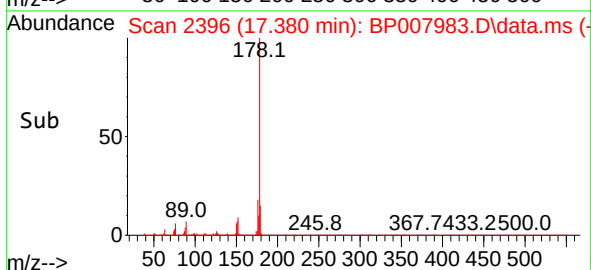
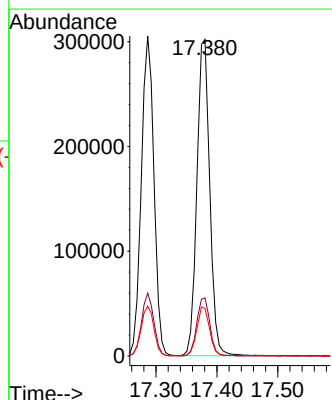
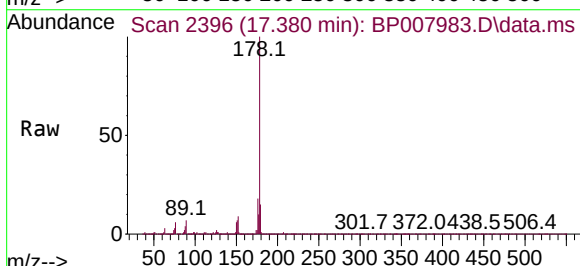
Tgt Ion:178 Resp: 442726

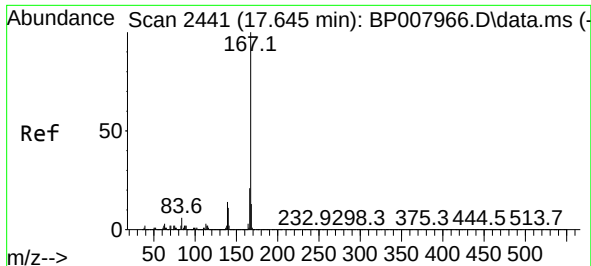
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.0 12.2 18.4

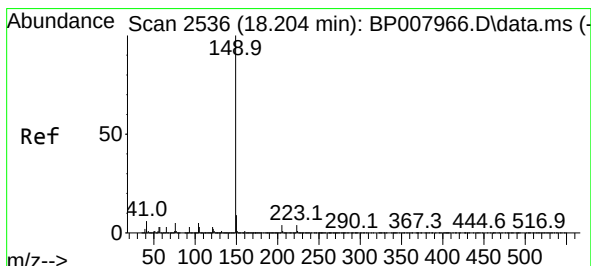
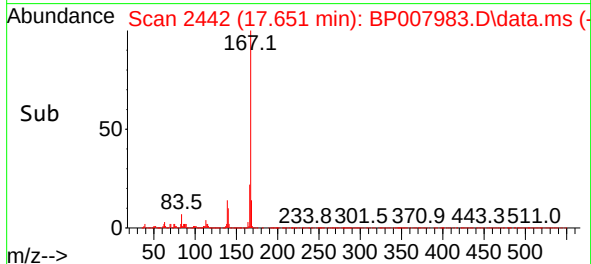
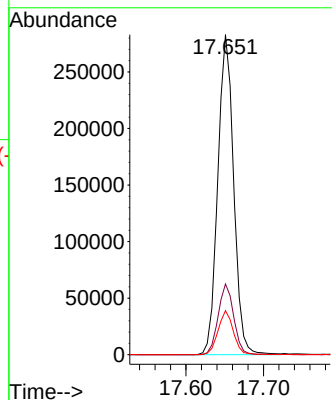
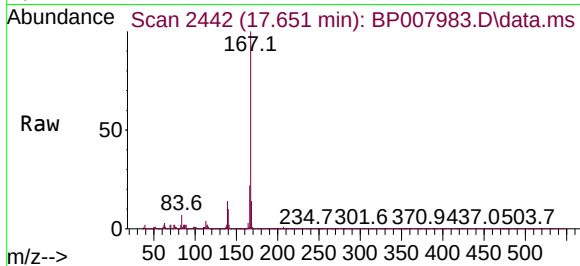




#73
 Carbazole
 Concen: 9.064 ng
 RT: 17.651 min Scan# 2441
 Delta R.T. 0.006 min
 Lab File: BP007983.D
 Acq: 15 Nov 2021 15:42

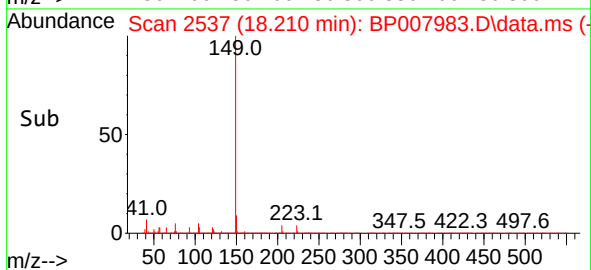
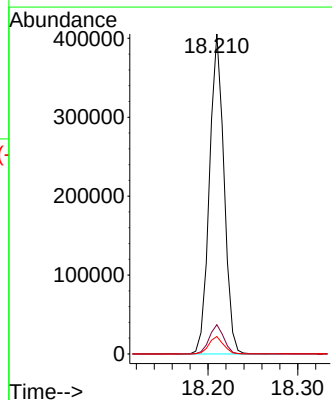
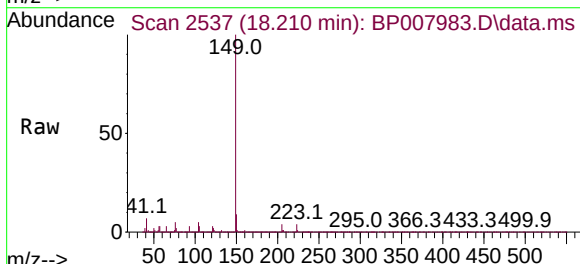
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

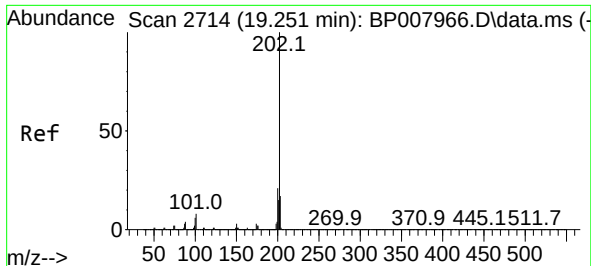
Tgt Ion:167 Resp: 402593
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.7 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 9.074 ng
 RT: 18.210 min Scan# 2537
 Delta R.T. 0.006 min
 Lab File: BP007983.D
 Acq: 15 Nov 2021 15:42

Tgt Ion:149 Resp: 456130
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.5 4.2 6.4

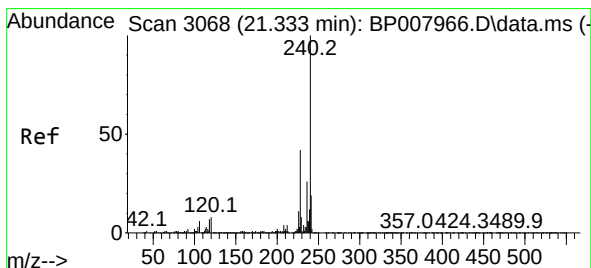
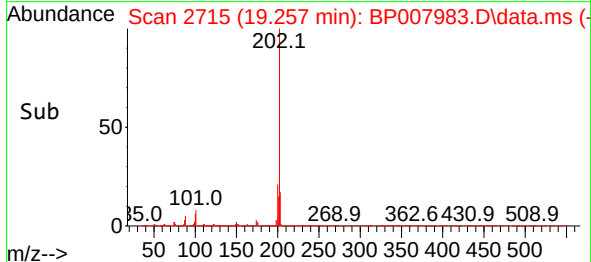
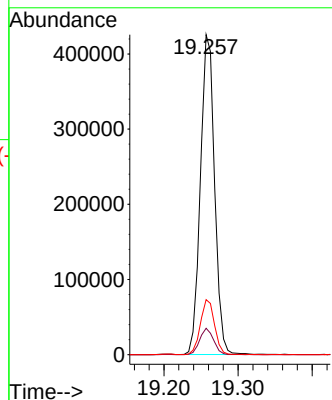
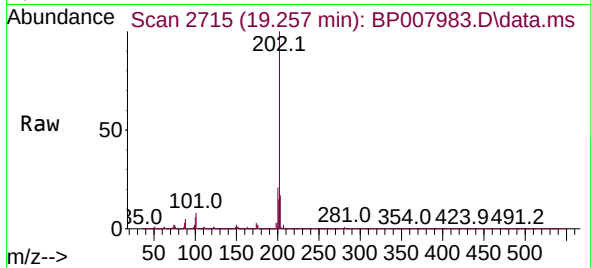




#75
Fluoranthene
Concen: 9.689 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

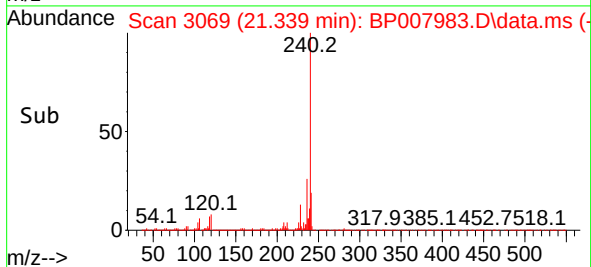
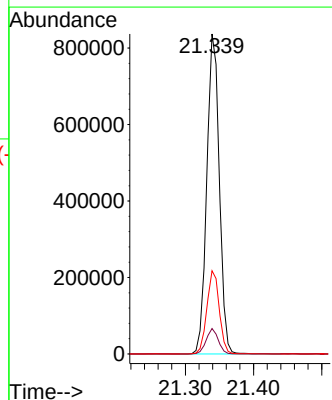
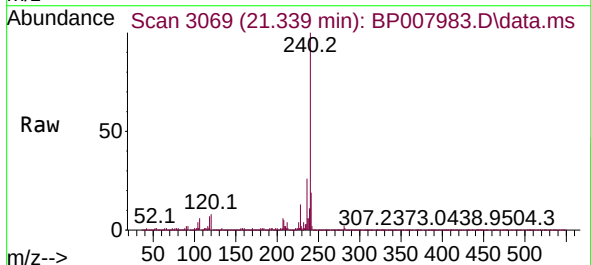
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

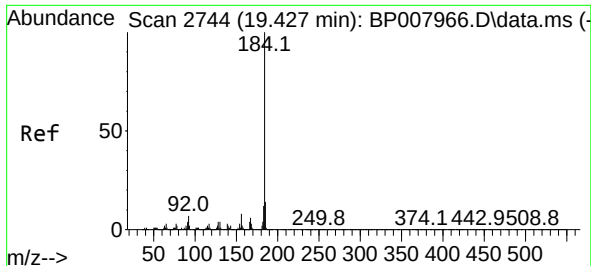
Tgt Ion:202 Resp: 564454
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.4
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3069
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:240 Resp: 1069005
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.8
236 26.0 20.6 30.8

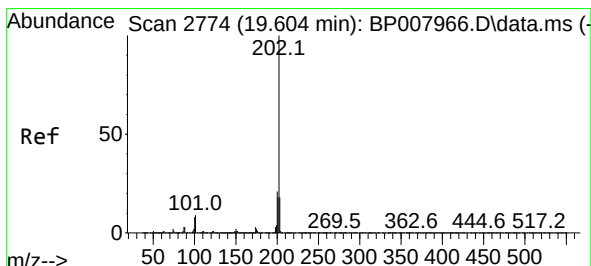
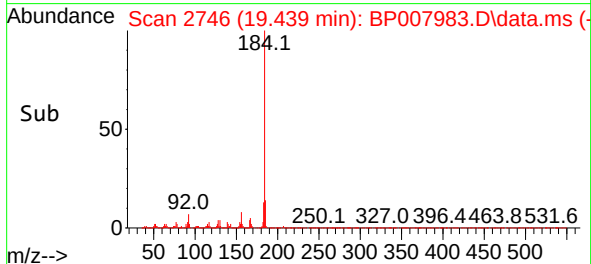
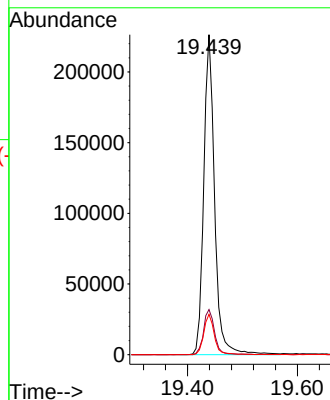
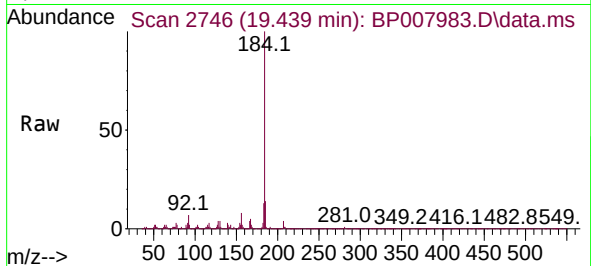




#77
Benzidine
Concen: 18.935 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

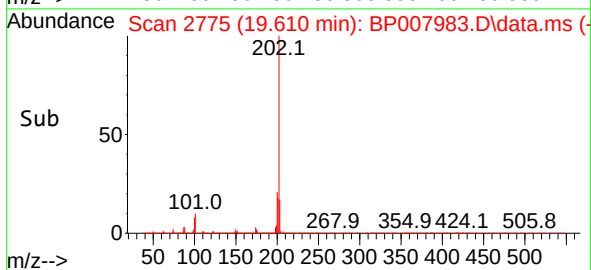
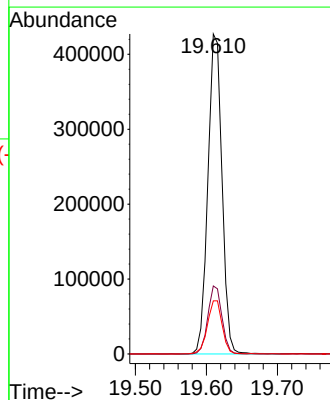
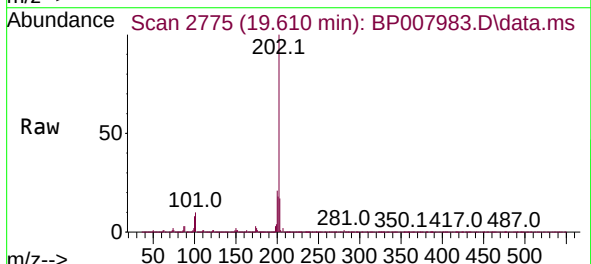
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

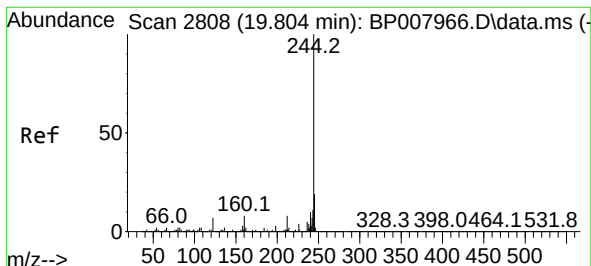
Tgt Ion:184 Resp: 310567
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.6 9.1 13.7



#78
Pyrene
Concen: 9.226 ng
RT: 19.610 min Scan# 2775
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:202 Resp: 589774
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 16.6 13.8 20.6





#79

Terphenyl-d14

Concen: 63.359 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

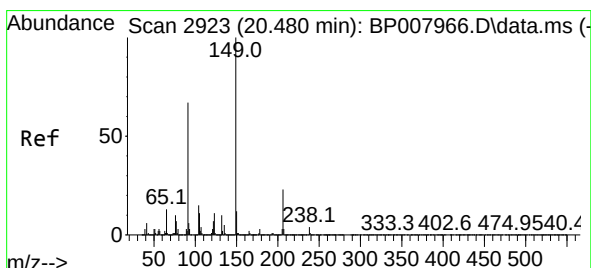
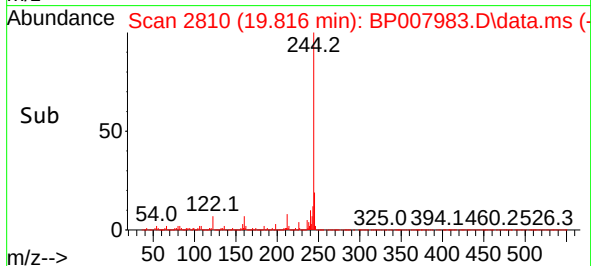
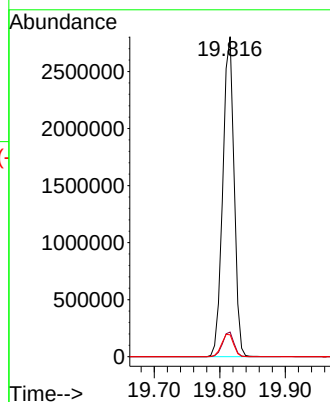
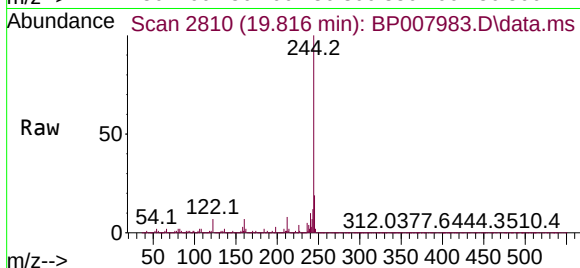
Tgt Ion:244 Resp: 3340260

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 6.8 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 8.351 ng

RT: 20.492 min Scan# 2925

Delta R.T. 0.012 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

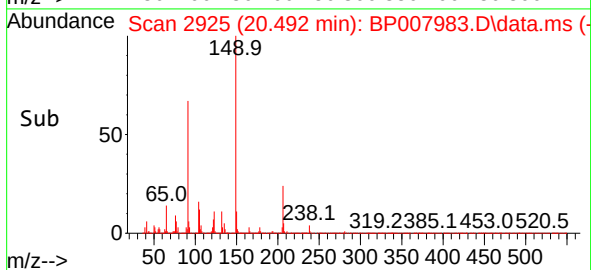
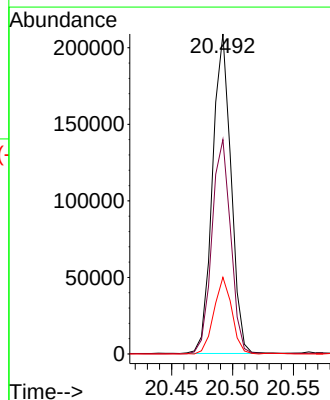
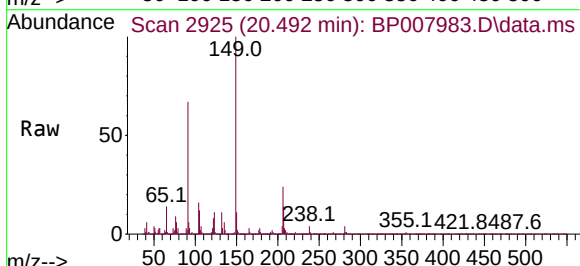
Tgt Ion:149 Resp: 220436

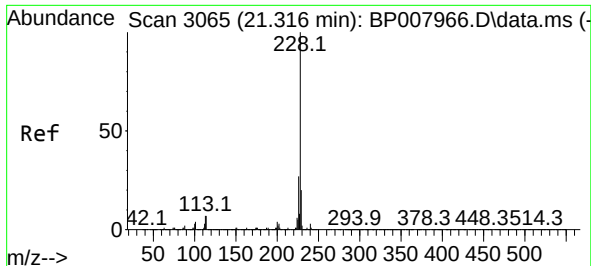
Ion Ratio Lower Upper

149 100

91 67.0 56.6 85.0

206 23.9 17.4 26.2

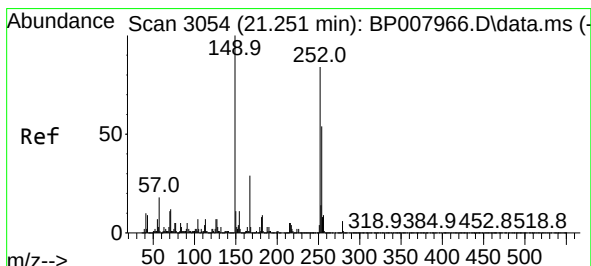
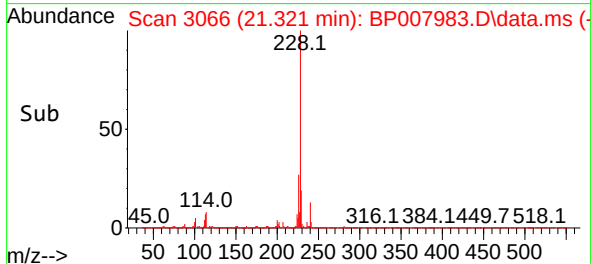
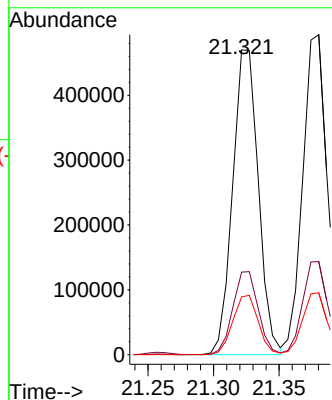
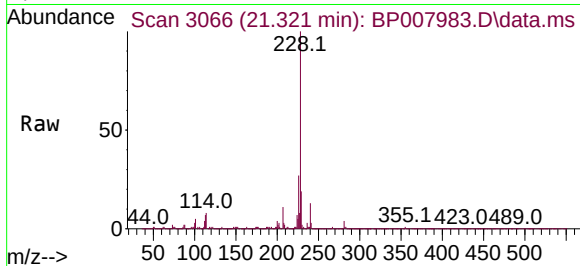




#81
Benzo(a)anthracene
Concen: 9.120 ng
RT: 21.321 min Scan# 3066
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

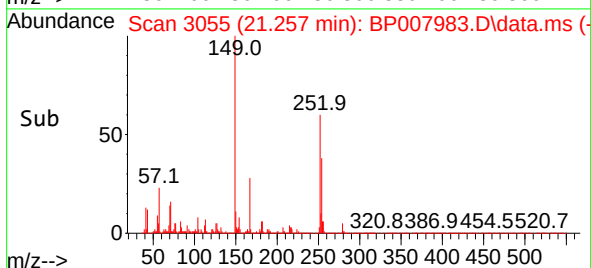
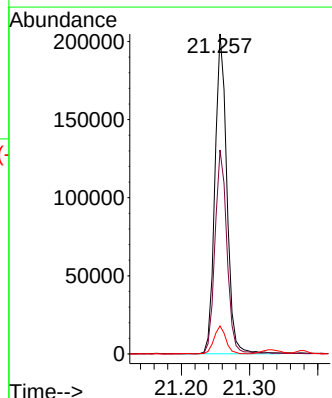
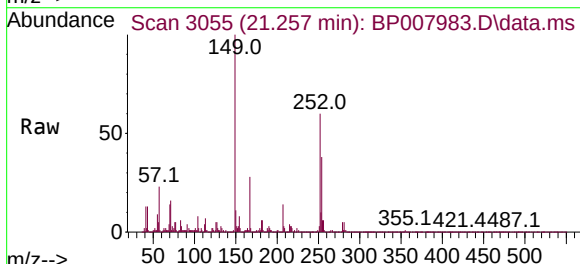
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

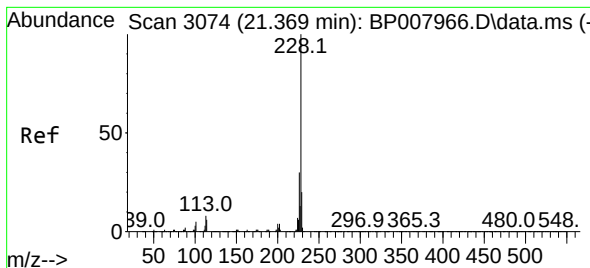
Tgt Ion:228 Resp: 641856
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 7.670 ng
RT: 21.257 min Scan# 3055
Delta R.T. 0.006 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:252 Resp: 249153
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 8.7 8.5 12.7





#83

Chrysene

Concen: 9.511 ng

RT: 21.380 min Scan# 3076

Delta R.T. 0.012 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

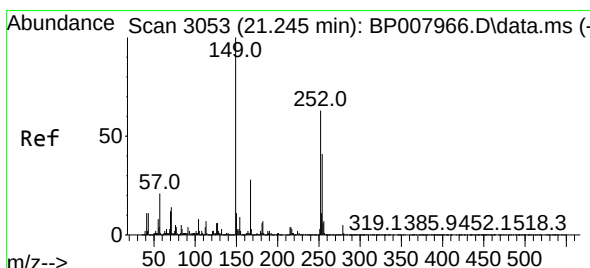
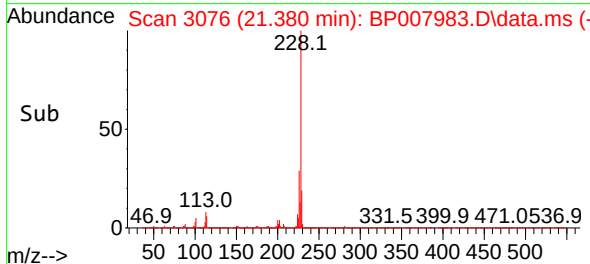
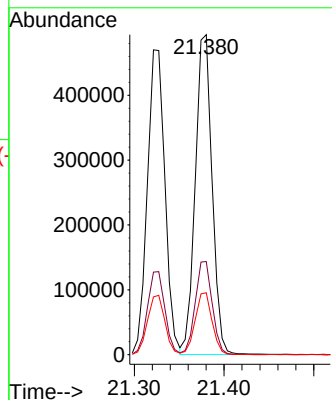
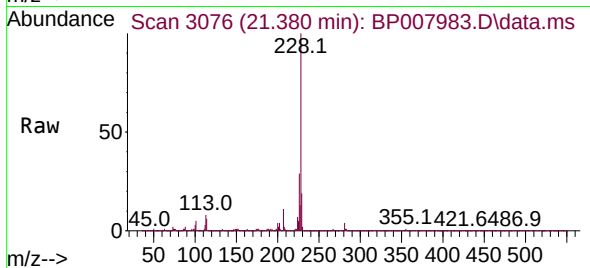
Tgt Ion:228 Resp: 641537

Ion Ratio Lower Upper

228 100

226 29.1 24.6 37.0

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.204 ng

RT: 21.257 min Scan# 3055

Delta R.T. 0.012 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

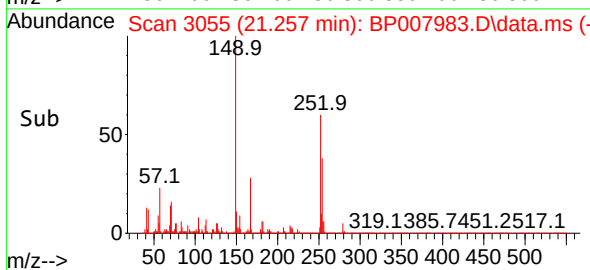
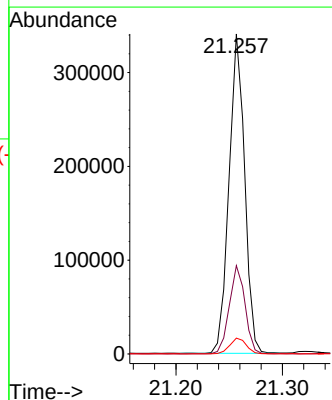
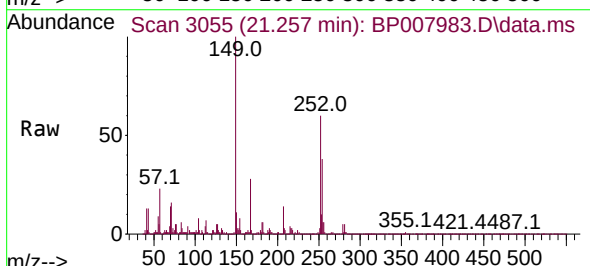
Tgt Ion:149 Resp: 346888

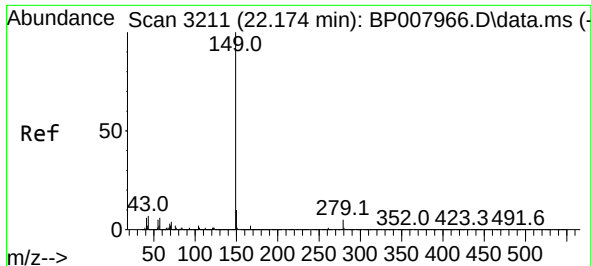
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 4.9 3.3 4.9#

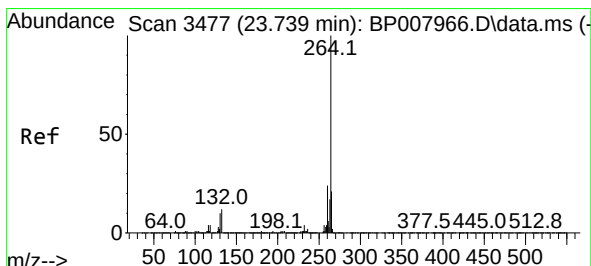
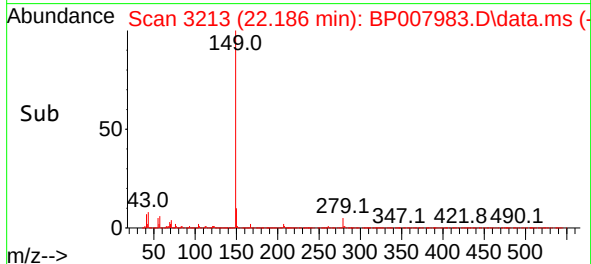
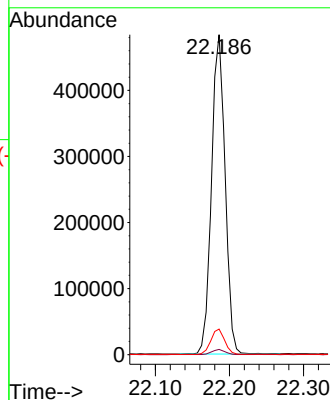
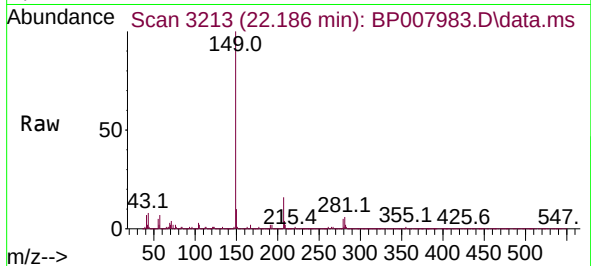




#85
Di-n-octyl phthalate
Concen: 8.865 ng
RT: 22.186 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

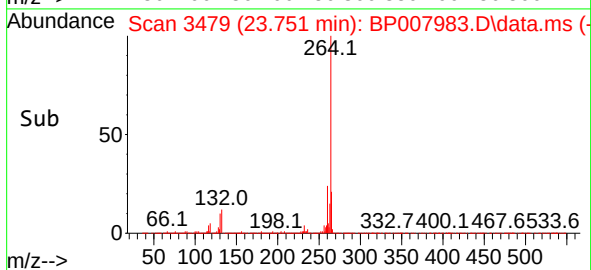
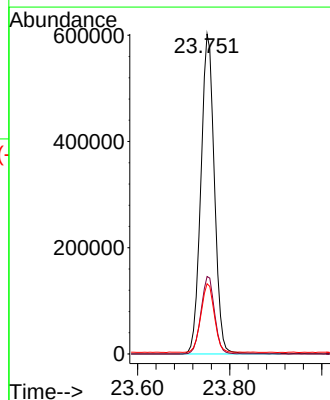
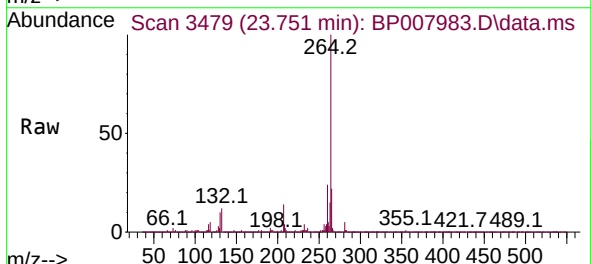
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

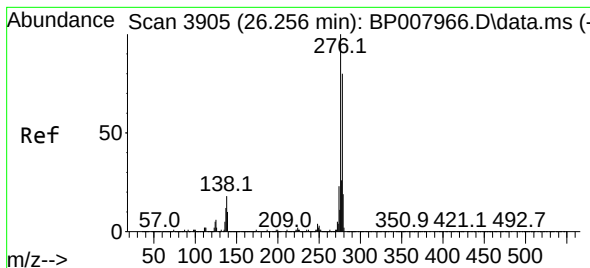
Tgt Ion:149 Resp: 615718
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3479
Delta R.T. 0.012 min
Lab File: BP007983.D
Acq: 15 Nov 2021 15:42

Tgt Ion:264 Resp: 1231138
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.710 ng

RT: 26.262 min Scan# 3905

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

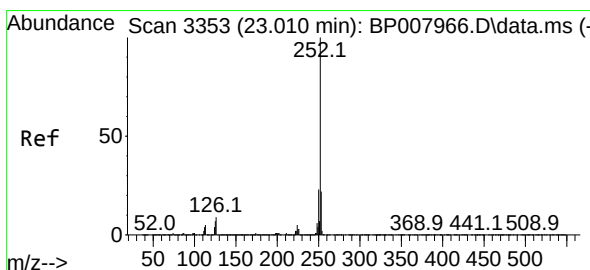
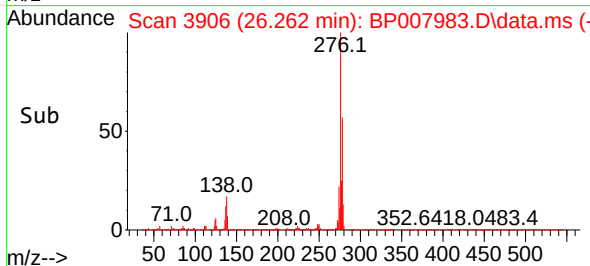
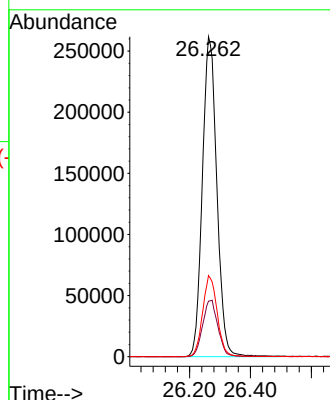
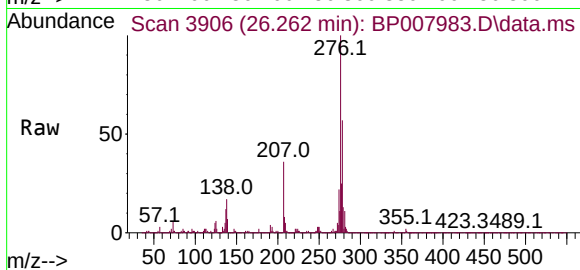
Tgt Ion:276 Resp: 863109

Ion Ratio Lower Upper

276 100

138 18.6 19.4 29.0#

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 9.791 ng

RT: 23.015 min Scan# 3354

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

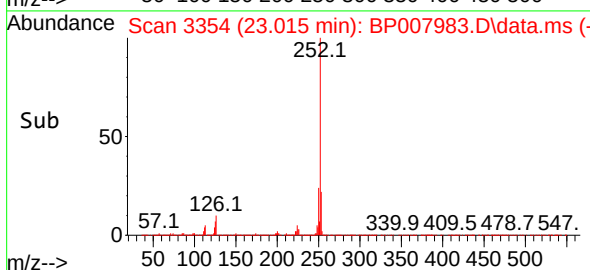
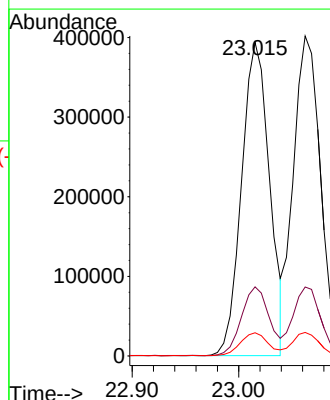
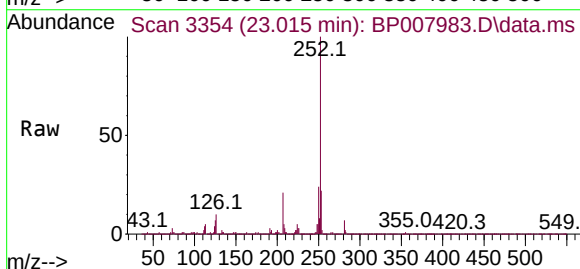
Tgt Ion:252 Resp: 717511

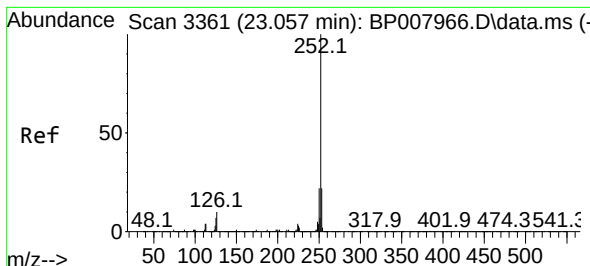
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 9.764 ng

RT: 23.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

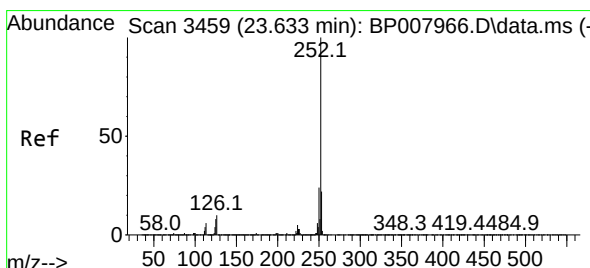
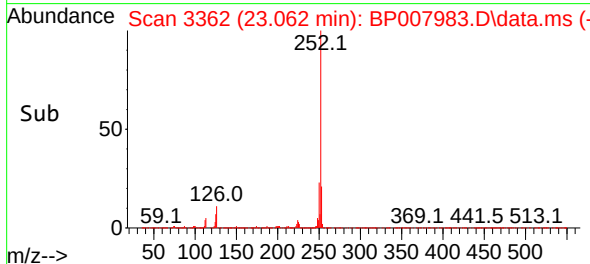
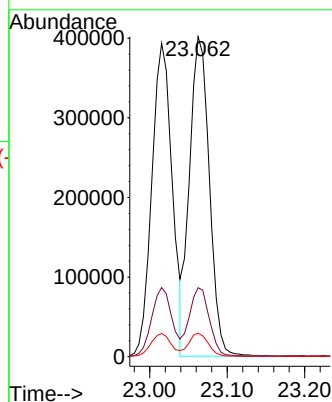
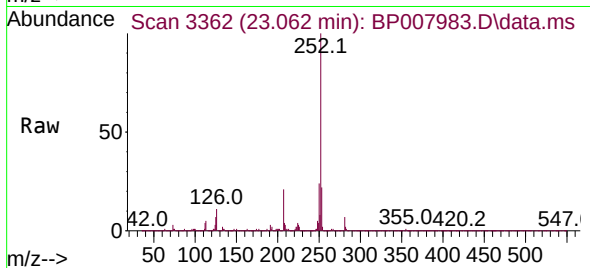
Tgt Ion:252 Resp: 714789

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 7.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 11.165 ng

RT: 23.645 min Scan# 3461

Delta R.T. 0.012 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

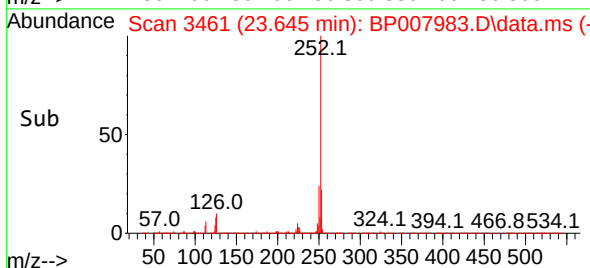
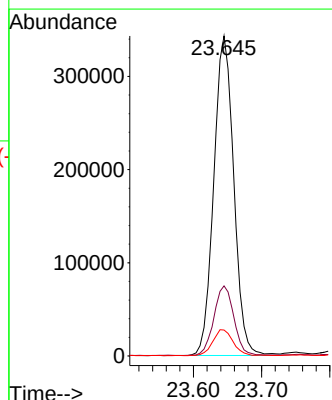
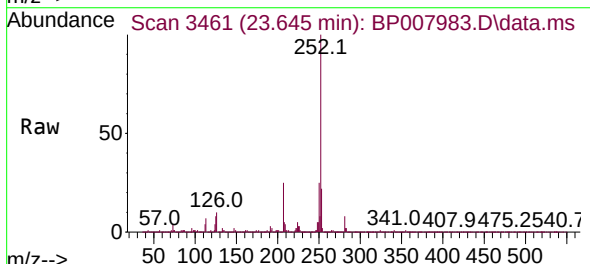
Tgt Ion:252 Resp: 699790

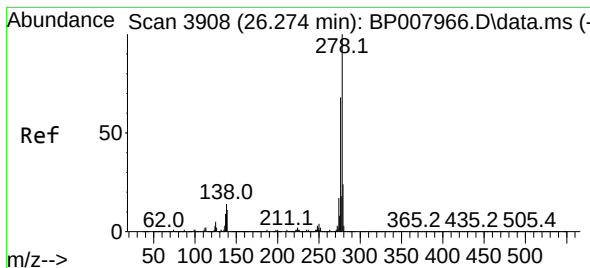
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.1 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 9.869 ng

RT: 26.280 min Scan# 3908

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2021

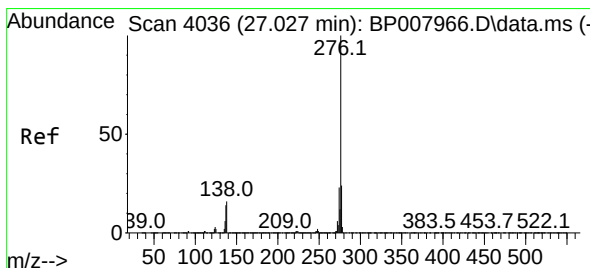
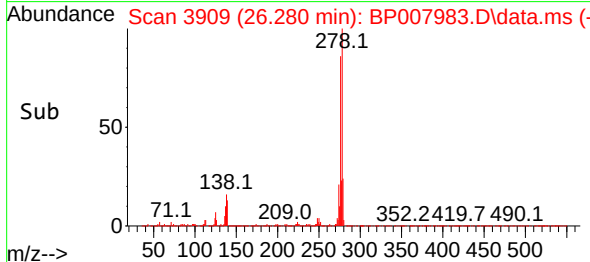
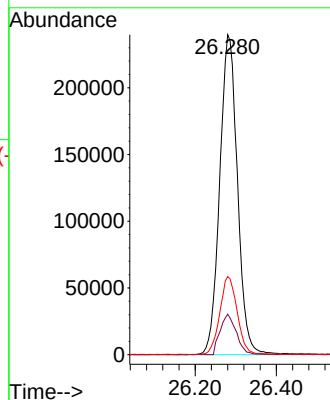
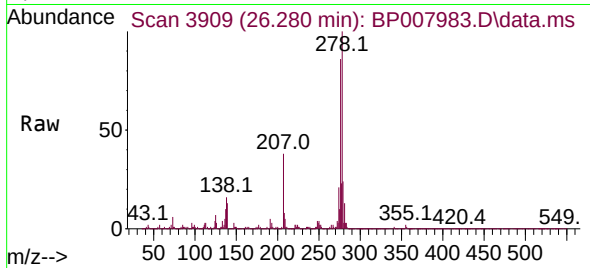
Tgt Ion:278 Resp: 727689

Ion Ratio Lower Upper

278 100

139 12.6 11.8 17.6

279 24.4 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 10.025 ng

RT: 27.033 min Scan# 4037

Delta R.T. 0.006 min

Lab File: BP007983.D

Acq: 15 Nov 2021 15:42

Tgt Ion:276 Resp: 728680

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 15.2 16.2 24.4#

