

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021965.D
 Acq On : 20 Sep 2024 13:11
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ--SOIL 10 ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 20 13:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	73108	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	271811	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	201786	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	506738	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	625794	20.000	ng	-0.01
86) Perylene-d12	24.845	264	761910	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	482409	124.005	ng	0.00
7) Phenol-d6	6.893	99	596950	118.203	ng	0.00
23) Nitrobenzene-d5	8.852	82	453428	88.269	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	510813	136.549	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1214808	87.882	ng	0.00
79) Terphenyl-d14	19.851	244	2750440	82.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	18423	11.405	ng	100
3) Pyridine	3.664	79	39791	9.236	ng	98
4) n-Nitrosodimethylamine	3.570	42	23767	10.458	ng	# 94
6) Aniline	7.046	93	55232	12.446	ng	99
8) 2-Chlorophenol	7.287	128	42153	10.133	ng	96
9) Benzaldehyde	6.863	77	40443	15.316	ng	98
10) Phenol	6.916	94	51049	10.177	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	40282	10.661	ng	99
12) 1,3-Dichlorobenzene	7.605	146	54860	10.446	ng	98
13) 1,4-Dichlorobenzene	7.746	146	55116	10.348	ng	97
14) 1,2-Dichlorobenzene	8.058	146	52569	10.284	ng	100
15) Benzyl Alcohol	7.946	79	39629	10.232	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44928	11.149	ng	99
17) 2-Methylphenol	8.146	107	34055	10.050	ng	97
18) Hexachloroethane	8.775	117	19478	9.946	ng	96
19) n-Nitroso-di-n-propyla...	8.499	70	32466	10.343	ng	98
20) 3+4-Methylphenols	8.469	107	45957	9.607	ng	98
22) Acetophenone	8.516	105	71139	10.729	ng	# 95
24) Nitrobenzene	8.893	77	55335	10.607	ng	99
25) Isophorone	9.416	82	87678	10.353	ng	99
26) 2-Nitrophenol	9.599	139	21902	9.602	ng	# 90
27) 2,4-Dimethylphenol	9.657	122	27083	10.254	ng	96
28) bis(2-Chloroethoxy)met...	9.887	93	53163	10.469	ng	97
29) 2,4-Dichlorophenol	10.128	162	44414	9.907	ng	95
30) 1,2,4-Trichlorobenzene	10.340	180	56834	10.178	ng	96
31) Naphthalene	10.522	128	138587	10.218	ng	99
32) Benzoic acid	9.740	122	21544	6.977	ng	92
33) 4-Chloroaniline	10.634	127	53279	10.891	ng	97
34) Hexachlorobutadiene	10.810	225	43705	10.005	ng	97
35) Caprolactam	11.399	113	12239	9.174	ng	95
36) 4-Chloro-3-methylphenol	11.751	107	46078	9.581	ng	99
37) 2-Methylnaphthalene	12.134	142	100161	10.094	ng	98
38) 1-Methylnaphthalene	12.351	142	94031	9.598	ng	97
40) 1,2,4,5-Tetrachloroben...	12.504	216	73730	10.444	ng	98
41) Hexachlorocyclopentadiene	12.487	237	32279	12.306	ng	93
43) 2,4,6-Trichlorophenol	12.746	196	42820	9.882	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	45239	9.307	ng	97
46) 1,1'-Biphenyl	13.157	154	146806	10.670	ng	100
47) 2-Chloronaphthalene	13.193	162	113868	10.235	ng	98
48) 2-Nitroaniline	13.393	65	28681	9.441	ng	96
49) Acenaphthylene	14.040	152	174152	11.094	ng	98
50) Dimethylphthalate	13.781	163	153009	10.455	ng	99
51) 2,6-Dinitrotoluene	13.898	165	29396	9.014	ng	92
52) Acenaphthene	14.387	154	104760	10.254	ng	98
53) 3-Nitroaniline	14.228	138	28371	9.762	ng	# 92
54) 2,4-Dinitrophenol	14.434	184	16311	8.536	ng	96
55) Dibenzofuran	14.728	168	186317	10.850	ng	99
56) 4-Nitrophenol	14.551	139	23716	9.375	ng	98
57) 2,4-Dinitrotoluene	14.692	165	44024	9.549	ng	94
58) Fluorene	15.387	166	150243	10.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	49061	10.458	ng	98
60) Diethylphthalate	15.157	149	154725	10.404	ng	99
61) 4-Chlorophenyl-phenylether	15.387	204	88752	10.630	ng	98
62) 4-Nitroaniline	15.404	138	29934	9.366	ng	99
63) Azobenzene	15.687	77	135994	11.050	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	26516	9.028	ng	91
66) n-Nitrosodiphenylamine	15.610	169	132271	10.483	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	60062	10.168	ng	99
68) Hexachlorobenzene	16.416	284	75887	10.304	ng	97
69) Atrazine	16.587	200	57376	12.692	ng	99
70) Pentachlorophenol	16.763	266	44357	8.952	ng	97
71) Phenanthrene	17.163	178	256398	10.540	ng	99
72) Anthracene	17.257	178	253454	10.764	ng	99
73) Carbazole	17.534	167	234652	10.318	ng	99
74) Di-n-butylphthalate	18.128	149	267565	10.017	ng	98
75) Fluoranthene	19.251	202	346062	10.192	ng	99
77) Benzidine	19.451	184	162082	21.194	ng	98
78) Pyrene	19.628	202	361240	9.542	ng	99
80) Butylbenzylphthalate	20.580	149	126613	9.377	ng	96
81) Benzo(a)anthracene	21.533	228	429715	10.686	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	149528	10.249	ng	99
83) Chrysene	21.598	228	401898	10.615	ng	98
84) Bis(2-ethylhexyl)phtha...	21.474	149	191558	9.666	ng	98
85) Di-n-octyl phthalate	22.739	149	314098	9.332	ng	100
87) Indeno(1,2,3-cd)pyrene	28.568	276	535721	10.572	ng	100
88) Benzo(b)fluoranthene	23.874	252	443767	9.848	ng	98
89) Benzo(k)fluoranthene	23.874	252	443767	10.407	ng	98
90) Benzo(a)pyrene	24.686	252	408906	10.534	ng	100
91) Dibenzo(a,h)anthracene	28.633	278	436928	10.447	ng	98
92) Benzo(g,h,i)perylene	29.733	276	415496	9.699	ng	99

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

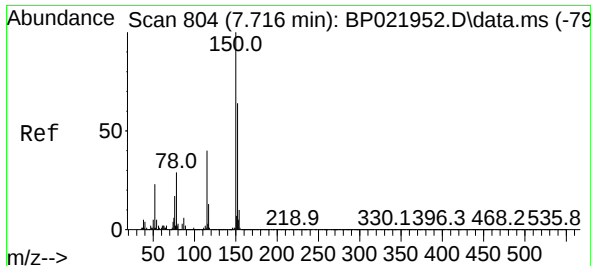
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

TIC: BP021965.D\data.ms

Abundance

Time-->

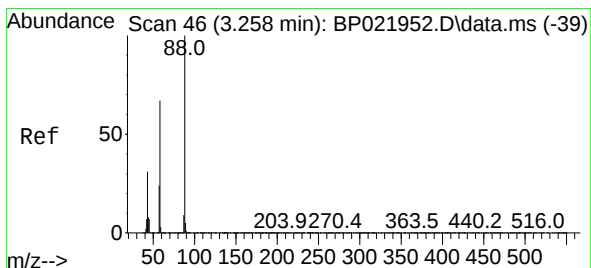
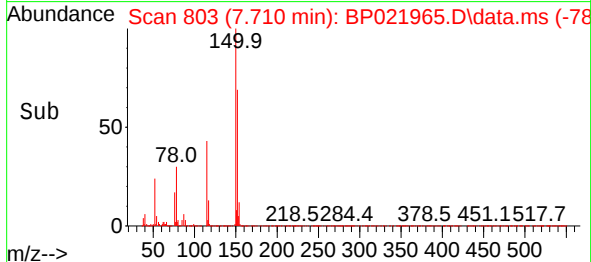
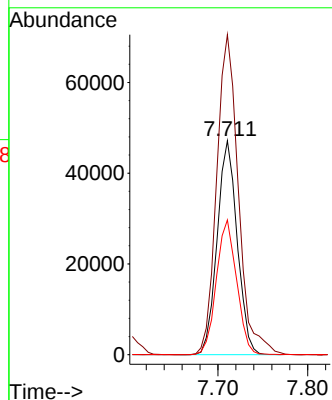
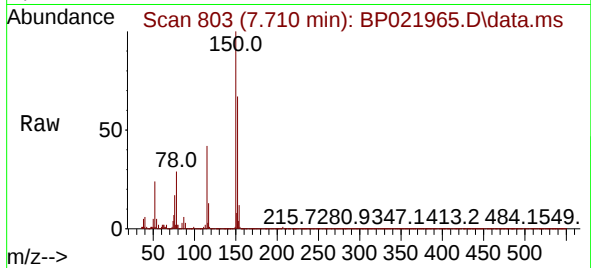
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2-Fluorophenol,S
Phenol-d6,S
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1,3-Bis(bromomethyl)benzene
2,4-Dichlorophenol,P
Nitrobenzene
Nitrobenzene-d5,S
Isopropylphenol
2,4-Dichlorophenol,C
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylisobenzofuran
Hexachlorocyclopentadiene
2,4,6-Trichlorophenol,C
2,1-Dichlorophenol
2-Nitroaniline
2,6-Dinitrophenylphthalate
2-Nitrophenylphthalate
2,4,6-Trinitrophenol
2,4,6-Trinitrophenylphenylether
4,6-Dinitrophenylphenylamine,C
4,6-Dinitrophenylphenylether
4-Bromophenylphenylether
Phthalic acid
Phthalic acid
Anthracene
Phenanthrene-d10,l
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Benzidine
Pyrene
Butylbenzylphthalate
3,3'-Dibenzophenone
Chrysene
Benzo(a)anthracene-d12,l
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene-d12,l
Benzo(a)pyrene
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

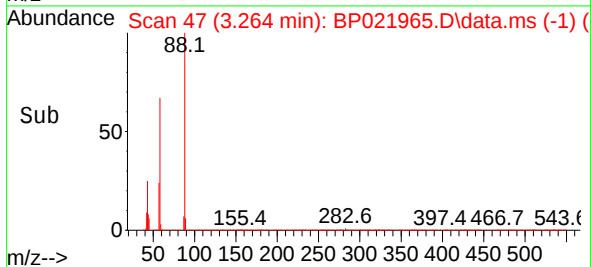
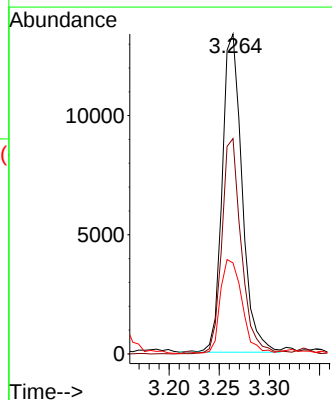
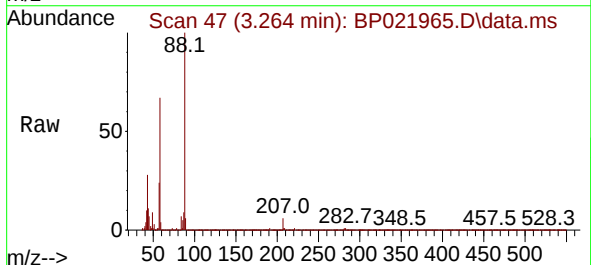
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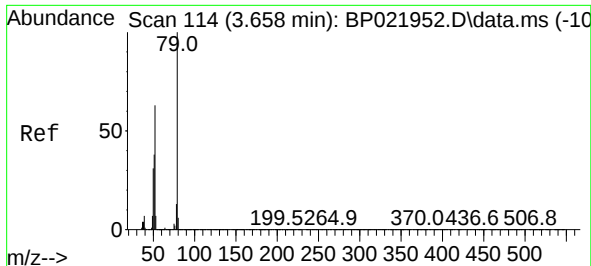
Tgt Ion:152 Resp: 73108
Ion Ratio Lower Upper
152 100
150 149.6 124.2 186.2
115 63.0 49.2 73.8



#2
1,4-Dioxane
Concen: 11.405 ng
RT: 3.264 min Scan# 47
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 88 Resp: 18423
Ion Ratio Lower Upper
88 100
58 67.0 53.8 80.6
43 31.7 25.2 37.8

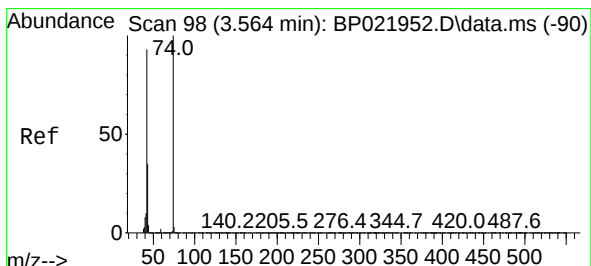
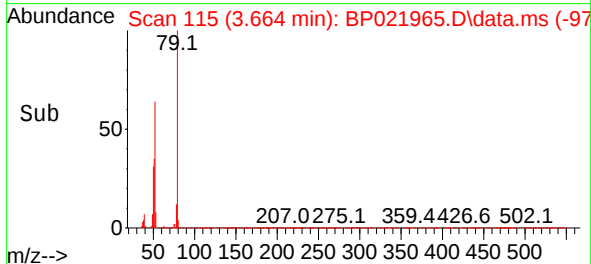
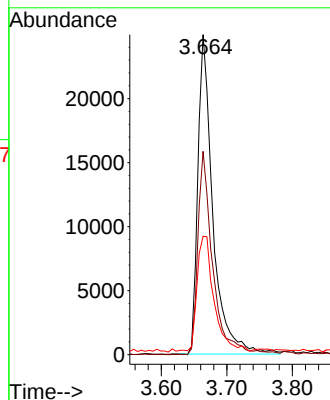
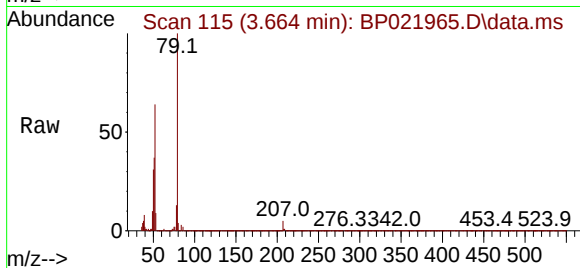




#3
Pyridine
Concen: 9.236 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

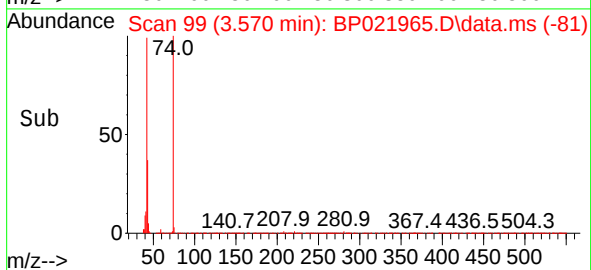
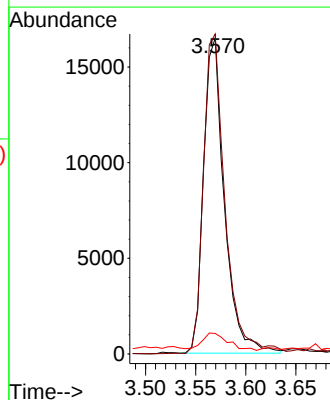
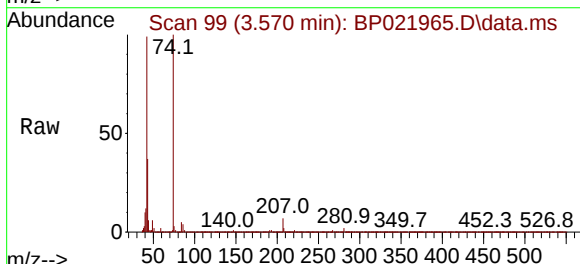
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ClientSampleId :
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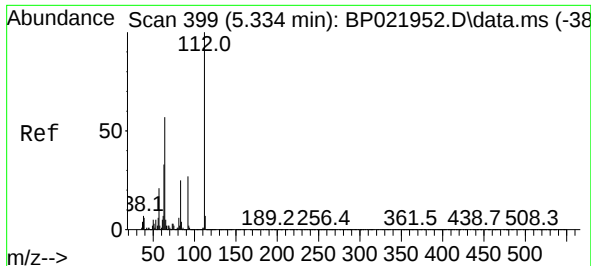
Tgt Ion: 79 Resp: 39791
Ion Ratio Lower Upper
79 100
52 63.6 50.3 75.5
51 37.0 30.9 46.3



#4
n-Nitrosodimethylamine
Concen: 10.458 ng
RT: 3.570 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 42 Resp: 23767
Ion Ratio Lower Upper
42 100
74 101.2 86.3 129.5
44 6.5 4.0 6.0#

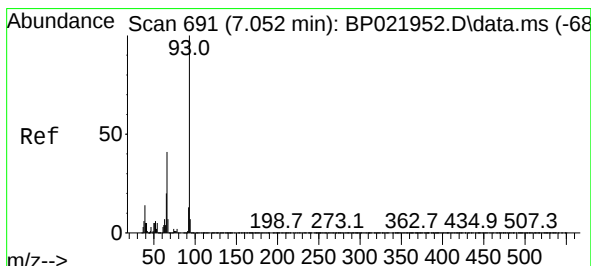
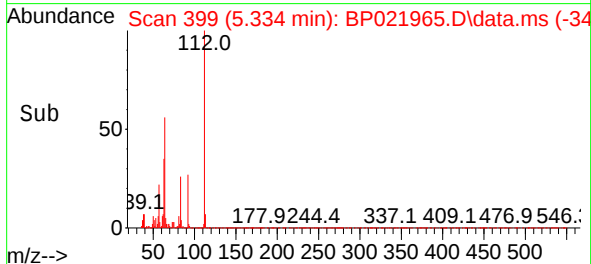
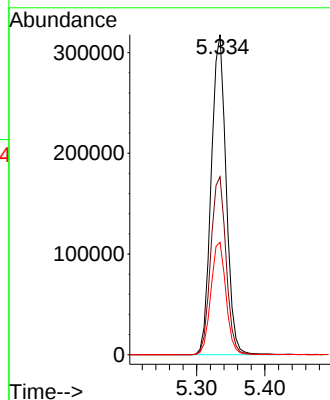
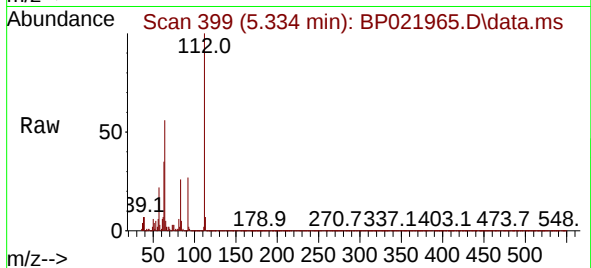




#5
2-Fluorophenol
Concen: 124.005 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

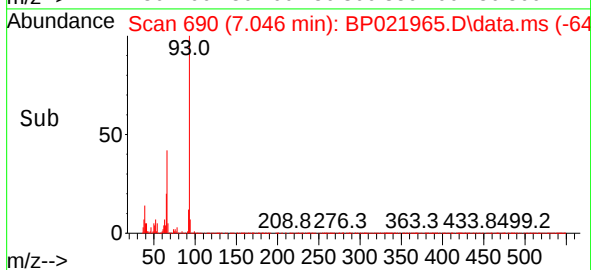
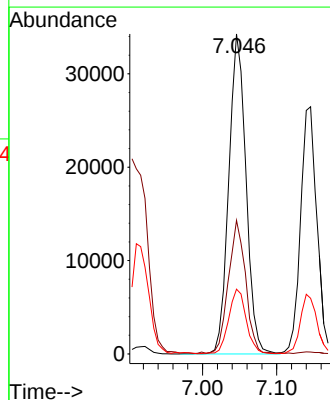
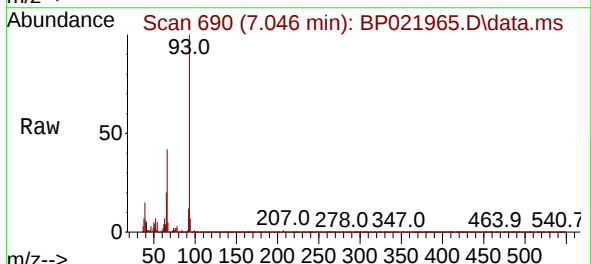
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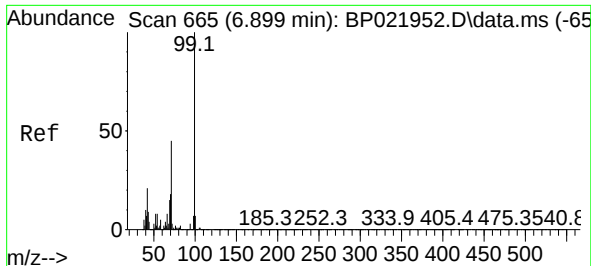
Tgt Ion:112 Resp: 482409
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.0
63 35.2 26.6 39.8



#6
Aniline
Concen: 12.446 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 93 Resp: 55232
Ion Ratio Lower Upper
93 100
66 41.8 33.0 49.4
65 20.3 16.1 24.1

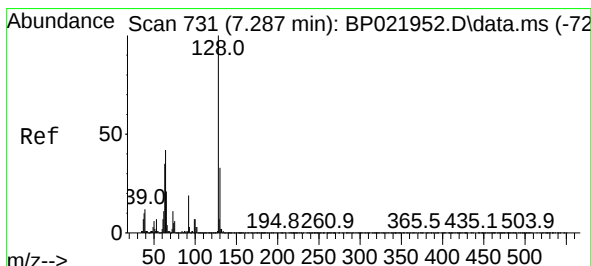
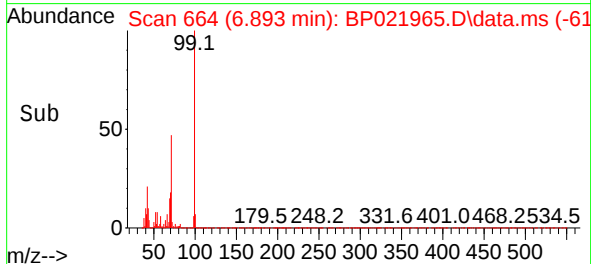
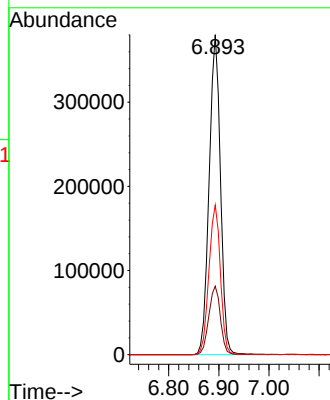
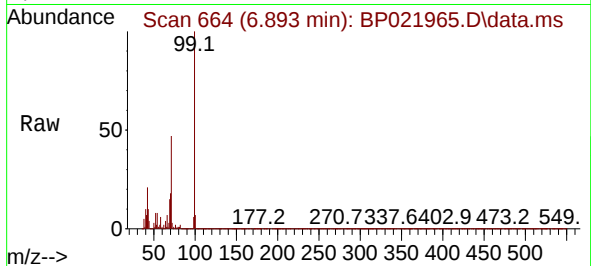




#7
Phenol-d6
Concen: 118.203 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

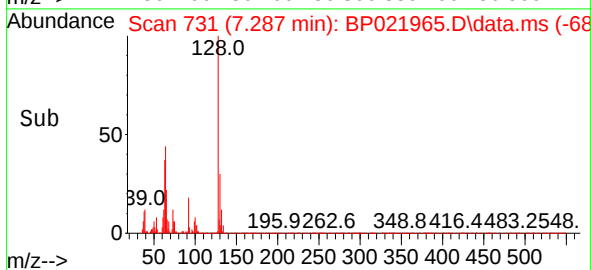
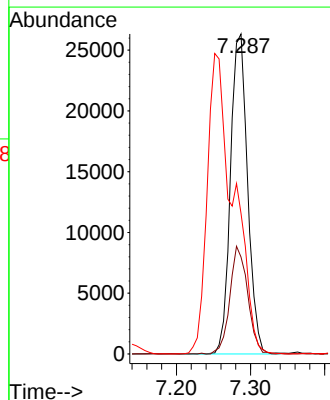
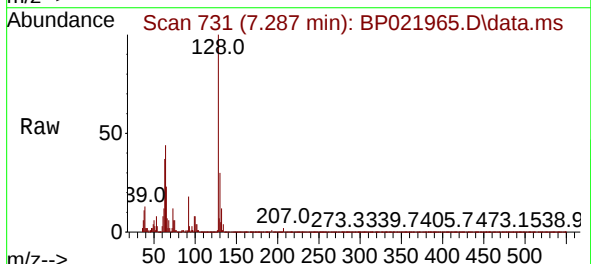
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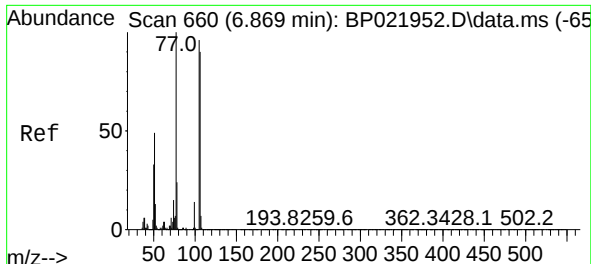
Tgt Ion: 99 Resp: 596950
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 46.7 35.8 53.6



#8
2-Chlorophenol
Concen: 10.133 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:128 Resp: 42153
Ion Ratio Lower Upper
128 100
130 30.3 13.1 53.1
64 44.0 22.1 62.1

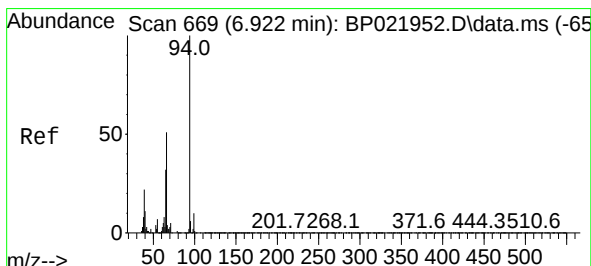
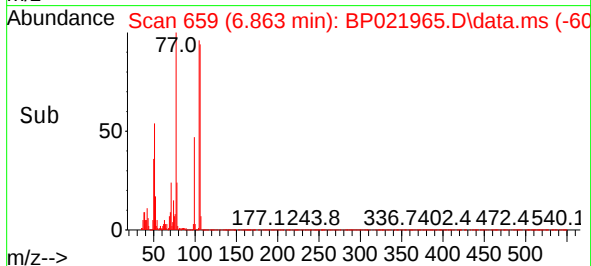
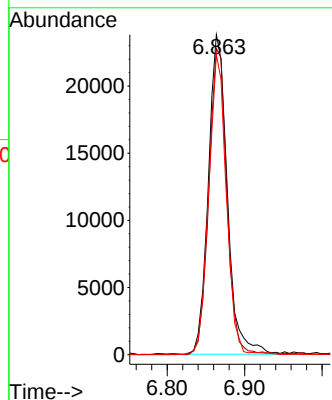
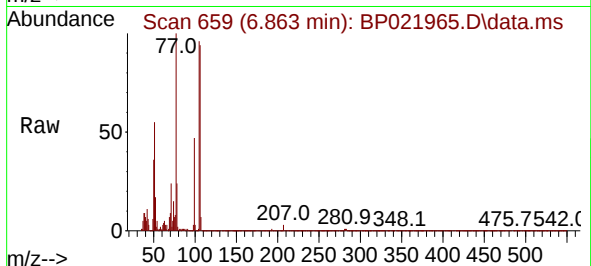




#9
Benzaldehyde
Concen: 15.316 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

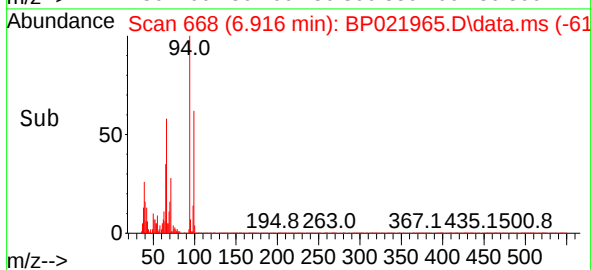
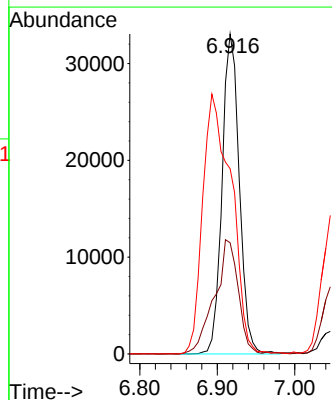
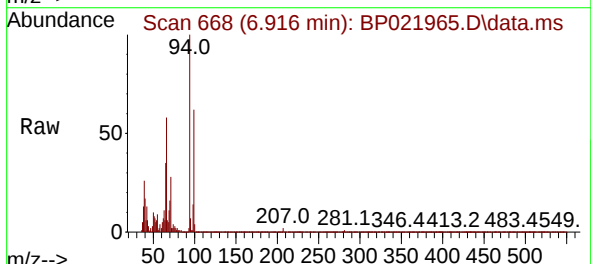
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

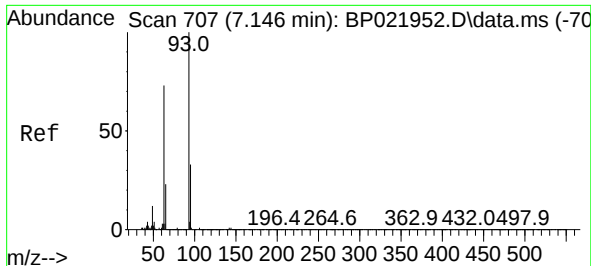
Tgt Ion: 77 Resp: 40443
Ion Ratio Lower Upper
77 100
105 95.6 76.1 116.1
106 93.8 69.9 109.9



#10
Phenol
Concen: 10.177 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 94 Resp: 51049
Ion Ratio Lower Upper
94 100
65 34.8 12.5 52.5
66 57.9 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 10.661 ng

RT: 7.146 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

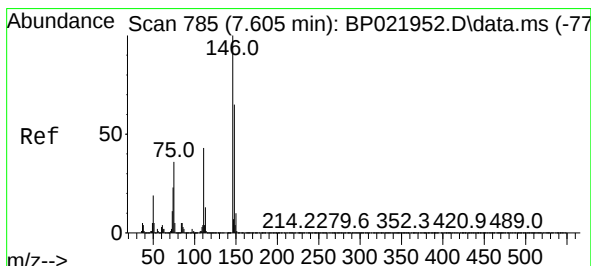
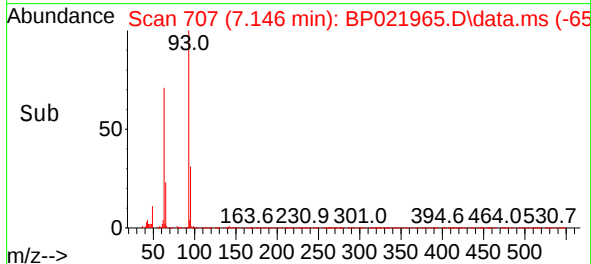
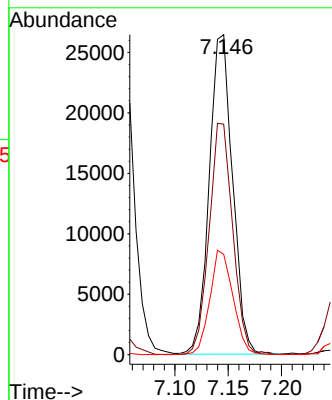
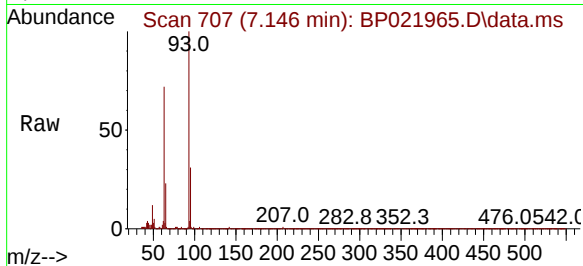
Tgt Ion: 93 Resp: 40282

Ion Ratio Lower Upper

93 100

63 72.0 53.0 93.0

95 31.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 10.446 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

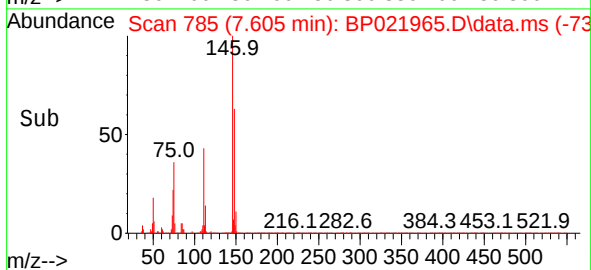
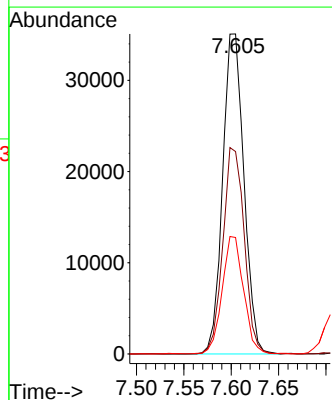
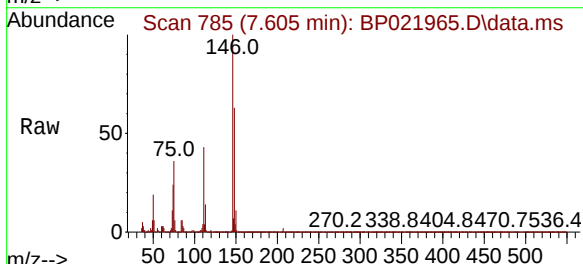
Tgt Ion:146 Resp: 54860

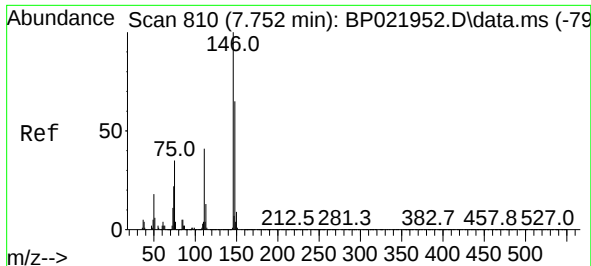
Ion Ratio Lower Upper

146 100

148 63.2 52.3 78.5

75 36.4 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 10.348 ng

RT: 7.746 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

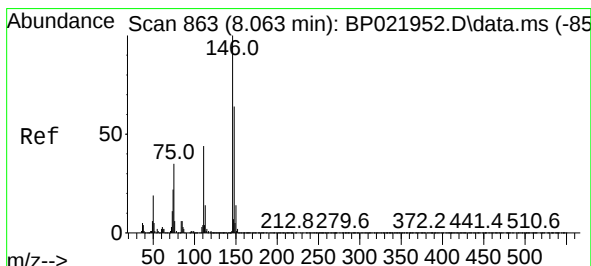
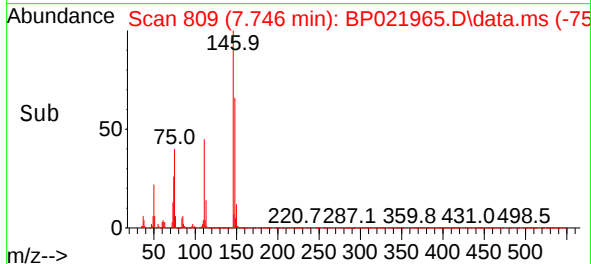
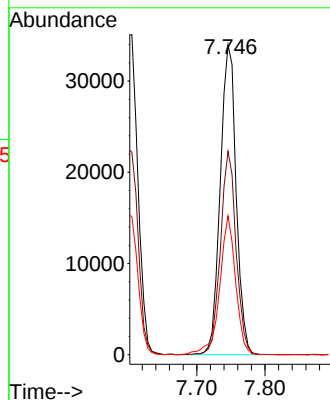
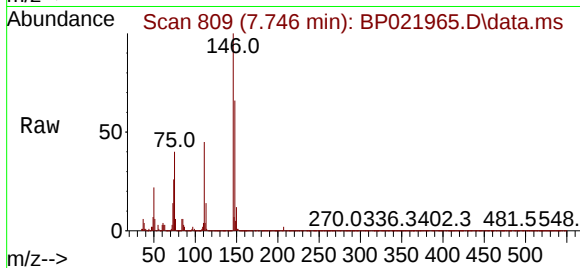
Tgt Ion:146 Resp: 55116

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

111 44.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.284 ng

RT: 8.058 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

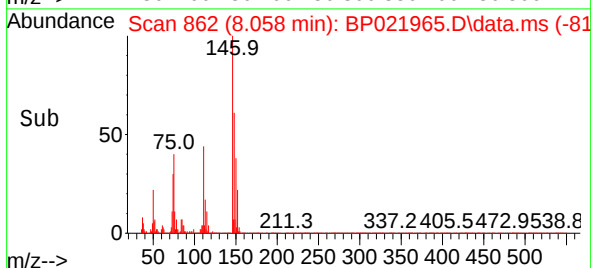
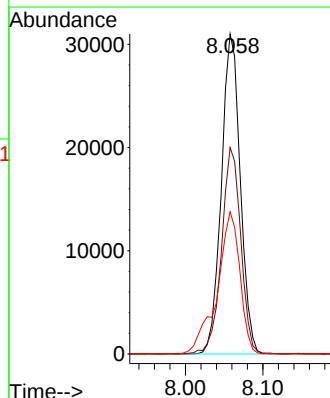
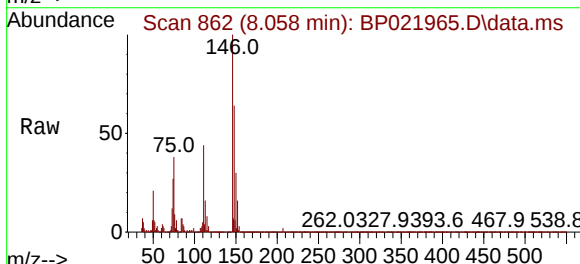
Tgt Ion:146 Resp: 52569

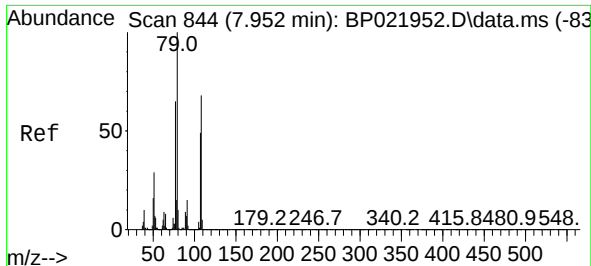
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 44.4 35.6 53.4

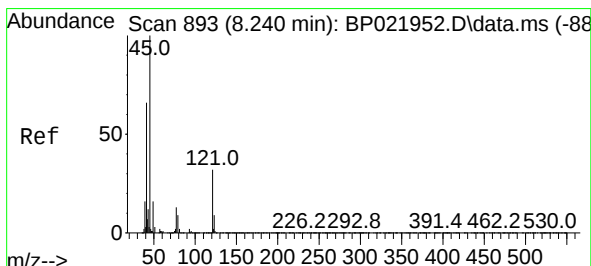
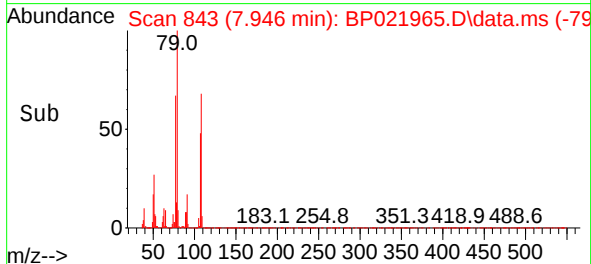
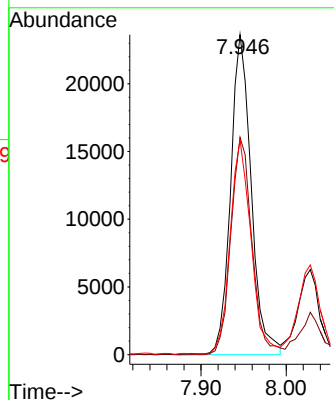
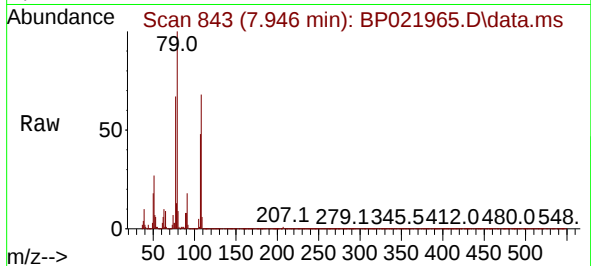




#15
Benzyl Alcohol
Concen: 10.232 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

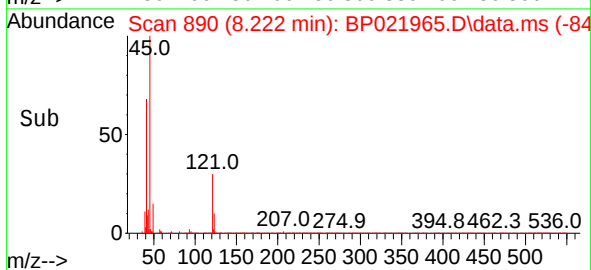
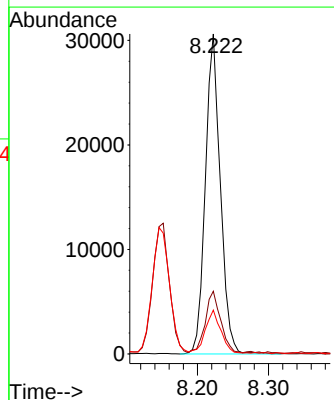
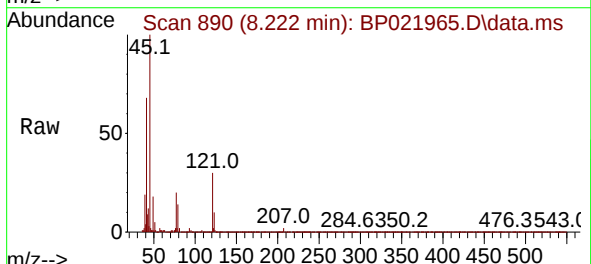
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

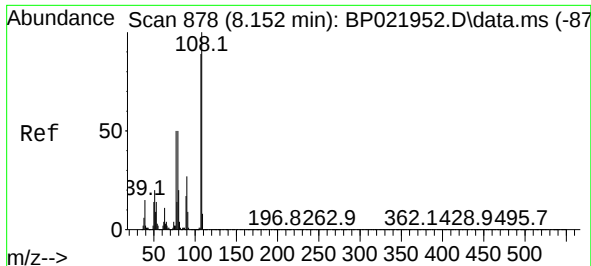
Tgt Ion: 79 Resp: 39629
Ion Ratio Lower Upper
79 100
108 67.9 54.7 82.1
77 67.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.149 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 45 Resp: 44928
Ion Ratio Lower Upper
45 100
77 19.6 0.0 39.5
79 13.7 0.0 34.9

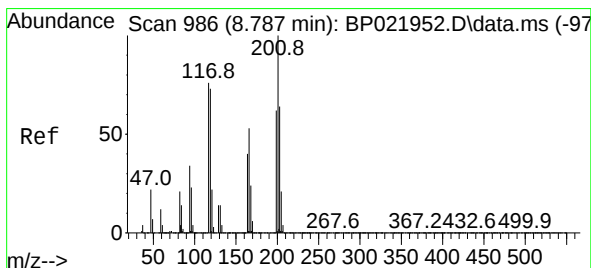
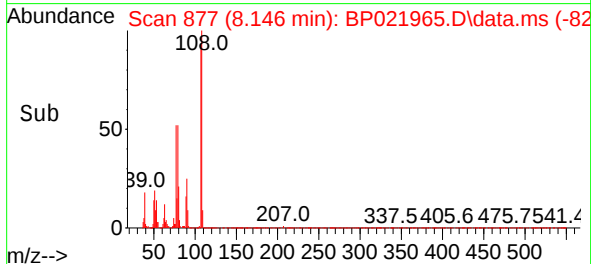
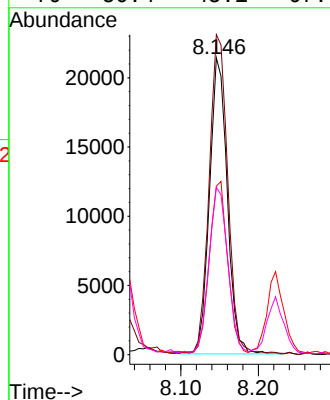
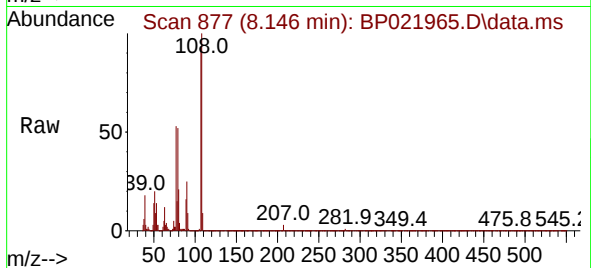




#17
2-Methylphenol
Concen: 10.050 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

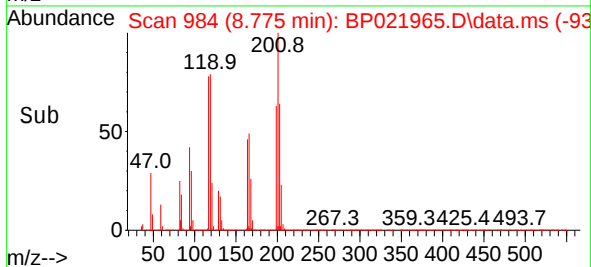
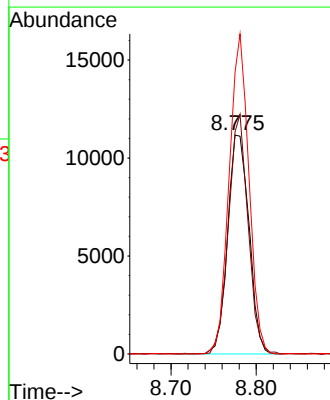
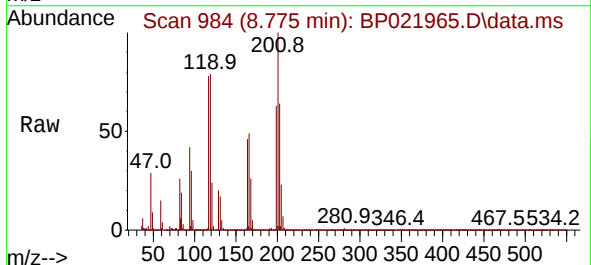
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

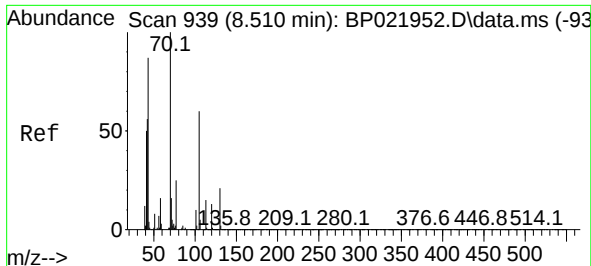
Tgt Ion:	107	Resp:	34055
Ion	Ratio	Lower	Upper
107	100		
108	107.8	90.3	135.5
77	56.8	45.1	67.7
79	56.4	45.1	67.7



#18
Hexachloroethane
Concen: 9.946 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	117	Resp:	19478
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.0	115.4
201	128.7	105.6	158.4



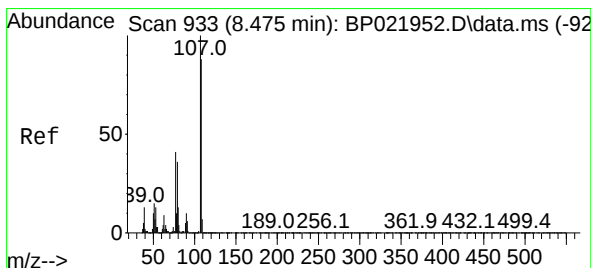
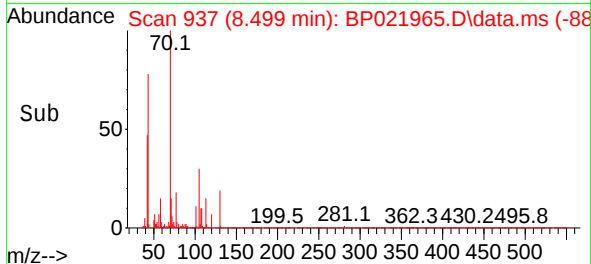
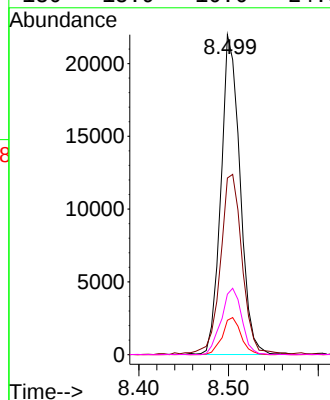
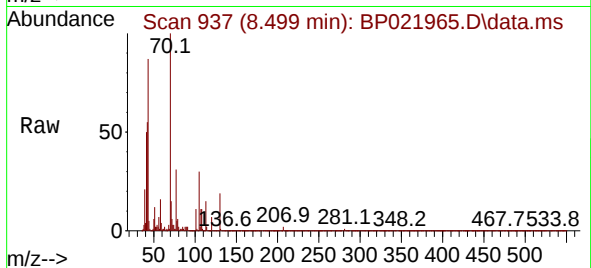


#19
n-Nitroso-di-n-propylamine
Concen: 10.343 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 70 Resp: 32466

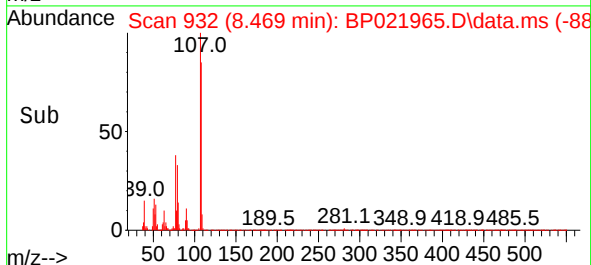
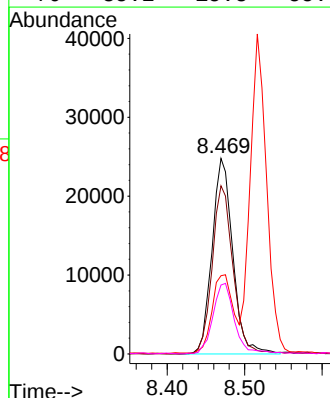
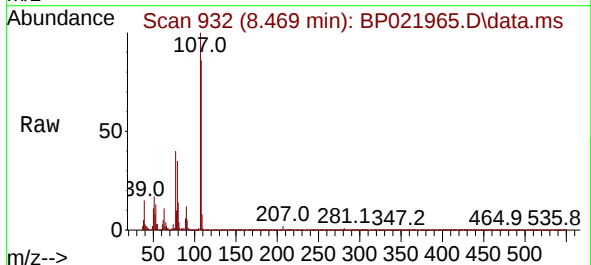
Ion	Ratio	Lower	Upper
70	100		
42	55.2	45.2	67.8
101	10.8	7.8	11.6
130	18.9	16.6	24.8

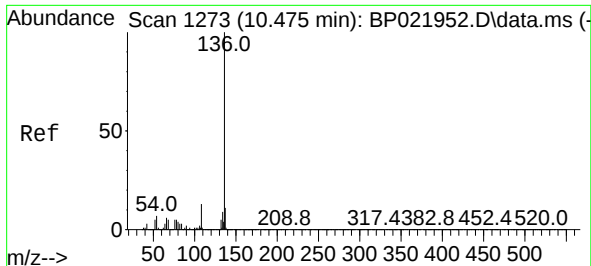


#20
3+4-Methylphenols
Concen: 9.607 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 107 Resp: 45957

Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.3	108.3
77	40.0	20.6	60.6
79	35.2	15.8	55.8

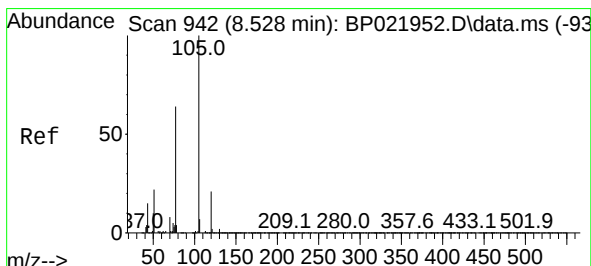
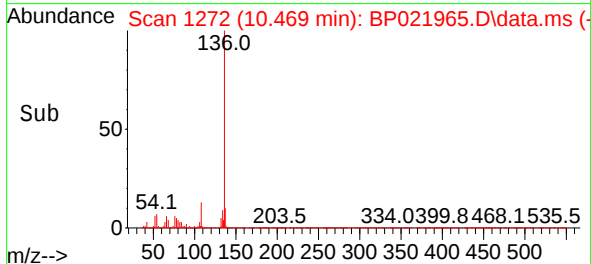
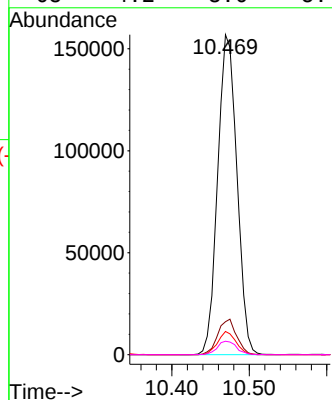
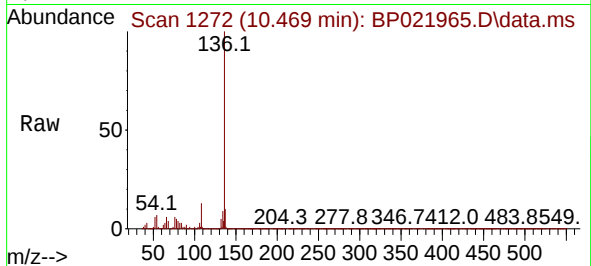




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

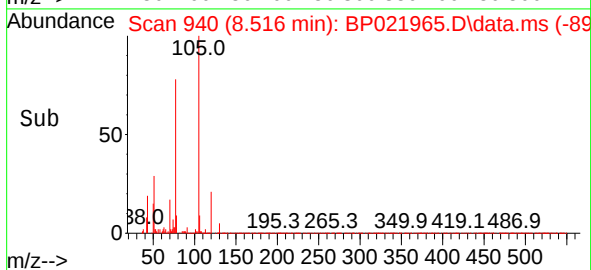
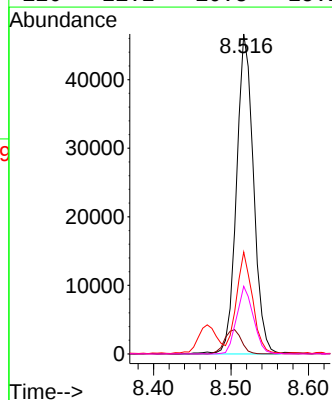
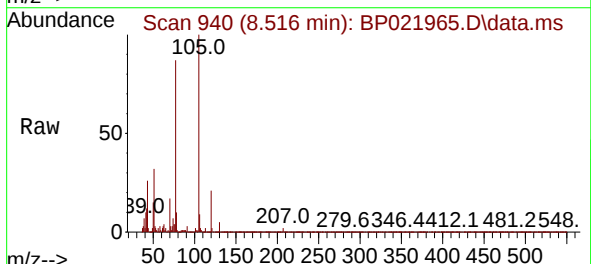
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

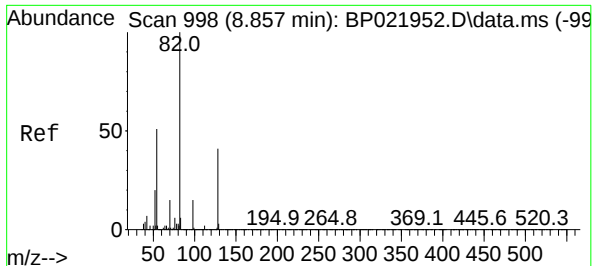
Tgt Ion:	136	Resp:	271811
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.3	5.5	8.3
68	4.2	3.6	5.4



#22
Acetophenone
Concen: 10.729 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	105	Resp:	71139
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.4	2.0
51	31.9	22.1	33.1
120	21.2	16.8	25.2





#23

Nitrobenzene-d5

Concen: 88.269 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

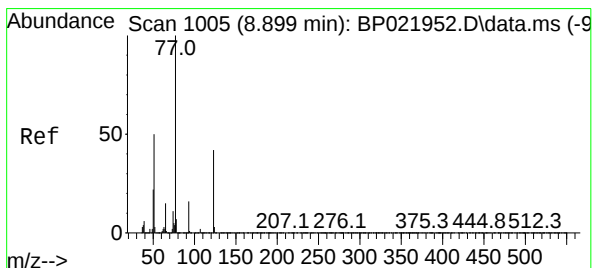
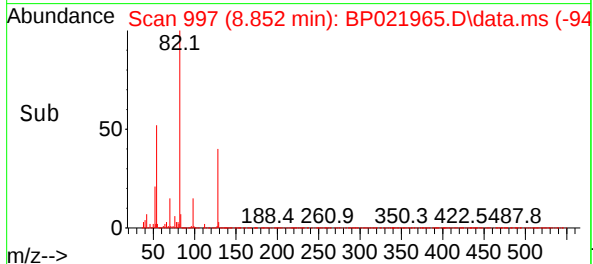
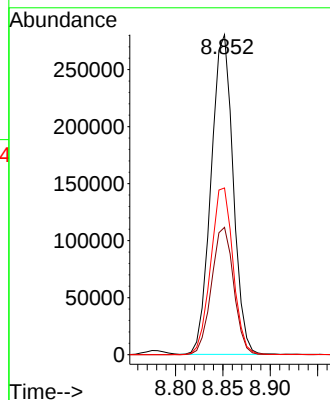
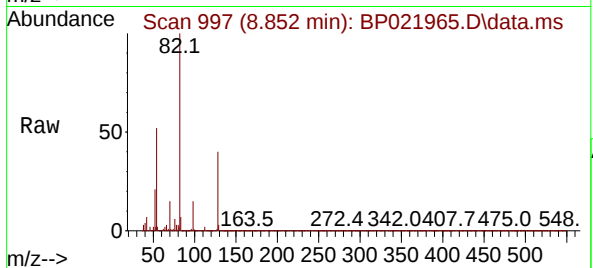
Tgt Ion: 82 Resp: 453428

Ion Ratio Lower Upper

82 100

128 39.8 33.1 49.7

54 52.1 40.3 60.5



#24

Nitrobenzene

Concen: 10.607 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

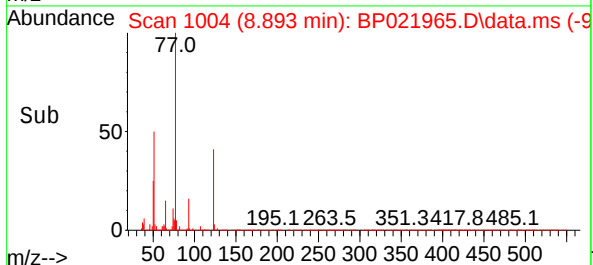
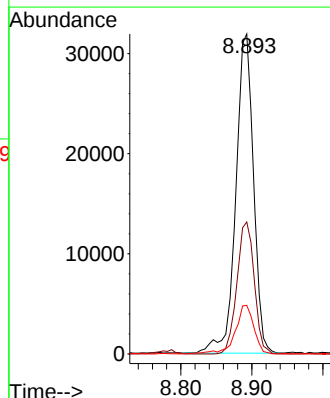
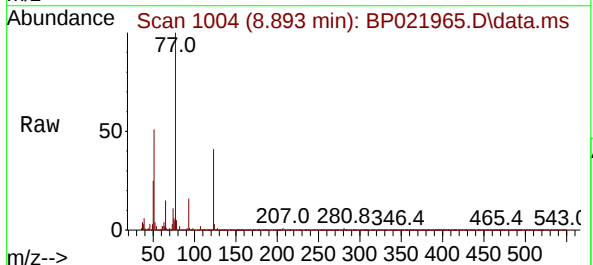
Tgt Ion: 77 Resp: 55335

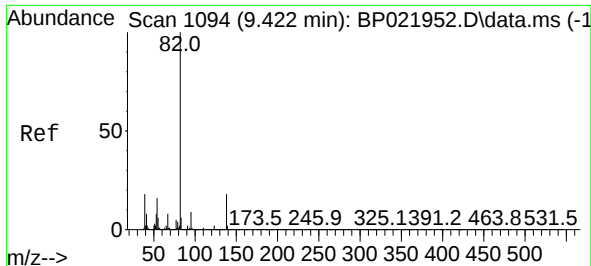
Ion Ratio Lower Upper

77 100

123 41.3 33.9 50.9

65 15.2 12.0 18.0

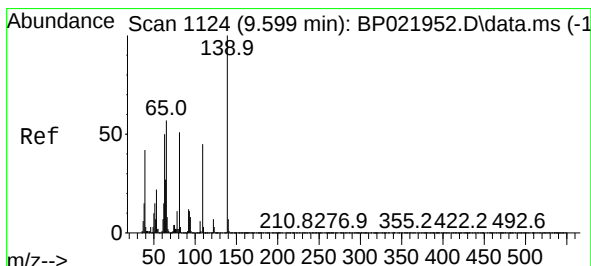
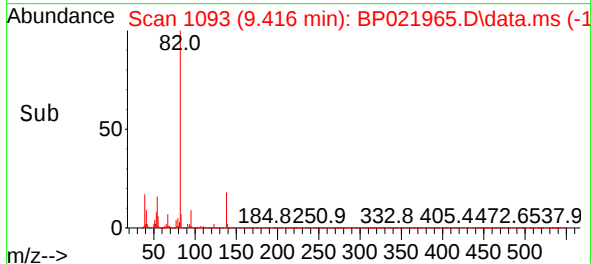
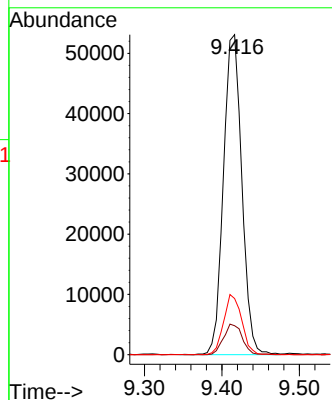
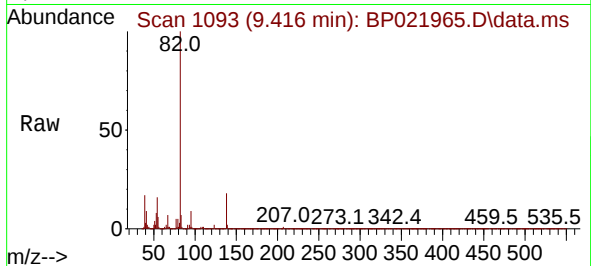




#25
Isophorone
Concen: 10.353 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

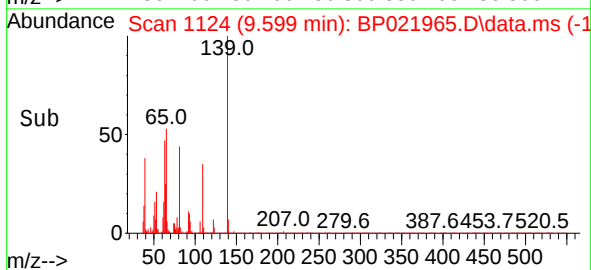
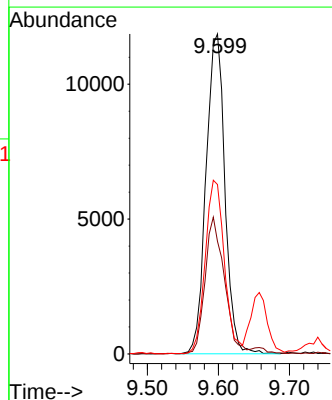
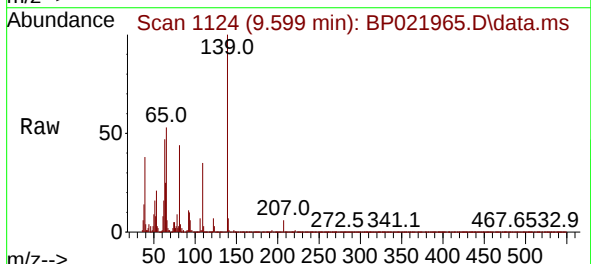
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

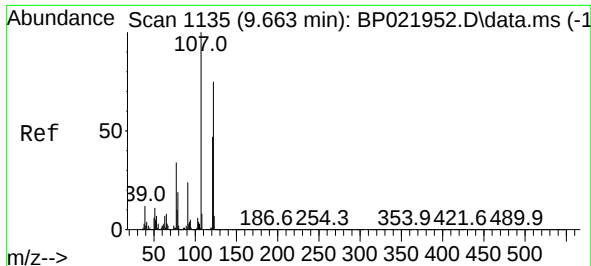
Tgt Ion: 82 Resp: 87678
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.6
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 9.602 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 139 Resp: 21902
Ion Ratio Lower Upper
139 100
109 35.2 36.0 54.0#
65 52.9 45.7 68.5

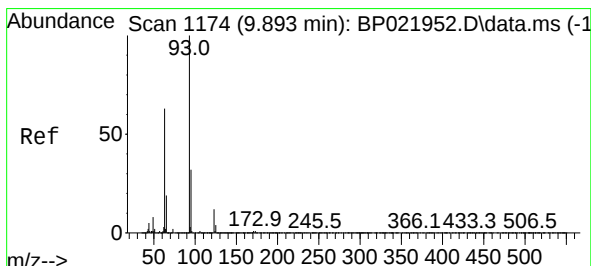
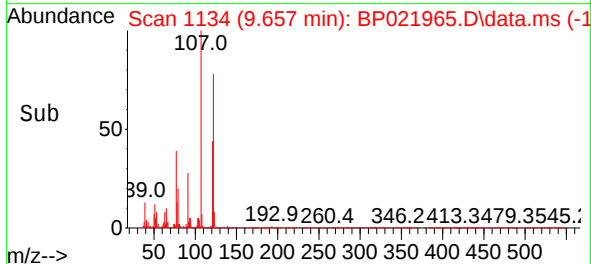
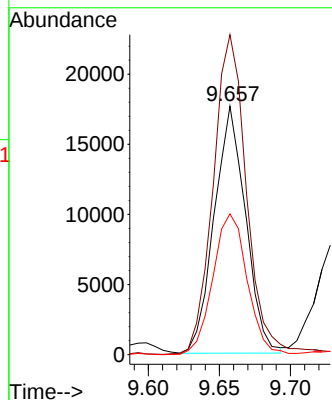
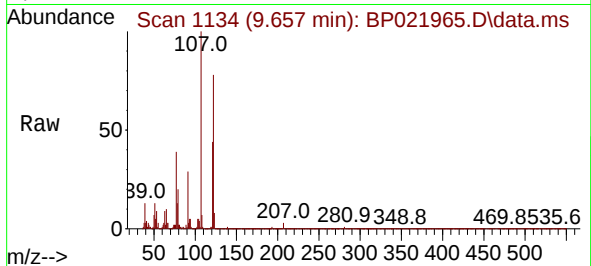




#27
2,4-Dimethylphenol
Concen: 10.254 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

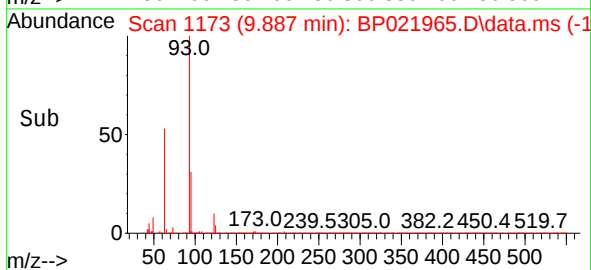
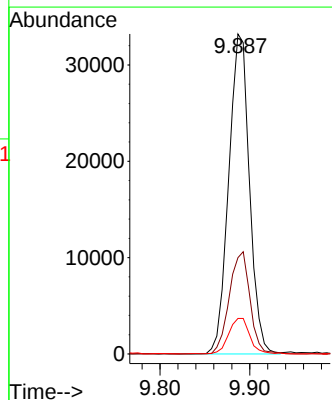
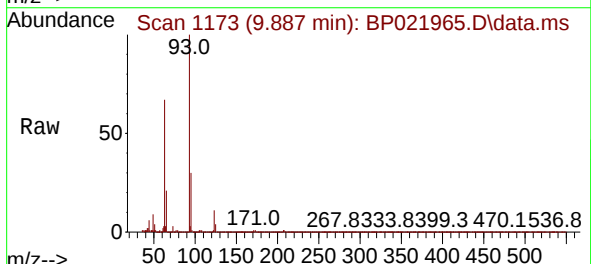
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

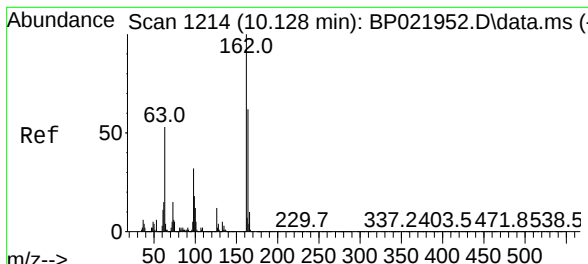
Tgt Ion:122 Resp: 27083
Ion Ratio Lower Upper
122 100
107 128.8 106.1 159.1
121 56.7 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 10.469 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 93 Resp: 53163
Ion Ratio Lower Upper
93 100
95 30.1 25.7 38.5
123 11.1 9.4 14.0

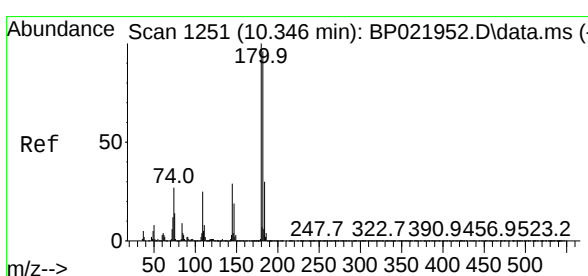
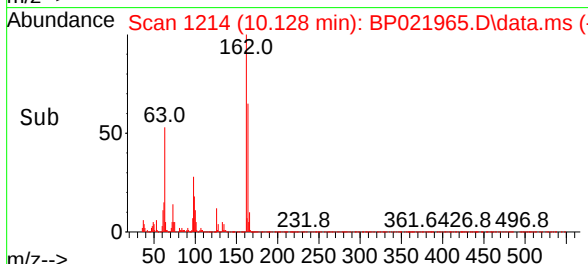
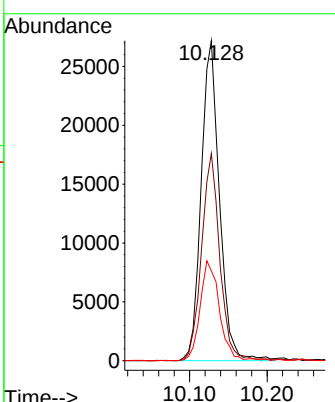
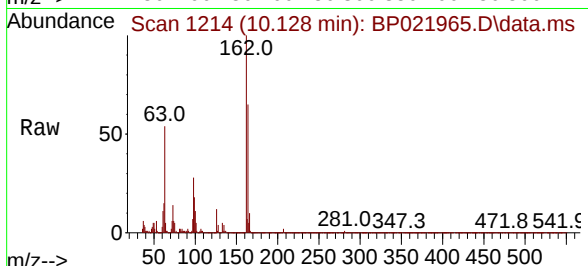




#29
2,4-Dichlorophenol
Concen: 9.907 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

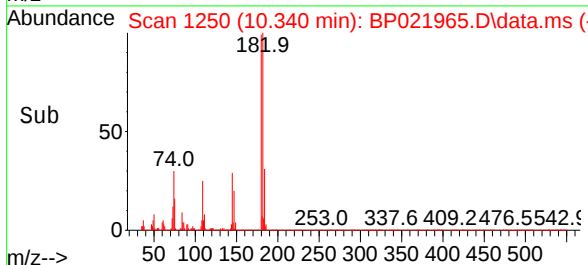
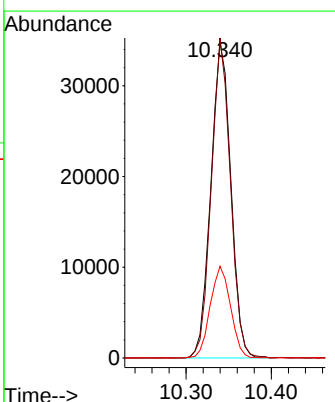
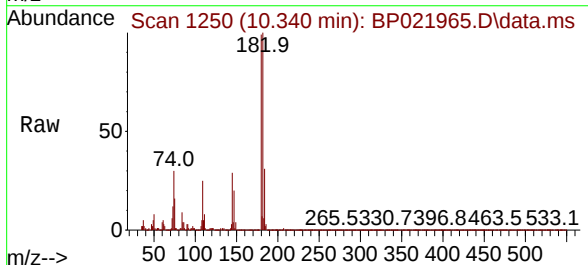
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

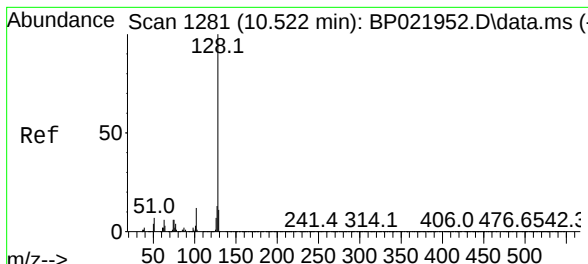
Tgt Ion:	162	Resp:	44414
Ion Ratio	Lower	Upper	
162	100		
164	64.8	41.7	81.7
98	28.1	12.4	52.4



#30
1,2,4-Trichlorobenzene
Concen: 10.178 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	180	Resp:	56834
Ion Ratio	Lower	Upper	
180	100		
182	101.3	77.0	115.4
145	29.0	23.0	34.6

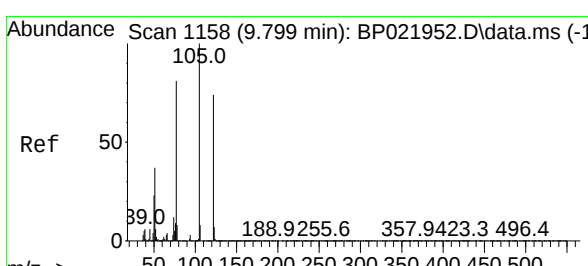
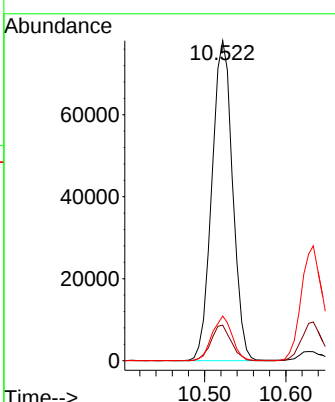
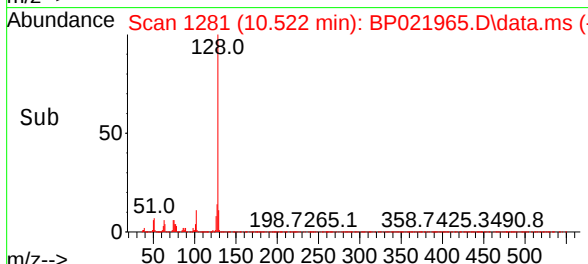
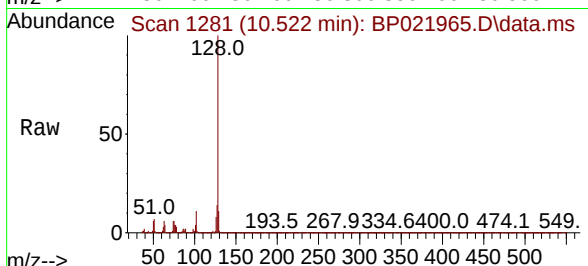




#31
Naphthalene
Concen: 10.218 ng
RT: 10.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

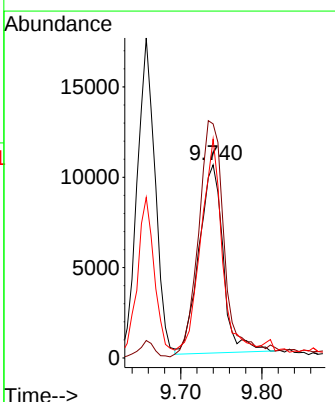
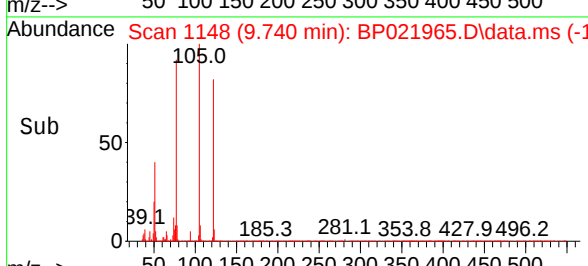
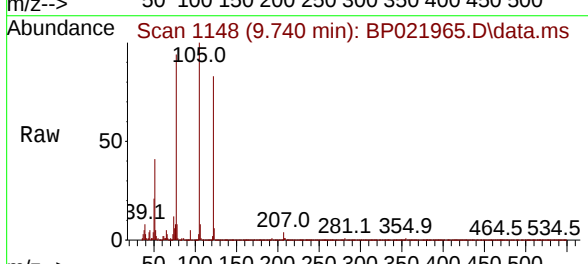
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

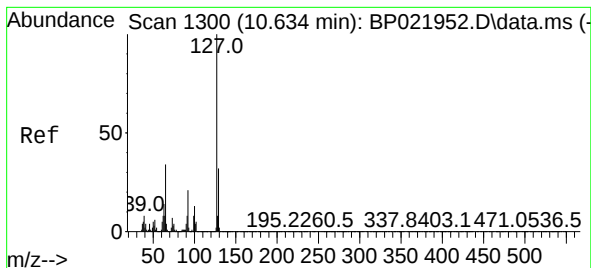
Tgt Ion:	128	Resp:	138587
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.9	10.6	15.8



#32
Benzoic acid
Concen: 6.977 ng
RT: 9.740 min Scan# 1148
Delta R.T. -0.059 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	122	Resp:	21544
Ion Ratio	Lower	Upper	
122	100		
105	121.2	111.3	151.3
77	113.3	86.7	126.7





#33

4-Chloroaniline

Concen: 10.891 ng

RT: 10.634 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:127 Resp: 53279

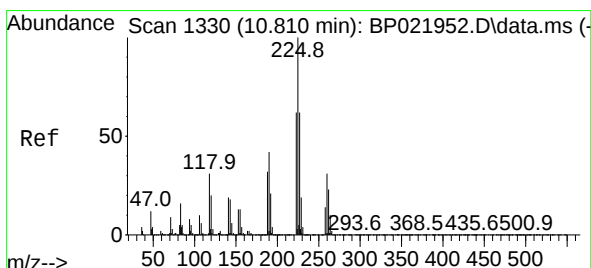
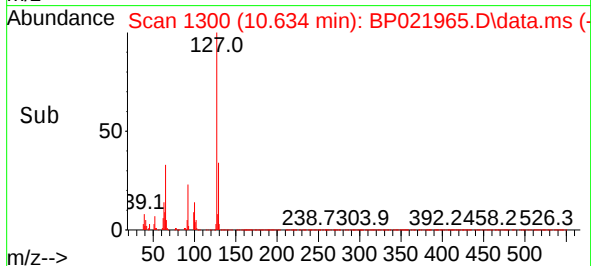
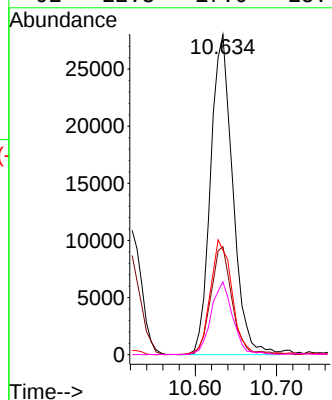
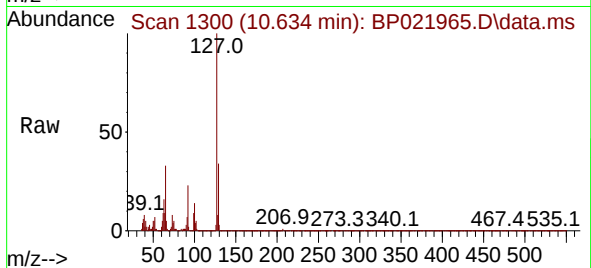
Ion Ratio Lower Upper

127 100

129 33.7 25.4 38.0

65 32.7 27.4 41.2

92 22.8 17.0 25.4



#34

Hexachlorobutadiene

Concen: 10.005 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

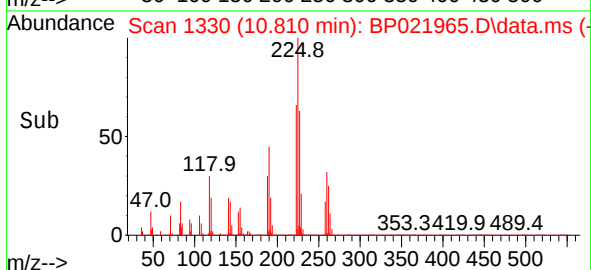
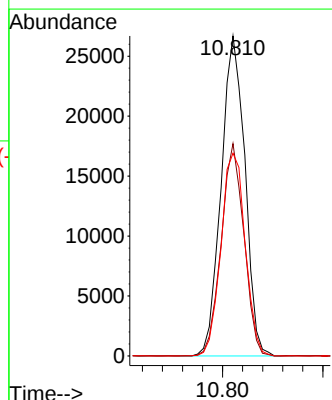
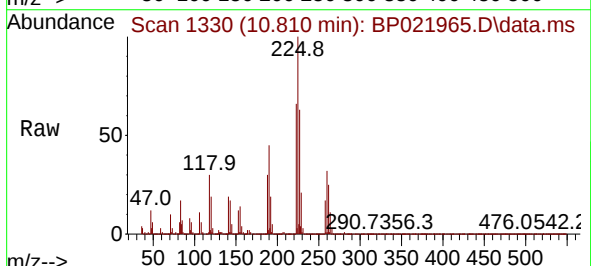
Tgt Ion:225 Resp: 43705

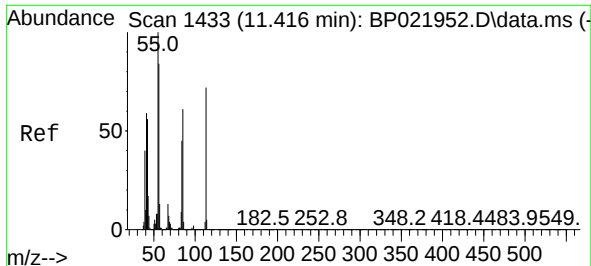
Ion Ratio Lower Upper

225 100

223 66.3 50.0 75.0

227 63.3 49.7 74.5

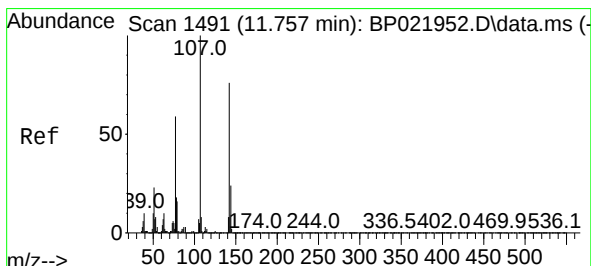
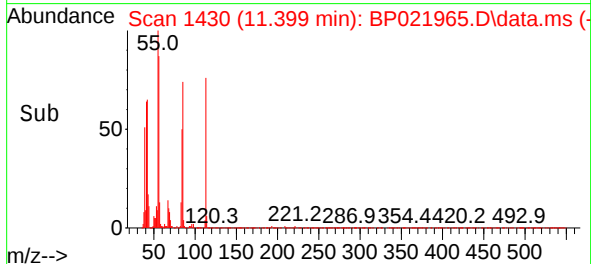
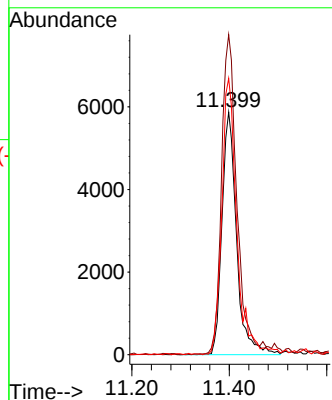
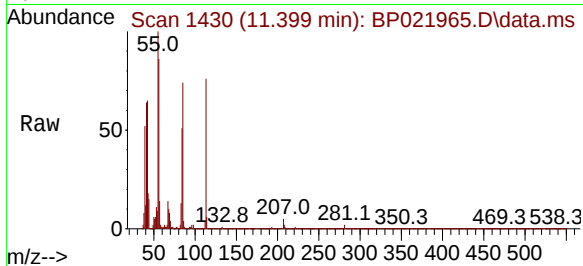




#35
Caprolactam
Concen: 9.174 ng
RT: 11.399 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

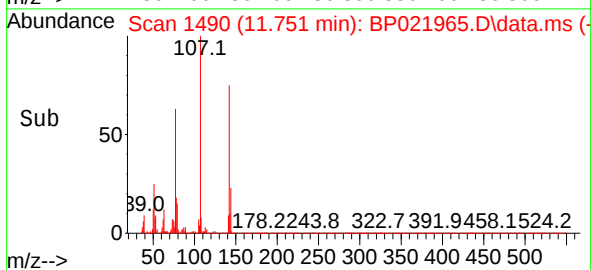
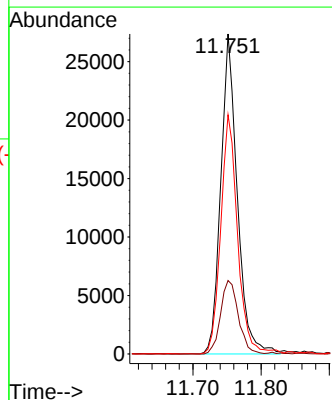
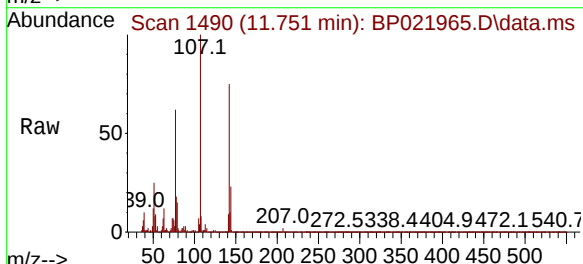
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

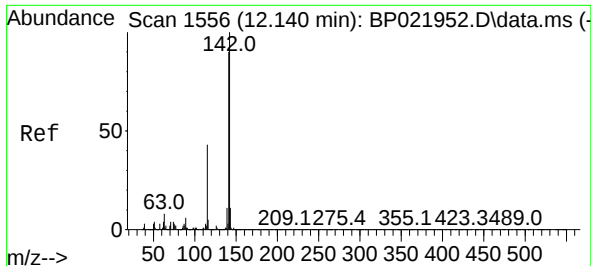
Tgt Ion:113 Resp: 12239
Ion Ratio Lower Upper
113 100
55 131.9 119.4 159.4
56 113.9 97.1 137.1



#36
4-Chloro-3-methylphenol
Concen: 9.581 ng
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:107 Resp: 46078
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 74.8 60.4 90.6

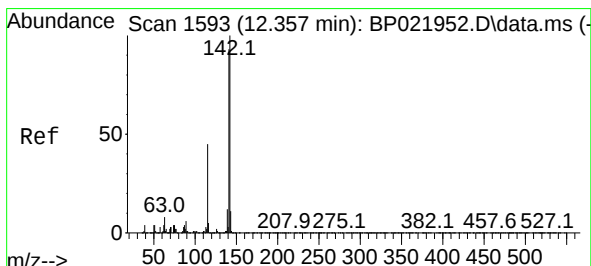
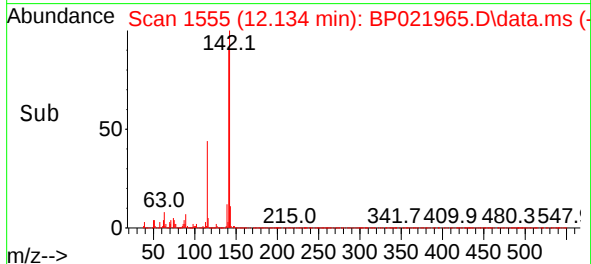
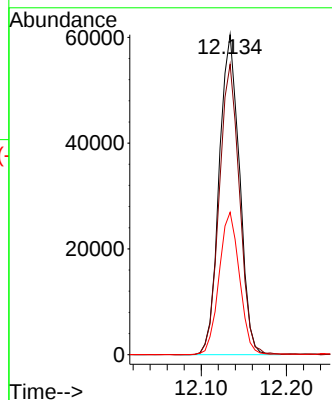
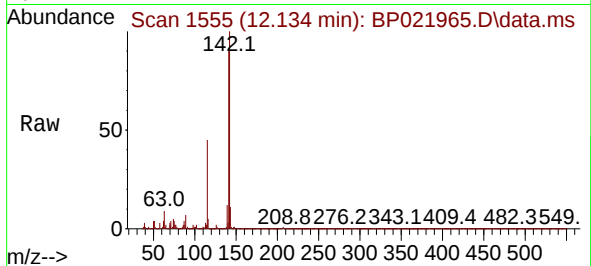




#37
2-Methylnaphthalene
Concen: 10.094 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

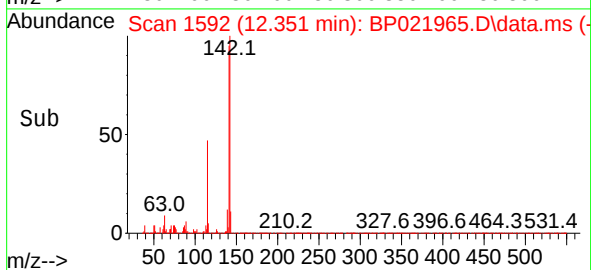
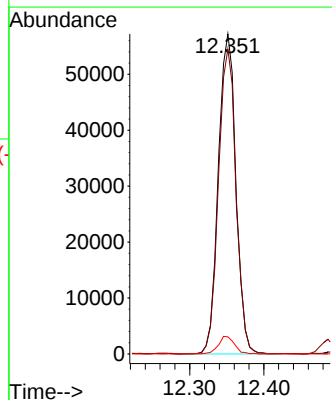
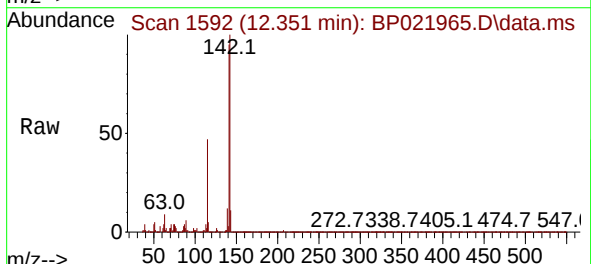
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

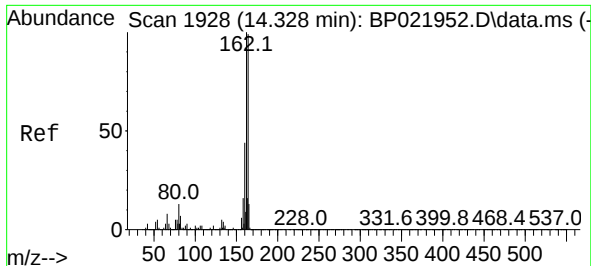
Tgt Ion:142 Resp: 100161
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 44.5 34.6 51.8



#38
1-Methylnaphthalene
Concen: 9.598 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:142 Resp: 94031
Ion Ratio Lower Upper
142 100
141 95.3 74.1 111.1
116 5.4 3.8 5.8

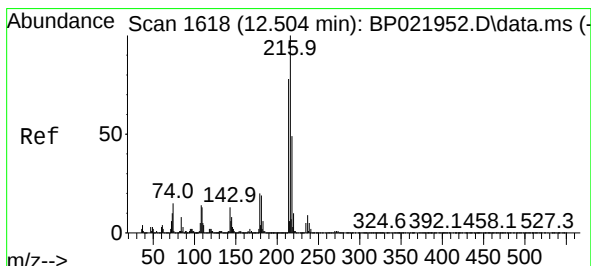
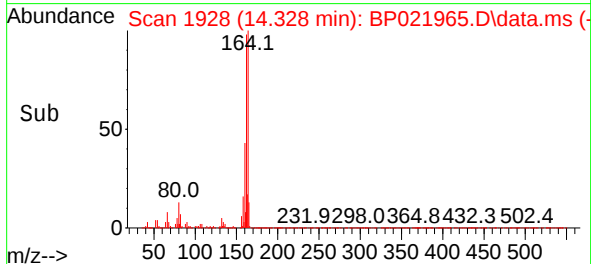
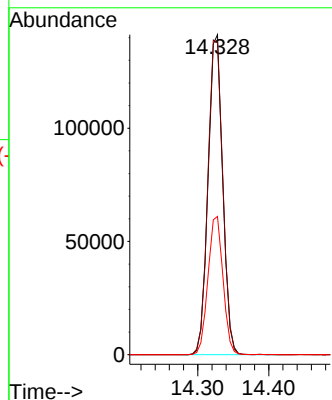
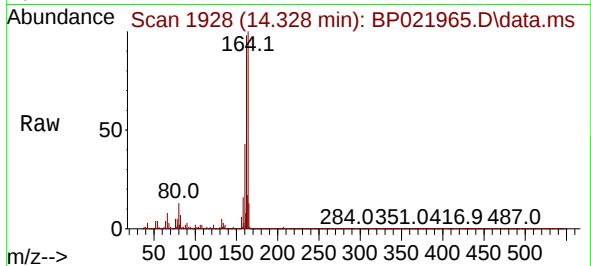




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

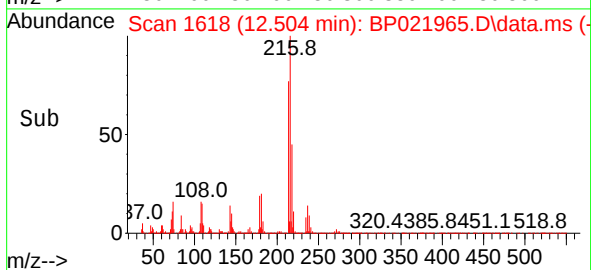
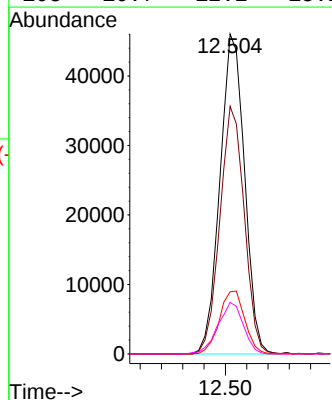
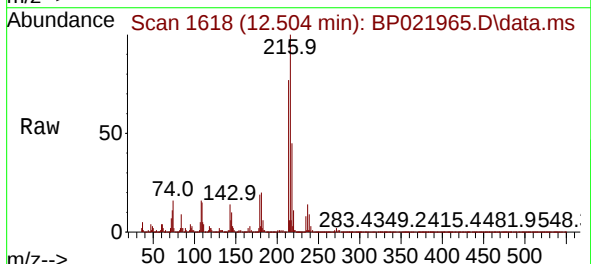
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

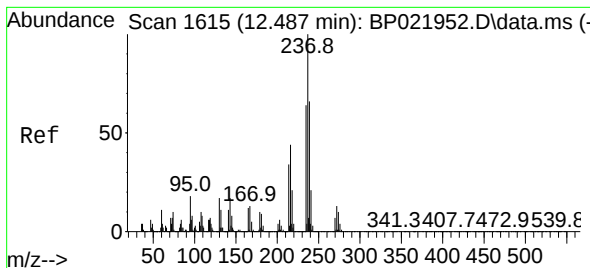
Tgt Ion:164 Resp: 201786
Ion Ratio Lower Upper
164 100
162 97.6 81.2 121.8
160 43.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.444 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:216 Resp: 73730
Ion Ratio Lower Upper
216 100
214 76.8 62.8 94.2
179 20.3 16.4 24.6
108 16.7 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 12.306 ng

RT: 12.487 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

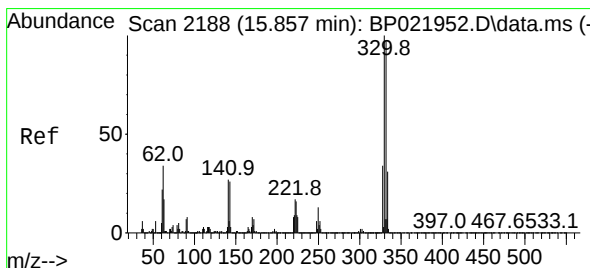
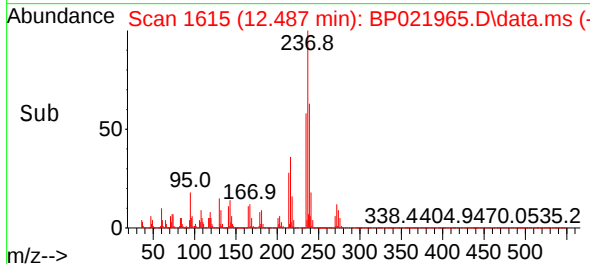
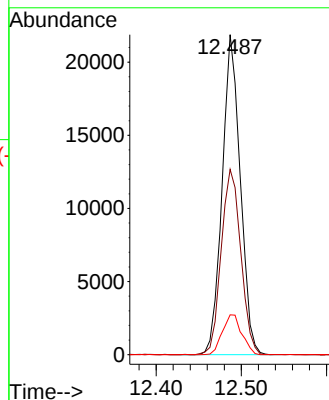
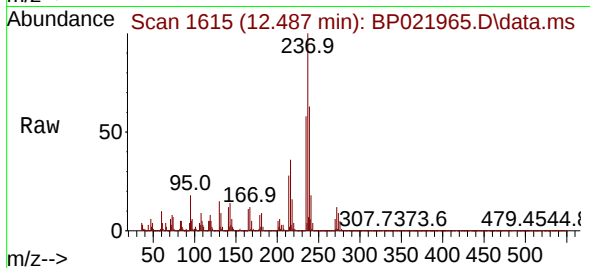
Tgt Ion:237 Resp: 32279

Ion Ratio Lower Upper

237 100

235 57.9 44.1 84.1

272 12.5 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 136.549 ng

RT: 15.834 min Scan# 2184

Delta R.T. -0.023 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

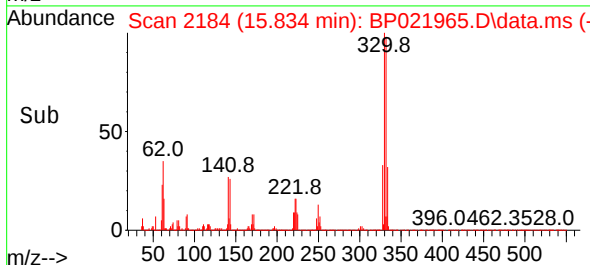
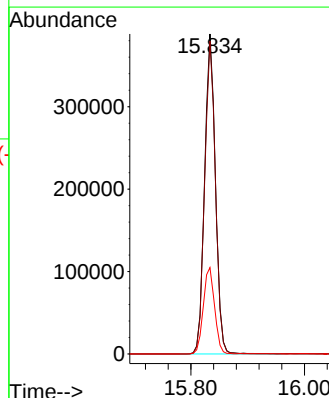
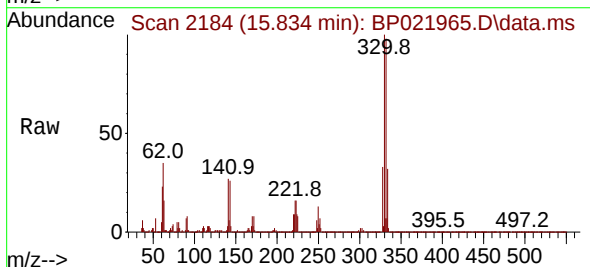
Tgt Ion:330 Resp: 510813

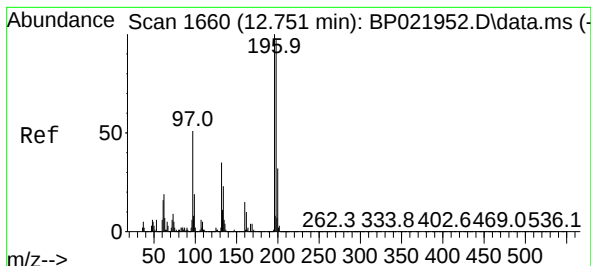
Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

141 28.2 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 9.882 ng

RT: 12.746 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

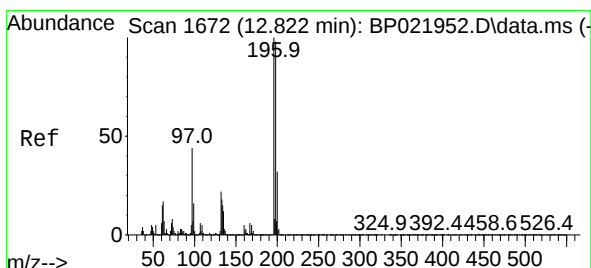
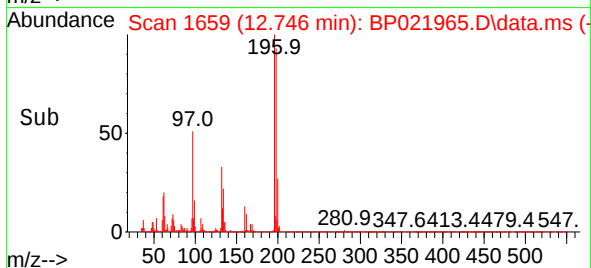
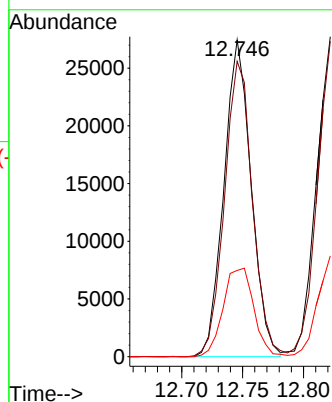
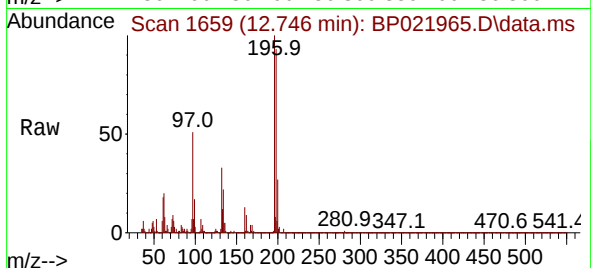
Tgt Ion:196 Resp: 42820

Ion Ratio Lower Upper

196 100

198 93.2 77.6 116.4

200 27.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 9.307 ng

RT: 12.822 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:196 Resp: 45239

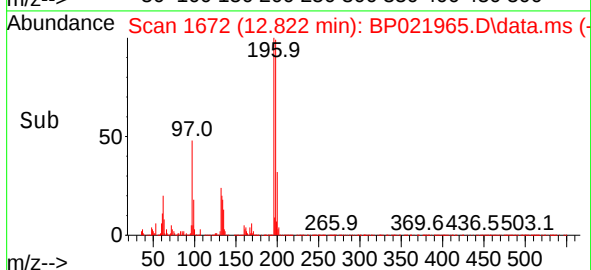
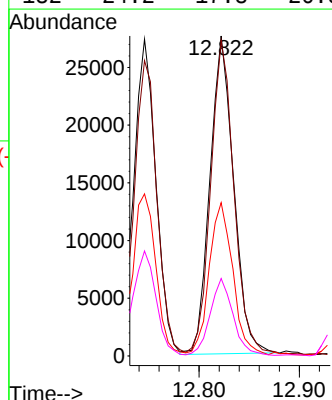
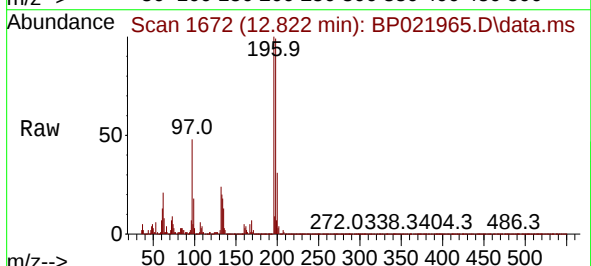
Ion Ratio Lower Upper

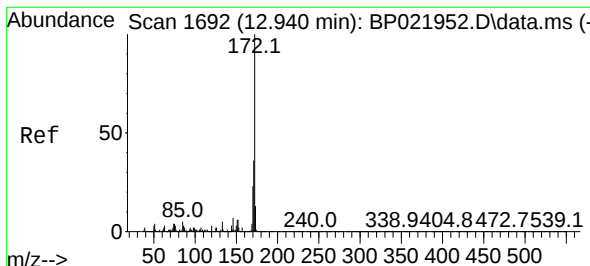
196 100

198 98.6 78.2 117.4

97 47.9 35.0 52.4

132 24.2 17.8 26.8

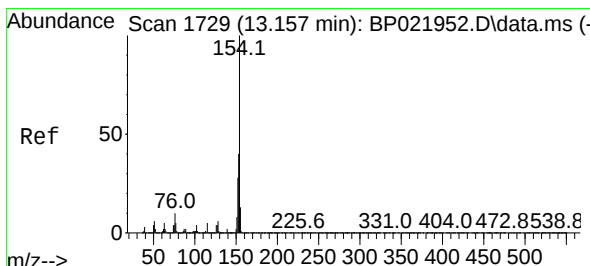
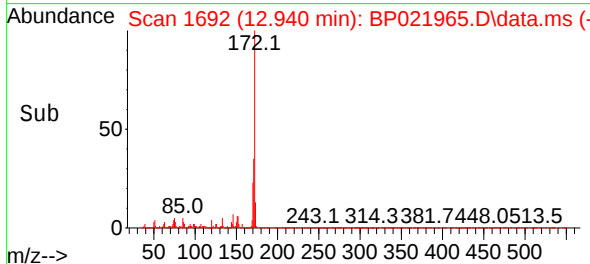
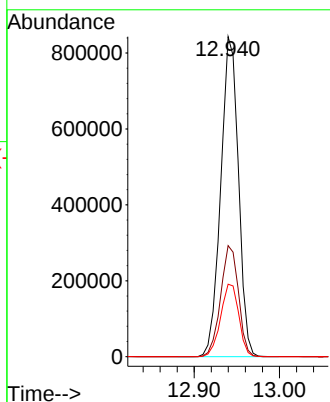
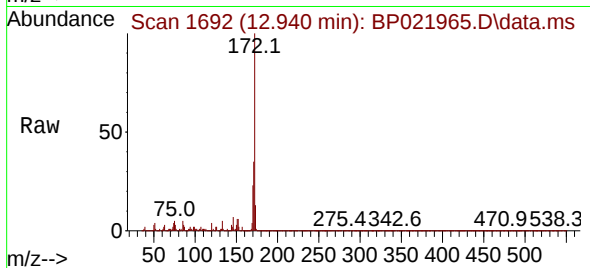




#45
2-Fluorobiphenyl
Concen: 87.882 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

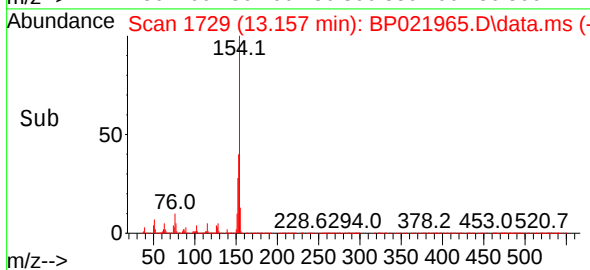
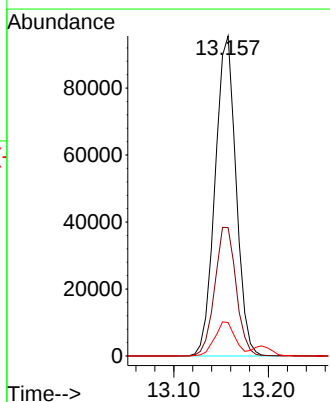
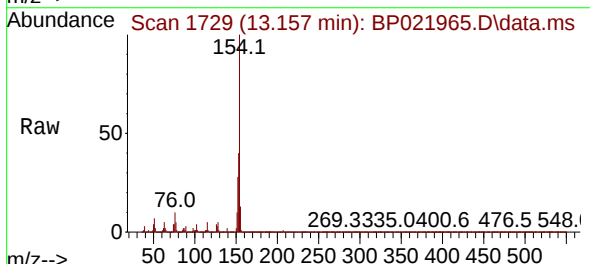
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

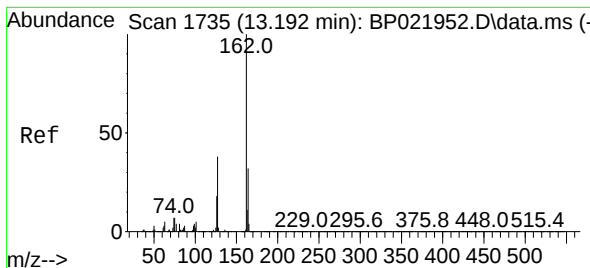
Tgt Ion:172 Resp: 1214808
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 10.670 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:154 Resp: 146806
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 10.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 10.235 ng

RT: 13.193 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

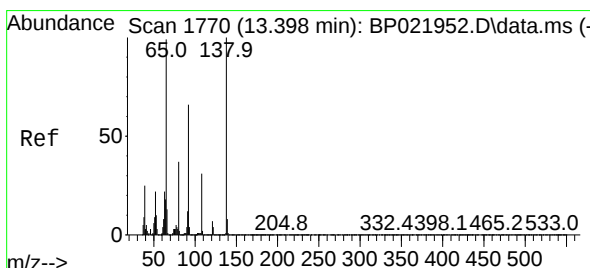
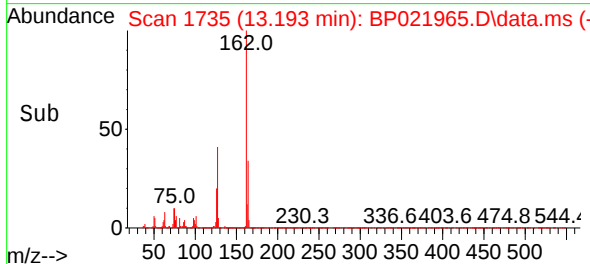
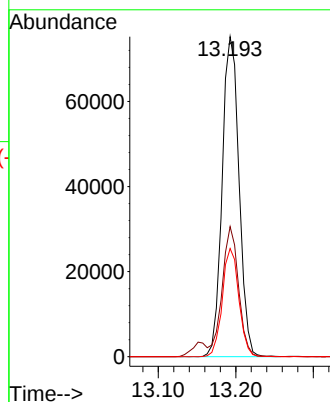
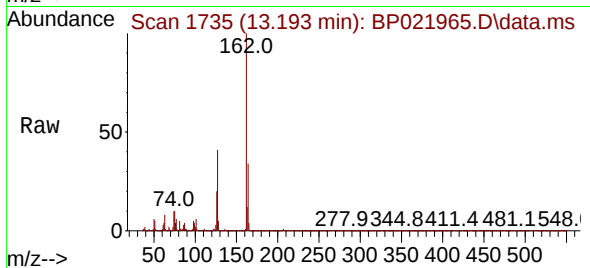
Tgt Ion:162 Resp: 113868

Ion Ratio Lower Upper

162 100

127 40.7 31.7 47.5

164 33.8 25.9 38.9



#48

2-Nitroaniline

Concen: 9.441 ng

RT: 13.393 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

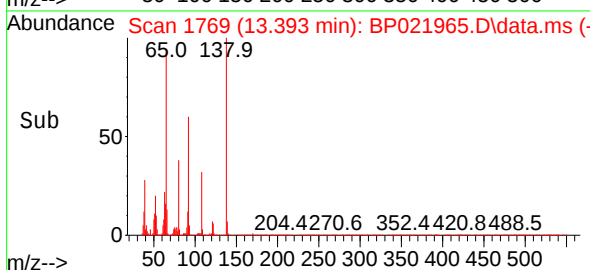
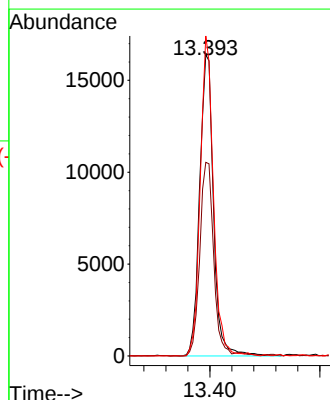
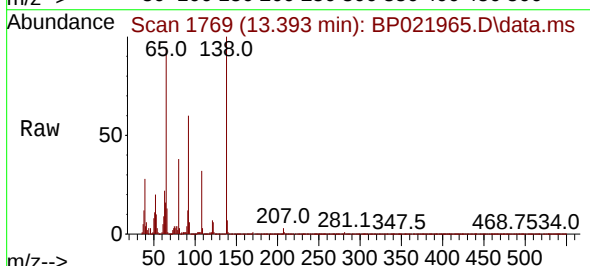
Tgt Ion: 65 Resp: 28681

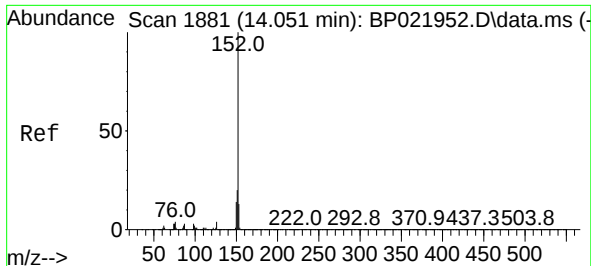
Ion Ratio Lower Upper

65 100

92 64.2 53.2 79.8

138 106.2 81.1 121.7

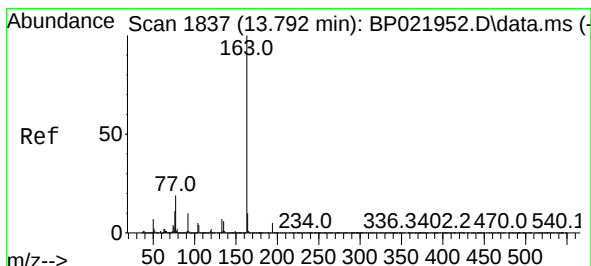
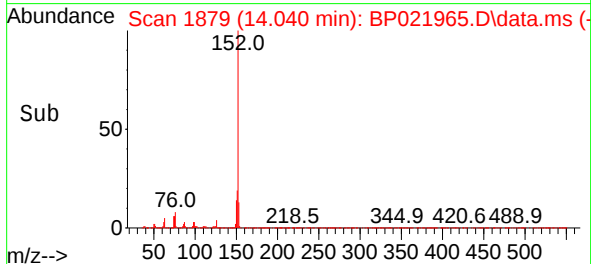
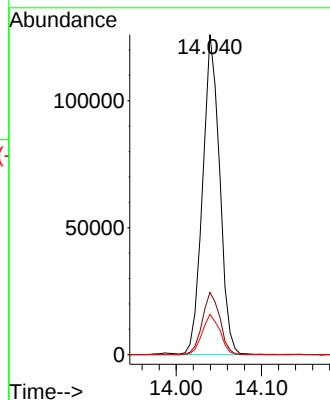
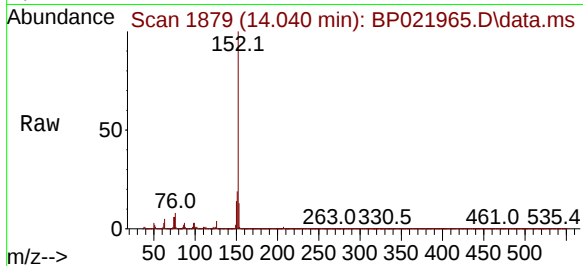




#49
Acenaphthylene
Concen: 11.094 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

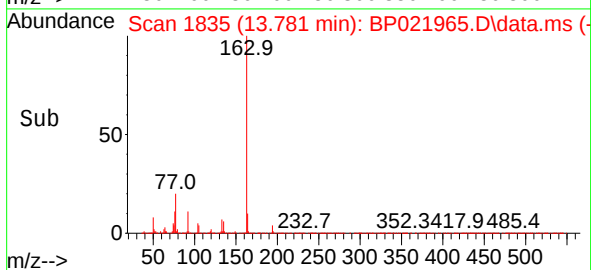
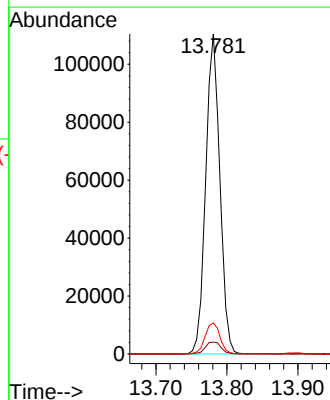
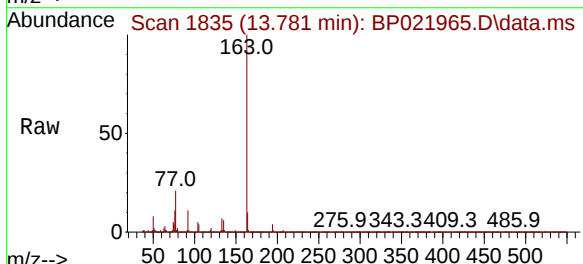
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

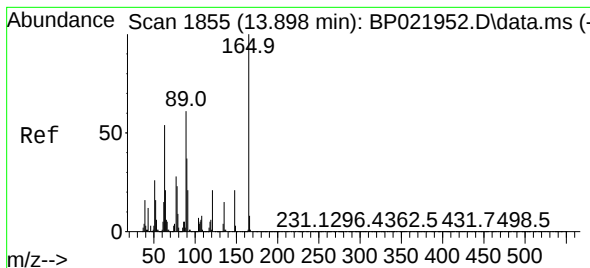
Tgt Ion:152 Resp: 174152
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 12.6 10.8 16.2



#50
Dimethylphthalate
Concen: 10.455 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:163 Resp: 153009
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.7 8.0 12.0

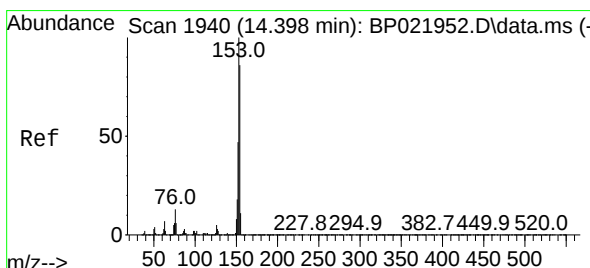
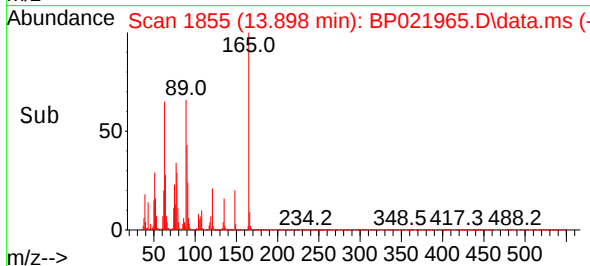
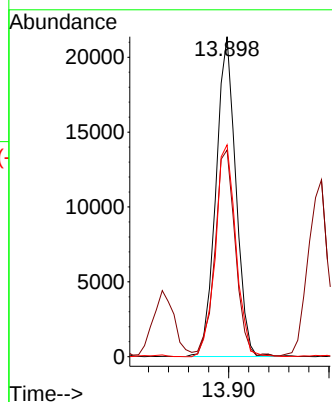
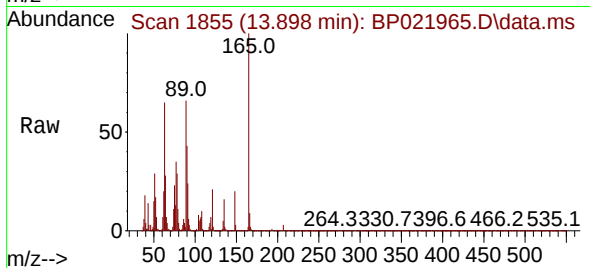




#51
2,6-Dinitrotoluene
Concen: 9.014 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

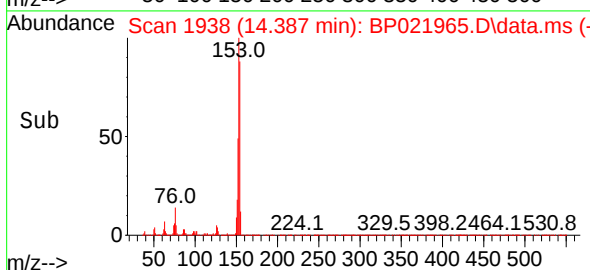
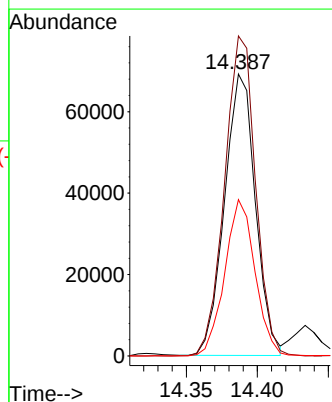
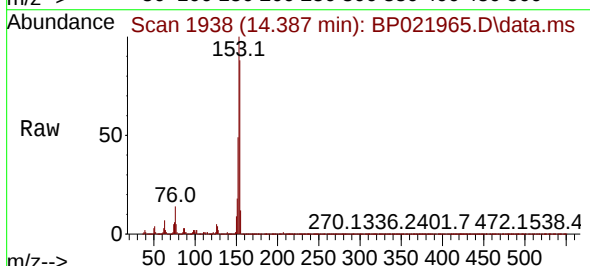
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

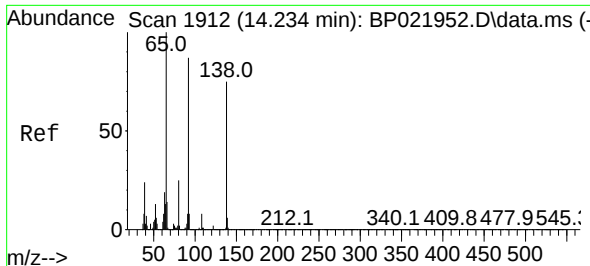
Tgt Ion:165 Resp: 29396
Ion Ratio Lower Upper
165 100
63 64.6 46.4 69.6
89 66.2 48.5 72.7



#52
Acenaphthene
Concen: 10.254 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:154 Resp: 104760
Ion Ratio Lower Upper
154 100
153 113.5 92.7 139.1
152 55.5 43.6 65.4

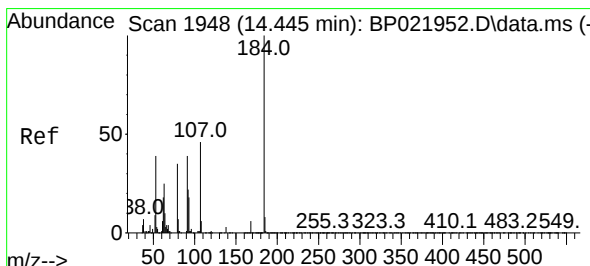
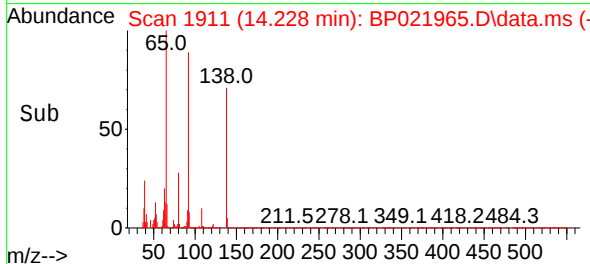
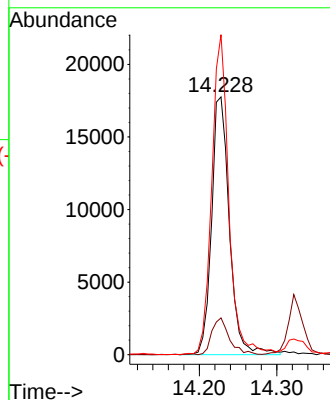
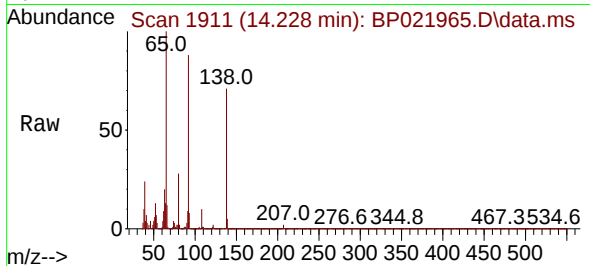




#53
3-Nitroaniline
Concen: 9.762 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

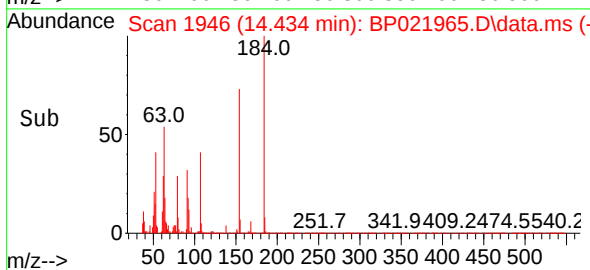
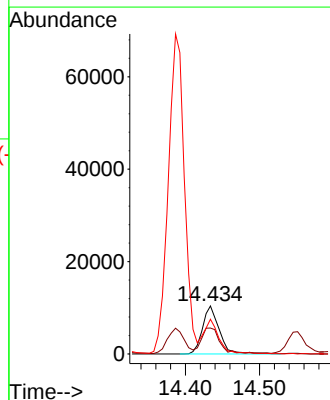
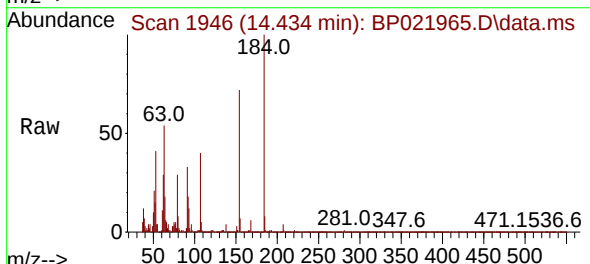
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

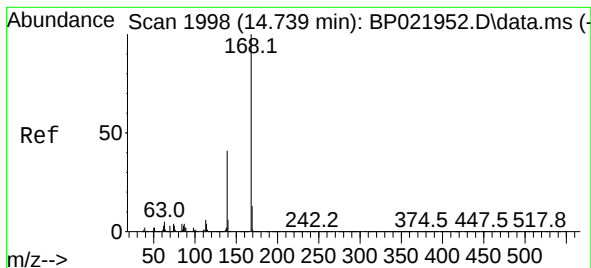
Tgt Ion:138 Resp: 28371
Ion Ratio Lower Upper
138 100
108 14.3 9.0 13.4#
92 124.1 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 8.536 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:184 Resp: 16311
Ion Ratio Lower Upper
184 100
63 54.2 49.0 73.6
154 72.4 58.1 87.1





#55

Dibenzenofuran

Concen: 10.850 ng

RT: 14.728 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

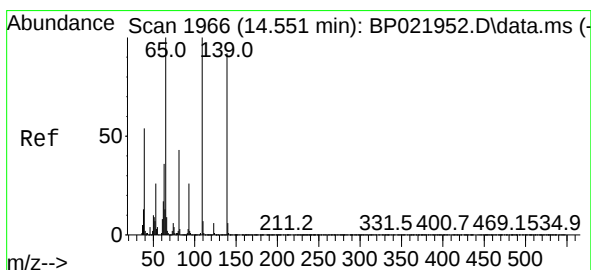
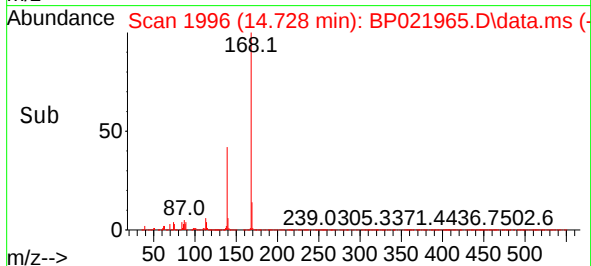
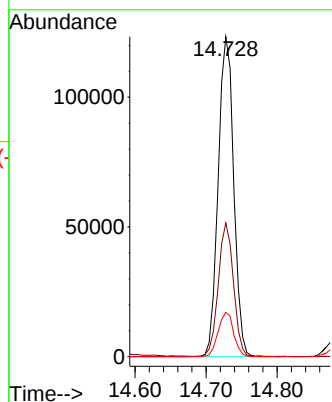
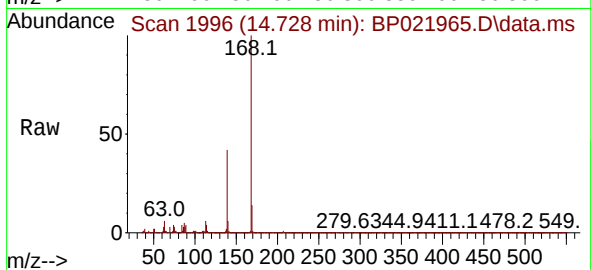
Tgt Ion:168 Resp: 186317

Ion Ratio Lower Upper

168 100

139 41.8 33.0 49.4

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 9.375 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

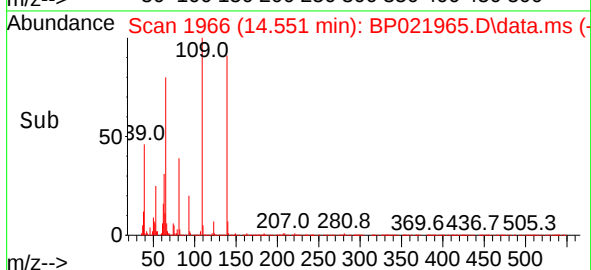
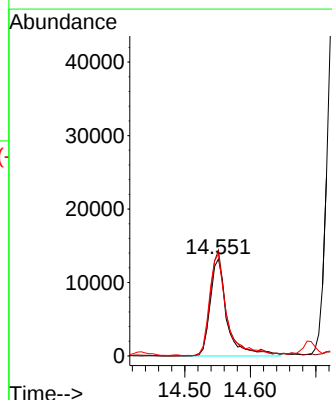
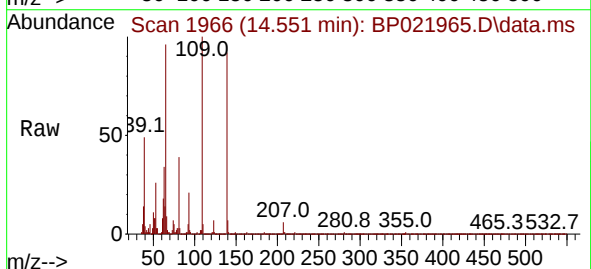
Tgt Ion:139 Resp: 23716

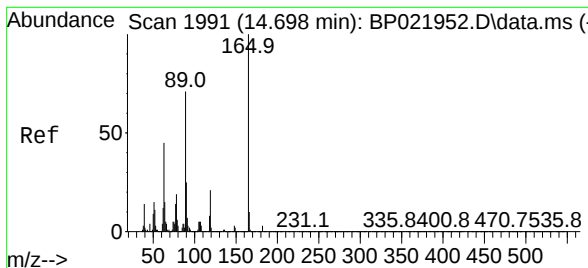
Ion Ratio Lower Upper

139 100

109 108.9 88.6 128.6

65 104.8 88.7 128.7





#57

2,4-Dinitrotoluene

Concen: 9.549 ng

RT: 14.692 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:165 Resp: 44024

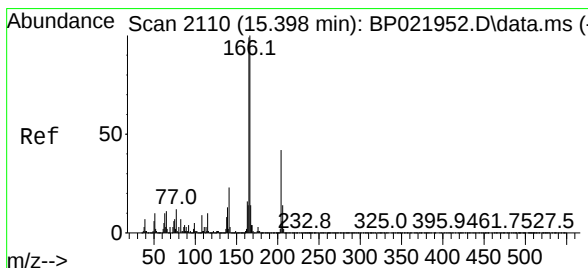
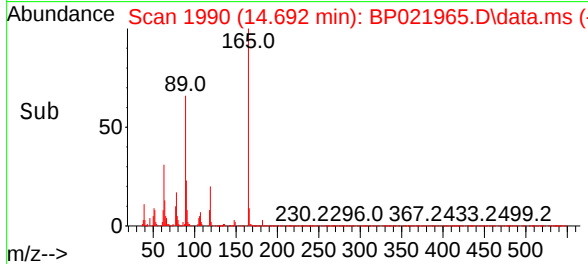
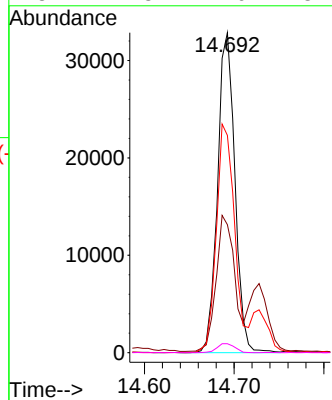
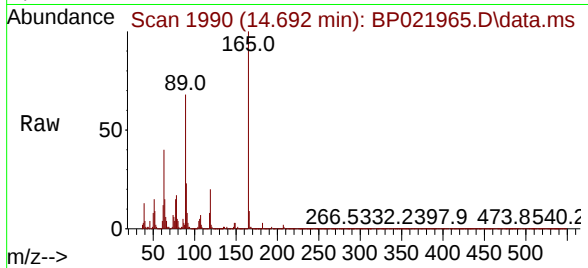
Ion Ratio Lower Upper

165 100

63 40.0 36.3 54.5

89 67.9 57.2 85.8

182 2.8 2.6 3.8



#58

Fluorene

Concen: 10.476 ng

RT: 15.387 min Scan# 2108

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

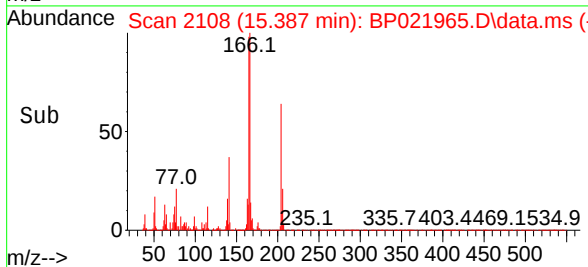
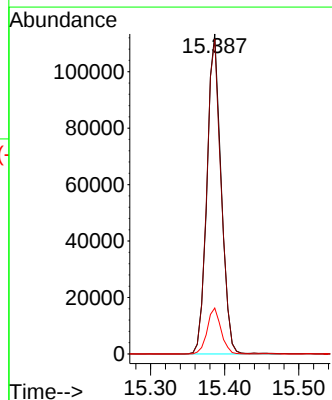
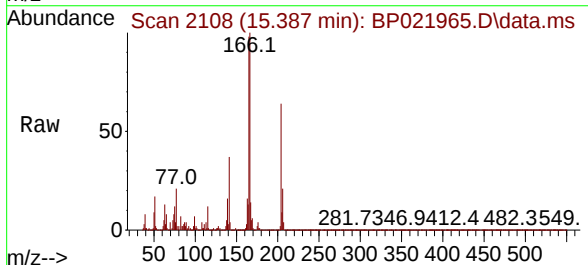
Tgt Ion:166 Resp: 150243

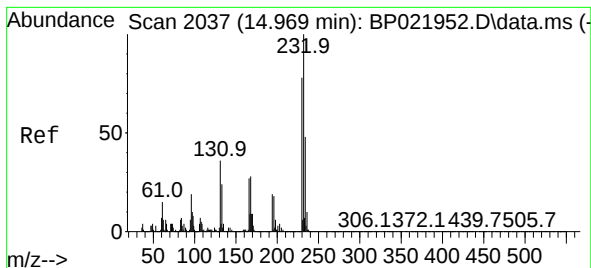
Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.2

167 14.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.458 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:232 Resp: 49061

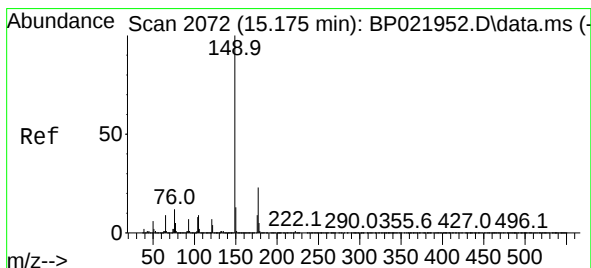
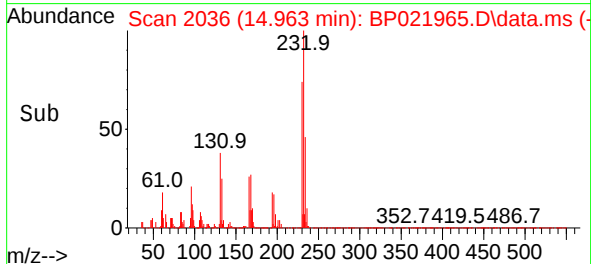
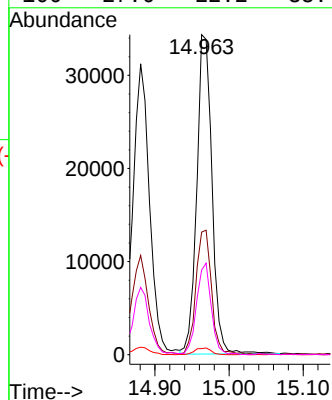
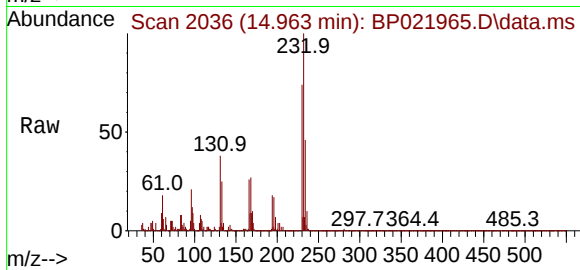
Ion Ratio Lower Upper

232 100

131 39.7 30.2 45.4

130 2.3 1.9 2.9

166 27.6 22.2 33.4



#60

Diethylphthalate

Concen: 10.404 ng

RT: 15.157 min Scan# 2069

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

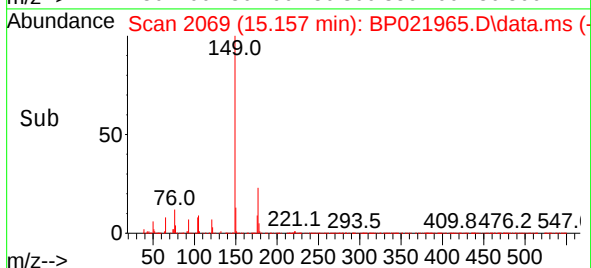
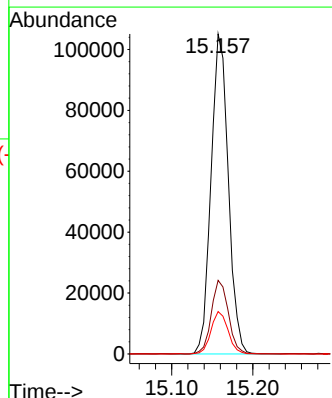
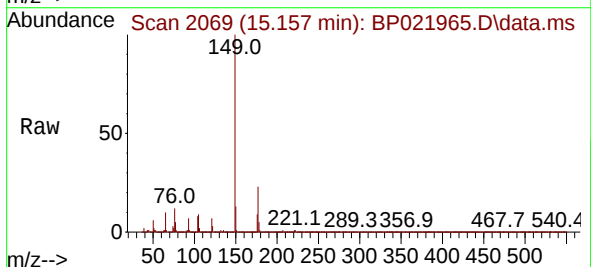
Tgt Ion:149 Resp: 154725

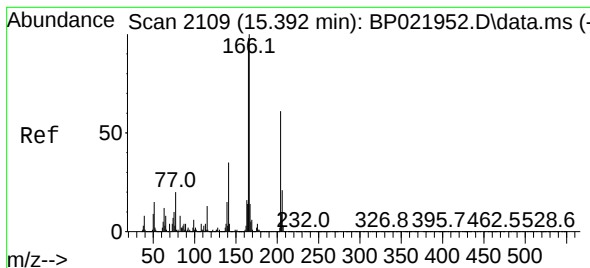
Ion Ratio Lower Upper

149 100

177 23.0 18.2 27.4

150 13.3 10.1 15.1

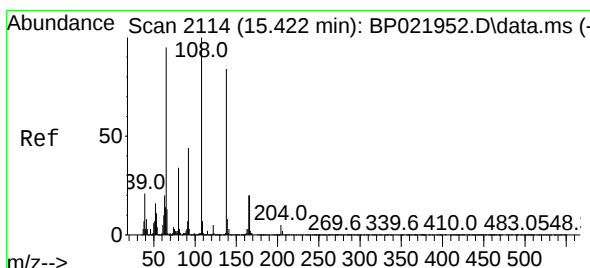
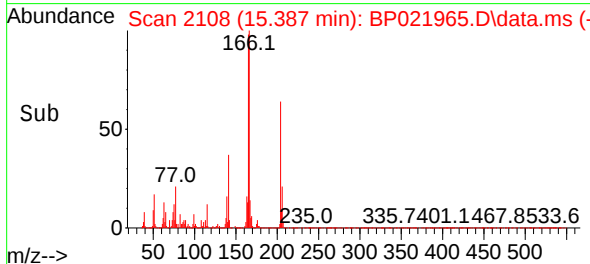
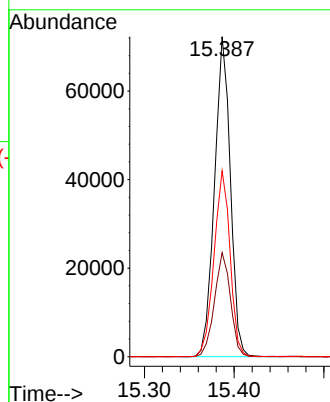
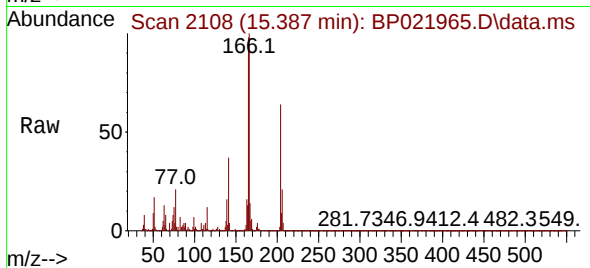




#61
4-Chlorophenyl-phenylether
Concen: 10.630 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

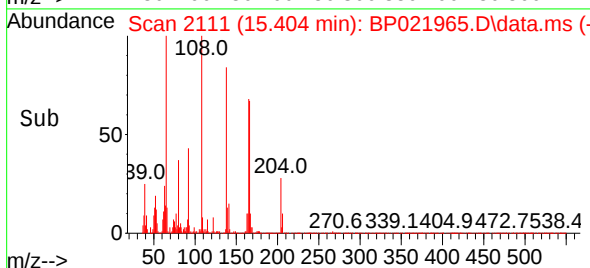
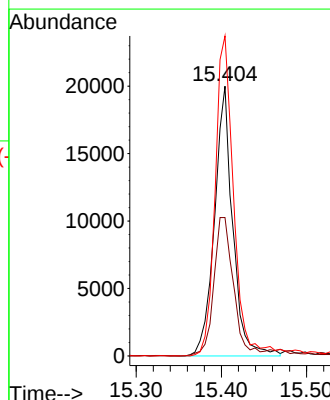
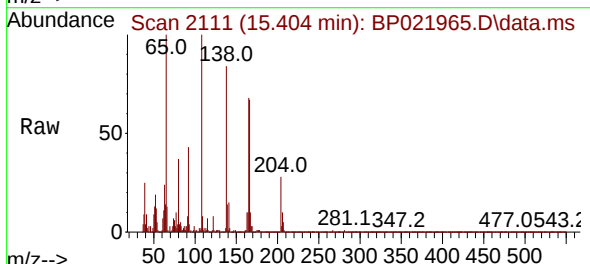
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

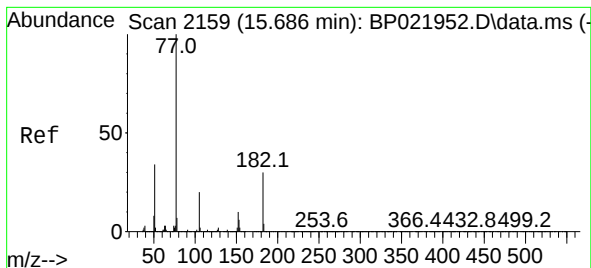
Tgt Ion:204 Resp: 88752
Ion Ratio Lower Upper
204 100
206 32.5 27.3 40.9
141 58.1 45.7 68.5



#62
4-Nitroaniline
Concen: 9.366 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:138 Resp: 29934
Ion Ratio Lower Upper
138 100
92 51.3 32.6 72.6
108 118.6 98.6 138.6





#63

Azobenzene

Concen: 11.050 ng

RT: 15.687 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 77 Resp: 135994

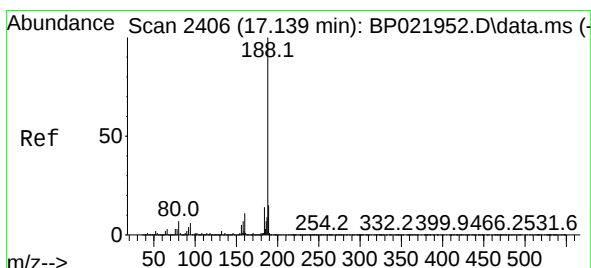
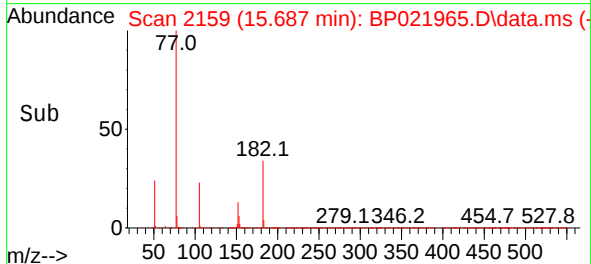
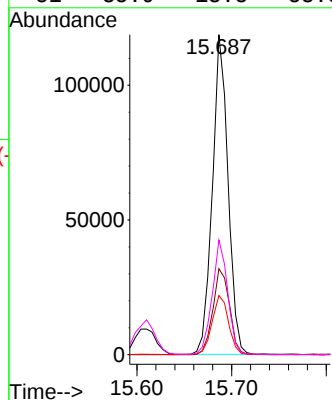
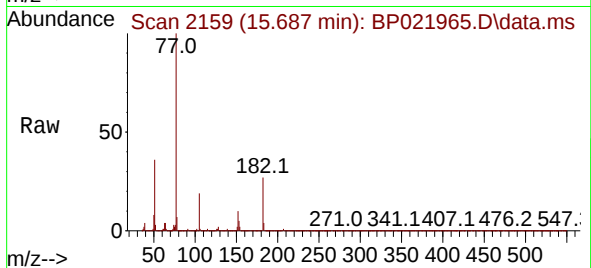
Ion Ratio Lower Upper

77 100

182 26.8 9.6 49.6

105 18.5 0.0 39.8

51 35.9 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

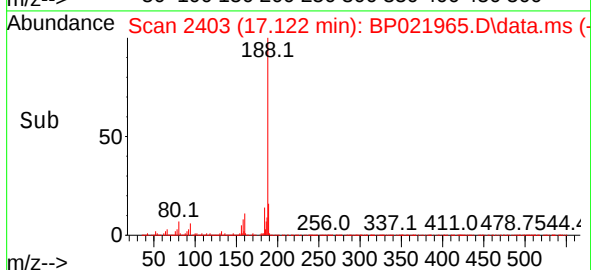
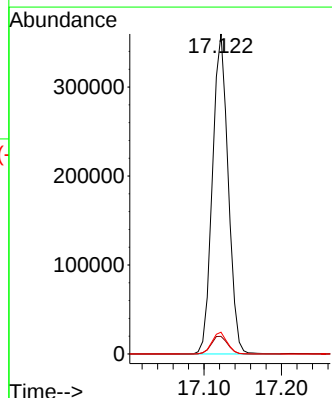
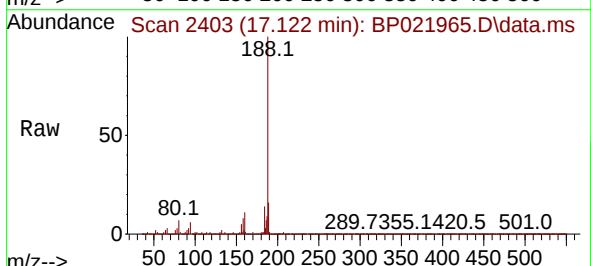
Tgt Ion: 188 Resp: 506738

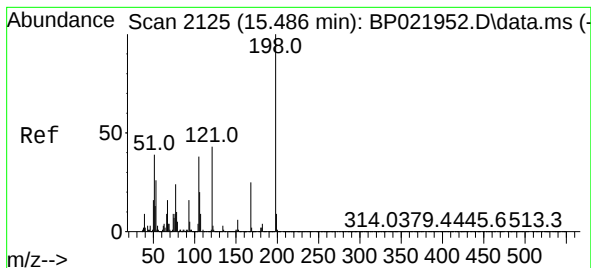
Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 6.8 5.4 8.2

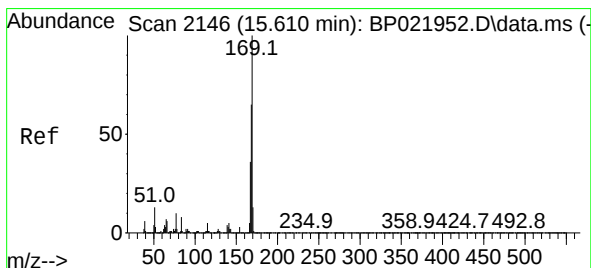
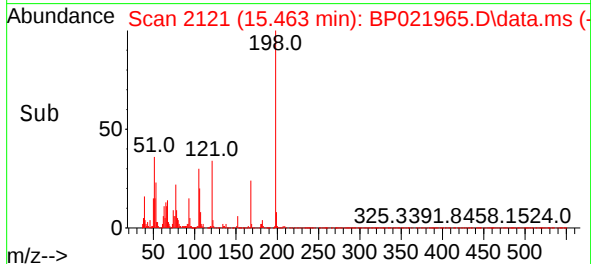
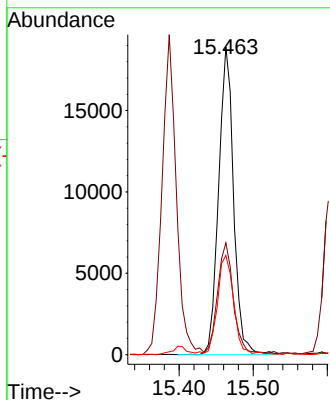
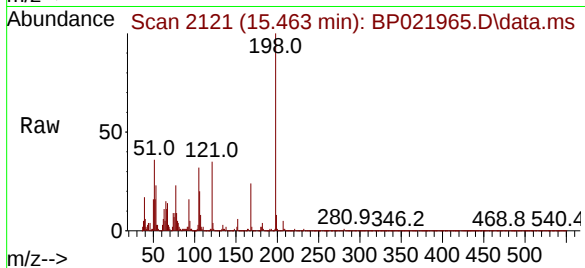




#65
4,6-Dinitro-2-methylphenol
Concen: 9.028 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.023 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

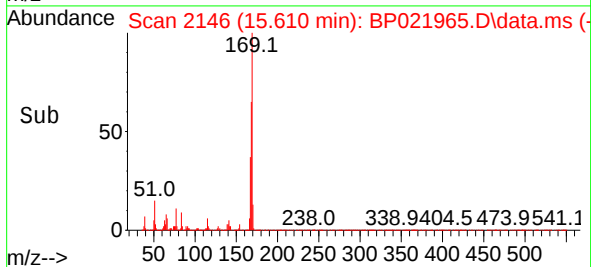
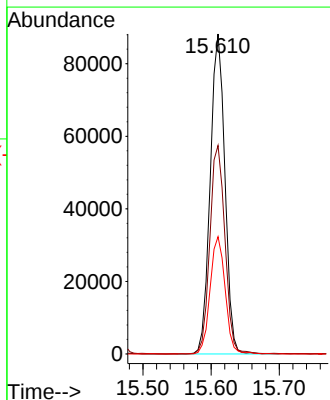
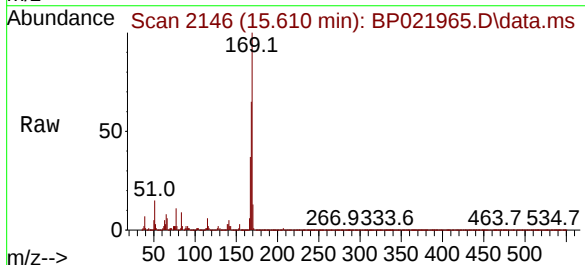
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

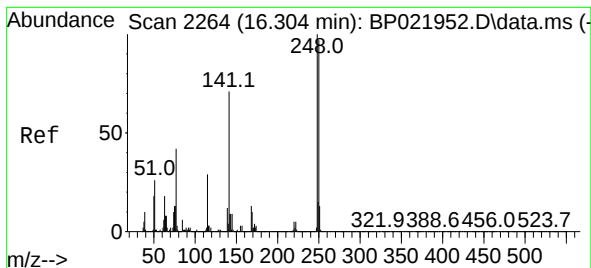
Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.3	20.7	60.7
105	32.2	18.4	58.4



#66
n-Nitrosodiphenylamine
Concen: 10.483 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.2	78.4
167	36.7	28.6	42.8





#67

4-Bromophenyl-phenylether

Concen: 10.168 ng

RT: 16.304 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

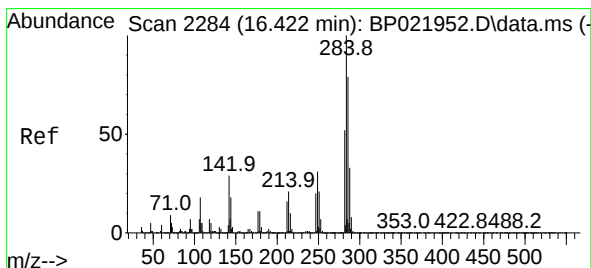
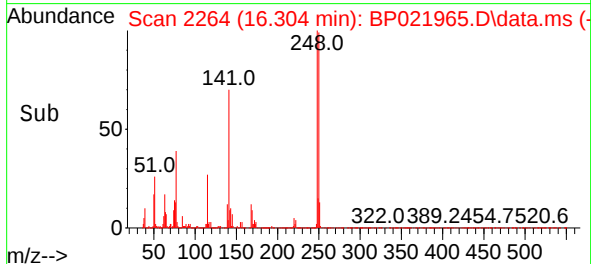
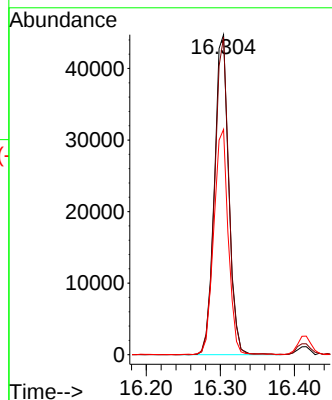
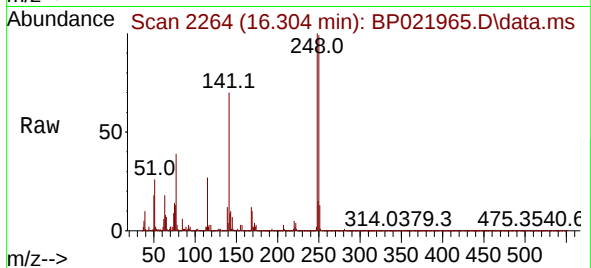
Tgt Ion:248 Resp: 60062

Ion Ratio Lower Upper

248 100

250 99.1 77.5 116.3

141 70.4 56.5 84.7



#68

Hexachlorobenzene

Concen: 10.304 ng

RT: 16.416 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

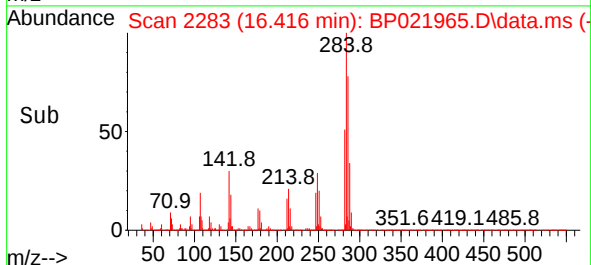
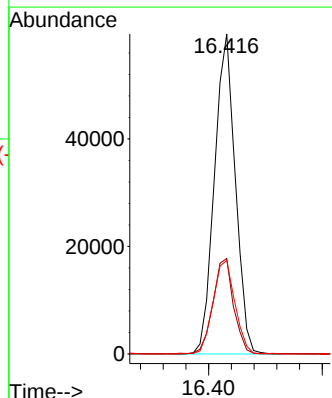
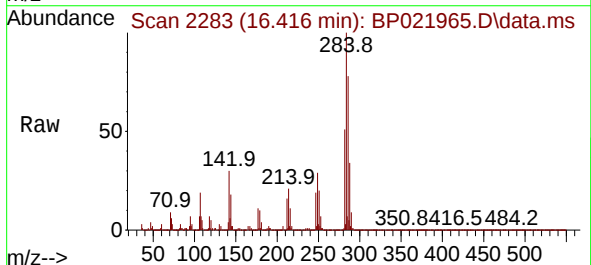
Tgt Ion:284 Resp: 75887

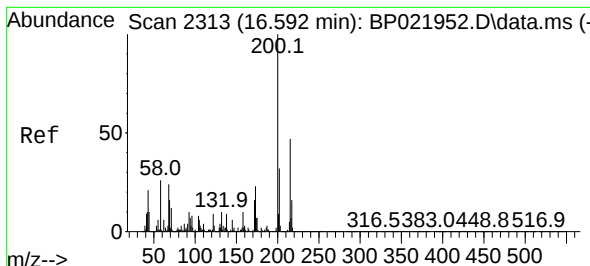
Ion Ratio Lower Upper

284 100

142 29.8 22.9 34.3

249 29.2 25.2 37.8





#69

Atrazine

Concen: 12.692 ng

RT: 16.587 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

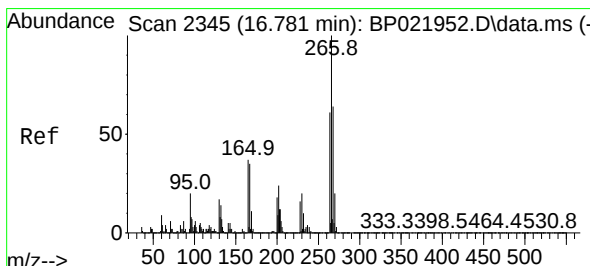
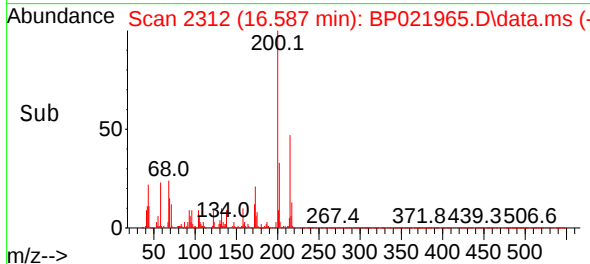
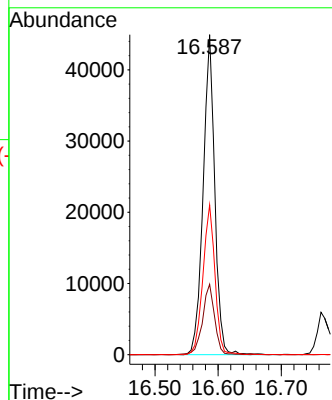
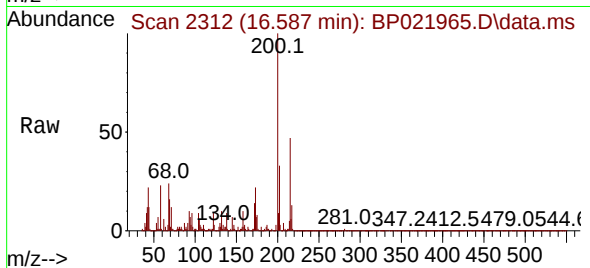
Tgt Ion:200 Resp: 57376

Ion Ratio Lower Upper

200 100

173 22.0 3.0 43.0

215 46.8 27.4 67.4



#70

Pentachlorophenol

Concen: 8.952 ng

RT: 16.763 min Scan# 2342

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

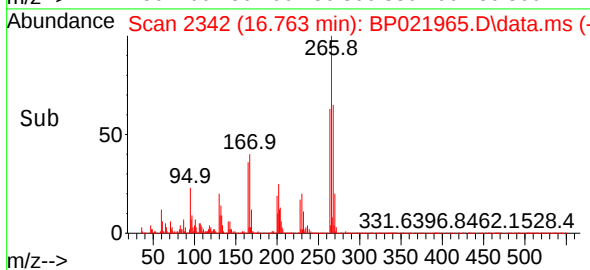
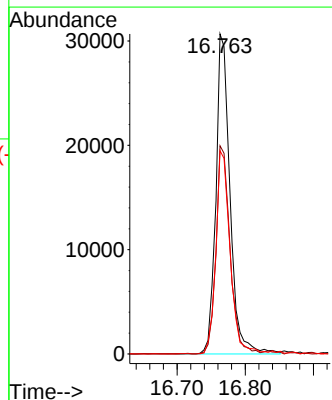
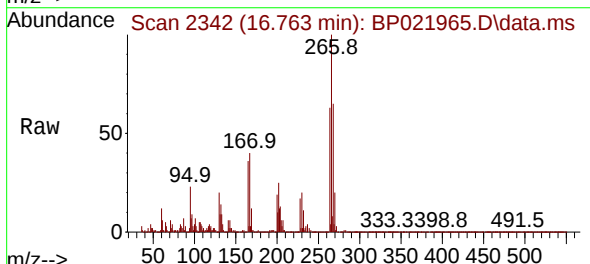
Tgt Ion:266 Resp: 44357

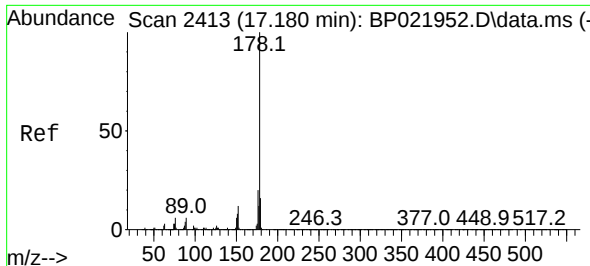
Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

264 63.5 48.6 72.8

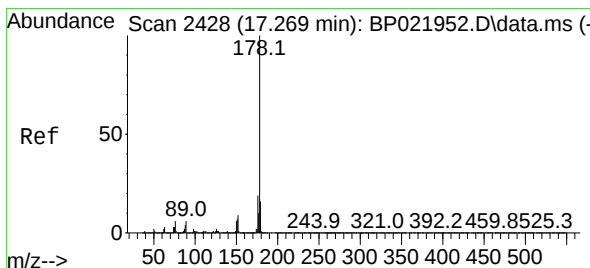
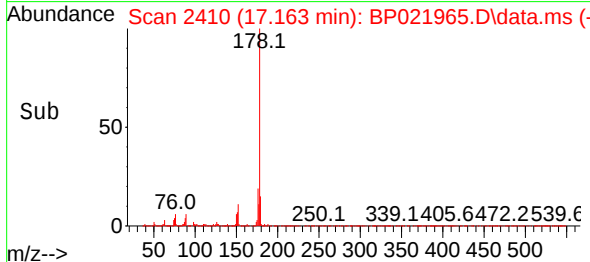
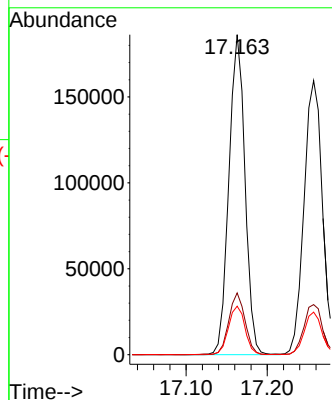
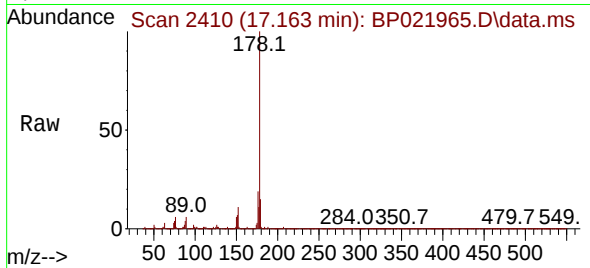




#71
Phenanthrene
Concen: 10.540 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

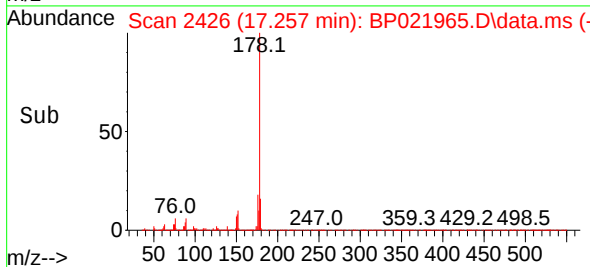
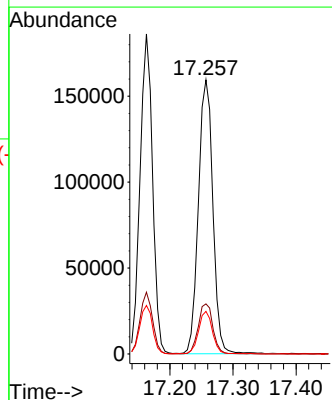
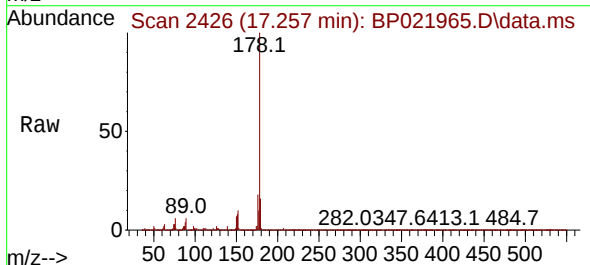
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

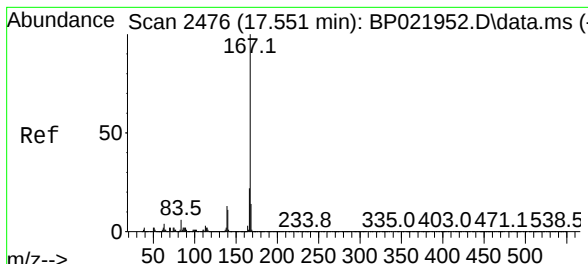
Tgt Ion:178 Resp: 256398
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.1 12.5 18.7



#72
Anthracene
Concen: 10.764 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:178 Resp: 253454
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.5 12.6 18.8



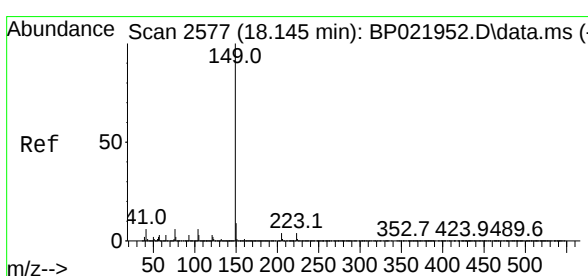
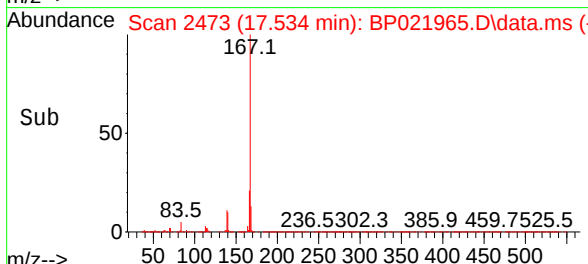
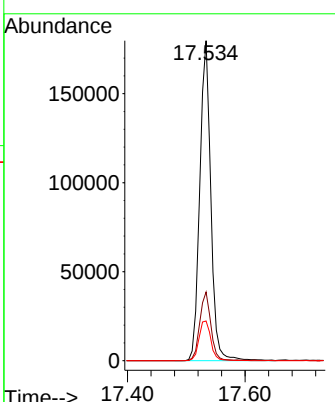
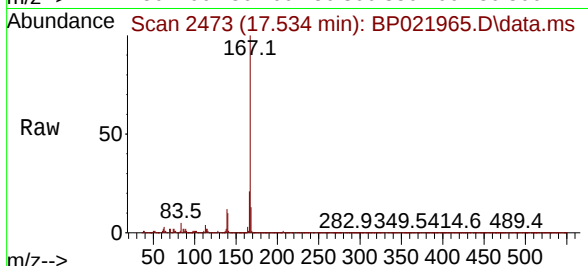


#73
 Carbazole
 Concen: 10.318 ng
 RT: 17.534 min Scan# 2473
 Delta R.T. -0.018 min
 Lab File: BP021965.D
 Acq: 20 Sep 2024 13:11

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:167 Resp: 234652

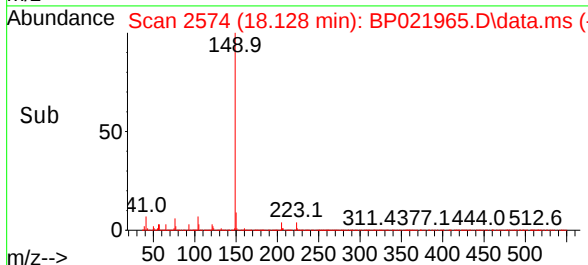
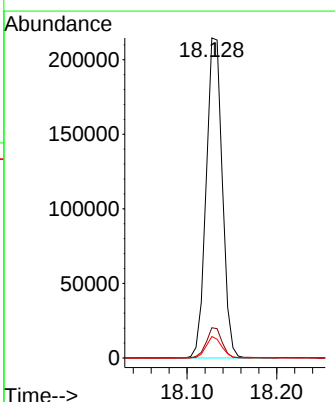
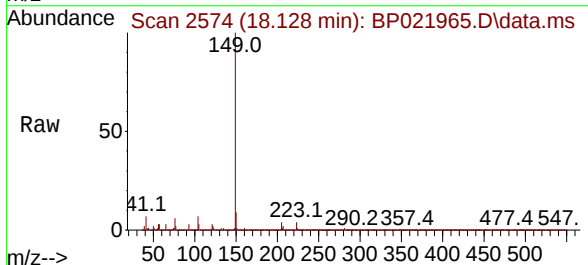
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.4	10.5	15.7

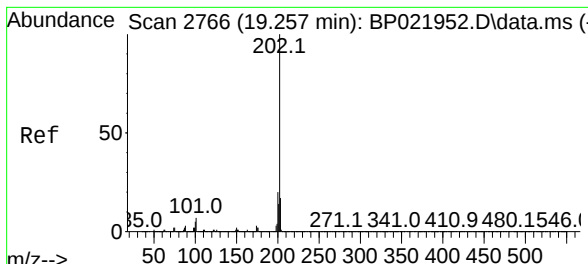


#74
 Di-n-butylphthalate
 Concen: 10.017 ng
 RT: 18.128 min Scan# 2574
 Delta R.T. -0.018 min
 Lab File: BP021965.D
 Acq: 20 Sep 2024 13:11

Tgt Ion:149 Resp: 267565

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	6.7	4.6	6.8

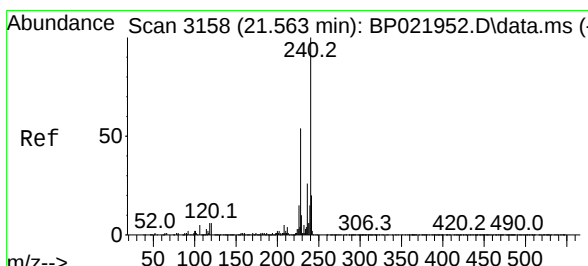
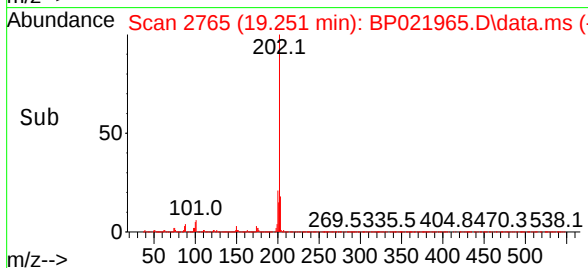
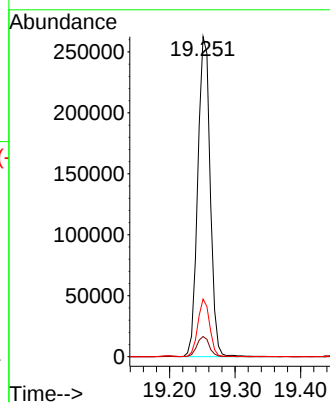
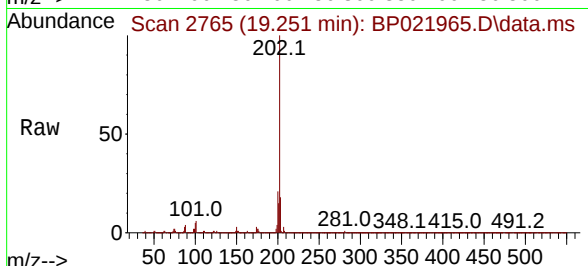




#75
Fluoranthene
Concen: 10.192 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

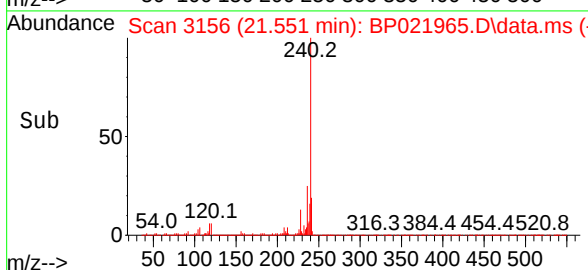
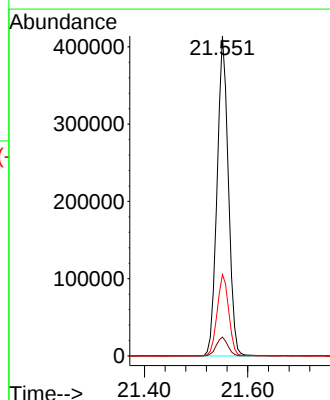
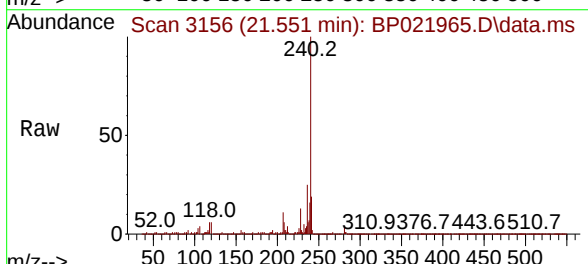
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

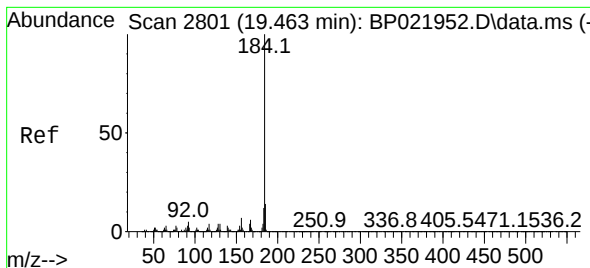
Tgt Ion:	202	Resp:	346062
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.5
203	18.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	240	Resp:	625794
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.1	7.7
236	25.4	20.7	31.1





#77

Benzidine

Concen: 21.194 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

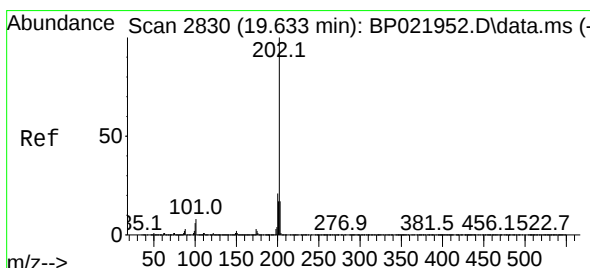
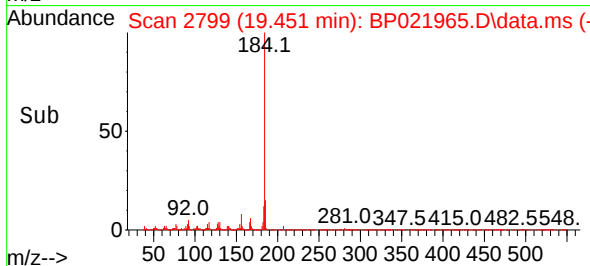
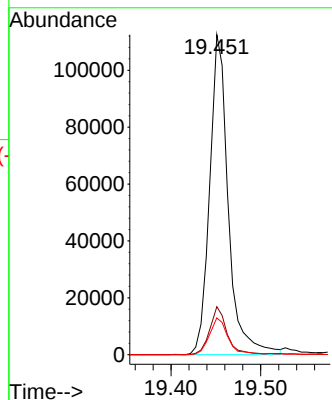
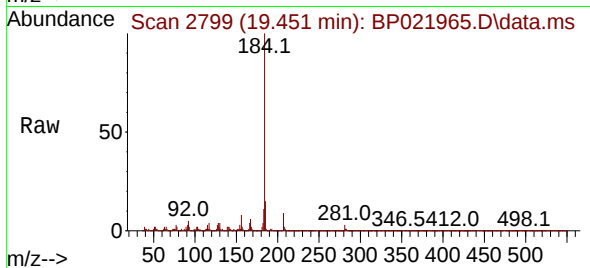
Tgt Ion:184 Resp: 162082

Ion Ratio Lower Upper

184 100

185 15.0 10.9 16.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 9.542 ng

RT: 19.628 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

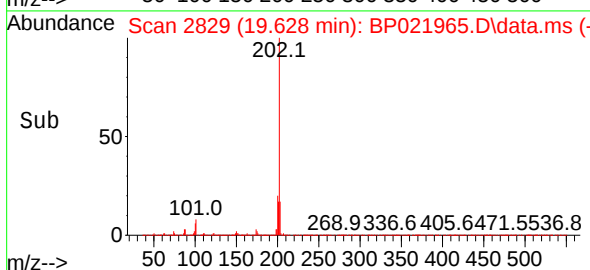
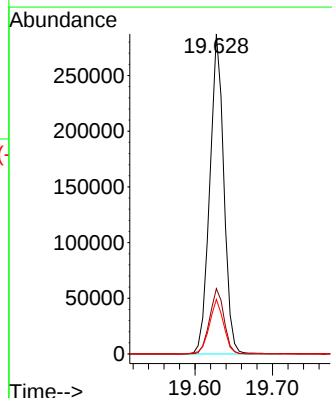
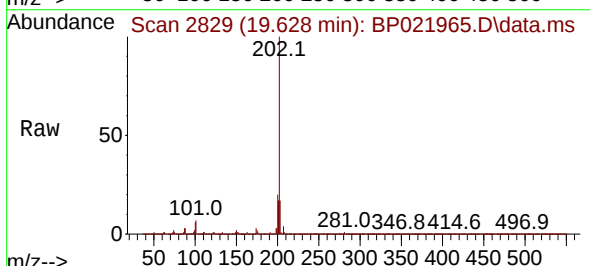
Tgt Ion:202 Resp: 361240

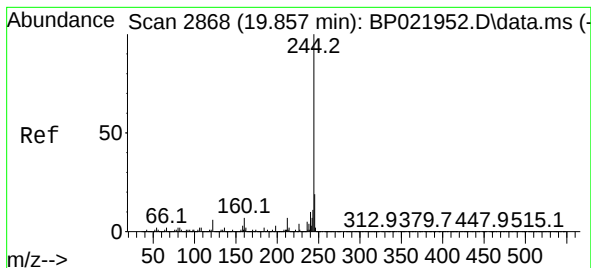
Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

203 17.1 13.8 20.8





#79

Terphenyl-d14

Concen: 82.562 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

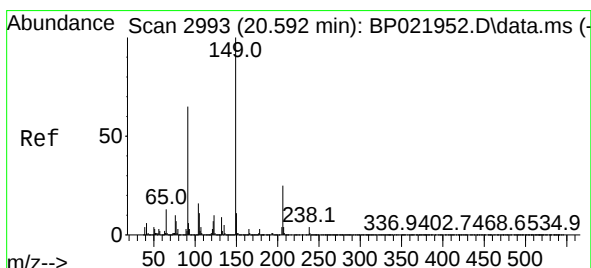
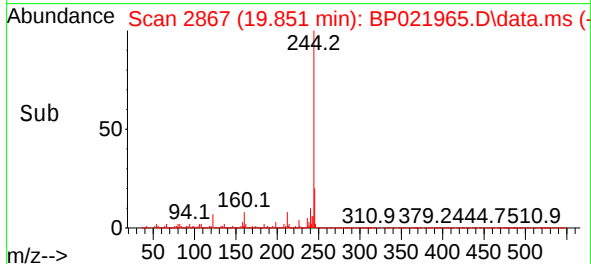
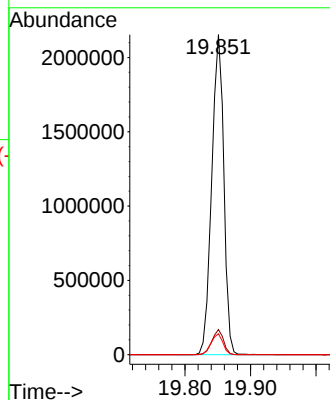
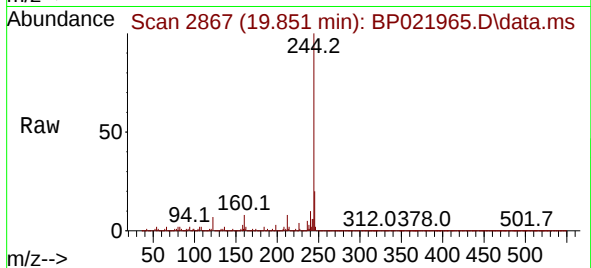
Tgt Ion:244 Resp: 2750440

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 6.6 5.0 7.4



#80

Butylbenzylphthalate

Concen: 9.377 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

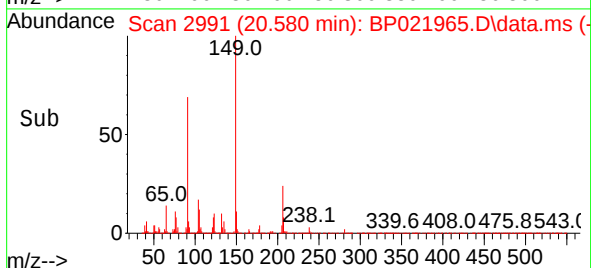
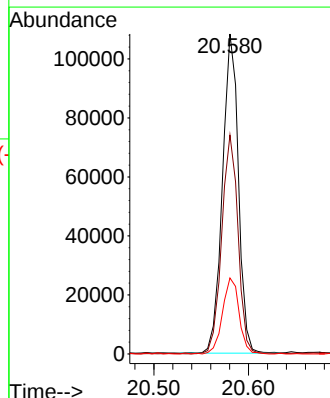
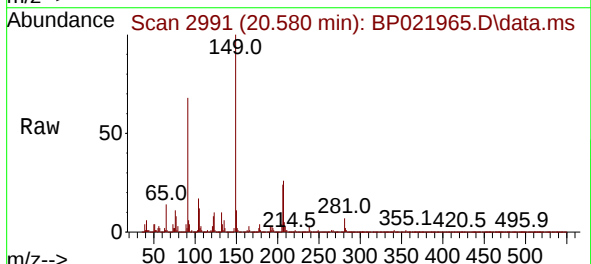
Tgt Ion:149 Resp: 126613

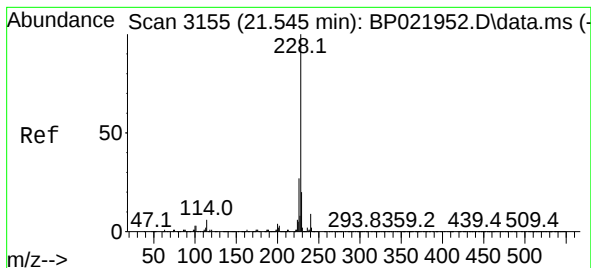
Ion Ratio Lower Upper

149 100

91 68.4 51.9 77.9

206 23.8 20.1 30.1





#81

Benzo(a)anthracene

Concen: 10.686 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

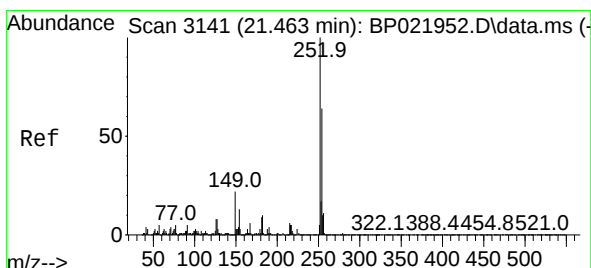
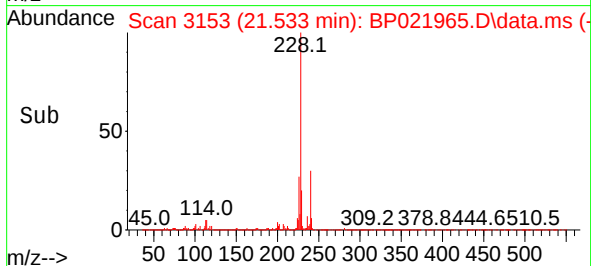
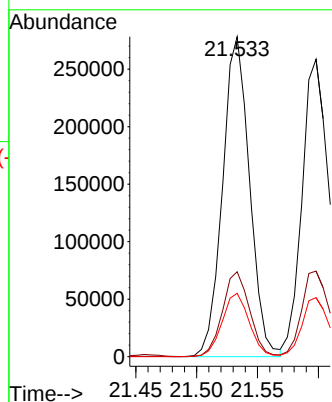
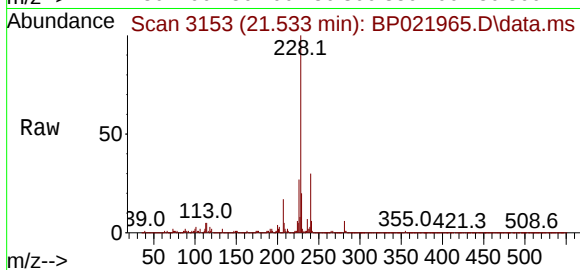
Tgt Ion:228 Resp: 429715

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 10.249 ng

RT: 21.457 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

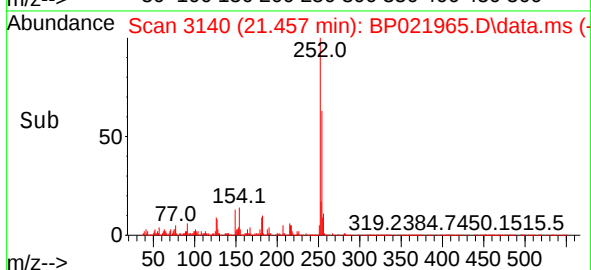
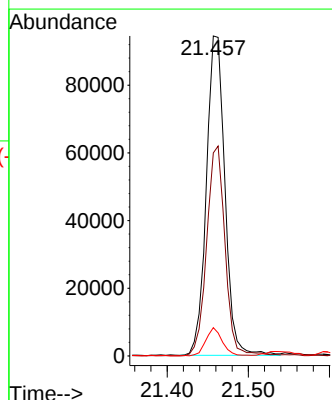
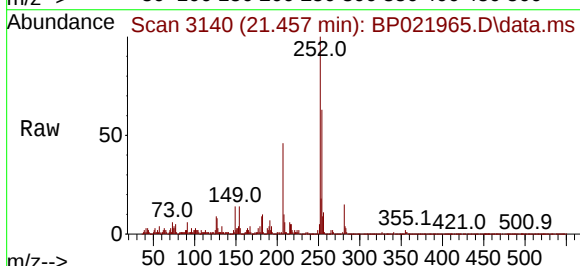
Tgt Ion:252 Resp: 149528

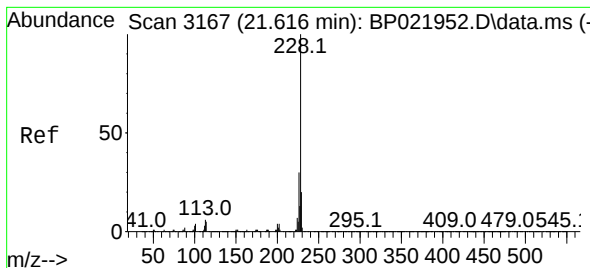
Ion Ratio Lower Upper

252 100

254 63.5 51.4 77.2

126 8.9 6.2 9.4





#83

Chrysene

Concen: 10.615 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

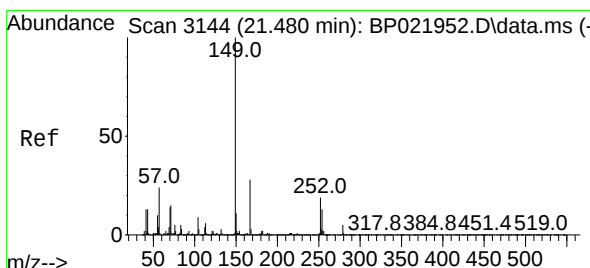
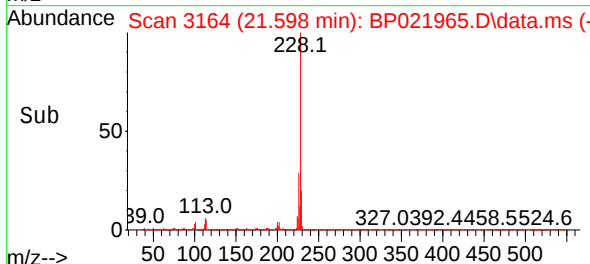
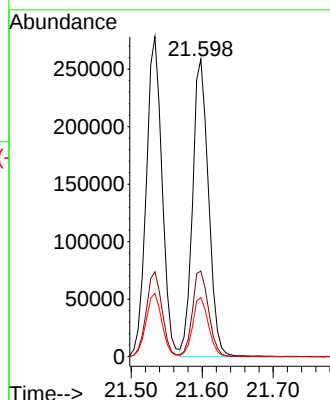
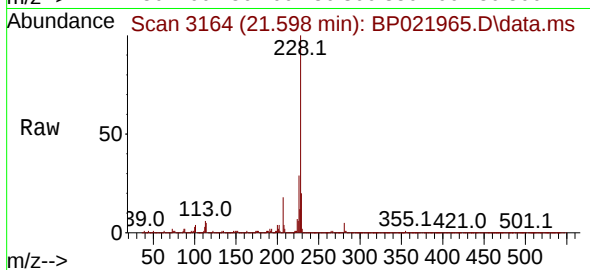
Tgt Ion:228 Resp: 401898

Ion Ratio Lower Upper

228 100

226 28.8 24.2 36.4

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.666 ng

RT: 21.474 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

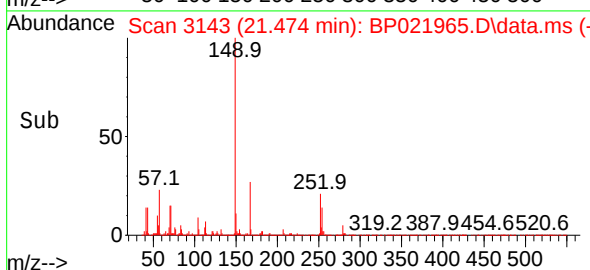
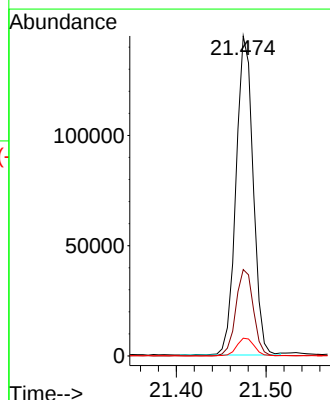
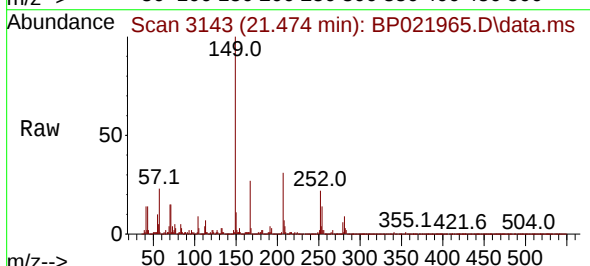
Tgt Ion:149 Resp: 191558

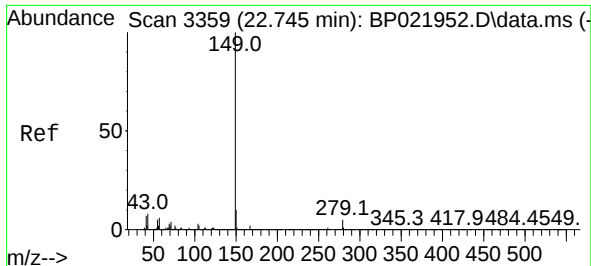
Ion Ratio Lower Upper

149 100

167 27.0 22.3 33.5

279 5.5 4.2 6.2

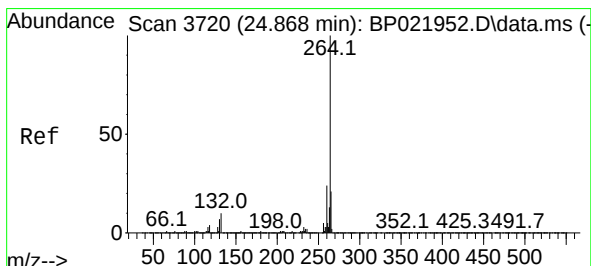
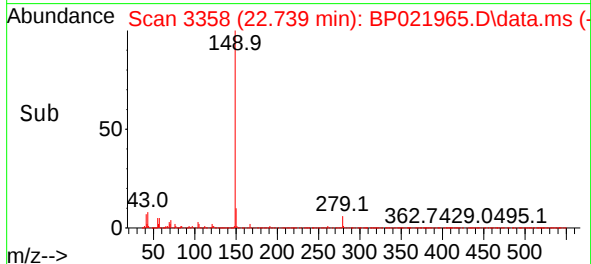
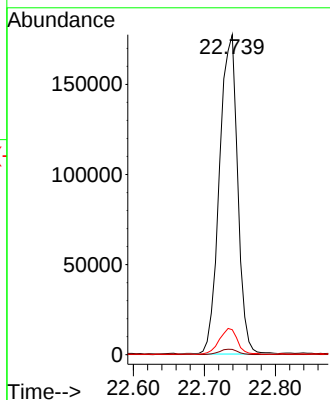
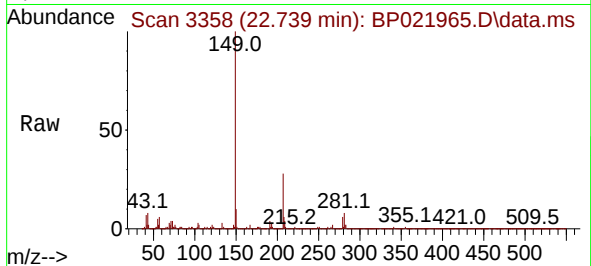




#85
Di-n-octyl phthalate
Concen: 9.332 ng
RT: 22.739 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

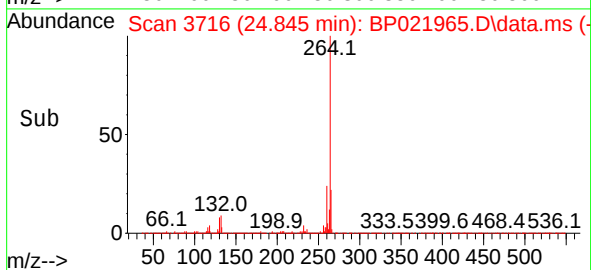
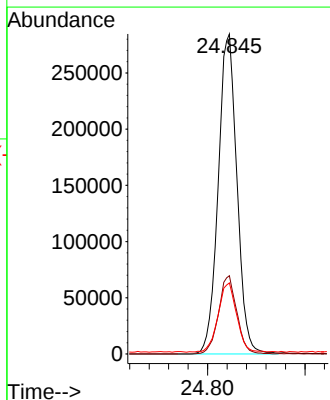
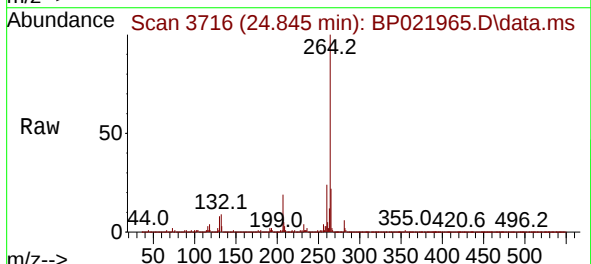
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

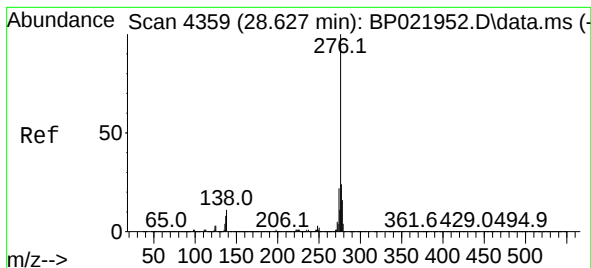
Tgt Ion:149 Resp: 314098
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.0 6.2 9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.023 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:264 Resp: 761910
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.572 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

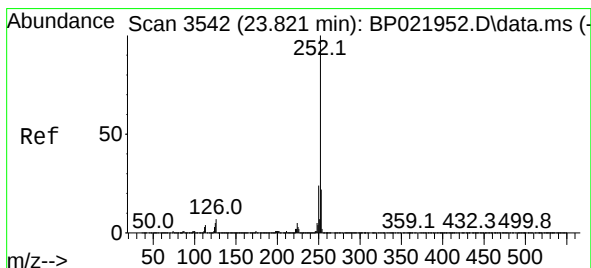
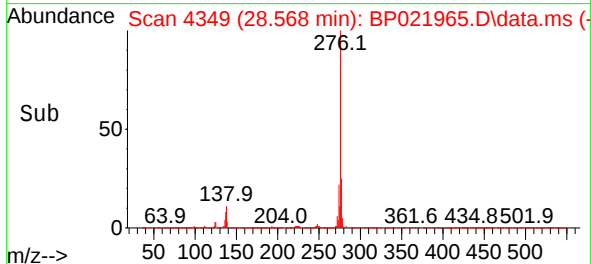
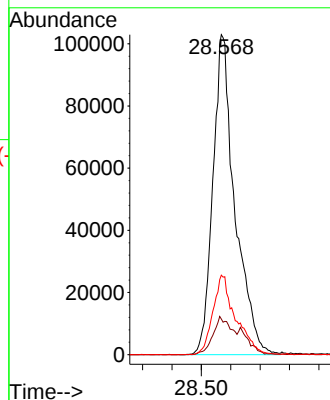
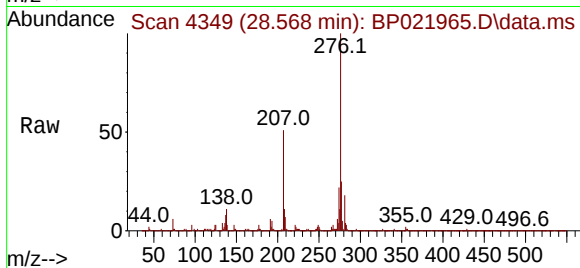
Tgt Ion:276 Resp: 535721

Ion Ratio Lower Upper

276 100

138 10.1 7.8 11.8

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 9.848 ng

RT: 23.874 min Scan# 3551

Delta R.T. 0.053 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

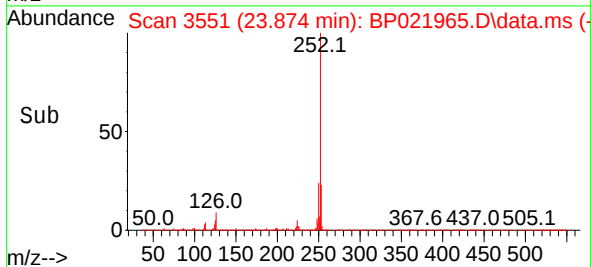
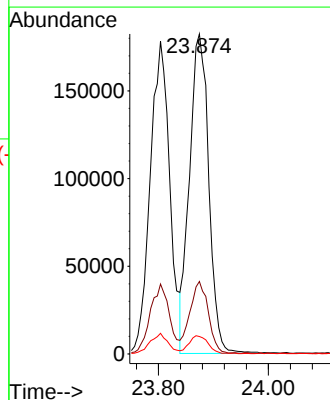
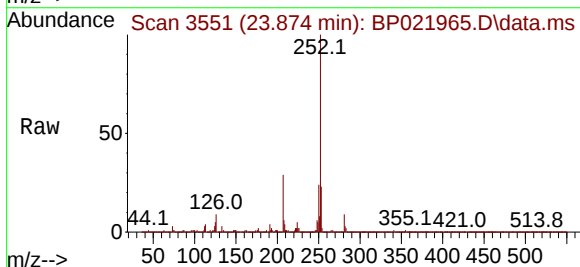
Tgt Ion:252 Resp: 443767

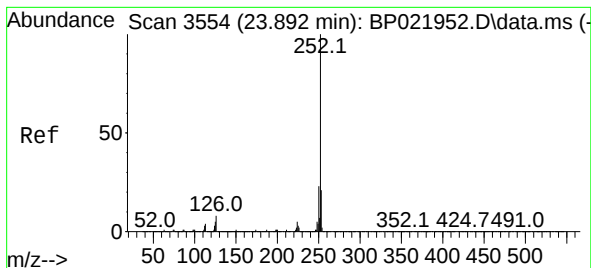
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 5.5 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 10.407 ng

RT: 23.874 min Scan# 3551

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

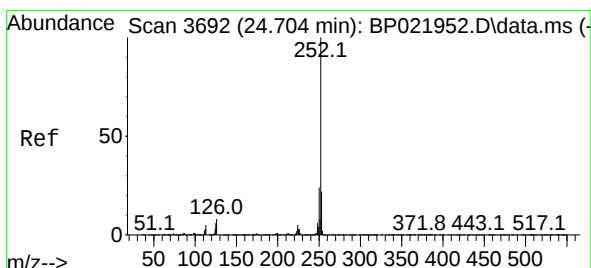
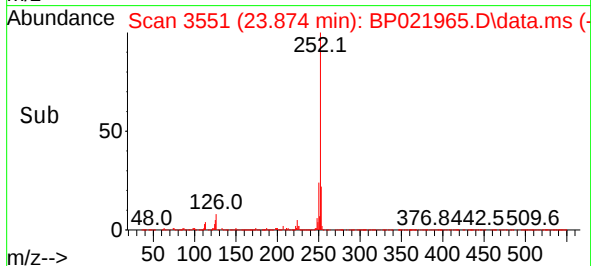
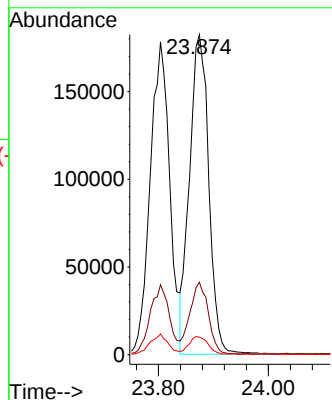
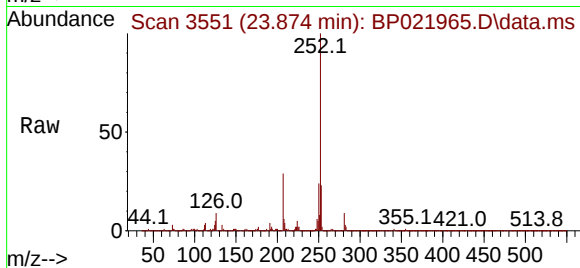
Tgt Ion:252 Resp: 443767

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 5.5 4.3 6.5



#90

Benzo(a)pyrene

Concen: 10.534 ng

RT: 24.686 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

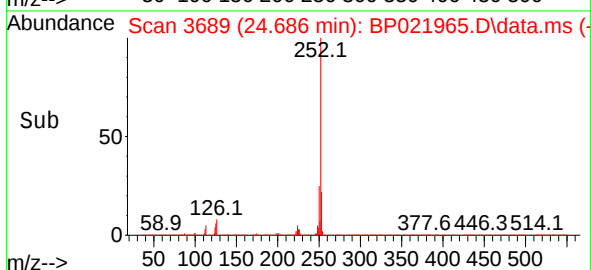
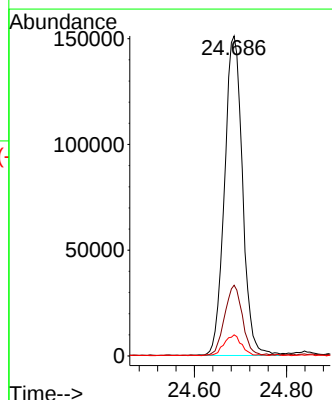
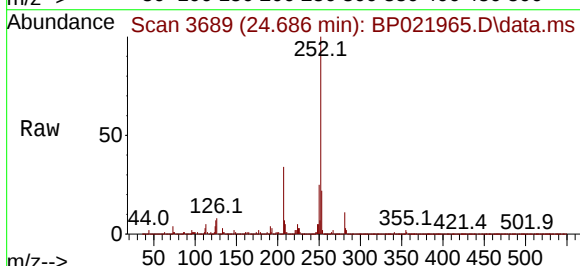
Tgt Ion:252 Resp: 408906

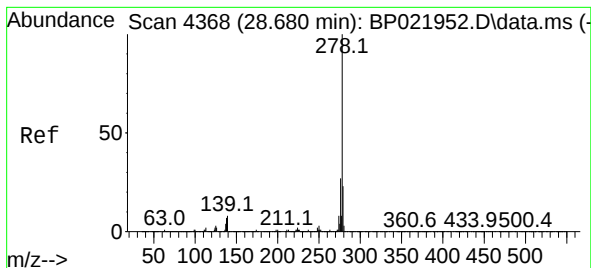
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 10.447 ng

RT: 28.633 min Scan# 441

Delta R.T. -0.047 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

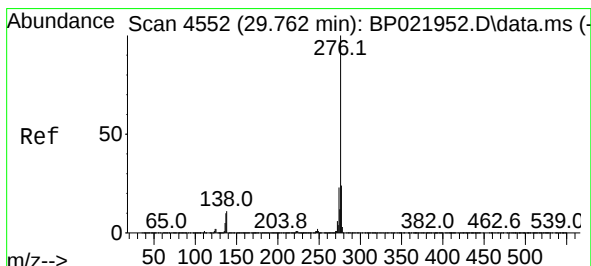
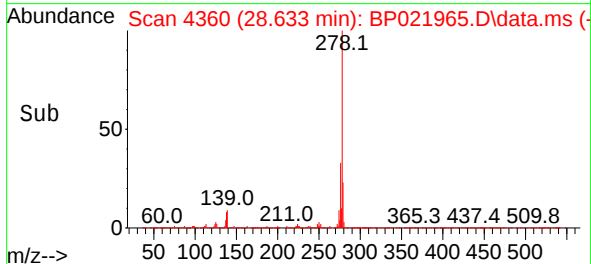
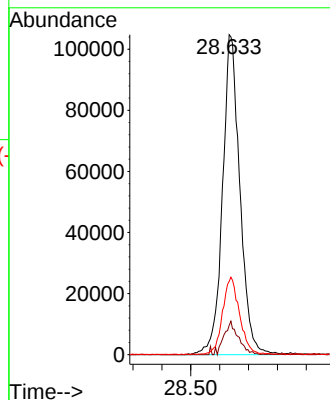
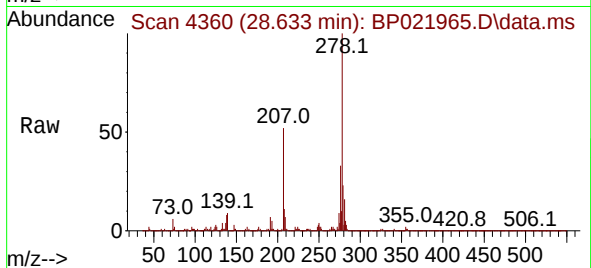
Tgt Ion:278 Resp: 436928

Ion Ratio Lower Upper

278 100

139 9.1 6.6 10.0

279 22.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 9.699 ng

RT: 29.733 min Scan# 4547

Delta R.T. -0.029 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:276 Resp: 415496

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 11.8 9.2 13.8

