

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052370.D
 Acq On : 11 Feb 2022 14:57
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 11 15:34:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 11 13:59:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	21799	20.000	ng	0.01
21) Naphthalene-d8	11.080	136	90058	20.000	ng	# 0.01
39) Acenaphthene-d10	14.881	164	66817	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	171998	20.000	ng	0.00
76) Chrysene-d12	21.942	240	187600	20.000	ng	0.00
86) Perylene-d12	25.414	264	190367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	135412	108.264	ng	0.02
7) Phenol-d6	7.385	99	188432	97.641	ng	0.01
23) Nitrobenzene-d5	9.412	82	145947	70.433	ng	0.01
42) 2,4,6-Tribromophenol	16.367	330	108560	113.091	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	355314	73.891	ng	0.00
79) Terphenyl-d14	20.221	244	767453	72.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	2916	5.063	ng	# 81
3) Pyridine	4.013	79	7195	4.307	ng	96
4) n-Nitrosodimethylamine	3.913	42	4008	4.647	ng	# 99
6) Aniline	7.549	93	11538	5.146	ng	100
8) 2-Chlorophenol	7.796	128	6791	4.936	ng	92
9) Benzaldehyde	7.362	77	8074	6.815	ng	87
10) Phenol	7.414	94	8700	4.537	ng	93
11) bis(2-Chloroethyl)ether	7.638	93	7212	4.921	ng	86
12) 1,3-Dichlorobenzene	8.125	146	8450	5.390	ng	95
13) 1,4-Dichlorobenzene	8.272	146	8029	5.024	ng	92
14) 1,2-Dichlorobenzene	8.601	146	7671	4.867	ng	98
15) Benzyl Alcohol	8.472	79	6914	4.317	ng	85
16) 2,2'-oxybis(1-Chloropr...	8.765	45	10083	4.764	ng	96
17) 2-Methylphenol	8.683	107	5763	4.555	ng	93
18) Hexachloroethane	9.341	117	3169	5.703	ng	88
19) n-Nitroso-di-n-propyla...	9.042	70	6678	4.590	ng	# 84
20) 3+4-Methylphenols	9.012	107	7773	4.294	ng	87
22) Acetophenone	9.065	105	11561	4.857	ng	# 91
24) Nitrobenzene	9.453	77	9950	5.062	ng	# 88
25) Isophorone	9.976	82	17385	4.931	ng	97
26) 2-Nitrophenol	10.175	139	3663	4.397	ng	# 87
27) 2,4-Dimethylphenol	10.228	122	7333	5.945	ng	# 74
28) bis(2-Chloroethoxy)met...	10.457	93	10077	5.036	ng	# 85
29) 2,4-Dichlorophenol	10.722	162	6395	4.325	ng	92
30) 1,2,4-Trichlorobenzene	10.939	180	8059	4.668	ng	96
31) Naphthalene	11.127	128	23032	4.878	ng	97
32) Benzoic acid	10.340	122	1236	1.706	ng	# 62
33) 4-Chloroaniline	11.227	127	9029	4.581	ng	# 93
34) Hexachlorobutadiene	11.415	225	5429	4.656	ng	# 86
35) Caprolactam	11.967	113	2266	4.205	ng	96
36) 4-Chloro-3-methylphenol	12.349	107	7394	4.396	ng	91
37) 2-Methylnaphthalene	12.719	142	17062	4.866	ng	95
38) 1-Methylnaphthalene	12.719	142	17062	5.021	ng	99
40) 1,2,4,5-Tetrachloroben...	13.089	216	11147	5.072	ng	# 95
41) Hexachlorocyclopentadiene	13.066	237	2081	2.243	ng	81

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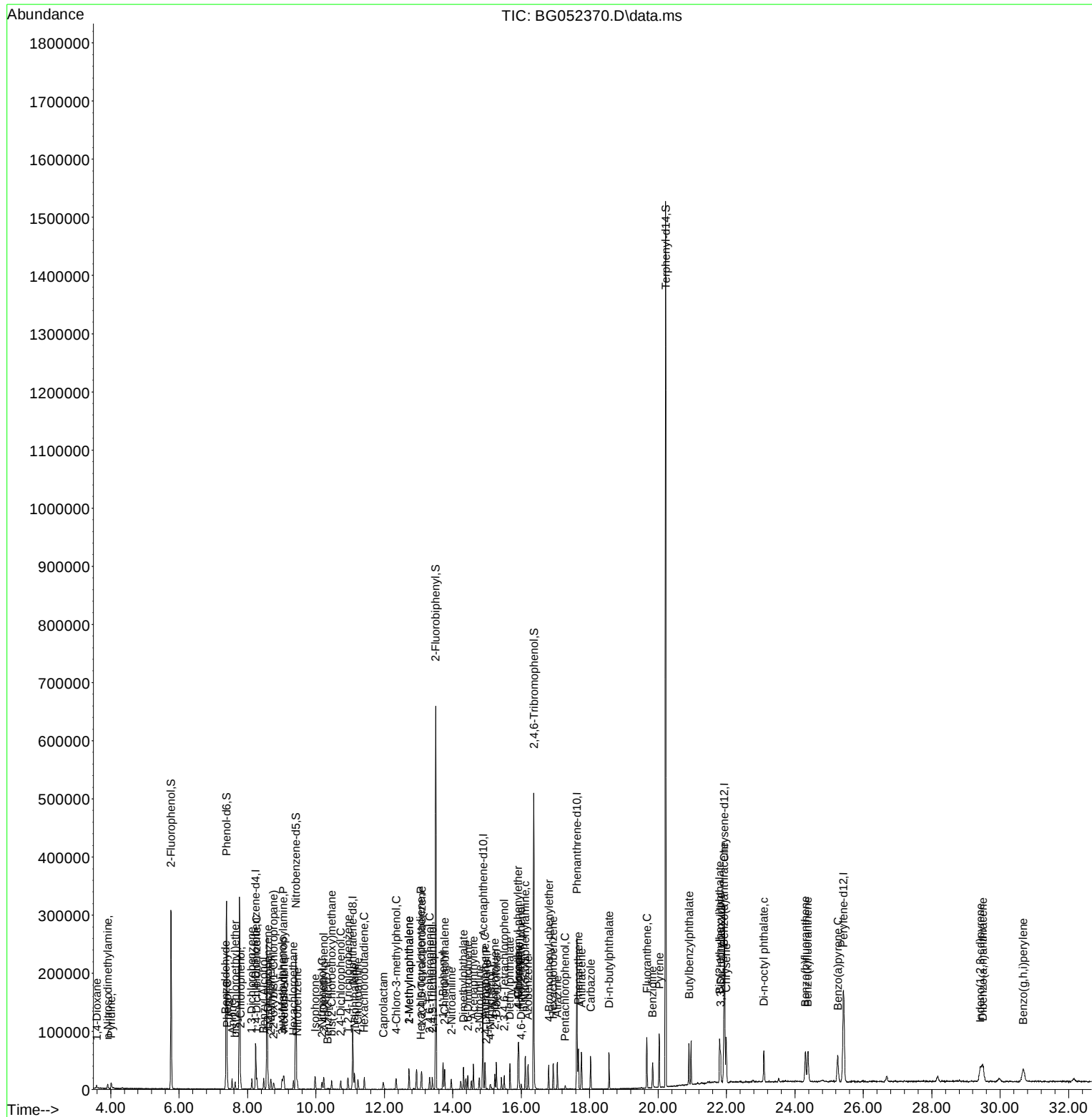
Quant Time: Feb 11 15:34:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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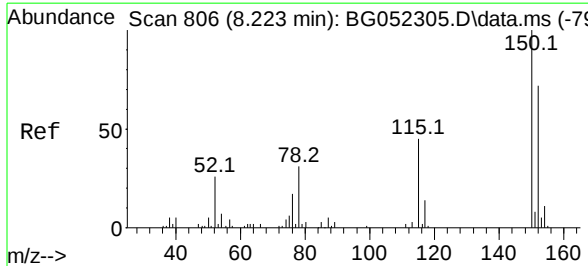
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.318	196	6490	4.515	ng	83
44) 2,4,5-Trichlorophenol	13.400	196	6301	4.045	ng #	93
46) 1,1'-Biphenyl	13.712	154	24611	5.023	ng	96
47) 2-Chloronaphthalene	13.759	162	18264	4.838	ng	97
48) 2-Nitroaniline	13.958	65	6106	4.544	ng #	85
49) Acenaphthylene	14.605	152	32439	5.279	ng	94
50) Dimethylphthalate	14.317	163	25213	4.926	ng	99
51) 2,6-Dinitrotoluene	14.440	165	5542	5.017	ng #	87
52) Acenaphthene	14.945	154	18088	4.495	ng	97
53) 3-Nitroaniline	14.775	138	5228	4.554	ng #	86
54) 2,4-Dinitrophenol	14.986	184	688	1.149	ng #	52
55) Dibenzofuran	15.274	168	31367	4.956	ng	96
56) 4-Nitrophenol	15.098	139	3502	4.062	ng #	71
57) 2,4-Dinitrotoluene	15.227	165	7803	4.963	ng #	86
58) Fluorene	15.921	166	26672	5.279	ng #	93
59) 2,3,4,6-Tetrachlorophenol	15.503	232	6243	4.196	ng #	97
60) Diethylphthalate	15.668	149	25824	4.994	ng	97
61) 4-Chlorophenyl-phenyle...	15.909	204	14426	5.013	ng	90
62) 4-Nitroaniline	15.932	138	5541	4.584	ng #	83
63) Azobenzene	16.202	77	25792	4.873	ng	95
65) 4,6-Dinitro-2-methylph...	15.997	198	2721	2.630	ng	83
66) n-Nitrosodiphenylamine	16.120	169	22588	4.766	ng	92
67) 4-Bromophenyl-phenylether	16.808	248	9764	4.668	ng	98
68) Hexachlorobenzene	16.937	284	10504	4.630	ng	90
69) Atrazine	17.060	200	9960	5.199	ng	88
70) Pentachlorophenol	17.283	266	2268	2.043	ng	96
71) Phenanthrene	17.671	178	45136	5.091	ng	99
72) Anthracene	17.759	178	44552	5.128	ng	95
73) Carbazole	18.029	167	41604	4.909	ng	96
74) Di-n-butylphthalate	18.564	149	47039	5.095	ng	98
75) Fluoranthene	19.674	202	58646	5.194	ng	98
77) Benzidine	19.839	184	29794	7.433	ng	96
78) Pyrene	20.033	202	60329	4.806	ng	100
80) Butylbenzylphthalate	20.902	149	20671	4.741	ng	95
81) Benzo(a)anthracene	21.924	228	61090	4.921	ng	98
82) 3,3'-Dichlorobenzidine	21.824	252	22556	5.205	ng	99
83) Chrysene	21.989	228	55771	4.741	ng	98
84) Bis(2-ethylhexyl)phtha...	21.801	149	29459	4.872	ng	99
85) Di-n-octyl phthalate	23.093	149	48630	4.797	ng	98
87) Indeno(1,2,3-cd)pyrene	29.420	276	61211	4.394	ng #	91
88) Benzo(b)fluoranthene	24.309	252	59813	5.042	ng	99
89) Benzo(k)fluoranthene	24.374	252	56911	4.856	ng	95
90) Benzo(a)pyrene	25.249	252	57511	5.739	ng #	97
91) Dibenzo(a,h)anthracene	29.490	278	54785	4.761	ng #	98
92) Benzo(g,h,i)perylene	30.665	276	53286	4.718	ng #	92

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

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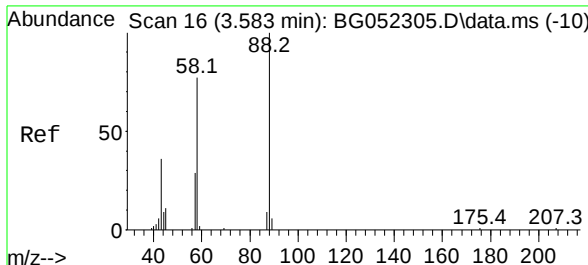
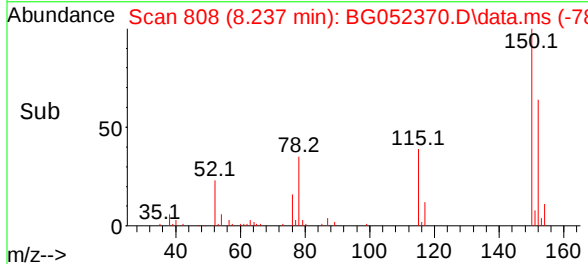
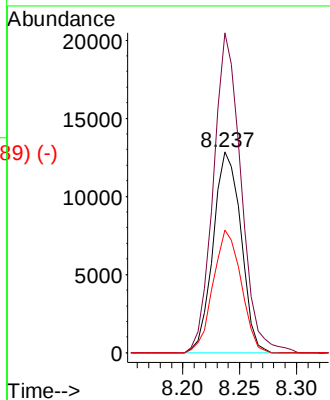
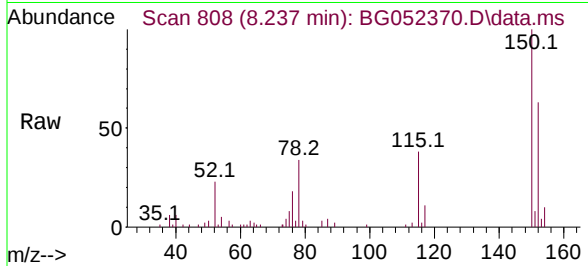




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.237 min Scan# 8
 Delta R.T. 0.014 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

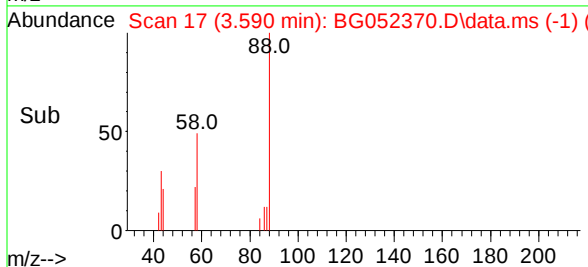
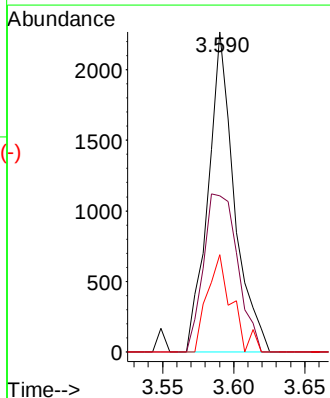
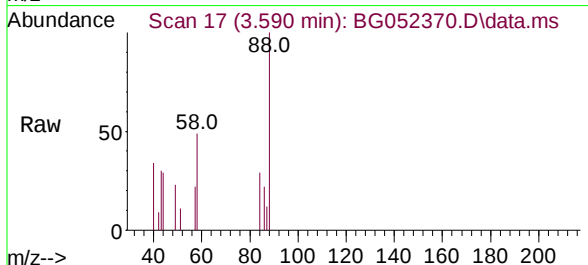
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

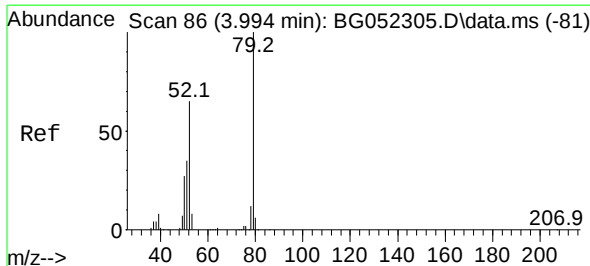
Tgt Ion:	152	Resp:	21799
Ion	Ratio	Lower	Upper
152	100		
150	159.1	117.8	176.8
115	60.9	50.2	75.2



1,4-Dioxane
 Concen: 5.063 ng
 RT: 3.590 min Scan# 17
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:	88	Resp:	2916
Ion	Ratio	Lower	Upper
88	100		
58	64.4	65.8	98.8#
43	28.7	31.6	47.4#





Pyridine

Concen: 4.307 ng

RT: 4.013 min Scan# 8

Delta R.T. 0.019 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

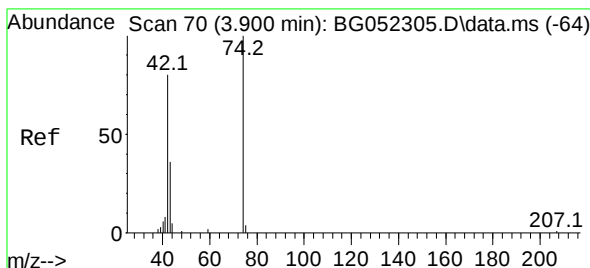
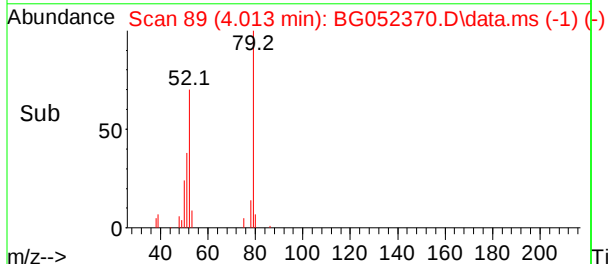
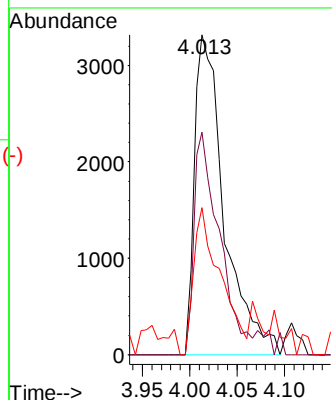
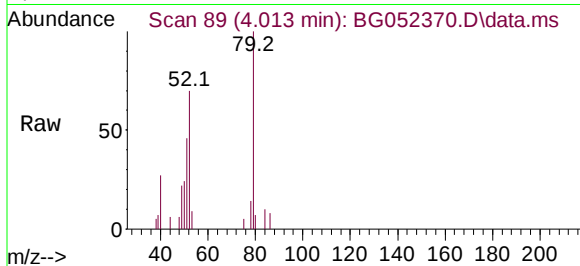
Tgt Ion: 79 Resp: 7195

Ion Ratio Lower Upper

79 100

52 69.6 55.0 82.6

51 45.9 32.5 48.7



(#4)

n-Nitrosodimethylamine

Concen: 4.647 ng

RT: 3.913 min Scan# 72

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

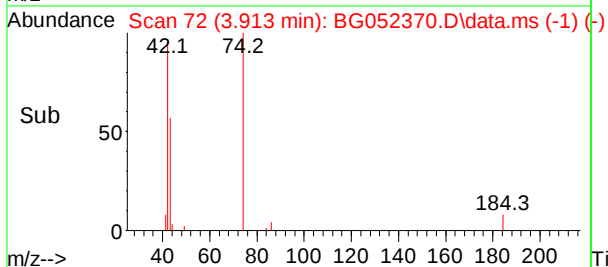
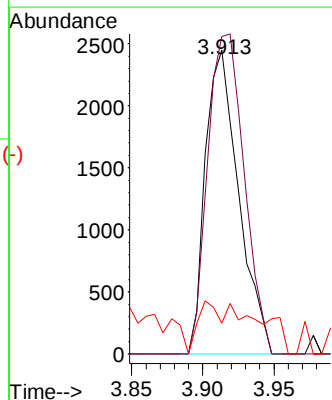
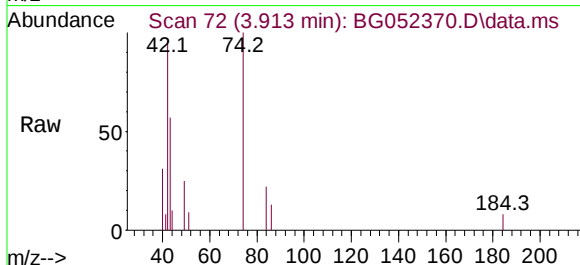
Tgt Ion: 42 Resp: 4008

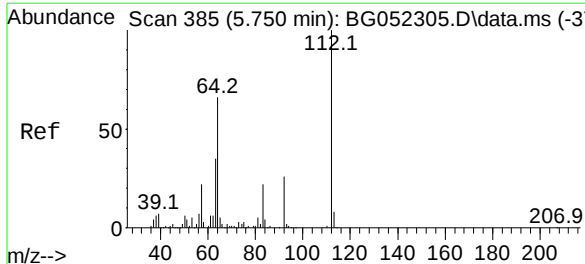
Ion Ratio Lower Upper

42 100

74 104.3 83.0 124.4

44 10.2 5.0 7.6#





2-Fluorophenol

Concen: 108.264 ng

RT: 5.770 min Scan# 3

Delta R.T. 0.019 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

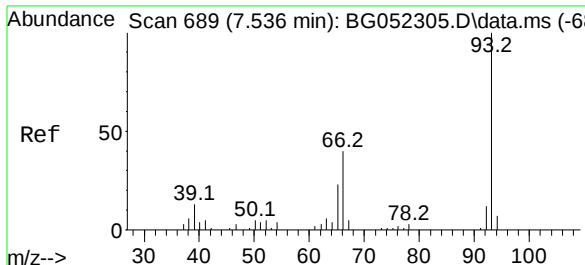
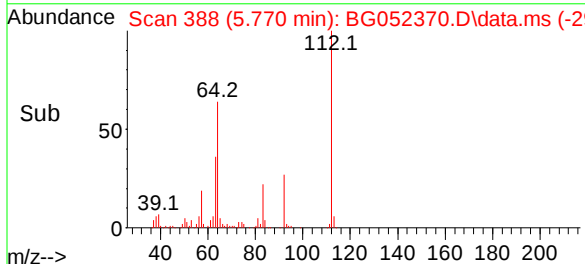
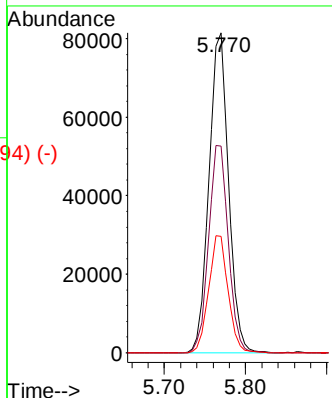
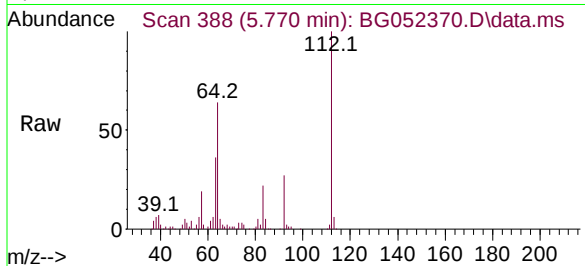
Tgt Ion:112 Resp: 135412

Ion Ratio Lower Upper

112 100

64 64.5 60.4 90.6

63 36.4 33.3 49.9



Aniline

Concen: 5.146 ng

RT: 7.549 min Scan# 691

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

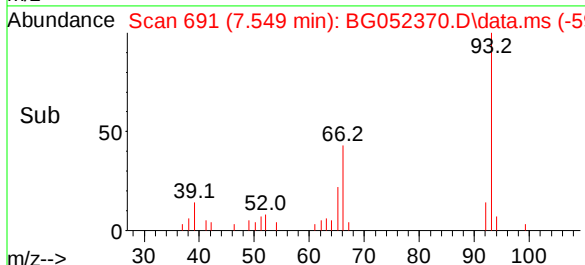
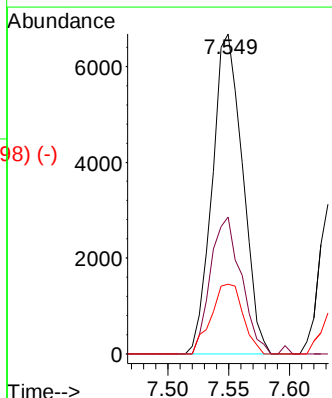
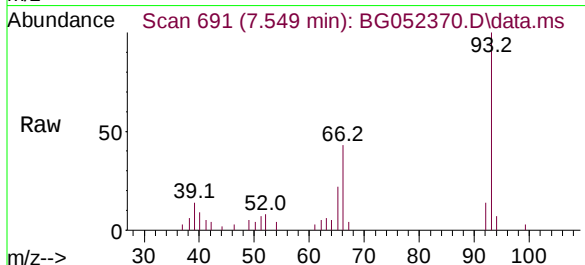
Tgt Ion: 93 Resp: 11538

Ion Ratio Lower Upper

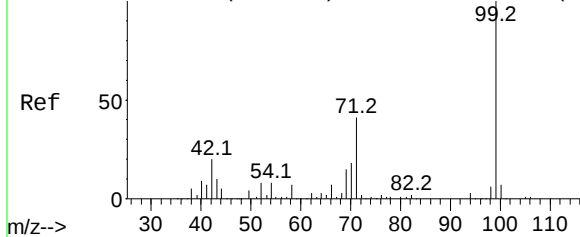
93 100

66 42.8 34.3 51.5

65 21.9 17.6 26.4



Abundance Scan 661 (7.372 min): BG052305.D\data.ms (-652#7-)



Phenol-d6

Concen: 97.641 ng

RT: 7.385 min Scan# 6

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

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ClientSampleId :

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Tgt Ion: 99 Resp: 188432

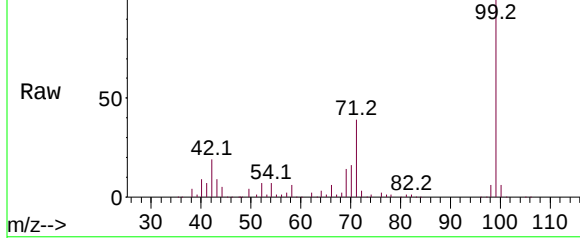
Ion Ratio Lower Upper

99 100

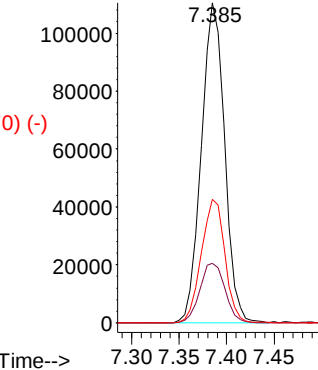
42 18.6 19.1 28.7#

71 38.6 33.4 50.2

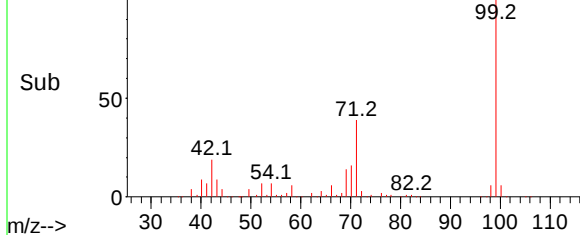
Abundance Scan 663 (7.385 min): BG052370.D\data.ms



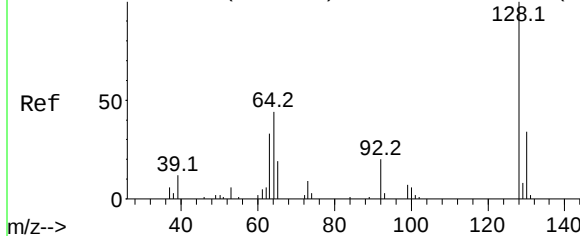
Abundance



Abundance Scan 663 (7.385 min): BG052370.D\data.ms (-570) (-)



Abundance Scan 732 (7.789 min): BG052305.D\data.ms (-724#8-)



2-Chlorophenol

Concen: 4.936 ng

RT: 7.796 min Scan# 733

Delta R.T. 0.007 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion:128 Resp: 6791

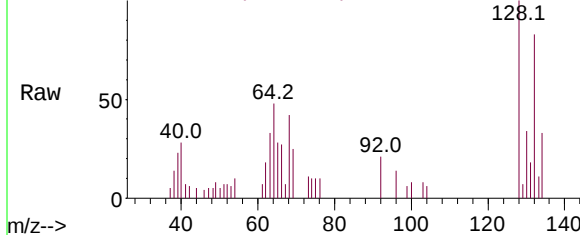
Ion Ratio Lower Upper

128 100

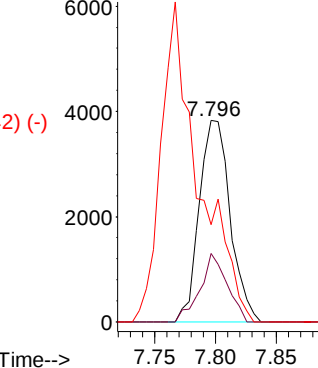
130 33.8 13.6 53.6

64 48.4 37.8 77.8

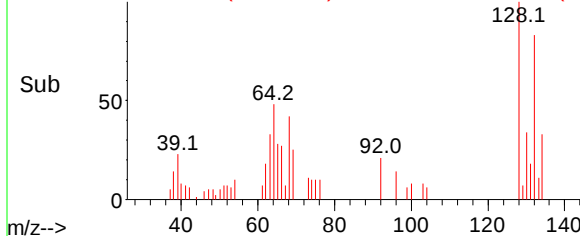
Abundance Scan 733 (7.796 min): BG052370.D\data.ms



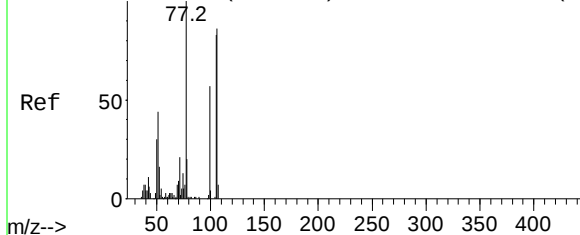
Abundance



Abundance Scan 733 (7.796 min): BG052370.D\data.ms (-642) (-)



Abundance Scan 657 (7.348 min): BG052305.D\data.ms (-649#9)



Benzaldehyde

Concen: 6.815 ng

RT: 7.362 min Scan# 6

Delta R.T. 0.014 min

Lab File: BG052370.D

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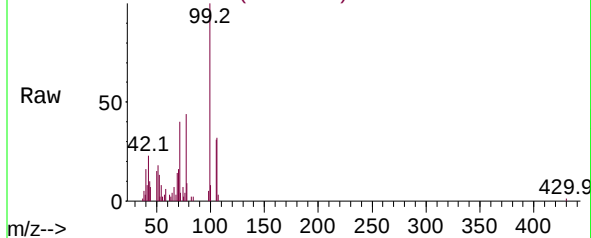
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Abundance Scan 659 (7.362 min): BG052370.D\data.ms



Tgt Ion: 77 Resp: 8074

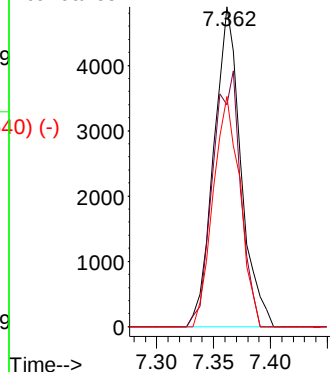
Ion Ratio Lower Upper

77 100

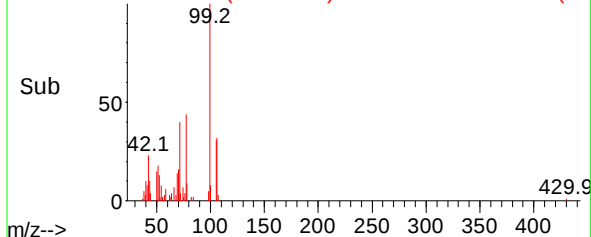
105 69.4 66.1 106.1

106 71.9 58.1 98.1

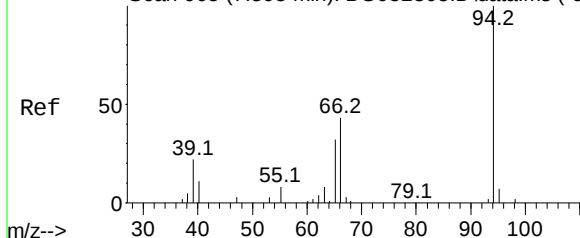
Abundance



Abundance Scan 659 (7.362 min): BG052370.D\data.ms (-640) (-)



Abundance Scan 665 (7.395 min): BG052305.D\data.ms (-657#10)



Phenol

Concen: 4.537 ng

RT: 7.414 min Scan# 668

Delta R.T. 0.019 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion: 94 Resp: 8700

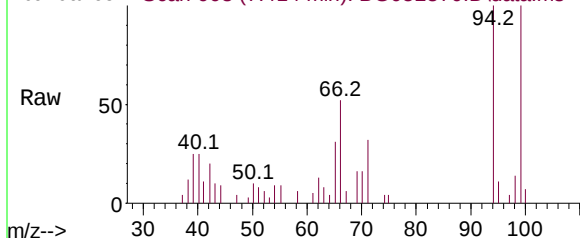
Ion Ratio Lower Upper

94 100

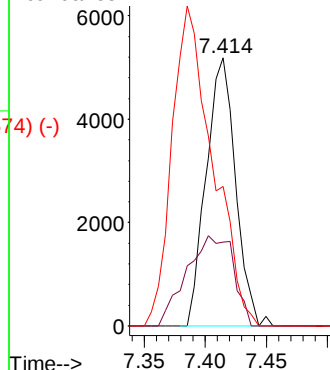
65 31.2 14.1 54.1

66 51.9 26.6 66.6

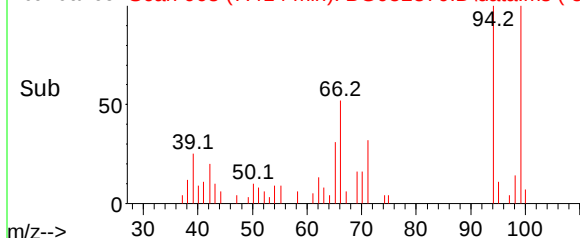
Abundance Scan 668 (7.414 min): BG052370.D\data.ms

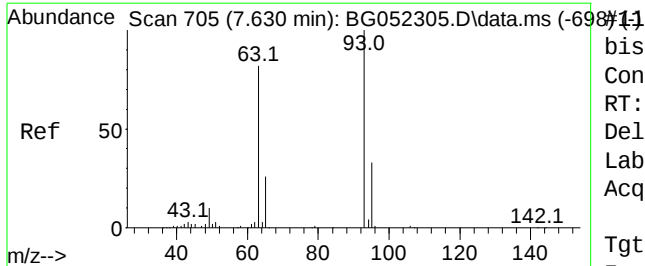


Abundance



Abundance Scan 668 (7.414 min): BG052370.D\data.ms (-574) (-)

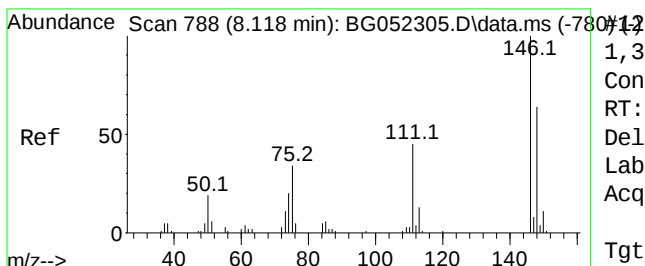
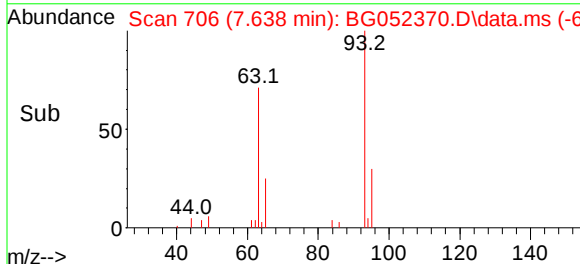
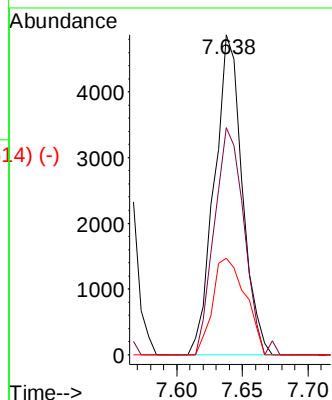
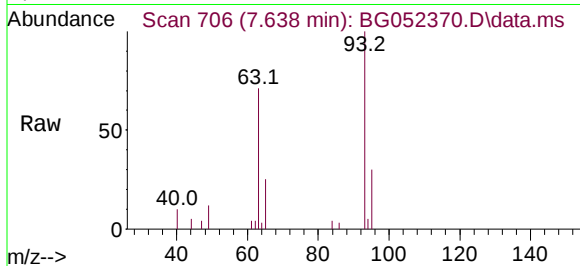




bis(2-Chloroethyl)ether
 Concen: 4.921 ng
 RT: 7.638 min Scan# 706
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

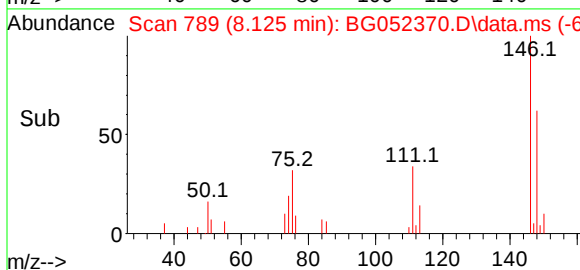
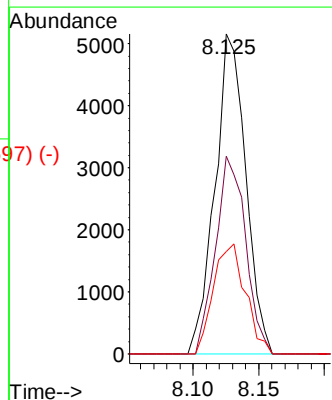
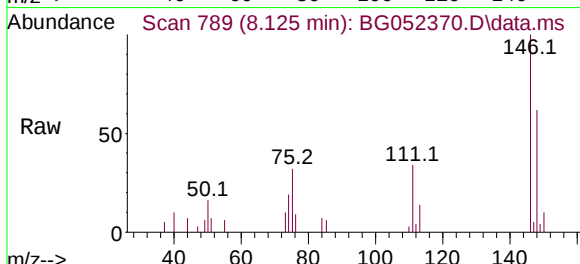
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Tgt Ion: 93	Resp:	7212	
Ion	Ratio	Lower	Upper
93	100		
63	70.9	67.1	107.1
95	30.1	13.0	53.0

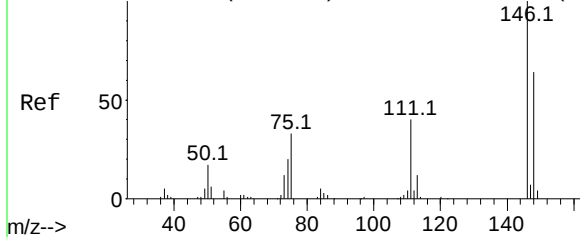


1,3-Dichlorobenzene
 Concen: 5.390 ng
 RT: 8.125 min Scan# 789
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt	Ion:146	Resp:	8450
Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.1	73.7
75	32.0	30.9	46.3



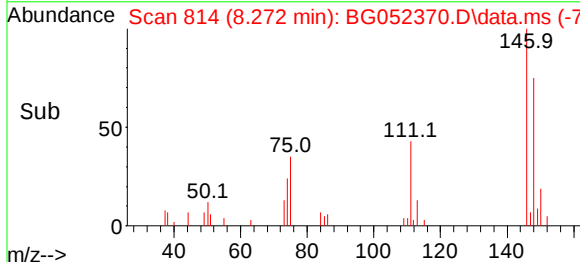
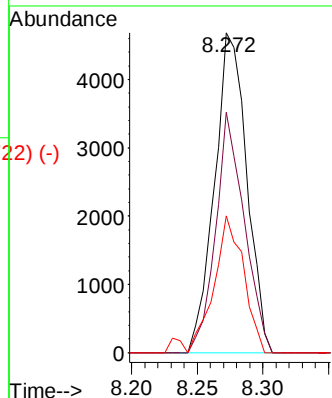
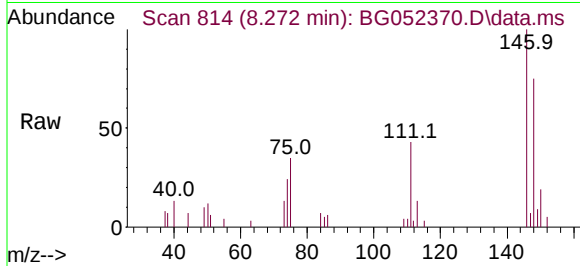
Abundance Scan 813 (8.264 min): BG052305.D\data.ms (-805) 13



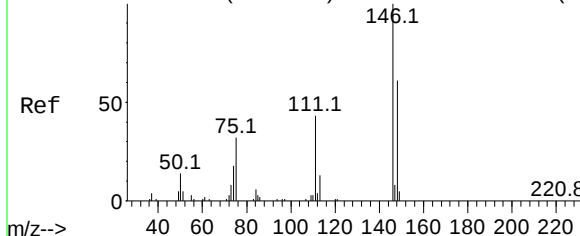
1,4-Dichlorobenzene
Concen: 5.024 ng
RT: 8.272 min Scan# 813
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:146	Resp:	8029
Ion	Ratio	Lower Upper
146	100	
148	75.2	52.6 78.8
111	42.8	33.8 50.8

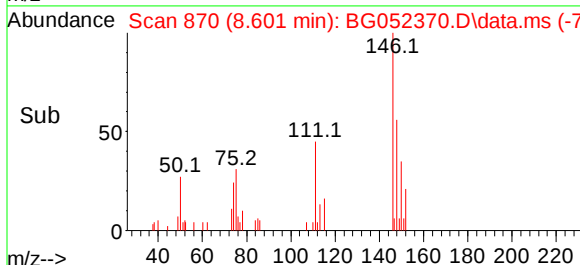
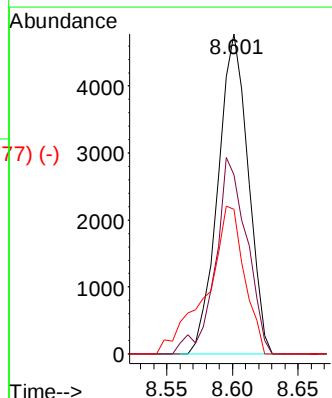
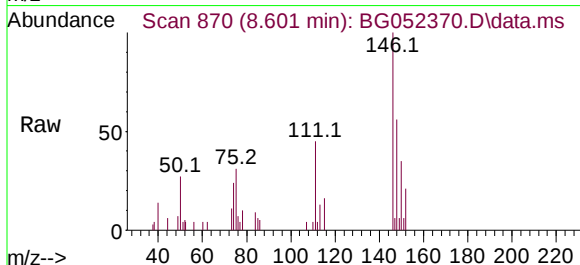


Abundance Scan 868 (8.588 min): BG052305.D\data.ms (-860) 14

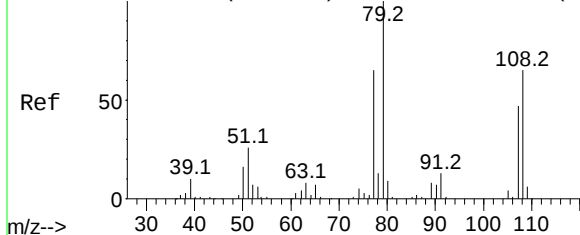


1,2-Dichlorobenzene
Concen: 4.867 ng
RT: 8.601 min Scan# 870
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:146	Resp:	7671
Ion	Ratio	Lower Upper
146	100	
148	56.0	46.5 69.7
111	45.2	37.0 55.4



Abundance Scan 846 (8.458 min): BG052305.D\data.ms (-838) 15

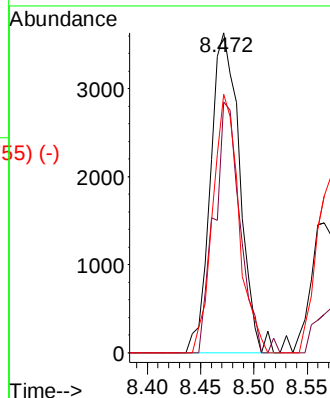
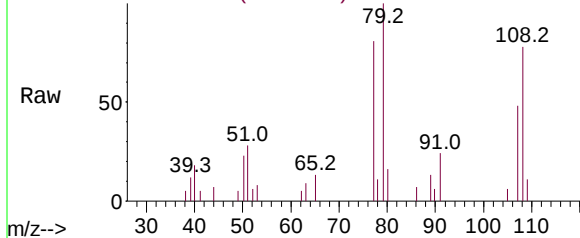


Benzyl Alcohol
Concen: 4.317 ng
RT: 8.472 min Scan# 838
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

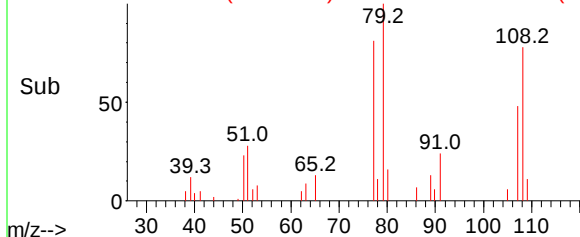
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt	Ion: 79	Resp:	6914
Ion	Ratio	Lower	Upper
79	100		
108	78.3	53.8	80.6
77	80.8	54.4	81.6

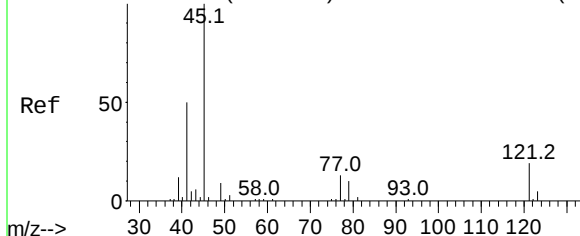
Abundance Scan 848 (8.472 min): BG052370.D\data.ms



Abundance Scan 848 (8.472 min): BG052370.D\data.ms (-755) (-)



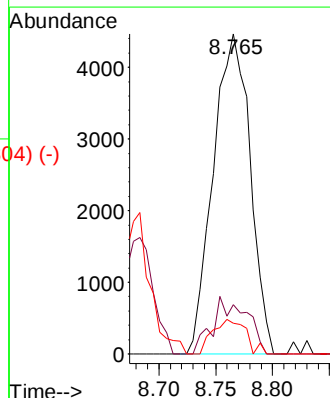
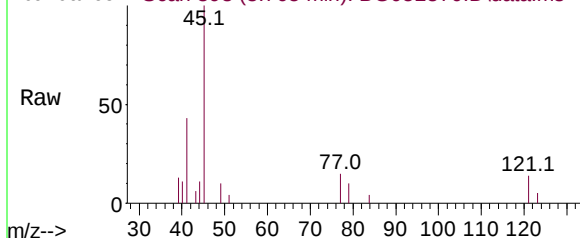
Abundance Scan 895 (8.746 min): BG052305.D\data.ms (-887) 16



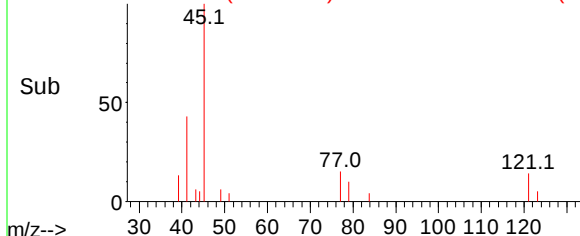
2,2'-oxybis(1-Chloropropane)
Concen: 4.764 ng
RT: 8.765 min Scan# 898
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

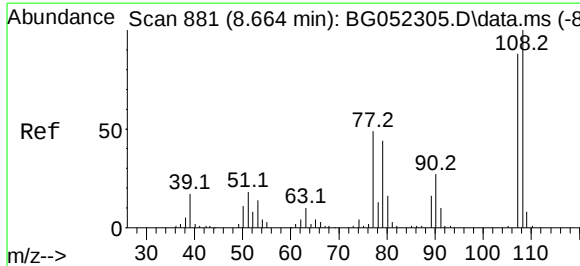
Tgt	Ion: 45	Resp:	10083
Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.8
79	9.7	0.0	31.1

Abundance Scan 898 (8.765 min): BG052370.D\data.ms



Abundance Scan 898 (8.765 min): BG052370.D\data.ms (-804) (-)





2-Methylphenol

Concen: 4.555 ng

RT: 8.683 min Scan# 881

Delta R.T. 0.019 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion:107 Resp: 5763

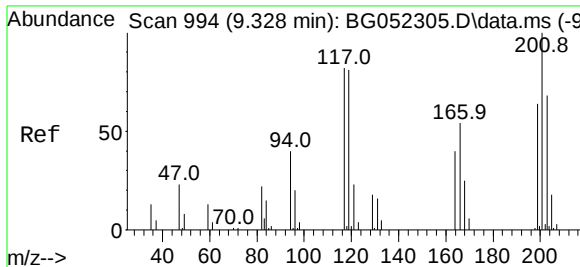
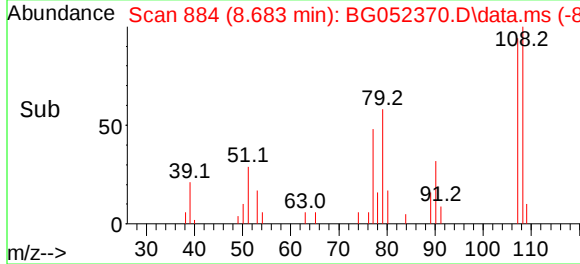
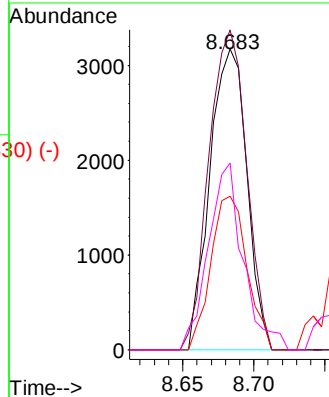
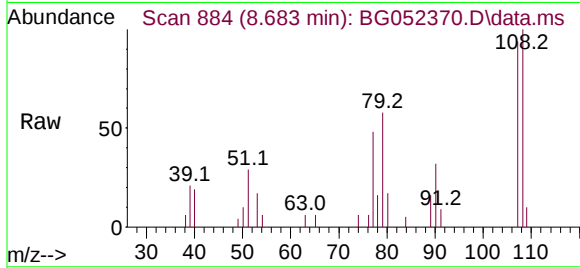
Ion Ratio Lower Upper

107 100

108 106.4 90.3 135.5

77 51.1 49.0 73.6

79 62.0 48.2 72.2



Hexachloroethane

Concen: 5.703 ng

RT: 9.341 min Scan# 996

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

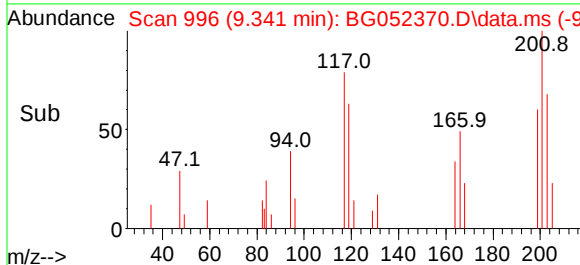
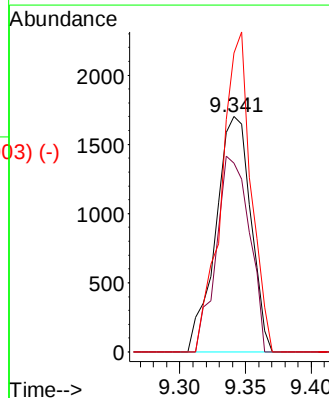
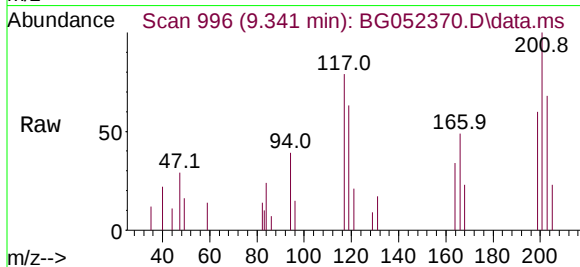
Tgt Ion:117 Resp: 3169

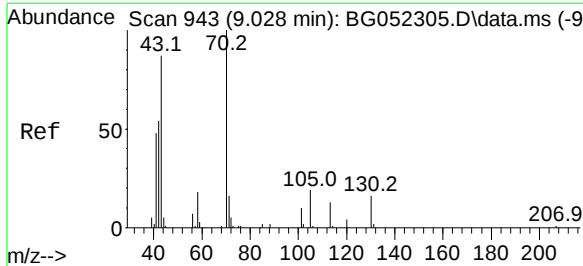
Ion Ratio Lower Upper

117 100

119 80.1 73.5 110.3

201 126.9 91.0 136.6





n-Nitroso-di-n-propylamine

Concen: 4.590 ng

RT: 9.042 min Scan# 943

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 70 Resp: 6678

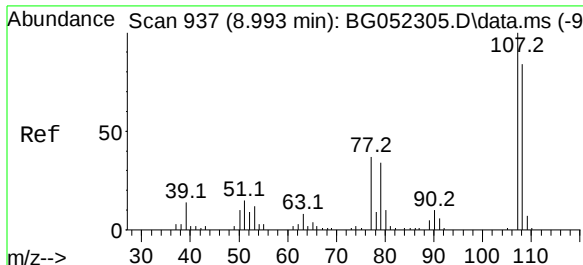
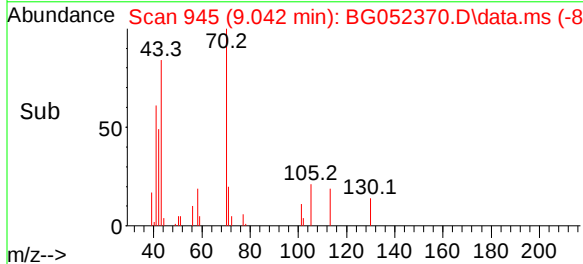
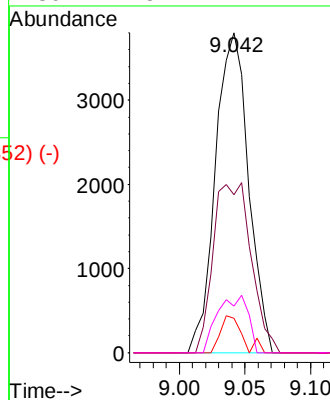
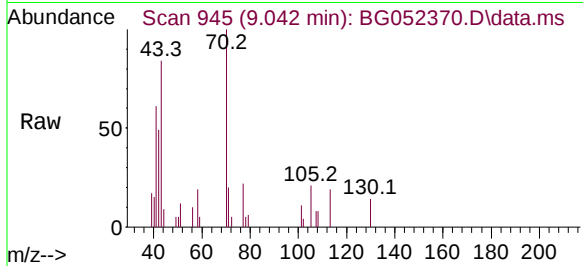
Ion Ratio Lower Upper

70 100

42 49.3 51.8 77.6#

101 10.7 6.6 10.0#

130 14.5 14.7 22.1#



3+4-Methylphenols

Concen: 4.294 ng

RT: 9.012 min Scan# 940

Delta R.T. 0.019 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion: 107 Resp: 7773

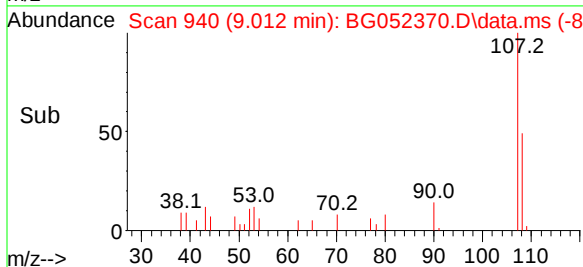
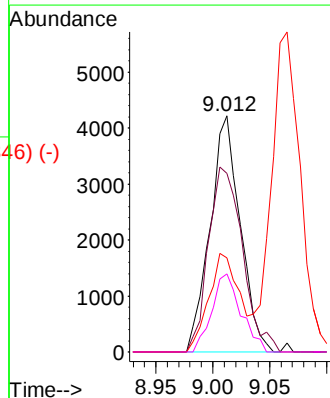
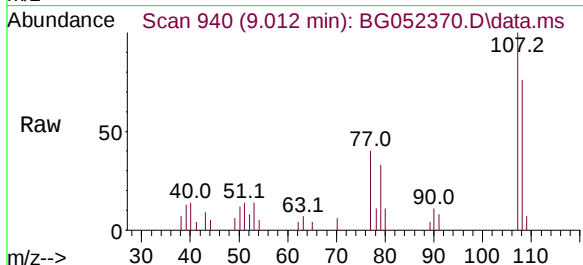
Ion Ratio Lower Upper

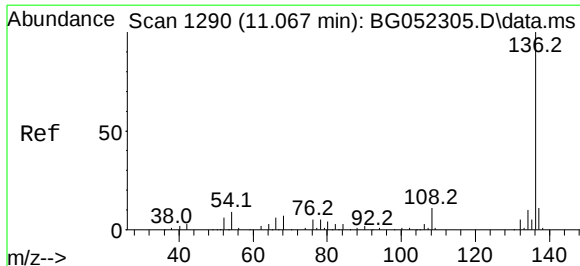
107 100

108 75.8 71.9 111.9

77 40.0 24.6 64.6

79 33.0 18.2 58.2





Naphthalene-d8

Concen: 20.000 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion:136 Resp: 90058

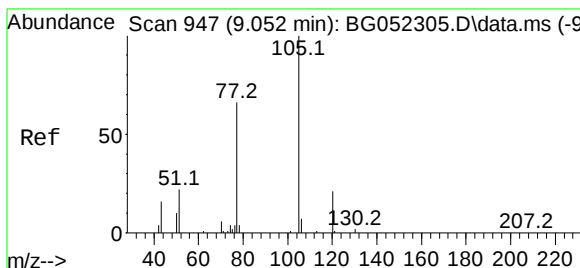
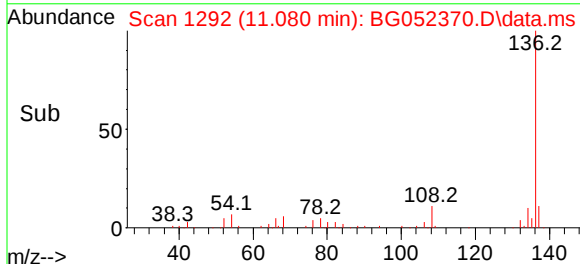
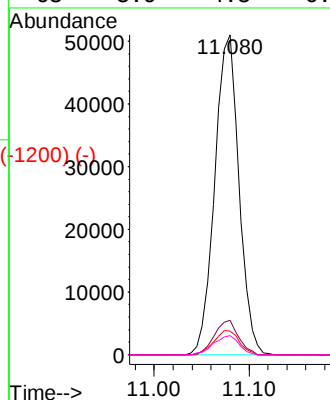
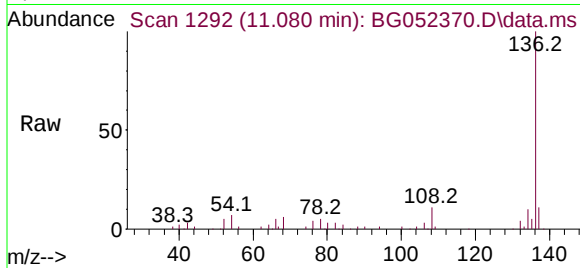
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.3 8.3 12.5#

68 5.9 4.5 6.7



Acetophenone

Concen: 4.857 ng

RT: 9.065 min Scan# 949

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion:105 Resp: 11561

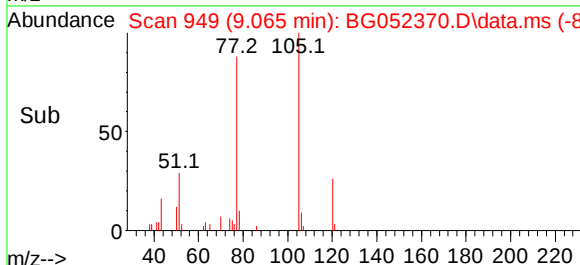
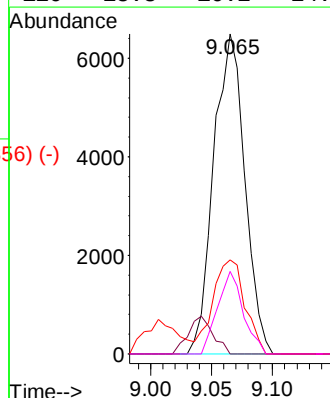
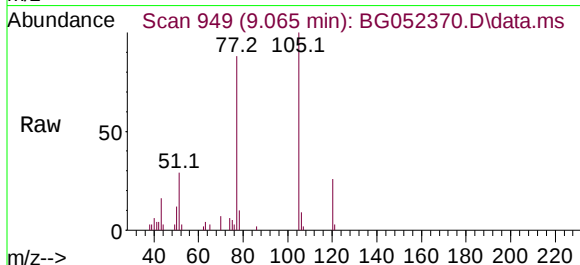
Ion Ratio Lower Upper

105 100

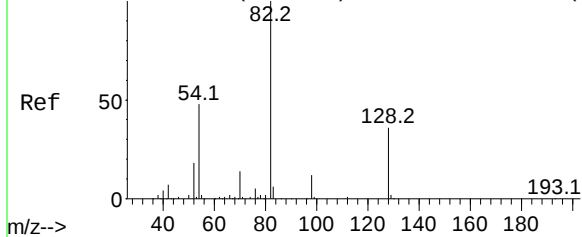
71 0.0 1.8 2.6#

51 29.3 27.0 40.4

120 25.8 16.2 24.4#



Abundance Scan 1006 (9.398 min): BG052305.D\data.ms (-9922)



Nitrobenzene-d5

Concen: 70.433 ng

RT: 9.412 min Scan# 1

Delta R.T. 0.013 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 82 Resp: 145947

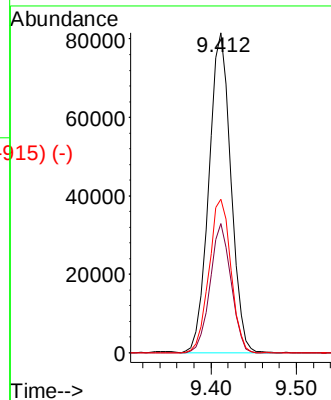
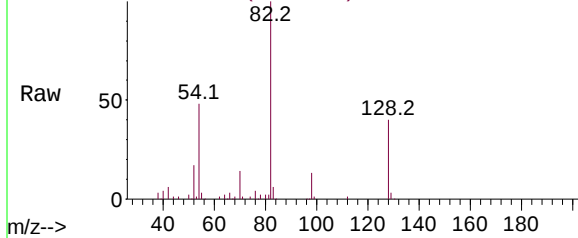
Ion Ratio Lower Upper

82 100

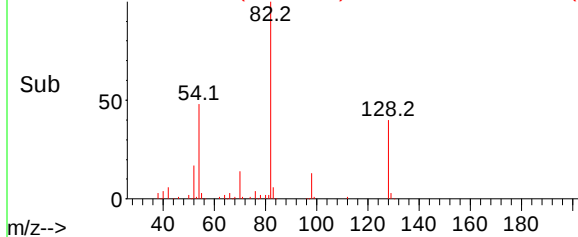
128 40.4 27.0 40.4

54 47.9 41.0 61.6

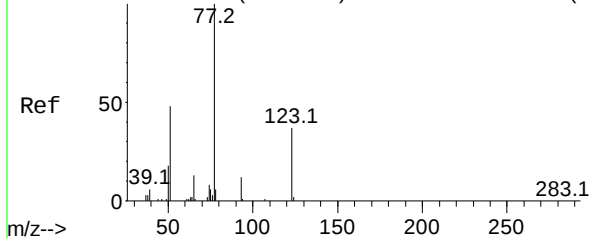
Abundance Scan 1008 (9.412 min): BG052370.D\data.ms



Abundance Scan 1008 (9.412 min): BG052370.D\data.ms (-915) (-)



Abundance Scan 1014 (9.445 min): BG052305.D\data.ms (-10021) (-)



Nitrobenzene

Concen: 5.062 ng

RT: 9.453 min Scan# 1015

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Tgt Ion: 77 Resp: 9950

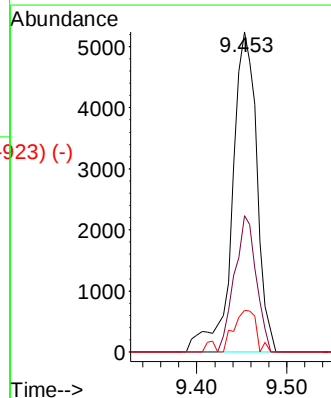
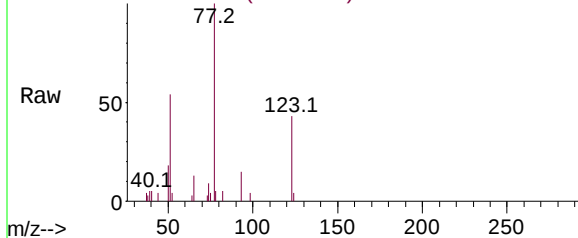
Ion Ratio Lower Upper

77 100

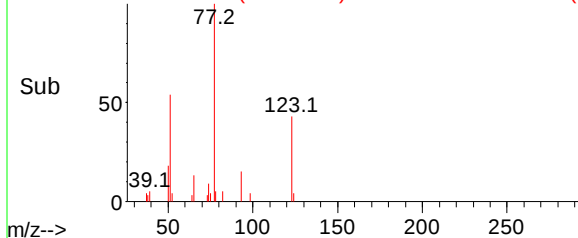
123 42.6 27.1 40.7#

65 13.0 11.2 16.8

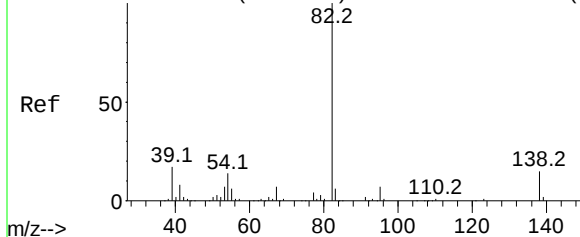
Abundance Scan 1015 (9.453 min): BG052370.D\data.ms



Abundance Scan 1015 (9.453 min): BG052370.D\data.ms (-923) (-)



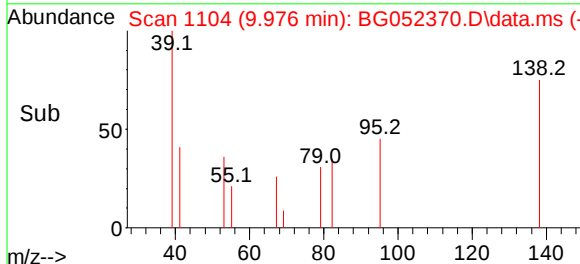
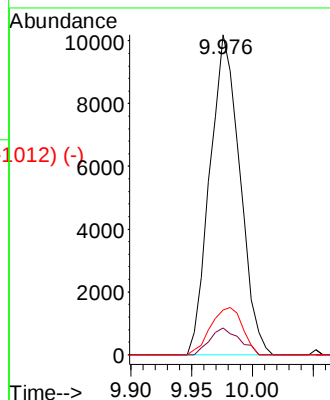
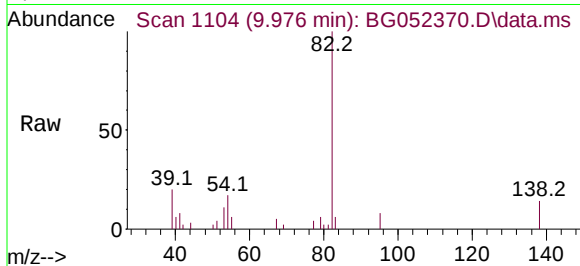
Abundance Scan 1103 (9.968 min): BG052305.D\data.ms (-1025) (-)



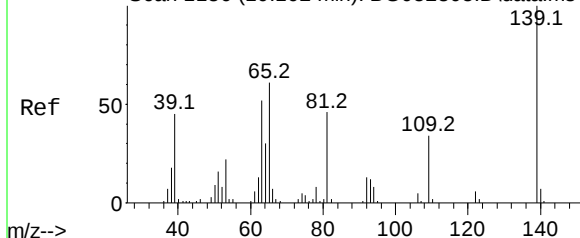
Isophorone
Concen: 4.931 ng
RT: 9.976 min Scan# 1104
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion: 82	Resp: 17385
Ion Ratio	Lower Upper
82 100	
95 8.4	6.6 9.8
138 14.0	12.5 18.7

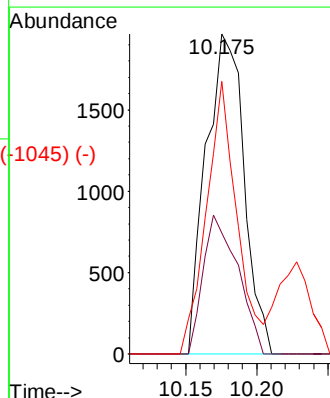
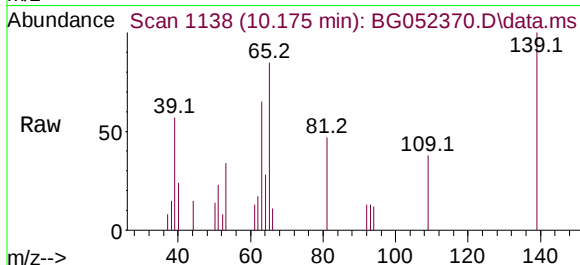


Abundance Scan 1136 (10.162 min): BG052305.D\data.ms (-1126) (-)

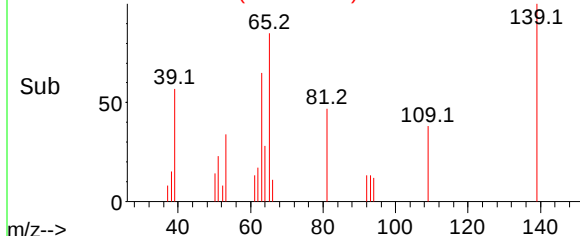


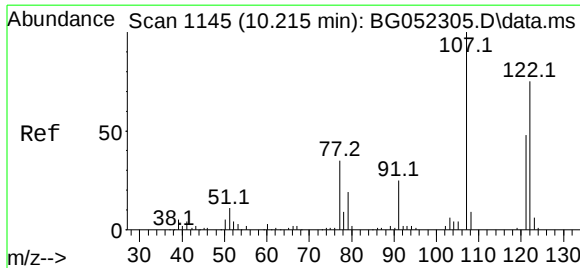
2-Nitrophenol
Concen: 4.397 ng
RT: 10.175 min Scan# 1138
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:139	Resp:	3663	
Ion Ratio	Lower	Upper	
139 100			
109 37.8	30.4	45.6	
65 85.3	55.7	83.5#	



Abundance Scan 1138 (10.175 min): BG052370.D\data.ms (-1045) (-)

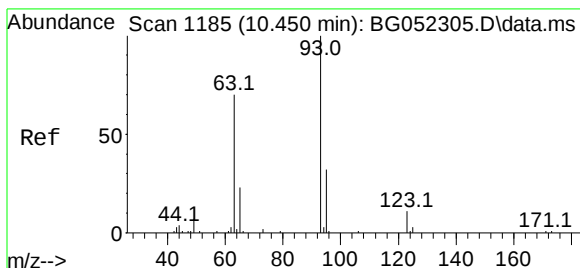
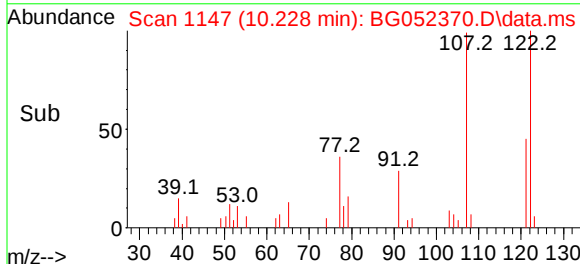
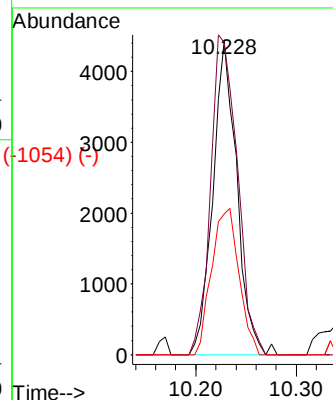
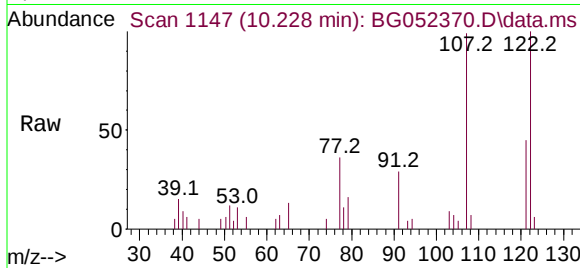




2,4-Dimethylphenol
 Concen: 5.945 ng
 RT: 10.228 min Scan# 1147
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

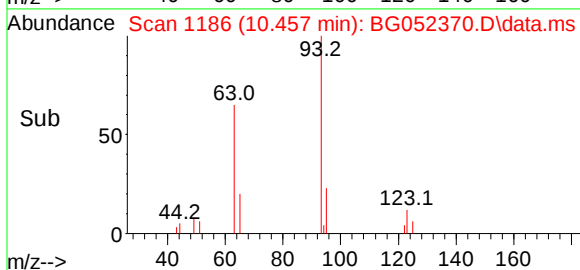
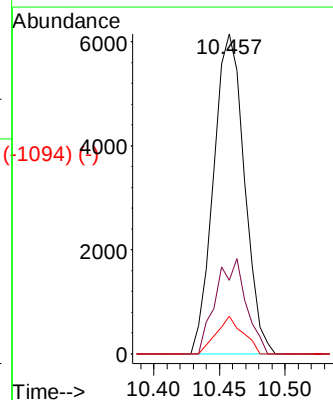
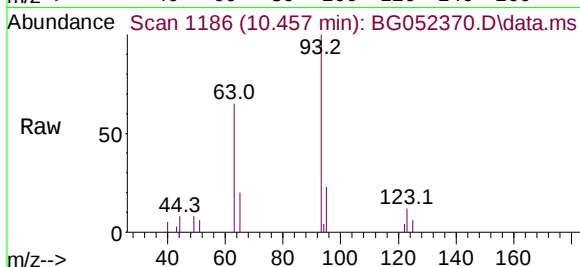
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

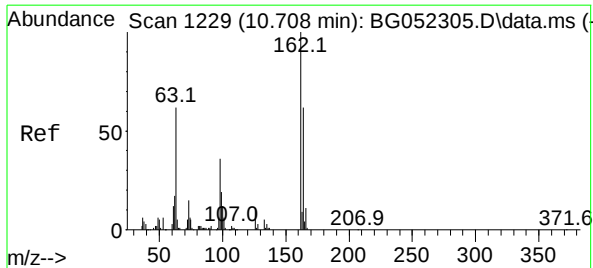
Tgt Ion:	122	Resp:	7333
Ion	Ratio	Lower	Upper
122	100		
107	99.5	105.8	158.8#
121	44.9	48.6	72.8#



bis(2-Chloroethoxy)methane
 Concen: 5.036 ng
 RT: 10.457 min Scan# 1186
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:	93	Resp:	10077
Ion	Ratio	Lower	Upper
93	100		
95	22.9	26.1	39.1#
123	11.8	7.6	11.4#

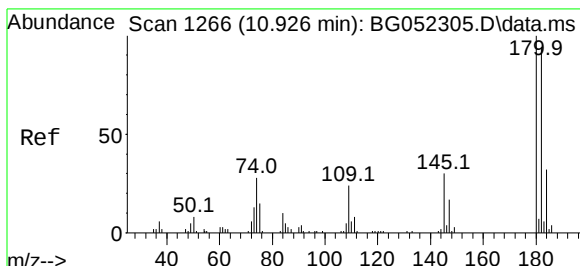
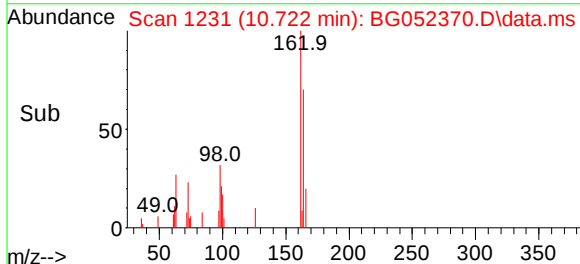
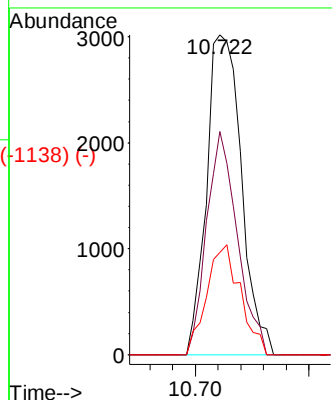
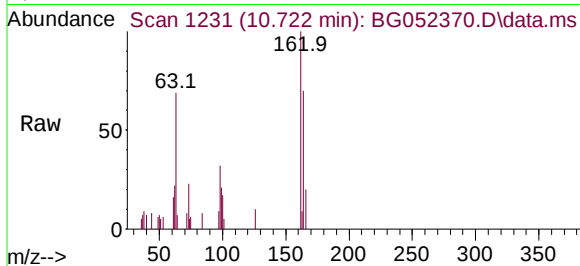




2,4-Dichlorophenol
Concen: 4.325 ng
RT: 10.722 min Scan# 1229
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

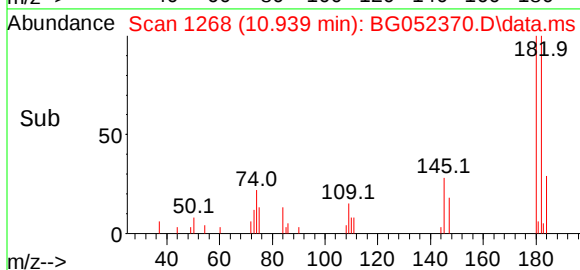
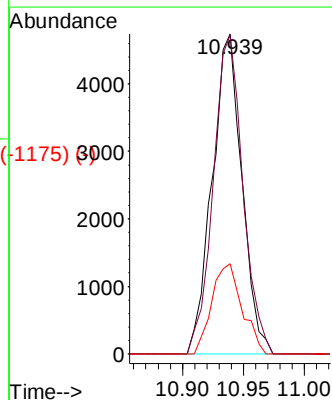
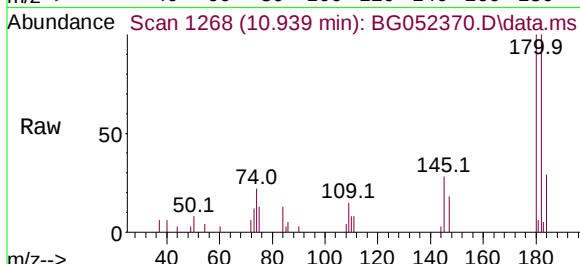
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

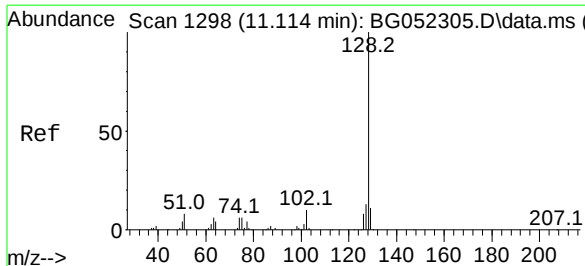
Tgt Ion:162	Resp:	6395	
Ion	Ratio	Lower	Upper
162	100		
164	69.8	44.3	84.3
98	31.9	17.2	57.2



1,2,4-Trichlorobenzene
Concen: 4.668 ng
RT: 10.939 min Scan# 1268
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:180	Resp:	8059	
Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.1	114.1
145	28.2	24.0	36.0

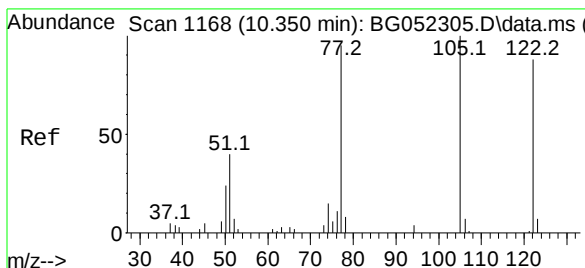
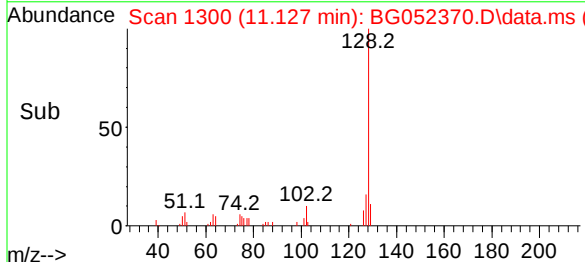
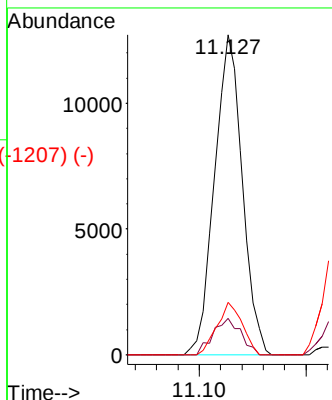
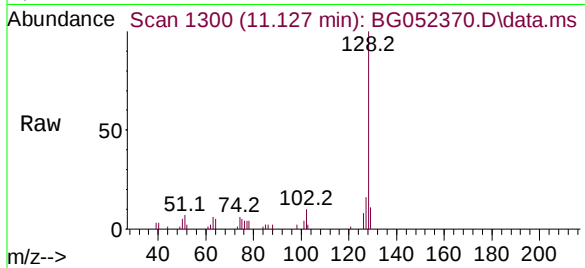




Naphthalene
 Concen: 4.878 ng
 RT: 11.127 min Scan# 1299
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

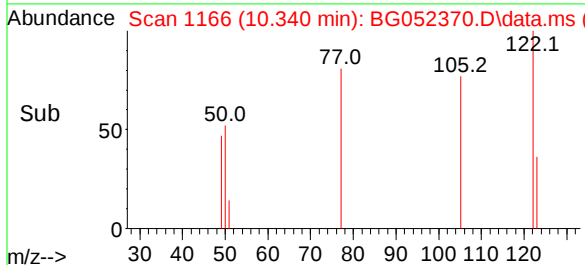
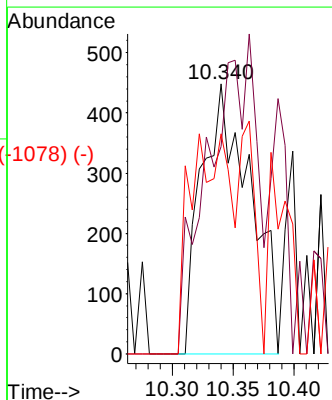
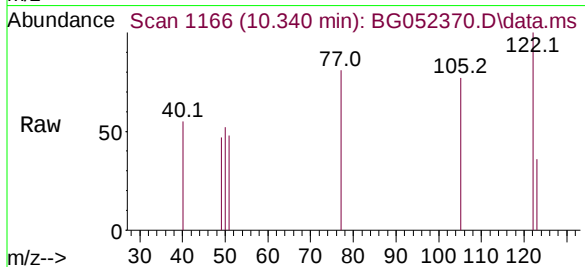
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

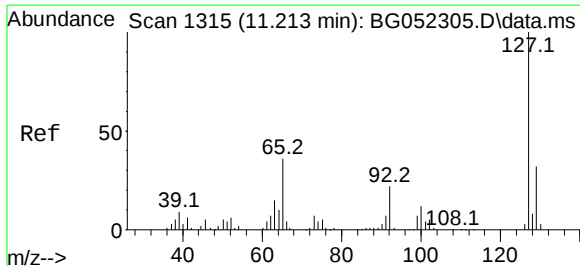
Tgt Ion:128 Resp: 23032
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.8 14.6
 127 16.4 12.0 18.0



Benzoic acid
 Concen: 1.706 ng
 RT: 10.340 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:122 Resp: 1236
 Ion Ratio Lower Upper
 122 100
 105 76.8 109.2 149.2#
 77 81.5 92.8 132.8#

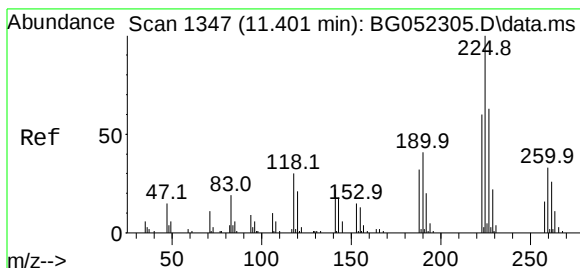
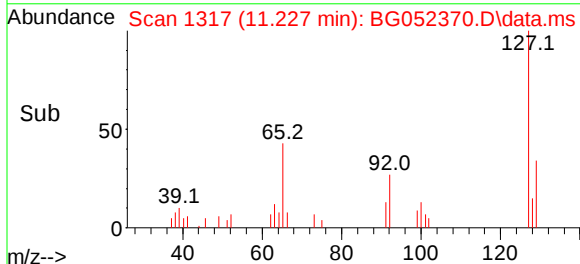
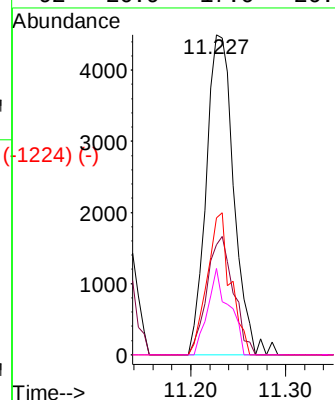
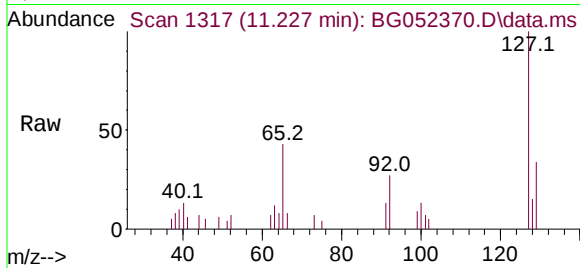




4-Chloroaniline
 Concen: 4.581 ng
 RT: 11.227 min Scan# 1317
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

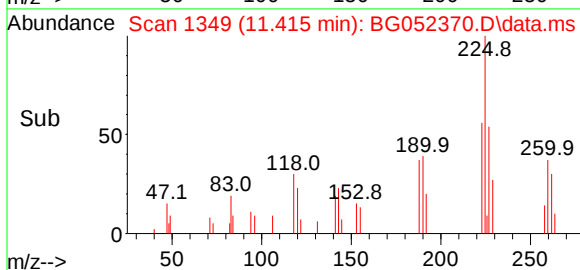
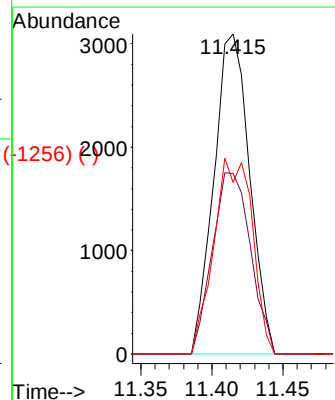
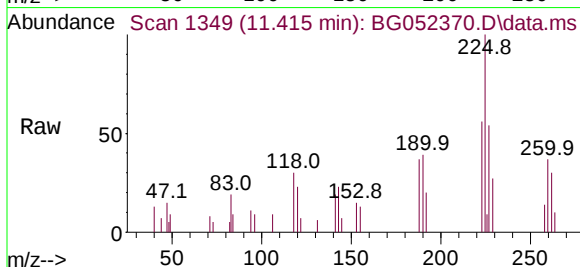
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

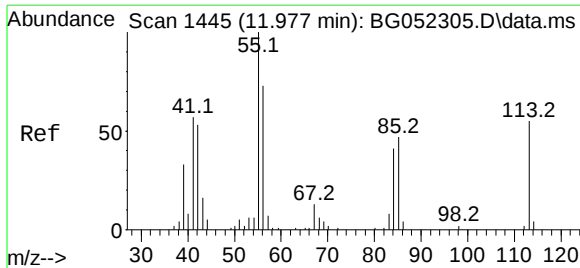
Tgt	Ion:127	Resp:	9029
Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.0	40.6
65	42.7	28.7	43.1
92	26.9	17.6	26.4#



Hexachlorobutadiene
 Concen: 4.656 ng
 RT: 11.415 min Scan# 1349
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:225	Resp:	5429	
Ion Ratio	Lower	Upper	
225 100			
223 56.4	51.6	77.4	
227 53.6	53.9	80.9#	

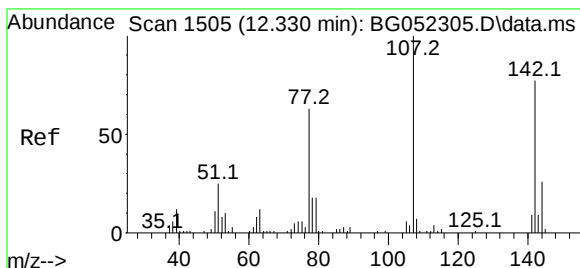
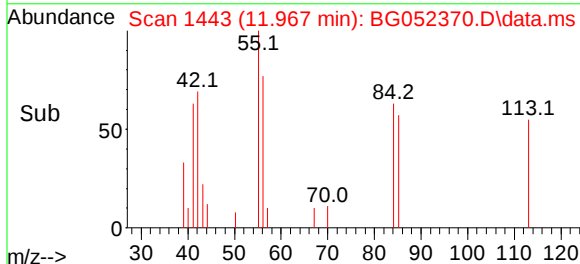
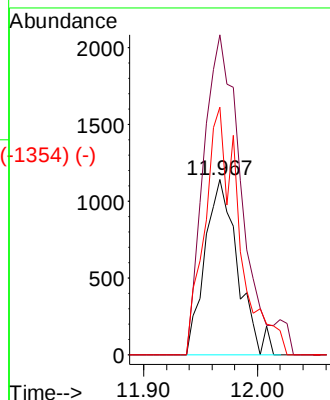
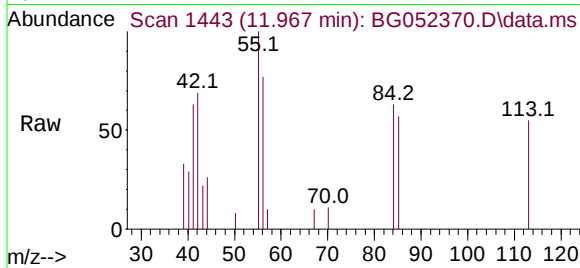




Caprolactam
Concen: 4.205 ng
RT: 11.967 min Scan# 1443
Delta R.T. -0.010 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

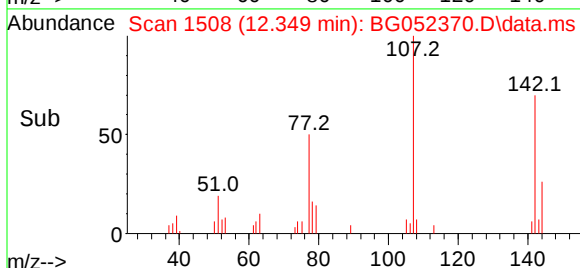
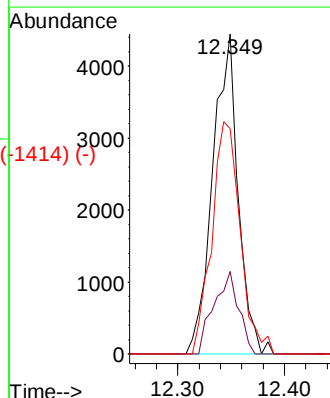
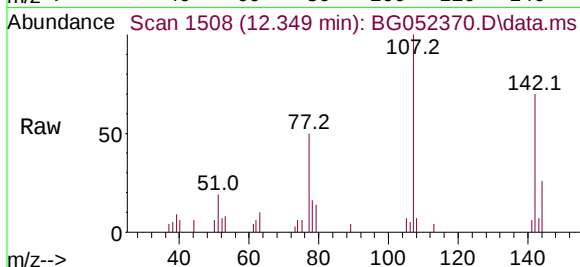
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2021

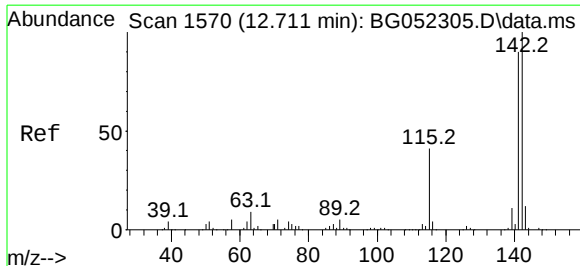
Tgt Ion:113	Resp:	2266
Ion	Ratio	Lower Upper
113	100	
55	182.7	161.4 201.4
56	141.4	132.6 172.6



4-Chloro-3-methylphenol
Concen: 4.396 ng
RT: 12.349 min Scan# 1508
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:107	Resp:	7394
Ion	Ratio	Lower Upper
107	100	
144	25.9	19.3 28.9
142	70.3	63.9 95.9

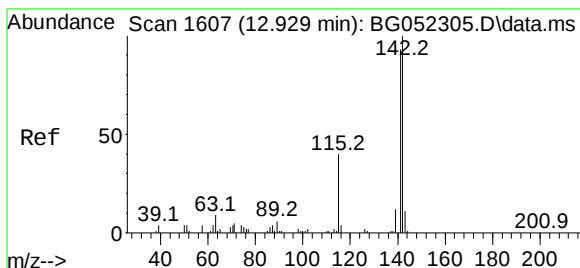
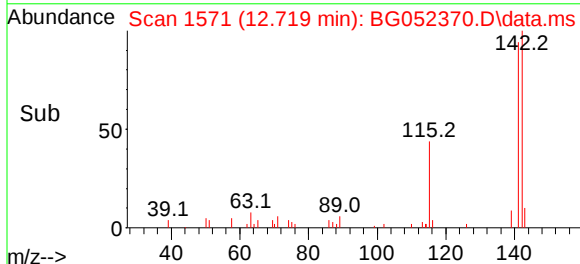
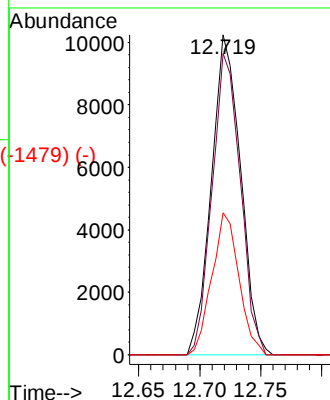
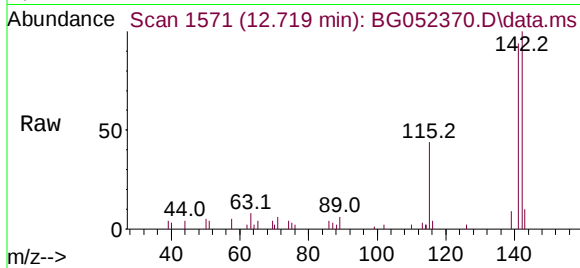




2-Methylnaphthalene
Concen: 4.866 ng
RT: 12.719 min Scan# 1570
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

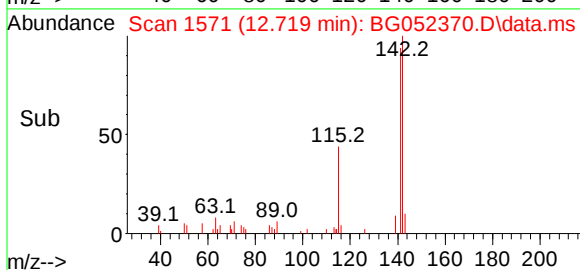
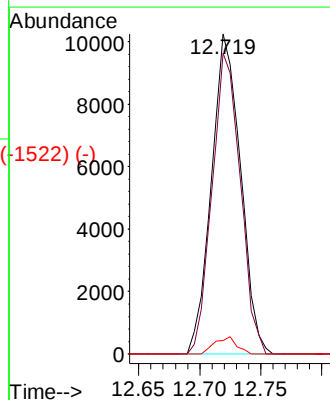
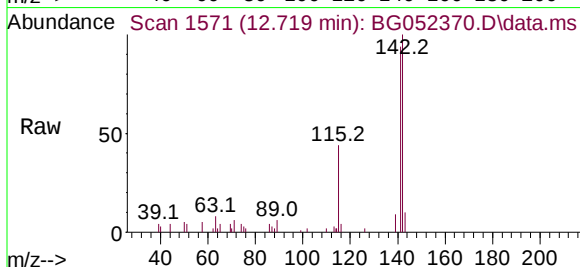
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2021

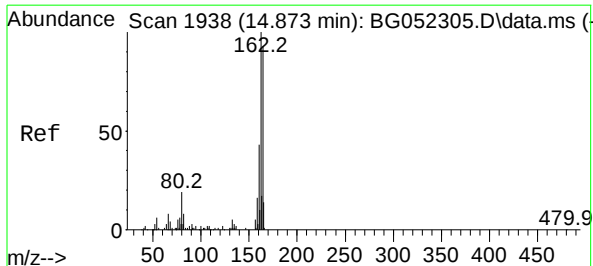
Tgt Ion:142 Resp: 17062
Ion Ratio Lower Upper
142 100
141 94.1 71.7 107.5
115 44.4 32.2 48.4



1-Methylnaphthalene
Concen: 5.021 ng
RT: 12.719 min Scan# 1571
Delta R.T. -0.210 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:142 Resp: 17062
Ion Ratio Lower Upper
142 100
141 94.1 75.0 112.4
116 4.3 4.2 6.4

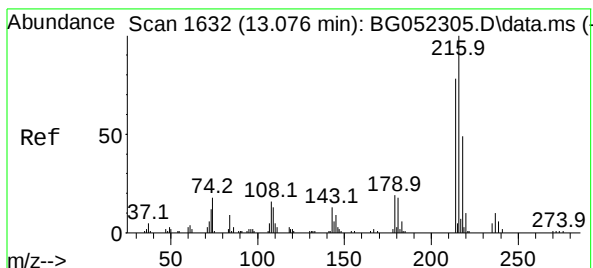
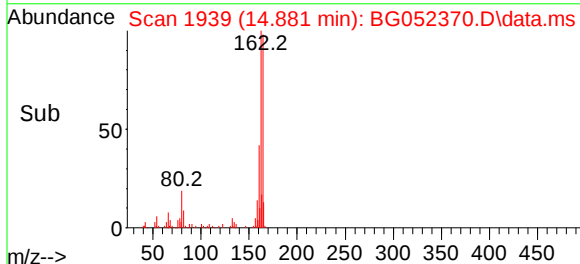
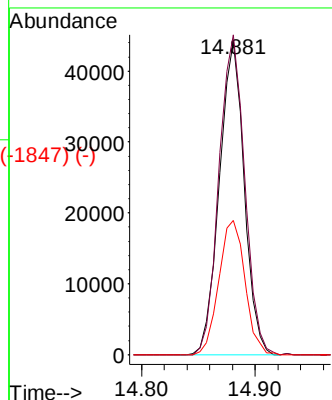
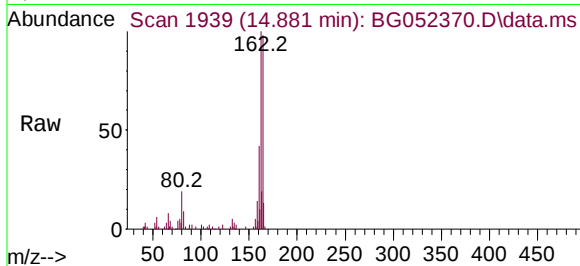




Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

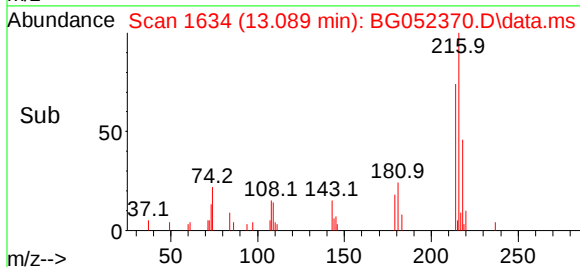
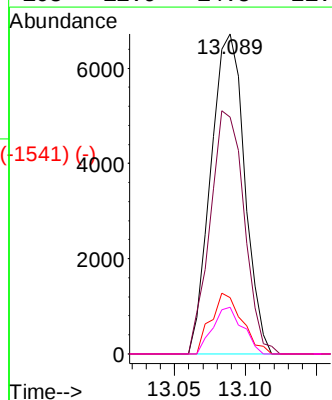
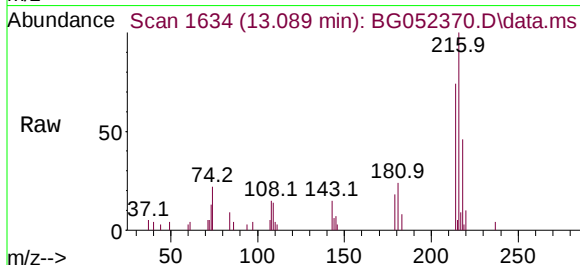
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

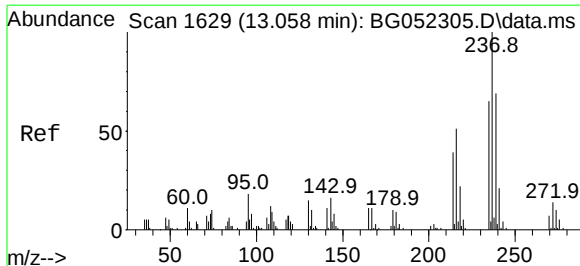
Tgt Ion:164 Resp: 66817
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 42.7 36.2 54.2



1,2,4,5-Tetrachlorobenzene
Concen: 5.072 ng
RT: 13.089 min Scan# 1634
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:216 Resp: 11147
Ion Ratio Lower Upper
216 100
214 76.3 63.2 94.8
179 17.5 16.3 24.5
108 12.9 14.5 21.7#

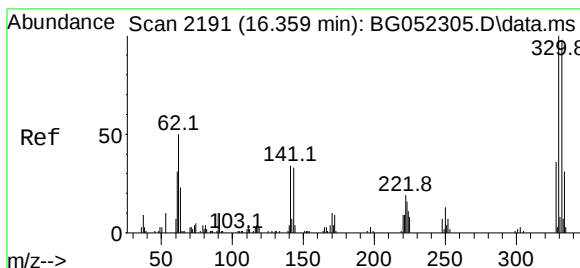
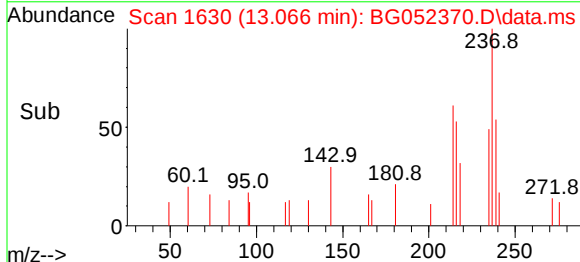
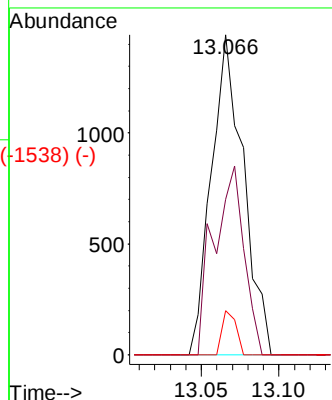
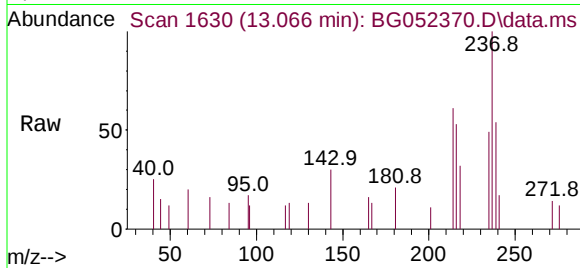




Hexachlorocyclopentadiene
 Concen: 2.243 ng
 RT: 13.066 min Scan# 1630
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

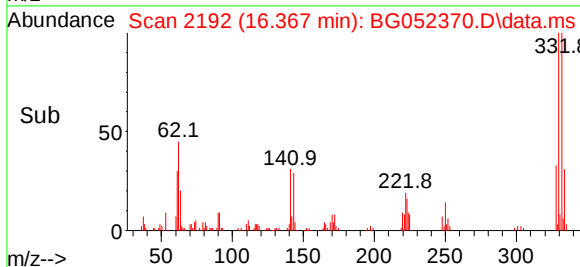
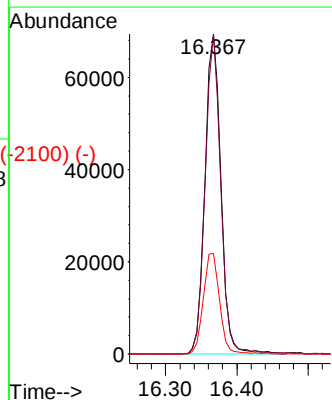
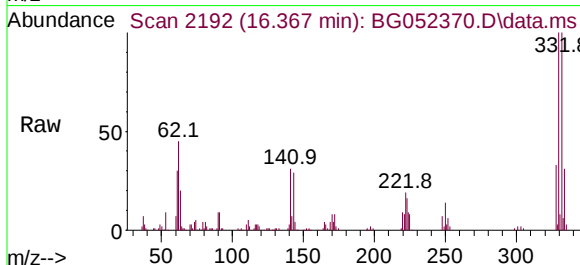
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

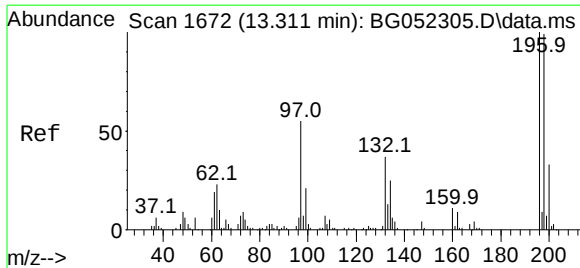
Tgt Ion:	237	Resp:	2081
Ion	Ratio	Lower	Upper
237	100		
235	48.5	45.9	85.9
272	13.9	0.0	33.0



2,4,6-Tribromophenol
 Concen: 113.091 ng
 RT: 16.367 min Scan# 2192
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:	330	Resp:	108560
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	32.0	28.8	43.2

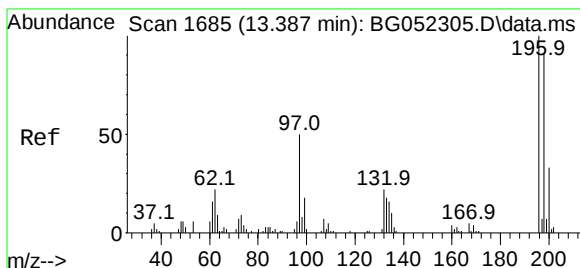
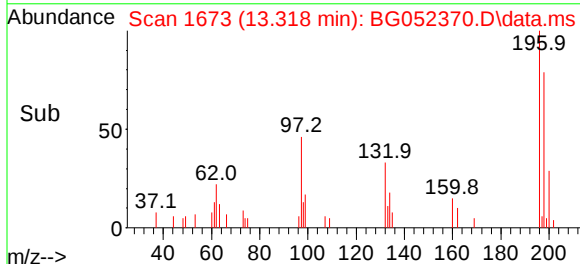
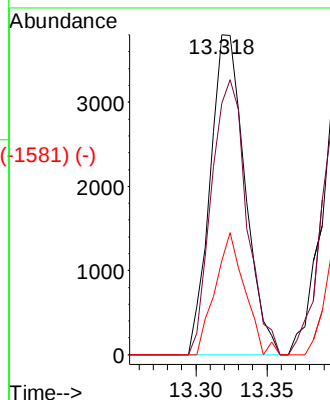
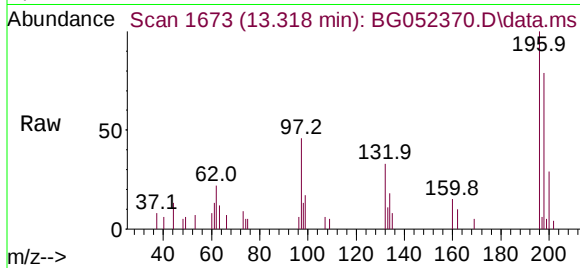




Scan 1672 (13.311 min): BG052305.D\data.ms (-1643) (-)
 2,4,6-Trichlorophenol
 Concen: 4.515 ng
 RT: 13.318 min Scan# 1672
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

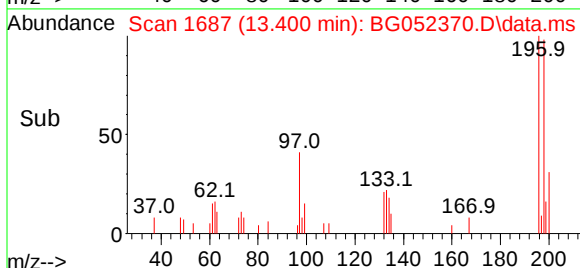
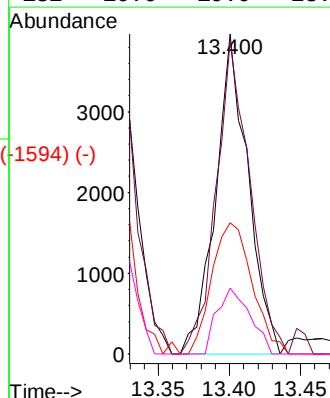
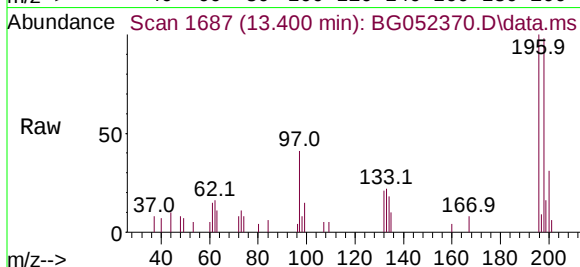
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

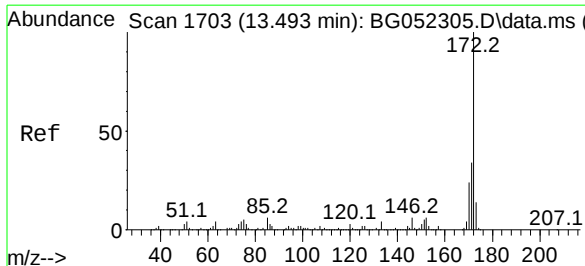
Tgt Ion:196	Resp:	6490
Ion Ratio	Lower	Upper
196	100	
198	78.5	78.4 117.6
200	29.4	28.5 42.7



Scan 1685 (13.387 min): BG052305.D\data.ms (-1678) (-)
 2,4,5-Trichlorophenol
 Concen: 4.045 ng
 RT: 13.400 min Scan# 1687
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:196	Resp:	6301
Ion Ratio	Lower	Upper
196	100	
198	97.9	78.6 118.0
97	41.1	43.8 65.8#
132	20.6	19.0 28.6

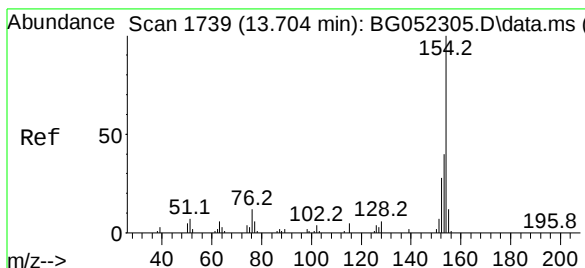
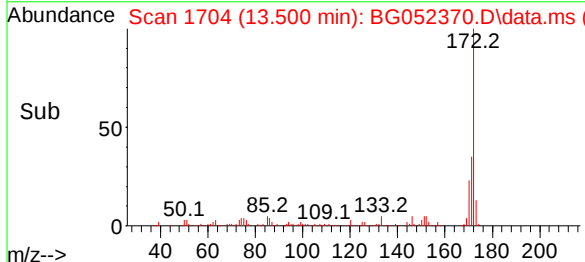
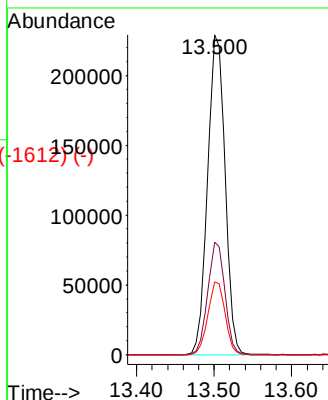
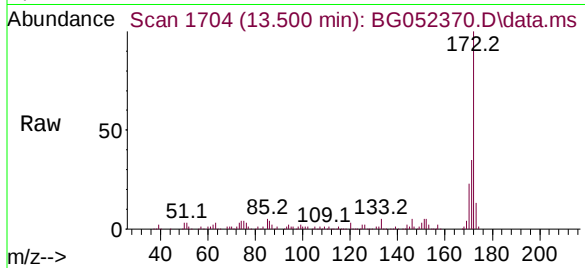




2-Fluorobiphenyl
 Concen: 73.891 ng
 RT: 13.500 min Scan# 1704
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

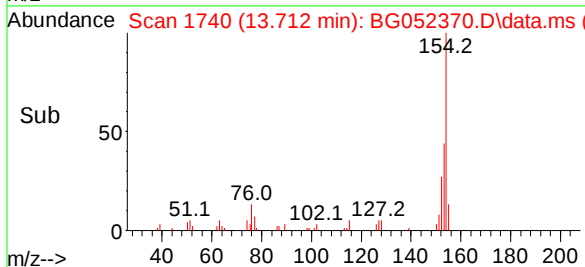
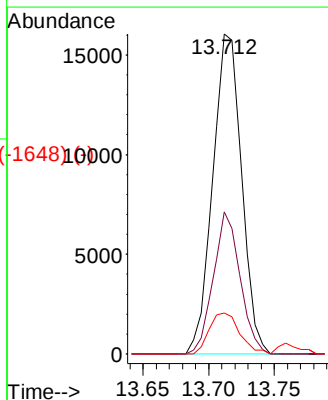
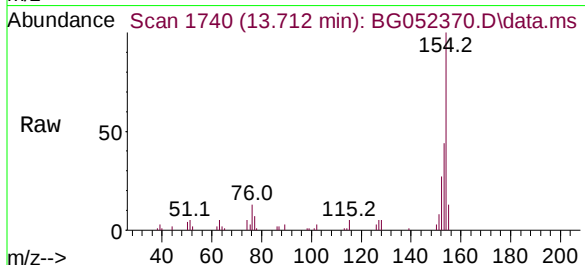
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

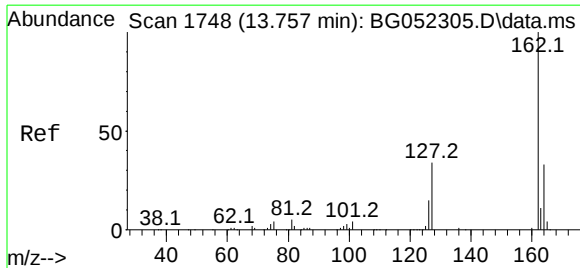
Tgt Ion:172 Resp: 355314
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 22.7 18.3 27.5



1,1'-Biphenyl
 Concen: 5.023 ng
 RT: 13.712 min Scan# 1740
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:154 Resp: 24611
 Ion Ratio Lower Upper
 154 100
 153 44.4 21.1 61.1
 76 12.8 0.0 32.6

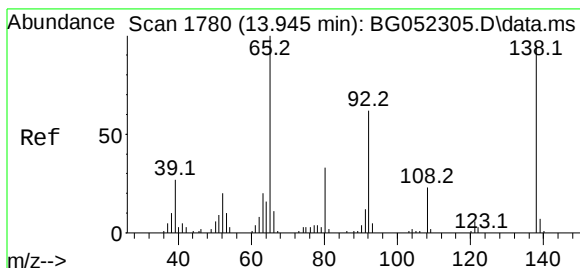
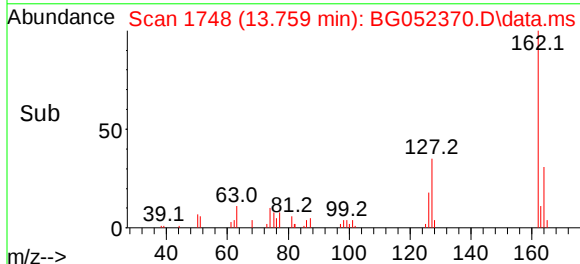
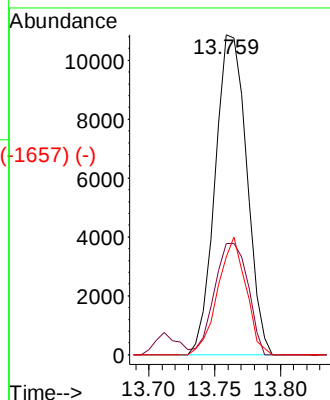
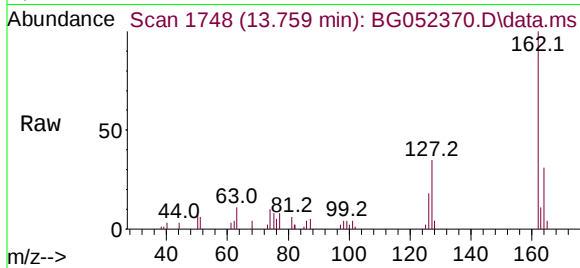




2-Chloronaphthalene
 Concen: 4.838 ng
 RT: 13.759 min Scan# 1749
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

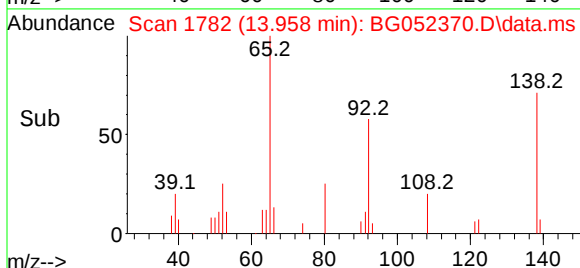
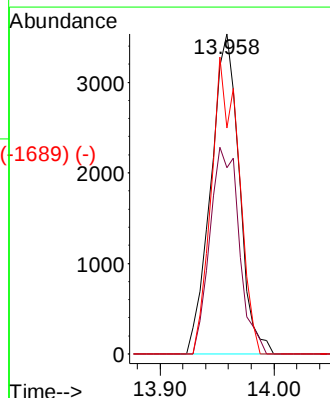
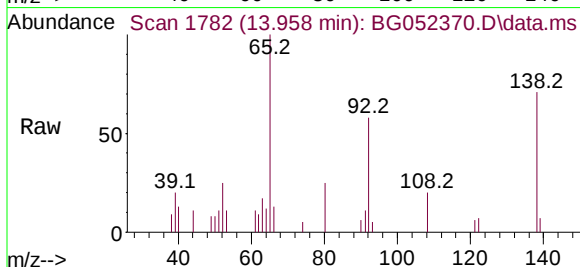
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

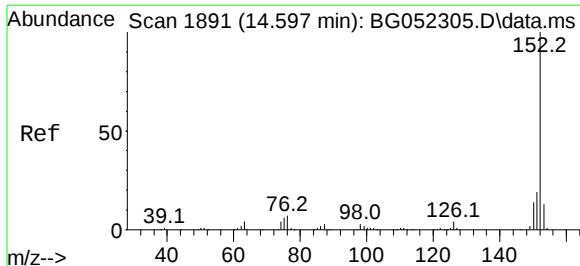
Tgt Ion:162	Resp:	18264
Ion Ratio	Lower	Upper
162	100	
127	34.7	30.4 45.6
164	30.6	25.0 37.4



2-Nitroaniline
 Concen: 4.544 ng
 RT: 13.958 min Scan# 1782
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion: 65	Resp:	6106
Ion Ratio	Lower	Upper
65	100	
92	58.3	51.0 76.6
138	70.7	72.4 108.6#





Acenaphthylene

Concen: 5.279 ng

RT: 14.605 min Scan# 1891

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

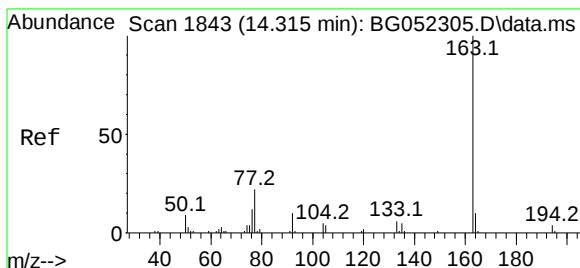
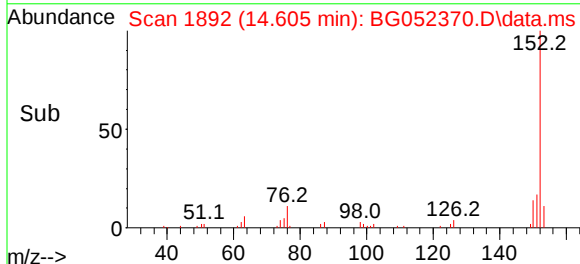
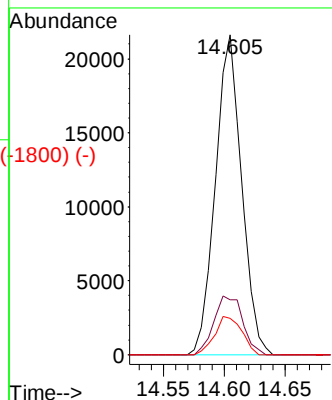
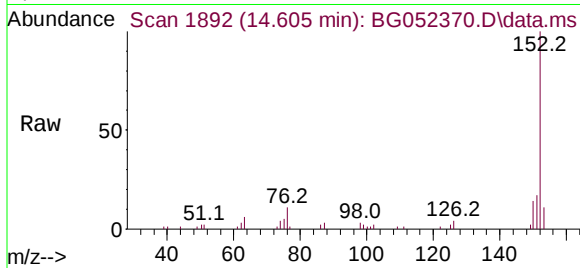
Tgt Ion:152 Resp: 32439

Ion Ratio Lower Upper

152 100

151 17.3 16.1 24.1

153 11.4 10.8 16.2



Dimethylphthalate

Concen: 4.926 ng

RT: 14.317 min Scan# 1843

Delta R.T. 0.002 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

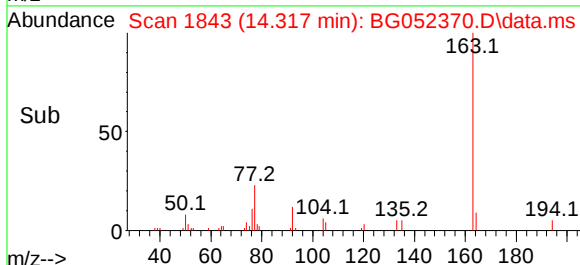
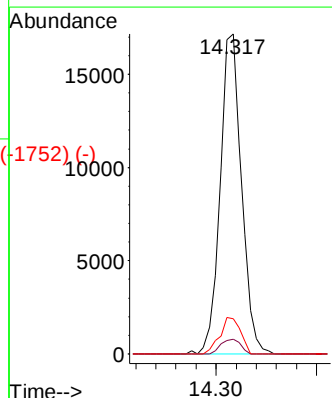
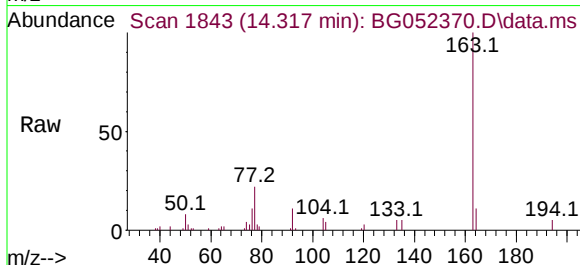
Tgt Ion:163 Resp: 25213

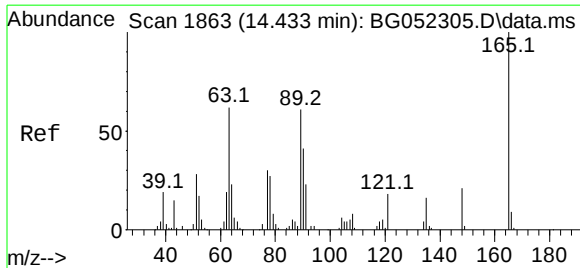
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 11.1 8.4 12.6

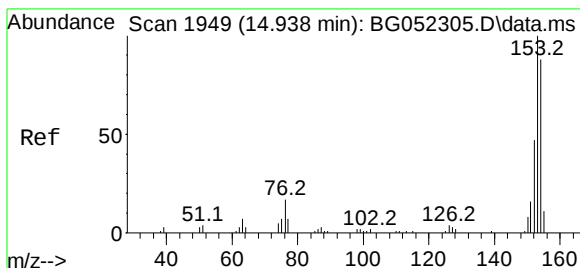
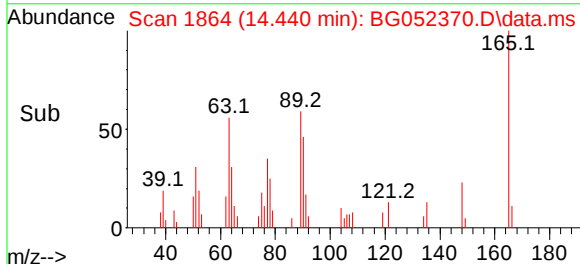
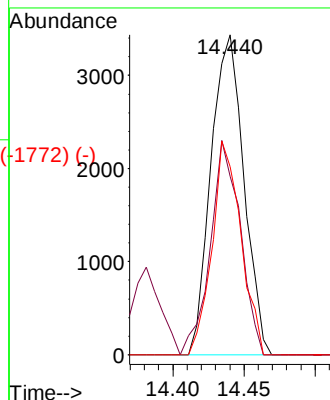
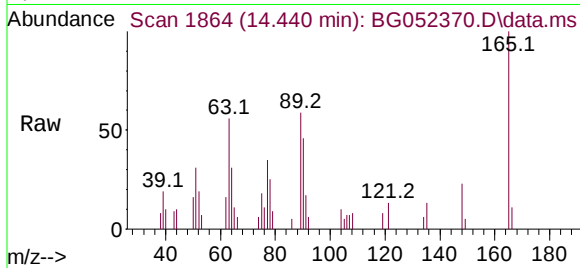




2,6-Dinitrotoluene
Concen: 5.017 ng
RT: 14.440 min Scan# 1851
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

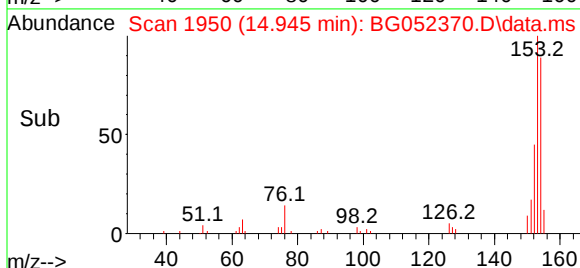
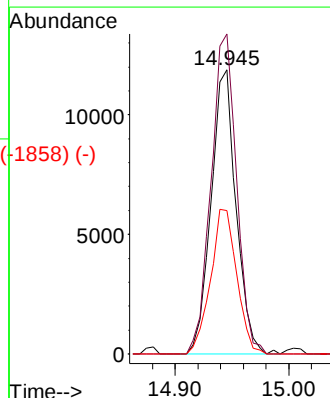
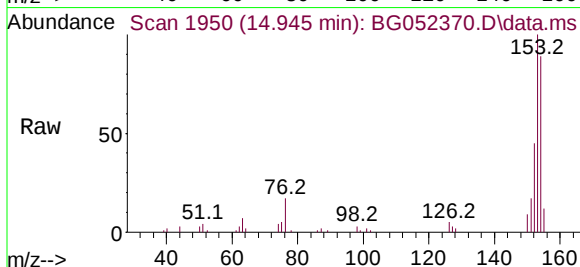
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

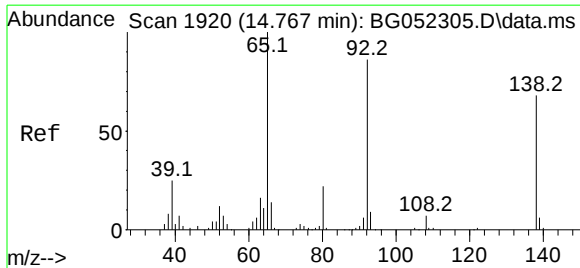
Tgt Ion:165 Resp: 5542
Ion Ratio Lower Upper
165 100
63 55.7 59.0 88.4#
89 58.7 49.4 74.0



Acenaphthene
Concen: 4.495 ng
RT: 14.945 min Scan# 1950
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:154 Resp: 18088
Ion Ratio Lower Upper
154 100
153 112.5 91.9 137.9
152 50.4 43.4 65.2



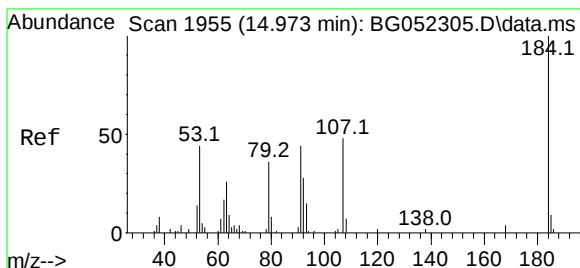
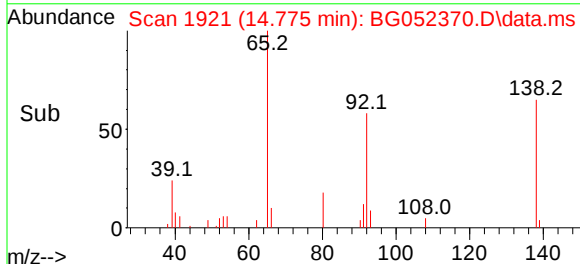
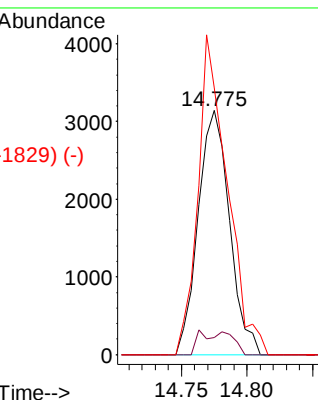
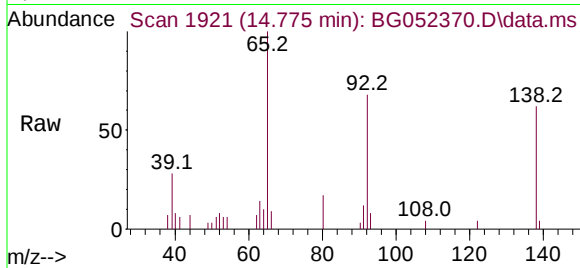


Scan 1920 (14.767 min): BG052305.D\data.ms (-1953) (-)
 3-Nitroaniline
 Concen: 4.554 ng
 RT: 14.775 min Scan# 1953
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

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

Tgt Ion:138 Resp: 5228

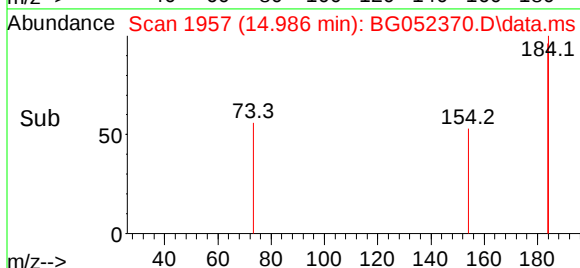
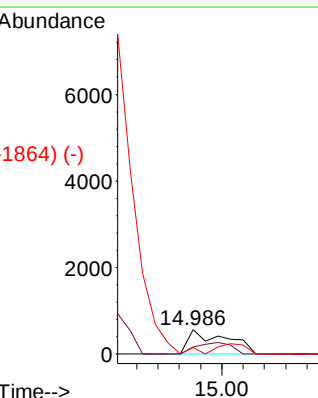
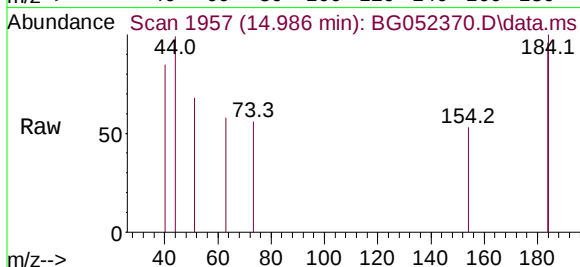
Ion	Ratio	Lower	Upper
138	100		
108	7.0	7.8	11.8#
92	109.1	100.4	150.6

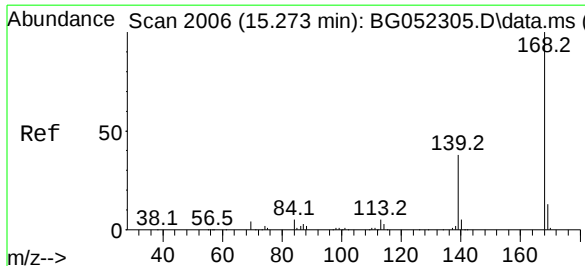


Scan 1955 (14.973 min): BG052305.D\data.ms (-1955) (-)
 2,4-Dinitrophenol
 Concen: 1.149 ng
 RT: 14.986 min Scan# 1957
 Delta R.T. 0.013 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:184 Resp: 688

Ion	Ratio	Lower	Upper
184	100		
63	29.5	56.0	84.0#
154	27.2	50.2	75.2#





Dibenzenofuran

Concen: 4.956 ng

RT: 15.274 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

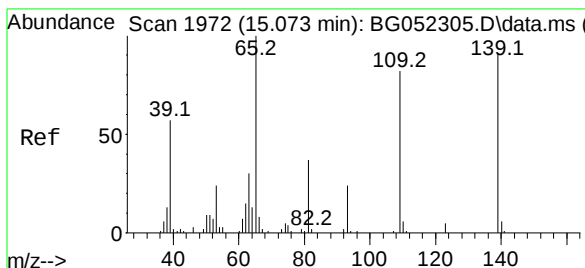
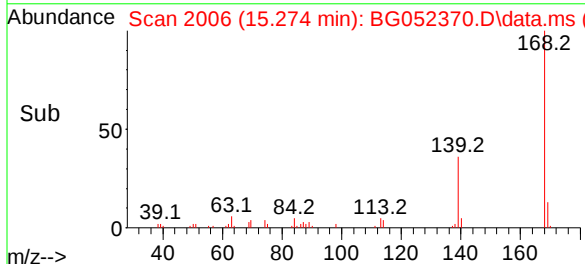
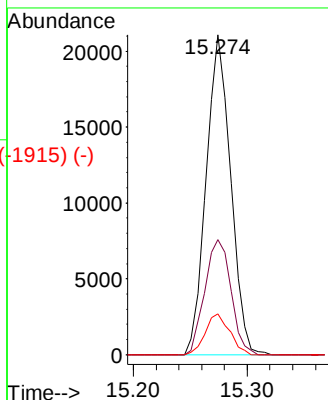
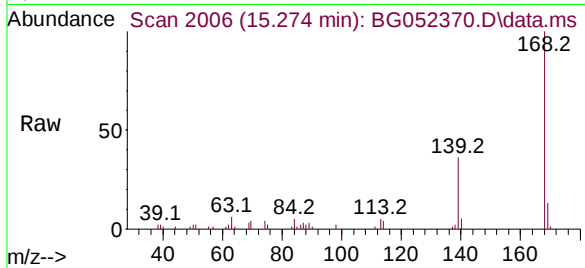
Tgt Ion:168 Resp: 31367

Ion Ratio Lower Upper

168 100

139 35.9 30.7 46.1

169 12.8 10.9 16.3



4-Nitrophenol

Concen: 4.062 ng

RT: 15.098 min Scan# 1976

Delta R.T. 0.025 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

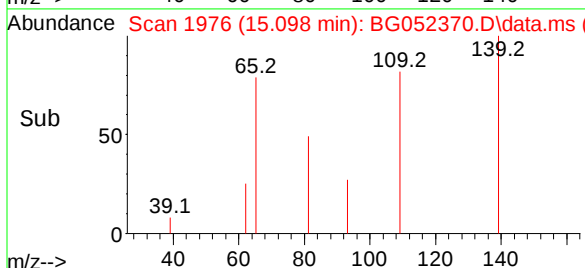
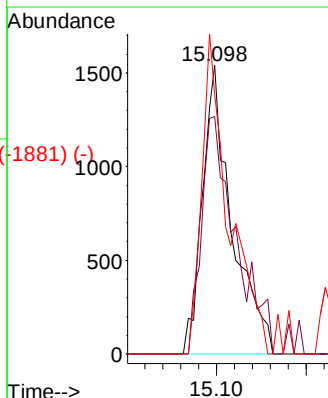
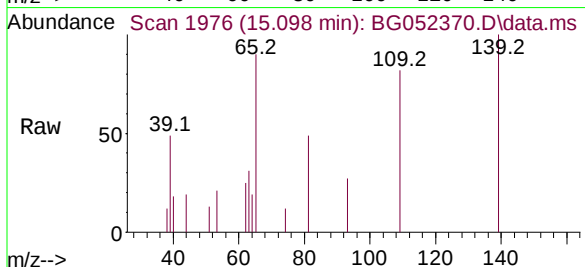
Tgt Ion:139 Resp: 3502

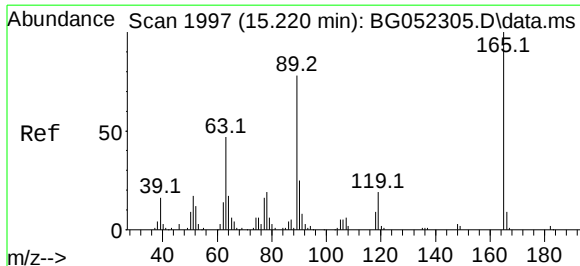
Ion Ratio Lower Upper

139 100

109 82.3 84.9 124.9#

65 89.8 109.9 149.9#

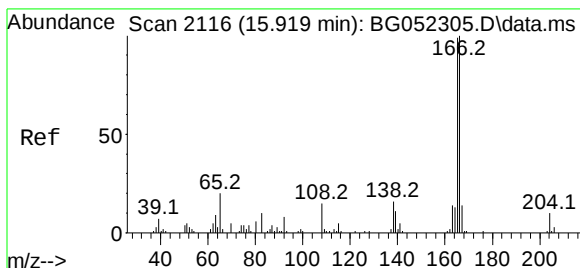
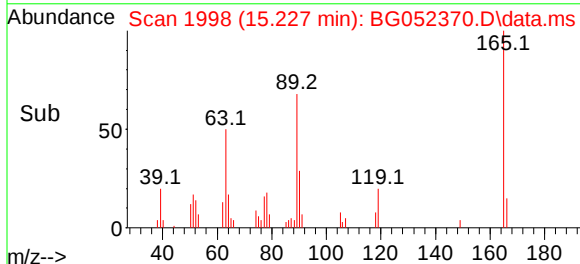
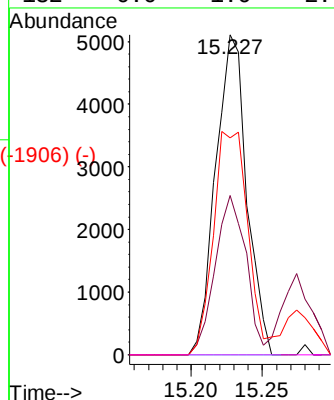
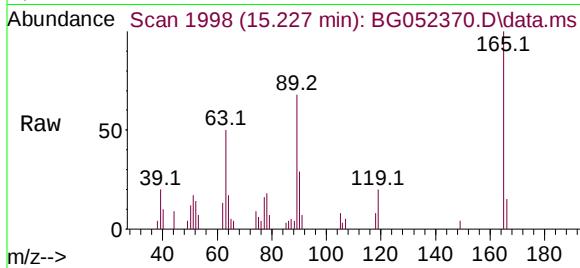




2,4-Dinitrotoluene
 Concen: 4.963 ng
 RT: 15.227 min Scan# 1997
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

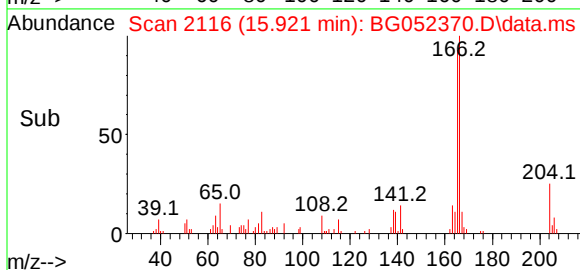
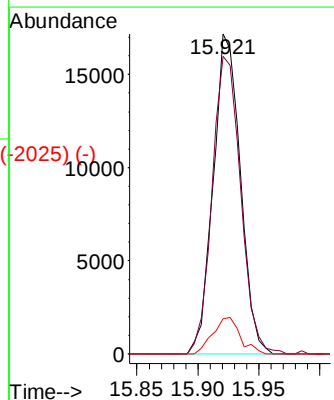
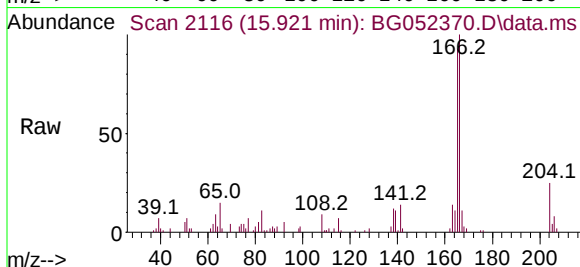
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

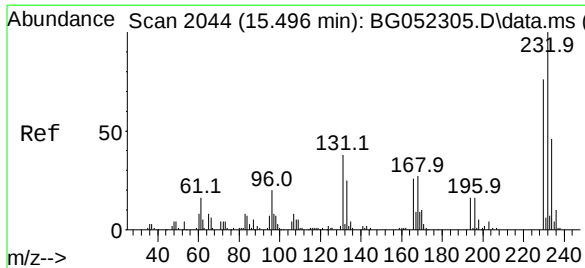
Tgt	Ion:165	Resp:	7803
Ion	Ratio	Lower	Upper
165	100		
63	49.7	44.6	66.8
89	67.8	67.4	101.0
182	0.0	1.6	2.4#



Fluorene
 Concen: 5.279 ng
 RT: 15.921 min Scan# 2116
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt	Ion:166	Resp:	26672
Ion	Ratio	Lower	Upper
166	100		
165	93.0	80.0	120.0
167	11.1	11.1	16.7#

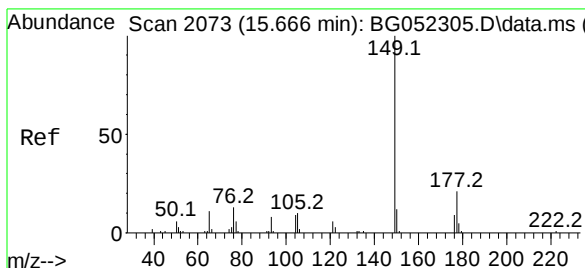
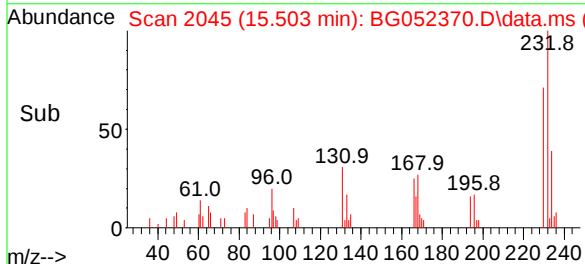
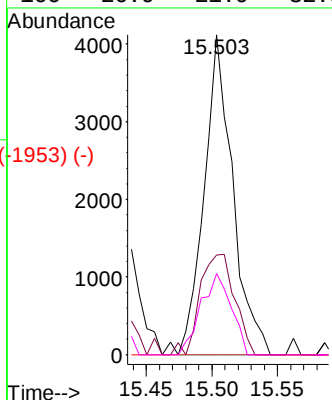
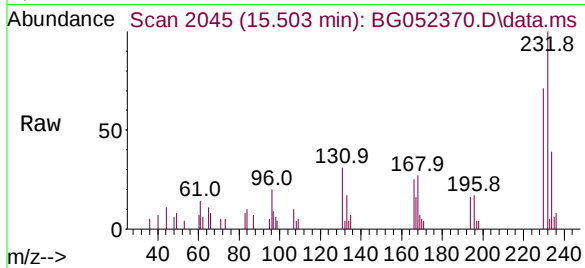




2,3,4,6-Tetrachlorophenol
 Concen: 4.196 ng
 RT: 15.503 min Scan# 2045
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

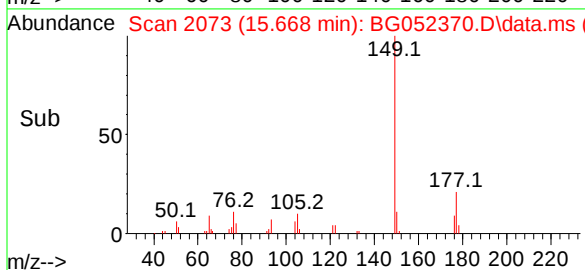
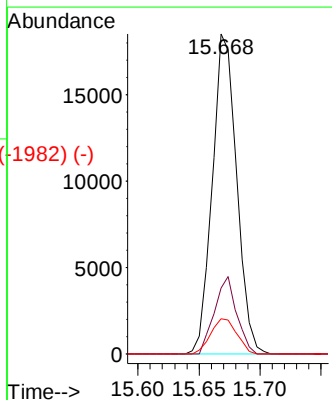
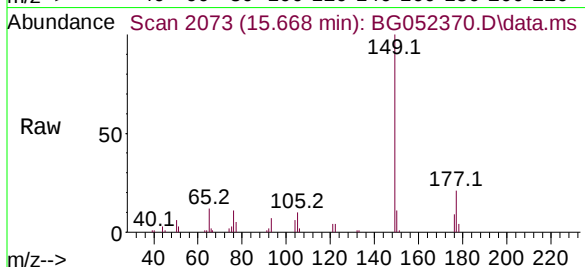
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

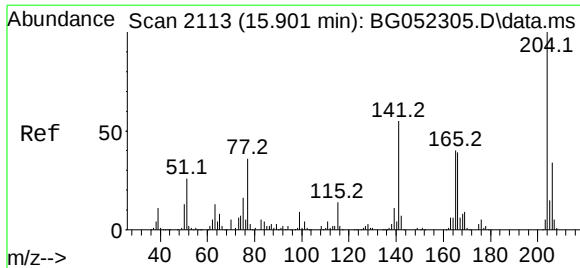
Tgt Ion:	232	Resp:	6243
Ion Ratio	Lower	Upper	
232	100		
131	38.2	32.2	48.4
130	0.0	2.2	3.4#
166	26.9	21.9	32.9



Diethylphthalate
 Concen: 4.994 ng
 RT: 15.668 min Scan# 2073
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:	149	Resp:	25824
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.8	26.6
150	11.1	9.2	13.8

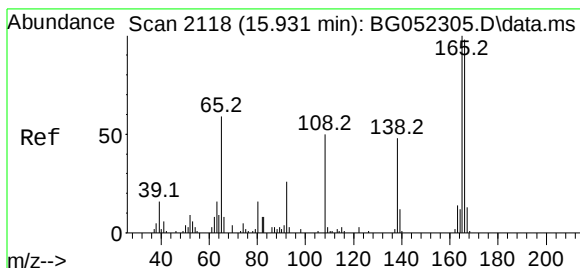
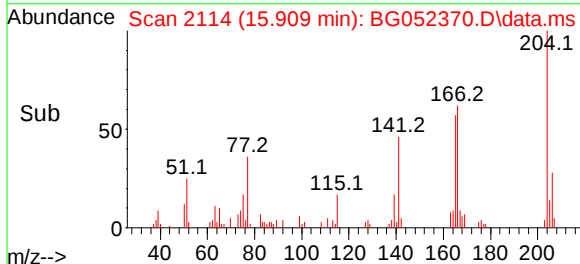
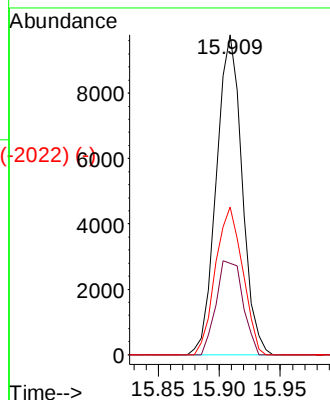
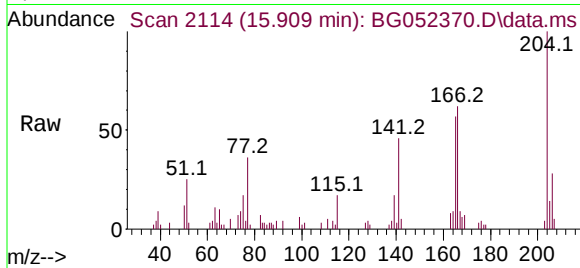




4-Chlorophenyl-phenylether
 Concen: 5.013 ng
 RT: 15.909 min Scan# 2113
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

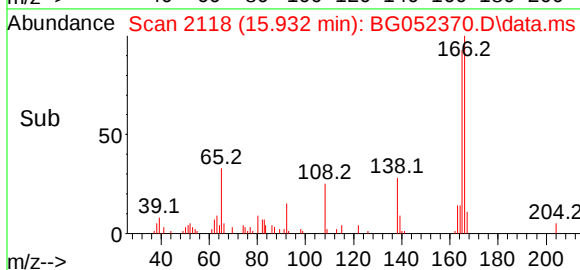
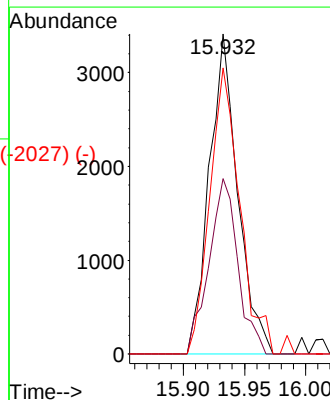
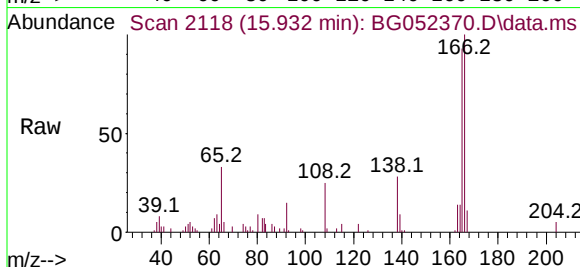
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

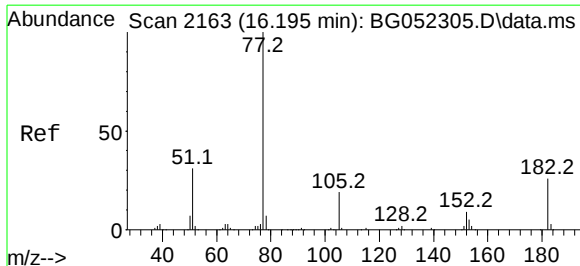
Tgt Ion:204 Resp: 14426
 Ion Ratio Lower Upper
 204 100
 206 28.5 28.4 42.6
 141 46.3 41.8 62.6



4-Nitroaniline
 Concen: 4.584 ng
 RT: 15.932 min Scan# 2118
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:138 Resp: 5541
 Ion Ratio Lower Upper
 138 100
 92 54.8 35.5 75.5
 108 89.4 96.4 136.4#

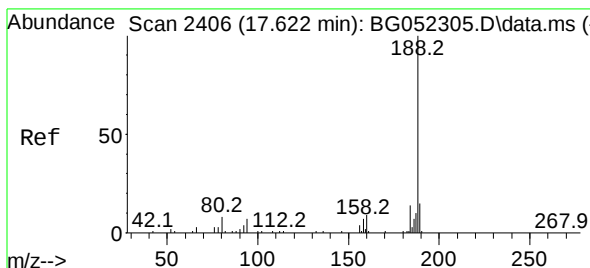
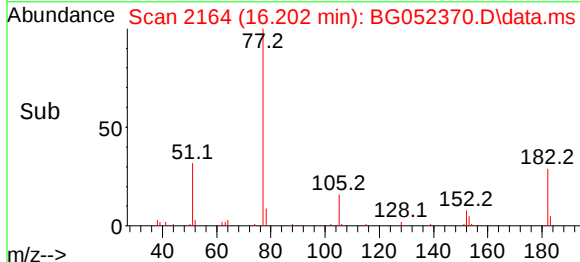
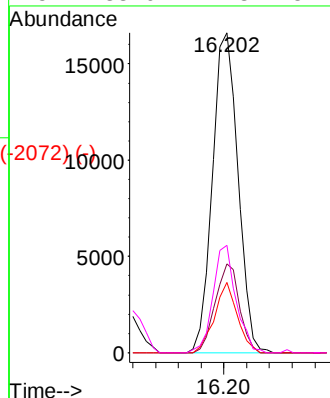
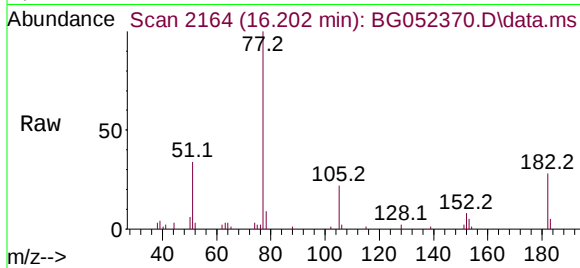




Azobenzene
Concen: 4.873 ng
RT: 16.202 min Scan# 2164
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

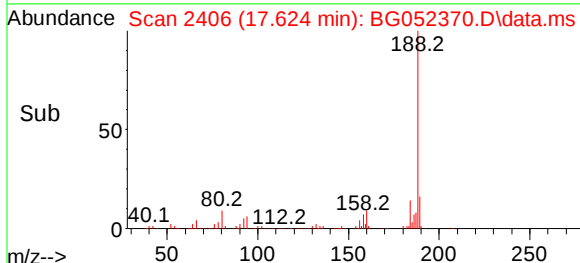
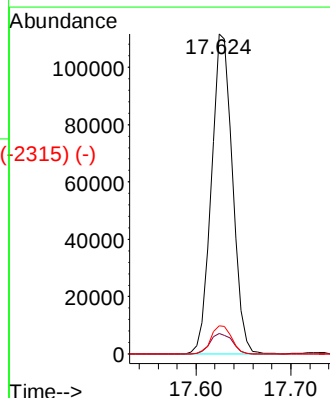
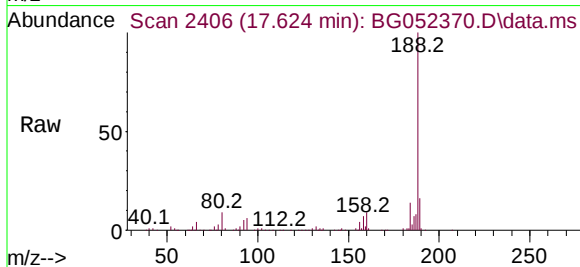
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

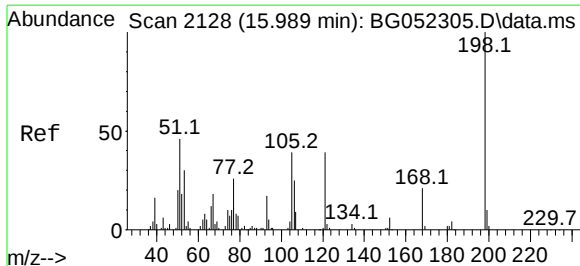
Tgt Ion:	77	Resp:	25792
Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.1	44.1
105	22.0	0.0	37.5
51	33.6	14.3	54.3



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:	188	Resp:	171998
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.9	8.9
80	8.8	6.6	10.0

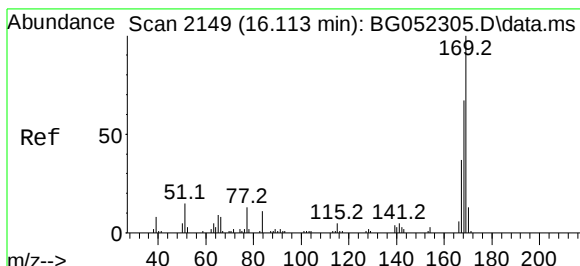
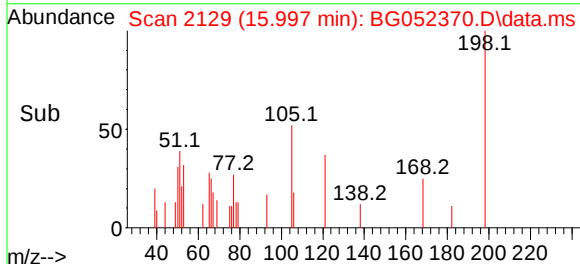
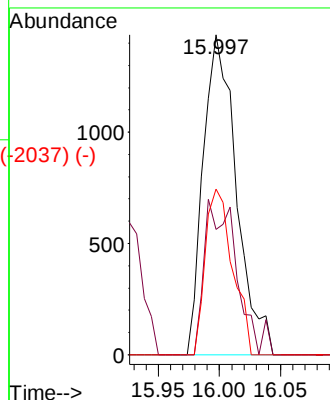
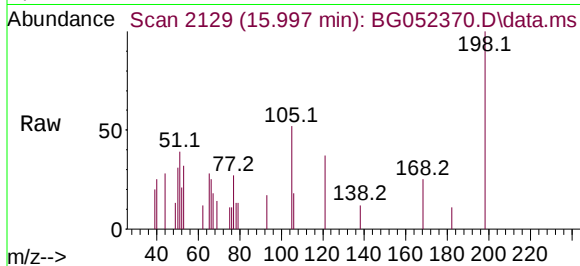




4,6-Dinitro-2-methylphenol
Concen: 2.630 ng
RT: 15.997 min Scan# 2105
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

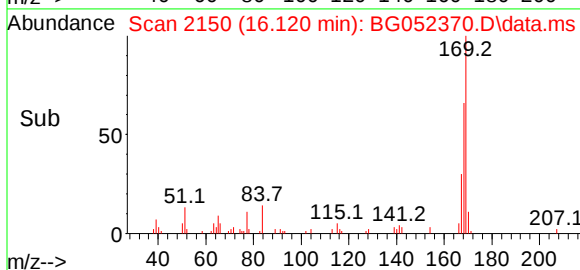
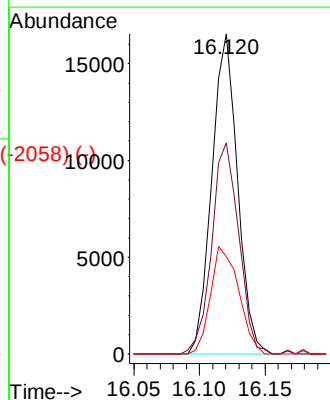
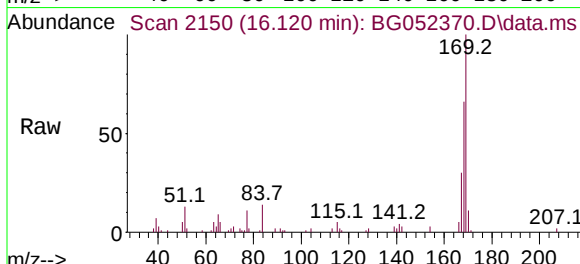
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

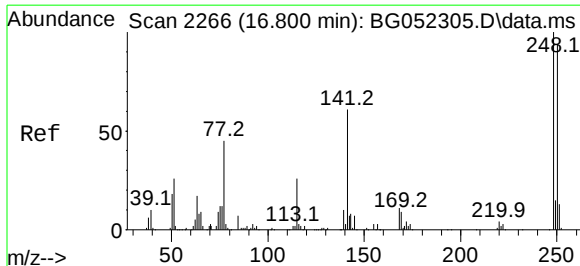
Tgt Ion:198 Resp: 2721
Ion Ratio Lower Upper
198 100
51 39.1 31.6 71.6
105 51.8 22.3 62.3



n-Nitrosodiphenylamine
Concen: 4.766 ng
RT: 16.120 min Scan# 2150
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:169 Resp: 22588
Ion Ratio Lower Upper
169 100
168 66.0 57.4 86.0
167 30.4 29.5 44.3





4-Bromophenyl-phenylether

Concen: 4.668 ng

RT: 16.808 min Scan# 2

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

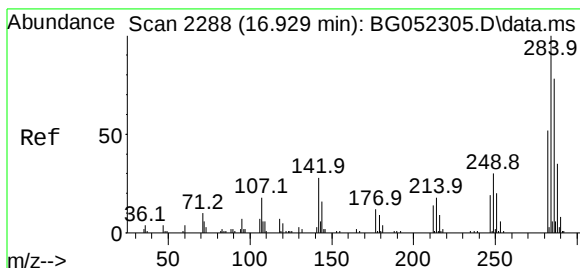
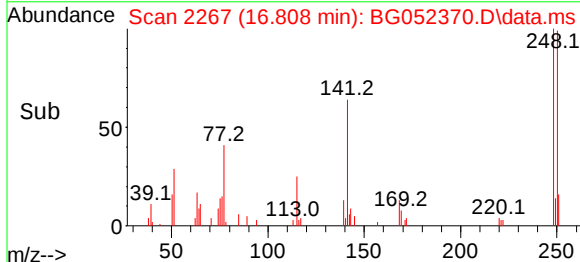
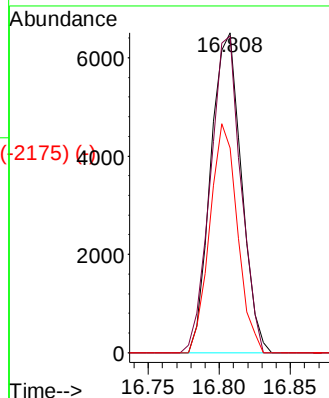
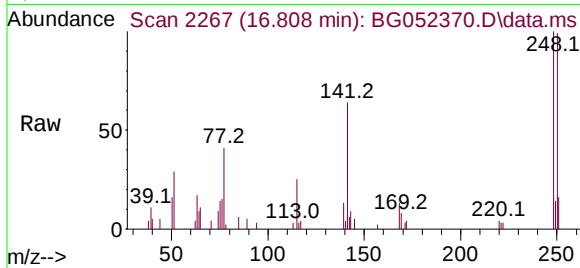
Tgt Ion:248 Resp: 9764

Ion Ratio Lower Upper

248 100

250 99.0 79.6 119.4

141 63.9 54.6 81.8



Hexachlorobenzene

Concen: 4.630 ng

RT: 16.937 min Scan# 2289

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

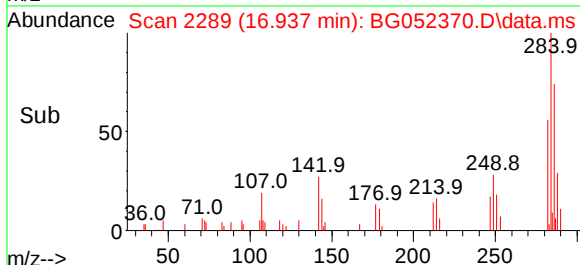
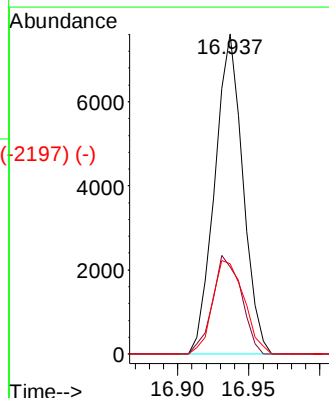
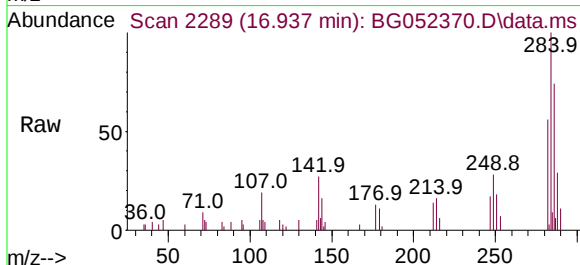
Tgt Ion:284 Resp: 10504

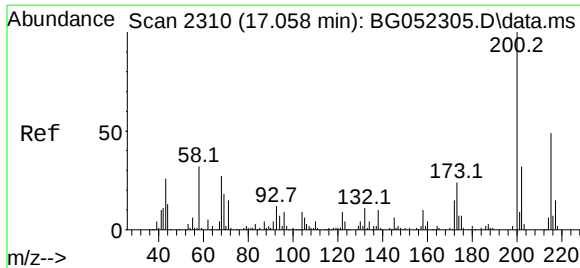
Ion Ratio Lower Upper

284 100

142 27.3 26.2 39.2

249 28.2 26.9 40.3

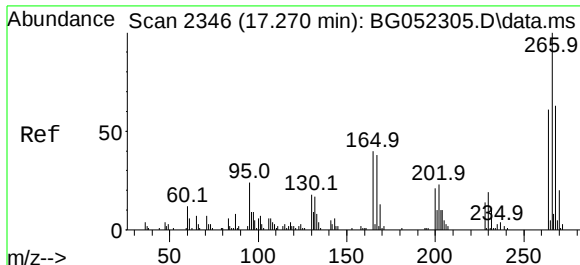
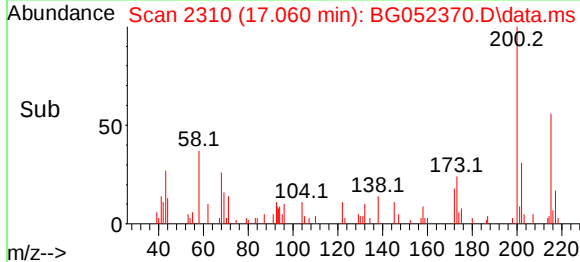
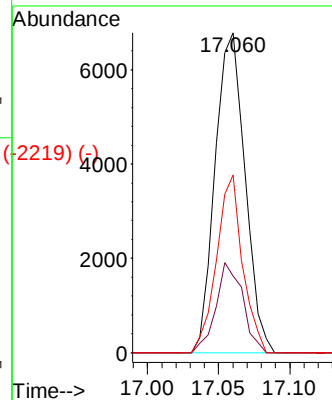
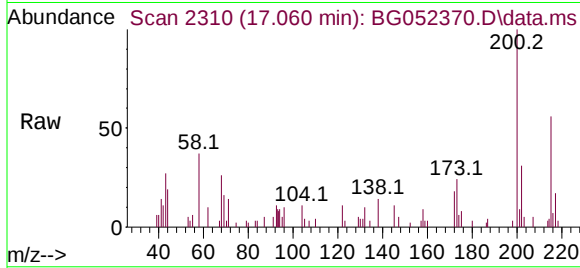




Atrazine
Concen: 5.199 ng
RT: 17.060 min Scan# 2310
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

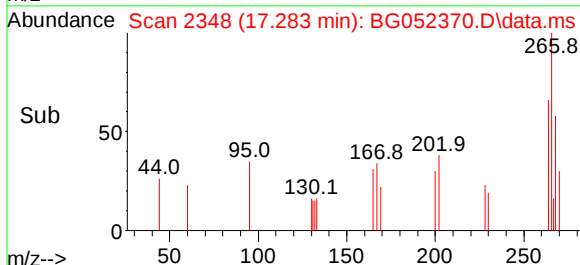
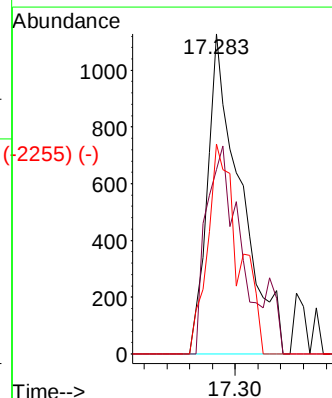
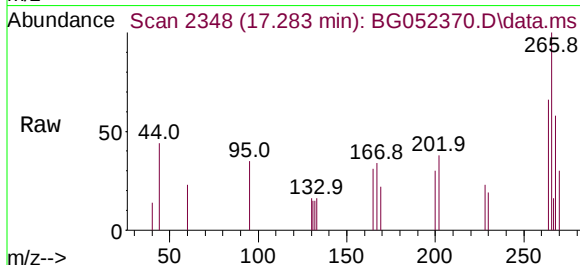
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

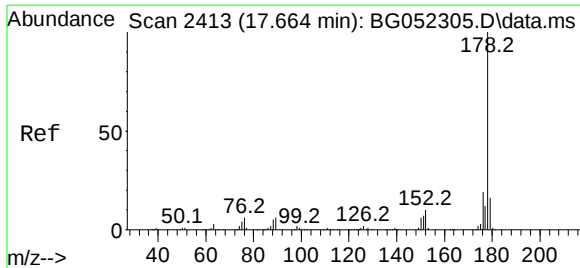
Tgt Ion:	200	Resp:	9960
Ion Ratio	Lower	Upper	
200	100		
173	23.9	3.3	43.3
215	55.5	24.4	64.4



Pentachlorophenol
Concen: 2.043 ng
RT: 17.283 min Scan# 2348
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:	266	Resp:	2268
Ion Ratio	Lower	Upper	
266	100		
268	57.5	50.6	75.8
264	65.7	52.2	78.2

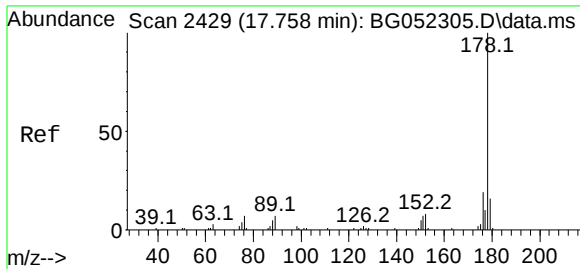
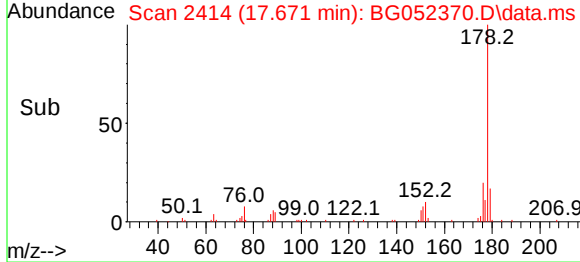
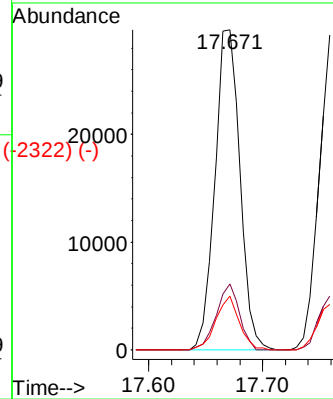
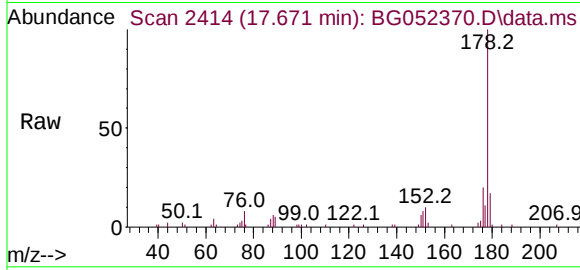




Phenanthrene
 Concen: 5.091 ng
 RT: 17.671 min Scan# 2413
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

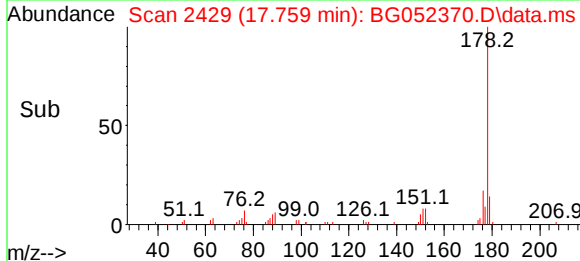
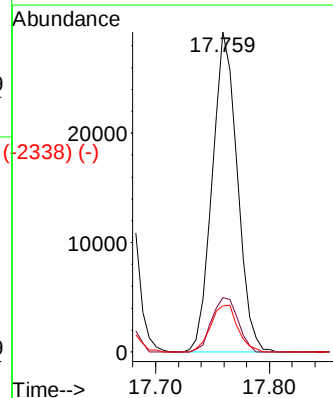
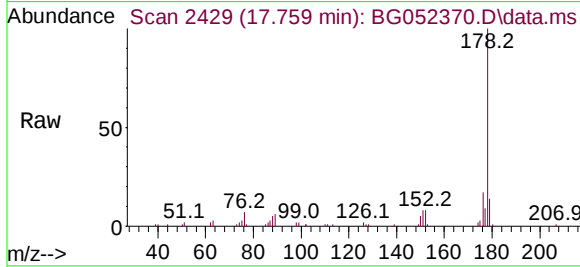
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

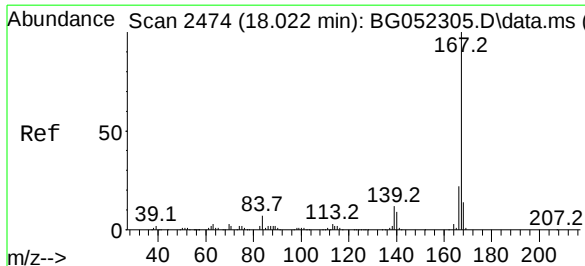
Tgt Ion:178	Resp:	45136
Ion Ratio	Lower	Upper
178	100	
176	20.5	16.6 25.0
179	16.7	12.6 18.8



Anthracene
 Concen: 5.128 ng
 RT: 17.759 min Scan# 2429
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:178	Resp:	44552
Ion Ratio	Lower	Upper
178	100	
176	17.0	15.3 22.9
179	14.4	13.1 19.7

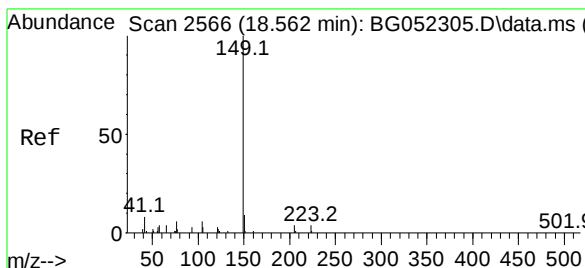
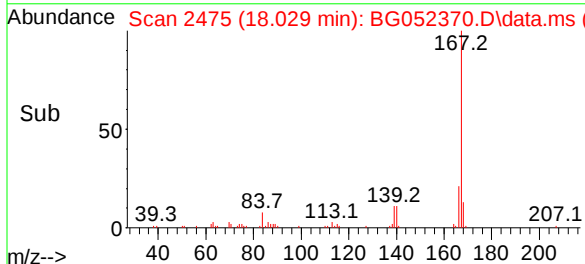
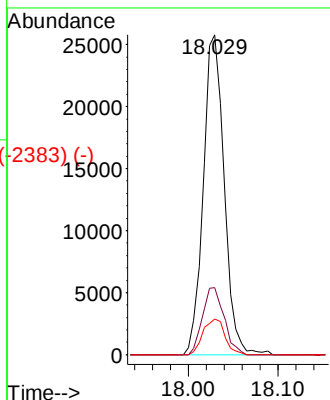
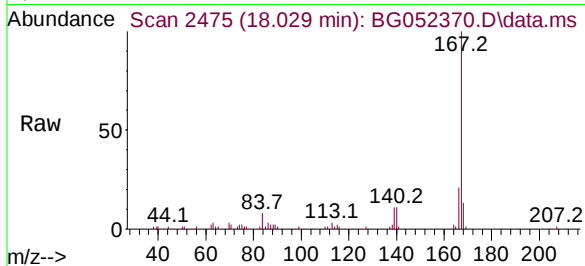




Carbazole
Concen: 4.909 ng
RT: 18.029 min Scan# 2473
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

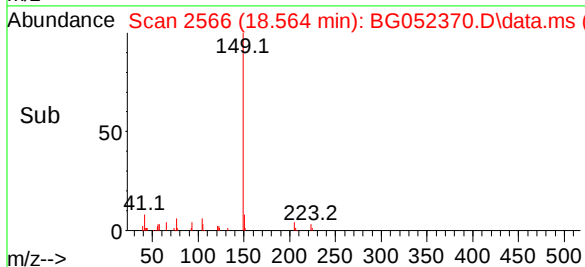
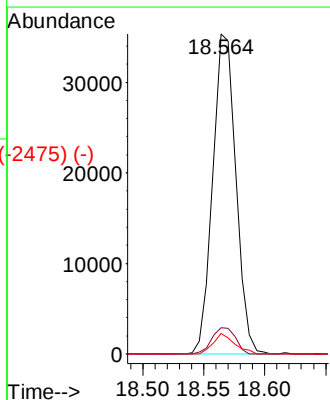
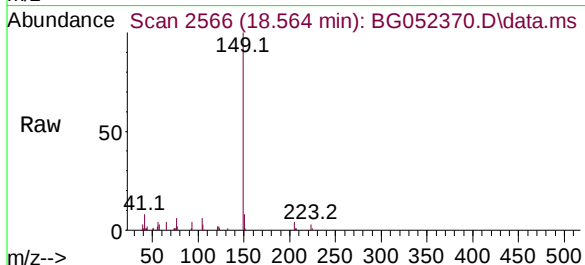
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2021

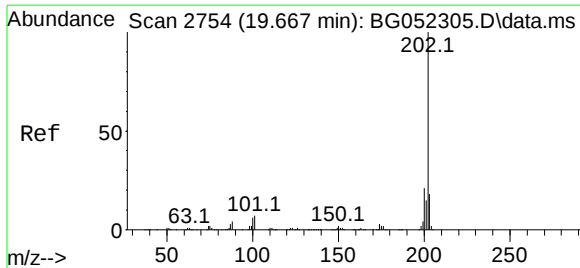
Tgt Ion:167 Resp: 41604
Ion Ratio Lower Upper
167 100
166 20.9 17.8 26.6
139 11.1 10.6 16.0



Di-n-butylphthalate
Concen: 5.095 ng
RT: 18.564 min Scan# 2566
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:149 Resp: 47039
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 6.3 5.4 8.2

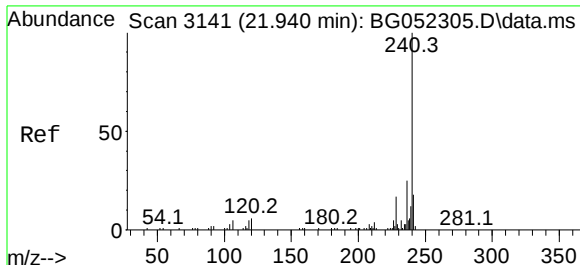
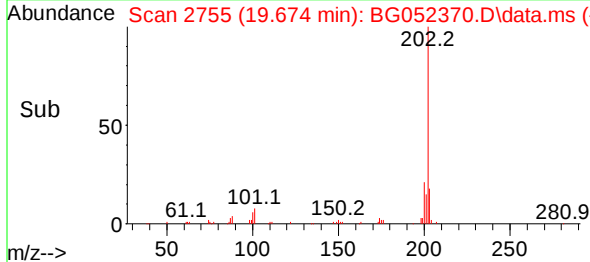
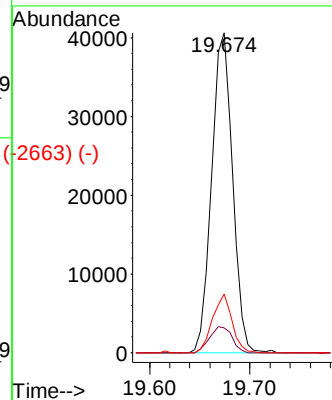
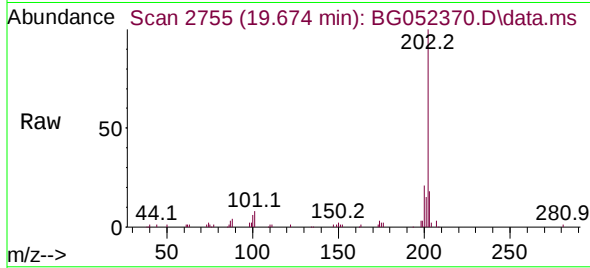




Fluoranthene
Concen: 5.194 ng
RT: 19.674 min Scan# 2775
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

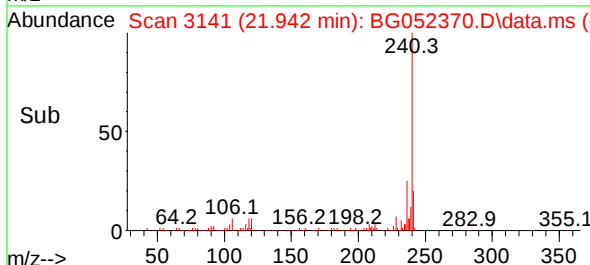
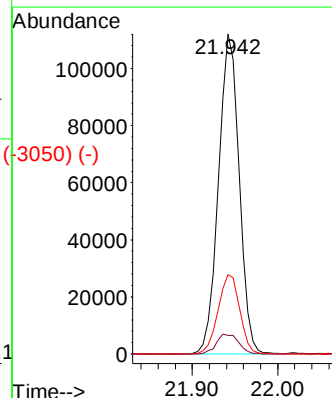
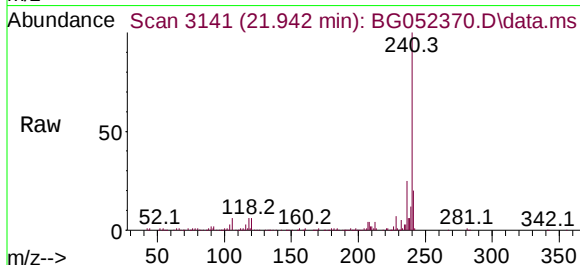
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

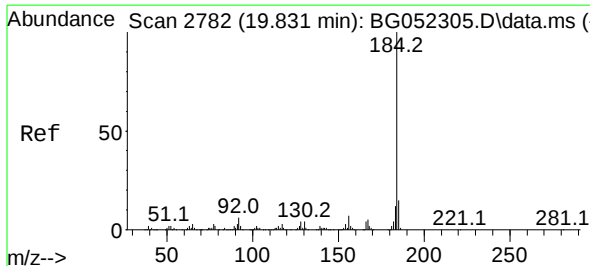
Tgt Ion:202 Resp: 58646
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.4 0.0 37.8



Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:240 Resp: 187600
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 24.7 20.8 31.2

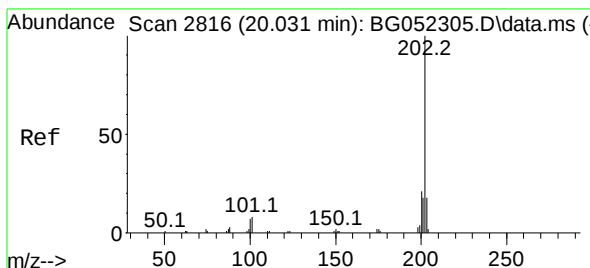
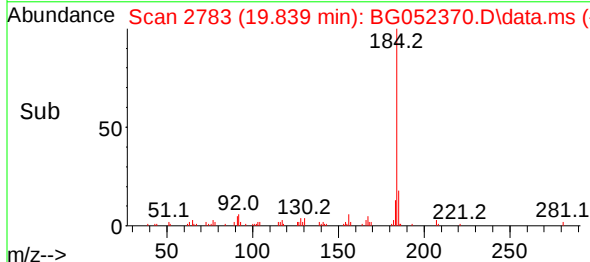
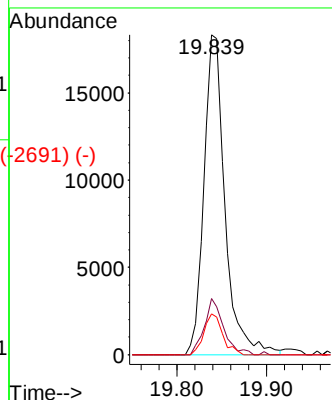
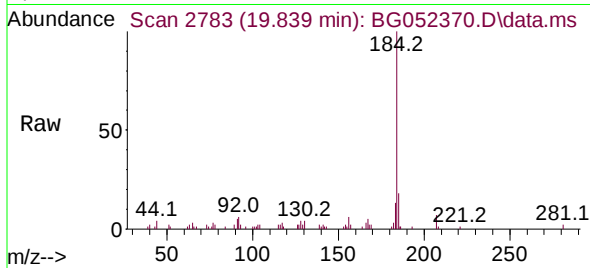




Benzidine
Concen: 7.433 ng
RT: 19.839 min Scan# 2773
Delta R.T. 0.008 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

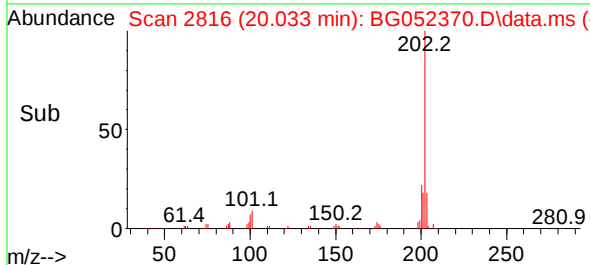
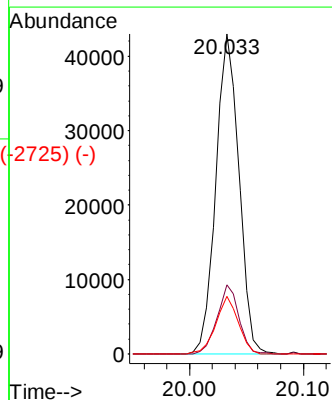
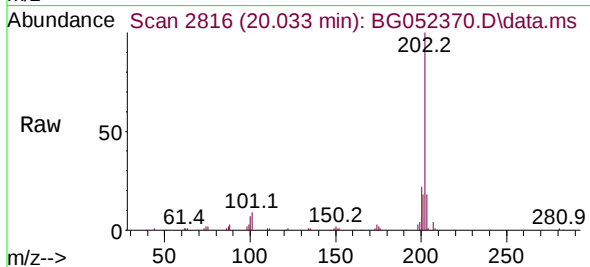
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

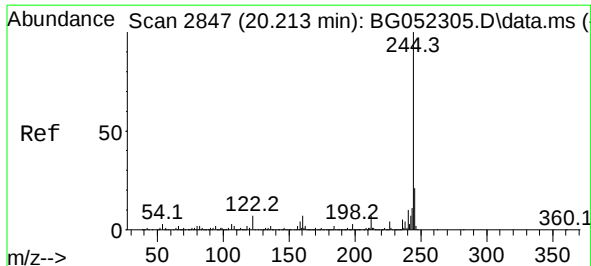
Tgt Ion:184 Resp: 29794
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 12.8 9.8 14.6



Pyrene
Concen: 4.806 ng
RT: 20.033 min Scan# 2816
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:202 Resp: 60329
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.0 14.5 21.7

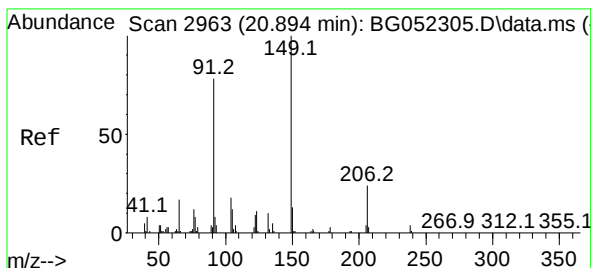
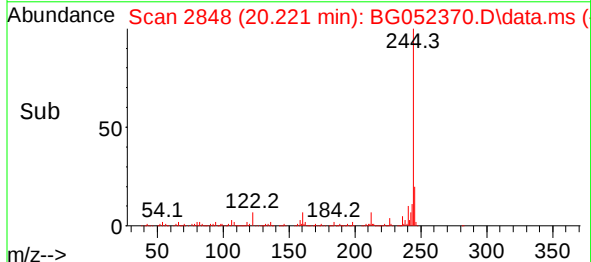
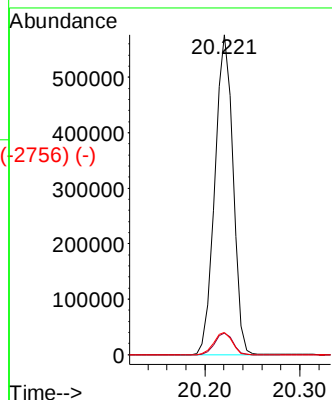
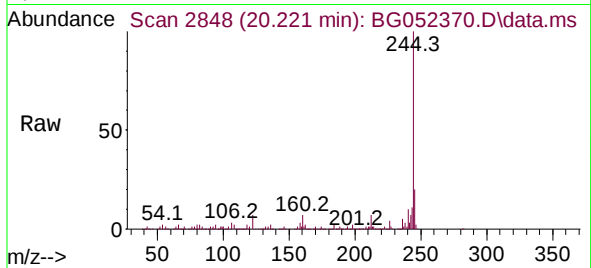




Terphenyl-d14
 Concen: 72.240 ng
 RT: 20.221 min Scan# 2
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

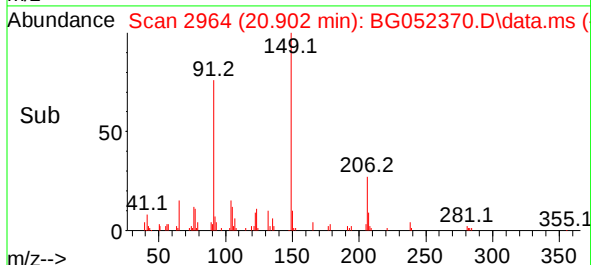
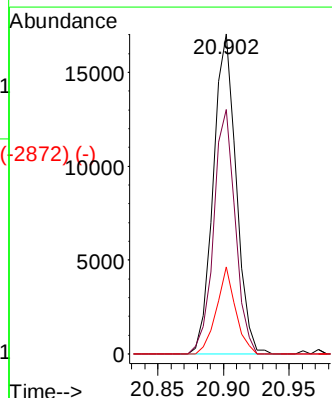
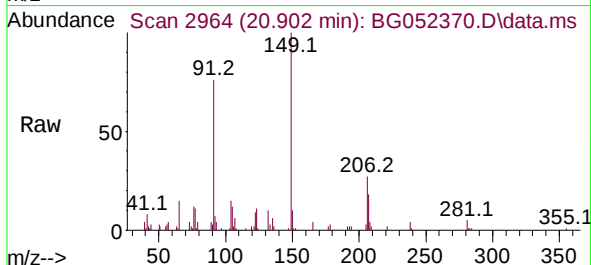
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

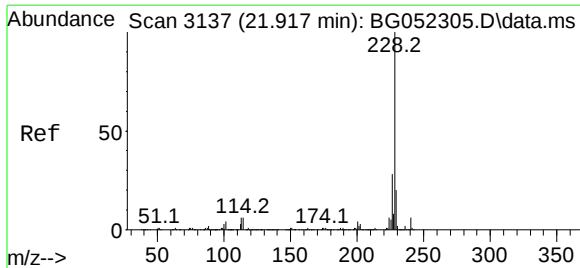
Tgt Ion:244 Resp: 767453
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.0 6.2 9.4



Butylbenzylphthalate
 Concen: 4.741 ng
 RT: 20.902 min Scan# 2964
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:149 Resp: 20671
 Ion Ratio Lower Upper
 149 100
 91 76.3 64.0 96.0
 206 27.2 19.3 28.9

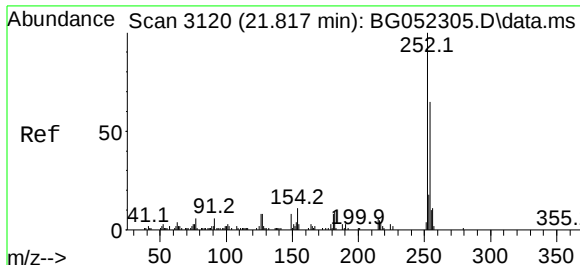
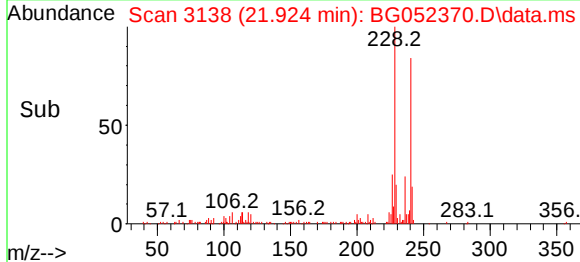
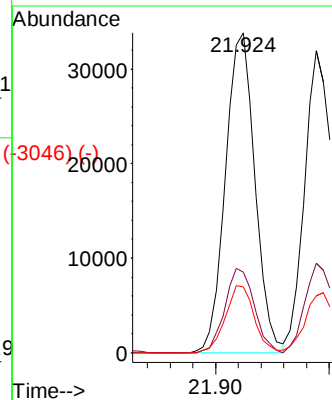
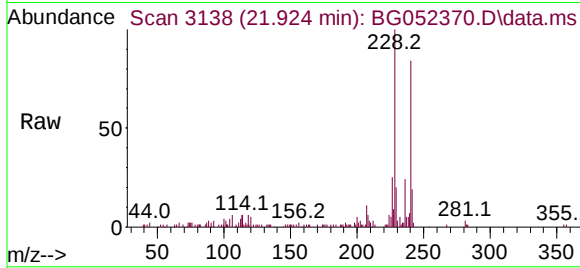




Scan 3137 (21.917 min): BG052305.D\data.ms (-3137) (-)
 Benzo(a)anthracene
 Concen: 4.921 ng
 RT: 21.924 min Scan# 3138
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

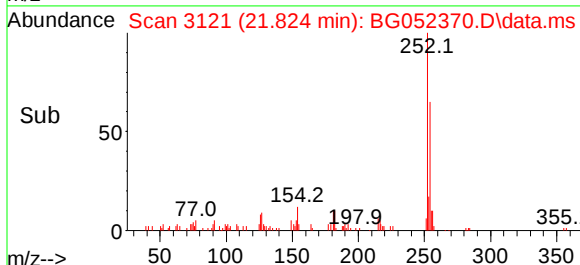
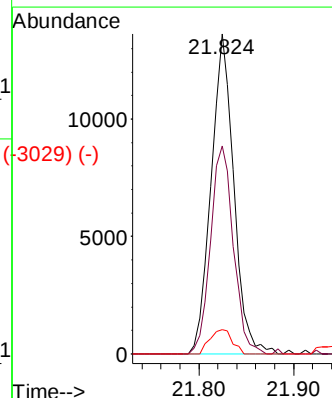
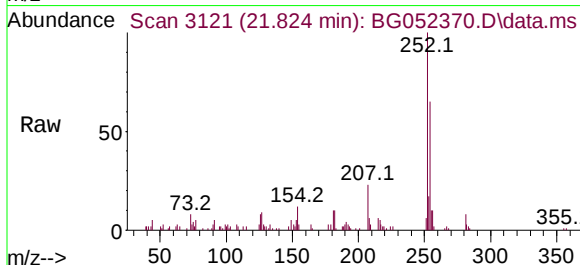
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

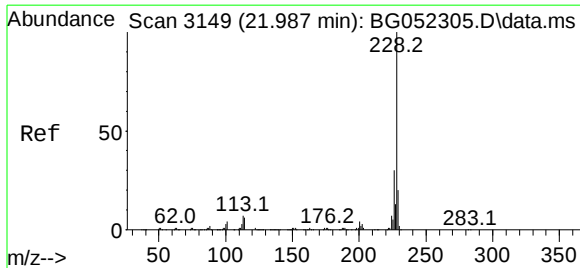
Tgt Ion:	228	Resp:	61090
Ion Ratio	Lower	Upper	
228	100		
226	25.2	21.6	32.4
229	20.5	16.0	24.0



Scan 3120 (21.817 min): BG052305.D\data.ms (-3120) (-)
 3,3'-Dichlorobenzidine
 Concen: 5.205 ng
 RT: 21.824 min Scan# 3121
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:	252	Resp:	22556
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.6	79.0
126	7.6	6.4	9.6

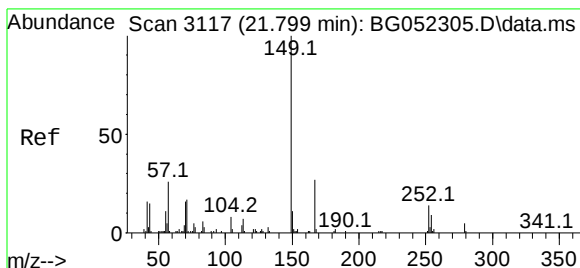
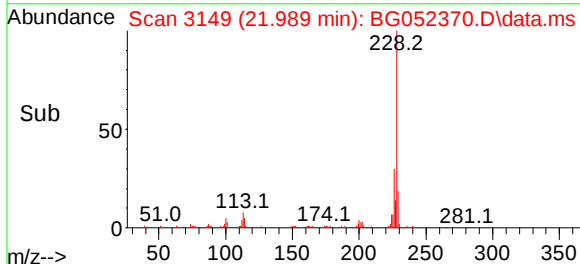
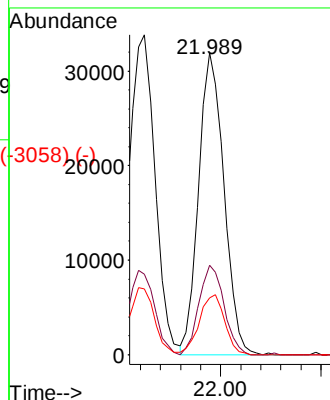
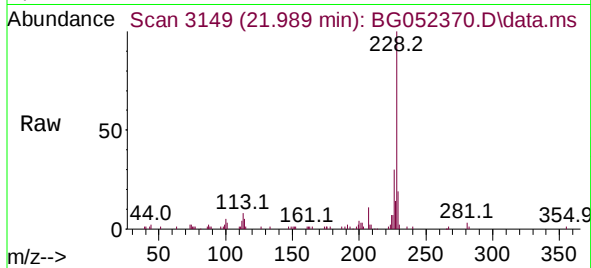




Chrysene
 Concen: 4.741 ng
 RT: 21.989 min Scan# 3149
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

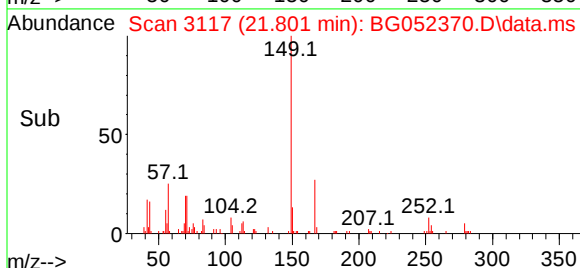
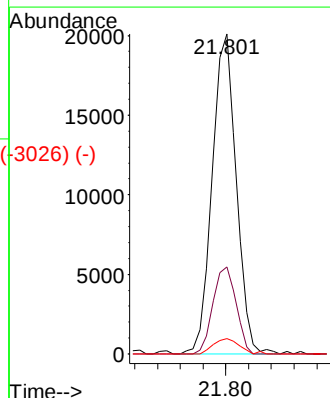
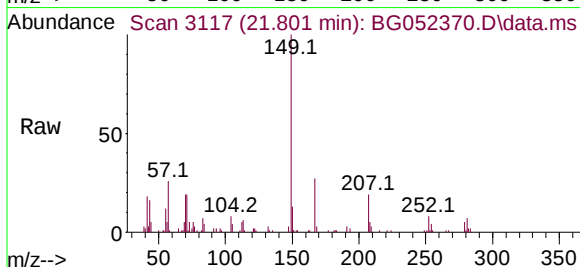
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2021

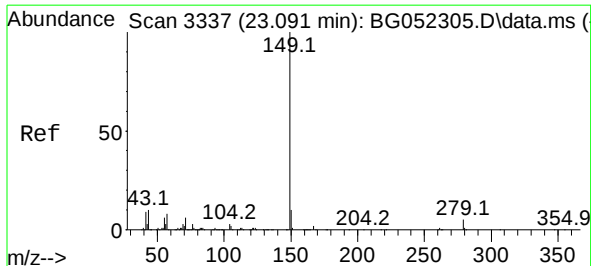
Tgt Ion:228	Resp:	55771
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.1 36.1
229	18.7	16.4 24.6



Bis(2-ethylhexyl)phthalate
 Concen: 4.872 ng
 RT: 21.801 min Scan# 3117
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:149	Resp:	29459
Ion Ratio	Lower	Upper
149	100	
167	27.2	21.4 32.0
279	4.8	4.2 6.2

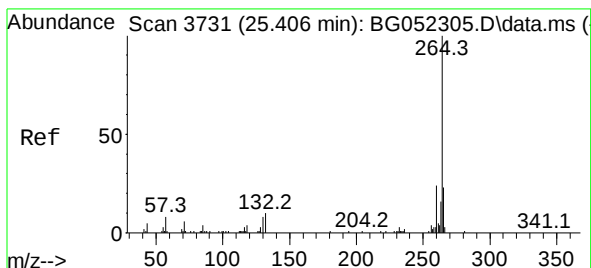
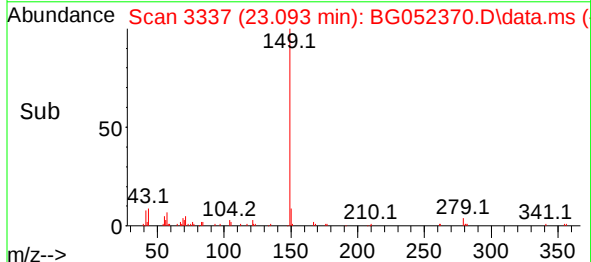
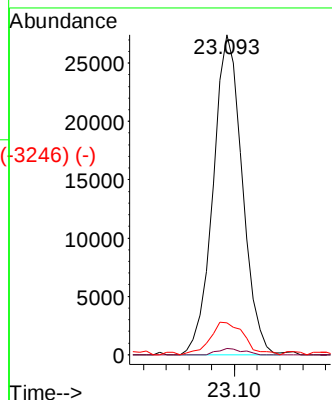
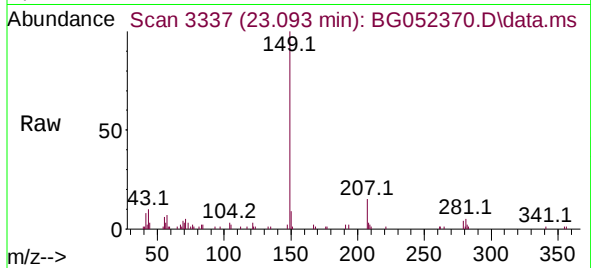




Di-n-octyl phthalate
 Concen: 4.797 ng
 RT: 23.093 min Scan# 3337
 Delta R.T. 0.002 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

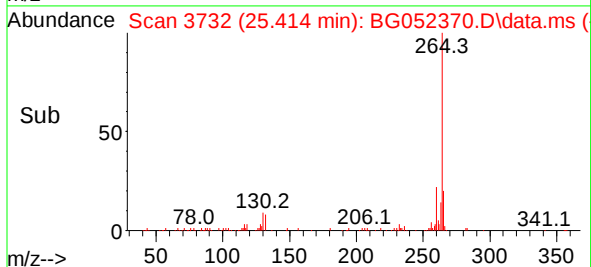
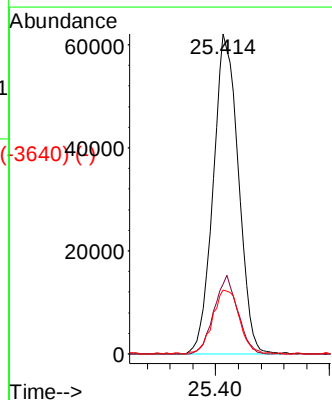
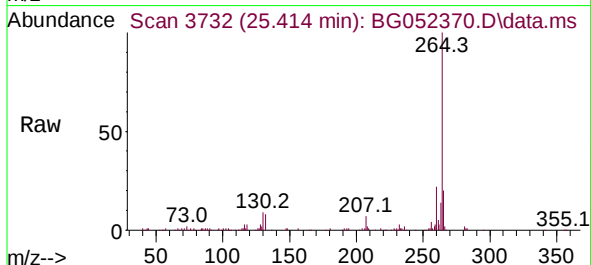
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

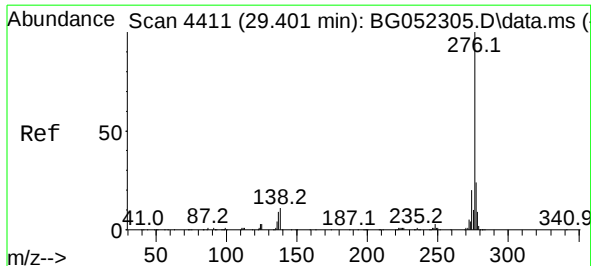
Tgt Ion:149 Resp: 48630
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.7 10.0 15.0



Perylene-d12
 Concen: 20.000 ng
 RT: 25.414 min Scan# 3732
 Delta R.T. 0.008 min
 Lab File: BG052370.D
 Acq: 11 Feb 2022 14:57

Tgt Ion:264 Resp: 190367
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.5 27.7
 265 20.0 17.8 26.6

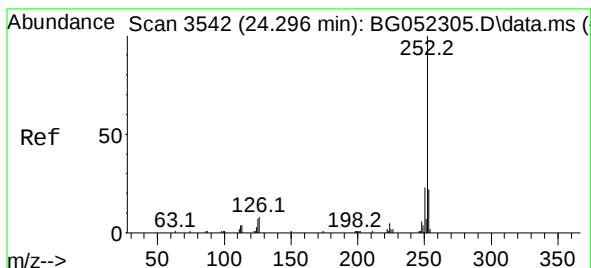
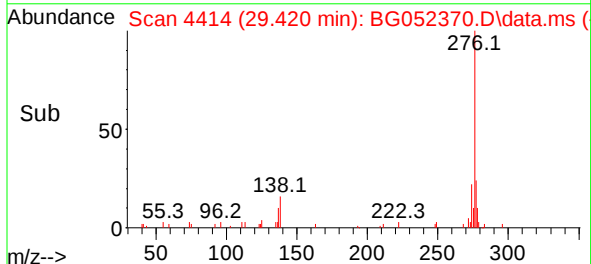
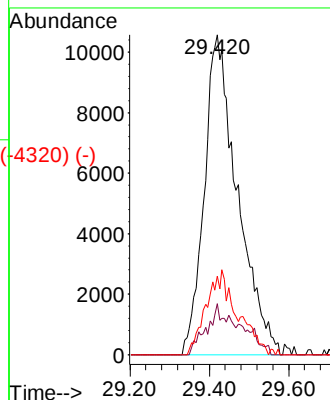
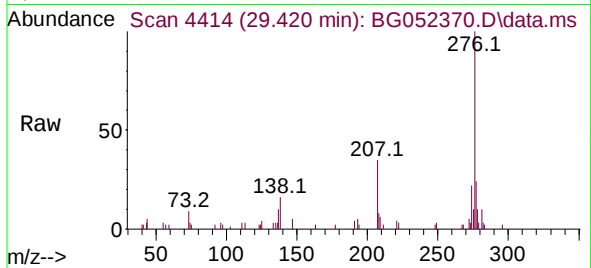




Indeno(1,2,3-cd)pyrene
Concen: 4.394 ng
RT: 29.420 min Scan# 4414
Delta R.T. 0.019 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

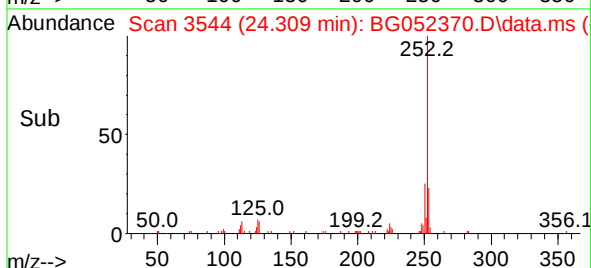
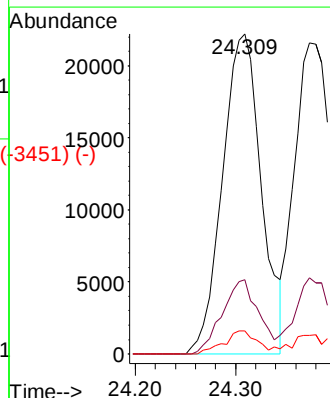
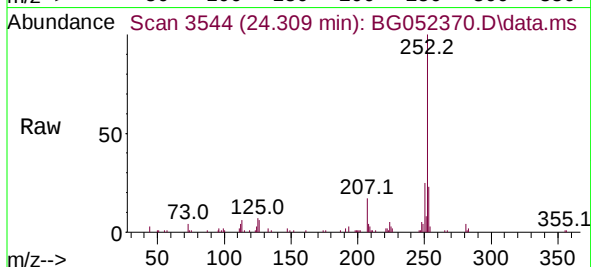
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2021

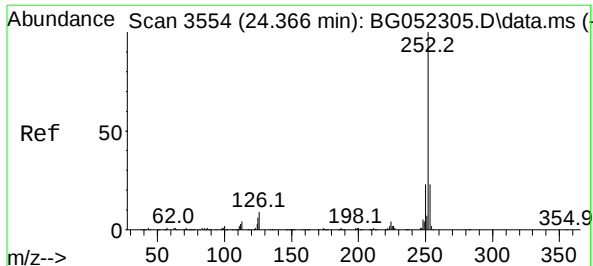
Tgt Ion:276 Resp: 61211
Ion Ratio Lower Upper
276 100
138 7.0 6.1 9.1
277 19.7 20.2 30.4#



Benzo(b)fluoranthene
Concen: 5.042 ng
RT: 24.309 min Scan# 3544
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:252 Resp: 59813
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 7.2 5.4 8.2





Benzo(k)fluoranthene

Concen: 4.856 ng

RT: 24.374 min Scan# 3554

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2021

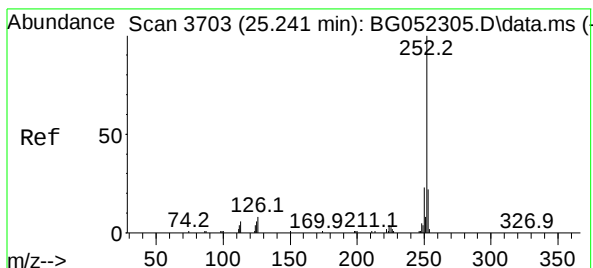
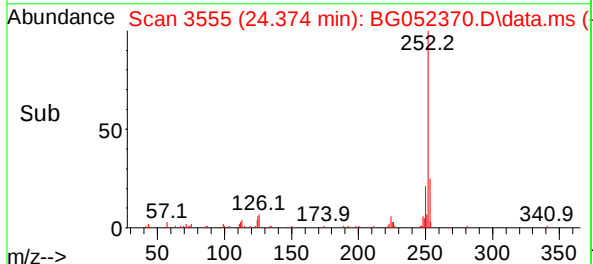
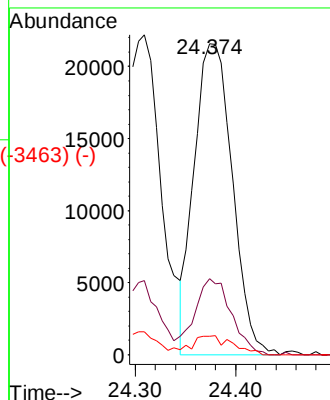
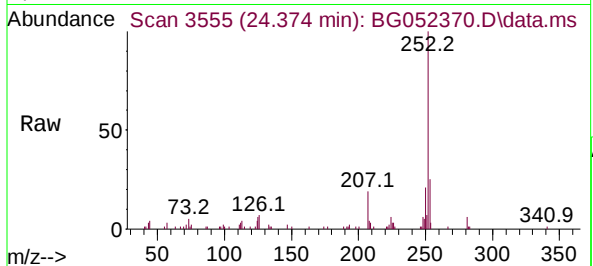
Tgt Ion:252 Resp: 56911

Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 5.9 4.6 7.0



Benzo(a)pyrene

Concen: 5.739 ng

RT: 25.249 min Scan# 3704

Delta R.T. 0.008 min

Lab File: BG052370.D

Acq: 11 Feb 2022 14:57

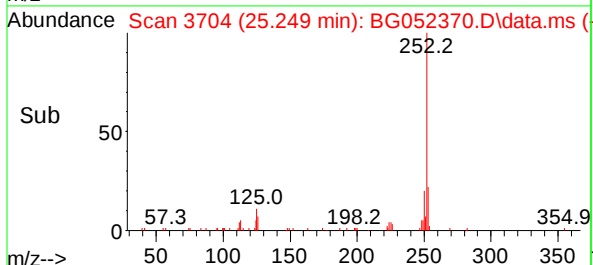
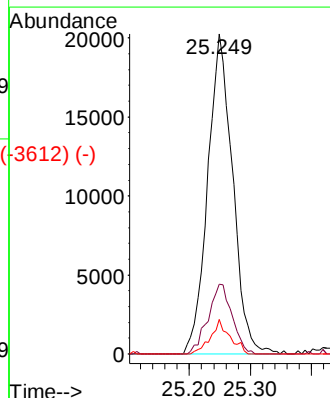
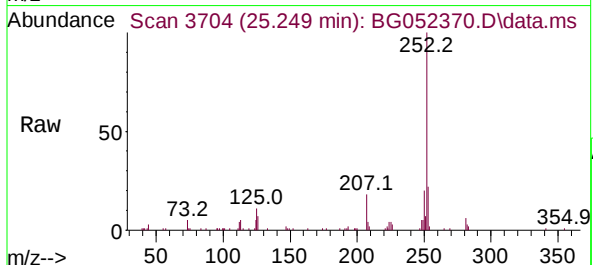
Tgt Ion:252 Resp: 57511

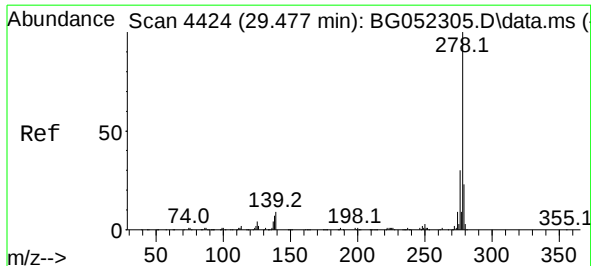
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.7 5.0 7.6#

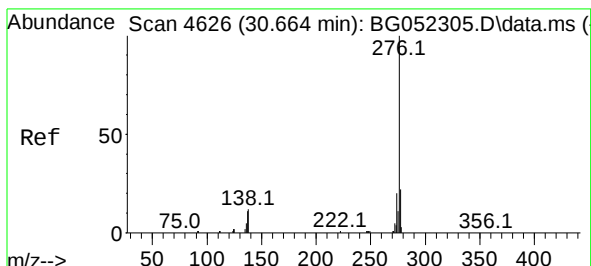
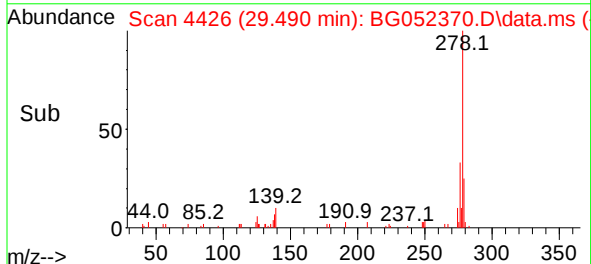
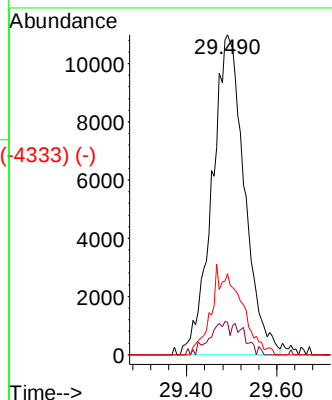
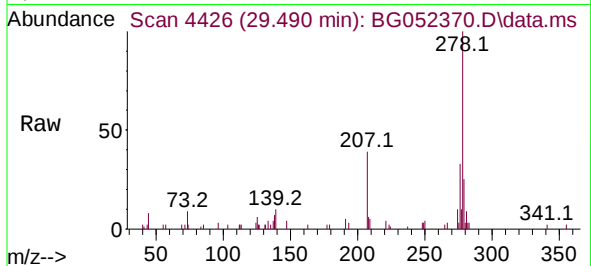




Dibenzo(a,h)anthracene
Concen: 4.761 ng
RT: 29.490 min Scan# 4426
Delta R.T. 0.013 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

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

Tgt Ion:278 Resp: 54785
Ion Ratio Lower Upper
278 100
139 10.2 6.4 9.6#
279 25.3 20.1 30.1



Benzo(g,h,i)perylene
Concen: 4.718 ng
RT: 30.665 min Scan# 4626
Delta R.T. 0.002 min
Lab File: BG052370.D
Acq: 11 Feb 2022 14:57

Tgt Ion:276 Resp: 53286
Ion Ratio Lower Upper
276 100
277 19.7 18.2 27.2
138 15.4 9.1 13.7#

