

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049207.D
 Acq On : 7 Jul 2021 20:10
 Operator : CG/JU
 Sample : M2947-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

Quant Time: Jul 08 02:21:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	42916	20.00	ng	# 0.00
21) Naphthalene-d8	10.910	136	164337	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	110743	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	226201	20.00	ng	# 0.00
76) Chrysene-d12	21.774	240	216374	20.00	ng	# 0.01
86) Perylene-d12	25.076	264	230054	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	273578	99.85	ng	0.01
7) Phenol-d6	7.250	99	354407	90.72	ng	0.01
23) Nitrobenzene-d5	9.259	82	252549	65.16	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	188425	98.15	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	522427	63.65	ng	0.00
79) Terphenyl-d14	20.088	244	784606	61.45	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	39700	33.00	ng	# 79
3) Pyridine	3.925	79	101490	31.20	ng	94
4) n-Nitrosodimethylamine	3.836	42	78569	42.53	ng	# 71
6) Aniline	7.409	93	177891	37.40	ng	92
8) 2-Chlorophenol	7.655	128	145156	48.28	ng	90
9) Benzaldehyde	7.221	77	99531	48.44	ng	91
10) Phenol	7.274	94	181987	46.37	ng	93
11) bis(2-Chloroethyl)ether	7.503	93	129346	45.19	ng	86
12) 1,3-Dichlorobenzene	7.979	146	156288	46.48	ng	96
13) 1,4-Dichlorobenzene	8.126	146	157552	46.60	ng	98
14) 1,2-Dichlorobenzene	8.449	146	153177	47.06	ng	95
15) Benzyl Alcohol	8.325	79	156864	45.60	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	212179	43.67	ng	84
17) 2-Methylphenol	8.531	107	122816	46.44	ng	98
18) Hexachloroethane	9.183	117	65053	48.18	ng	97
19) n-Nitroso-di-n-propyla...	8.901	70	114482	40.78	ng	99
20) 3+4-Methylphenols	8.860	107	166918	45.53	ng	96
22) Acetophenone	8.919	105	232367	47.40	ng	# 97
24) Nitrobenzene	9.301	77	188427	44.87	ng	92
25) Isophorone	9.829	82	303935	40.82	ng	97
26) 2-Nitrophenol	10.017	139	82116	49.11	ng	96
27) 2,4-Dimethylphenol	10.070	122	133979	53.41	ng	91
28) bis(2-Chloroethoxy)met...	10.305	93	173433	49.40	ng	95
29) 2,4-Dichlorophenol	10.558	162	144196	47.93	ng	93
30) 1,2,4-Trichlorobenzene	10.769	180	167486	47.27	ng	93
31) Naphthalene	10.963	128	437274	45.70	ng	98
32) Benzoic acid	10.235	122	90122	44.94	ng	# 77
33) 4-Chloroaniline	11.063	127	103438	26.14	ng	96
34) Hexachlorobutadiene	11.245	225	126574	48.36	ng	92
35) Caprolactam	11.856	113	28196	29.53	ng	# 60
36) 4-Chloro-3-methylphenol	12.185	107	158331	45.74	ng	# 95
37) 2-Methylnaphthalene	12.561	142	327251	45.42	ng	98
38) 1-Methylnaphthalene	12.785	142	301700	44.21	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	193826	50.17	ng	97
41) Hexachlorocyclopentadiene	12.908	237	168075	73.44	ng	90
43) 2,4,6-Trichlorophenol	13.167	196	131667	49.35	ng	92

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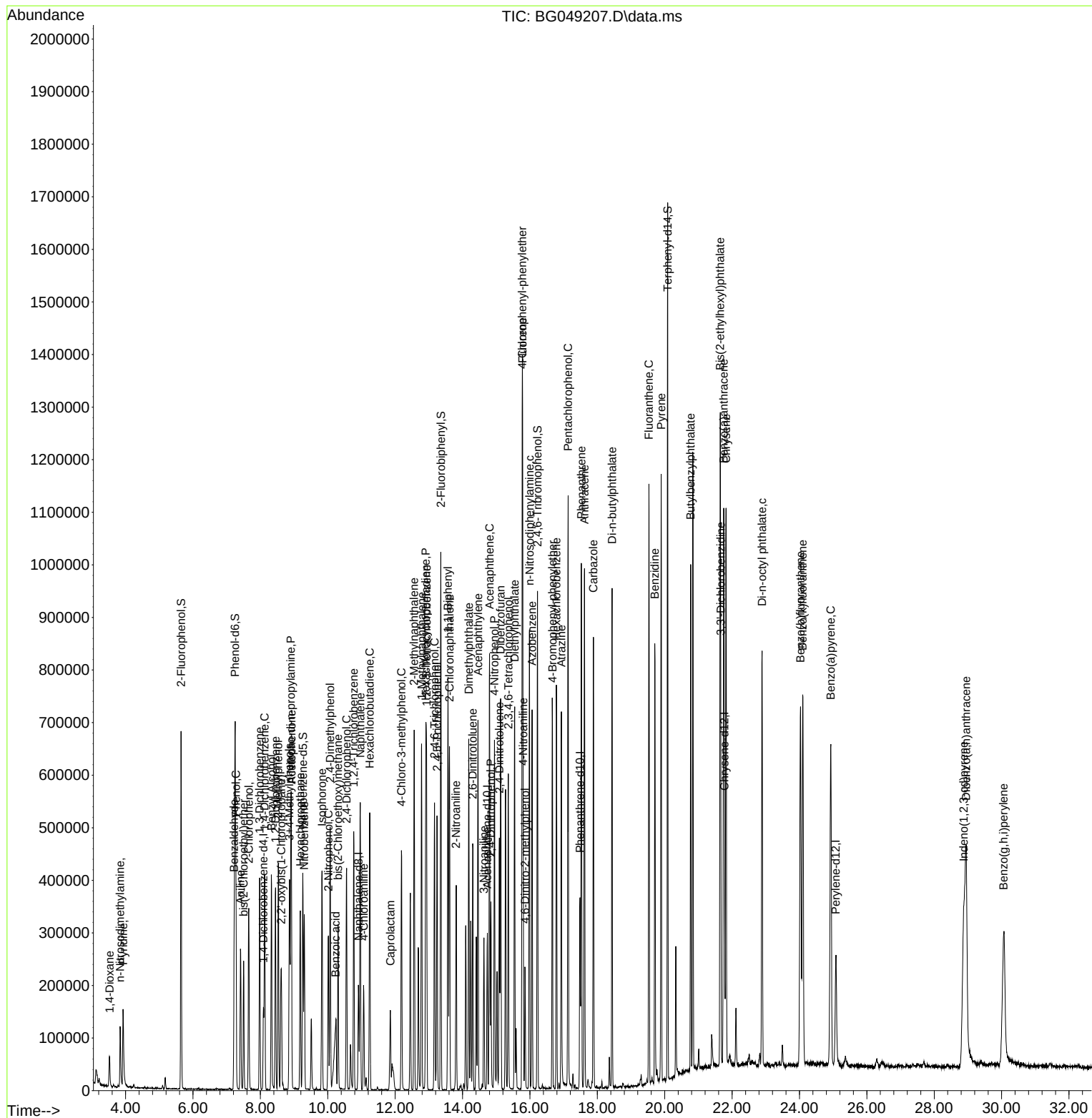
Instrument :
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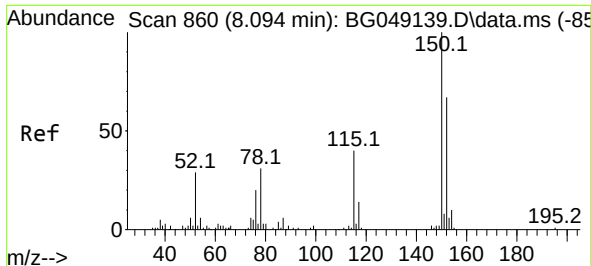
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	139269	47.74	ng	92
46) 1,1'-Biphenyl	13.566	154	401965	48.59	ng	96
47) 2-Chloronaphthalene	13.613	162	321154	47.18	ng	97
48) 2-Nitroaniline	13.807	65	117391	47.29	ng	97
49) Acenaphthylene	14.459	152	508701	47.40	ng	98
50) Dimethylphthalate	14.183	163	407298	45.83	ng	98
51) 2,6-Dinitrotoluene	14.301	165	92373	45.34	ng	89
52) Acenaphthene	14.800	154	304441	45.51	ng	95
53) 3-Nitroaniline	14.636	138	63012	32.20	ng	90
54) 2,4-Dinitrophenol	14.841	184	75407	55.58	ng	93
55) Dibenzofuran	15.129	168	486356	44.66	ng	99
56) 4-Nitrophenol	14.947	139	144218	90.43	ng	92
57) 2,4-Dinitrotoluene	15.094	165	129304	44.68	ng	95
58) Fluorene	15.781	166	400115	44.43	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.358	232	127866	47.08	ng	# 97
60) Diethylphthalate	15.546	149	427504	45.39	ng	97
61) 4-Chlorophenyl-phenyle...	15.769	204	229374	46.01	ng	96
62) 4-Nitroaniline	15.799	138	77996	38.36	ng	# 83
63) Azobenzene	16.063	77	401910	42.33	ng	91
65) 4,6-Dinitro-2-methylph...	15.858	198	50455	31.23	ng	95
66) n-Nitrosodiphenylamine	15.987	169	346888	49.03	ng	97
67) 4-Bromophenyl-phenylether	16.668	248	152752	50.06	ng	91
68) Hexachlorobenzene	16.786	284	165410	49.03	ng	97
69) Atrazine	16.933	200	145941	62.12	ng	95
70) Pentachlorophenol	17.133	266	214791	109.38	ng	96
71) Phenanthrene	17.526	178	613495	47.10	ng	98
72) Anthracene	17.620	178	633432	48.78	ng	98
73) Carbazole	17.885	167	567557	45.84	ng	97
74) Di-n-butylphthalate	18.437	149	672588	47.25	ng	98
75) Fluoranthene	19.530	202	737347	45.22	ng	98
77) Benzidine	19.706	184	498144	107.18	ng	98
78) Pyrene	19.894	202	738905	45.98	ng	98
80) Butylbenzylphthalate	20.770	149	288797	47.43	ng	98
81) Benzo(a)anthracene	21.751	228	740993	45.91	ng	99
82) 3,3'-Dichlorobenzidine	21.663	252	230345	41.96	ng	99
83) Chrysene	21.821	228	709714	46.29	ng	96
84) Bis(2-ethylhexyl)phtha...	21.645	149	416105	48.39	ng	99
85) Di-n-octyl phthalate	22.891	149	696442	48.12	ng	98
87) Indeno(1,2,3-cd)pyrene	28.872	276	877234	47.79	ng	92
88) Benzo(b)fluoranthene	24.030	252	790027	47.59	ng	# 96
89) Benzo(k)fluoranthene	24.095	252	730155	46.10	ng	99
90) Benzo(a)pyrene	24.929	252	757224	49.44	ng	97
91) Dibenzo(a,h)anthracene	28.948	278	724444	46.76	ng	97
92) Benzo(g,h,i)perylene	30.059	276	692719	45.36	ng	100

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

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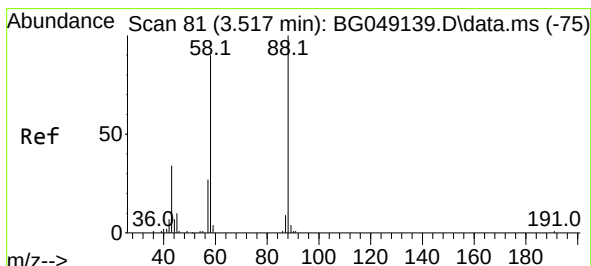
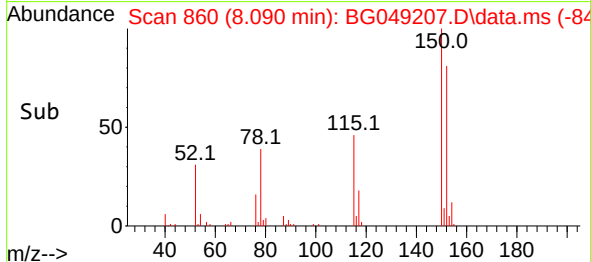
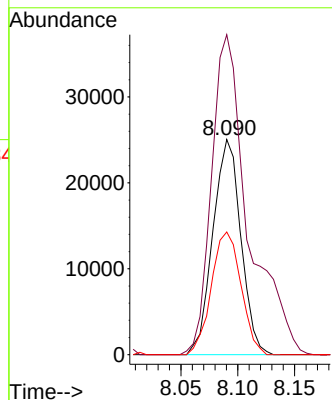
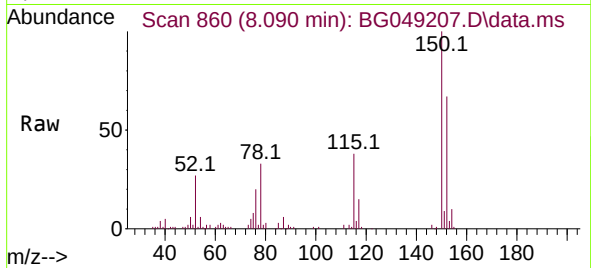




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

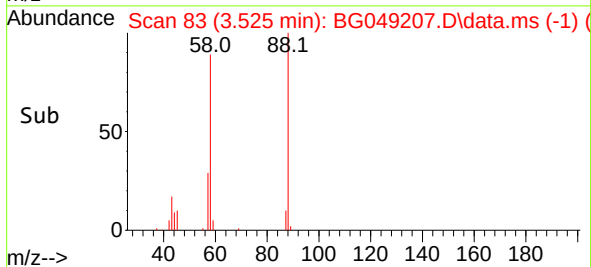
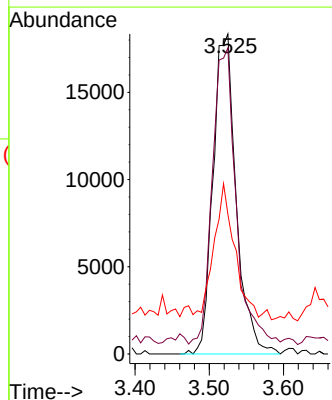
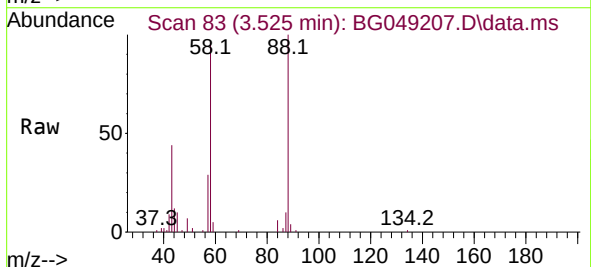
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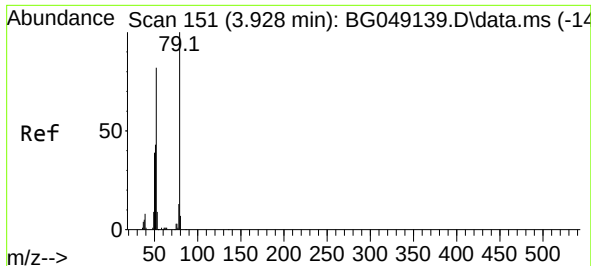
Tgt Ion:152 Resp: 42916
Ion Ratio Lower Upper
152 100
150 148.7 119.4 179.0
115 57.0 60.2 90.4#



#2
1,4-Dioxane
Concen: 33.00 ng
RT: 3.525 min Scan# 83
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 88 Resp: 39700
Ion Ratio Lower Upper
88 100
58 95.0 55.7 83.5#
43 38.3 29.3 43.9

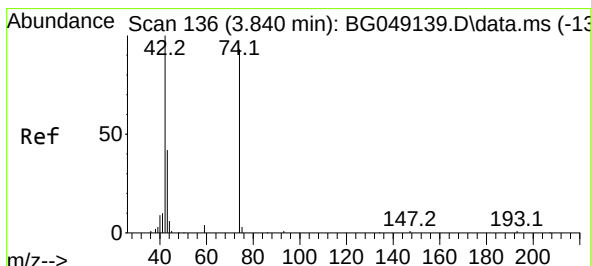
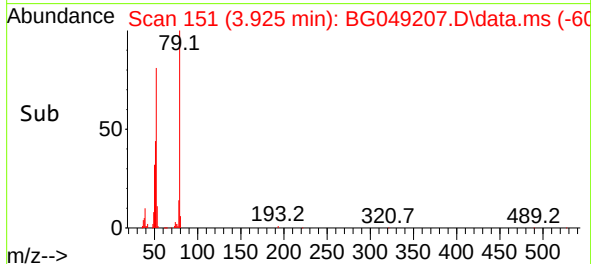
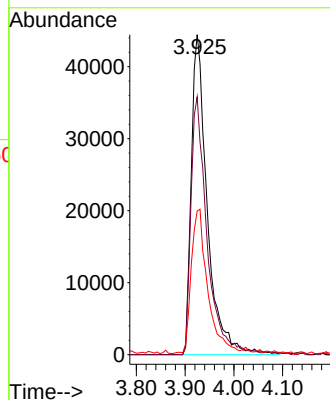
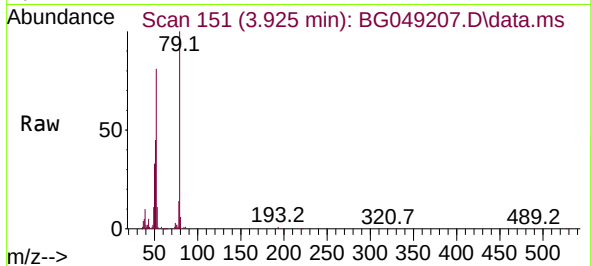




#3
Pyridine
Concen: 31.20 ng
RT: 3.925 min Scan# 151
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

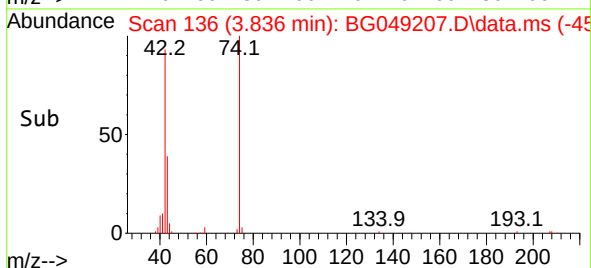
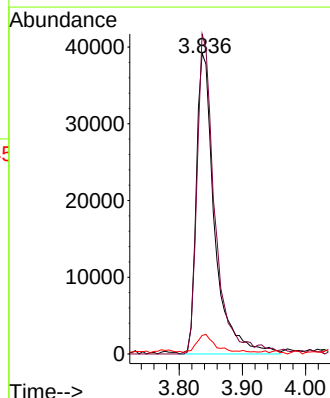
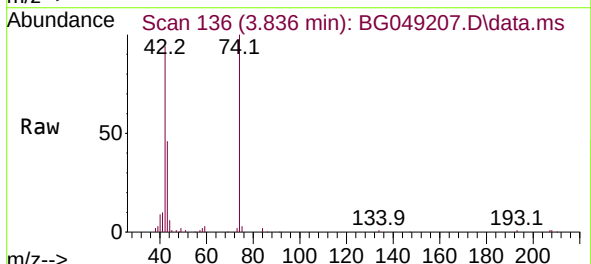
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

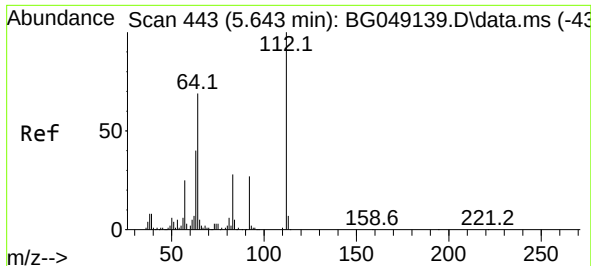
Tgt Ion: 79 Resp: 101490
Ion Ratio Lower Upper
79 100
52 80.6 58.4 87.6
51 44.9 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 42.53 ng
RT: 3.836 min Scan# 136
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 42 Resp: 78569
Ion Ratio Lower Upper
42 100
74 106.4 64.0 96.0#
44 6.2 2.7 4.1#

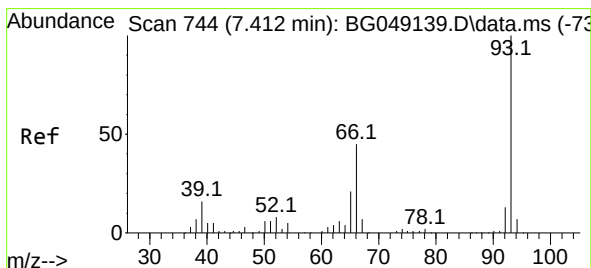
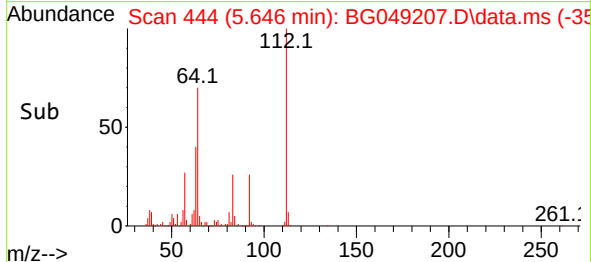
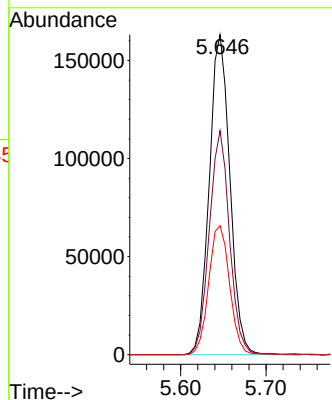
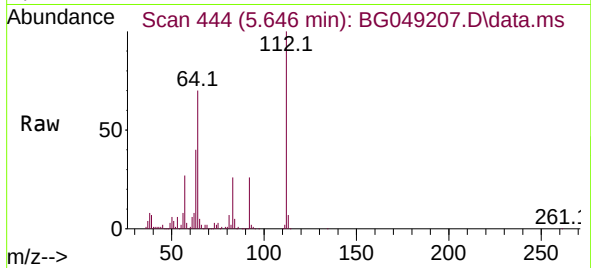




#5
2-Fluorophenol
Concen: 99.85 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

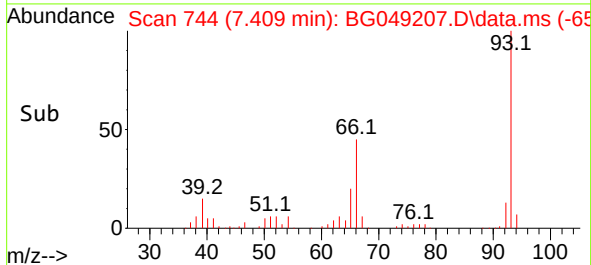
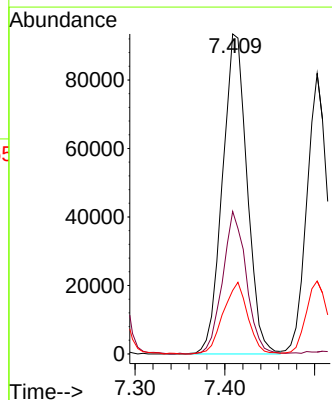
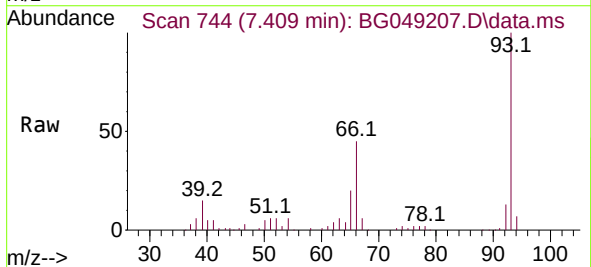
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

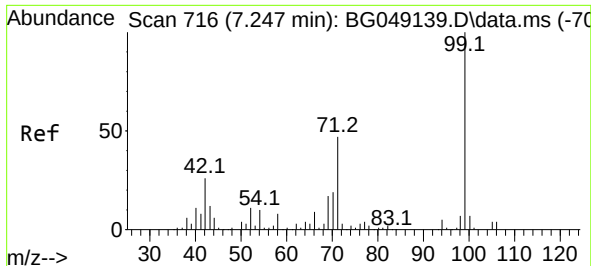
Tgt Ion:112 Resp: 273578
Ion Ratio Lower Upper
112 100
64 70.0 46.7 70.1
63 40.3 35.3 52.9



#6
Aniline
Concen: 37.40 ng
RT: 7.409 min Scan# 744
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 93 Resp: 177891
Ion Ratio Lower Upper
93 100
66 44.6 30.6 45.8
65 19.8 15.0 22.4

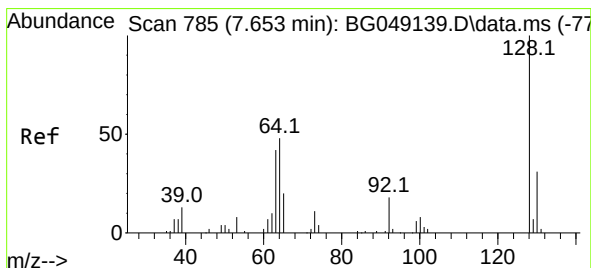
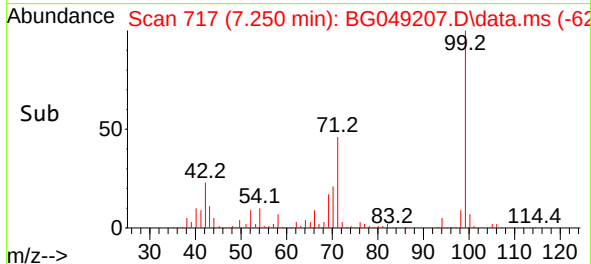
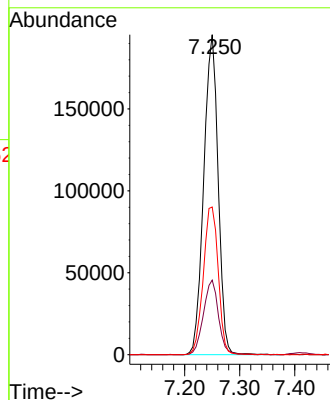
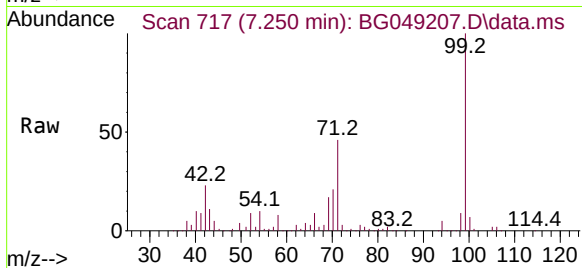




#7
Phenol-d6
Concen: 90.72 ng
RT: 7.250 min Scan# 717
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

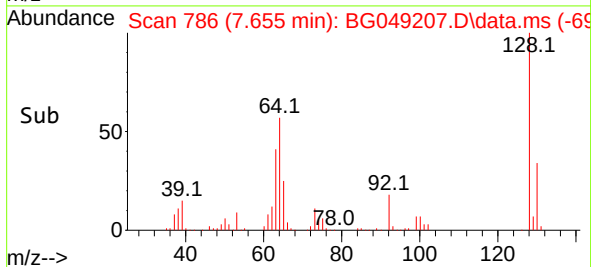
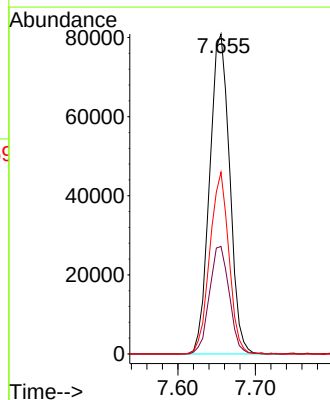
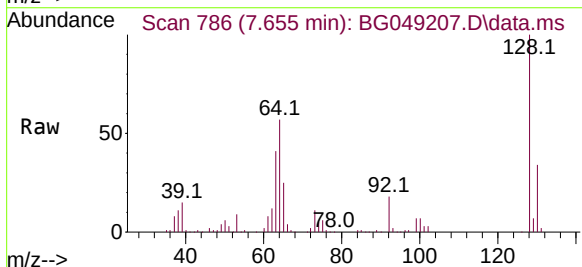
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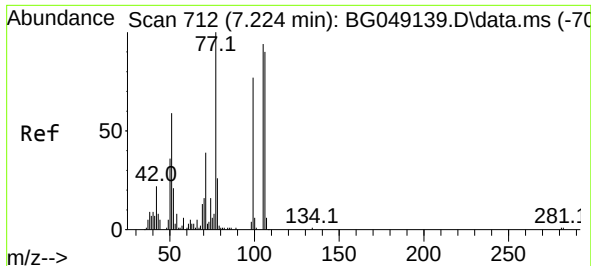
Tgt Ion: 99 Resp: 354407
Ion Ratio Lower Upper
99 100
42 23.3 20.5 30.7
71 46.1 41.5 62.3



#8
2-Chlorophenol
Concen: 48.28 ng
RT: 7.655 min Scan# 786
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:128 Resp: 145156
Ion Ratio Lower Upper
128 100
130 33.6 10.0 50.0
64 56.8 28.1 68.1

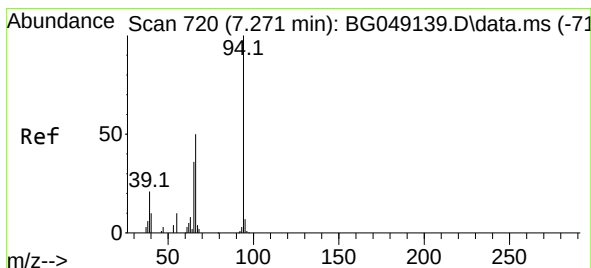
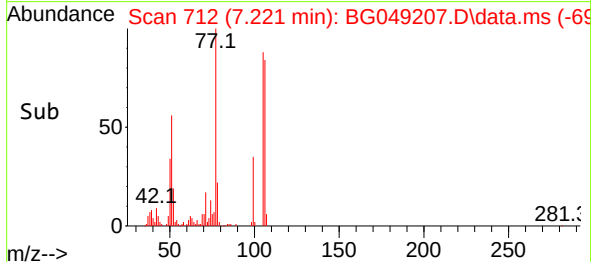
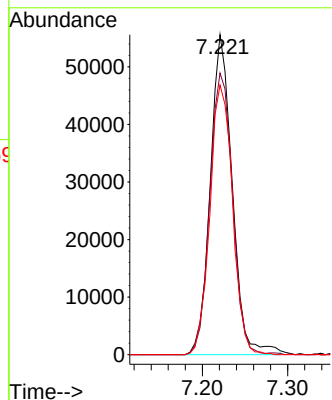
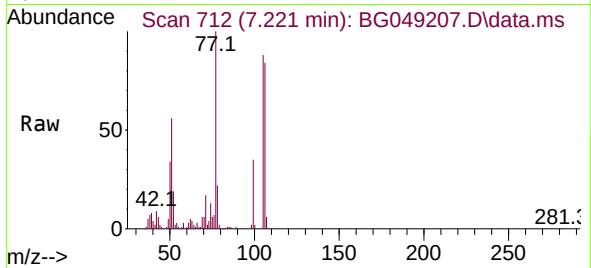




#9
Benzaldehyde
Concen: 48.44 ng
RT: 7.221 min Scan# 712
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

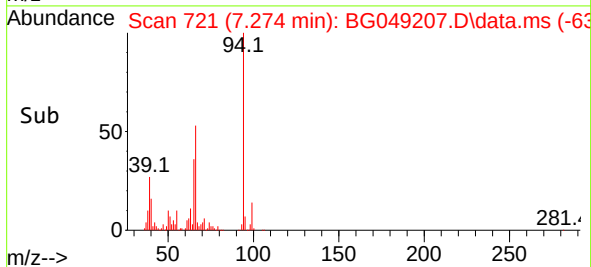
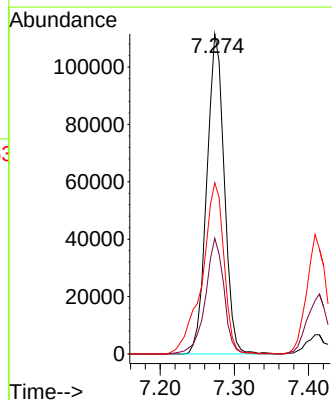
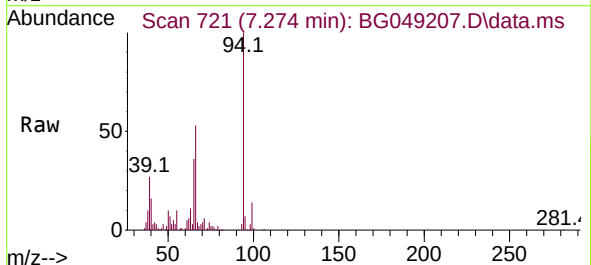
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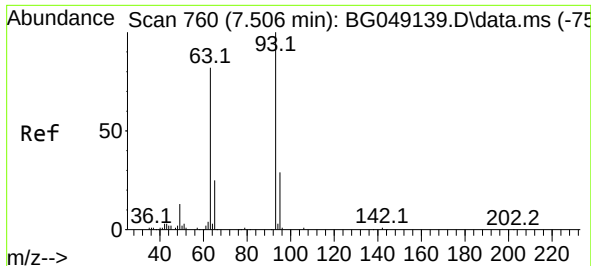
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Ion Ratio Lower Upper
77 100
105 88.0 68.8 108.8
106 84.2 47.9 87.9



#10
Phenol
Concen: 46.37 ng
RT: 7.274 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 94 Resp: 181987
Ion Ratio Lower Upper
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65 36.2 12.9 52.9
66 53.5 39.4 79.4

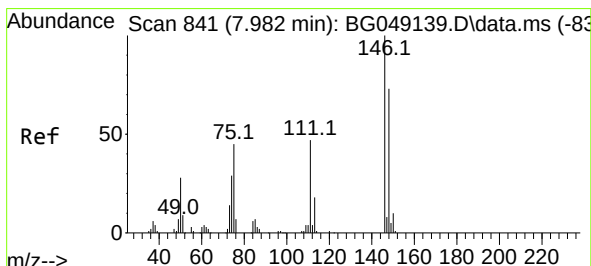
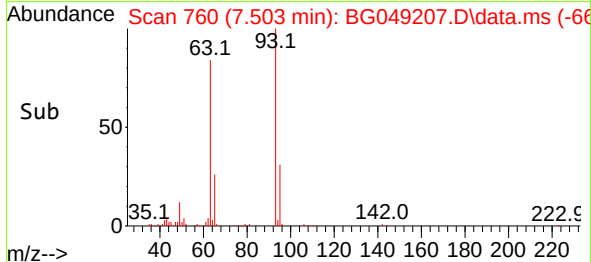
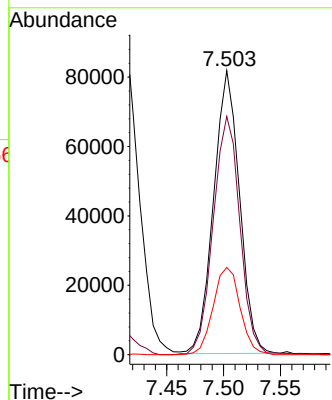
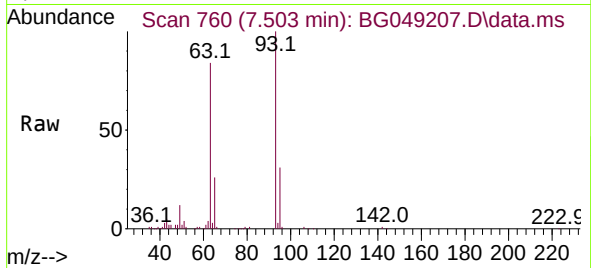




#11
bis(2-Chloroethyl)ether
Concen: 45.19 ng
RT: 7.503 min Scan# 760
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

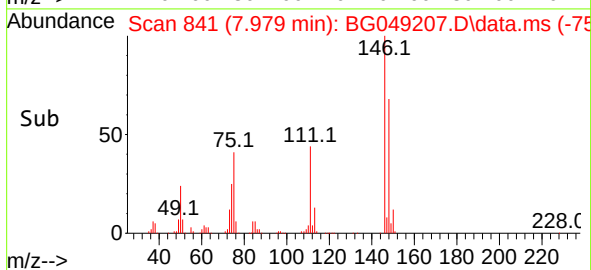
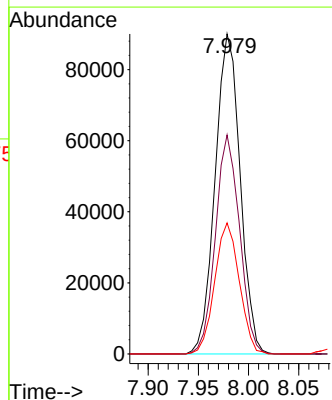
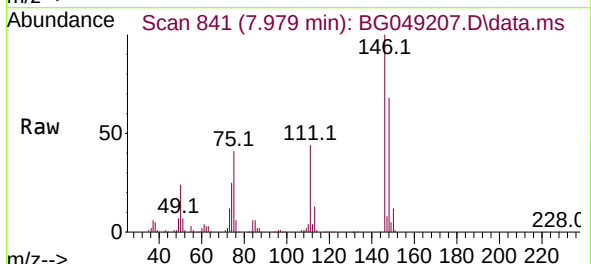
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

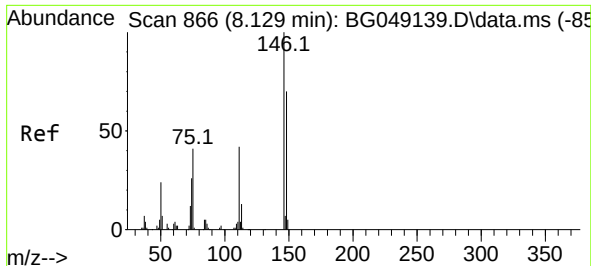
Tgt Ion: 93 Resp: 129346
Ion Ratio Lower Upper
93 100
63 83.9 50.4 90.4
95 30.7 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 46.48 ng
RT: 7.979 min Scan# 841
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:146 Resp: 156288
Ion Ratio Lower Upper
146 100
148 68.5 52.6 78.8
75 41.0 35.7 53.5

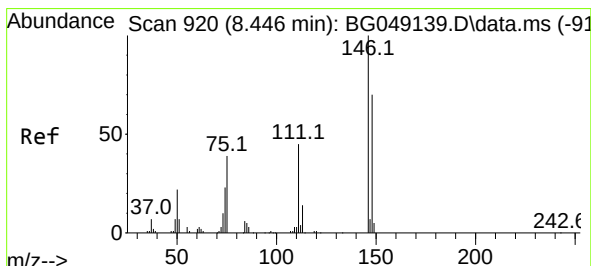
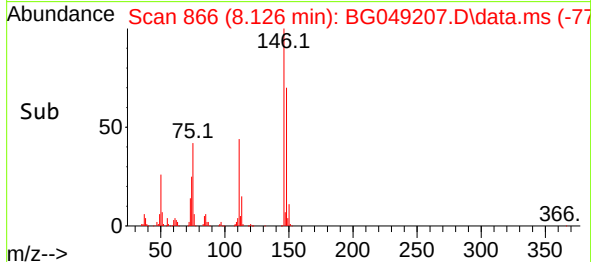
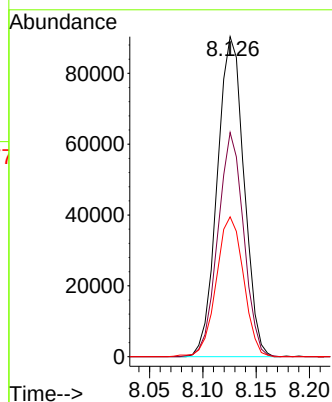
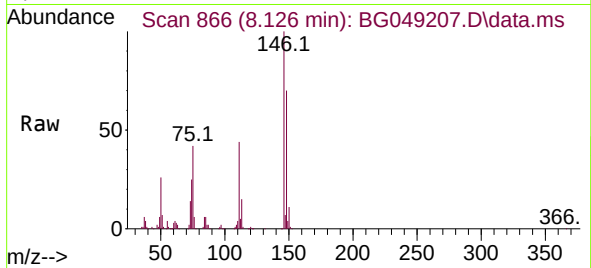




#13
1,4-Dichlorobenzene
Concen: 46.60 ng
RT: 8.126 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

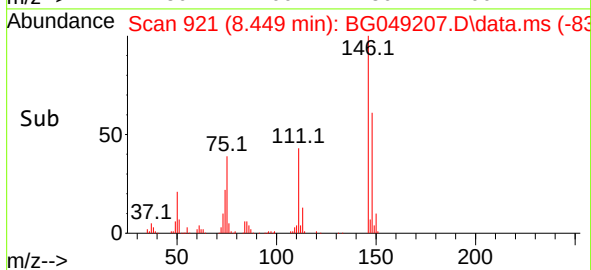
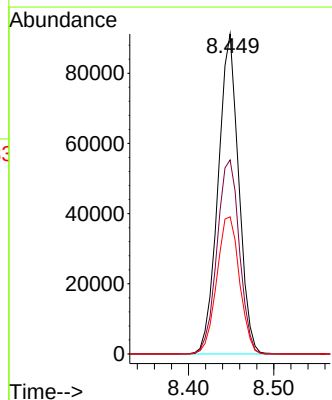
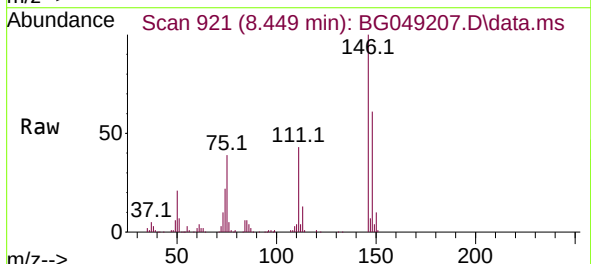
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

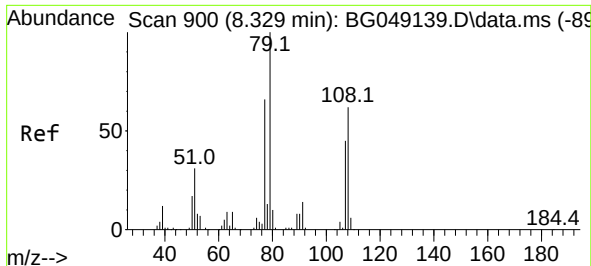
Tgt Ion:146 Resp: 157552
Ion Ratio Lower Upper
146 100
148 70.1 54.0 81.0
111 43.7 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 47.06 ng
RT: 8.449 min Scan# 921
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

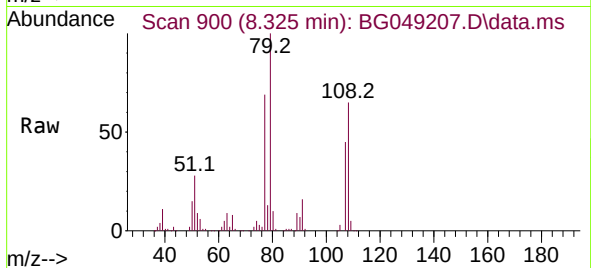
Tgt Ion:146 Resp: 153177
Ion Ratio Lower Upper
146 100
148 60.7 47.5 71.3
111 42.9 39.1 58.7



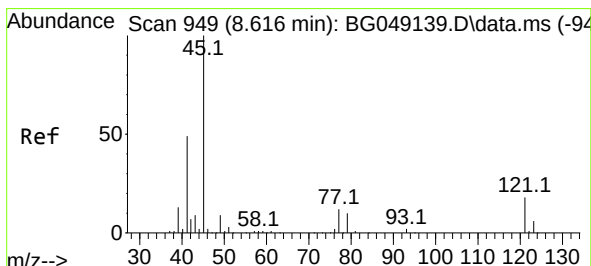
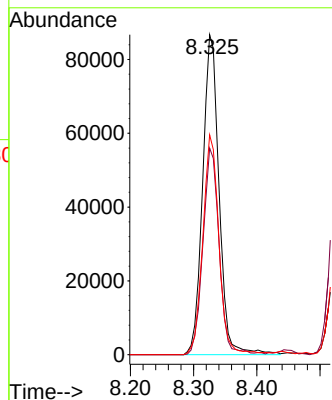
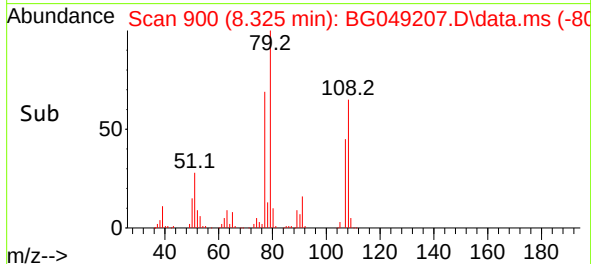


#15
Benzyl Alcohol
Concen: 45.60 ng
RT: 8.325 min Scan# 900
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

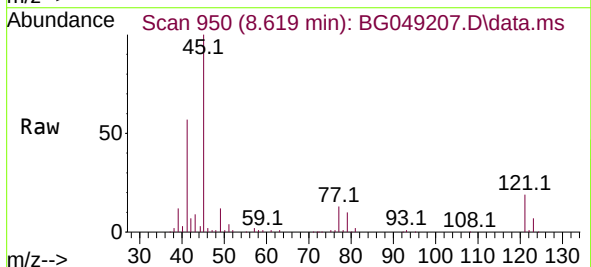
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



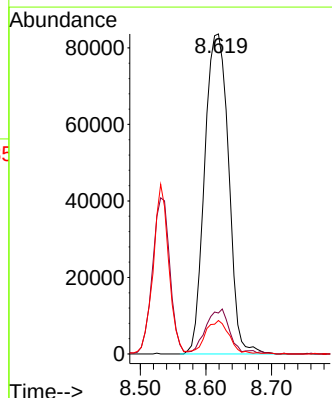
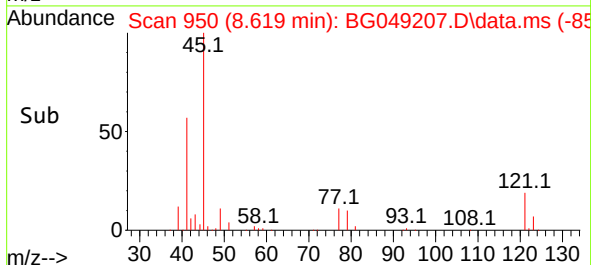
Tgt Ion: 79 Resp: 156864
Ion Ratio Lower Upper
79 100
108 64.6 48.2 72.4
77 68.7 57.3 85.9

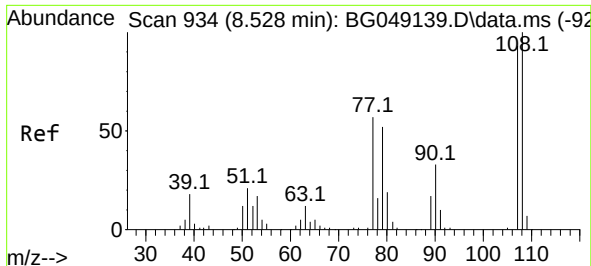


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.67 ng
RT: 8.619 min Scan# 950
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



Tgt Ion: 45 Resp: 212179
Ion Ratio Lower Upper
45 100
77 12.8 2.2 42.2
79 10.4 0.0 34.3

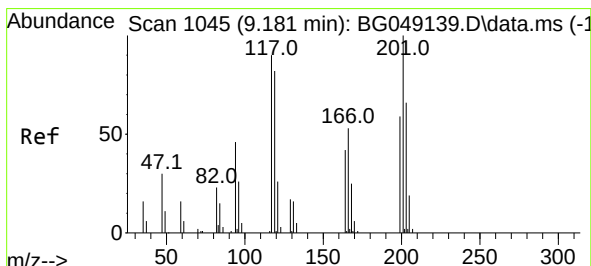
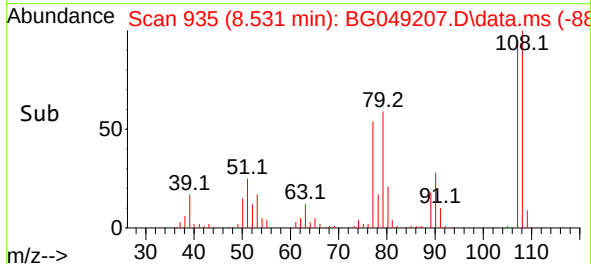
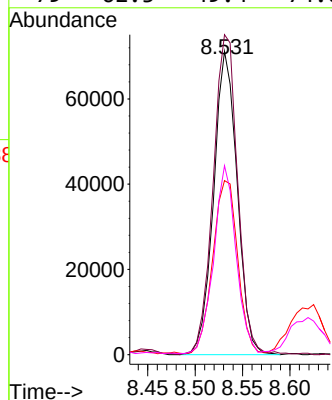
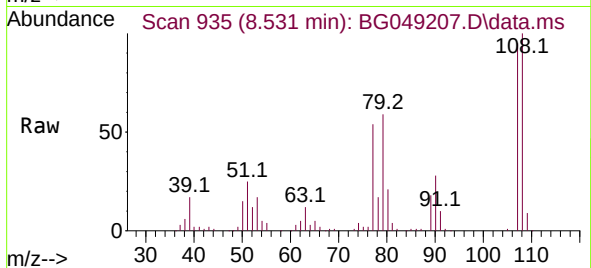




#17
2-Methylphenol
Concen: 46.44 ng
RT: 8.531 min Scan# 935
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

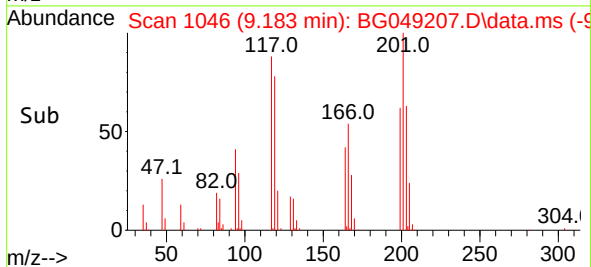
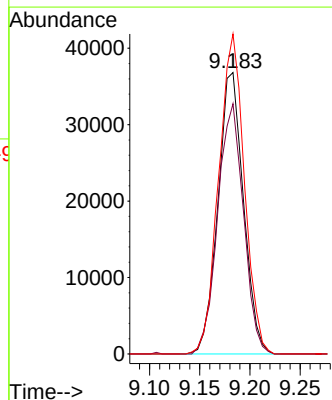
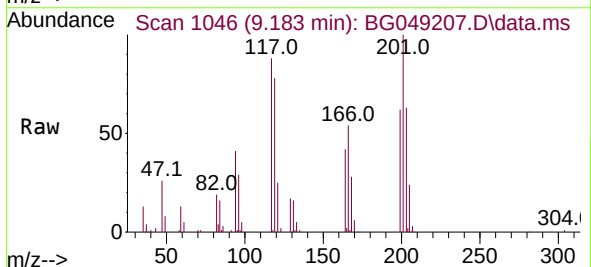
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

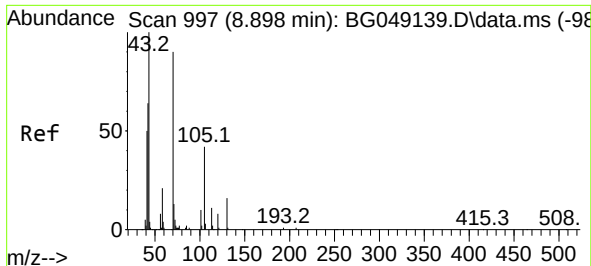
Tgt Ion:	107	Resp:	122816
Ion Ratio	Lower	Upper	
107	100		
108	105.5	84.6	127.0
77	57.4	50.7	76.1
79	62.3	49.4	74.0



#18
Hexachloroethane
Concen: 48.18 ng
RT: 9.183 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:	117	Resp:	65053
Ion Ratio	Lower	Upper	
117	100		
119	88.9	74.4	111.6
201	113.7	88.6	133.0



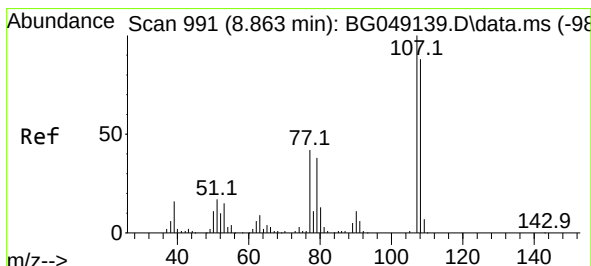
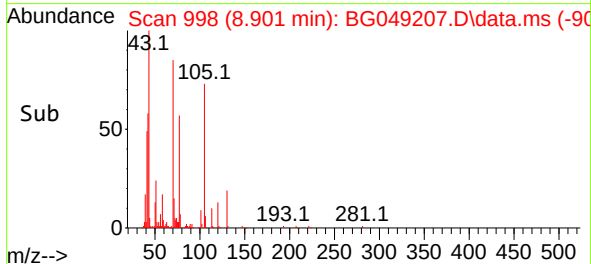
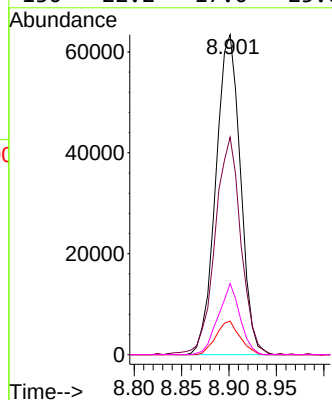
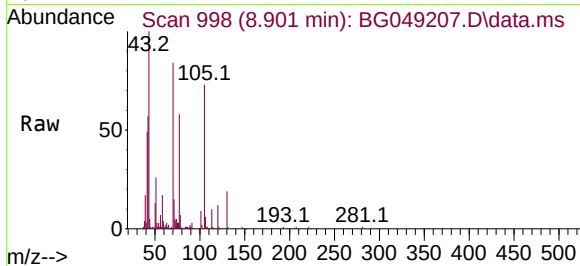


#19
n-Nitroso-di-n-propylamine
Concen: 40.78 ng
RT: 8.901 min Scan# 998
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

Tgt Ion: 70 Resp: 114482

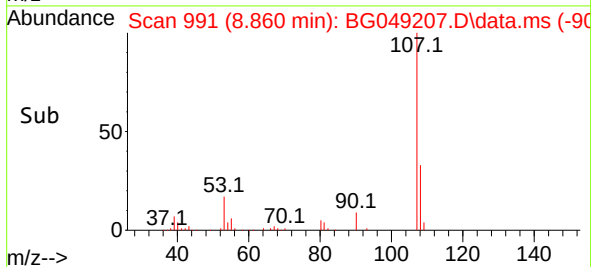
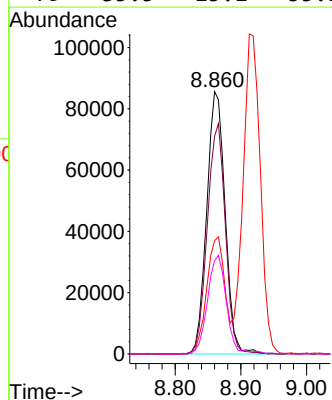
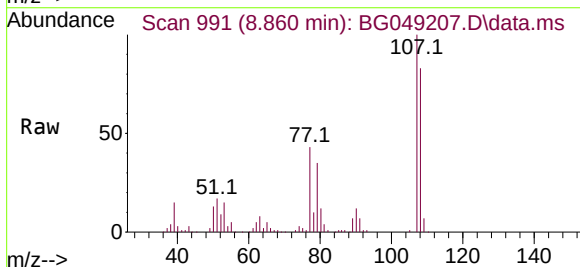
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.5	81.7
101	10.5	9.0	13.6
130	22.2	17.0	25.6

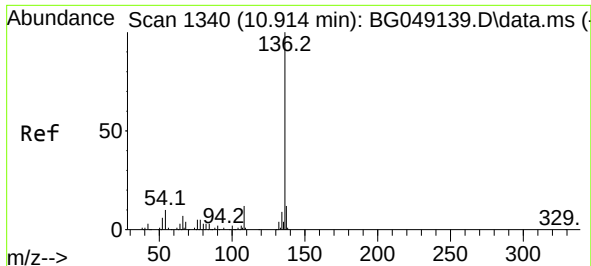


#20
3+4-Methylphenols
Concen: 45.53 ng
RT: 8.860 min Scan# 991
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 107 Resp: 166918

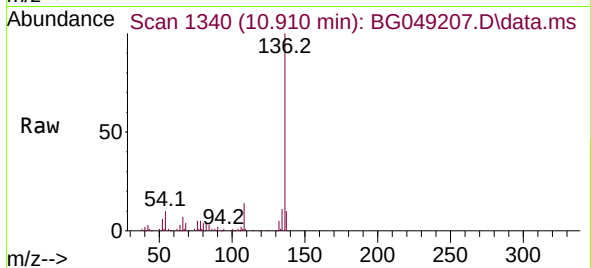
Ion	Ratio	Lower	Upper
107	100		
108	83.0	69.3	109.3
77	43.2	25.2	65.2
79	35.5	15.1	55.1



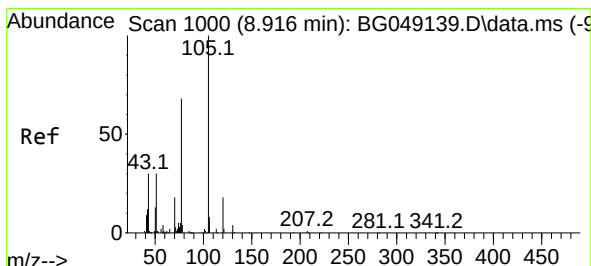
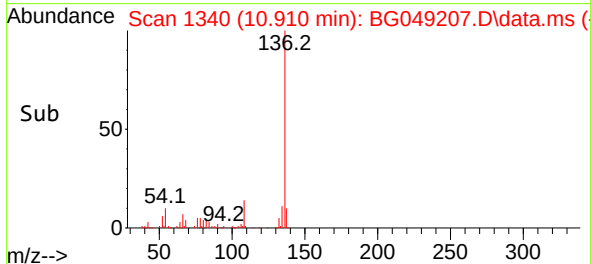
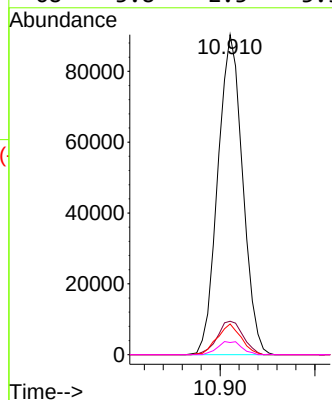


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.910 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

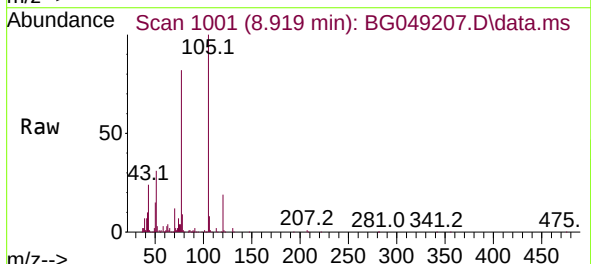
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



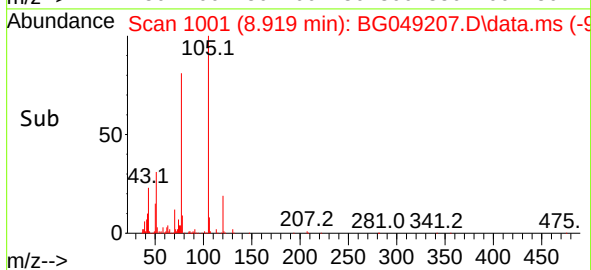
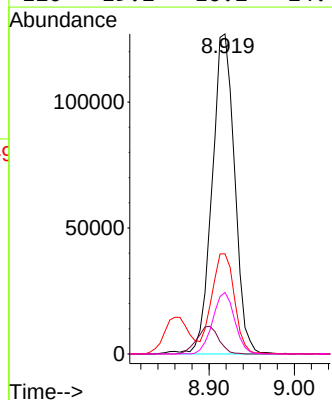
Tgt Ion:	136	Resp:	164337
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	9.6	5.5	8.3#
68	3.8	2.3	3.5#

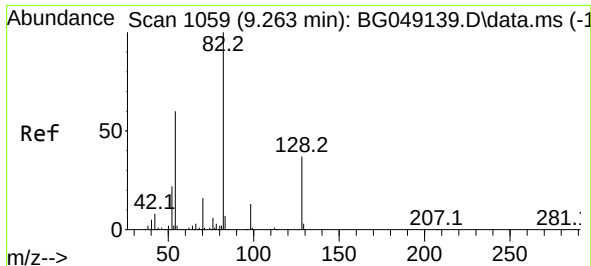


#22
Acetophenone
Concen: 47.40 ng
RT: 8.919 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



Tgt Ion:	105	Resp:	232367
Ion Ratio	Lower	Upper	
105	100		
71	2.1	0.6	0.8#
51	31.3	26.6	40.0
120	19.2	16.2	24.4





#23

Nitrobenzene-d5

Concen: 65.16 ng

RT: 9.259 min Scan# 1059

Delta R.T. 0.006 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

Instrument :

BNA_G

ClientSampleId :

A4-SOIL-BANKMSD

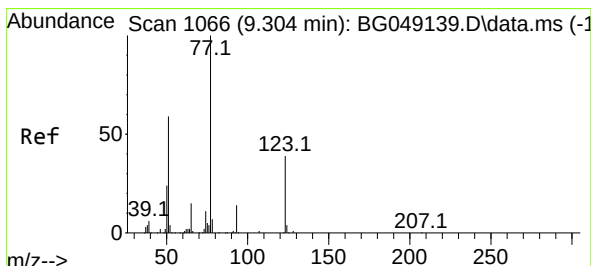
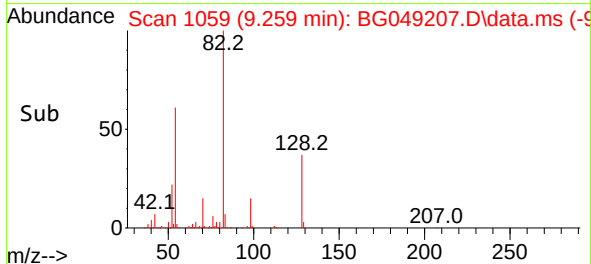
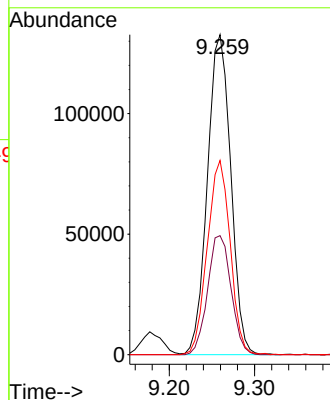
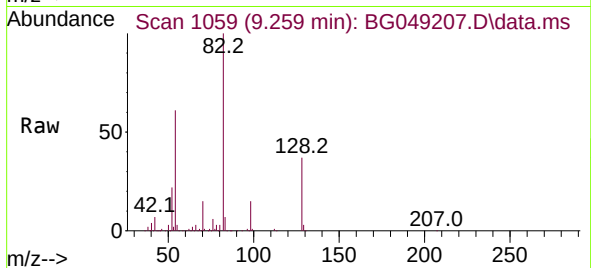
Tgt Ion: 82 Resp: 252549

Ion Ratio Lower Upper

82 100

128 37.2 29.8 44.6

54 60.7 45.8 68.8



#24

Nitrobenzene

Concen: 44.87 ng

RT: 9.301 min Scan# 1066

Delta R.T. 0.006 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

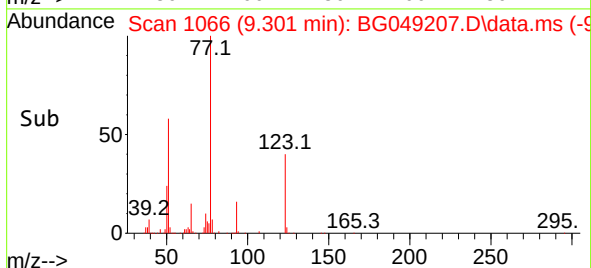
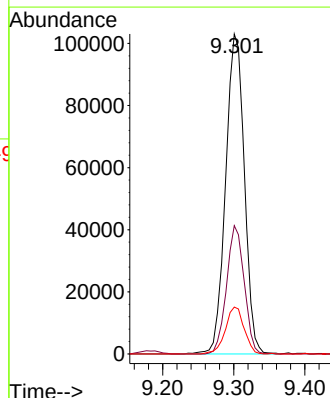
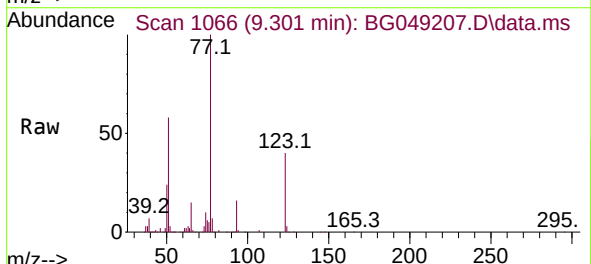
Tgt Ion: 77 Resp: 188427

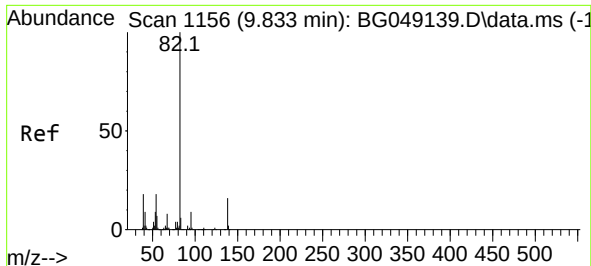
Ion Ratio Lower Upper

77 100

123 40.1 27.5 41.3

65 14.7 12.6 18.8

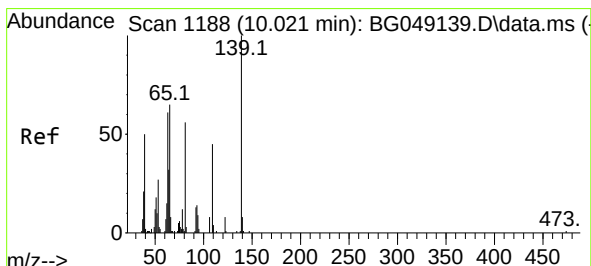
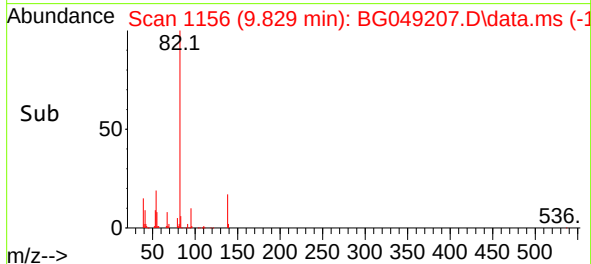
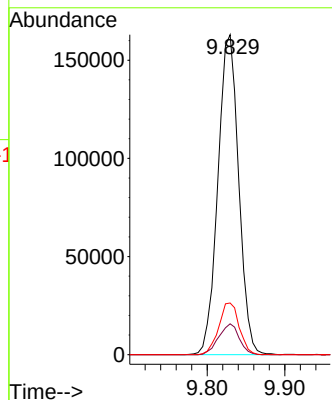
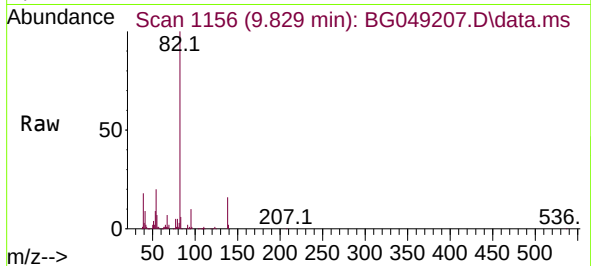




#25
Isophorone
Concen: 40.82 ng
RT: 9.829 min Scan# 1156
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

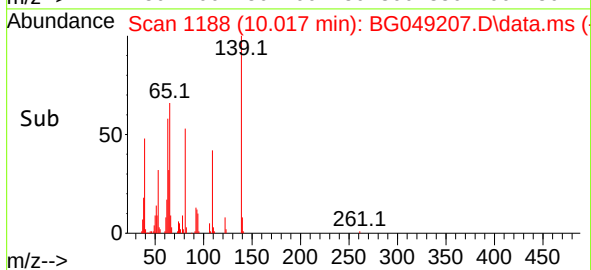
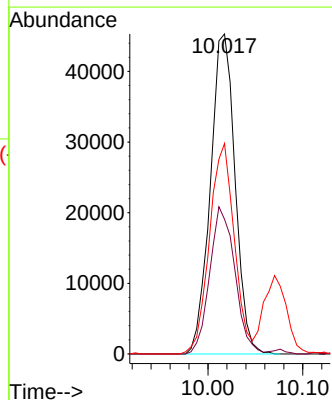
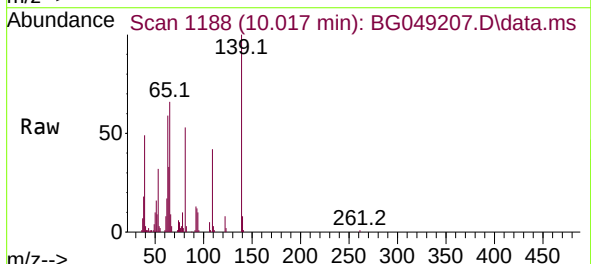
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

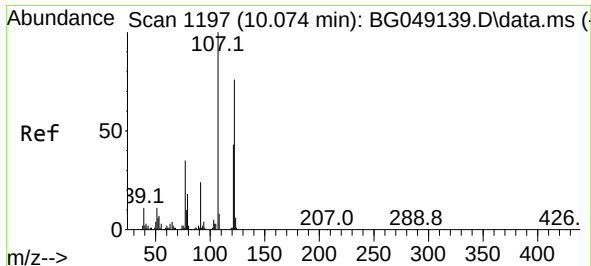
Tgt Ion: 82 Resp: 303935
Ion Ratio Lower Upper
82 100
95 9.6 8.5 12.7
138 16.1 11.8 17.6



#26
2-Nitrophenol
Concen: 49.11 ng
RT: 10.017 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:139 Resp: 82116
Ion Ratio Lower Upper
139 100
109 42.1 37.8 56.6
65 65.7 51.8 77.8

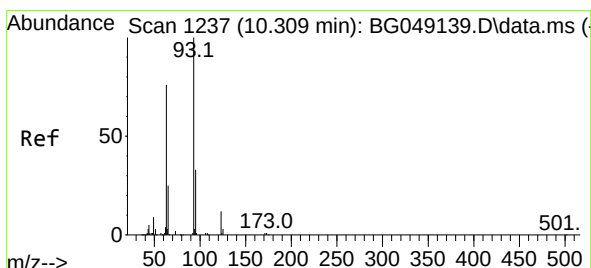
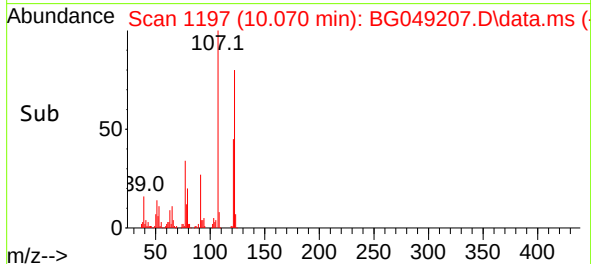
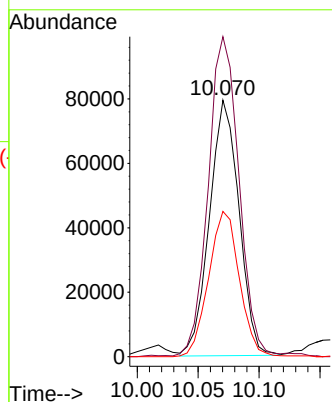
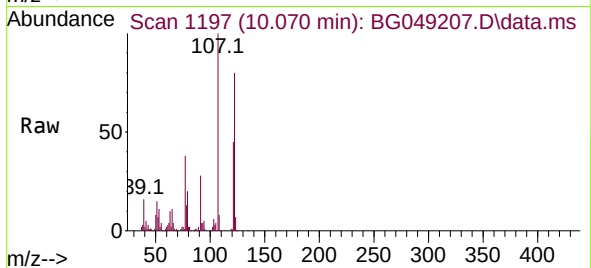




#27
2,4-Dimethylphenol
Concen: 53.41 ng
RT: 10.070 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

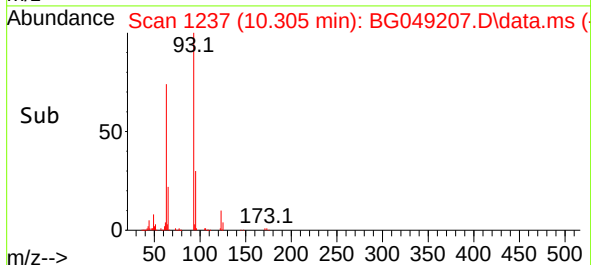
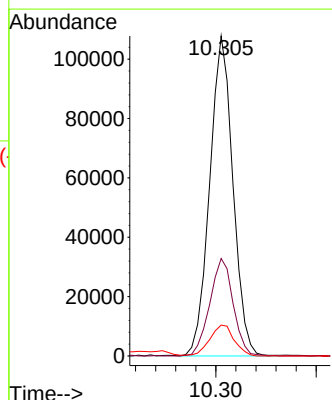
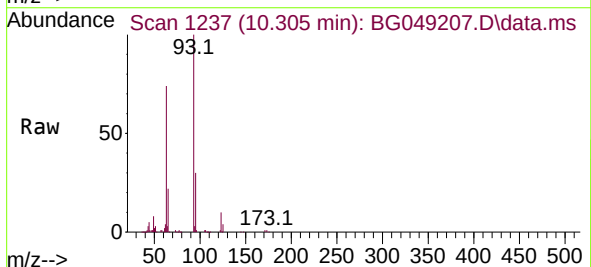
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

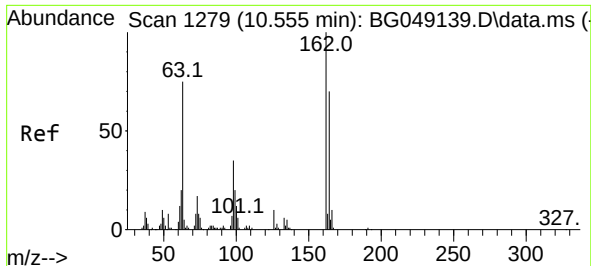
Tgt Ion:122 Resp: 133979
Ion Ratio Lower Upper
122 100
107 124.7 110.1 165.1
121 56.6 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.40 ng
RT: 10.305 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 93 Resp: 173433
Ion Ratio Lower Upper
93 100
95 30.5 22.2 33.4
123 9.7 8.8 13.2

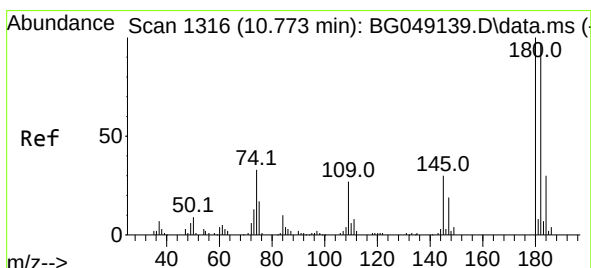
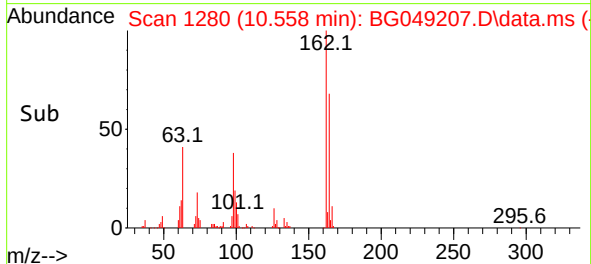
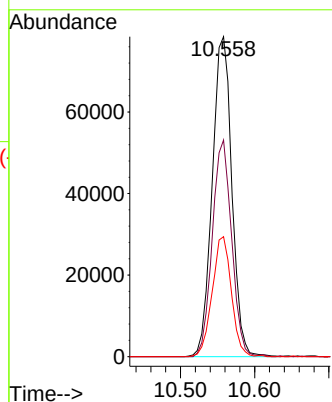
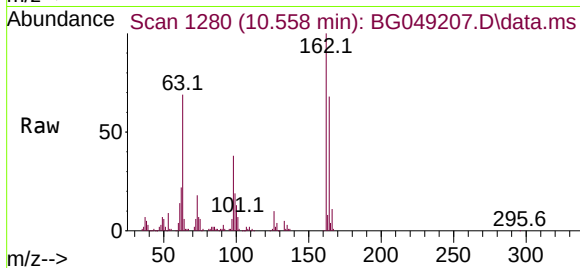




#29
2,4-Dichlorophenol
Concen: 47.93 ng
RT: 10.558 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

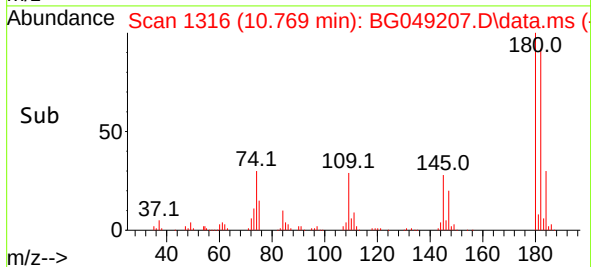
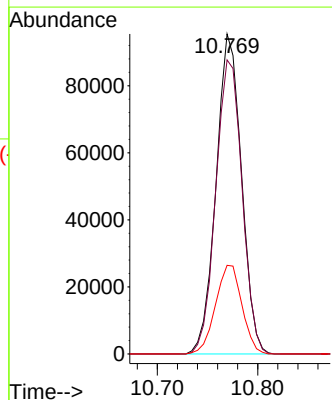
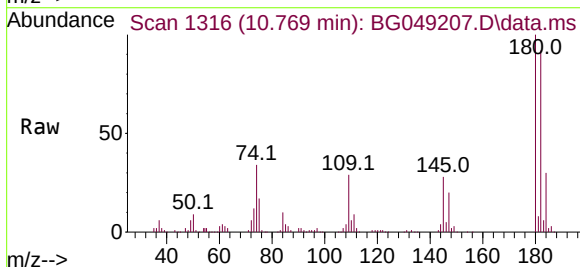
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

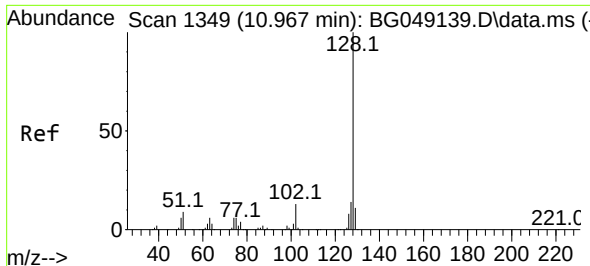
Tgt Ion:162 Resp: 144196
Ion Ratio Lower Upper
162 100
164 67.7 39.4 79.4
98 37.5 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 47.27 ng
RT: 10.769 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:180 Resp: 167486
Ion Ratio Lower Upper
180 100
182 91.9 78.9 118.3
145 27.7 26.2 39.4

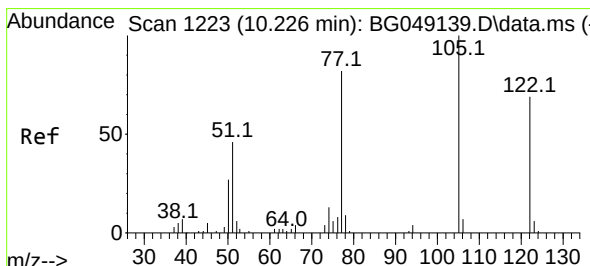
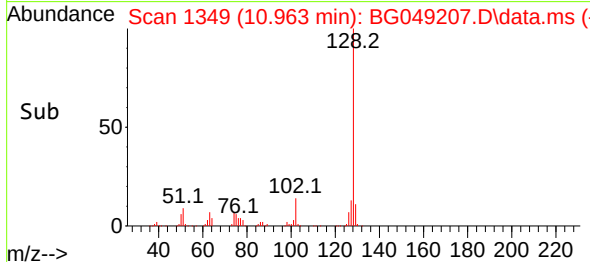
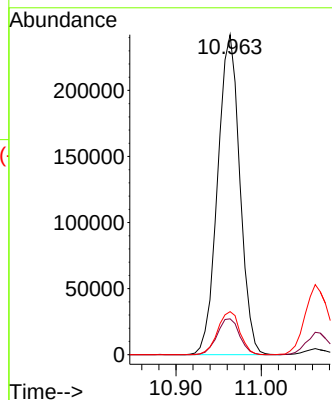
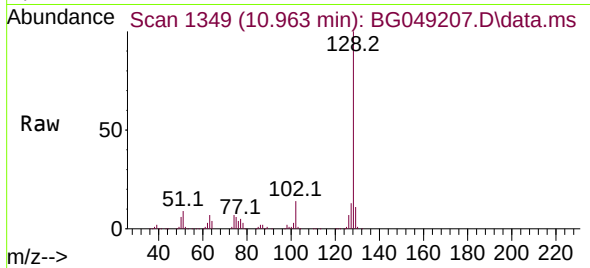




#31
Naphthalene
Concen: 45.70 ng
RT: 10.963 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

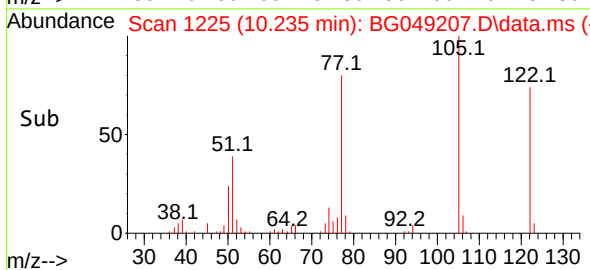
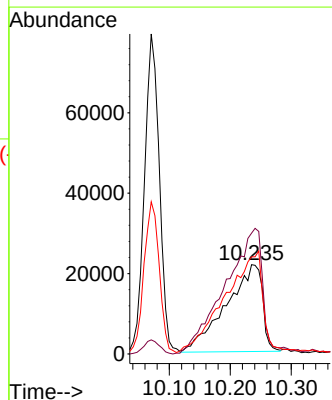
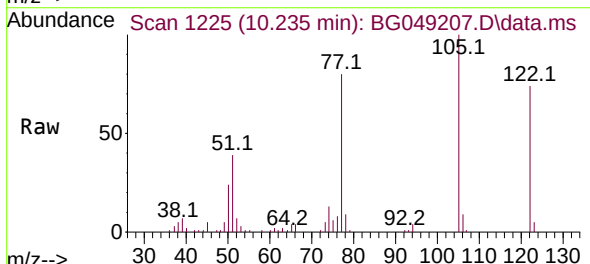
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

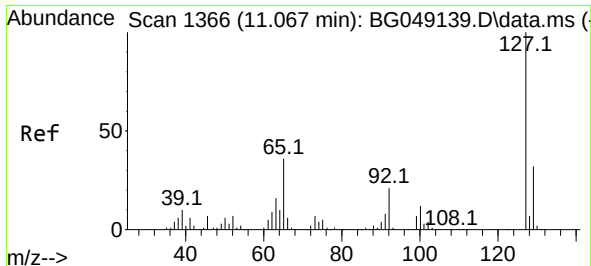
Tgt Ion:128 Resp: 437274
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.2 15.4



#32
Benzoic acid
Concen: 44.94 ng
RT: 10.235 min Scan# 1225
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:122 Resp: 90122
Ion Ratio Lower Upper
122 100
105 135.2 92.3 132.3#
77 108.7 66.5 106.5#

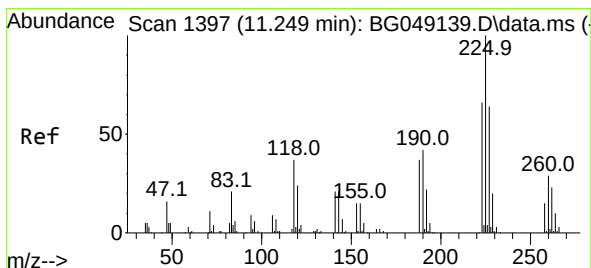
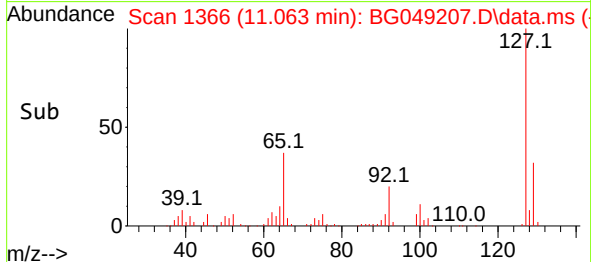
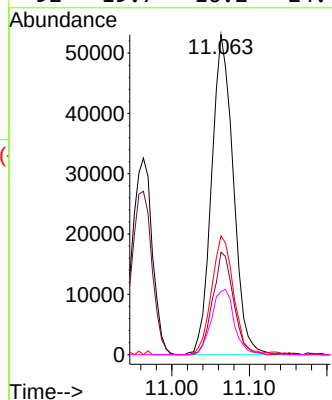
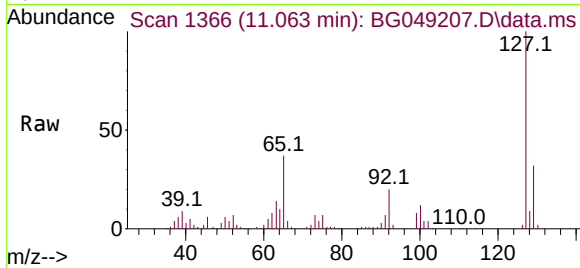




#33
4-Chloroaniline
Concen: 26.14 ng
RT: 11.063 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

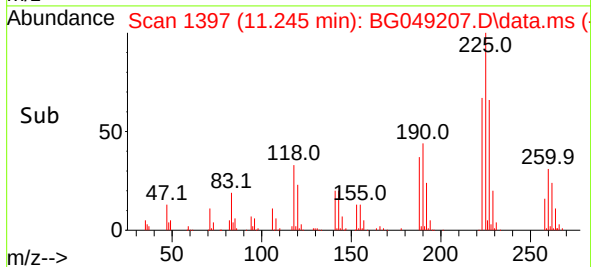
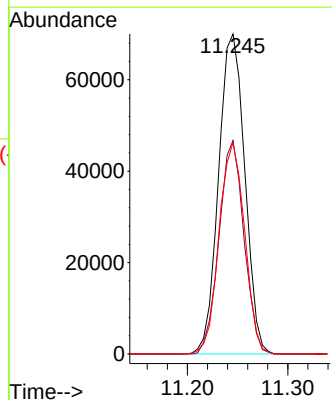
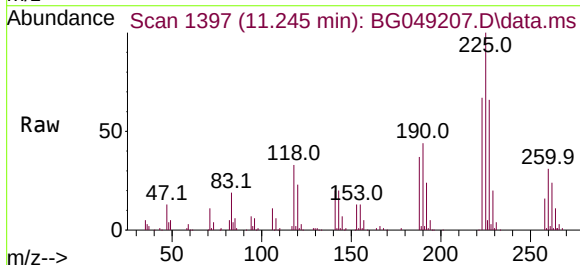
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

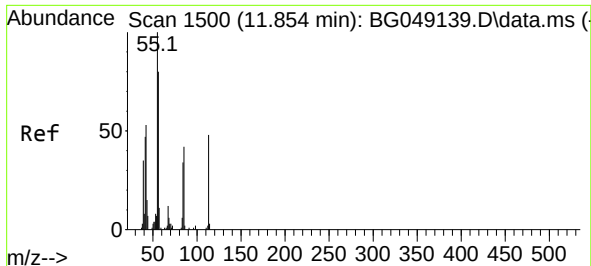
Tgt Ion:127	Resp: 103438
Ion Ratio	Lower Upper
127 100	
129 32.0	26.7 40.1
65 37.1	32.8 49.2
92 19.7	16.2 24.4



#34
Hexachlorobutadiene
Concen: 48.36 ng
RT: 11.245 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt	Ion:225	Resp:	126574
Ion	Ratio	Lower	Upper
225	100		
223	66.7	49.8	74.8
227	66.1	46.4	69.6

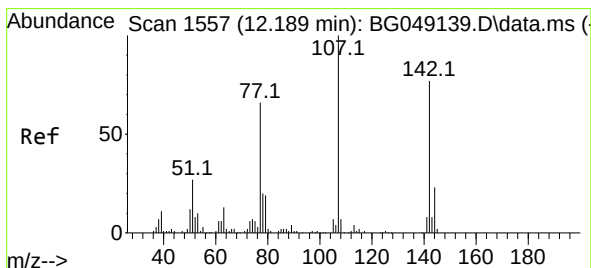
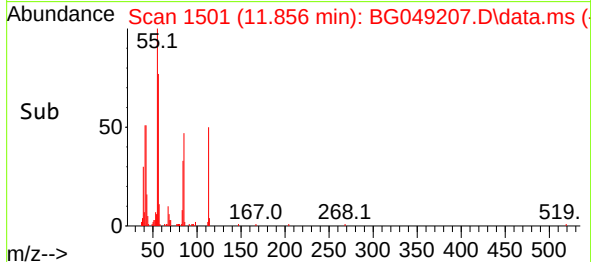
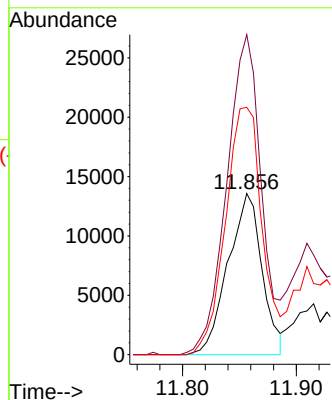
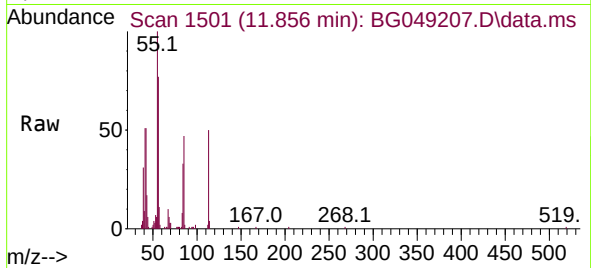




#35
Caprolactam
Concen: 29.53 ng
RT: 11.856 min Scan# 1501
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

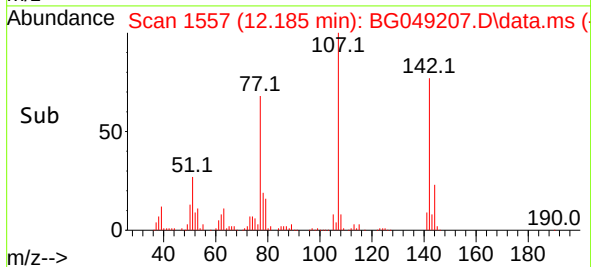
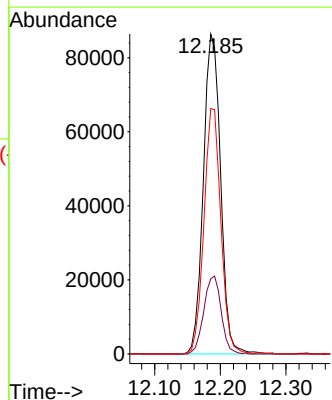
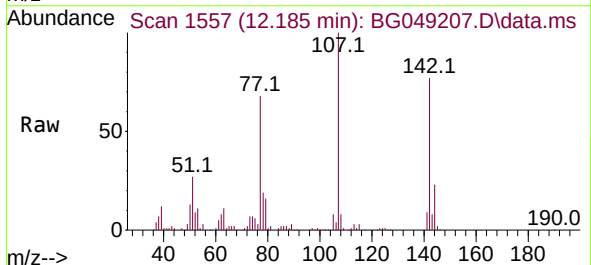
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

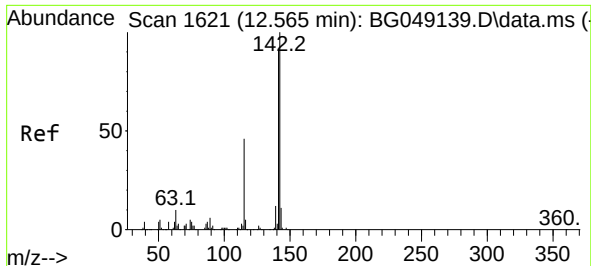
Tgt Ion:113 Resp: 28196
Ion Ratio Lower Upper
113 100
55 198.7 113.8 153.8#
56 153.6 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 45.74 ng
RT: 12.185 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:107 Resp: 158331
Ion Ratio Lower Upper
107 100
144 23.5 24.8 37.2#
142 76.7 62.2 93.4

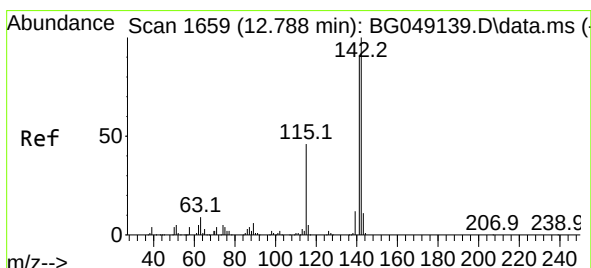
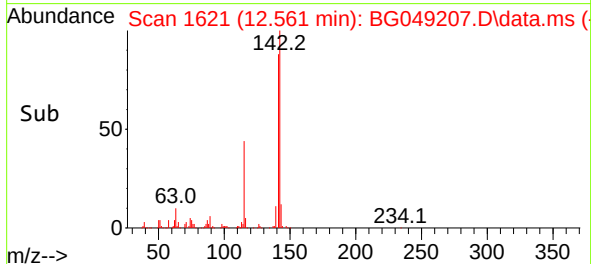
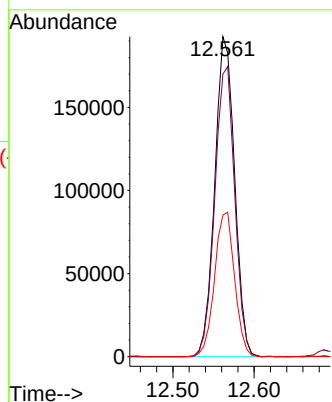
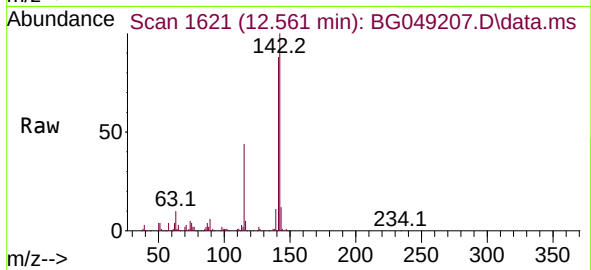




#37
2-Methylnaphthalene
Concen: 45.42 ng
RT: 12.561 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

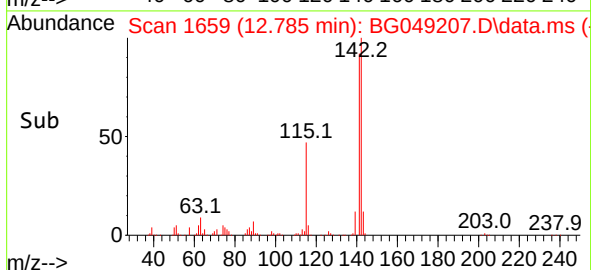
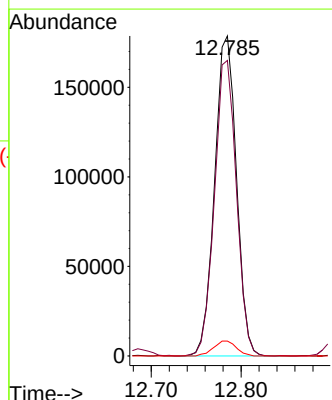
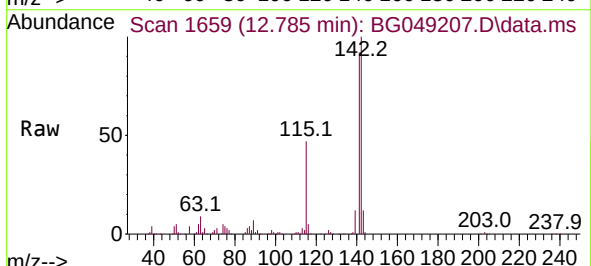
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

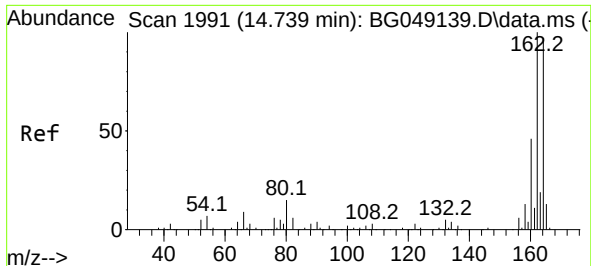
Tgt Ion:142 Resp: 327251
Ion Ratio Lower Upper
142 100
141 88.3 68.8 103.2
115 44.3 36.4 54.6



#38
1-Methylnaphthalene
Concen: 44.21 ng
RT: 12.785 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:142 Resp: 301700
Ion Ratio Lower Upper
142 100
141 92.4 70.6 106.0
116 4.7 4.0 6.0

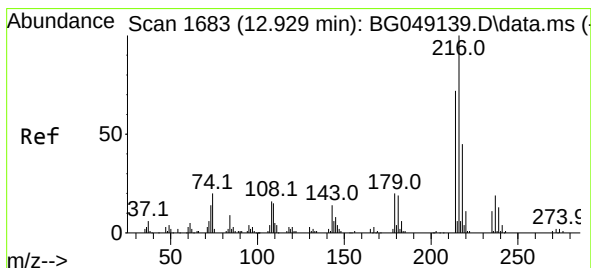
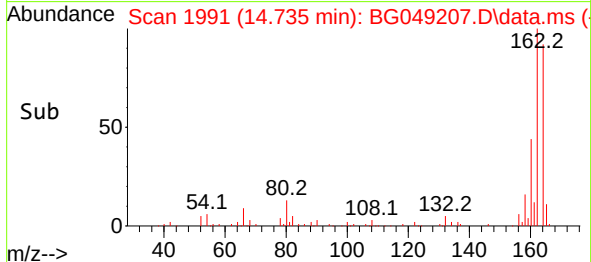
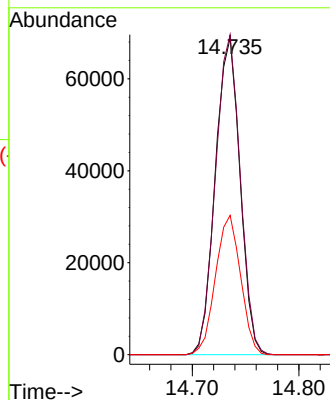
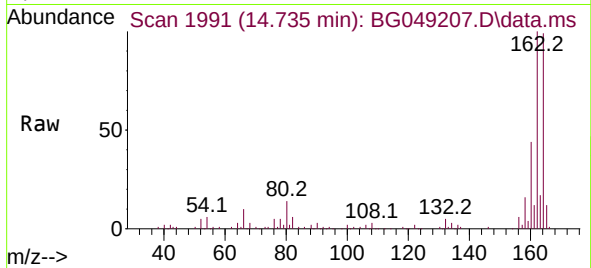




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

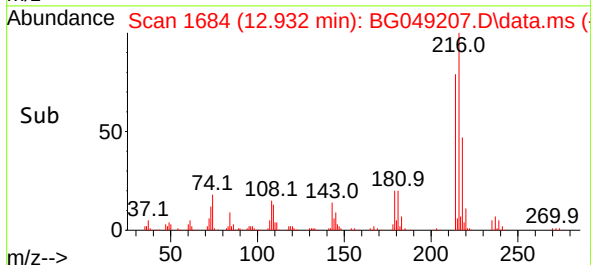
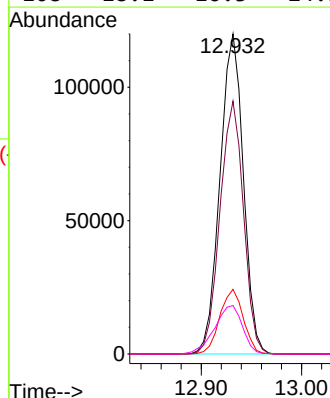
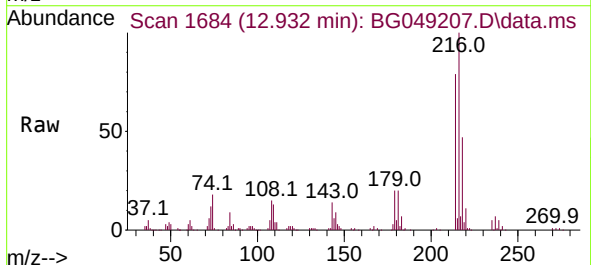
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

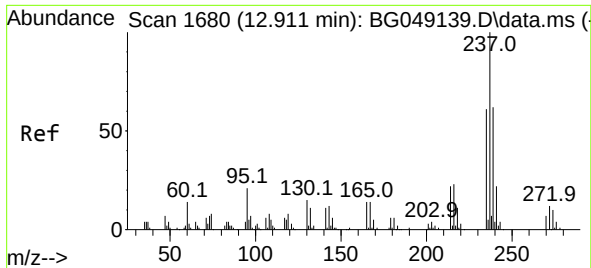
Tgt Ion:164	Resp: 110743		
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.4	122.0
160	44.0	34.9	52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.17 ng
RT: 12.932 min Scan# 1684
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:216	Resp: 193826
Ion Ratio	Lower Upper
216 100	
214 79.4	61.4 92.2
179 20.3	17.3 25.9
108 18.1	16.3 24.5

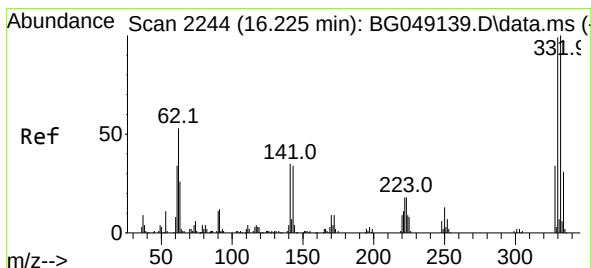
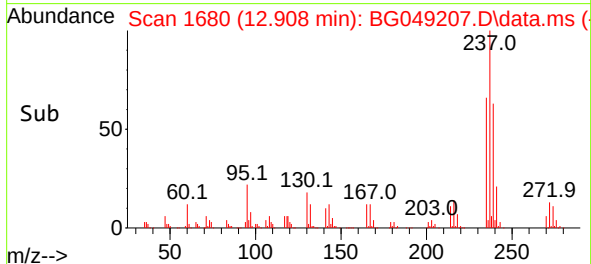
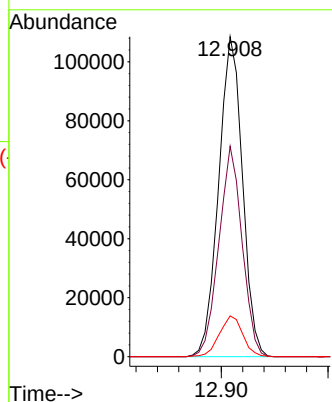
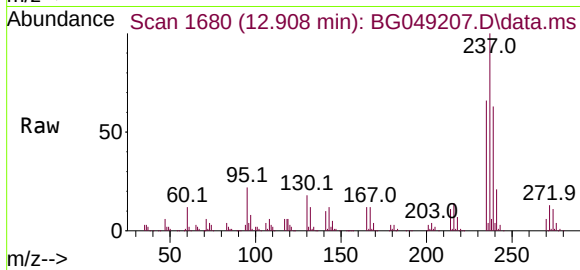




#41
Hexachlorocyclopentadiene
Concen: 73.44 ng
RT: 12.908 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

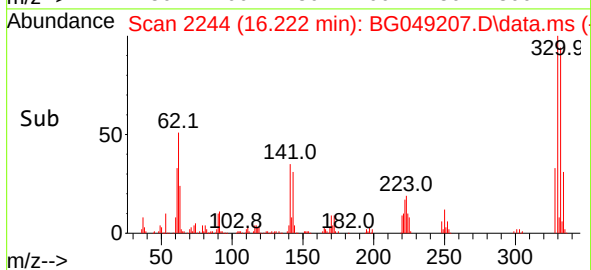
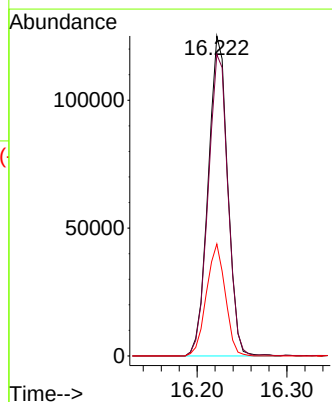
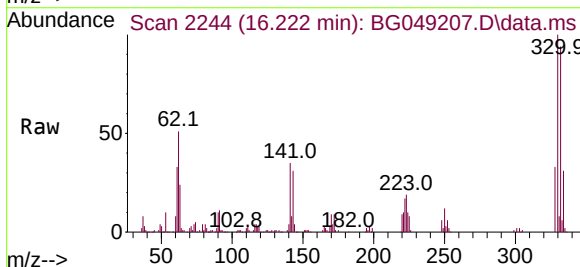
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BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

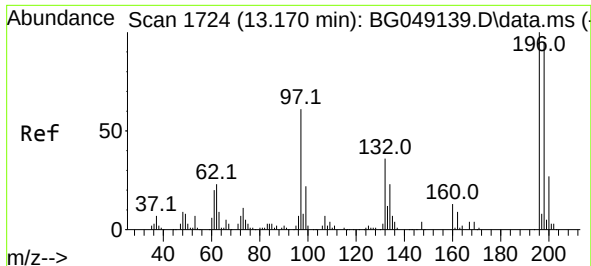
Tgt Ion:237	Resp: 168075		
Ion Ratio	Lower	Upper	
237	100		
235	65.8	36.6	76.6
272	12.8	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 98.15 ng
RT: 16.222 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:330	Resp: 188425
Ion Ratio	Lower Upper
330 100	
332 95.9	77.3 115.9
141 33.8	35.6 53.4#

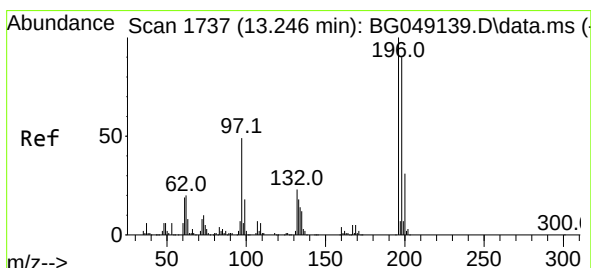
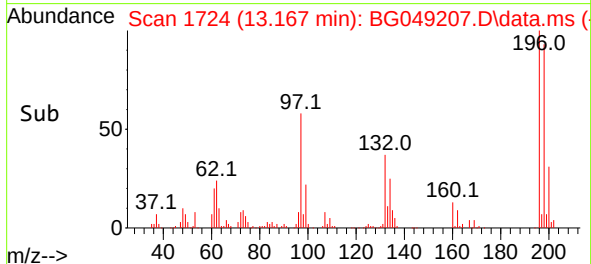
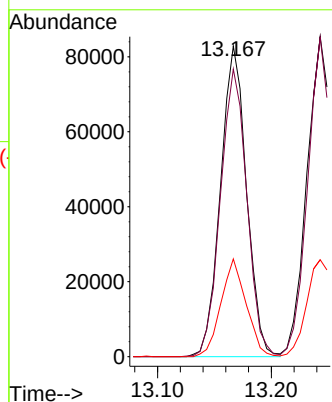
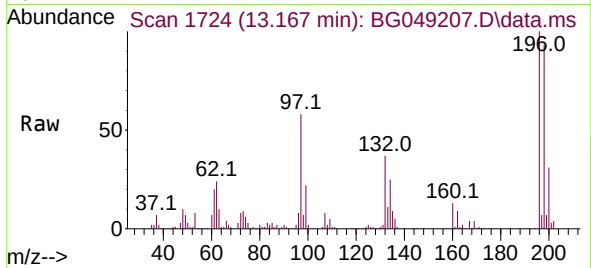




#43
2,4,6-Trichlorophenol
Concen: 49.35 ng
RT: 13.167 min Scan# 1724
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

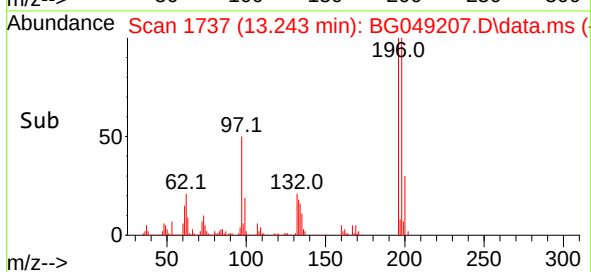
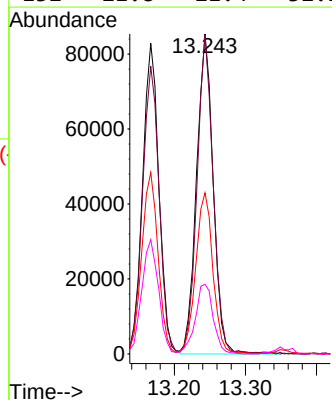
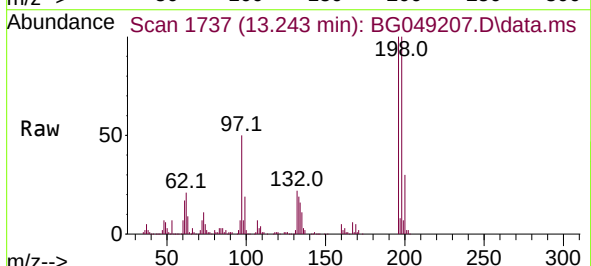
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

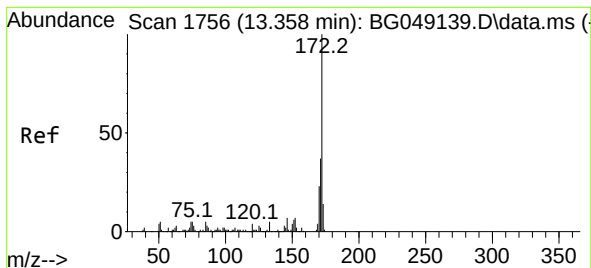
Tgt Ion:196 Resp: 131667
Ion Ratio Lower Upper
196 100
198 92.6 82.1 123.1
200 31.5 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 47.74 ng
RT: 13.243 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:196 Resp: 139269
Ion Ratio Lower Upper
196 100
198 99.8 87.4 131.0
97 50.3 43.3 64.9
132 21.8 21.4 32.2

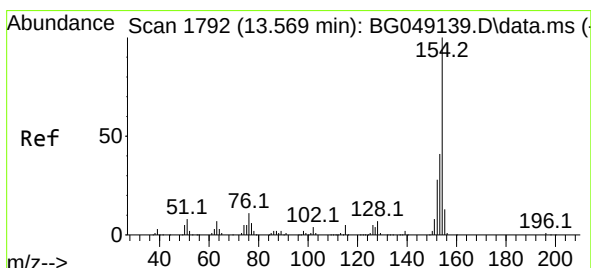
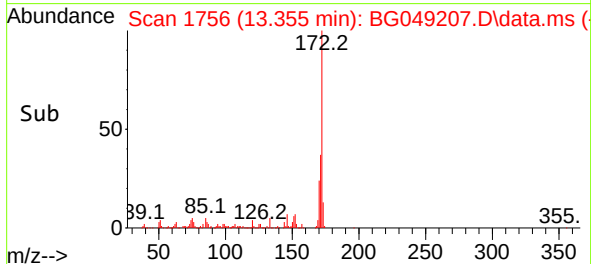
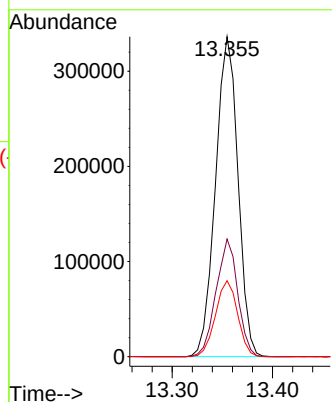
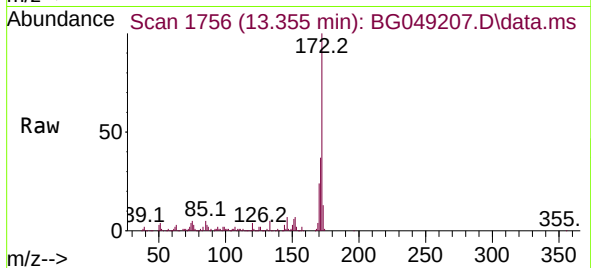




#45
2-Fluorobiphenyl
Concen: 63.65 ng
RT: 13.355 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

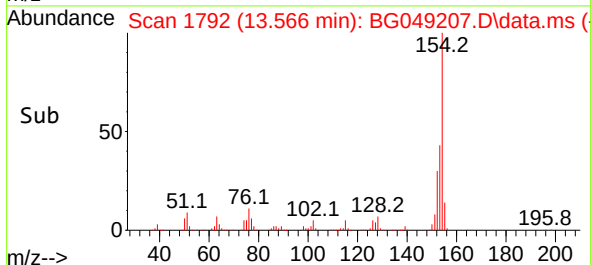
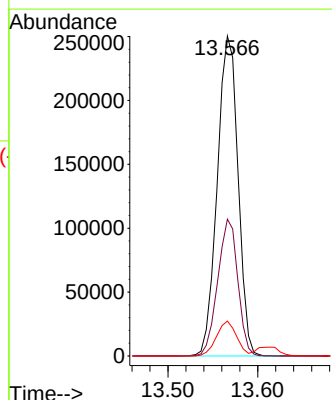
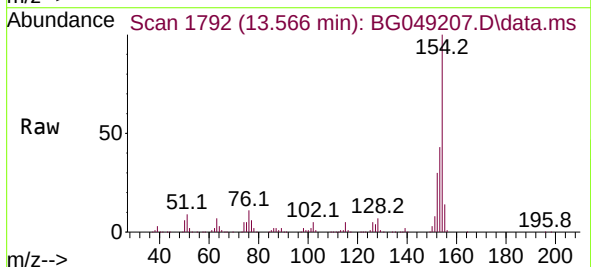
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

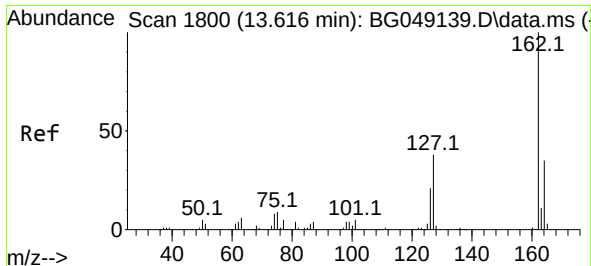
Tgt Ion:172 Resp: 522427
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 23.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 48.59 ng
RT: 13.566 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:154 Resp: 401965
Ion Ratio Lower Upper
154 100
153 42.7 20.5 60.5
76 10.9 0.0 29.3

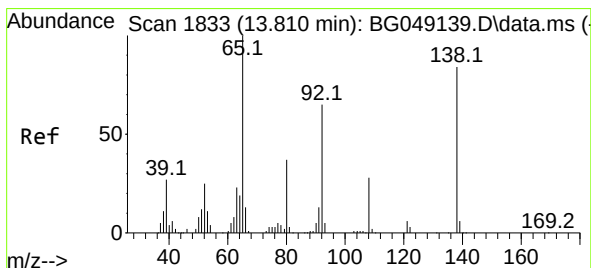
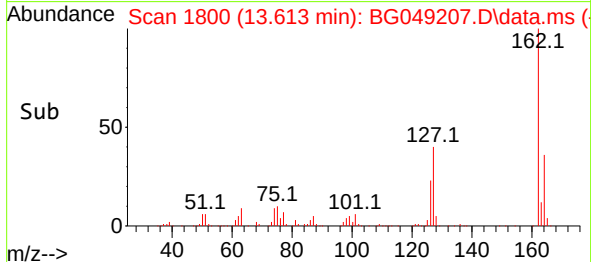
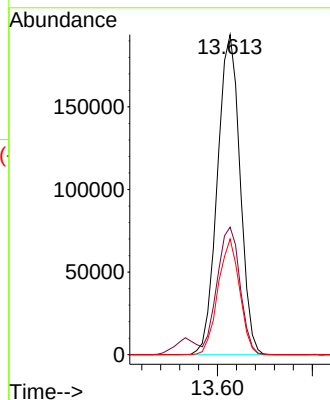
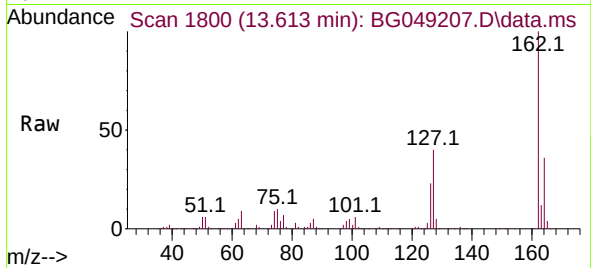




#47
2-Chloronaphthalene
Concen: 47.18 ng
RT: 13.613 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

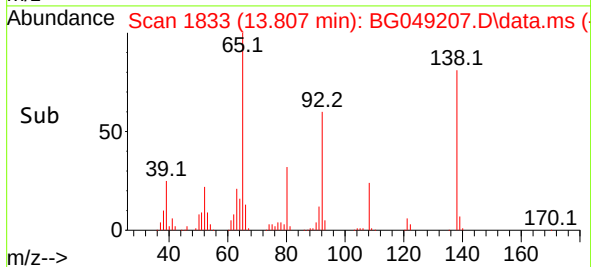
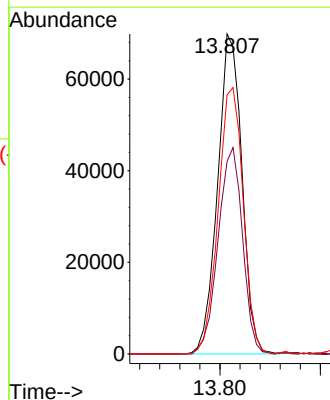
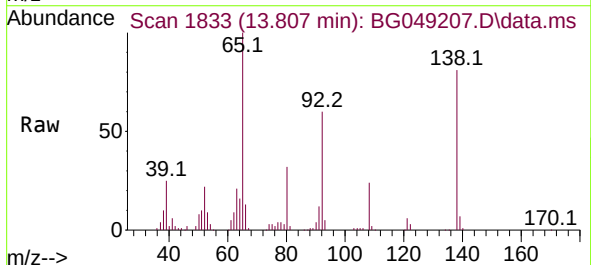
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

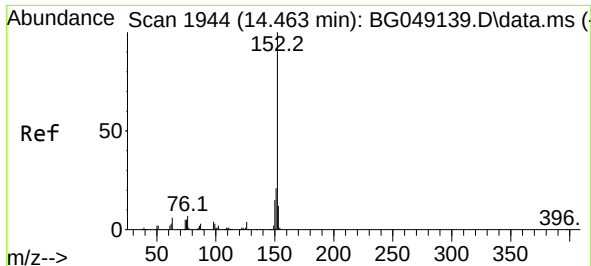
Tgt Ion:162 Resp: 321154
Ion Ratio Lower Upper
162 100
127 39.9 32.7 49.1
164 36.1 27.0 40.4



#48
2-Nitroaniline
Concen: 47.29 ng
RT: 13.807 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 65 Resp: 117391
Ion Ratio Lower Upper
65 100
92 60.2 47.2 70.8
138 81.0 68.0 102.0

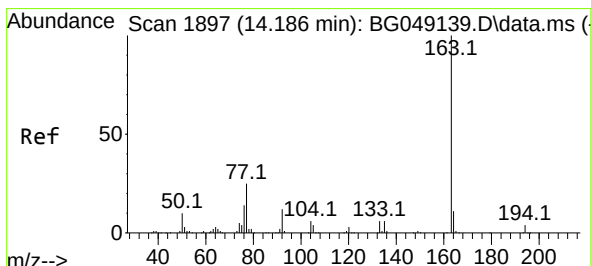
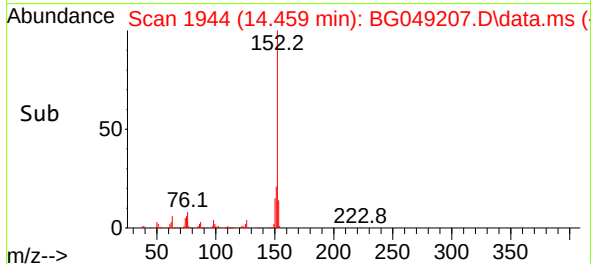
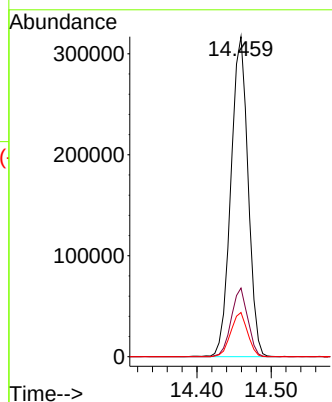
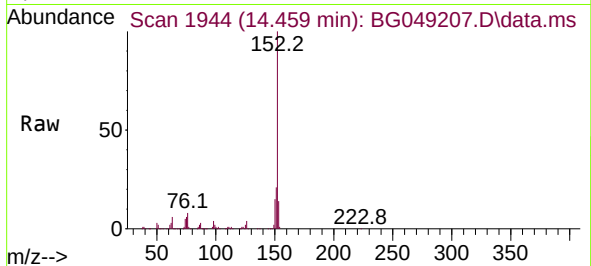




#49
Acenaphthylene
Concen: 47.40 ng
RT: 14.459 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

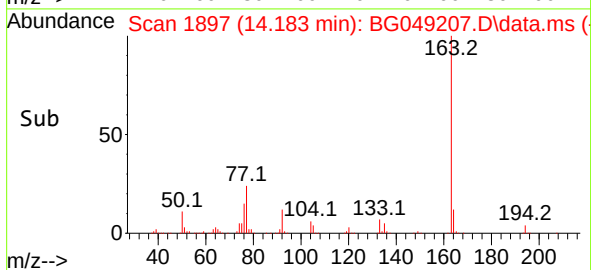
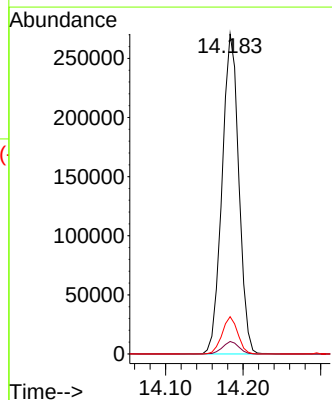
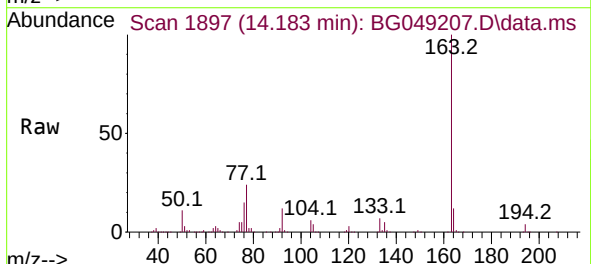
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

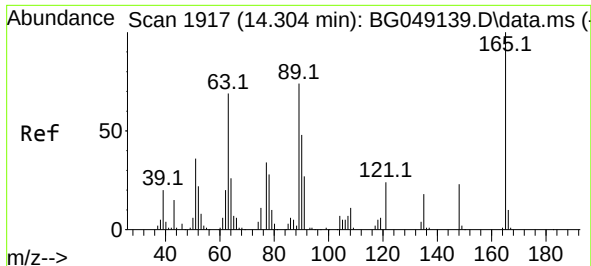
Tgt Ion:152 Resp: 508701
Ion Ratio Lower Upper
152 100
151 21.5 18.2 27.4
153 13.8 11.7 17.5



#50
Dimethylphthalate
Concen: 45.83 ng
RT: 14.183 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:163 Resp: 407298
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.6 8.6 12.8

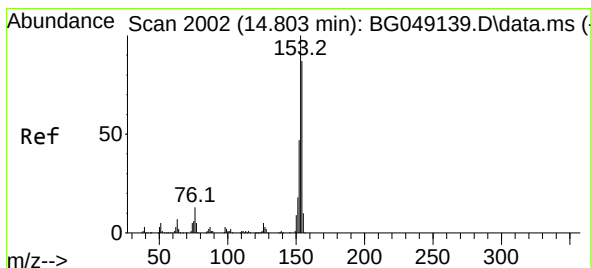
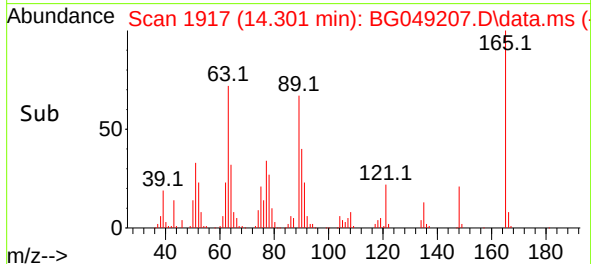
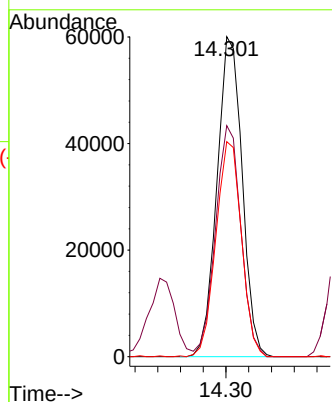
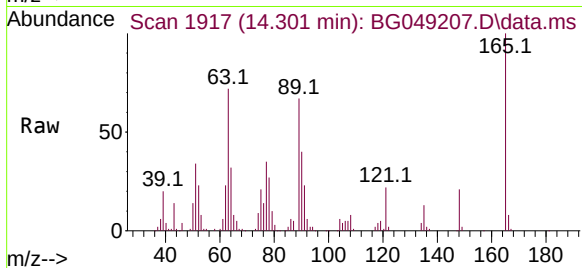




#51
2,6-Dinitrotoluene
Concen: 45.34 ng
RT: 14.301 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

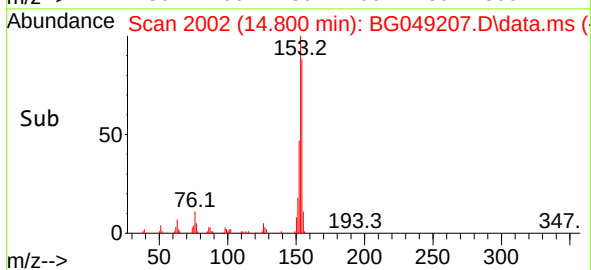
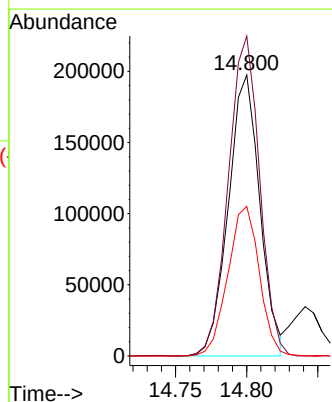
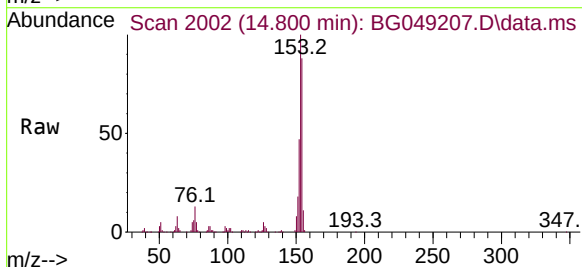
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

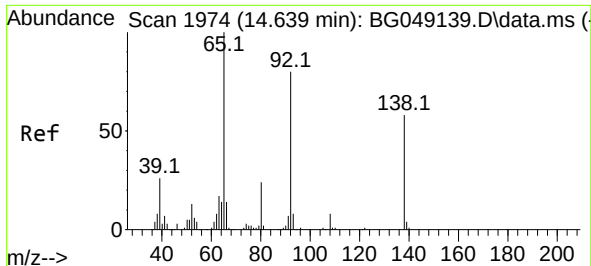
Tgt Ion:165 Resp: 92373
Ion Ratio Lower Upper
165 100
63 72.2 63.3 94.9
89 67.2 63.4 95.0



#52
Acenaphthene
Concen: 45.51 ng
RT: 14.800 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:154 Resp: 304441
Ion Ratio Lower Upper
154 100
153 113.9 87.0 130.4
152 53.3 40.1 60.1

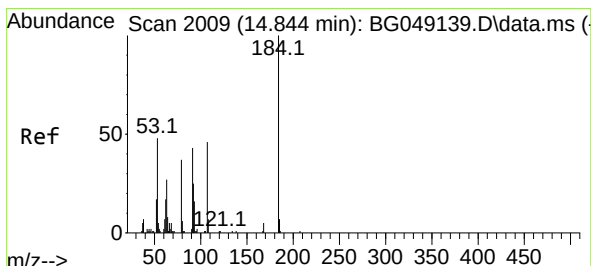
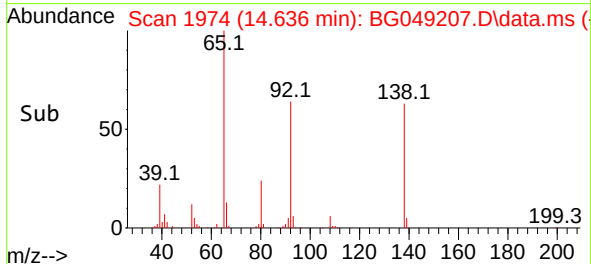
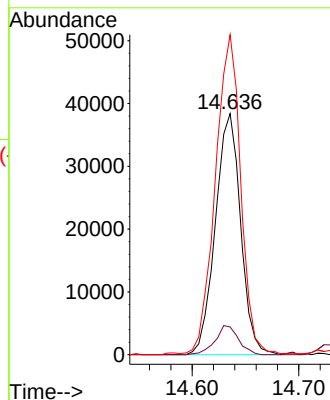
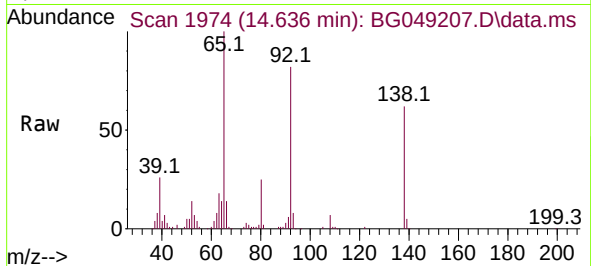




#53
3-Nitroaniline
Concen: 32.20 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

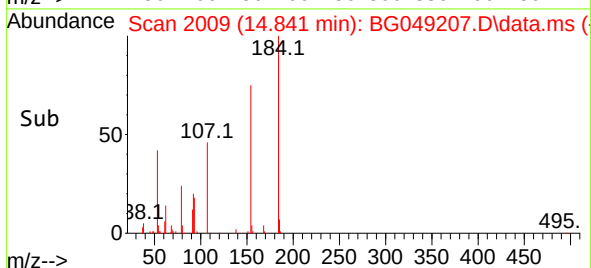
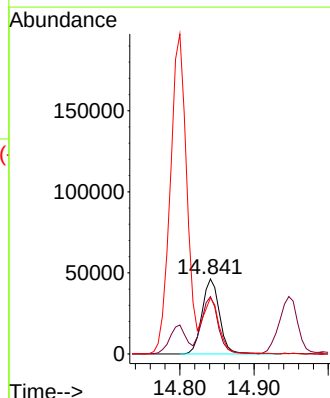
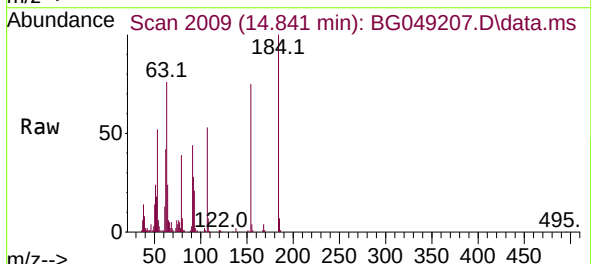
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

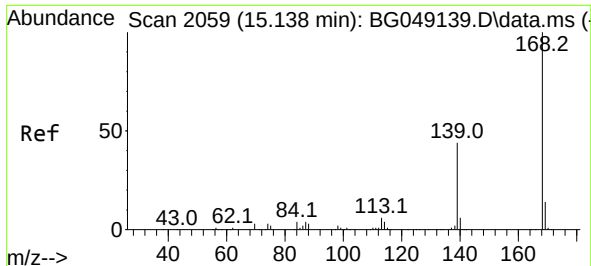
Tgt Ion:138 Resp: 63012
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 132.7 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 55.58 ng
RT: 14.841 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:184 Resp: 75407
Ion Ratio Lower Upper
184 100
63 76.2 68.3 102.5
154 74.8 62.6 93.8

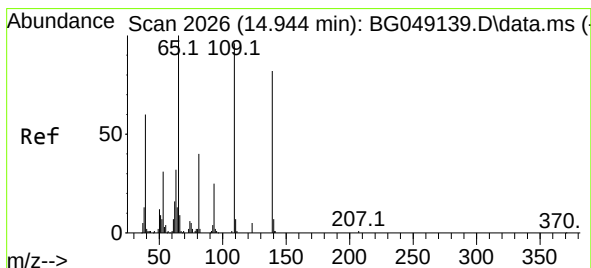
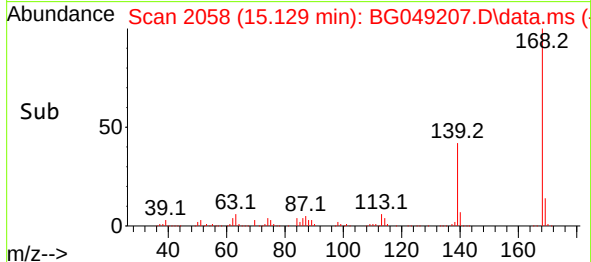
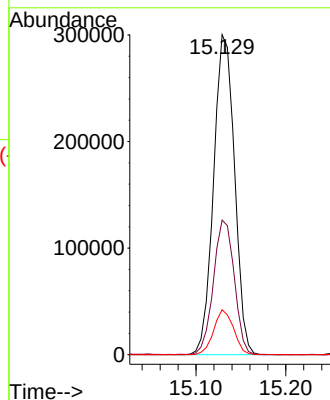
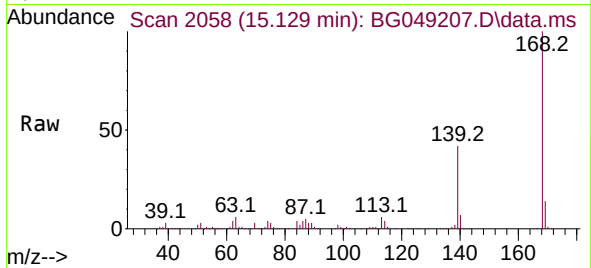




#55
Dibenzofuran
Concen: 44.66 ng
RT: 15.129 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

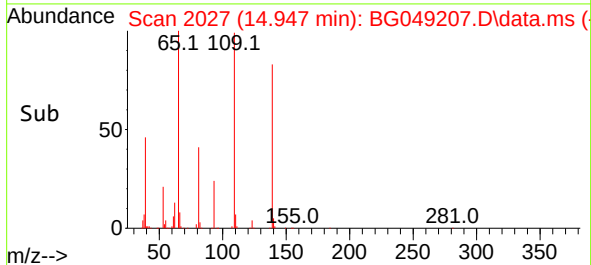
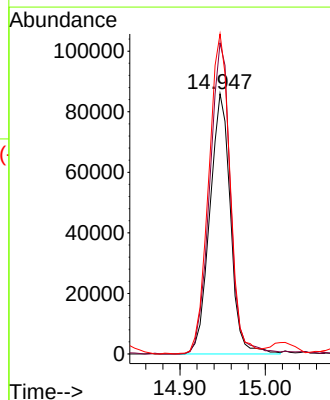
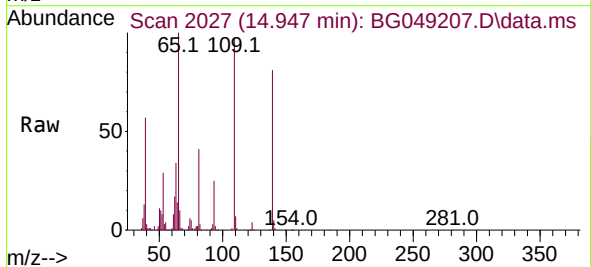
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

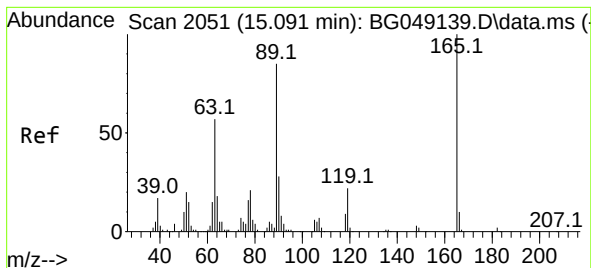
Tgt Ion:168 Resp: 486356
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 14.1 12.3 18.5



#56
4-Nitrophenol
Concen: 90.43 ng
RT: 14.947 min Scan# 2027
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

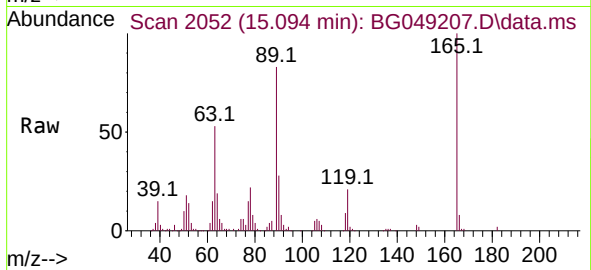
Tgt Ion:139 Resp: 144218
Ion Ratio Lower Upper
139 100
109 119.6 116.3 156.3
65 123.0 105.0 145.0



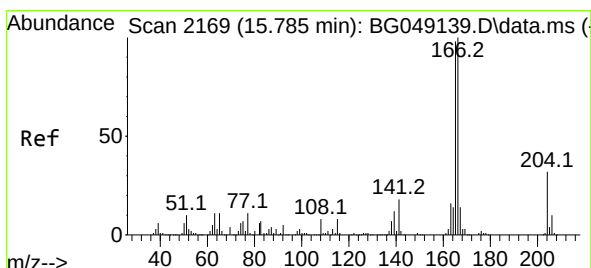
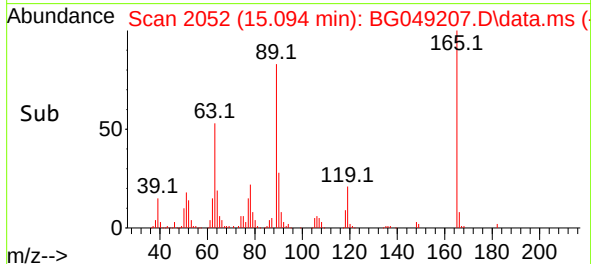
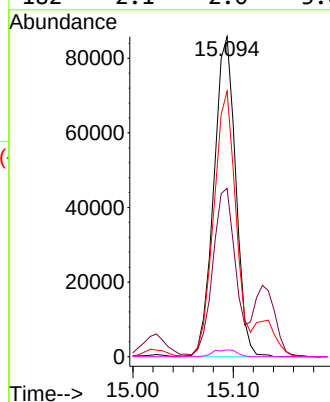


#57
2,4-Dinitrotoluene
Concen: 44.68 ng
RT: 15.094 min Scan# 2052
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

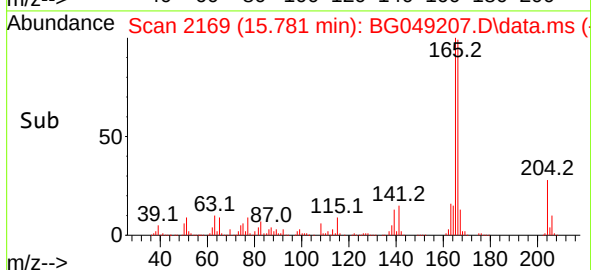
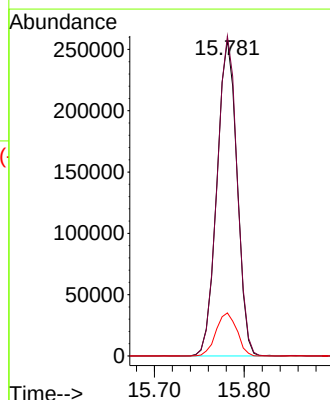
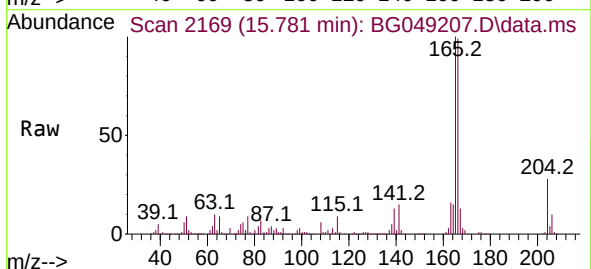


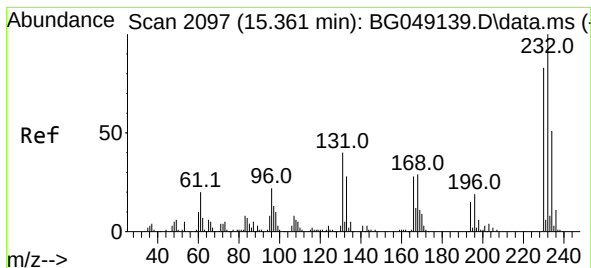
Tgt Ion:165 Resp: 129304
Ion Ratio Lower Upper
165 100
63 52.6 48.0 72.0
89 83.0 65.4 98.0
182 2.1 2.0 3.0



#58
Fluorene
Concen: 44.43 ng
RT: 15.781 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:166 Resp: 400115
Ion Ratio Lower Upper
166 100
165 101.3 77.7 116.5
167 13.6 10.8 16.2

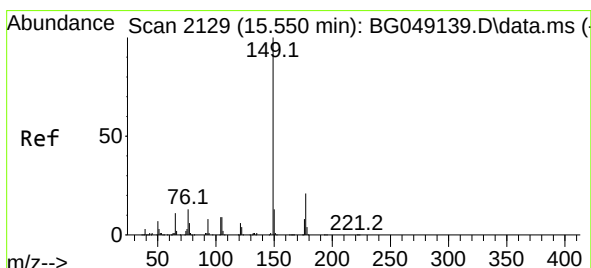
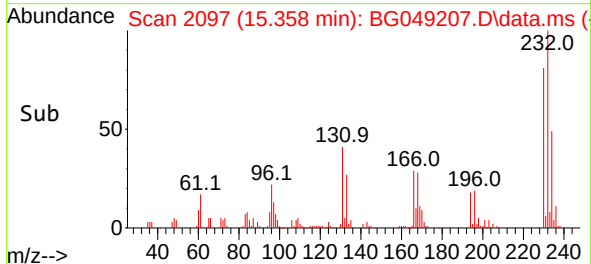
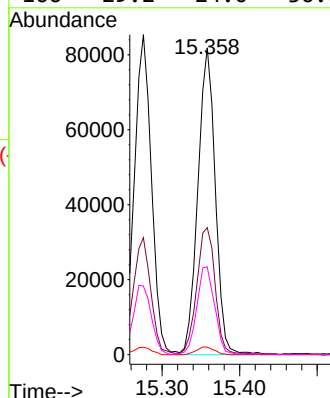
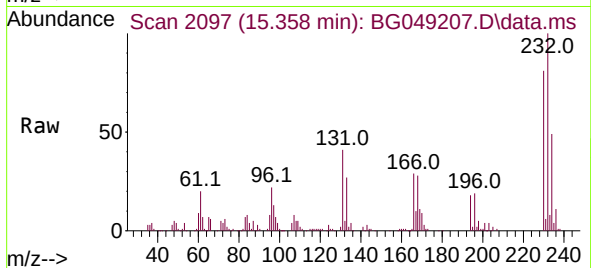




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.08 ng
RT: 15.358 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

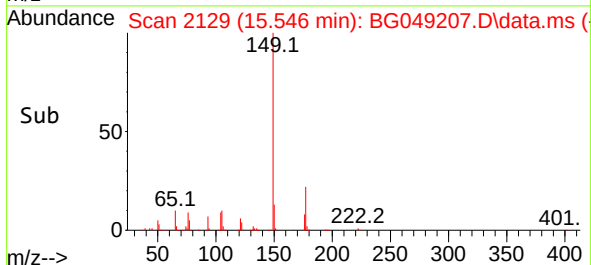
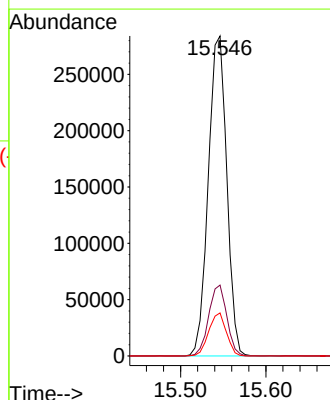
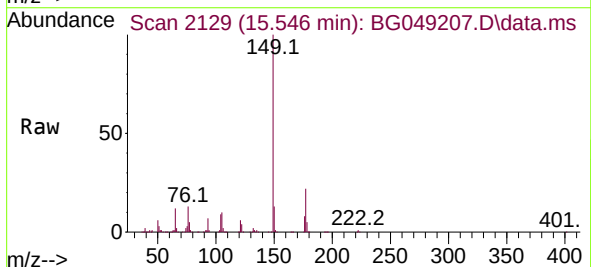
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

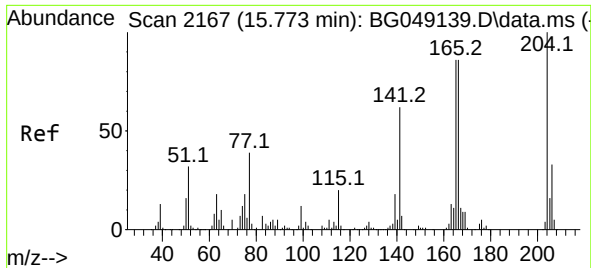
Tgt Ion:232 Resp: 127866
Ion Ratio Lower Upper
232 100
131 43.9 37.2 55.8
130 2.6 2.8 4.2#
166 29.2 24.0 36.0



#60
Diethylphthalate
Concen: 45.39 ng
RT: 15.546 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:149 Resp: 427504
Ion Ratio Lower Upper
149 100
177 22.2 19.0 28.6
150 13.5 10.2 15.4

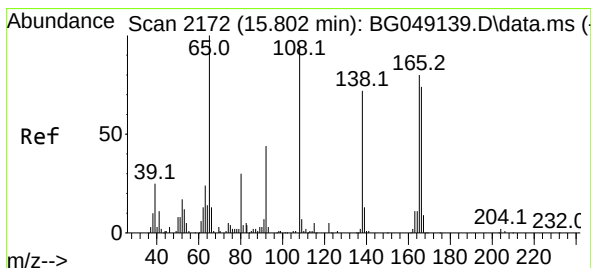
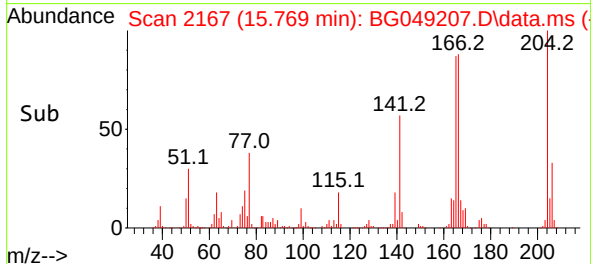
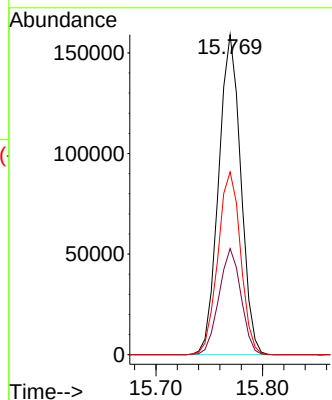
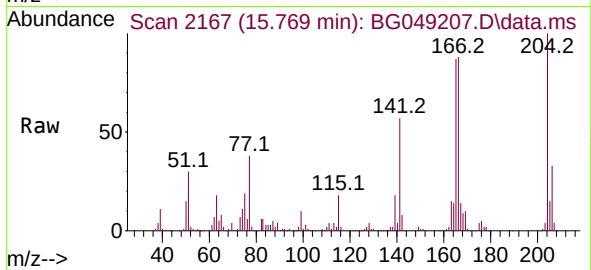




#61
4-Chlorophenyl-phenylether
Concen: 46.01 ng
RT: 15.769 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

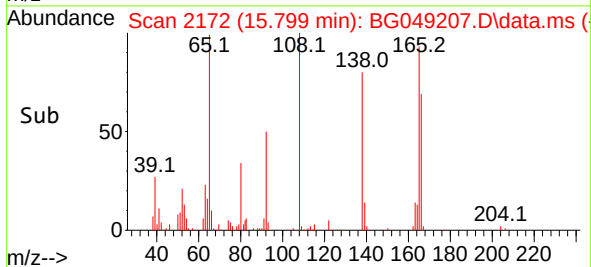
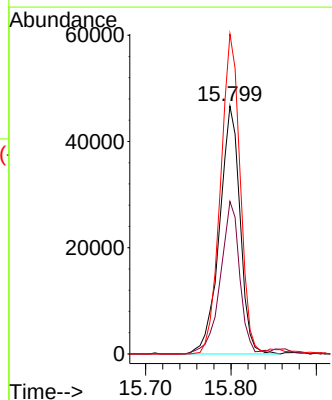
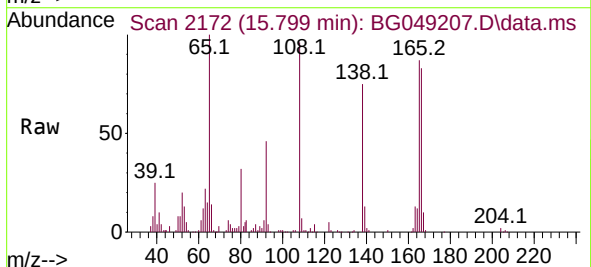
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

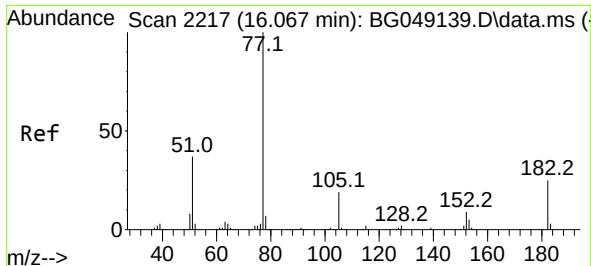
Tgt Ion:204 Resp: 229374
Ion Ratio Lower Upper
204 100
206 33.1 24.6 37.0
141 57.1 47.8 71.8



#62
4-Nitroaniline
Concen: 38.36 ng
RT: 15.799 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:138 Resp: 77996
Ion Ratio Lower Upper
138 100
92 61.5 32.3 72.3
108 129.1 132.4 172.4#

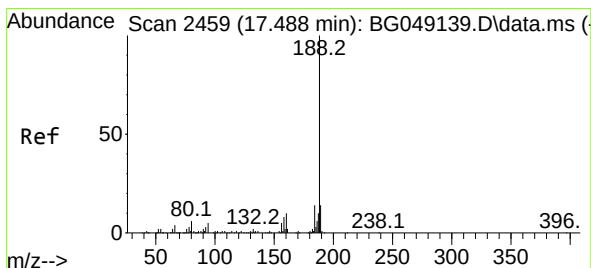
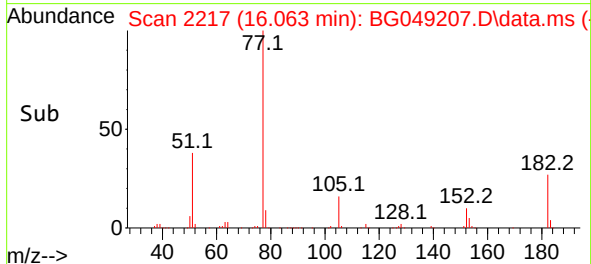
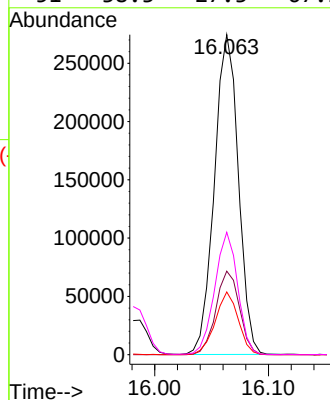
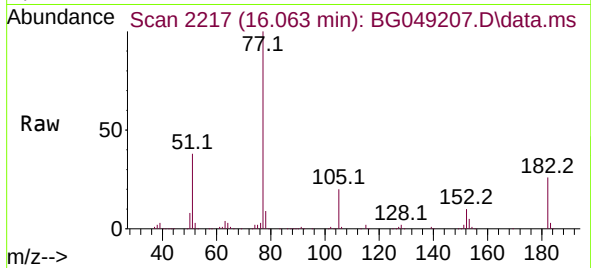




#63
Azobenzene
Concen: 42.33 ng
RT: 16.063 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

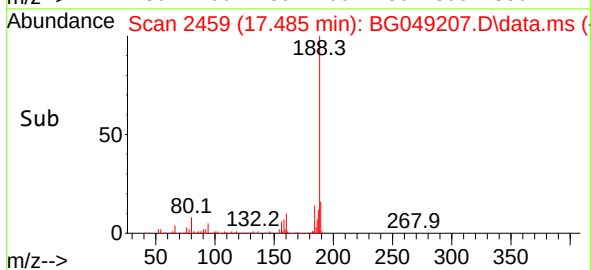
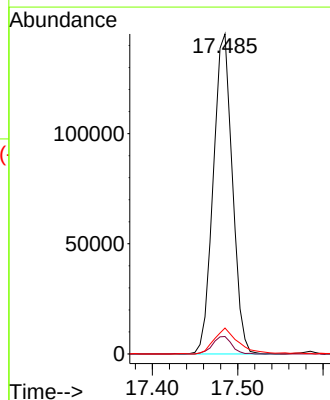
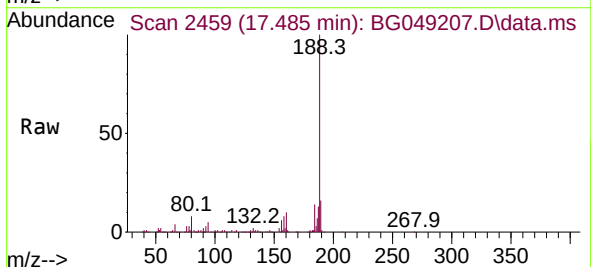
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

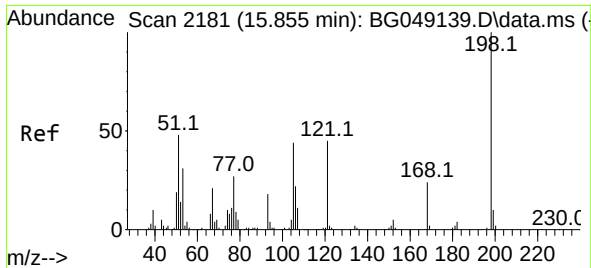
Tgt Ion: 77	Resp: 401910
Ion Ratio	Lower Upper
77 100	
182 26.1	7.9 47.9
105 19.6	0.0 37.9
51 38.3	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2459
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:188	Resp: 226201
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 8.1	3.7 5.5#

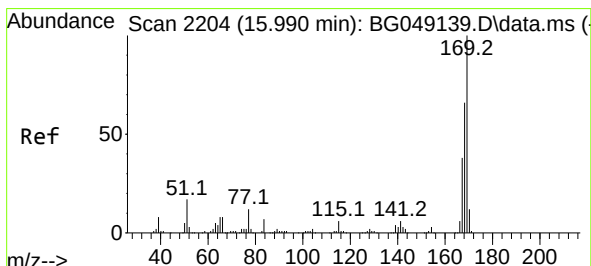
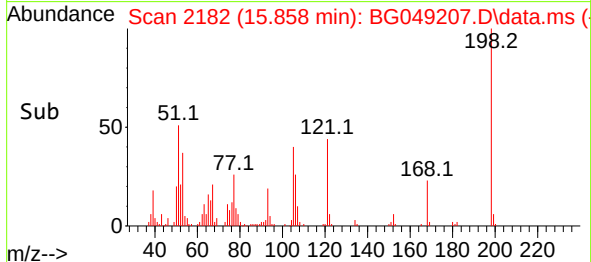
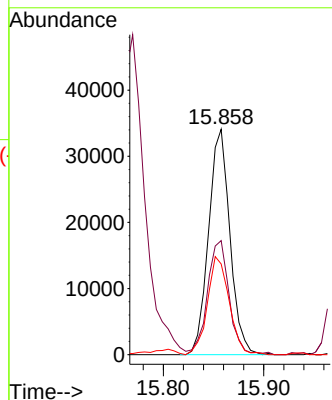
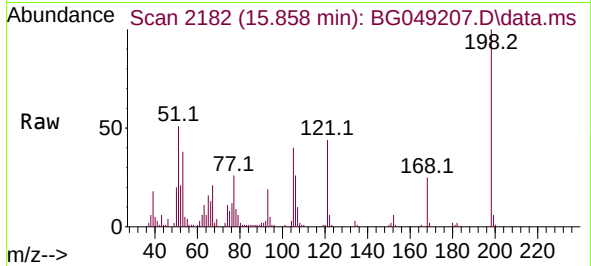




#65
4,6-Dinitro-2-methylphenol
Concen: 31.23 ng
RT: 15.858 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

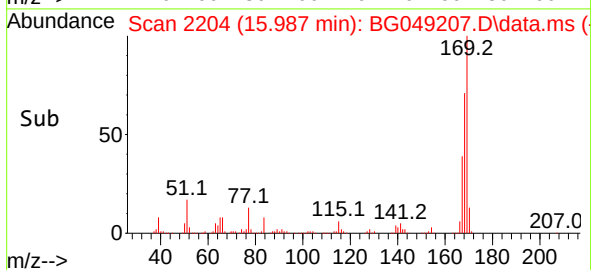
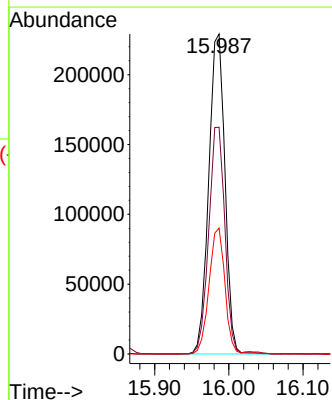
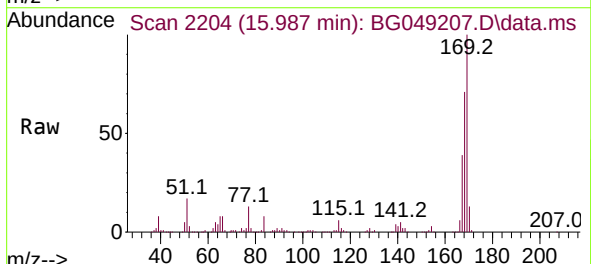
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

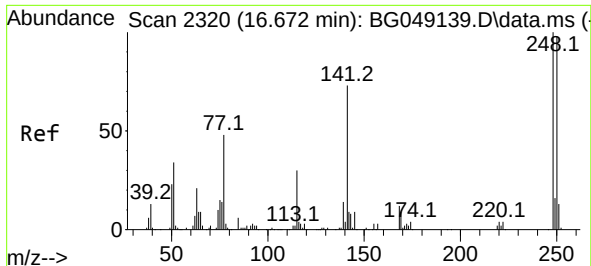
Tgt Ion:198 Resp: 50455
Ion Ratio Lower Upper
198 100
51 50.6 29.4 69.4
105 40.2 15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 49.03 ng
RT: 15.987 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:169 Resp: 346888
Ion Ratio Lower Upper
169 100
168 70.9 56.3 84.5
167 39.3 28.4 42.6

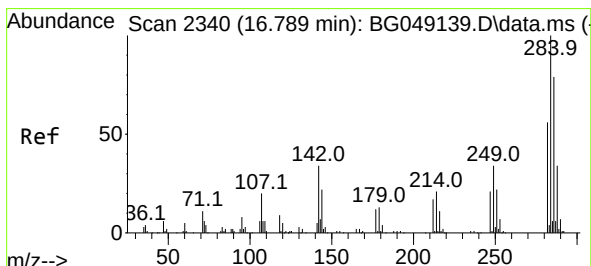
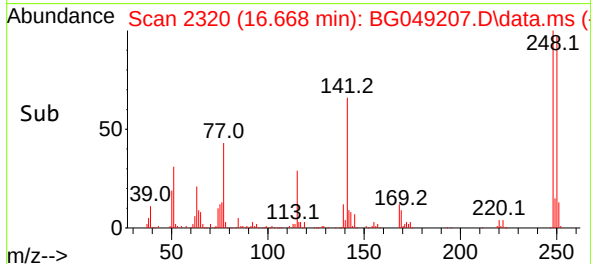
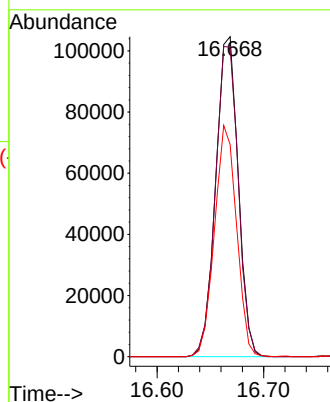
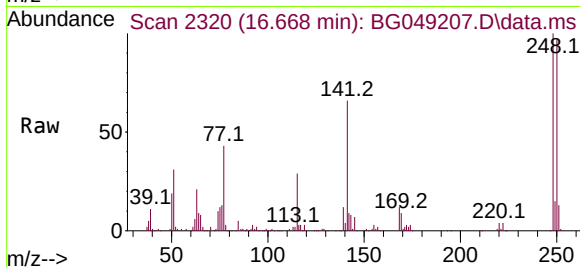




#67
4-Bromophenyl-phenylether
Concen: 50.06 ng
RT: 16.668 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

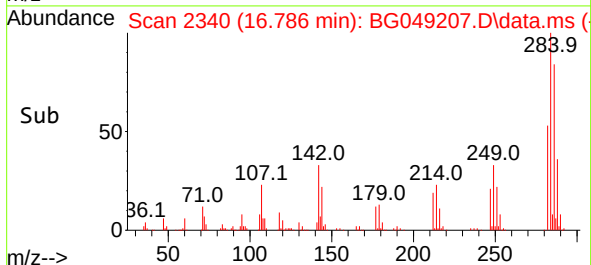
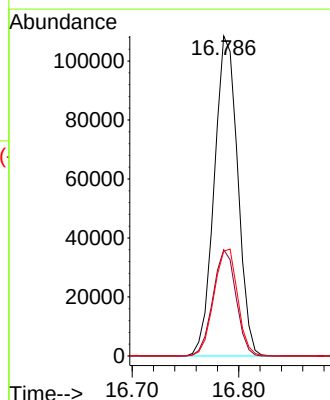
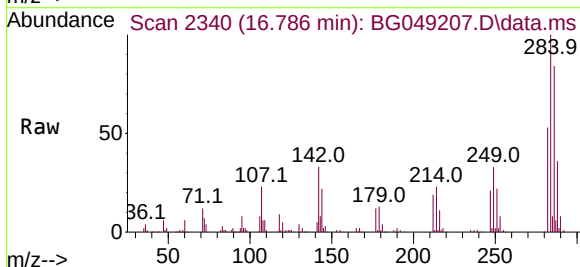
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

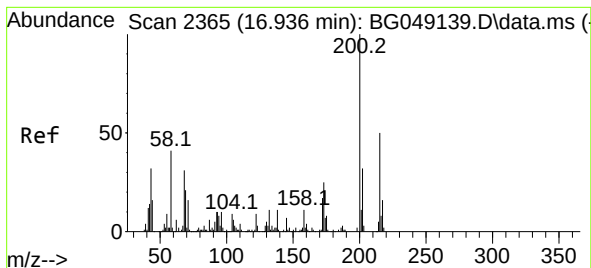
Tgt Ion:248 Resp: 152752
Ion Ratio Lower Upper
248 100
250 96.7 76.1 114.1
141 66.3 65.4 98.2



#68
Hexachlorobenzene
Concen: 49.03 ng
RT: 16.786 min Scan# 2340
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:284 Resp: 165410
Ion Ratio Lower Upper
284 100
142 33.2 27.0 40.6
249 32.8 28.2 42.2





#69

Atrazine

Concen: 62.12 ng

RT: 16.933 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

Instrument :

BNA_G

ClientSampleId :

A4-SOIL-BANKMSD

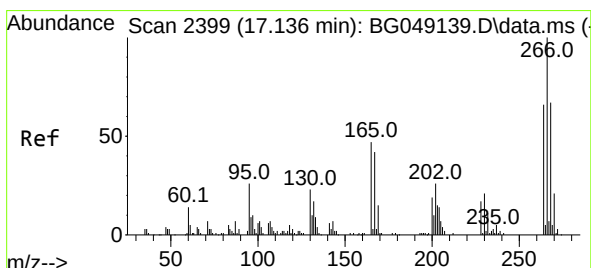
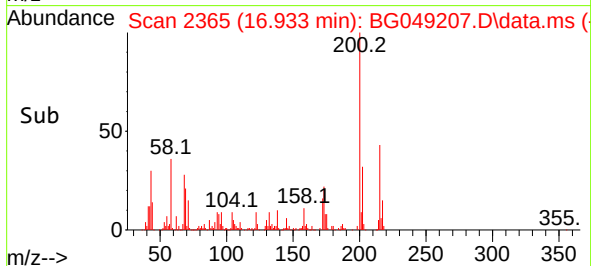
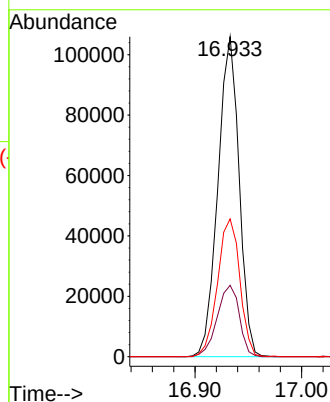
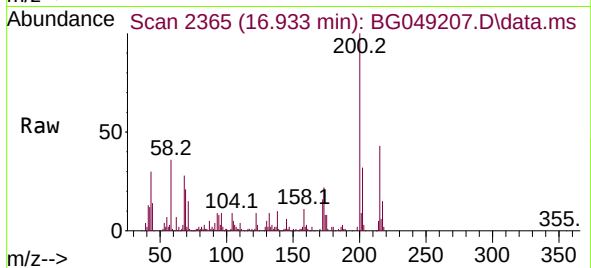
Tgt Ion:200 Resp: 145941

Ion Ratio Lower Upper

200 100

173 22.3 3.7 43.7

215 43.1 26.9 66.9



#70

Pentachlorophenol

Concen: 109.38 ng

RT: 17.133 min Scan# 2399

Delta R.T. 0.006 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

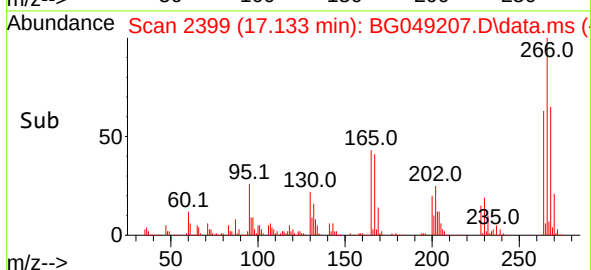
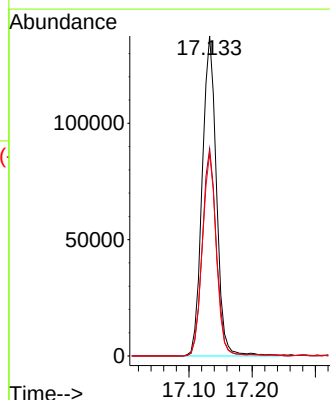
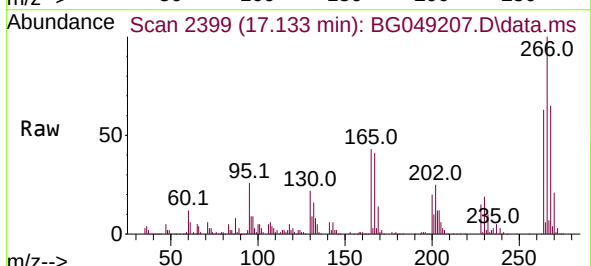
Tgt Ion:266 Resp: 214791

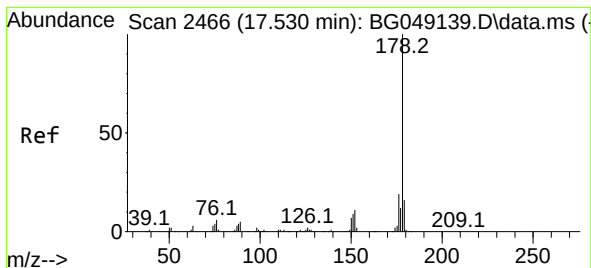
Ion Ratio Lower Upper

266 100

268 64.8 49.0 73.4

264 63.4 49.0 73.6

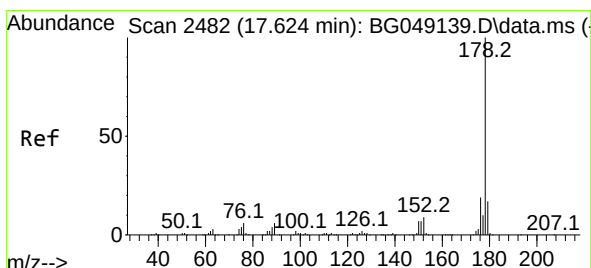
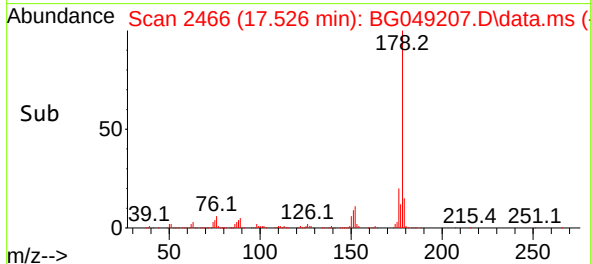
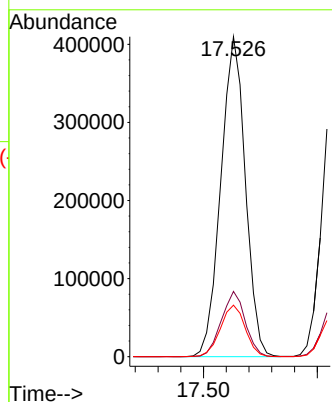
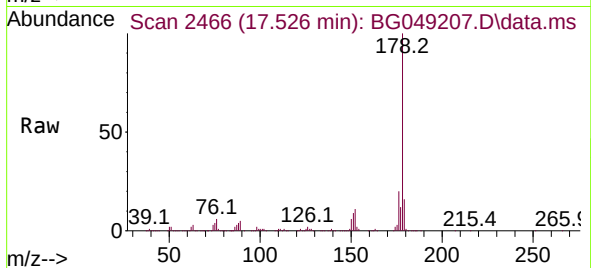




#71
Phenanthrene
Concen: 47.10 ng
RT: 17.526 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

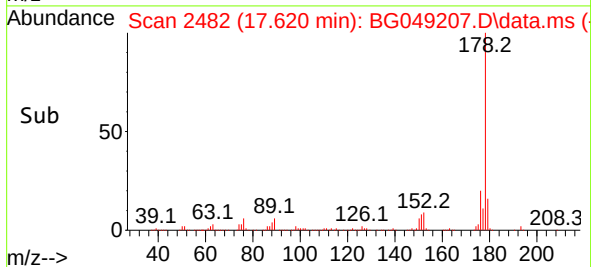
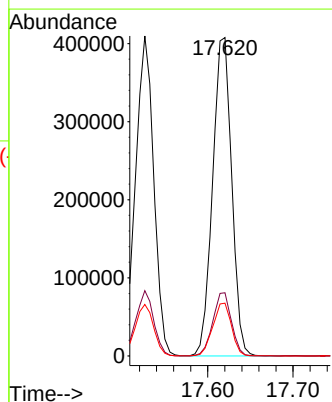
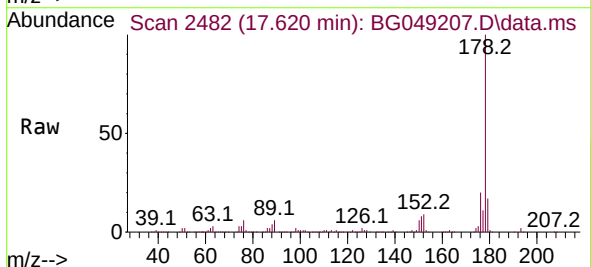
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

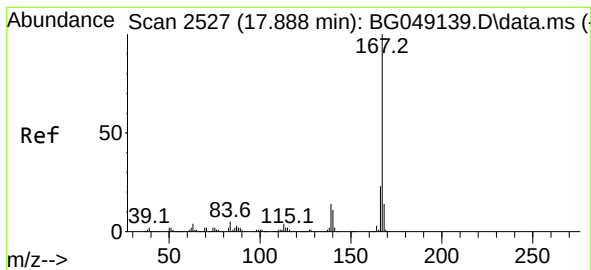
Tgt Ion:178 Resp: 613495
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.1 14.2 21.4



#72
Anthracene
Concen: 48.78 ng
RT: 17.620 min Scan# 2482
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:178 Resp: 633432
Ion Ratio Lower Upper
178 100
176 19.9 14.6 21.8
179 16.6 13.4 20.0

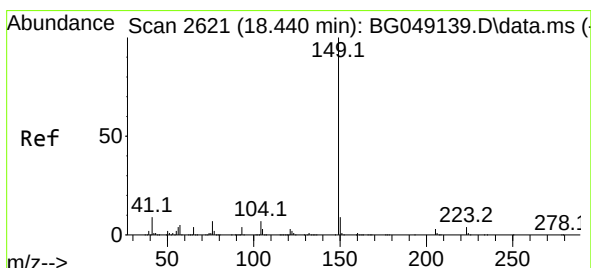
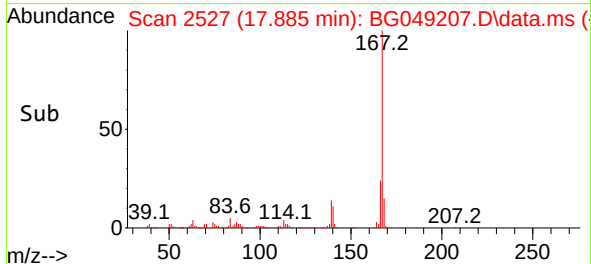
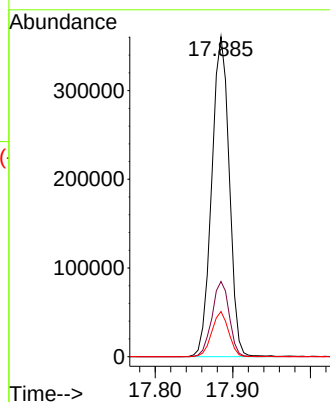
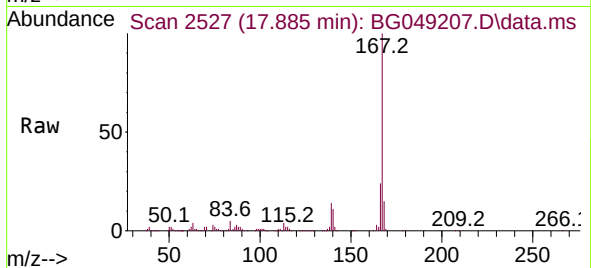




#73
 Carbazole
 Concen: 45.84 ng
 RT: 17.885 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

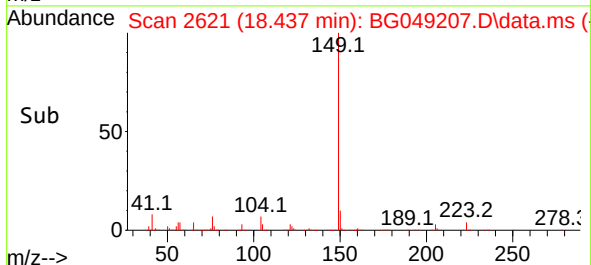
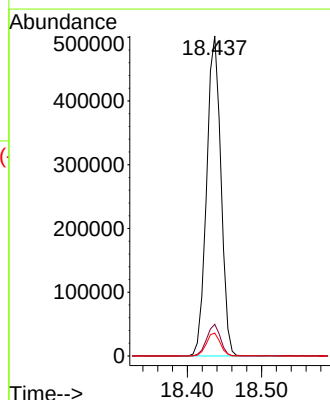
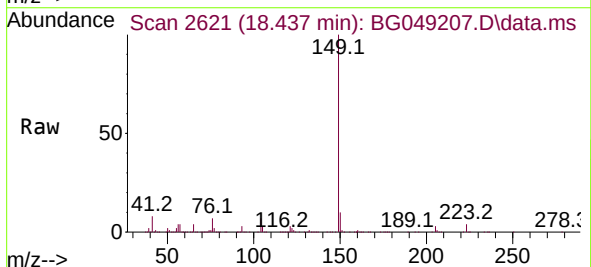
Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

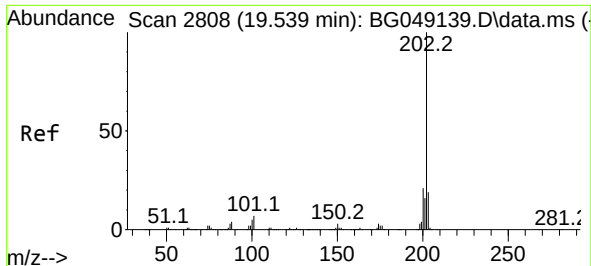
Tgt Ion:167	Resp: 567557
Ion Ratio	Lower Upper
167 100	
166 23.5	17.4 26.2
139 14.1	10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.25 ng
 RT: 18.437 min Scan# 2621
 Delta R.T. 0.006 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

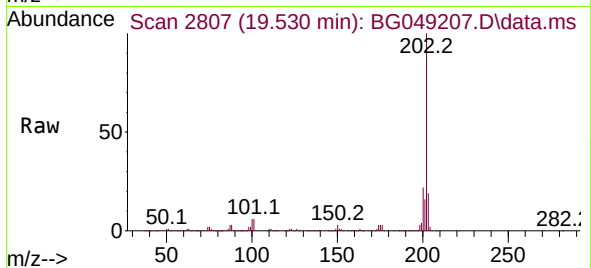
Tgt Ion:149	Resp: 672588
Ion Ratio	Lower Upper
149 100	
150 9.9	7.5 11.3
104 7.2	6.6 10.0



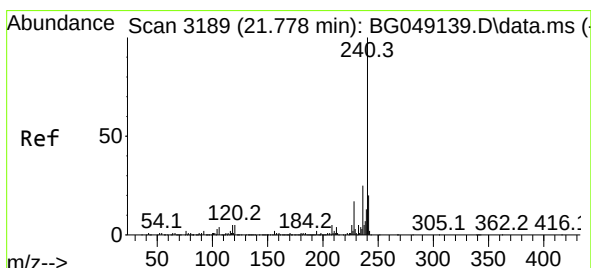
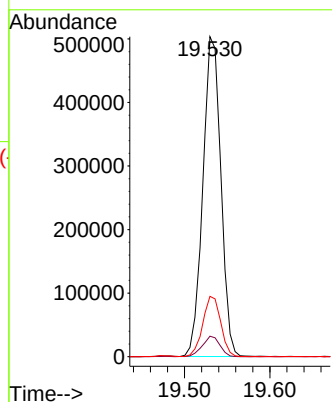
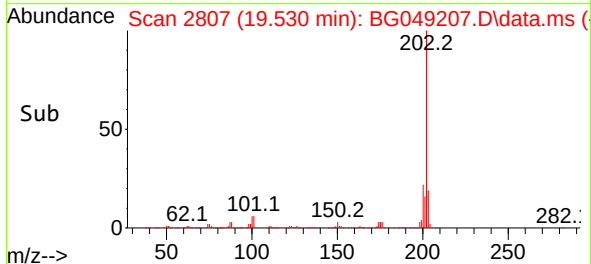


#75
Fluoranthene
Concen: 45.22 ng
RT: 19.530 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

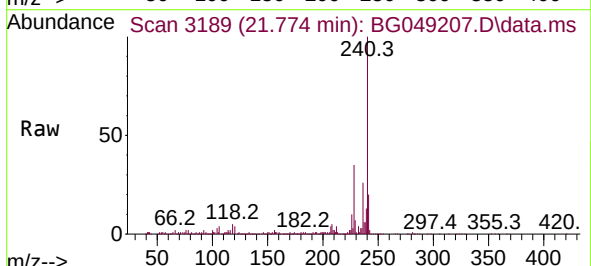
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



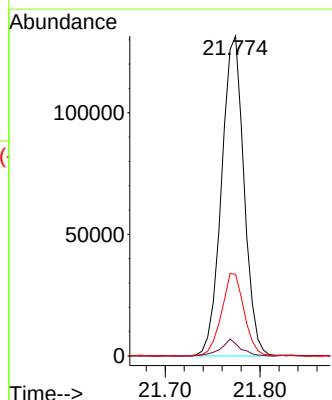
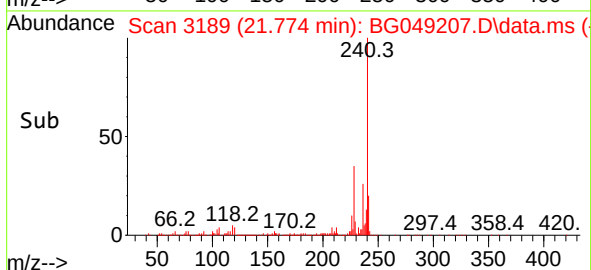
Tgt Ion:202 Resp: 737347
Ion Ratio Lower Upper
202 100
101 6.4 0.0 24.7
203 18.9 0.0 38.5

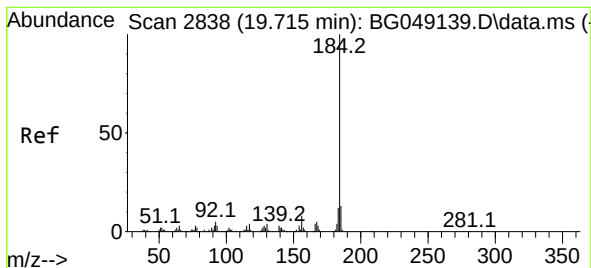


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.774 min Scan# 3189
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



Tgt Ion:240 Resp: 216374
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 25.5 21.8 32.6





#77

Benzidine

Concen: 107.18 ng

RT: 19.706 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

Tgt Ion:184 Resp: 498144

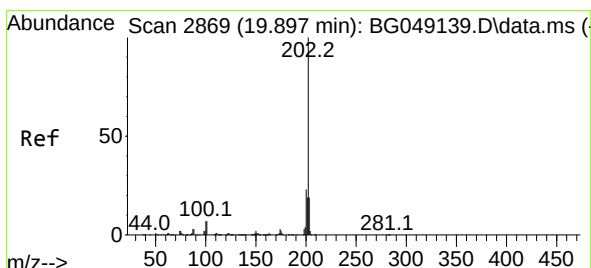
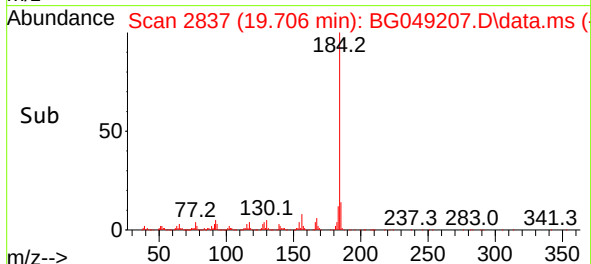
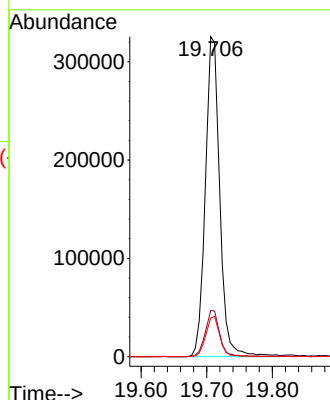
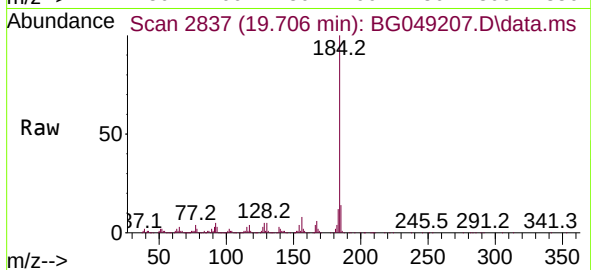
Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.7	16.1
183	12.1	9.4	14.0

Instrument :

BNA_G

ClientSampleId :

A4-SOIL-BANKMSD



#78

Pyrene

Concen: 45.98 ng

RT: 19.894 min Scan# 2869

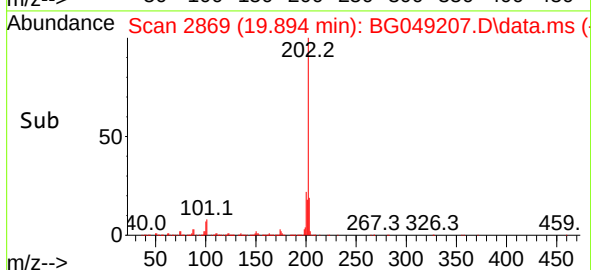
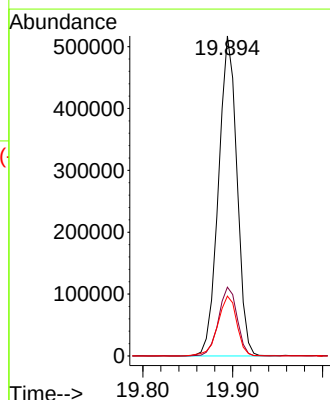
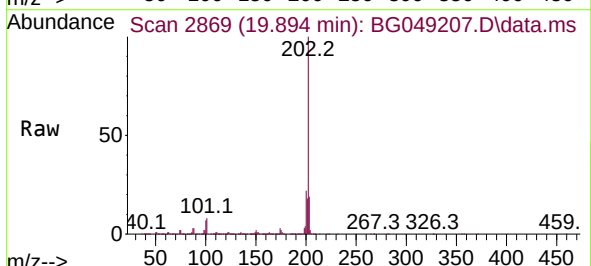
Delta R.T. 0.006 min

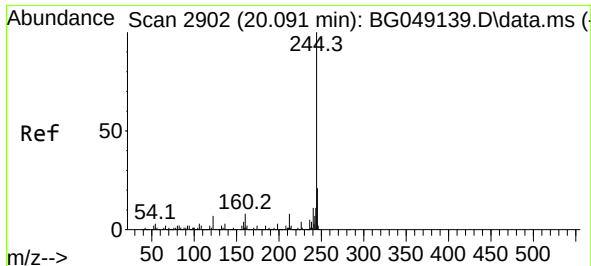
Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

Tgt Ion:202 Resp: 738905

Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.8	23.8
203	18.7	14.6	21.8

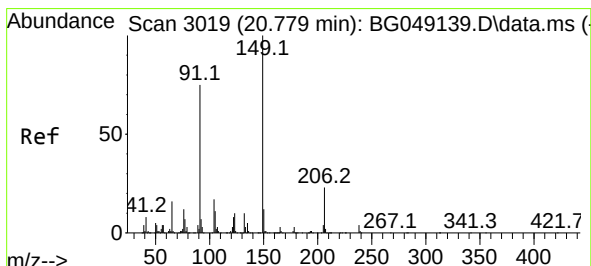
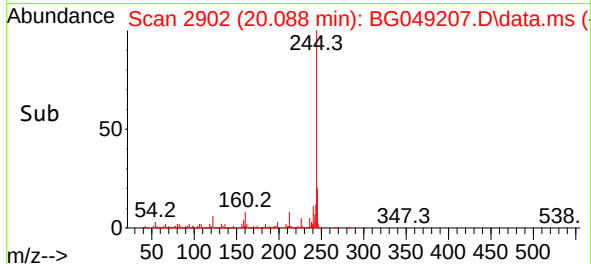
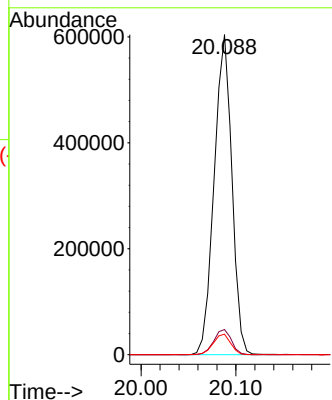
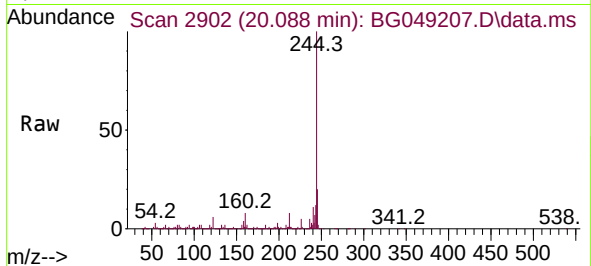




#79
 Terphenyl-d14
 Concen: 61.45 ng
 RT: 20.088 min Scan# 2902
 Delta R.T. 0.006 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

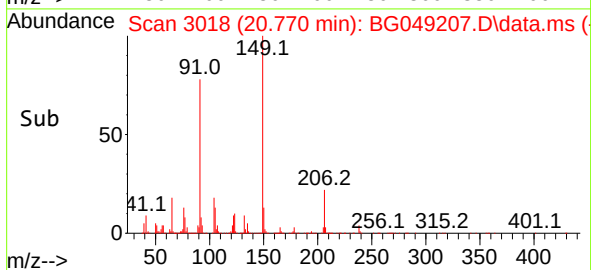
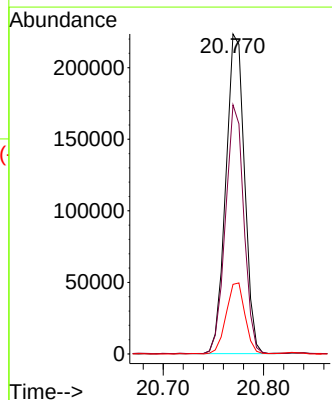
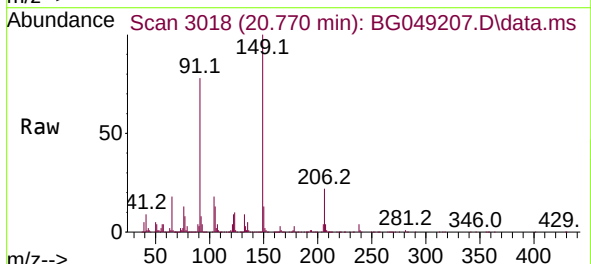
Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

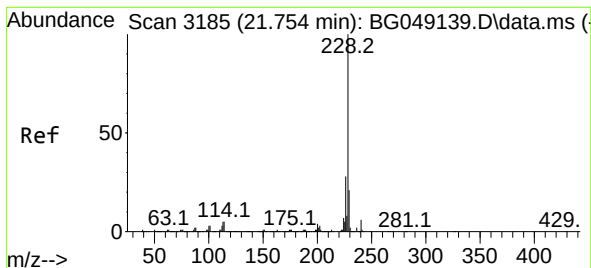
Tgt Ion:244 Resp: 784606
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 6.4 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 47.43 ng
 RT: 20.770 min Scan# 3018
 Delta R.T. -0.000 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

Tgt Ion:149 Resp: 288797
 Ion Ratio Lower Upper
 149 100
 91 77.9 63.4 95.2
 206 21.7 18.4 27.6

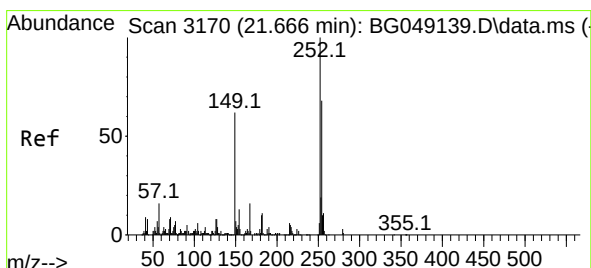
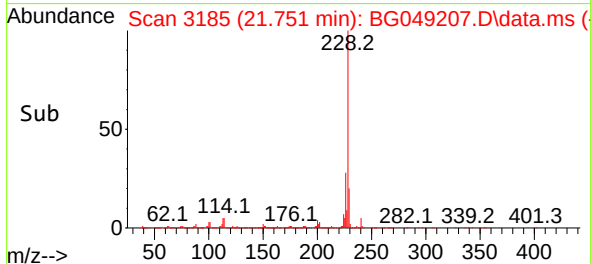
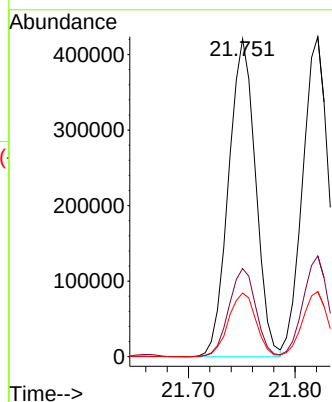
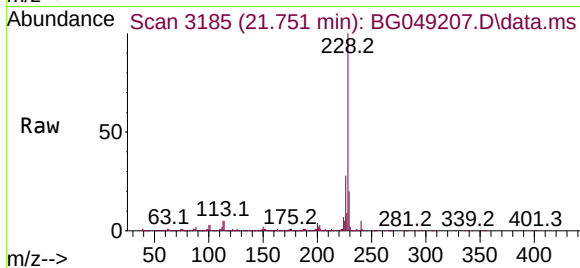




#81
Benzo(a)anthracene
Concen: 45.91 ng
RT: 21.751 min Scan# 3185
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

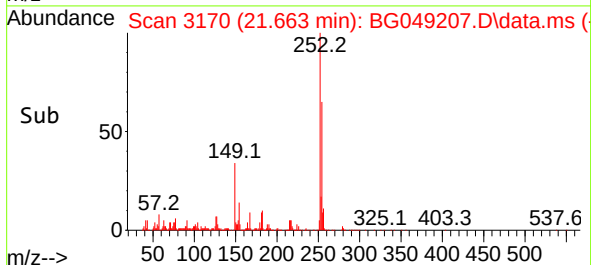
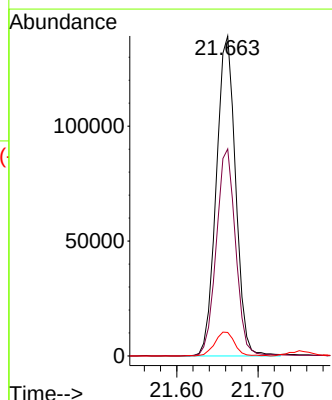
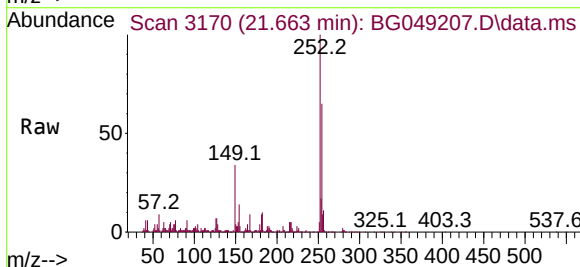
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

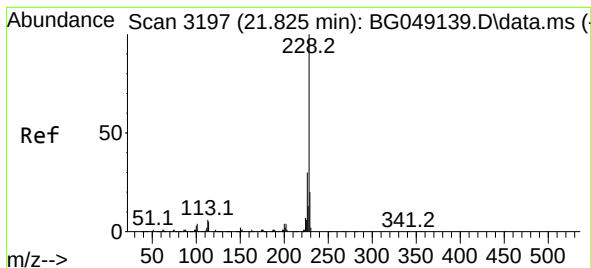
Tgt Ion:228 Resp: 740993
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.96 ng
RT: 21.663 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:252 Resp: 230345
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 7.4 5.9 8.9





#83

Chrysene

Concen: 46.29 ng

RT: 21.821 min Scan# 3197

Delta R.T. 0.011 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

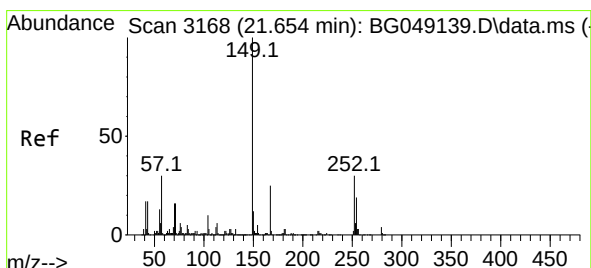
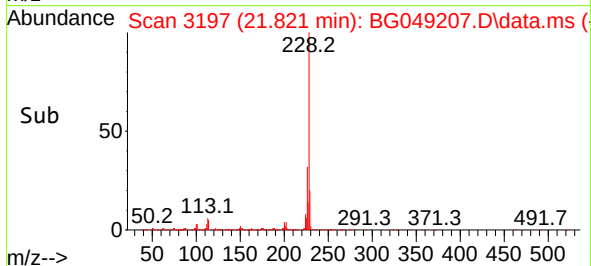
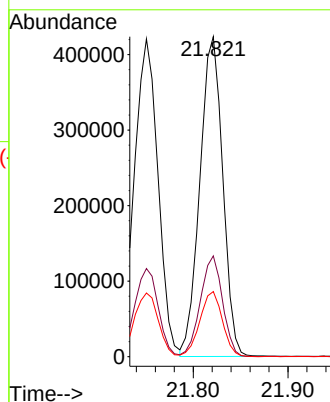
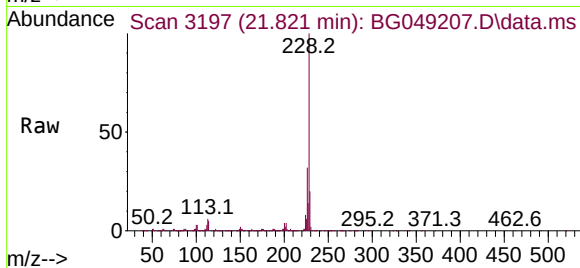
Tgt Ion:	228	Resp:	709714
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.1	34.7
229	20.4	15.3	22.9

Instrument :

BNA_G

ClientSampleId :

A4-SOIL-BANKMSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.39 ng

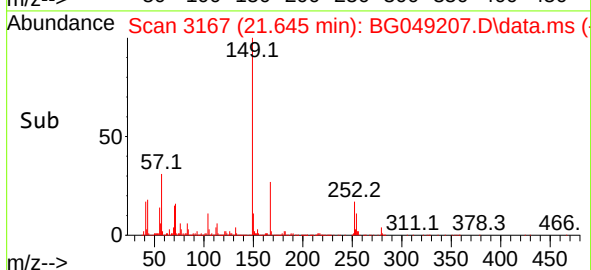
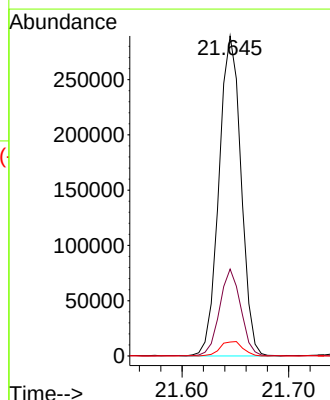
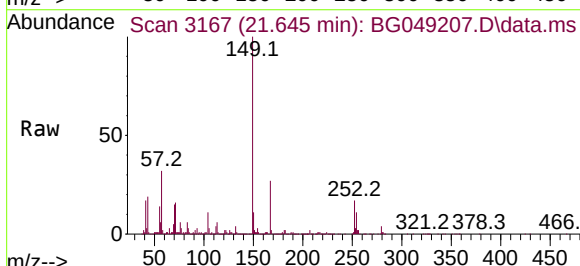
RT: 21.645 min Scan# 3167

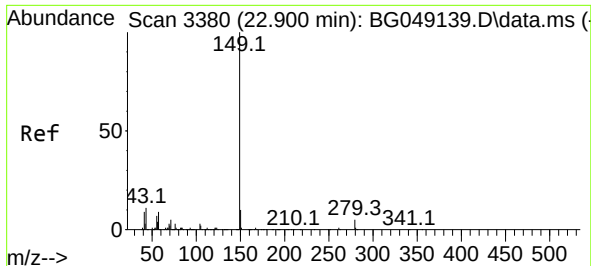
Delta R.T. -0.000 min

Lab File: BG049207.D

Acq: 7 Jul 2021 20:10

Tgt Ion:	149	Resp:	416105
Ion Ratio	Lower	Upper	
149	100		
167	27.1	22.3	33.5
279	4.4	3.8	5.8

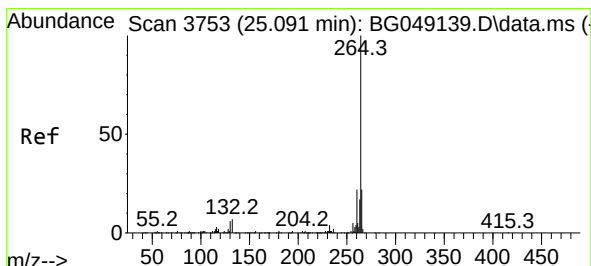
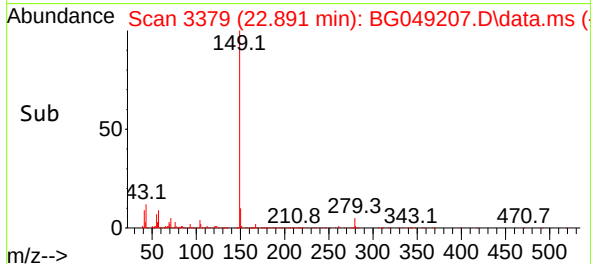
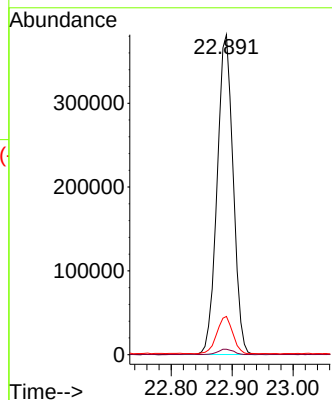
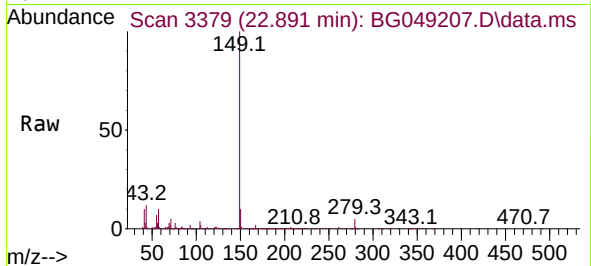




#85
Di-n-octyl phthalate
Concen: 48.12 ng
RT: 22.891 min Scan# 3379
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

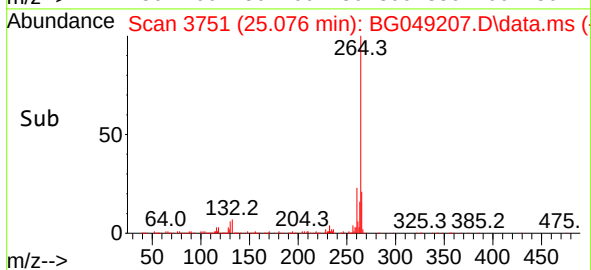
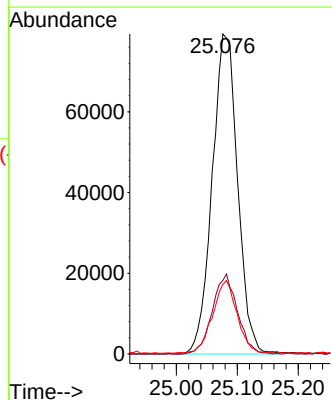
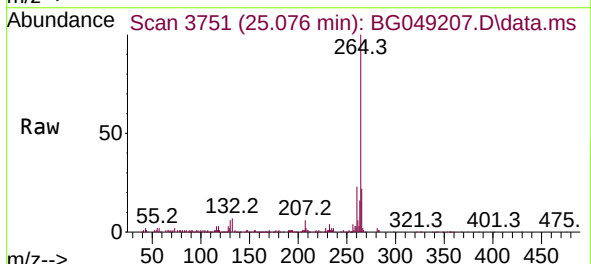
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

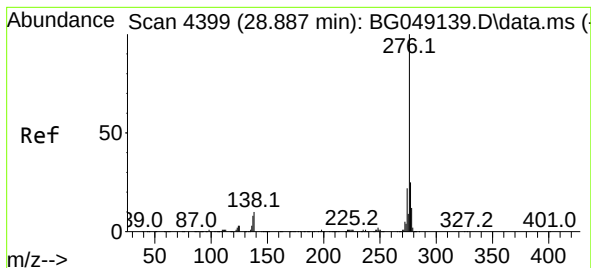
Tgt Ion:149 Resp: 696442
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 11.6 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.076 min Scan# 3751
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:264 Resp: 230054
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.8 16.9 25.3

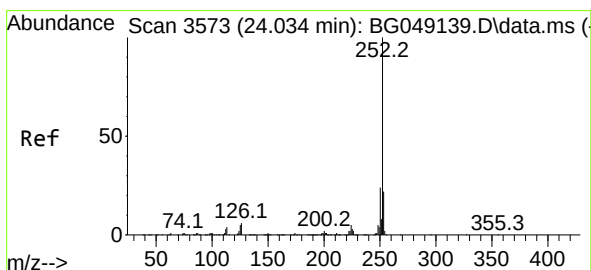
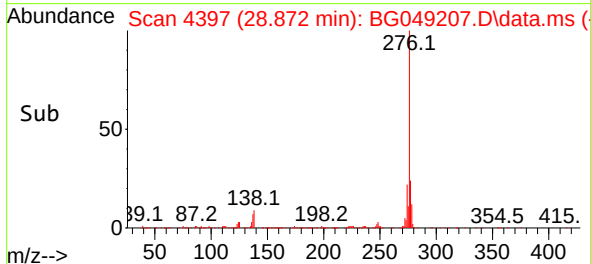
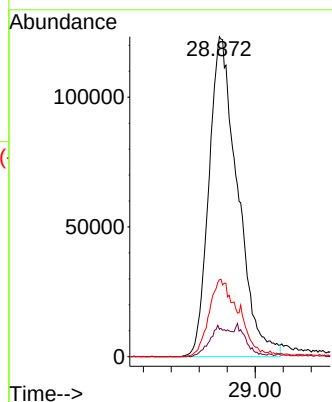
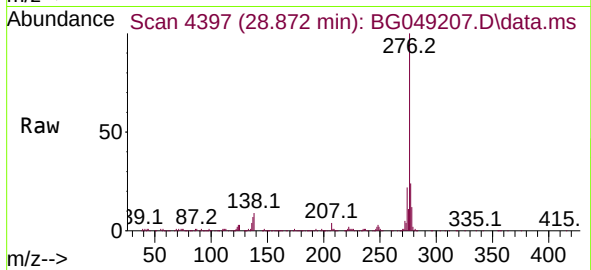




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.79 ng
 RT: 28.872 min Scan# 4397
 Delta R.T. 0.011 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

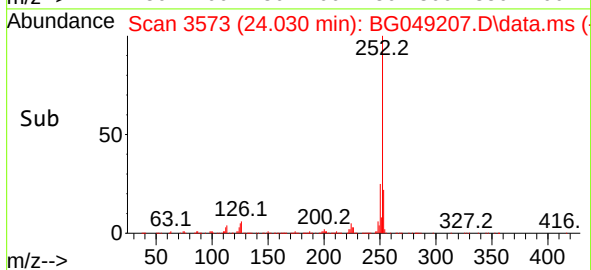
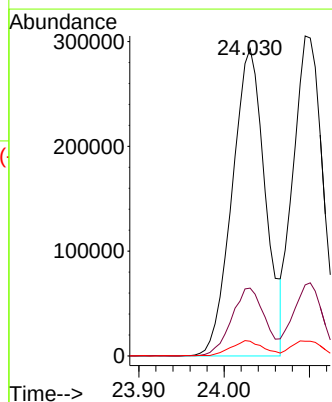
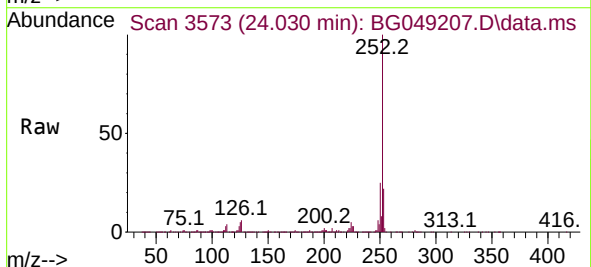
Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

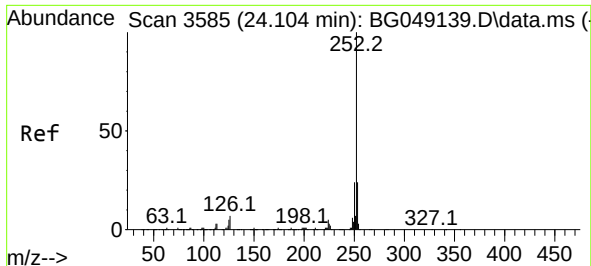
Tgt Ion:276 Resp: 877234
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.1 7.7
 277 19.9 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 47.59 ng
 RT: 24.030 min Scan# 3573
 Delta R.T. 0.011 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10

Tgt Ion:252 Resp: 790027
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.2 24.4
 125 4.8 3.0 4.4#

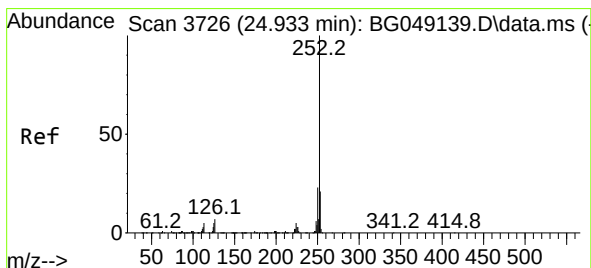
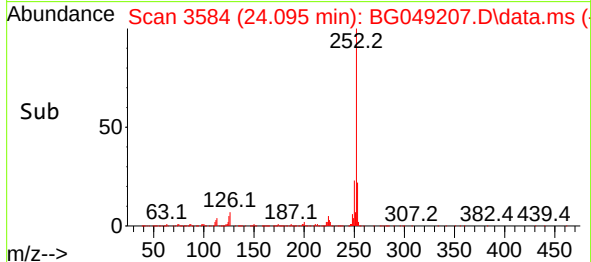
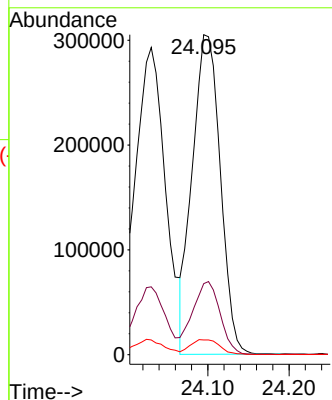
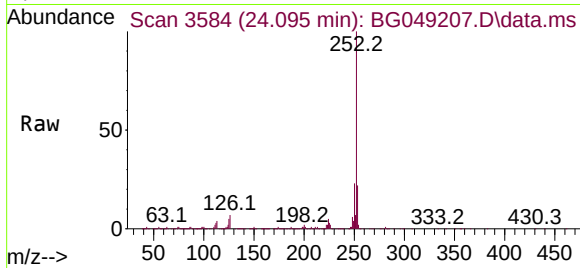




#89
Benzo(k)fluoranthene
Concen: 46.10 ng
RT: 24.095 min Scan# 3584
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

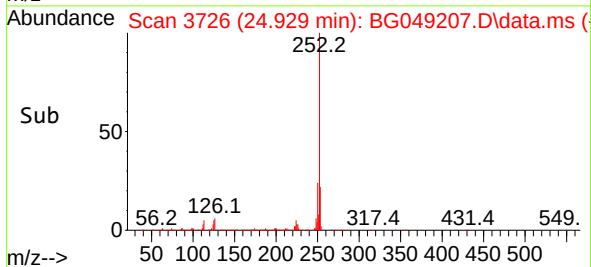
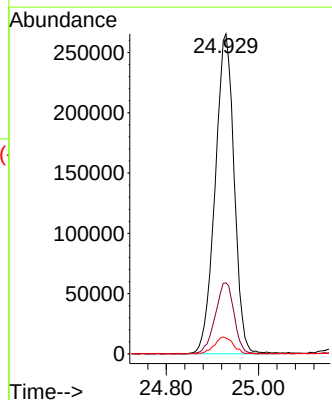
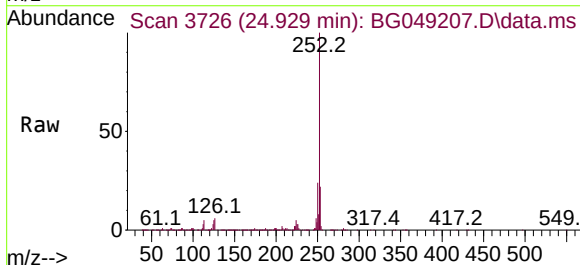
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

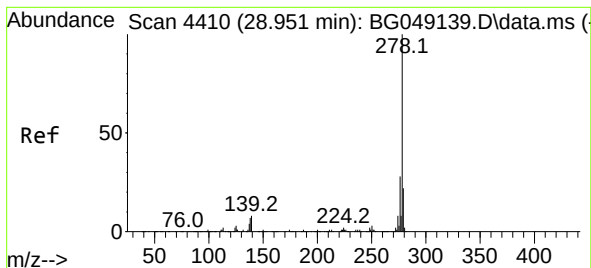
Tgt Ion:252 Resp: 730155
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 4.6 3.1 4.7



#90
Benzo(a)pyrene
Concen: 49.44 ng
RT: 24.929 min Scan# 3726
Delta R.T. 0.017 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:252 Resp: 757224
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 5.0 3.5 5.3

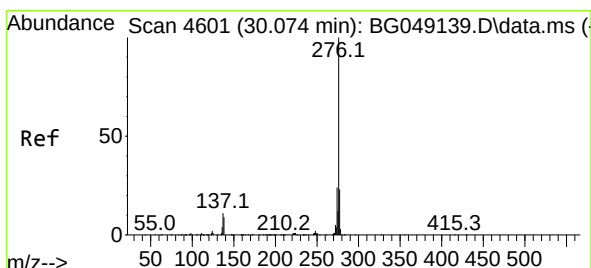
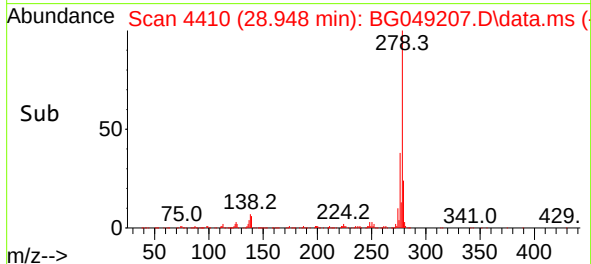
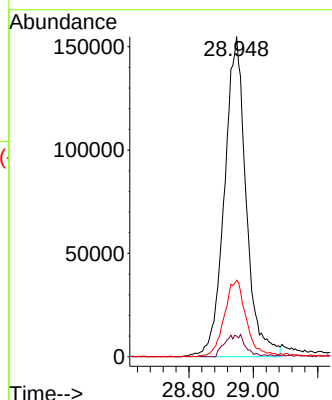
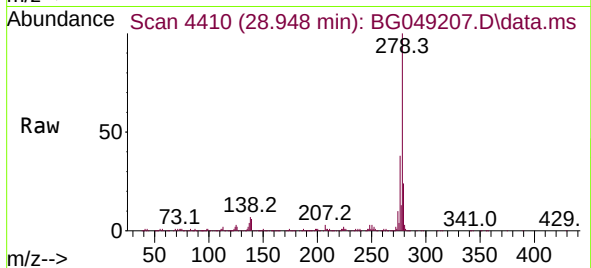




#91
Dibenzo(a,h)anthracene
Concen: 46.76 ng
RT: 28.948 min Scan# 4410
Delta R.T. 0.023 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

Tgt Ion:278 Resp: 724444
Ion Ratio Lower Upper
278 100
139 6.4 4.6 6.8
279 23.9 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 45.36 ng
RT: 30.059 min Scan# 4599
Delta R.T. 0.023 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:276 Resp: 692719
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 9.1 7.0 10.6

