

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049206.D
 Acq On : 7 Jul 2021 19:29
 Operator : CG/JU
 Sample : M2947-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMS

Quant Time: Jul 08 02:21:19 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	8.087	152	40750	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	163968	20.00	ng	# 0.00
39) Acenaphthene-d10	14.732	164	106067	20.00	ng	0.00
64) Phenanthrene-d10	17.482	188	227025	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	216223	20.00	ng	0.00
86) Perylene-d12	25.085	264	228720	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	273075	104.96	ng	0.01
7) Phenol-d6	7.247	99	350089	94.38	ng	0.00
23) Nitrobenzene-d5	9.262	82	250669	64.82	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	186259	101.30	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	517979	65.89	ng	0.00
79) Terphenyl-d14	20.090	244	775814	60.80	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	38872	34.03	ng	# 74
3) Pyridine	3.921	79	98570	31.92	ng	95
4) n-Nitrosodimethylamine	3.839	42	79842	45.52	ng	# 79
6) Aniline	7.411	93	171675	38.02	ng	94
8) 2-Chlorophenol	7.652	128	143393	50.23	ng	94
9) Benzaldehyde	7.223	77	97733	50.09	ng	85
10) Phenol	7.276	94	180093	48.33	ng	93
11) bis(2-Chloroethyl)ether	7.499	93	130213	47.91	ng	85
12) 1,3-Dichlorobenzene	7.975	146	152539	47.78	ng	97
13) 1,4-Dichlorobenzene	8.128	146	155171	48.33	ng	99
14) 1,2-Dichlorobenzene	8.445	146	150019	48.54	ng	91
15) Benzyl Alcohol	8.328	79	154461	47.29	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.616	45	206860	44.83	ng	85
17) 2-Methylphenol	8.533	107	121198	48.27	ng	96
18) Hexachloroethane	9.180	117	62591	48.82	ng	98
19) n-Nitroso-di-n-propyla...	8.898	70	114702	43.03	ng	96
20) 3+4-Methylphenols	8.862	107	165083	47.43	ng	96
22) Acetophenone	8.915	105	230963	47.22	ng	# 99
24) Nitrobenzene	9.303	77	184777	44.09	ng	96
25) Isophorone	9.826	82	304603	41.00	ng	96
26) 2-Nitrophenol	10.014	139	78954	47.33	ng	98
27) 2,4-Dimethylphenol	10.073	122	130050	51.96	ng	97
28) bis(2-Chloroethoxy)met...	10.302	93	170927	48.79	ng	98
29) 2,4-Dichlorophenol	10.555	162	139603	46.51	ng	92
30) 1,2,4-Trichlorobenzene	10.772	180	165387	46.79	ng	98
31) Naphthalene	10.960	128	430907	45.14	ng	98
32) Benzoic acid	10.237	122	88410	44.29	ng	# 71
33) 4-Chloroaniline	11.066	127	93993	23.81	ng	95
34) Hexachlorobutadiene	11.248	225	125471	48.04	ng	93
35) Caprolactam	11.859	113	26672	28.00	ng	# 54
36) 4-Chloro-3-methylphenol	12.188	107	156070	45.19	ng	# 95
37) 2-Methylnaphthalene	12.564	142	325773	45.31	ng	95
38) 1-Methylnaphthalene	12.781	142	295800	43.45	ng	96
40) 1,2,4,5-Tetrachloroben...	12.928	216	192549	52.04	ng	97
41) Hexachlorocyclopentadiene	12.911	237	167395	76.37	ng	95
43) 2,4,6-Trichlorophenol	13.169	196	130513	51.08	ng	96

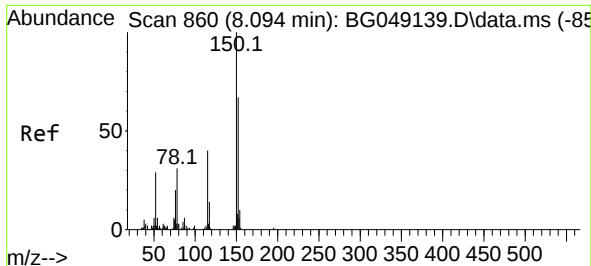
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	137618	49.25	ng	88
46) 1,1'-Biphenyl	13.569	154	402545	50.80	ng	99
47) 2-Chloronaphthalene	13.610	162	315492	48.39	ng	99
48) 2-Nitroaniline	13.810	65	113691	47.82	ng	97
49) Acenaphthylene	14.456	152	501495	48.79	ng	96
50) Dimethylphthalate	14.186	163	400920	47.10	ng	100
51) 2,6-Dinitrotoluene	14.303	165	88422	45.31	ng	89
52) Acenaphthene	14.797	154	297961	46.51	ng	88
53) 3-Nitroaniline	14.632	138	62209	33.19	ng	91
54) 2,4-Dinitrophenol	14.844	184	69463	53.66	ng	94
55) Dibenzofuran	15.132	168	481692	46.19	ng	98
56) 4-Nitrophenol	14.949	139	143014	93.63	ng	90
57) 2,4-Dinitrotoluene	15.090	165	125733	45.36	ng	97
58) Fluorene	15.784	166	397711	46.11	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.355	232	125088	48.09	ng	98
60) Diethylphthalate	15.543	149	420252	46.59	ng	97
61) 4-Chlorophenyl-phenyle...	15.772	204	221681	46.43	ng	98
62) 4-Nitroaniline	15.801	138	75611	38.83	ng	86
63) Azobenzene	16.066	77	396240	43.57	ng	91
65) 4,6-Dinitro-2-methylph...	15.854	198	47353	29.20	ng	90
66) n-Nitrosodiphenylamine	15.984	169	340282	47.93	ng	97
67) 4-Bromophenyl-phenylether	16.665	248	148516	48.49	ng	93
68) Hexachlorobenzene	16.788	284	166329	49.12	ng	96
69) Atrazine	16.935	200	142889	60.60	ng	99
70) Pentachlorophenol	17.135	266	209057	106.07	ng	92
71) Phenanthrene	17.529	178	608920	46.58	ng	99
72) Anthracene	17.617	178	623577	47.85	ng	98
73) Carbazole	17.887	167	556994	44.83	ng	98
74) Di-n-butylphthalate	18.439	149	668582	46.80	ng	# 97
75) Fluoranthene	19.532	202	721396	44.08	ng	97
77) Benzidine	19.709	184	489187	105.33	ng	97
78) Pyrene	19.897	202	729311	45.41	ng	96
80) Butylbenzylphthalate	20.772	149	286877	47.15	ng	94
81) Benzo(a)anthracene	21.753	228	721342	44.73	ng	100
82) 3,3'-Dichlorobenzidine	21.659	252	228964	41.73	ng	98
83) Chrysene	21.818	228	700272	45.71	ng	95
84) Bis(2-ethylhexyl)phtha...	21.648	149	408409	47.52	ng	96
85) Di-n-octyl phthalate	22.887	149	685081	47.37	ng	97
87) Indeno(1,2,3-cd)pyrene	28.868	276	848984	46.52	ng	# 77
88) Benzo(b)fluoranthene	24.027	252	759508	46.02	ng	# 97
89) Benzo(k)fluoranthene	24.098	252	727288	46.19	ng	# 99
90) Benzo(a)pyrene	24.932	252	740393	48.63	ng	# 96
91) Dibenzo(a,h)anthracene	28.951	278	726768	47.18	ng	98
92) Benzo(g,h,i)perylene	30.061	276	669412	44.08	ng	99

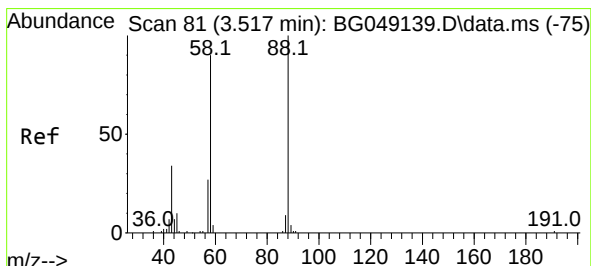
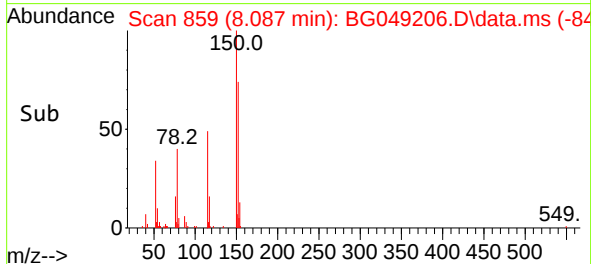
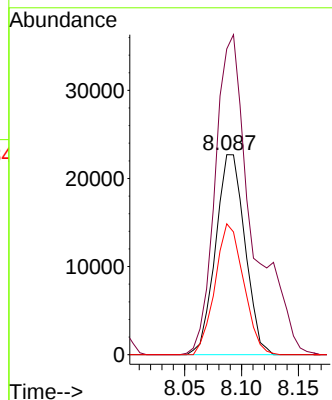
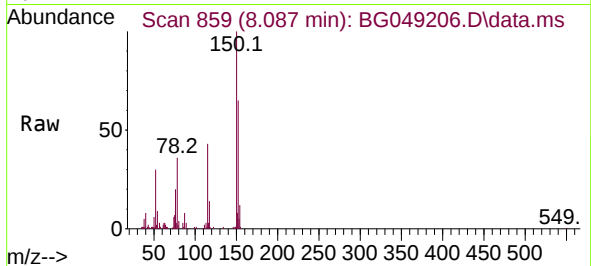
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.087 min Scan# 859
Delta R.T. -0.004 min
Lab File: BG049206.D
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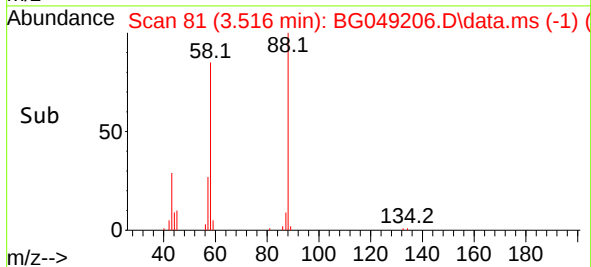
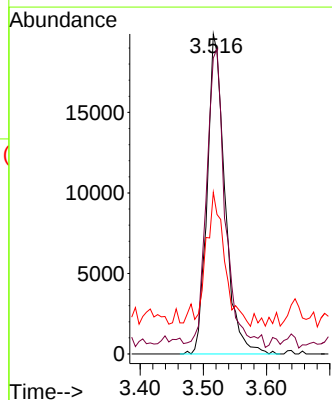
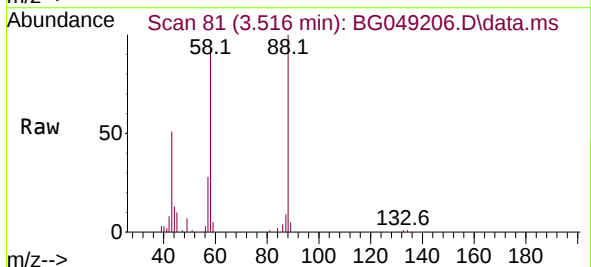
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

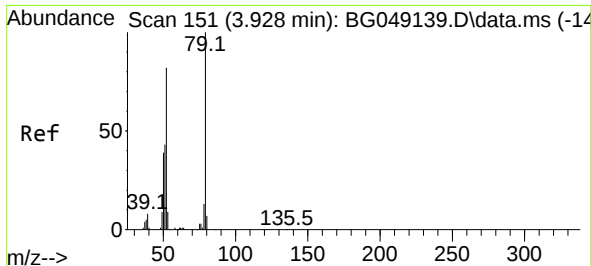
Tgt Ion:152 Resp: 40750
Ion Ratio Lower Upper
152 100
150 152.8 119.4 179.0
115 65.4 60.2 90.4



#2
1,4-Dioxane
Concen: 34.03 ng
RT: 3.516 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 88 Resp: 38872
Ion Ratio Lower Upper
88 100
58 98.1 55.7 83.5#
43 42.6 29.3 43.9

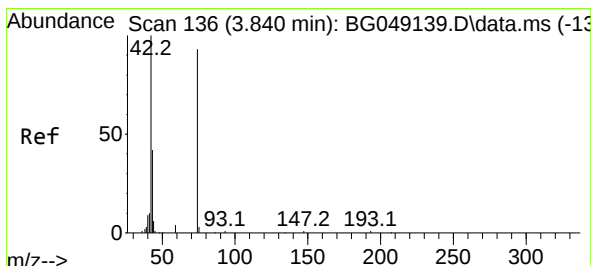
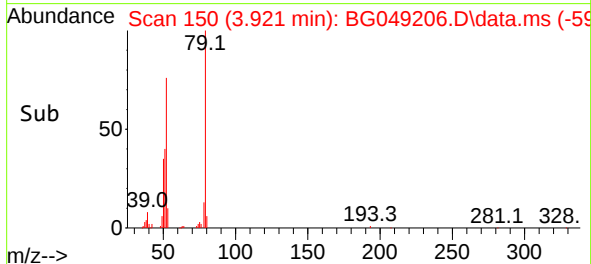
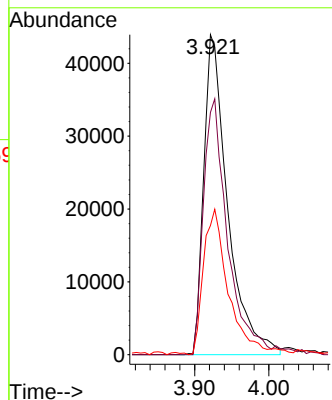
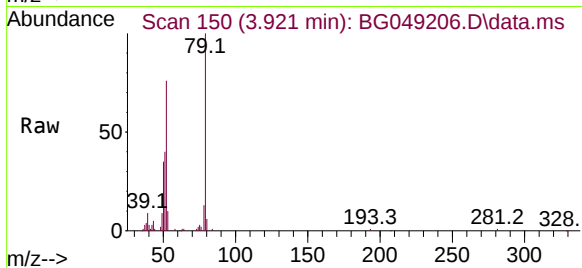




#3
Pyridine
Concen: 31.92 ng
RT: 3.921 min Scan# 150
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

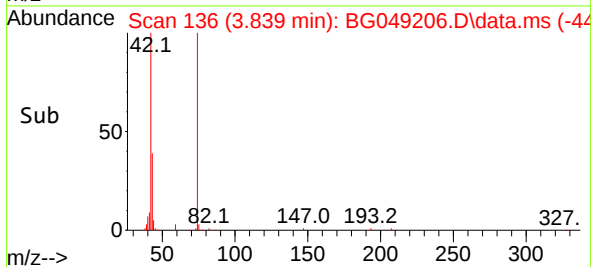
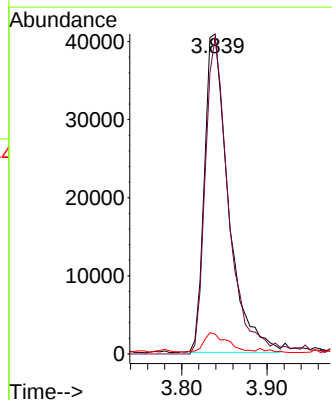
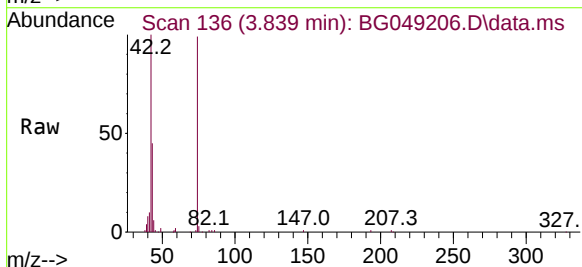
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

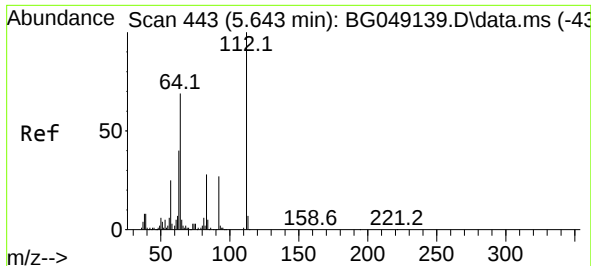
Tgt Ion: 79 Resp: 98570
Ion Ratio Lower Upper
79 100
52 75.7 58.4 87.6
51 40.4 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 45.52 ng
RT: 3.839 min Scan# 136
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 42 Resp: 79842
Ion Ratio Lower Upper
42 100
74 98.8 64.0 96.0#
44 6.2 2.7 4.1#

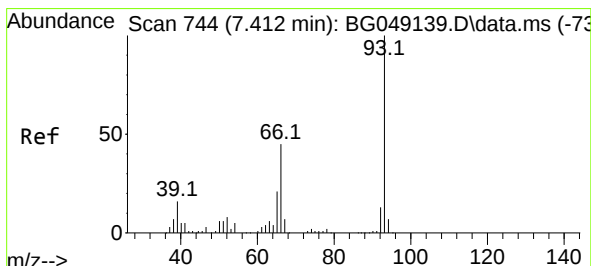
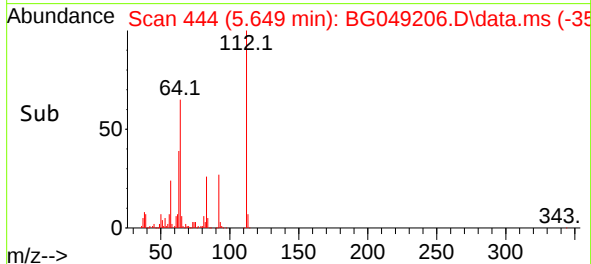
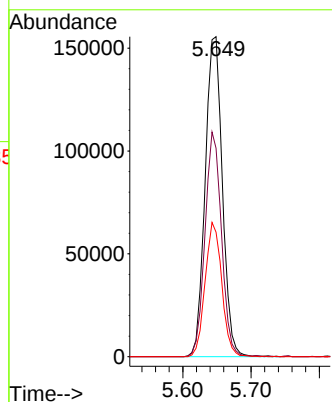
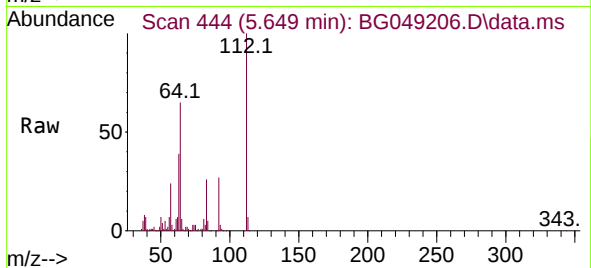




#5
2-Fluorophenol
Concen: 104.96 ng
RT: 5.649 min Scan# 444
Delta R.T. 0.014 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

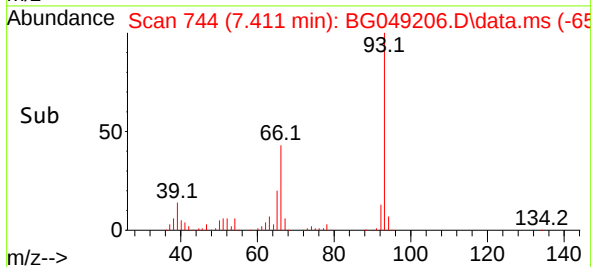
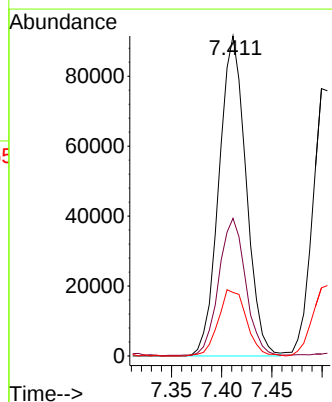
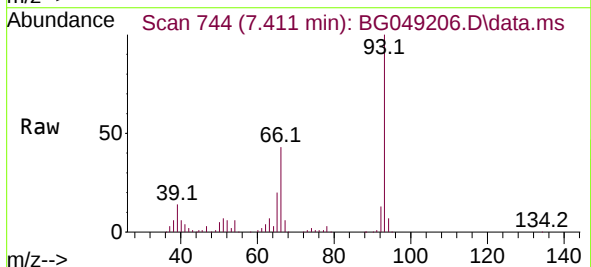
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ClientSampleId :
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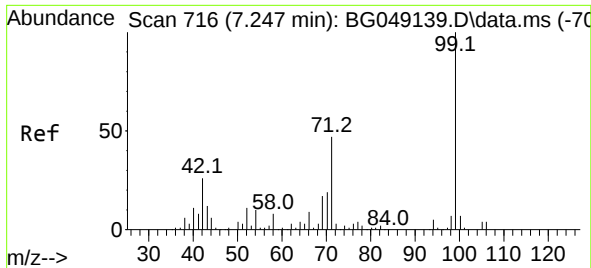
Tgt Ion:112 Resp: 273075
Ion Ratio Lower Upper
112 100
64 65.1 46.7 70.1
63 38.9 35.3 52.9



#6
Aniline
Concen: 38.02 ng
RT: 7.411 min Scan# 744
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 93 Resp: 171675
Ion Ratio Lower Upper
93 100
66 43.0 30.6 45.8
65 19.9 15.0 22.4

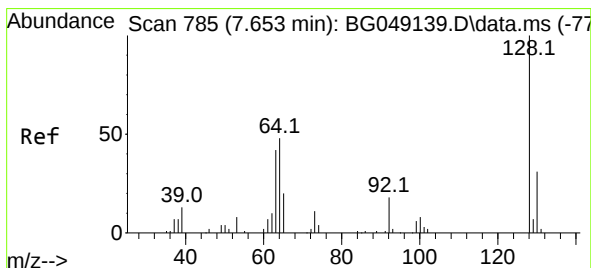
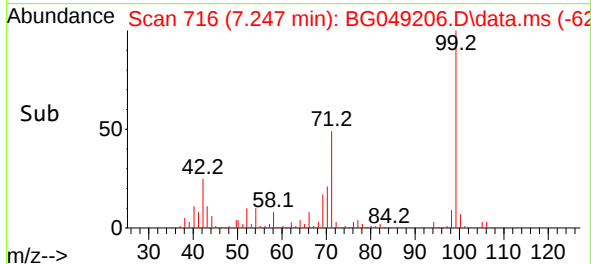
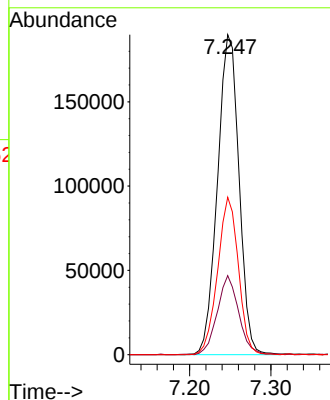
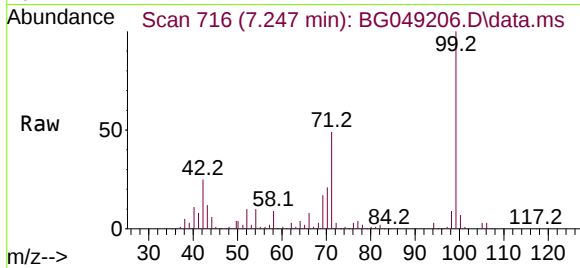




#7
Phenol-d6
Concen: 94.38 ng
RT: 7.247 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

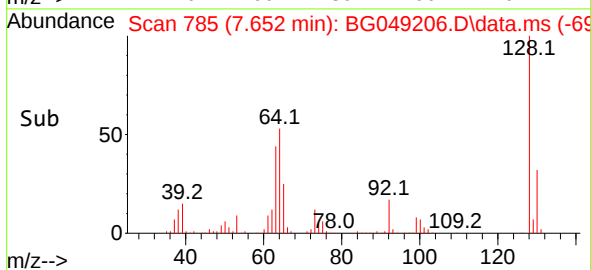
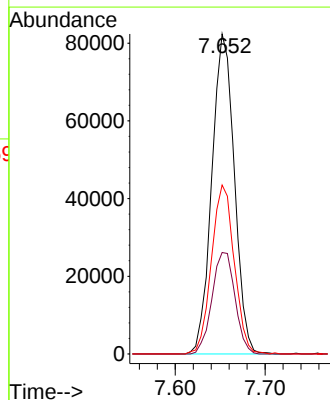
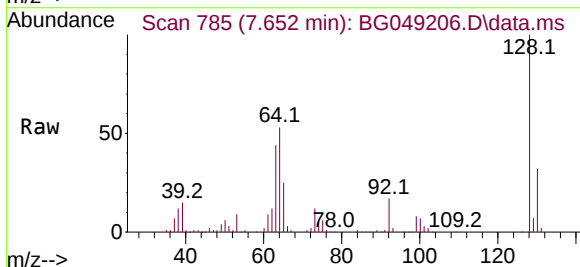
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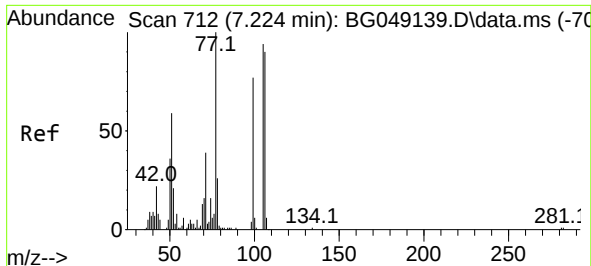
Tgt Ion:	99	Resp:	350089
Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.5	30.7
71	49.2	41.5	62.3



#8
2-Chlorophenol
Concen: 50.23 ng
RT: 7.652 min Scan# 785
Delta R.T. 0.002 min
Lab File: BG049206.D
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Tgt Ion:	128	Resp:	143393
Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.0	50.0
64	52.8	28.1	68.1

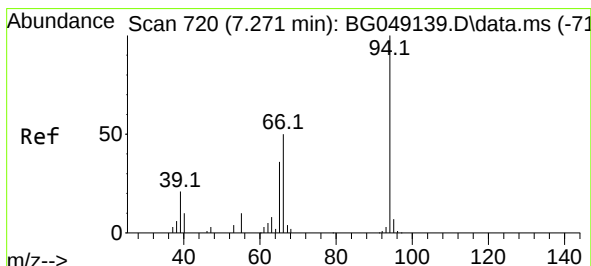
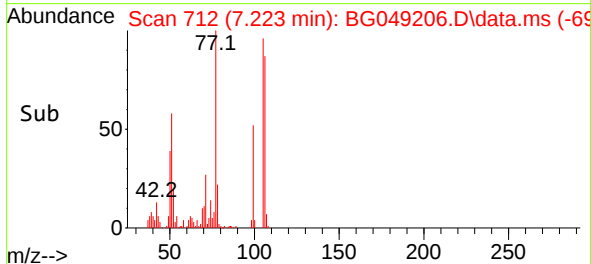
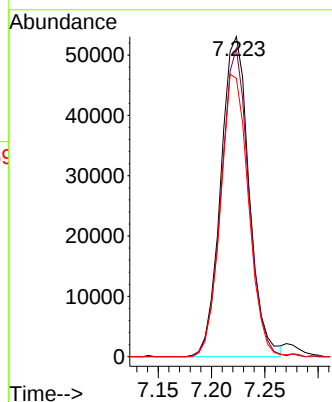
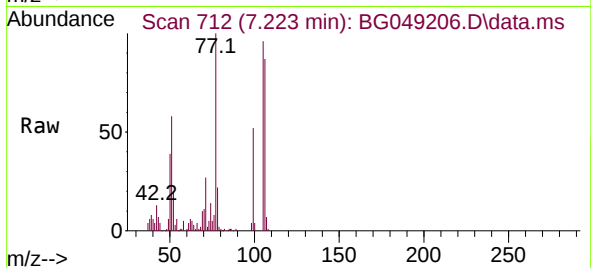




#9
Benzaldehyde
Concen: 50.09 ng
RT: 7.223 min Scan# 712
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

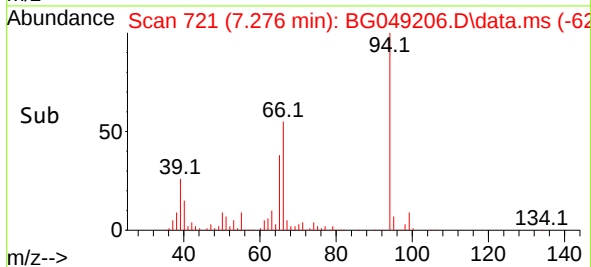
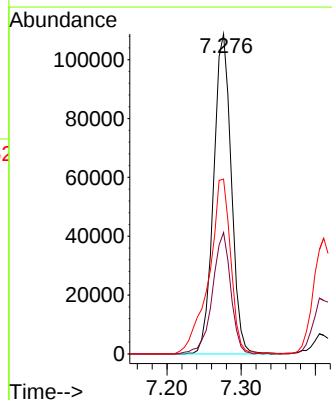
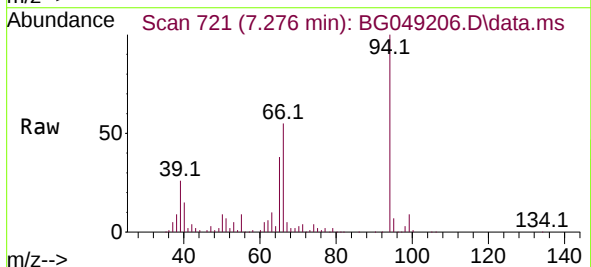
Instrument :
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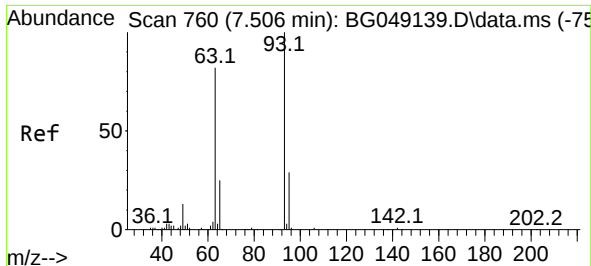
Tgt Ion: 77 Resp: 97733
Ion Ratio Lower Upper
77 100
105 96.4 68.8 108.8
106 87.0 47.9 87.9



#10
Phenol
Concen: 48.33 ng
RT: 7.276 min Scan# 721
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 94 Resp: 180093
Ion Ratio Lower Upper
94 100
65 37.9 12.9 52.9
66 54.6 39.4 79.4

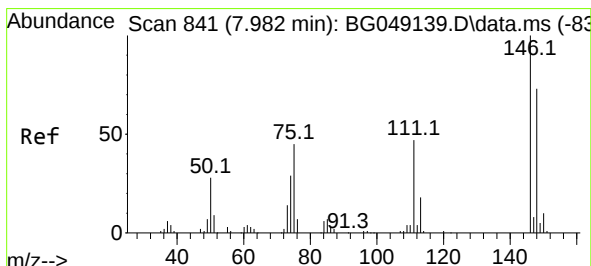
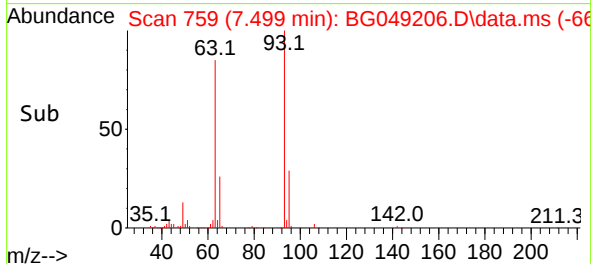
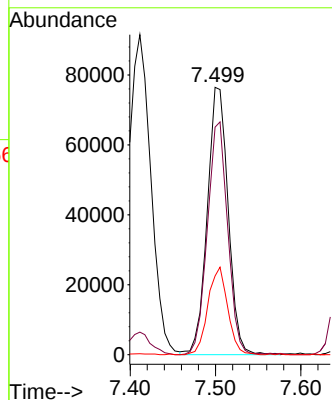
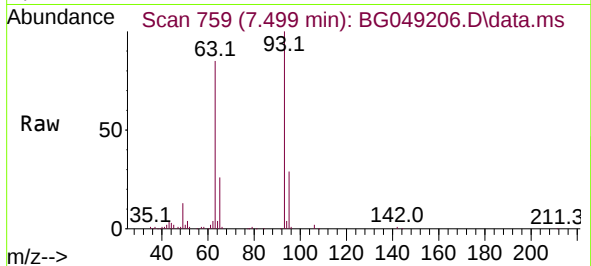




#11
bis(2-Chloroethyl)ether
Concen: 47.91 ng
RT: 7.499 min Scan# 759
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

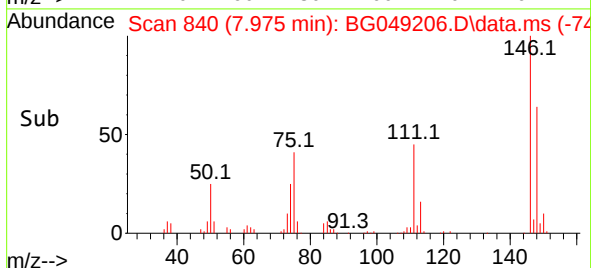
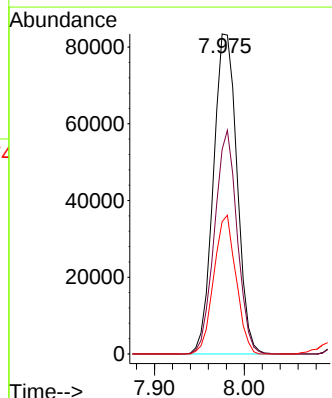
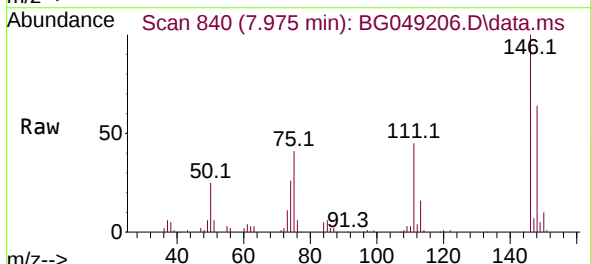
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

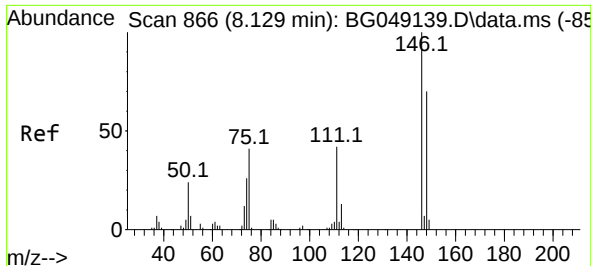
Tgt Ion: 93 Resp: 130213
Ion Ratio Lower Upper
93 100
63 85.1 50.4 90.4
95 29.4 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 47.78 ng
RT: 7.975 min Scan# 840
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:146 Resp: 152539
Ion Ratio Lower Upper
146 100
148 63.9 52.6 78.8
75 41.4 35.7 53.5

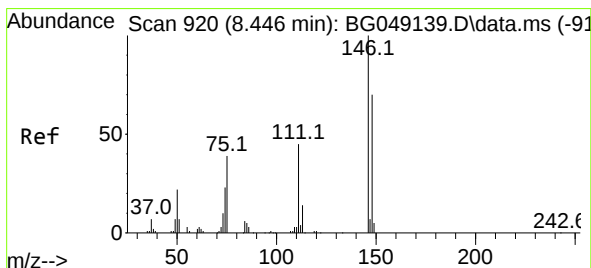
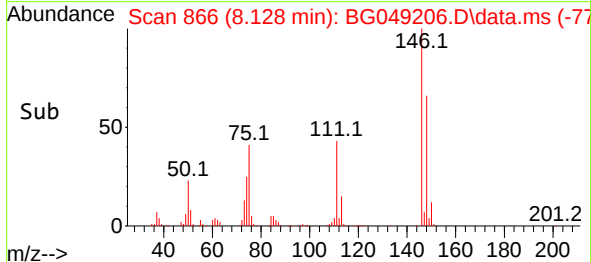
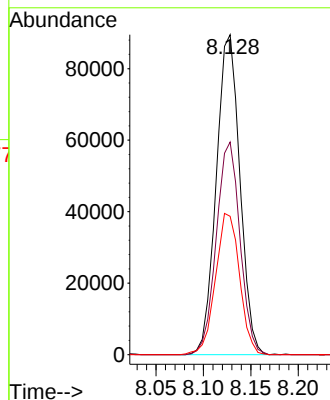
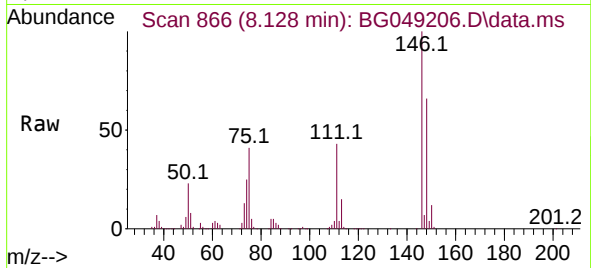




#13
1,4-Dichlorobenzene
Concen: 48.33 ng
RT: 8.128 min Scan# 866
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

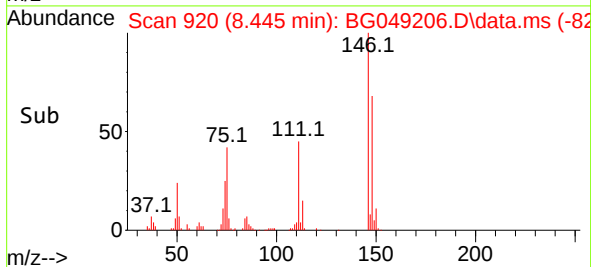
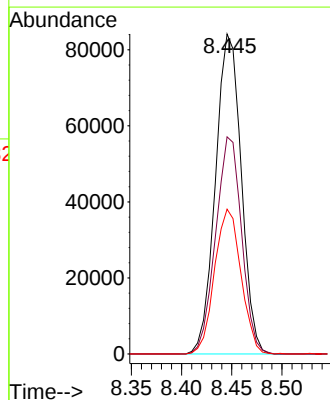
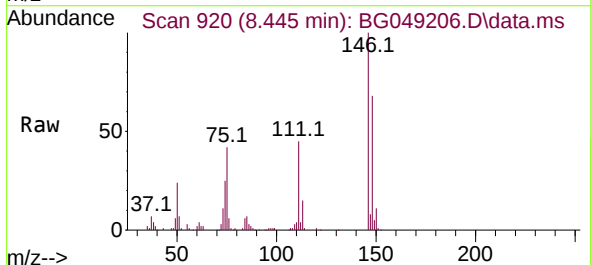
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

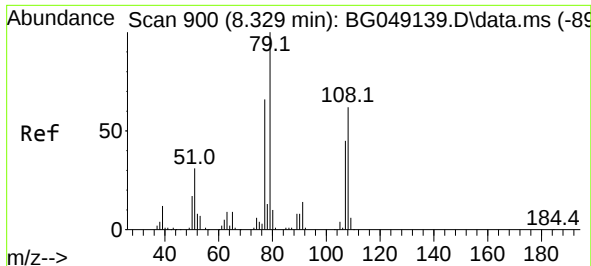
Tgt Ion:146 Resp: 155171
Ion Ratio Lower Upper
146 100
148 66.5 54.0 81.0
111 43.2 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 48.54 ng
RT: 8.445 min Scan# 920
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:146 Resp: 150019
Ion Ratio Lower Upper
146 100
148 67.8 47.5 71.3
111 45.3 39.1 58.7

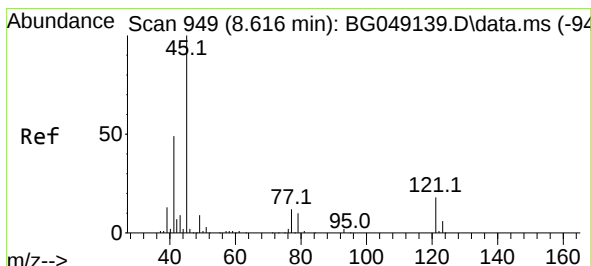
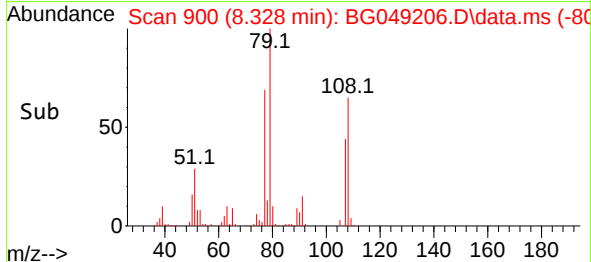
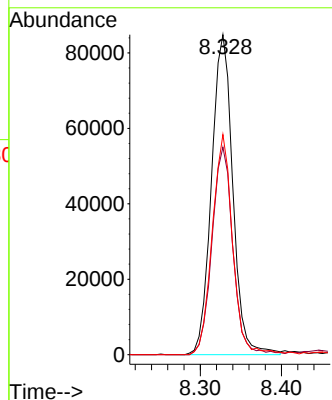
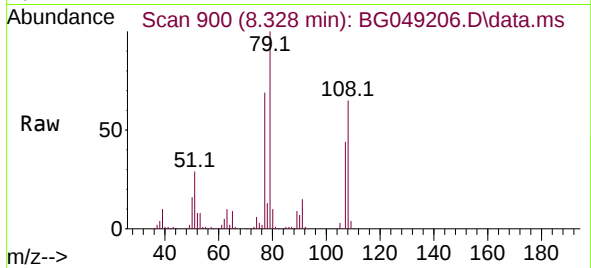




#15
Benzyl Alcohol
Concen: 47.29 ng
RT: 8.328 min Scan# 900
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

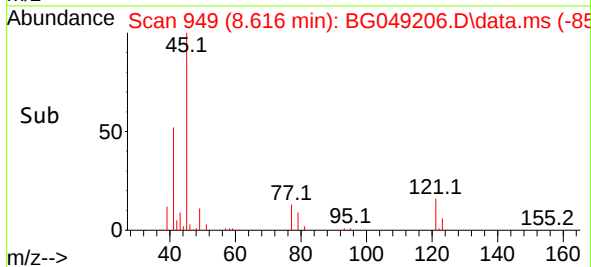
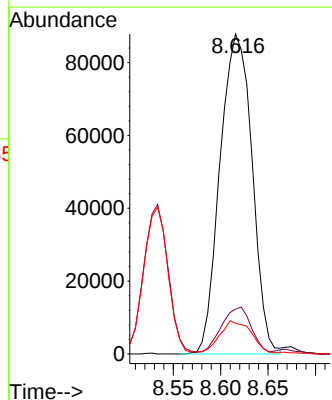
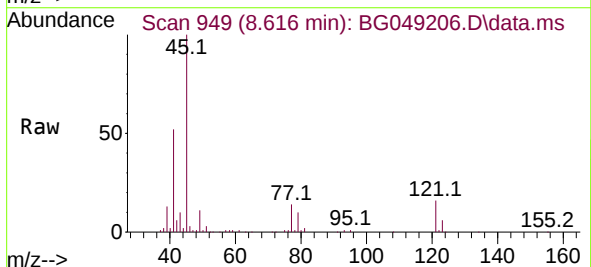
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

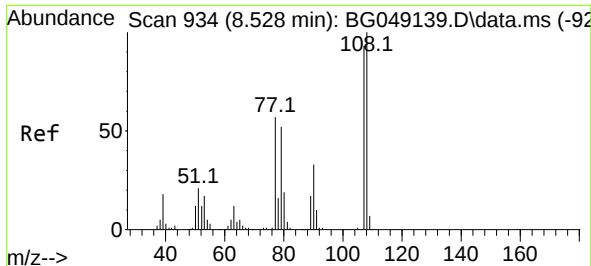
Tgt Ion: 79 Resp: 154461
Ion Ratio Lower Upper
79 100
108 64.8 48.2 72.4
77 68.8 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.83 ng
RT: 8.616 min Scan# 949
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 45 Resp: 206860
Ion Ratio Lower Upper
45 100
77 14.0 2.2 42.2
79 9.5 0.0 34.3

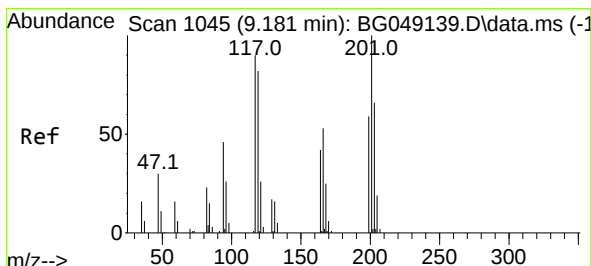
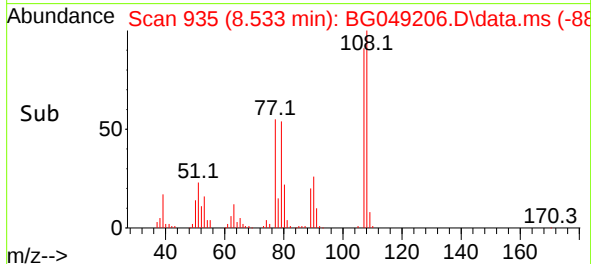
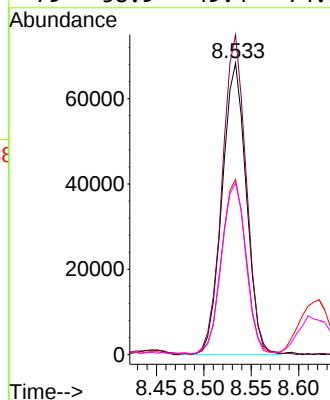
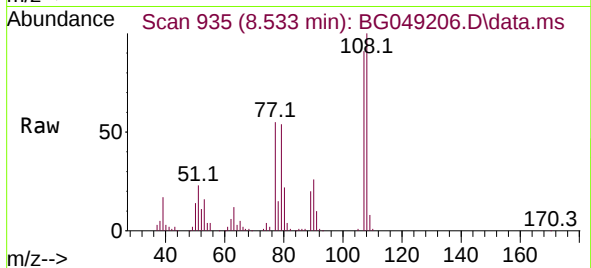




#17
2-Methylphenol
Concen: 48.27 ng
RT: 8.533 min Scan# 935
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

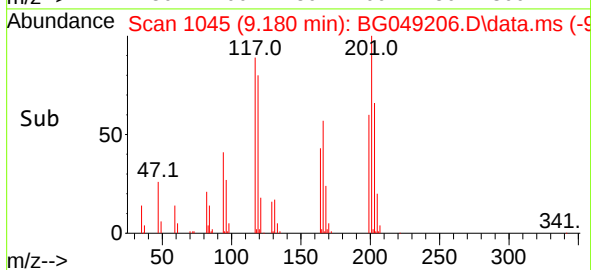
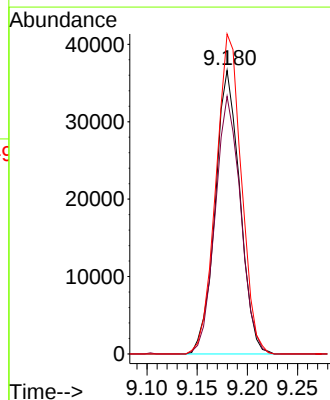
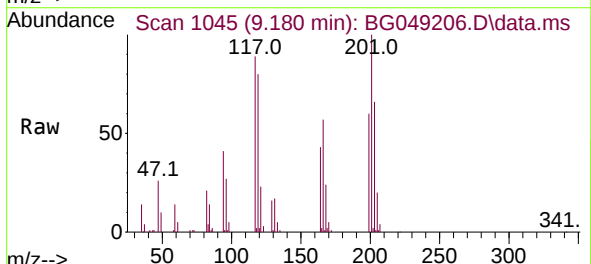
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

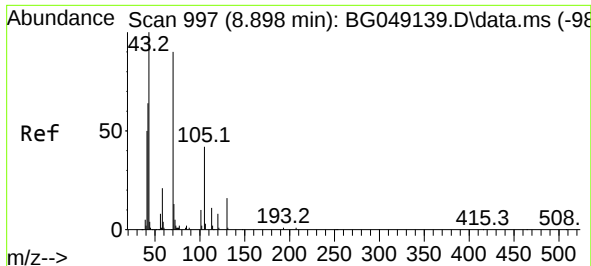
Tgt Ion:	107	Resp:	121198
Ion	Ratio	Lower	Upper
107	100		
108	109.8	84.6	127.0
77	60.1	50.7	76.1
79	58.9	49.4	74.0



#18
Hexachloroethane
Concen: 48.82 ng
RT: 9.180 min Scan# 1045
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:	117	Resp:	62591
Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.4	111.6
201	112.9	88.6	133.0





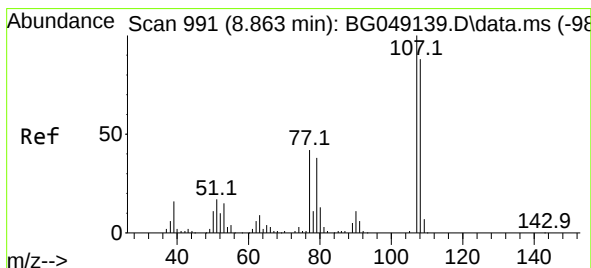
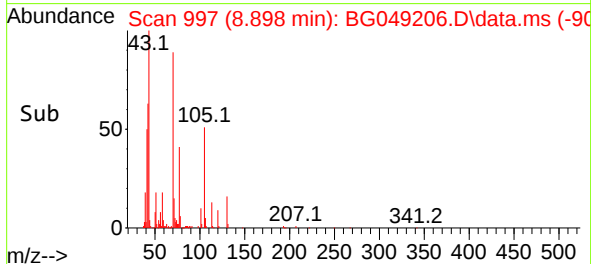
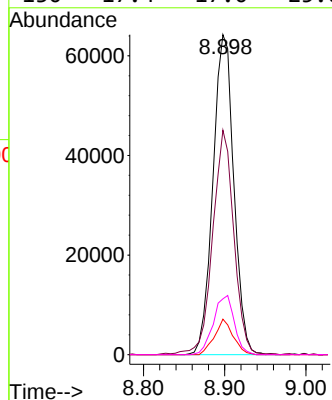
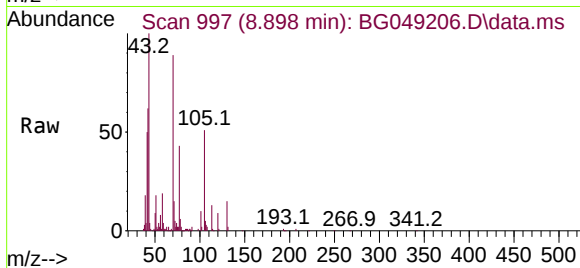
#19

n-Nitroso-di-n-propylamine
Concen: 43.03 ng
RT: 8.898 min Scan# 997
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

Tgt Ion: 70 Resp: 114702

Ion	Ratio	Lower	Upper
70	100		
42	70.2	54.5	81.7
101	11.1	9.0	13.6
130	17.4	17.0	25.6

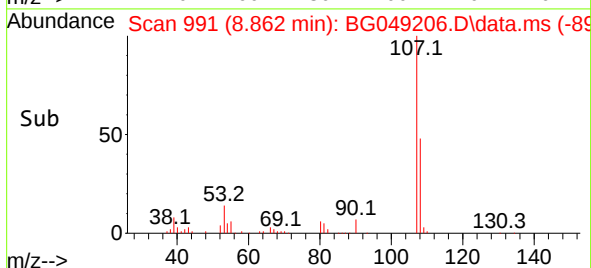
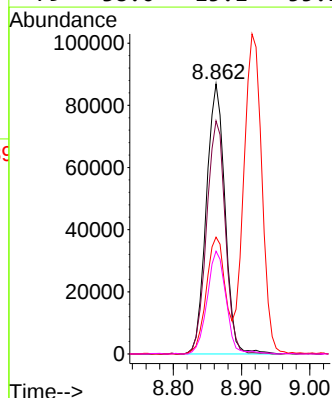
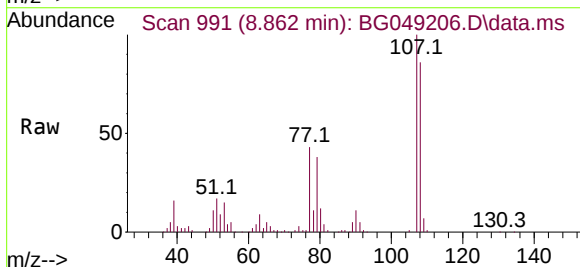


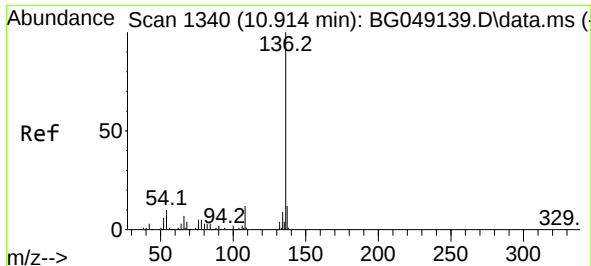
#20

3+4-Methylphenols
Concen: 47.43 ng
RT: 8.862 min Scan# 991
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 107 Resp: 165083

Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.3	109.3
77	43.2	25.2	65.2
79	38.0	15.1	55.1

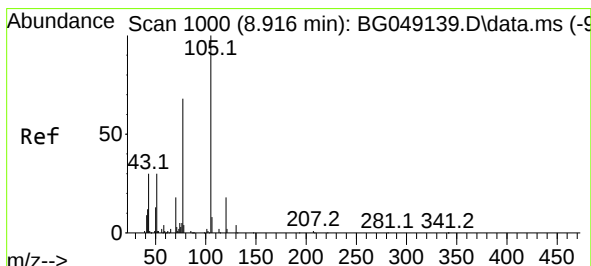
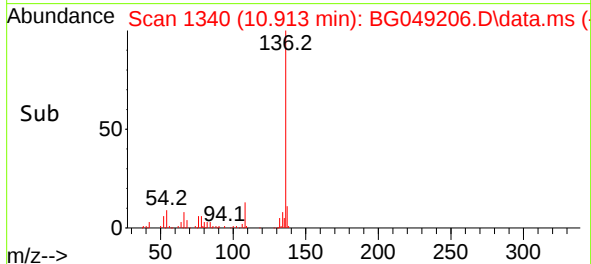
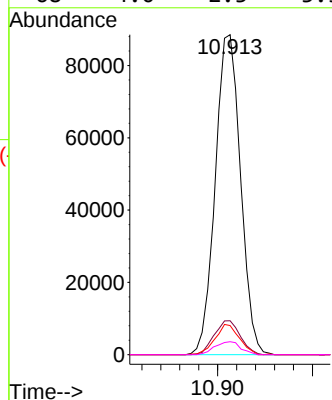
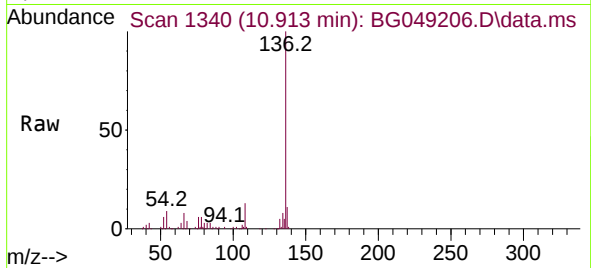




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1340
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

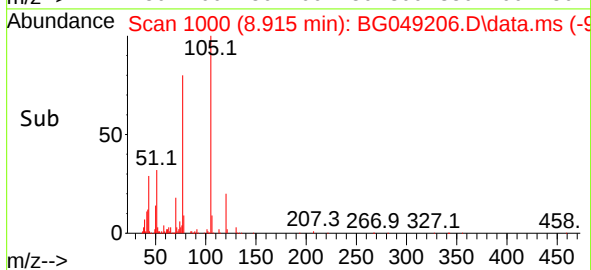
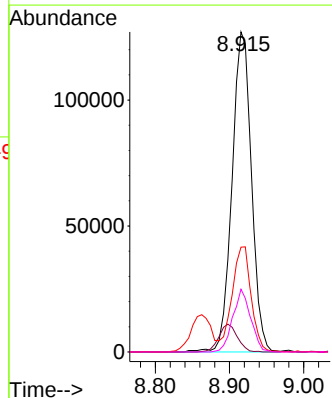
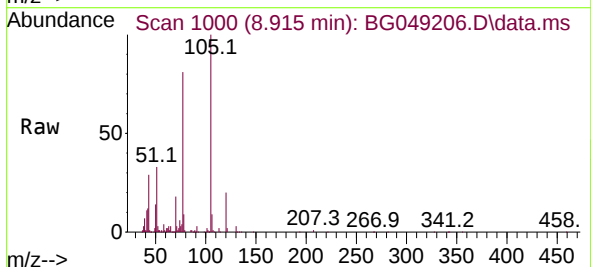
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

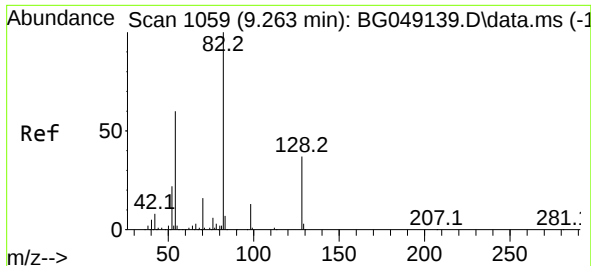
Tgt Ion:	136	Resp:	163968
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	9.1	5.5	8.3#
68	4.0	2.3	3.5#



#22
Acetophenone
Concen: 47.22 ng
RT: 8.915 min Scan# 1000
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:	105	Resp:	230963
Ion Ratio	Lower	Upper	
105	100		
71	2.8	0.6	0.8#
51	32.8	26.6	40.0
120	19.6	16.2	24.4





#23

Nitrobenzene-d5

Concen: 64.82 ng

RT: 9.262 min Scan# 1059

Delta R.T. 0.008 min

Lab File: BG049206.D

Acq: 7 Jul 2021 19:29

Instrument :

BNA_G

ClientSampleId :

A4-SOIL-BANKMS

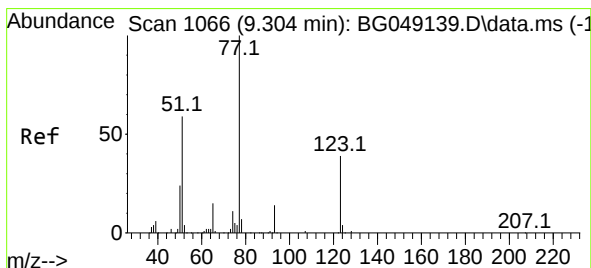
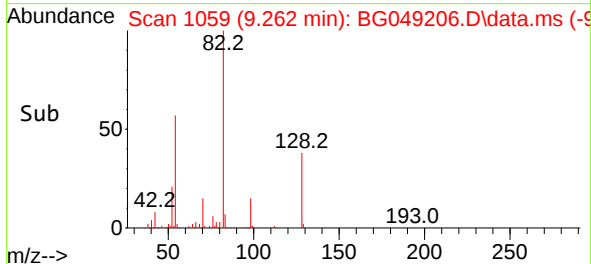
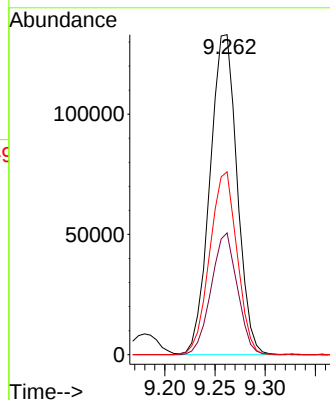
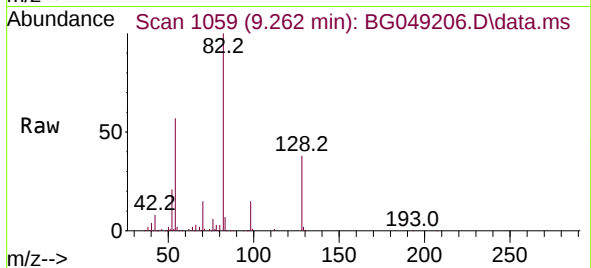
Tgt Ion: 82 Resp: 250669

Ion Ratio Lower Upper

82 100

128 38.1 29.8 44.6

54 57.1 45.8 68.8



#24

Nitrobenzene

Concen: 44.09 ng

RT: 9.303 min Scan# 1066

Delta R.T. 0.008 min

Lab File: BG049206.D

Acq: 7 Jul 2021 19:29

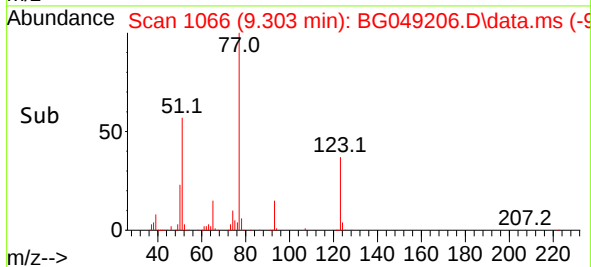
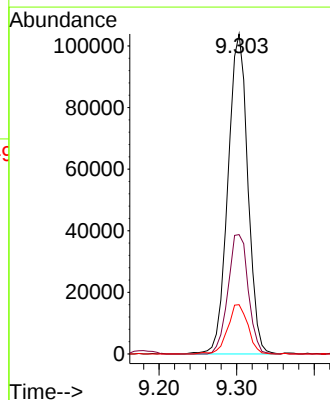
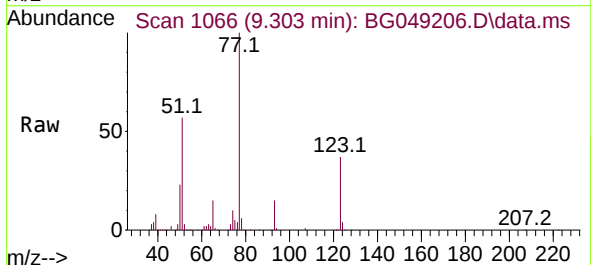
Tgt Ion: 77 Resp: 184777

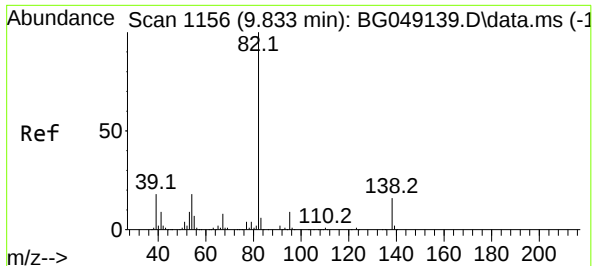
Ion Ratio Lower Upper

77 100

123 37.3 27.5 41.3

65 15.4 12.6 18.8

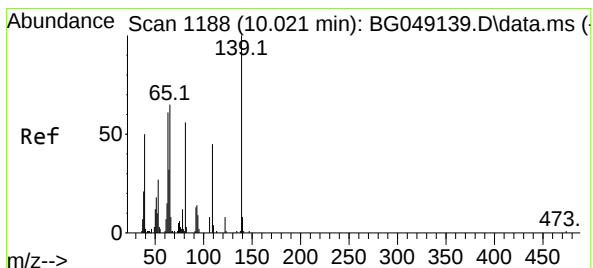
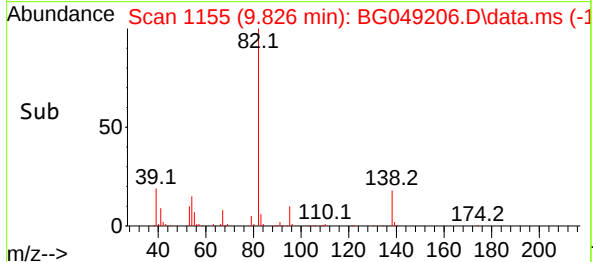
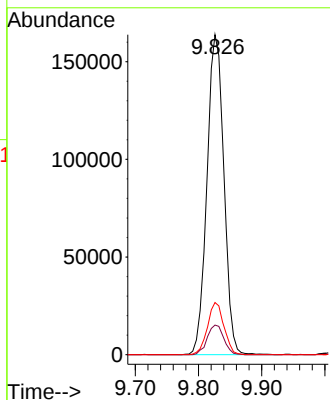
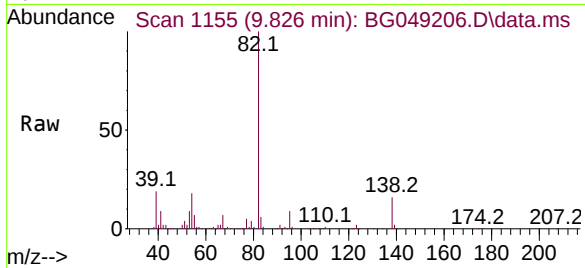




#25
Isophorone
Concen: 41.00 ng
RT: 9.826 min Scan# 1155
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

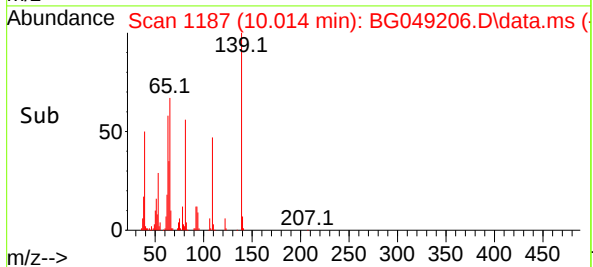
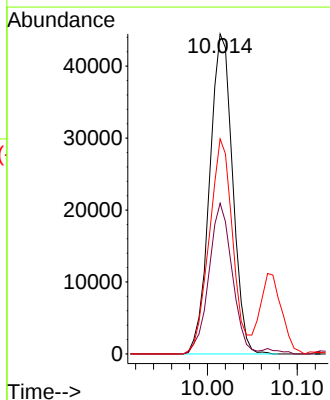
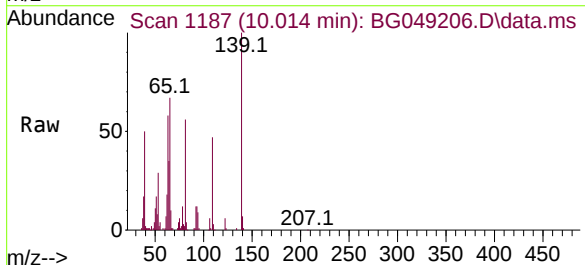
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

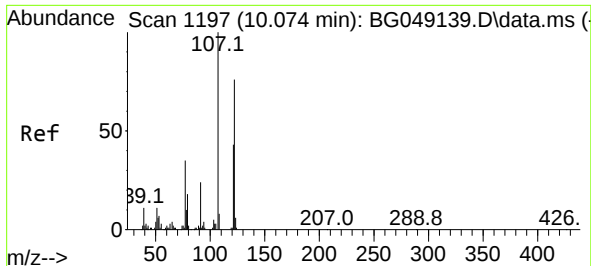
Tgt Ion: 82 Resp: 304603
Ion Ratio Lower Upper
82 100
95 9.3 8.5 12.7
138 16.3 11.8 17.6



#26
2-Nitrophenol
Concen: 47.33 ng
RT: 10.014 min Scan# 1187
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 139 Resp: 78954
Ion Ratio Lower Upper
139 100
109 47.1 37.8 56.6
65 67.2 51.8 77.8

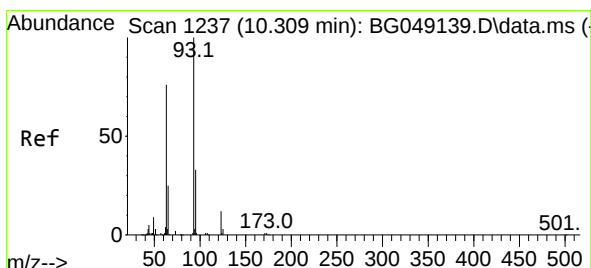
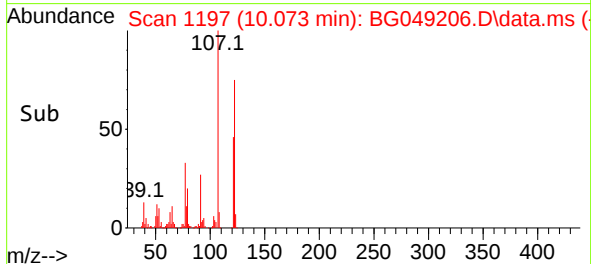
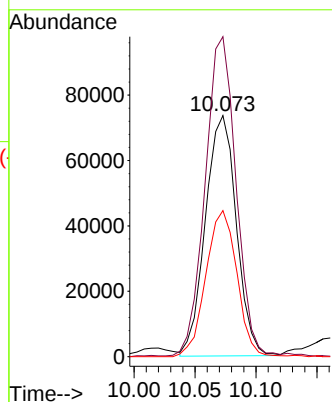
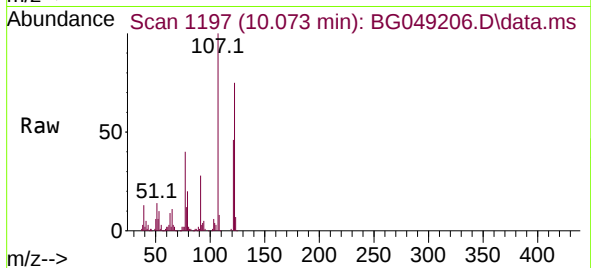




#27
2,4-Dimethylphenol
Concen: 51.96 ng
RT: 10.073 min Scan# 1197
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

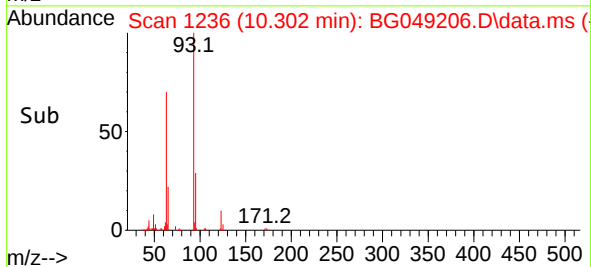
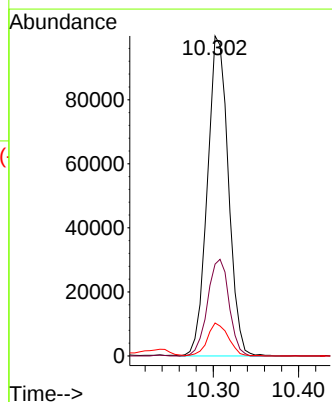
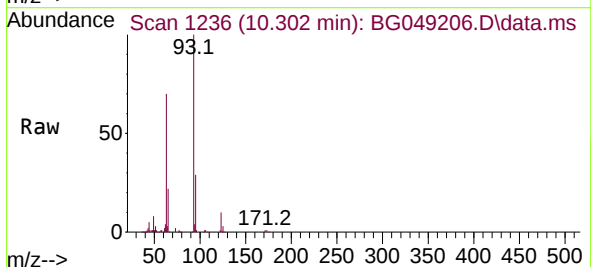
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

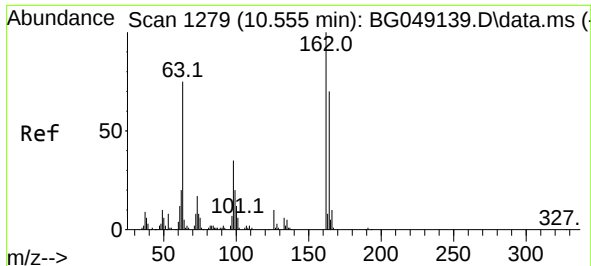
Tgt Ion:122 Resp: 130050
Ion Ratio Lower Upper
122 100
107 132.7 110.1 165.1
121 60.6 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.79 ng
RT: 10.302 min Scan# 1236
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 93 Resp: 170927
Ion Ratio Lower Upper
93 100
95 28.7 22.2 33.4
123 10.3 8.8 13.2

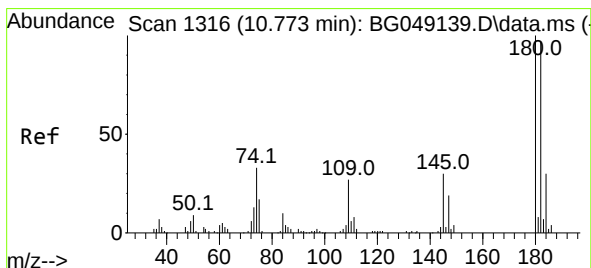
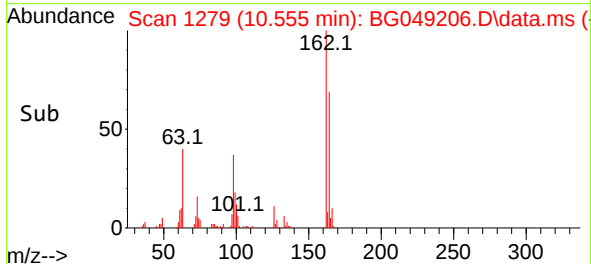
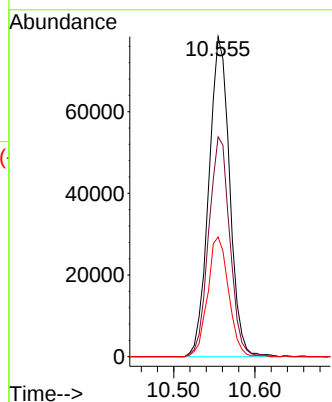
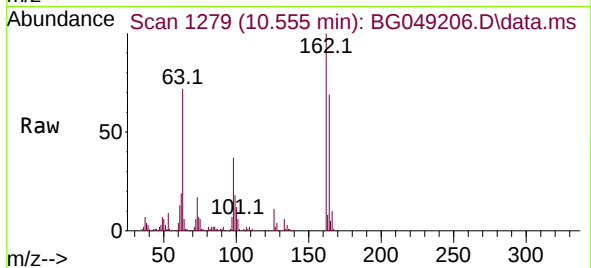




#29
2,4-Dichlorophenol
Concen: 46.51 ng
RT: 10.555 min Scan# 1279
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

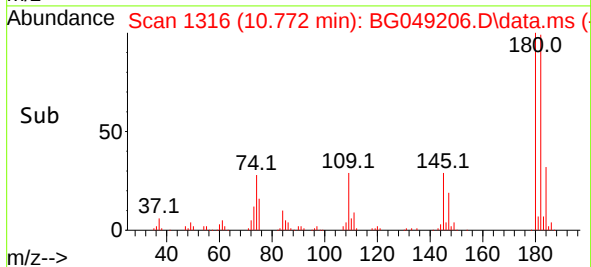
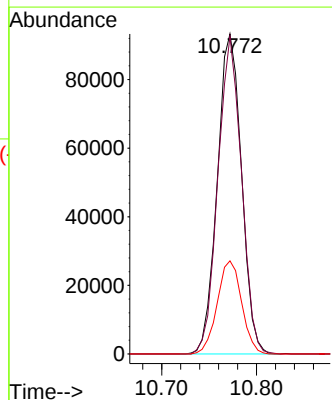
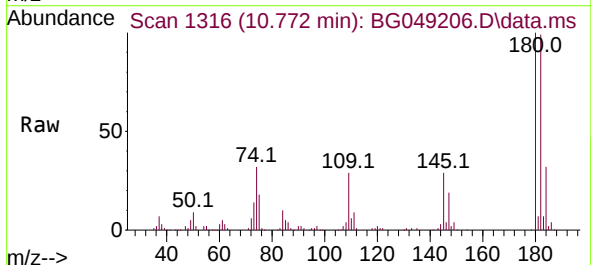
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

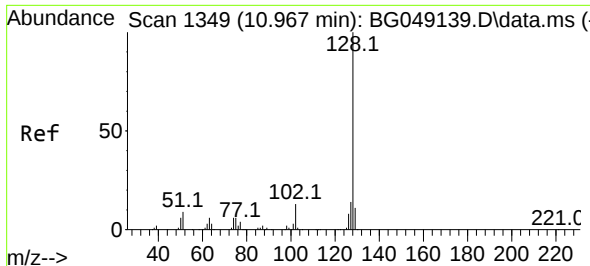
Tgt Ion:162 Resp: 139603
Ion Ratio Lower Upper
162 100
164 68.7 39.4 79.4
98 37.4 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 46.79 ng
RT: 10.772 min Scan# 1316
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:180 Resp: 165387
Ion Ratio Lower Upper
180 100
182 99.2 78.9 118.3
145 29.1 26.2 39.4

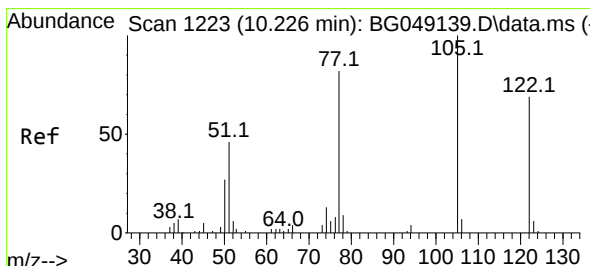
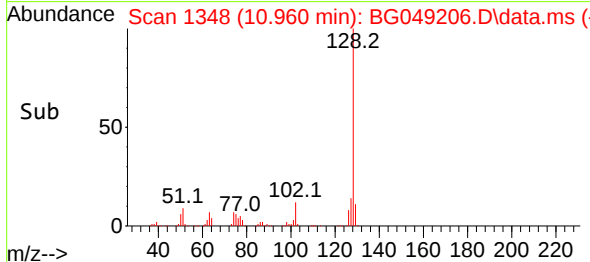
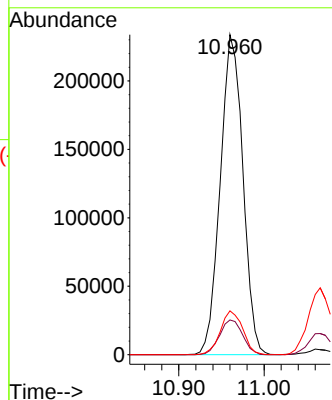
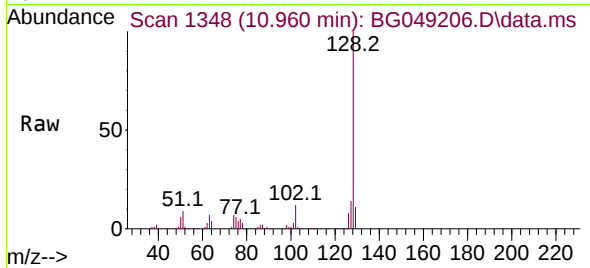




#31
Naphthalene
Concen: 45.14 ng
RT: 10.960 min Scan# 1348
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

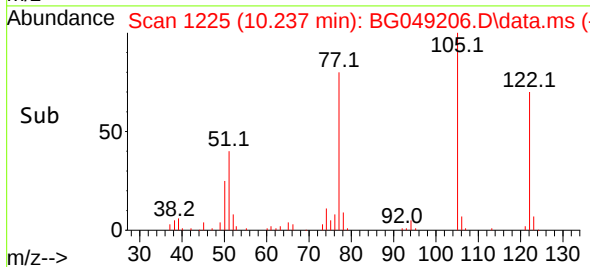
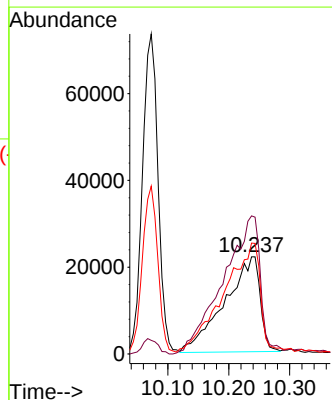
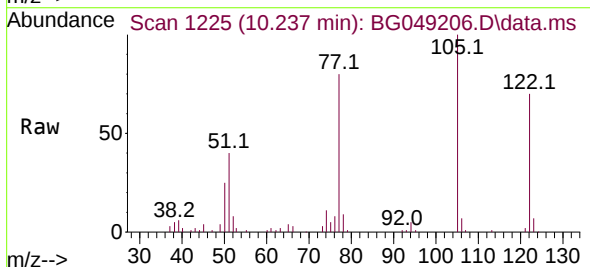
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

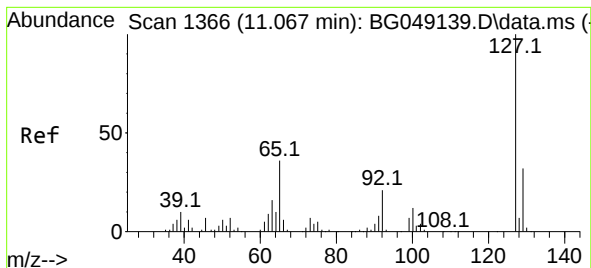
Tgt Ion:128 Resp: 430907
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.7 10.2 15.4



#32
Benzoic acid
Concen: 44.29 ng
RT: 10.237 min Scan# 1225
Delta R.T. 0.014 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:122 Resp: 88410
Ion Ratio Lower Upper
122 100
105 142.2 92.3 132.3#
77 114.2 66.5 106.5#

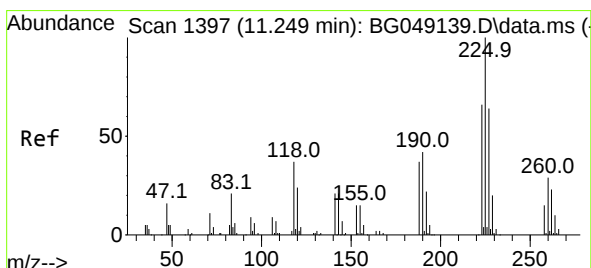
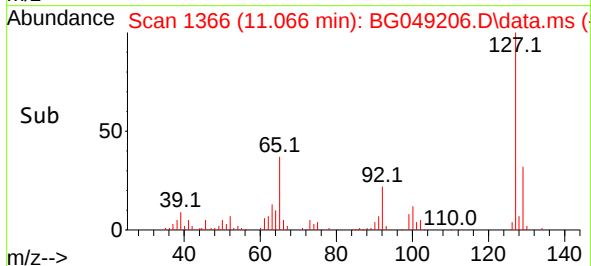
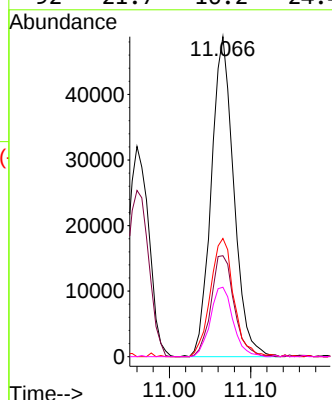
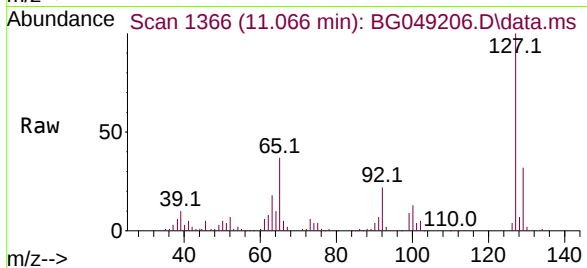




#33
4-Chloroaniline
Concen: 23.81 ng
RT: 11.066 min Scan# 1366
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

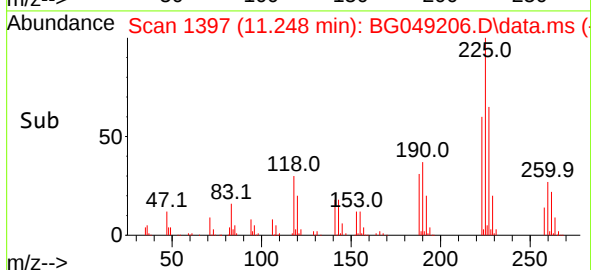
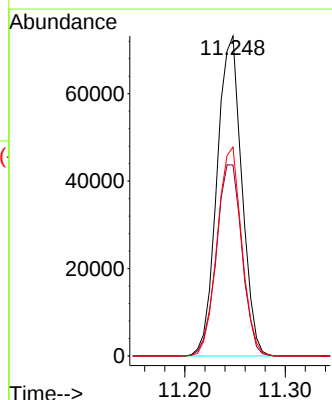
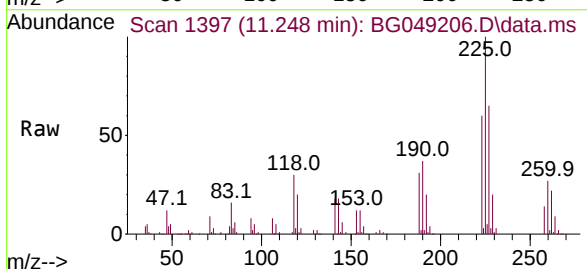
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

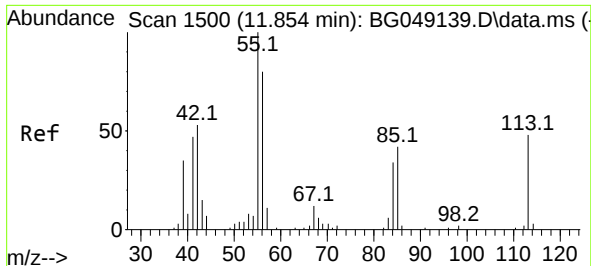
Tgt Ion:	127	Resp:	93993
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.7	40.1
65	37.0	32.8	49.2
92	21.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 48.04 ng
RT: 11.248 min Scan# 1397
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:	225	Resp:	125471
Ion Ratio	Lower	Upper	
225	100		
223	59.7	49.8	74.8
227	65.3	46.4	69.6

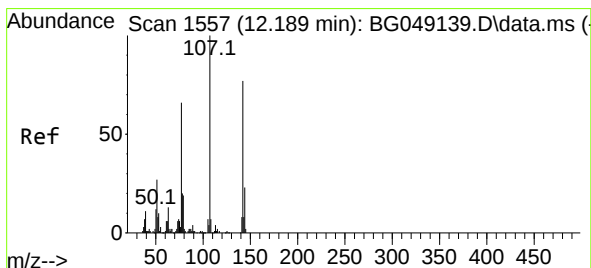
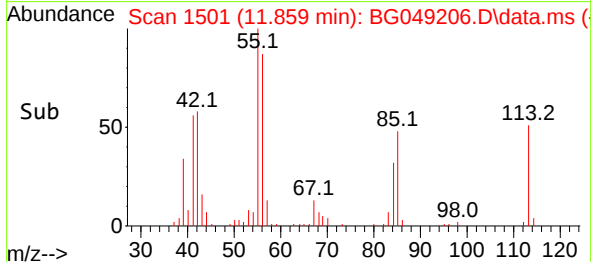
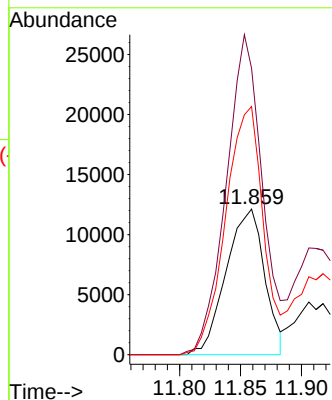
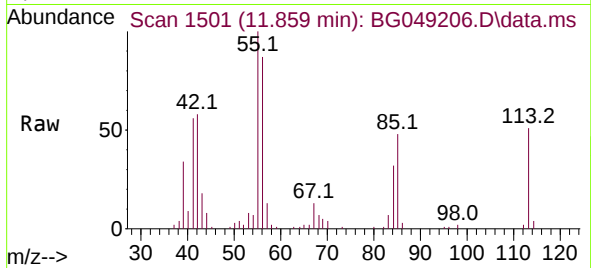




#35
Caprolactam
Concen: 28.00 ng
RT: 11.859 min Scan# 1501
Delta R.T. 0.014 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

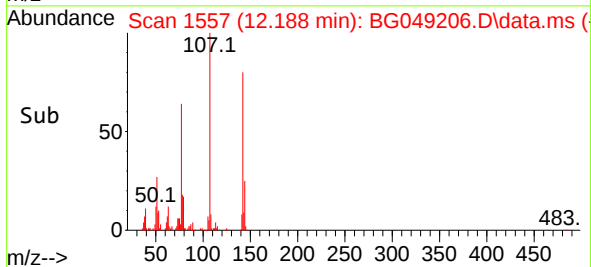
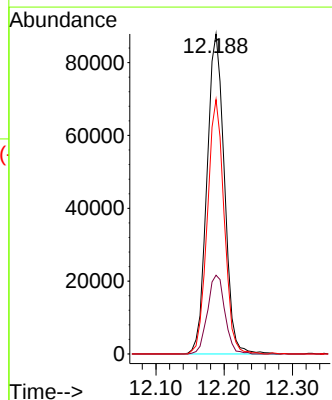
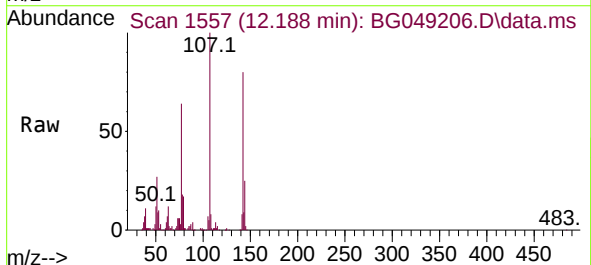
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

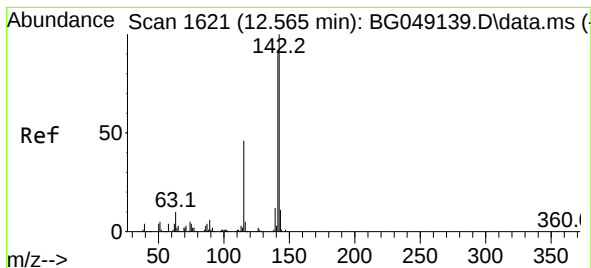
Tgt Ion:113 Resp: 26672
Ion Ratio Lower Upper
113 100
55 196.6 113.8 153.8#
56 170.4 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 45.19 ng
RT: 12.188 min Scan# 1557
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:107 Resp: 156070
Ion Ratio Lower Upper
107 100
144 24.6 24.8 37.2#
142 79.5 62.2 93.4

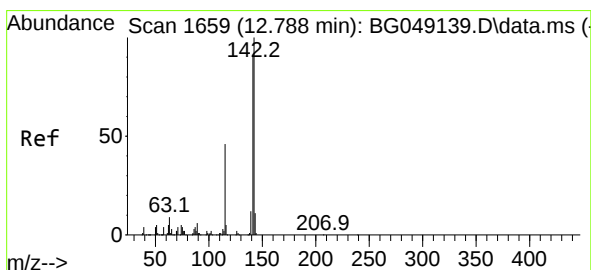
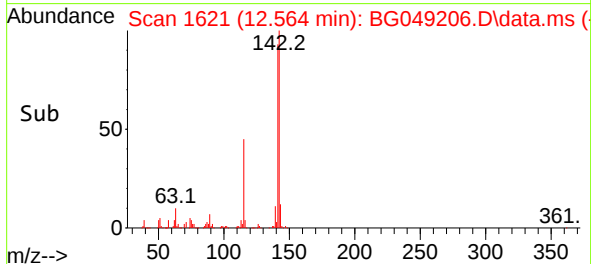
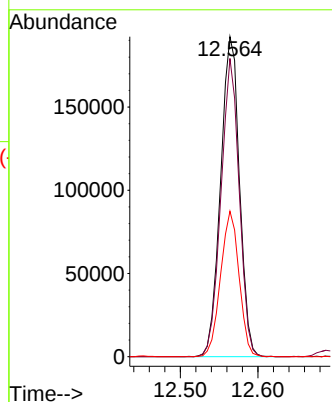
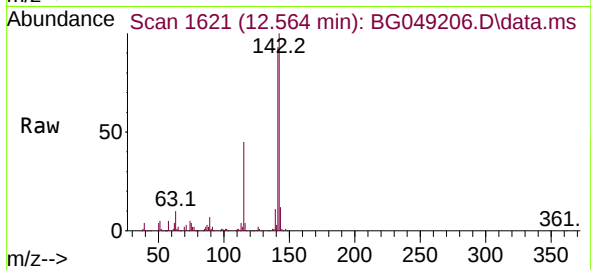




#37
2-Methylnaphthalene
Concen: 45.31 ng
RT: 12.564 min Scan# 1621
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

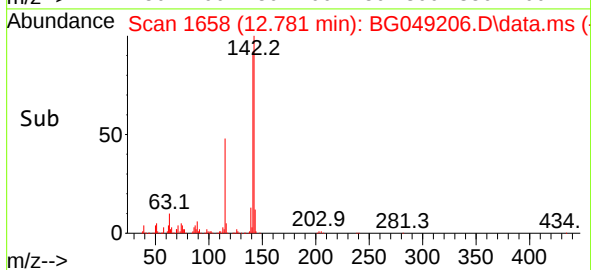
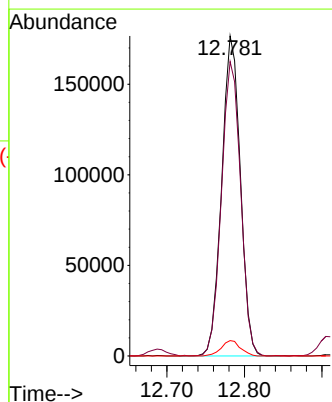
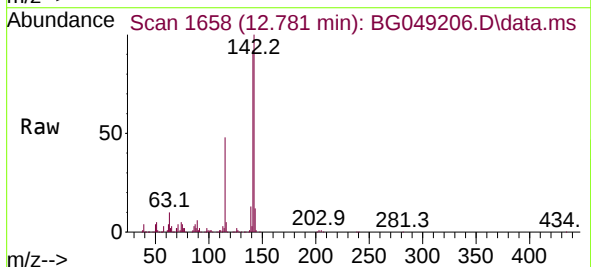
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

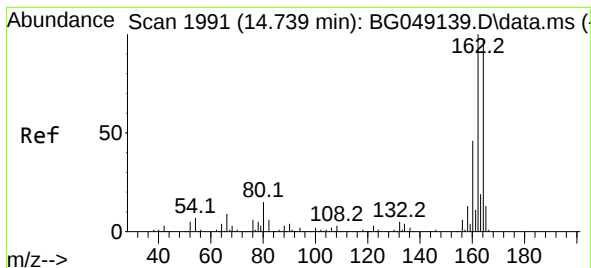
Tgt Ion:142 Resp: 325773
Ion Ratio Lower Upper
142 100
141 93.2 68.8 103.2
115 45.4 36.4 54.6



#38
1-Methylnaphthalene
Concen: 43.45 ng
RT: 12.781 min Scan# 1658
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:142 Resp: 295800
Ion Ratio Lower Upper
142 100
141 92.0 70.6 106.0
116 4.8 4.0 6.0

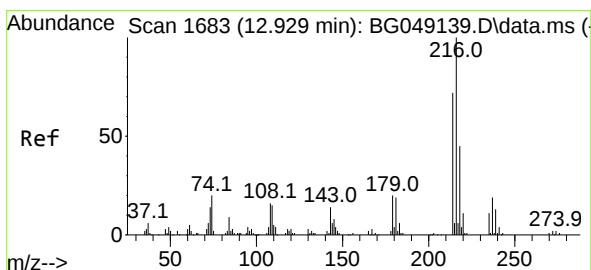
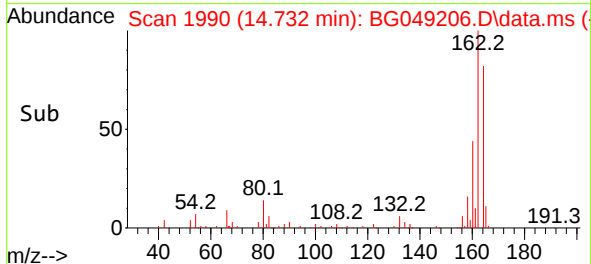
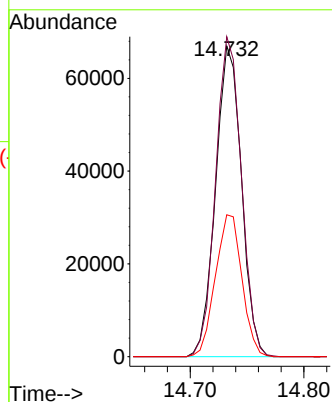
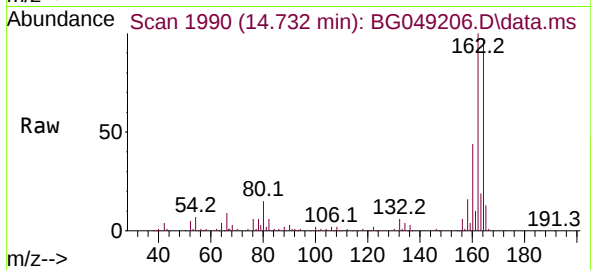




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.732 min Scan# 1990
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

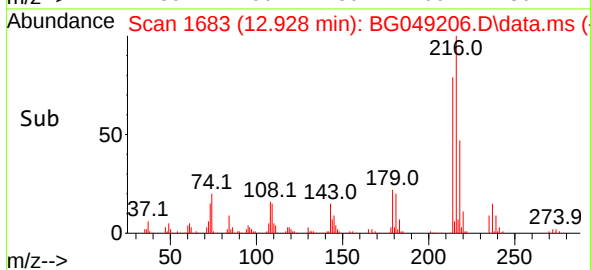
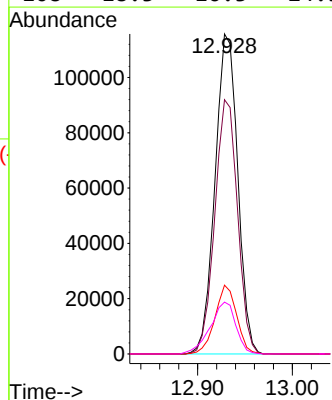
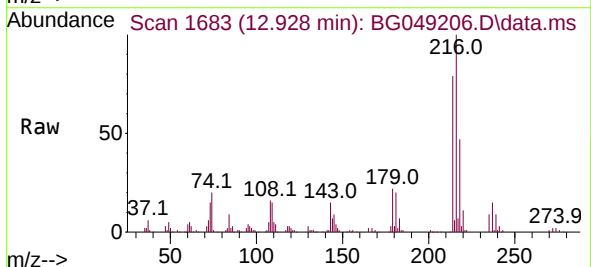
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

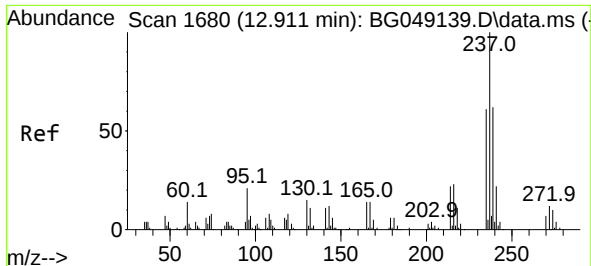
Tgt Ion:164 Resp: 106067
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.04 ng
RT: 12.928 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:216 Resp: 192549
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.2
179 20.5 17.3 25.9
108 18.3 16.3 24.5

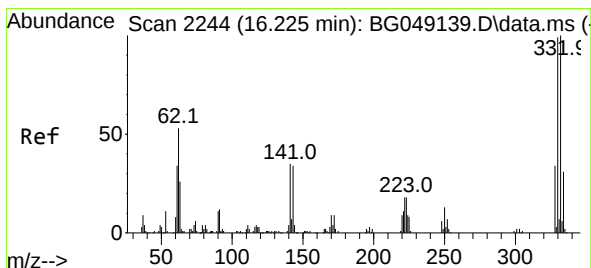
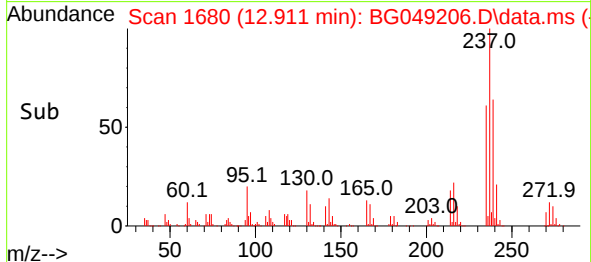
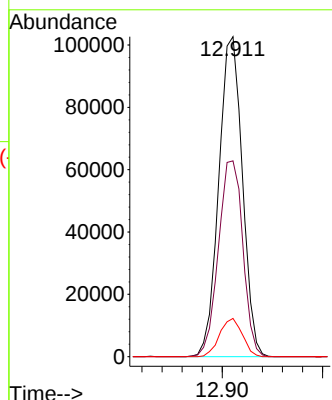
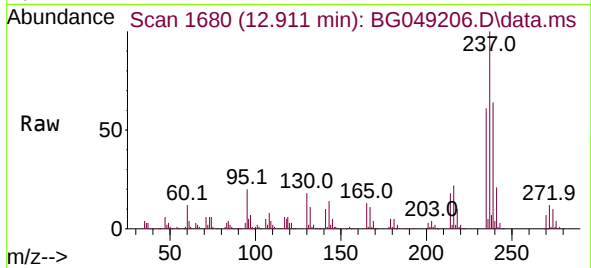




#41
Hexachlorocyclopentadiene
Concen: 76.37 ng
RT: 12.911 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

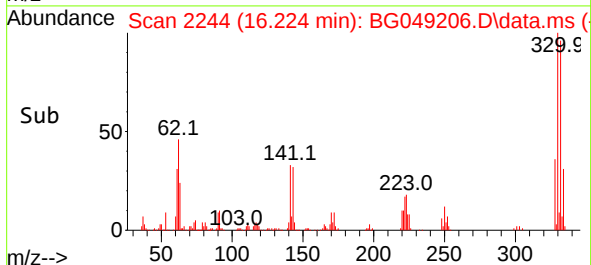
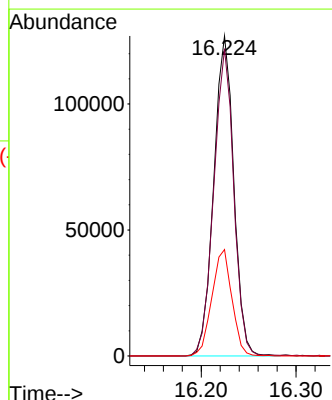
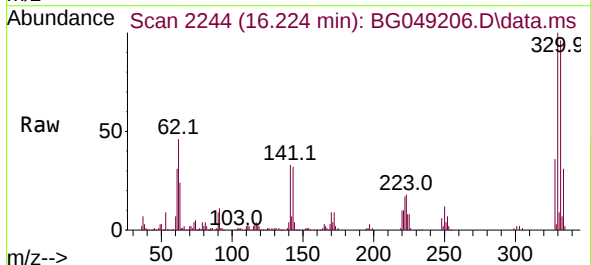
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

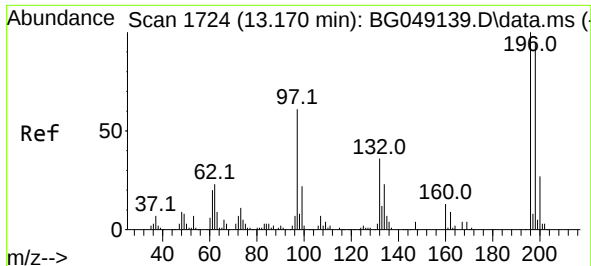
Tgt Ion:237 Resp: 167395
Ion Ratio Lower Upper
237 100
235 61.2 36.6 76.6
272 12.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 101.30 ng
RT: 16.224 min Scan# 2244
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:330 Resp: 186259
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.3 35.6 53.4#

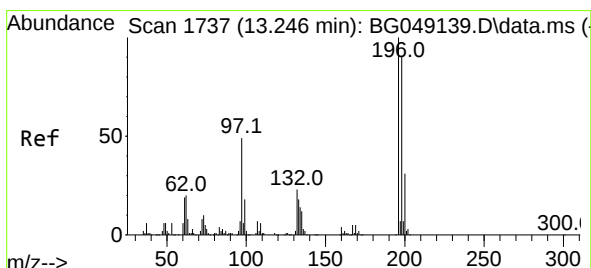
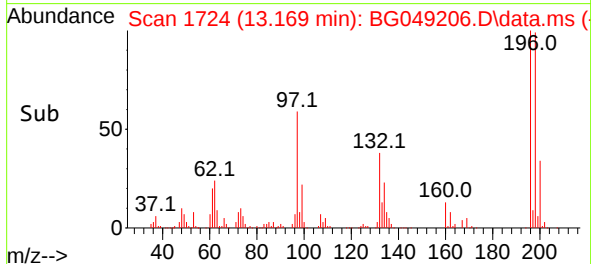
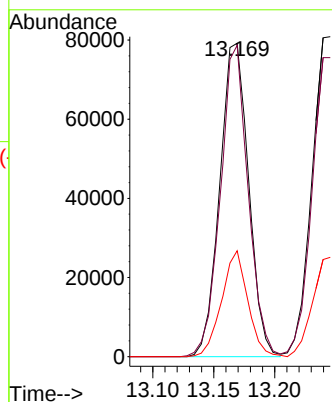
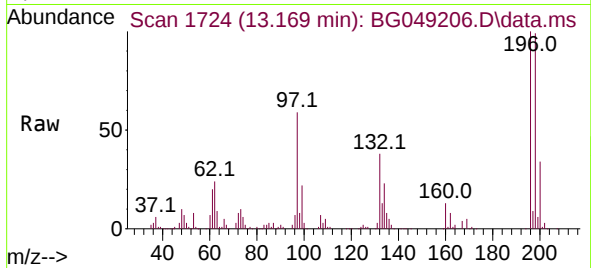




#43
2,4,6-Trichlorophenol
Concen: 51.08 ng
RT: 13.169 min Scan# 1724
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

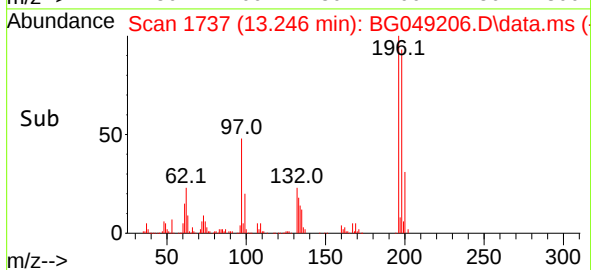
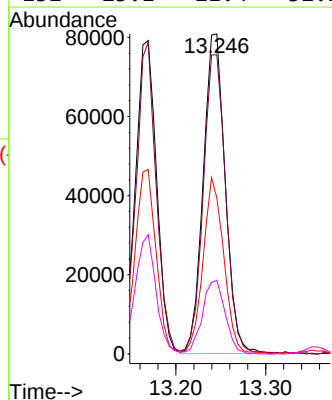
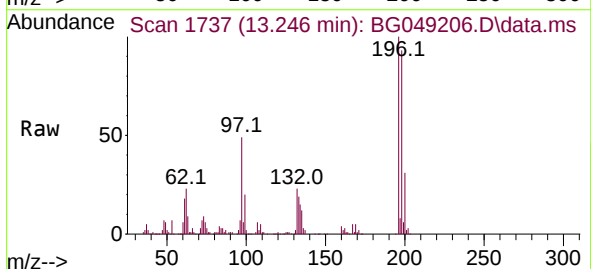
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

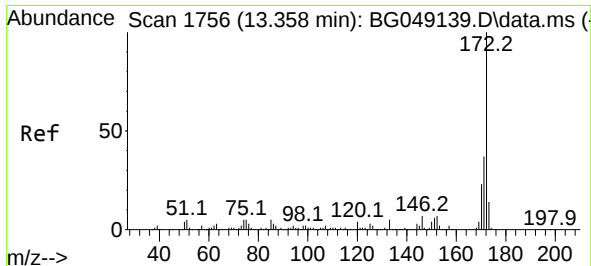
Tgt Ion:196 Resp: 130513
Ion Ratio Lower Upper
196 100
198 99.4 82.1 123.1
200 33.8 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 49.25 ng
RT: 13.246 min Scan# 1737
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:196 Resp: 137618
Ion Ratio Lower Upper
196 100
198 93.5 87.4 131.0
97 48.8 43.3 64.9
132 23.1 21.4 32.2

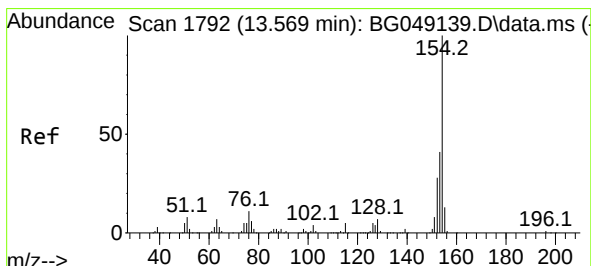
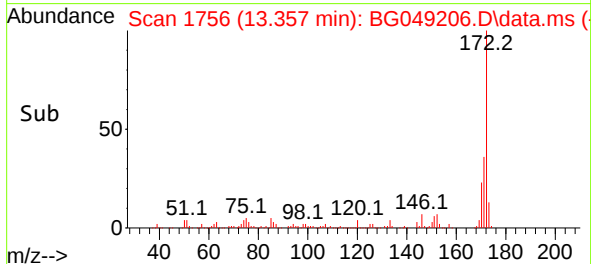
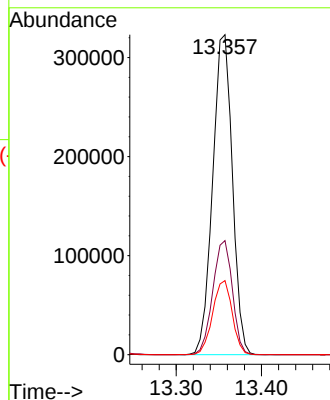
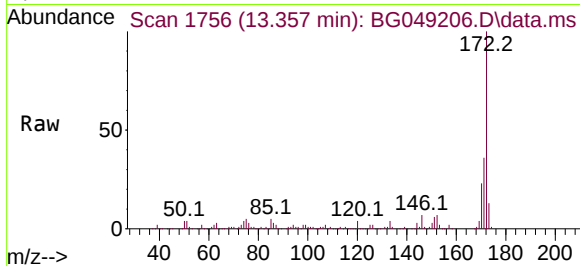




#45
2-Fluorobiphenyl
Concen: 65.89 ng
RT: 13.357 min Scan# 1756
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

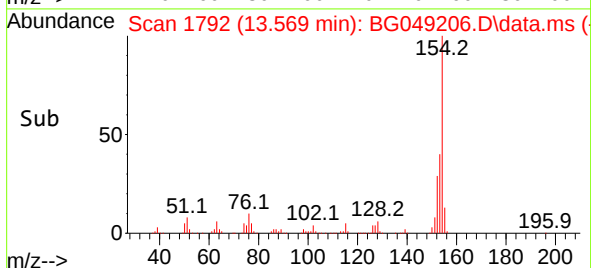
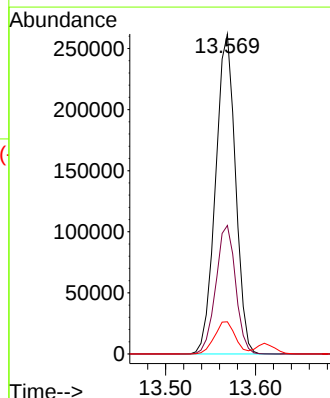
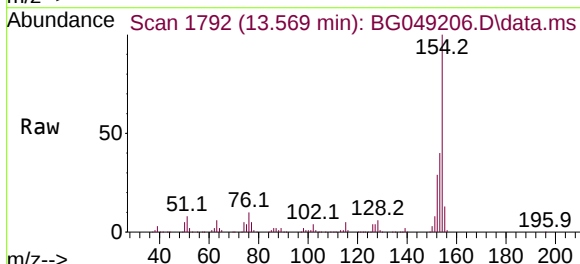
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

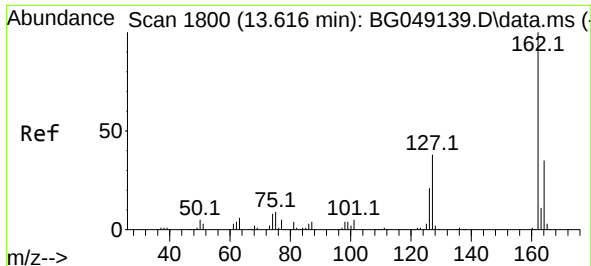
Tgt Ion:172	Resp: 517979
Ion Ratio	Lower Upper
172	100
171	35.6 28.6 43.0
170	23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.80 ng
RT: 13.569 min Scan# 1792
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:154	Resp: 402545
Ion Ratio	Lower Upper
154	100
153	40.2 20.5 60.5
76	10.1 0.0 29.3

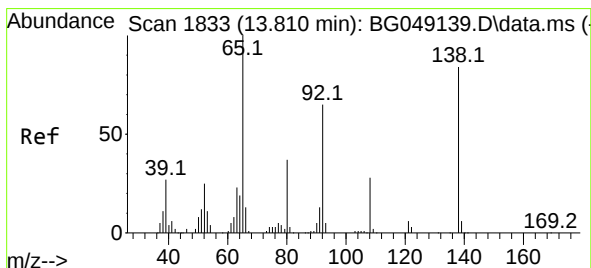
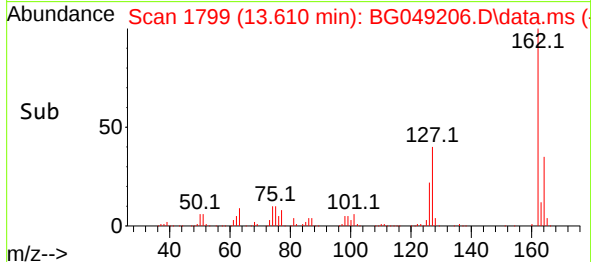
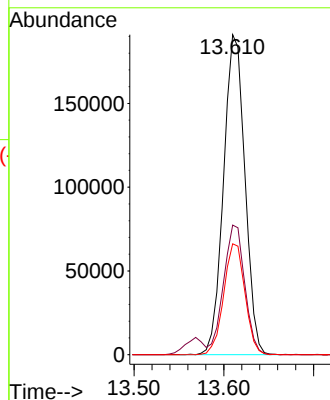
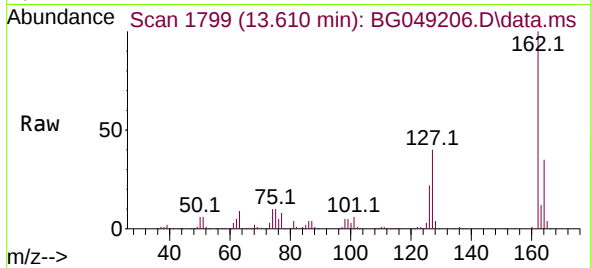




#47
2-Chloronaphthalene
Concen: 48.39 ng
RT: 13.610 min Scan# 1799
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

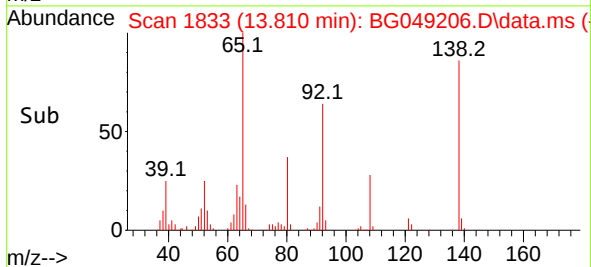
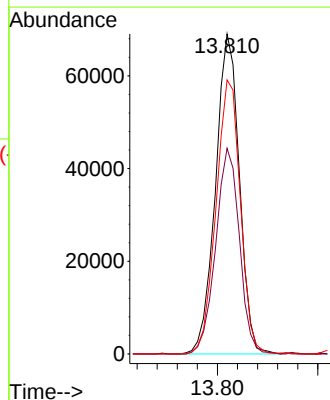
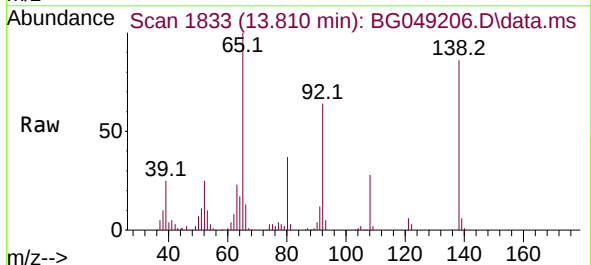
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

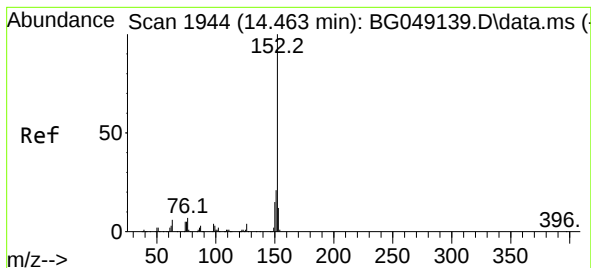
Tgt Ion:162 Resp: 315492
Ion Ratio Lower Upper
162 100
127 40.5 32.7 49.1
164 34.7 27.0 40.4



#48
2-Nitroaniline
Concen: 47.82 ng
RT: 13.810 min Scan# 1833
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion: 65 Resp: 113691
Ion Ratio Lower Upper
65 100
92 64.3 47.2 70.8
138 85.6 68.0 102.0

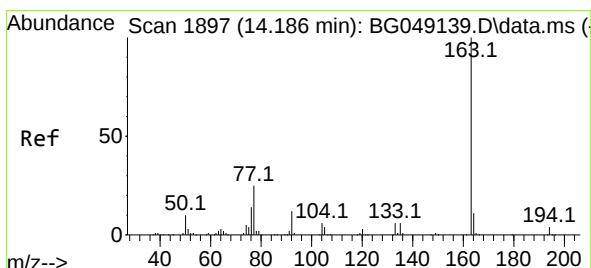
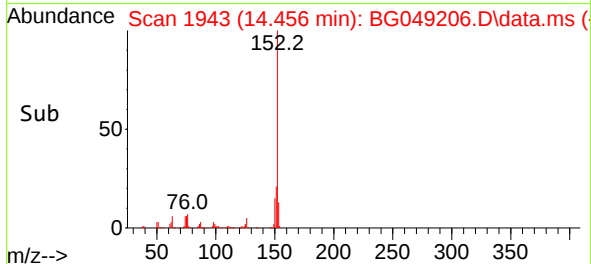
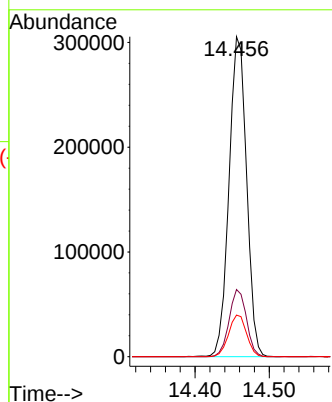
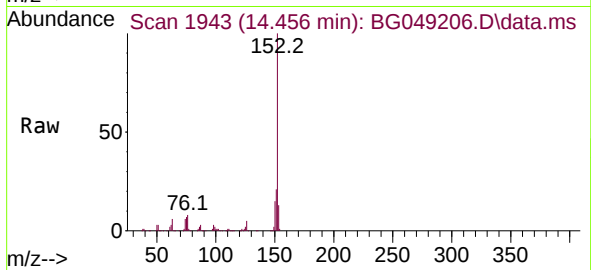




#49
Acenaphthylene
Concen: 48.79 ng
RT: 14.456 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

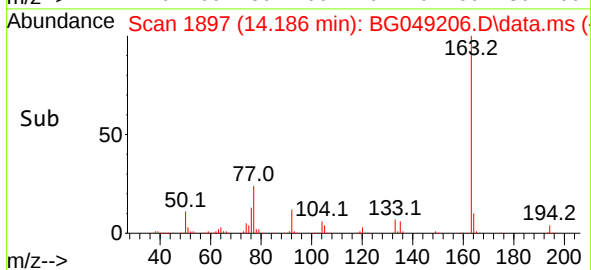
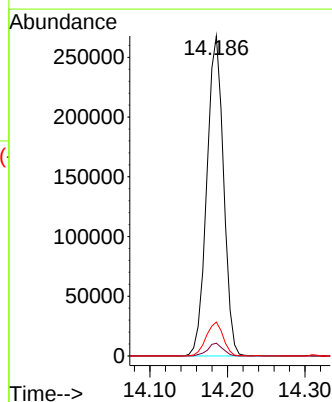
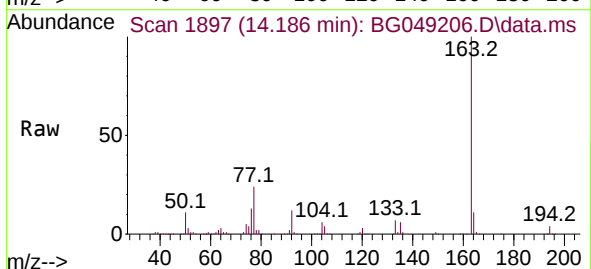
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

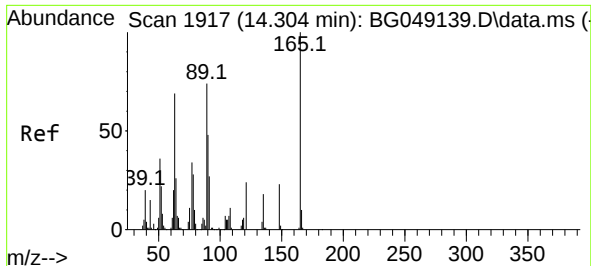
Tgt Ion:152 Resp: 501495
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.4
153 13.0 11.7 17.5



#50
Dimethylphthalate
Concen: 47.10 ng
RT: 14.186 min Scan# 1897
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:163 Resp: 400920
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.6 8.6 12.8

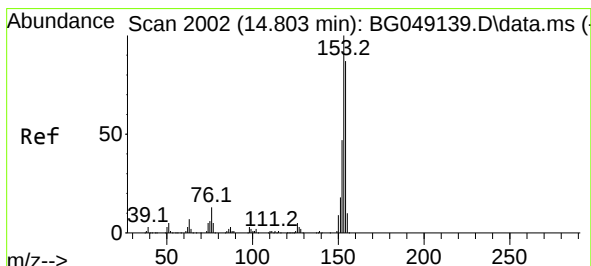
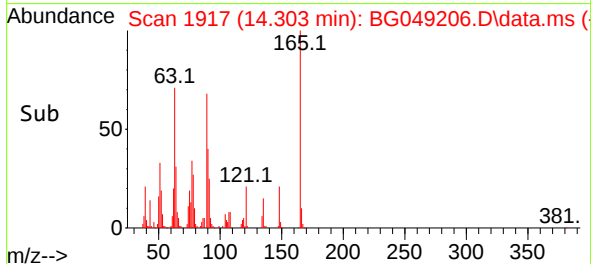
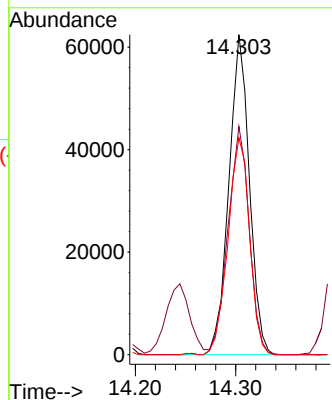
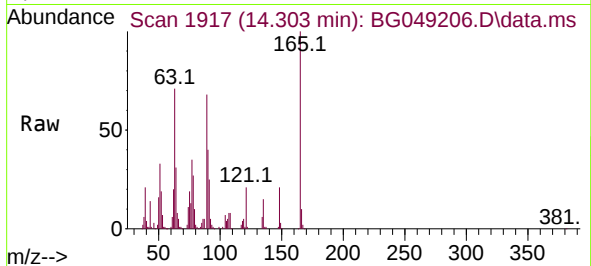




#51
2,6-Dinitrotoluene
Concen: 45.31 ng
RT: 14.303 min Scan# 1917
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

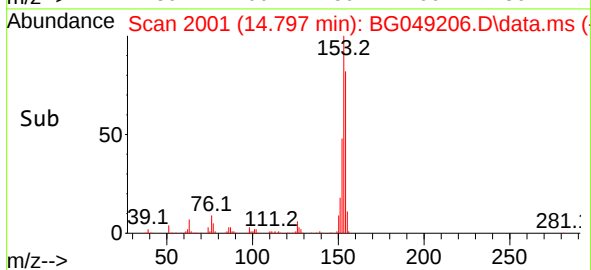
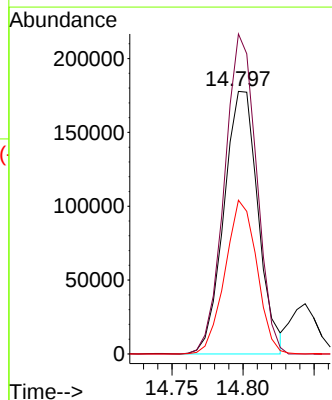
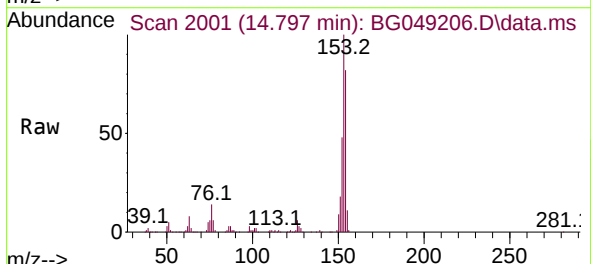
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

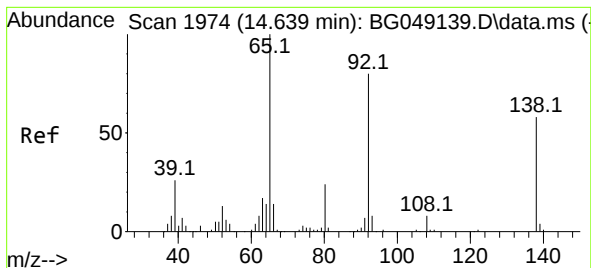
Tgt Ion:165 Resp: 88422
Ion Ratio Lower Upper
165 100
63 71.3 63.3 94.9
89 67.8 63.4 95.0



#52
Acenaphthene
Concen: 46.51 ng
RT: 14.797 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:154 Resp: 297961
Ion Ratio Lower Upper
154 100
153 121.9 87.0 130.4
152 58.6 40.1 60.1

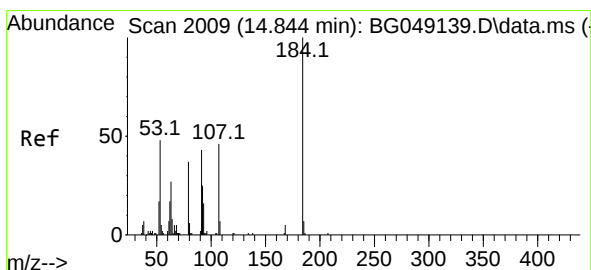
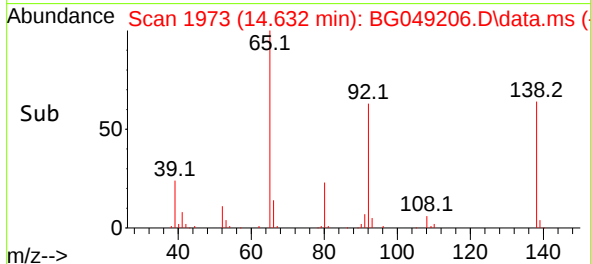
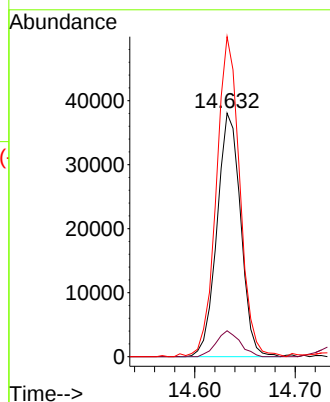
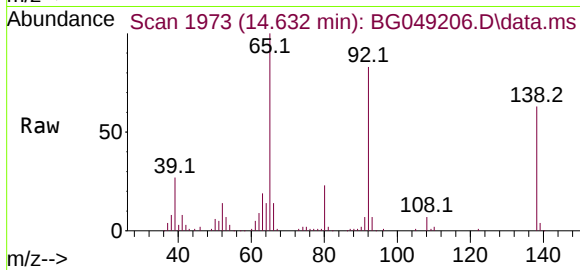




#53
3-Nitroaniline
Concen: 33.19 ng
RT: 14.632 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

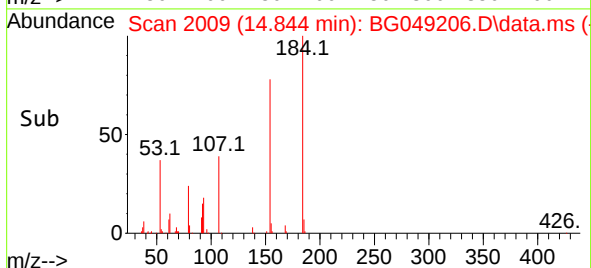
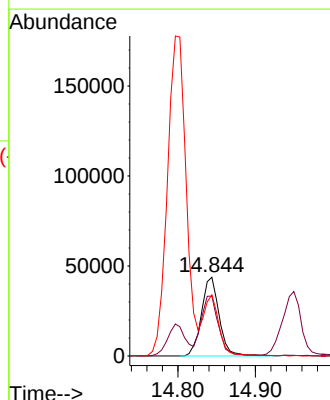
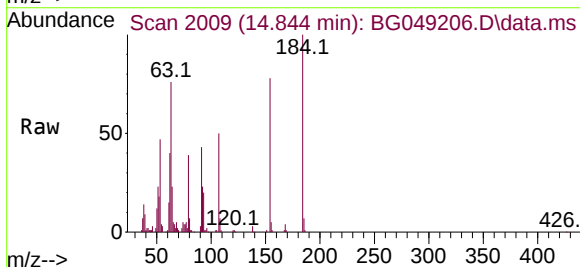
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

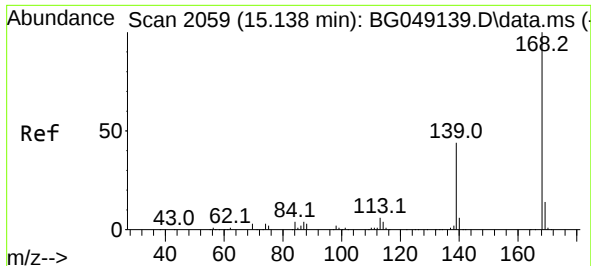
Tgt Ion:138 Resp: 62209
Ion Ratio Lower Upper
138 100
108 10.7 8.3 12.5
92 131.4 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 53.66 ng
RT: 14.844 min Scan# 2009
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:184 Resp: 69463
Ion Ratio Lower Upper
184 100
63 75.9 68.3 102.5
154 77.6 62.6 93.8

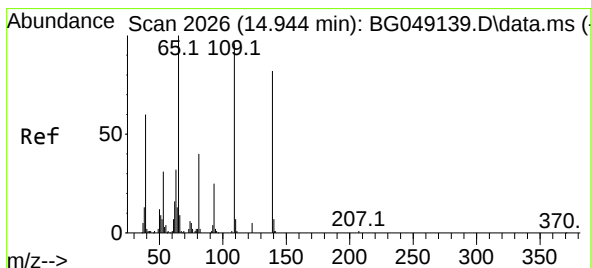
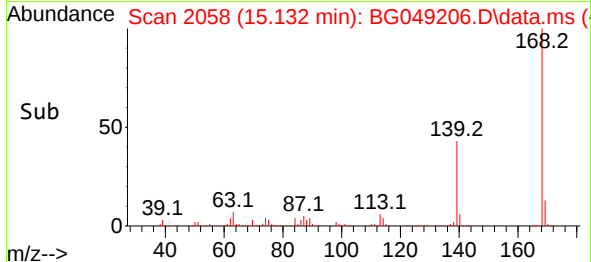
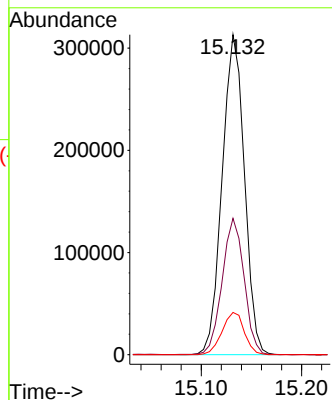
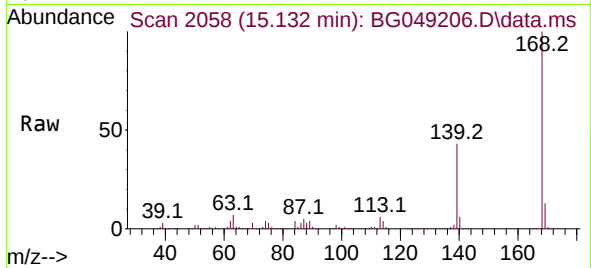




#55
Dibenzenofuran
Concen: 46.19 ng
RT: 15.132 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

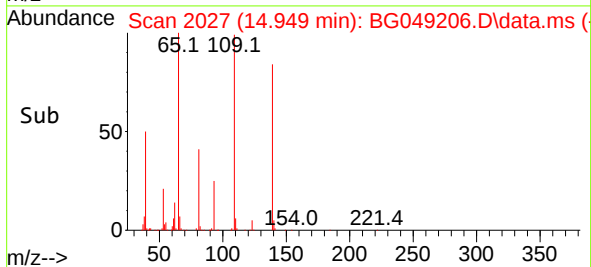
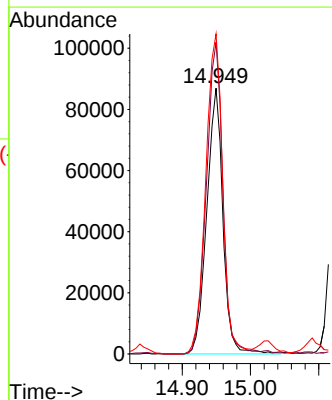
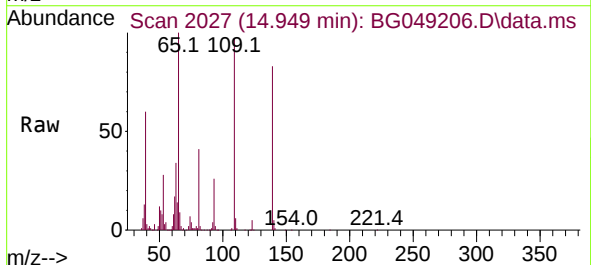
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

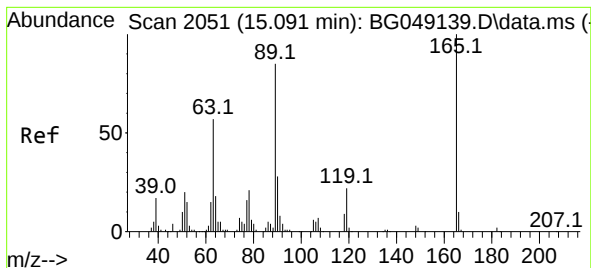
Tgt Ion:168 Resp: 481692
Ion Ratio Lower Upper
168 100
139 42.6 33.4 50.2
169 13.2 12.3 18.5



#56
4-Nitrophenol
Concen: 93.63 ng
RT: 14.949 min Scan# 2027
Delta R.T. 0.014 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

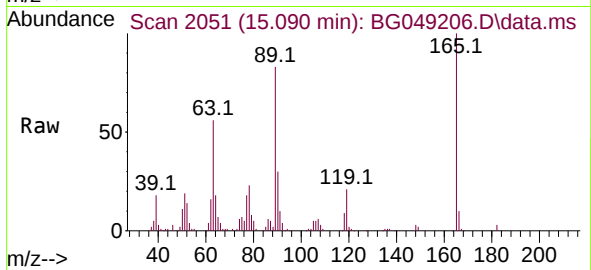
Tgt Ion:139 Resp: 143014
Ion Ratio Lower Upper
139 100
109 117.3 116.3 156.3
65 120.4 105.0 145.0



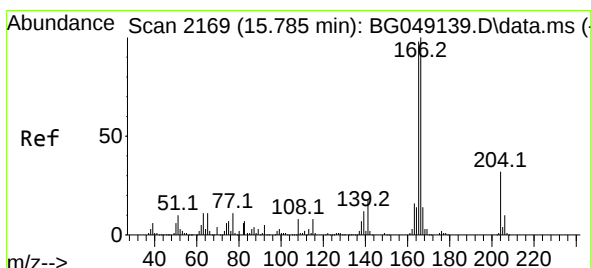
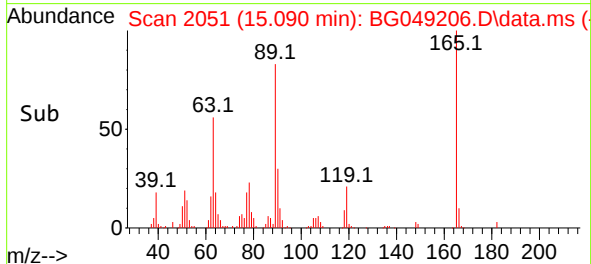
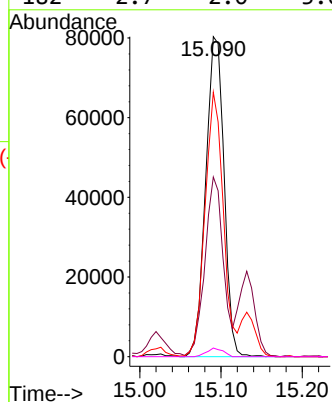


#57
2,4-Dinitrotoluene
Concen: 45.36 ng
RT: 15.090 min Scan# 2051
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

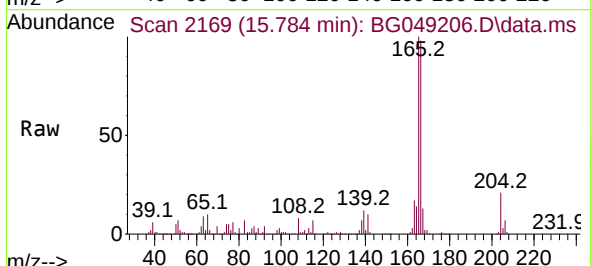
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS



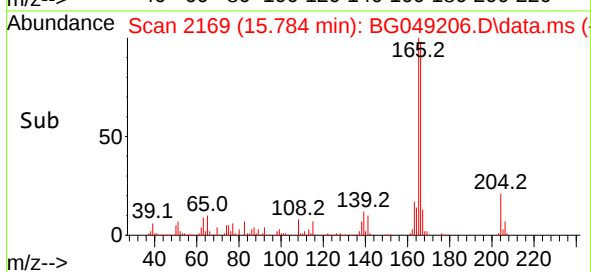
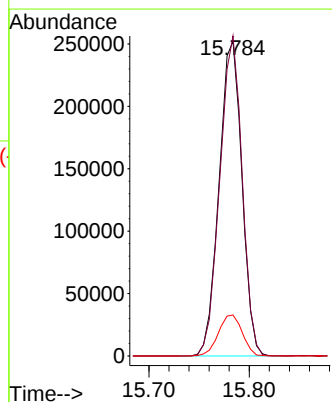
Tgt Ion:	165	Resp:	125733
Ion Ratio	Lower	Upper	
165	100		
63	56.2	48.0	72.0
89	82.6	65.4	98.0
182	2.7	2.0	3.0

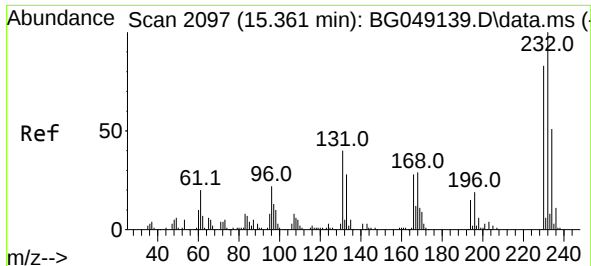


#58
Fluorene
Concen: 46.11 ng
RT: 15.784 min Scan# 2169
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29



Tgt Ion:	166	Resp:	397711
Ion Ratio	Lower	Upper	
166	100		
165	101.7	77.7	116.5
167	13.0	10.8	16.2

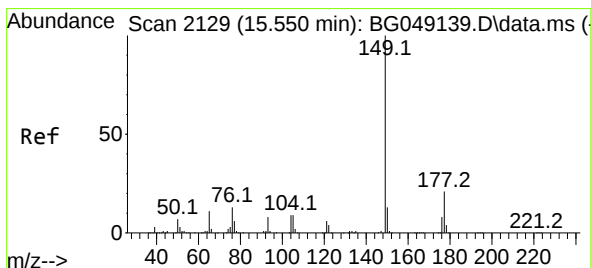
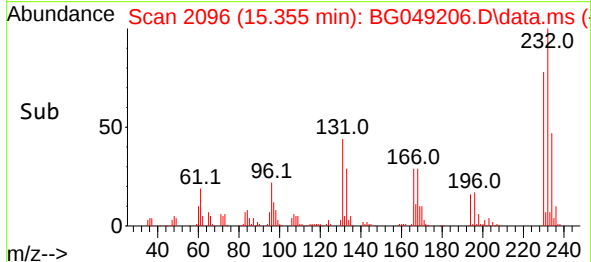
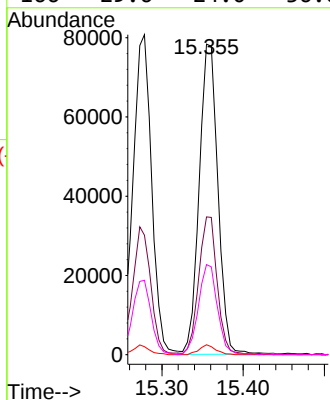
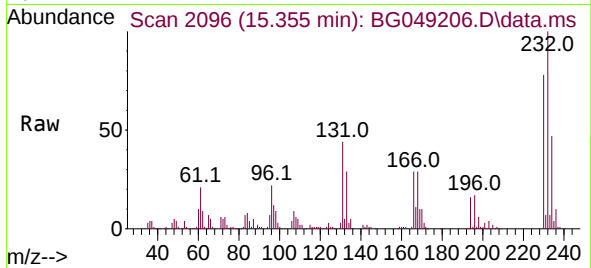




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.09 ng
RT: 15.355 min Scan# 2096
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

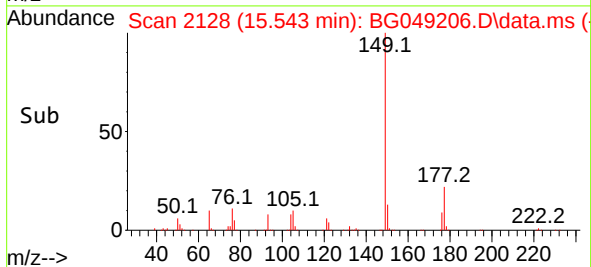
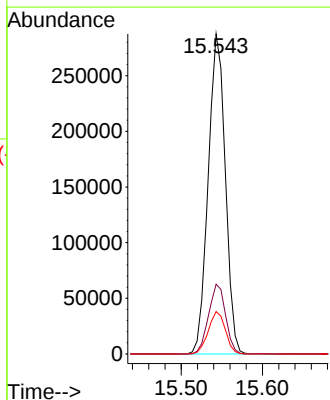
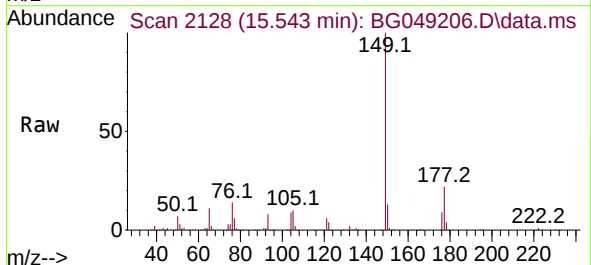
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

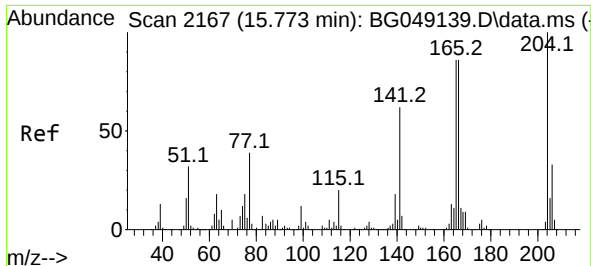
Tgt Ion:232 Resp: 125088
Ion Ratio Lower Upper
232 100
131 44.3 37.2 55.8
130 2.8 2.8 4.2
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 46.59 ng
RT: 15.543 min Scan# 2128
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:149 Resp: 420252
Ion Ratio Lower Upper
149 100
177 21.8 19.0 28.6
150 13.2 10.2 15.4

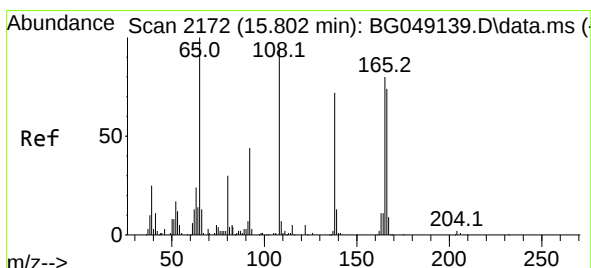
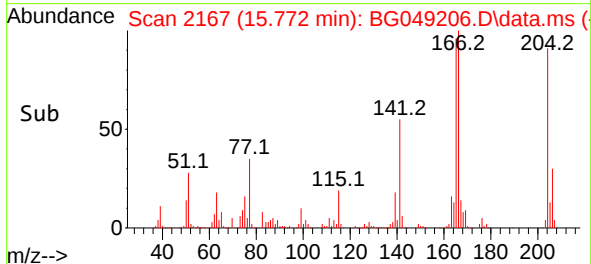
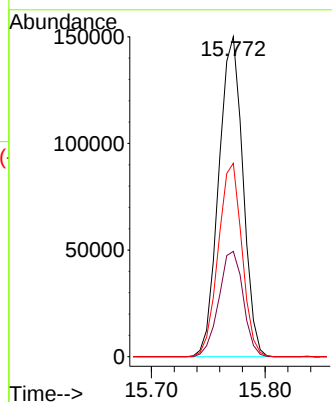
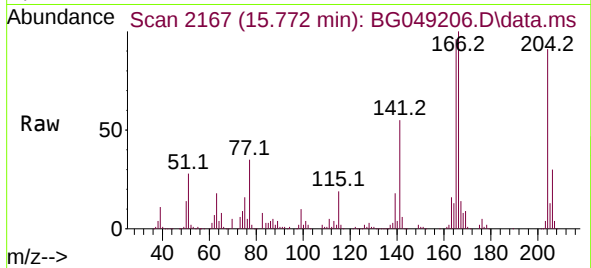




#61
4-Chlorophenyl-phenylether
Concen: 46.43 ng
RT: 15.772 min Scan# 2167
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

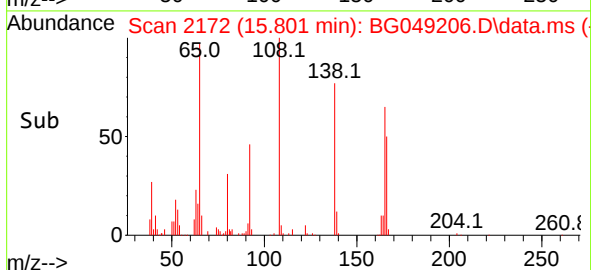
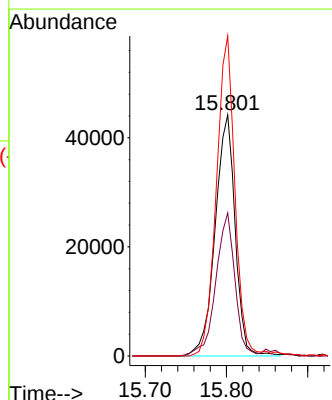
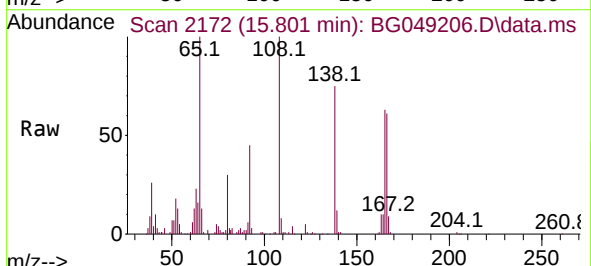
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

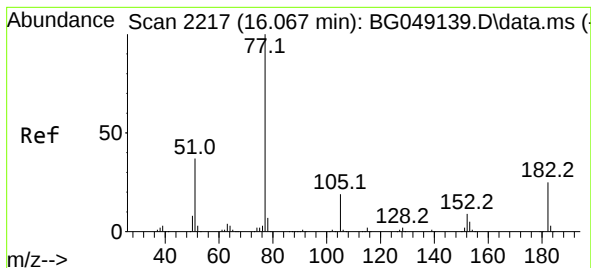
Tgt Ion:204 Resp: 221681
Ion Ratio Lower Upper
204 100
206 32.9 24.6 37.0
141 60.4 47.8 71.8



#62
4-Nitroaniline
Concen: 38.83 ng
RT: 15.801 min Scan# 2172
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:138 Resp: 75611
Ion Ratio Lower Upper
138 100
92 59.3 32.3 72.3
108 132.7 132.4 172.4

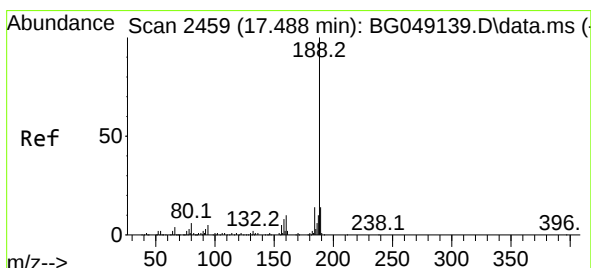
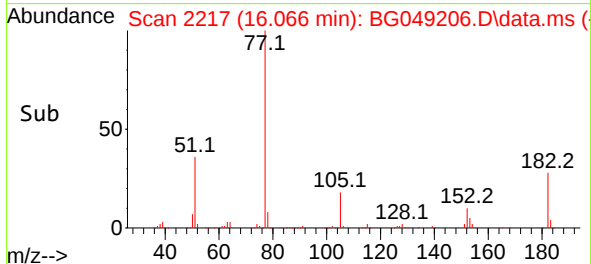
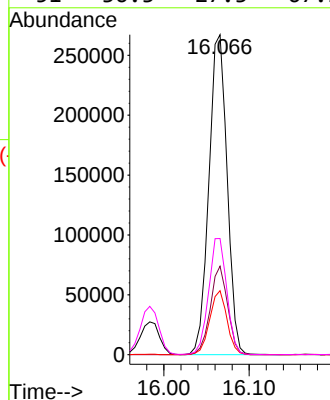
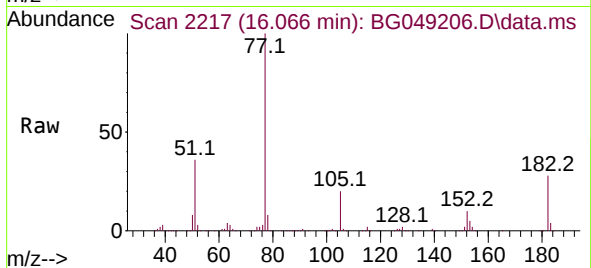




#63
Azobenzene
Concen: 43.57 ng
RT: 16.066 min Scan# 2217
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

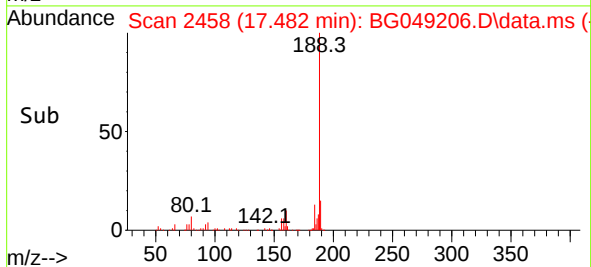
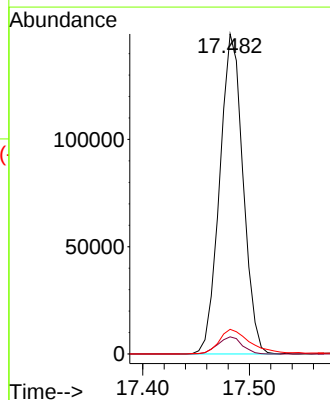
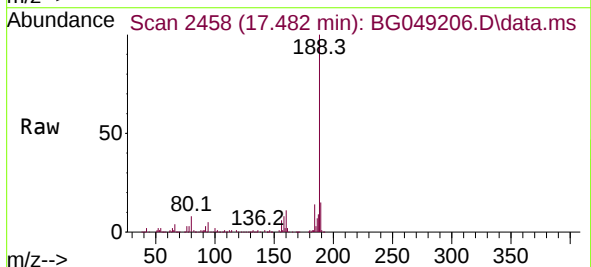
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

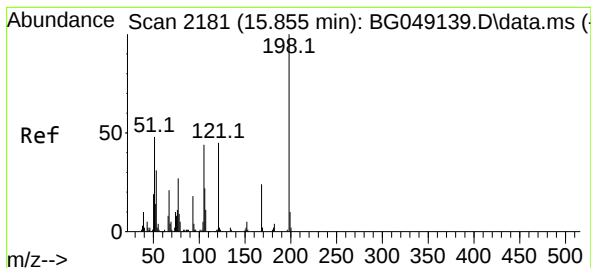
Tgt Ion: 77	Resp: 396240
Ion Ratio	Lower Upper
77 100	
182 27.7	7.9 47.9
105 20.0	0.0 37.9
51 36.3	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.482 min Scan# 2458
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:188	Resp: 227025
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0#
80 7.7	3.7 5.5#

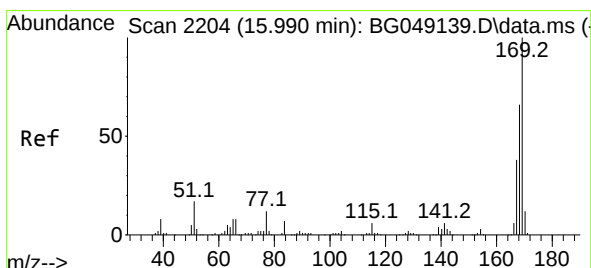
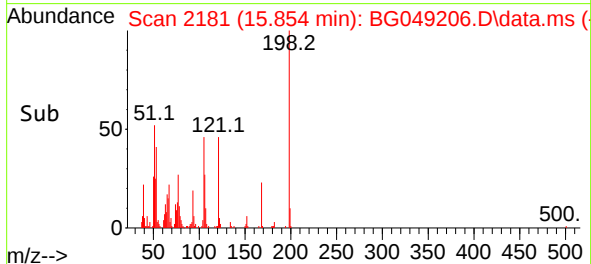
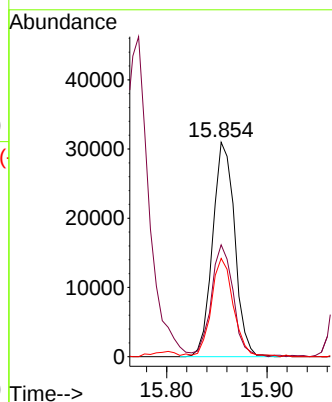
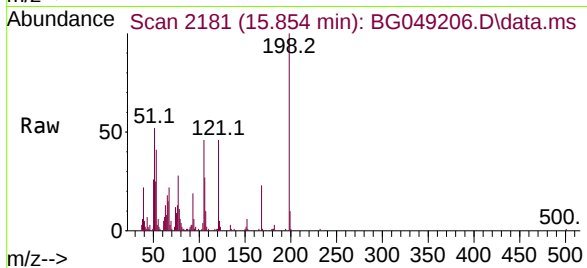




#65
4,6-Dinitro-2-methylphenol
Concen: 29.20 ng
RT: 15.854 min Scan# 2181
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

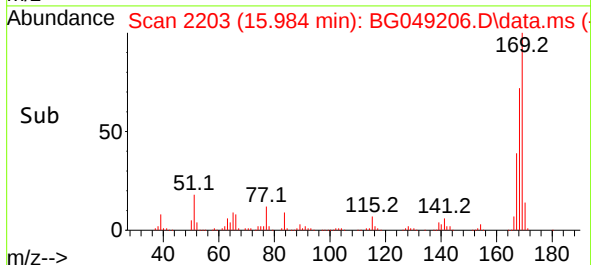
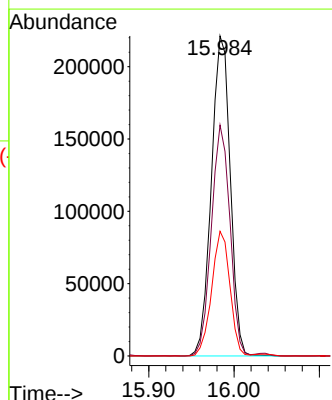
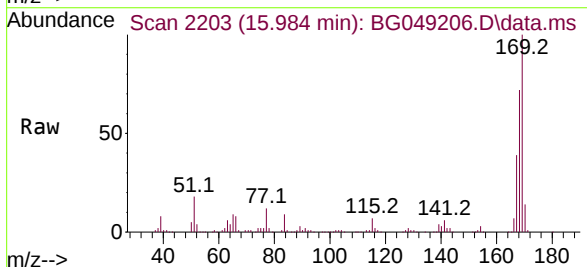
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

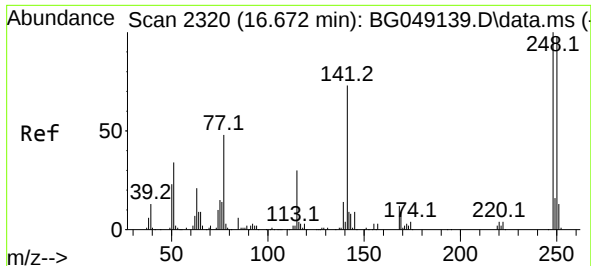
Tgt Ion:198 Resp: 47353
Ion Ratio Lower Upper
198 100
51 52.2 29.4 69.4
105 45.8 15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 47.93 ng
RT: 15.984 min Scan# 2203
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:169 Resp: 340282
Ion Ratio Lower Upper
169 100
168 72.1 56.3 84.5
167 39.0 28.4 42.6

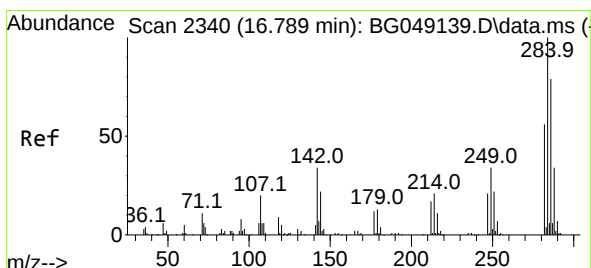
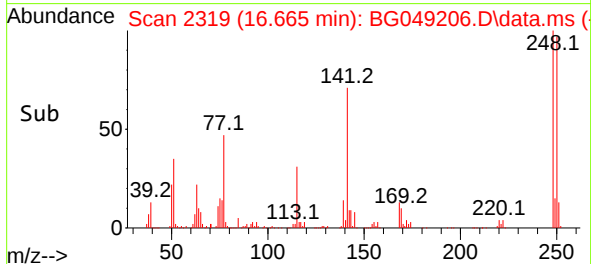
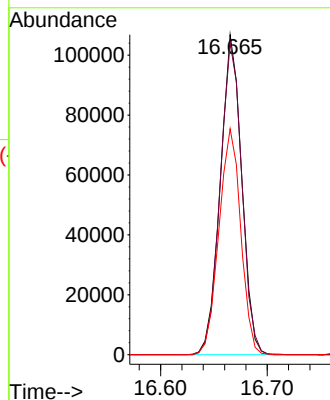
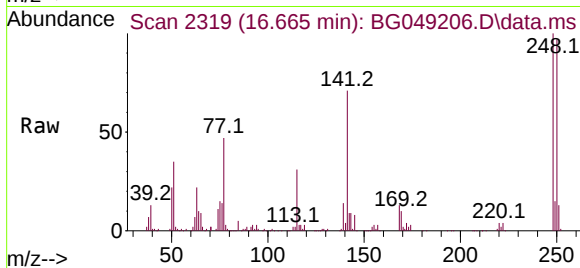




#67
4-Bromophenyl-phenylether
Concen: 48.49 ng
RT: 16.665 min Scan# 2319
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

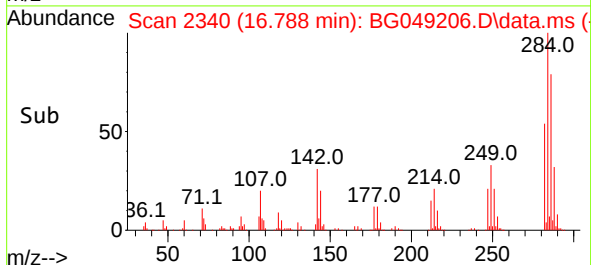
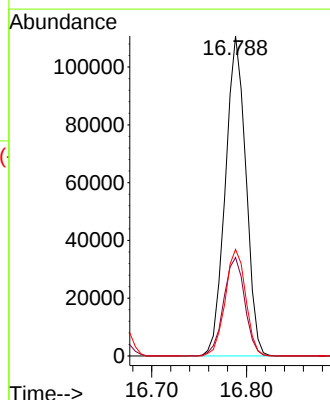
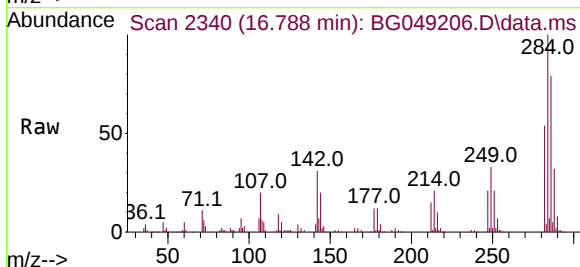
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

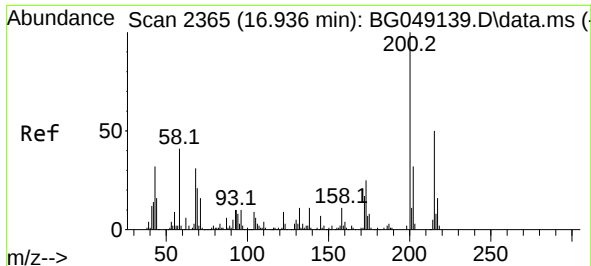
Tgt Ion:248 Resp: 148516
Ion Ratio Lower Upper
248 100
250 97.5 76.1 114.1
141 70.6 65.4 98.2



#68
Hexachlorobenzene
Concen: 49.12 ng
RT: 16.788 min Scan# 2340
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:284 Resp: 166329
Ion Ratio Lower Upper
284 100
142 30.7 27.0 40.6
249 33.3 28.2 42.2

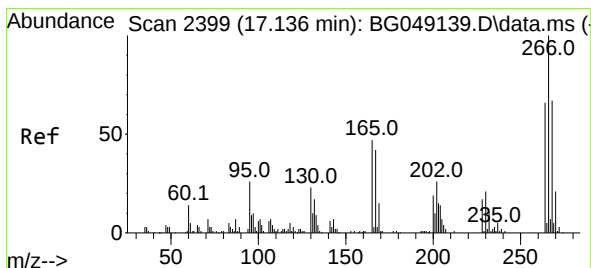
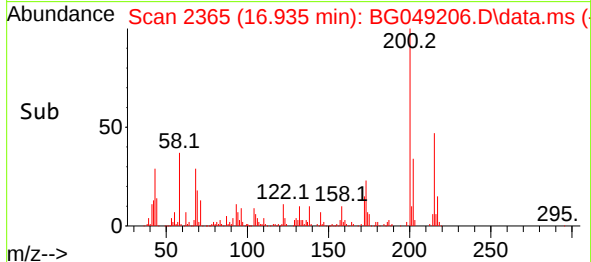
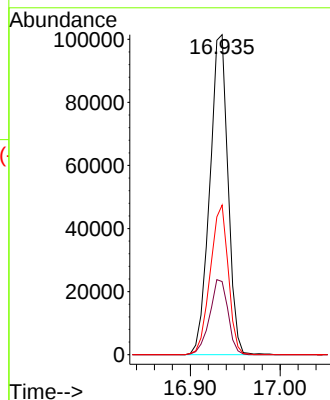
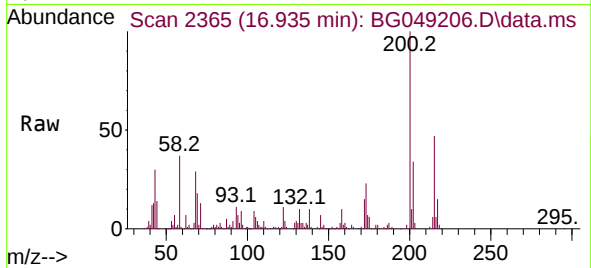




#69
Atrazine
Concen: 60.60 ng
RT: 16.935 min Scan# 2365
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

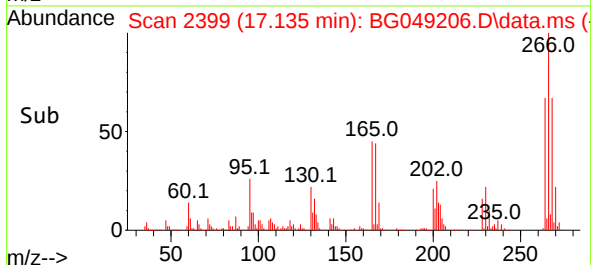
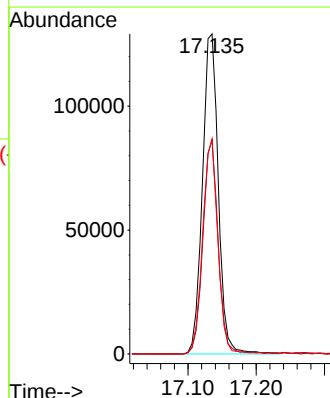
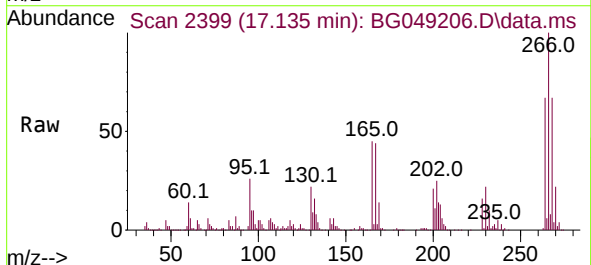
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

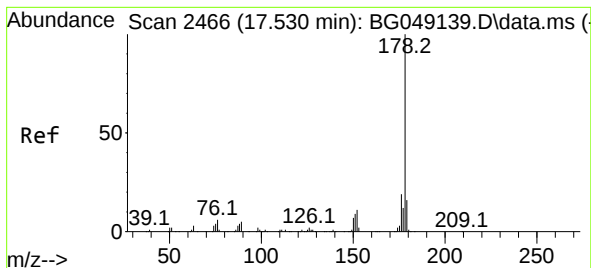
Tgt Ion:200 Resp: 142889
Ion Ratio Lower Upper
200 100
173 22.9 3.7 43.7
215 46.8 26.9 66.9



#70
Pentachlorophenol
Concen: 106.07 ng
RT: 17.135 min Scan# 2399
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:266 Resp: 209057
Ion Ratio Lower Upper
266 100
268 66.9 49.0 73.4
264 67.2 49.0 73.6

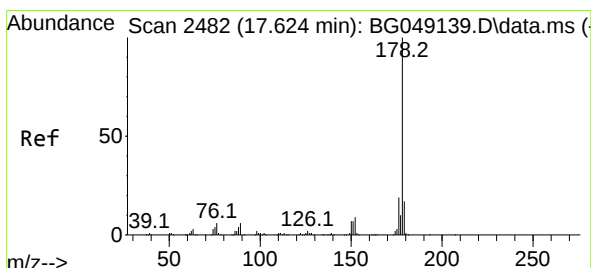
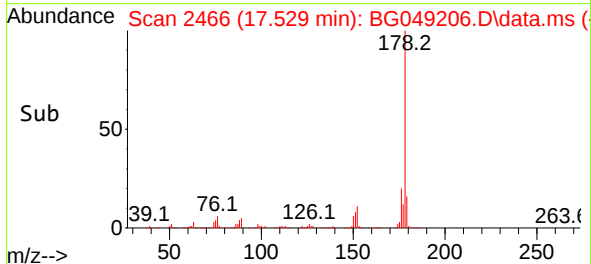
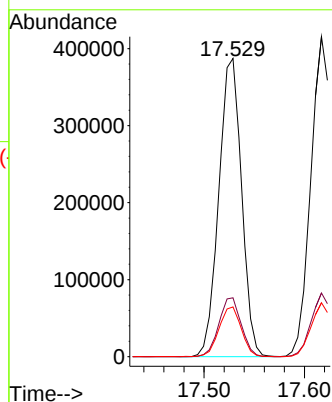
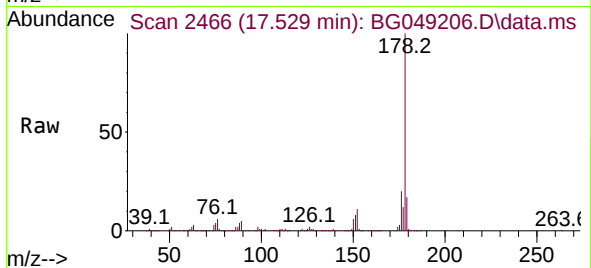




#71
Phenanthrene
Concen: 46.58 ng
RT: 17.529 min Scan# 2466
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

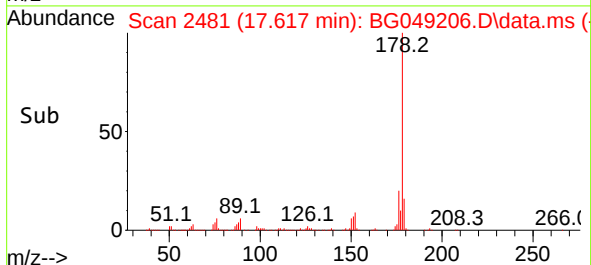
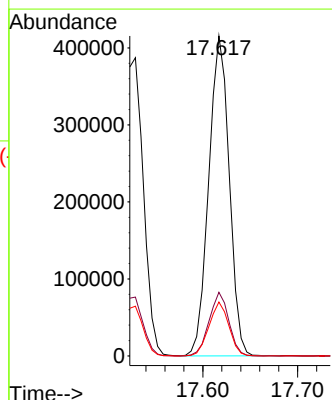
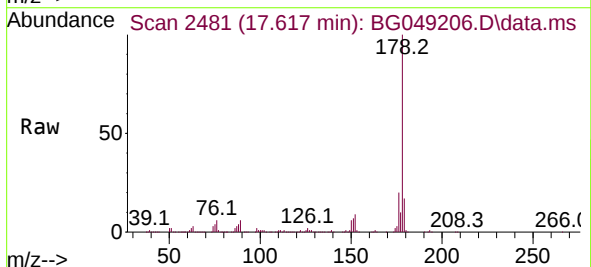
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

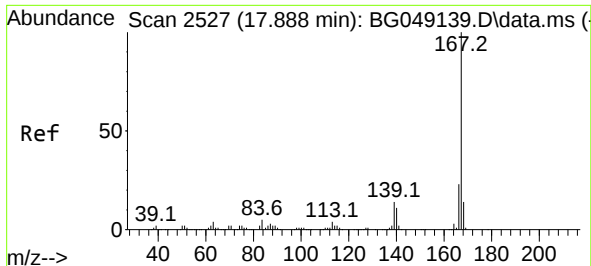
Tgt Ion:178 Resp: 608920
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.7 14.2 21.4



#72
Anthracene
Concen: 47.85 ng
RT: 17.617 min Scan# 2481
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:178 Resp: 623577
Ion Ratio Lower Upper
178 100
176 19.9 14.6 21.8
179 16.8 13.4 20.0

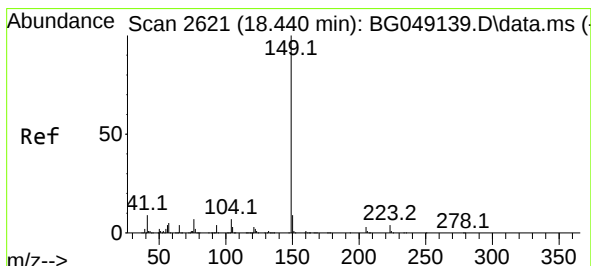
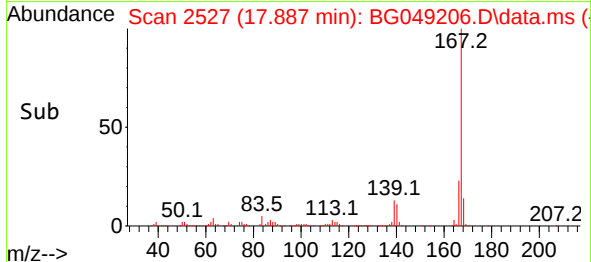
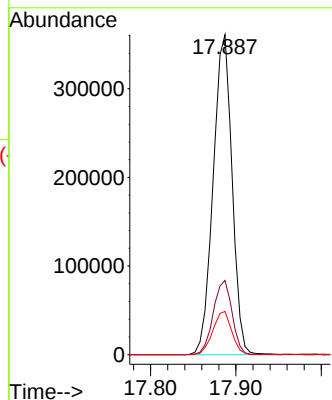
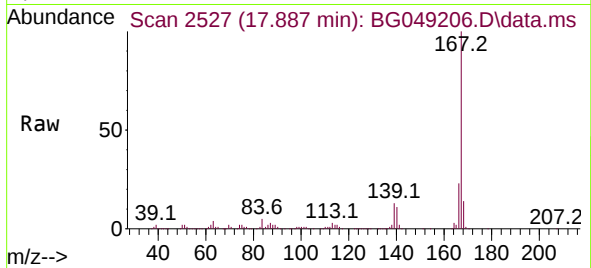




#73
 Carbazole
 Concen: 44.83 ng
 RT: 17.887 min Scan# 2527
 Delta R.T. 0.008 min
 Lab File: BG049206.D
 Acq: 7 Jul 2021 19:29

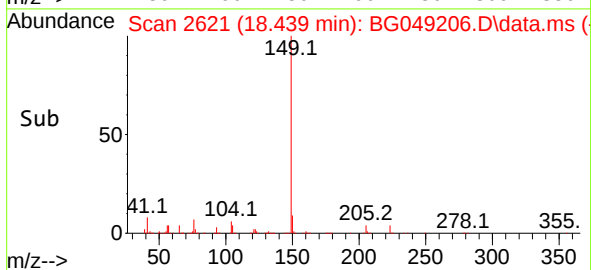
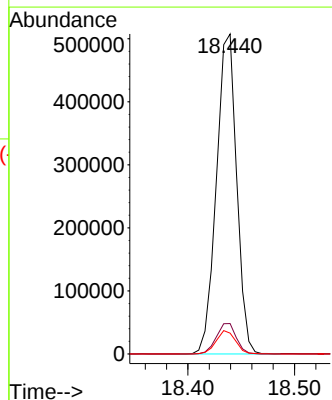
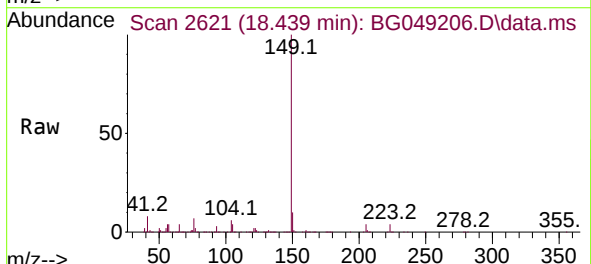
Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMS

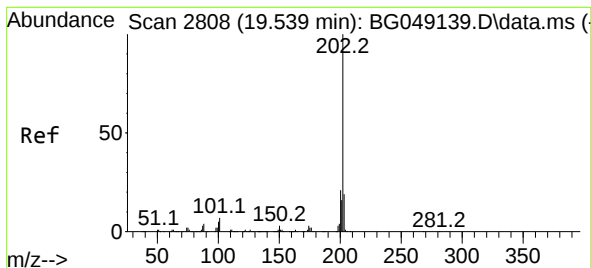
Tgt Ion:167 Resp: 556994
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.2
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 46.80 ng
 RT: 18.439 min Scan# 2621
 Delta R.T. 0.008 min
 Lab File: BG049206.D
 Acq: 7 Jul 2021 19:29

Tgt Ion:149 Resp: 668582
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.5 6.6 10.0#

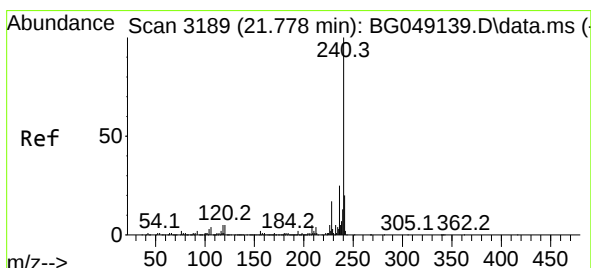
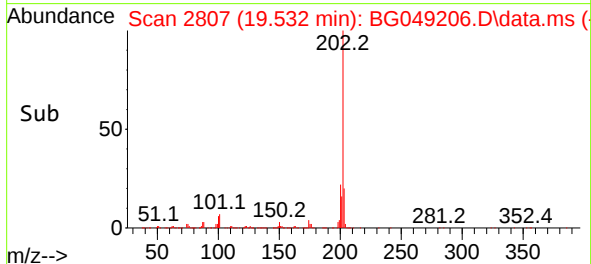
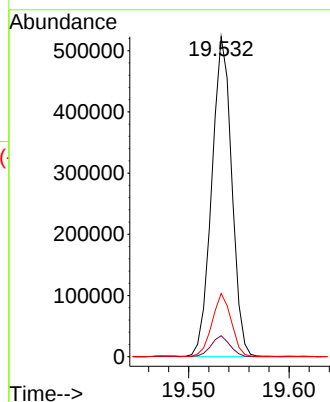
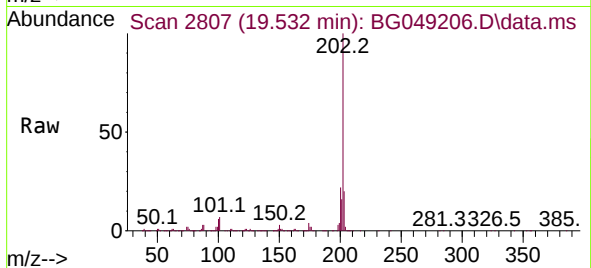




#75
Fluoranthene
Concen: 44.08 ng
RT: 19.532 min Scan# 2807
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

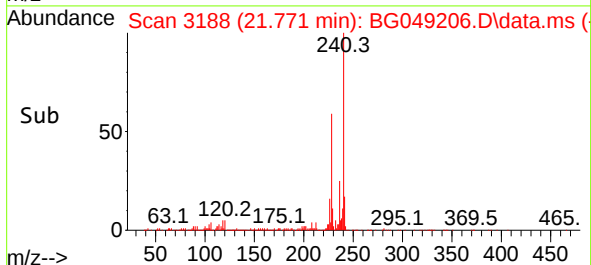
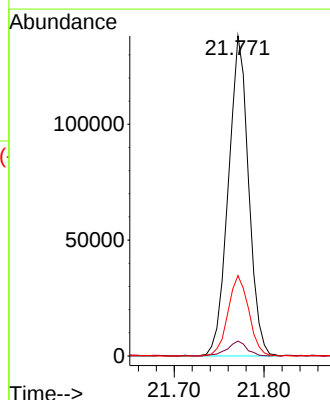
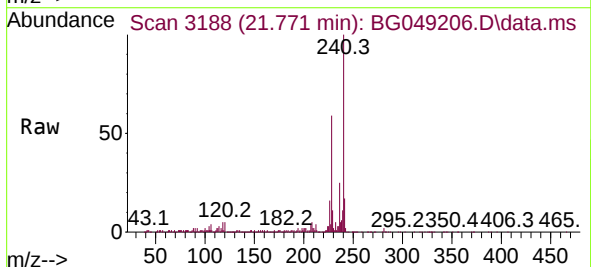
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

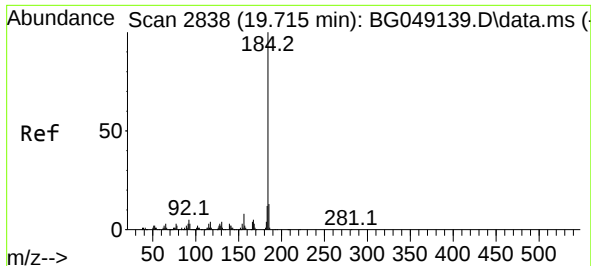
Tgt Ion:202 Resp: 721396
Ion Ratio Lower Upper
202 100
101 6.6 0.0 24.7
203 19.8 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3188
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:240 Resp: 216223
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 25.1 21.8 32.6

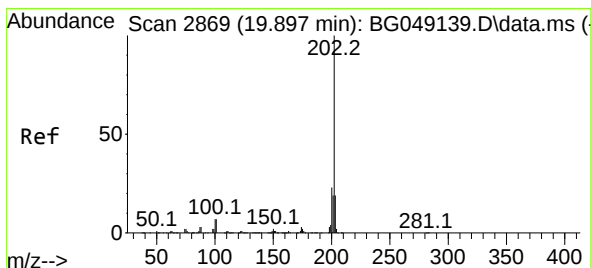
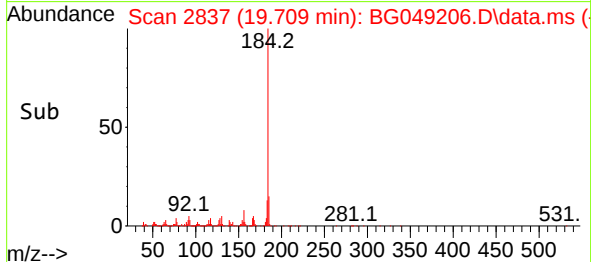
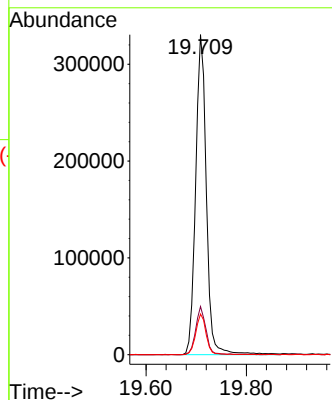
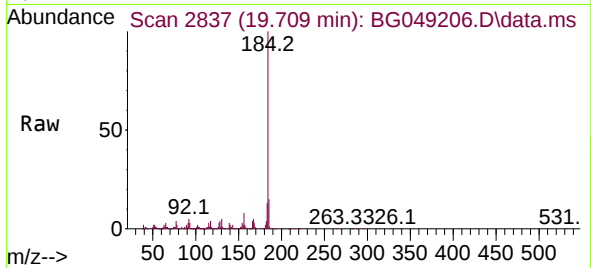




#77
Benzidine
Concen: 105.33 ng
RT: 19.709 min Scan# 2837
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

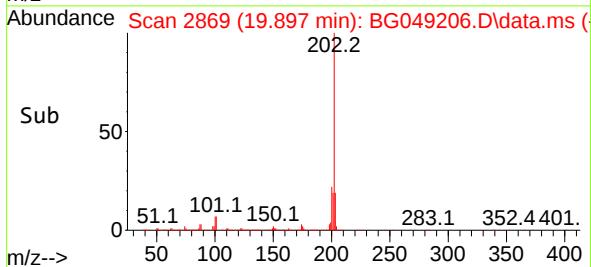
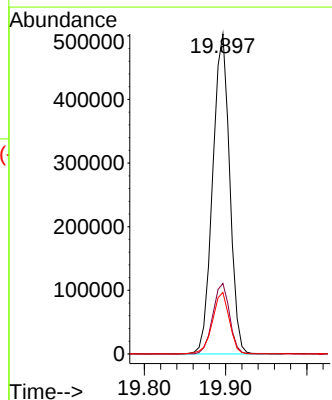
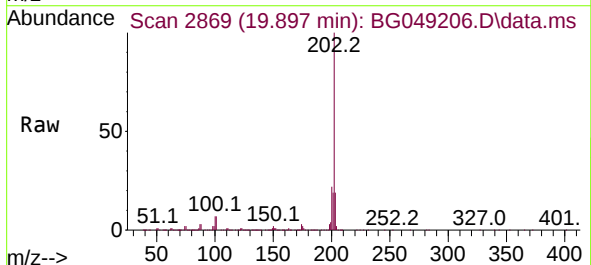
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

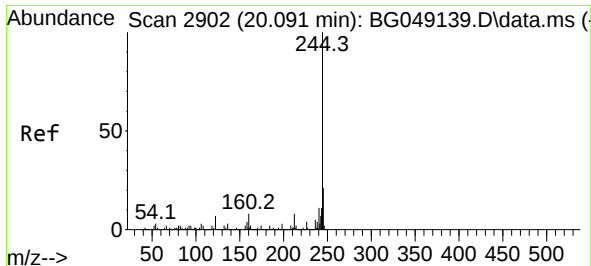
Tgt Ion:184 Resp: 489187
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 12.7 9.4 14.0



#78
Pyrene
Concen: 45.41 ng
RT: 19.897 min Scan# 2869
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:202 Resp: 729311
Ion Ratio Lower Upper
202 100
200 22.1 15.8 23.8
203 19.2 14.6 21.8

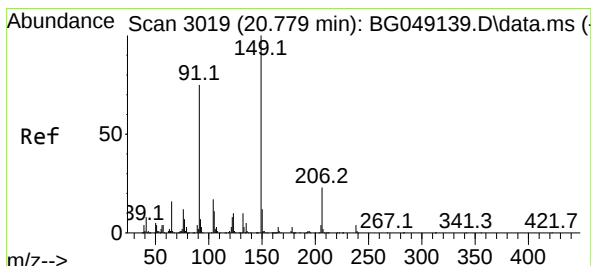
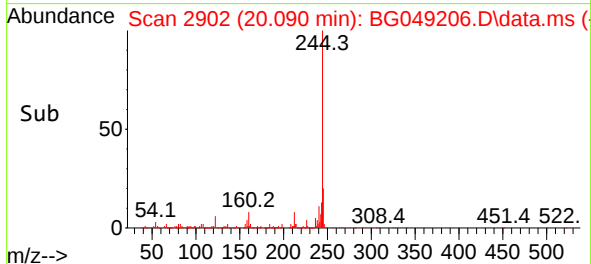
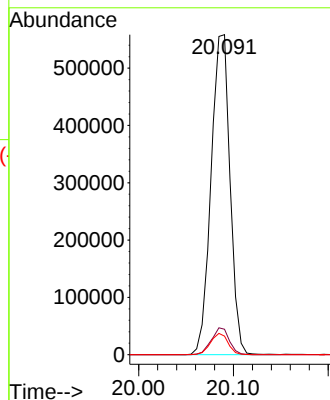
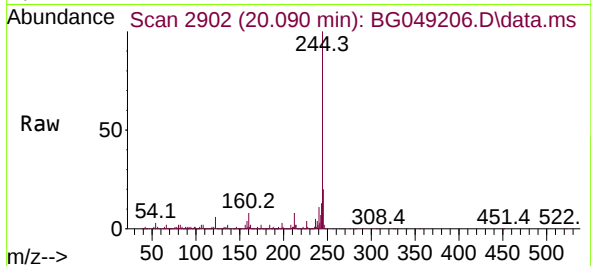




#79
 Terphenyl-d14
 Concen: 60.80 ng
 RT: 20.090 min Scan# 2902
 Delta R.T. 0.008 min
 Lab File: BG049206.D
 Acq: 7 Jul 2021 19:29

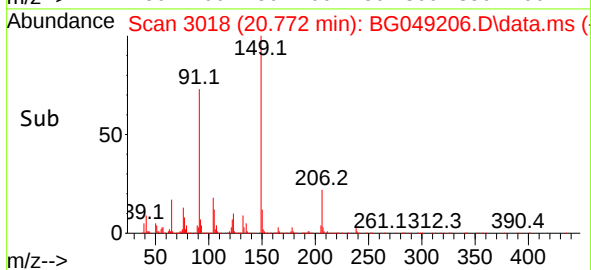
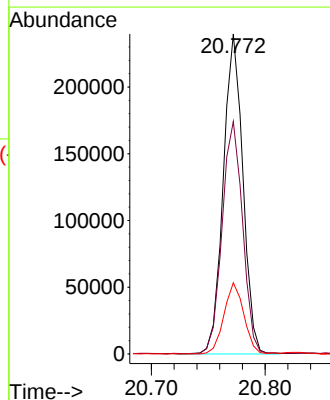
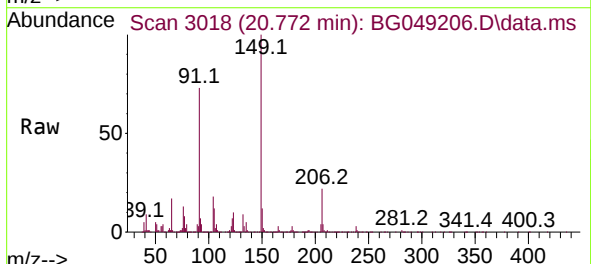
Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMS

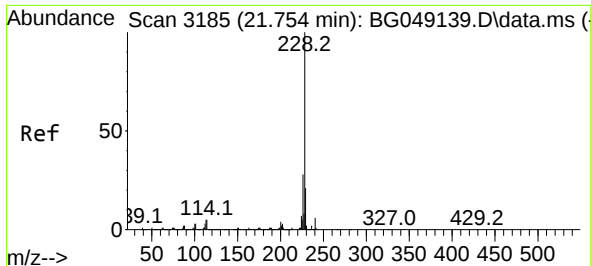
Tgt Ion:244 Resp: 775814
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 5.8 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 47.15 ng
 RT: 20.772 min Scan# 3018
 Delta R.T. 0.002 min
 Lab File: BG049206.D
 Acq: 7 Jul 2021 19:29

Tgt Ion:149 Resp: 286877
 Ion Ratio Lower Upper
 149 100
 91 72.6 63.4 95.2
 206 22.2 18.4 27.6

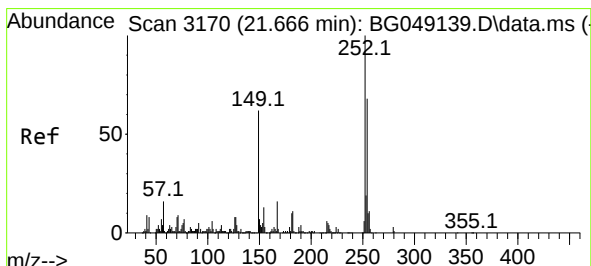
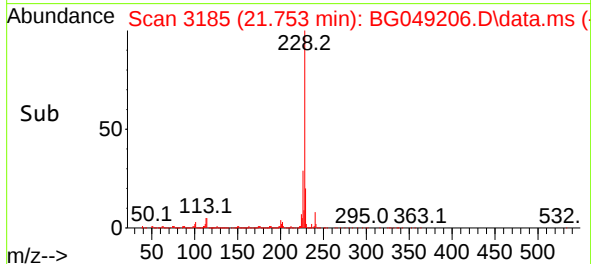
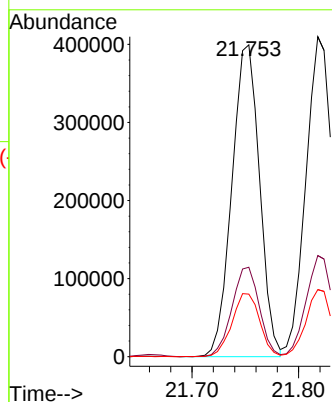
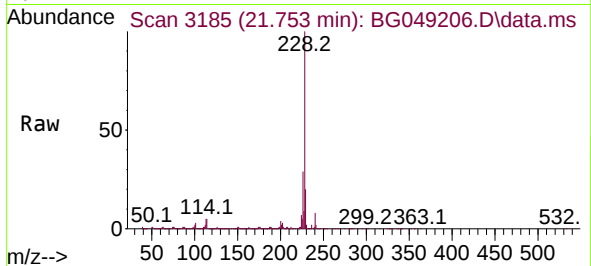




#81
Benzo(a)anthracene
Concen: 44.73 ng
RT: 21.753 min Scan# 3185
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

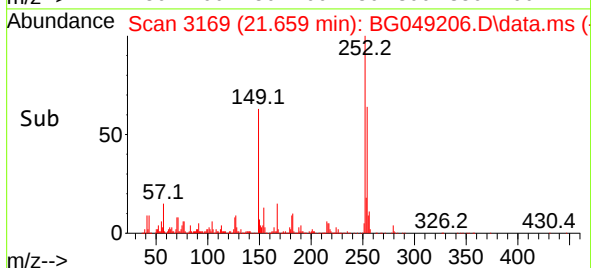
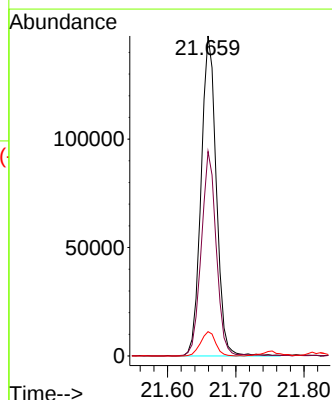
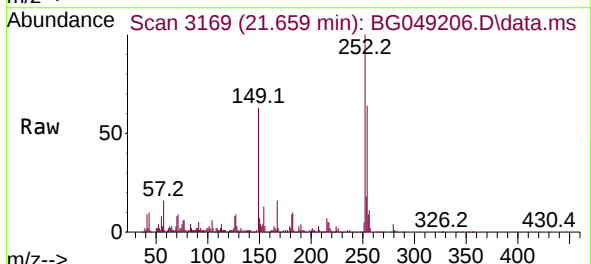
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

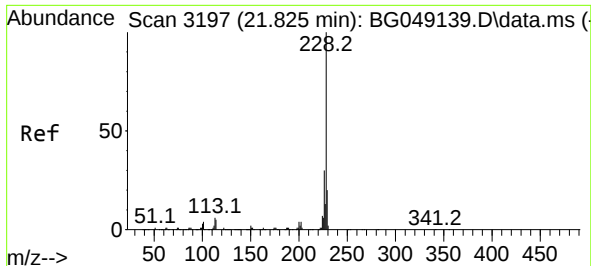
Tgt Ion:228 Resp: 721342
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.73 ng
RT: 21.659 min Scan# 3169
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:252 Resp: 228964
Ion Ratio Lower Upper
252 100
254 63.9 52.4 78.6
126 7.6 5.9 8.9

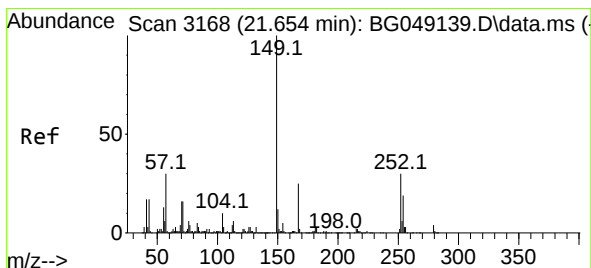
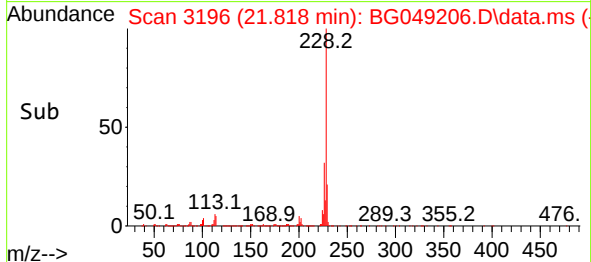
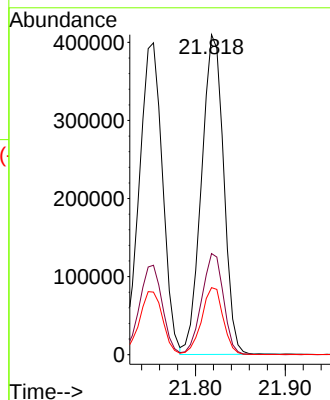
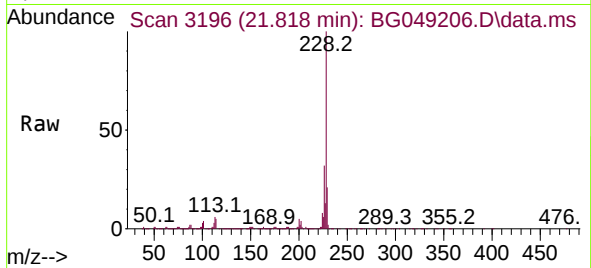




#83
Chrysene
Concen: 45.71 ng
RT: 21.818 min Scan# 3196
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

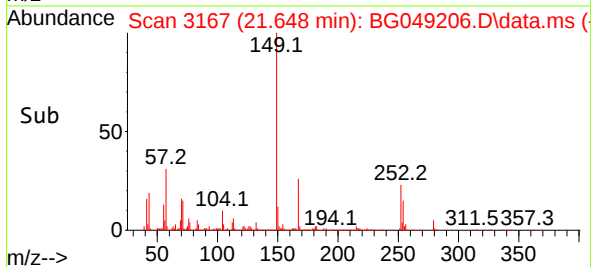
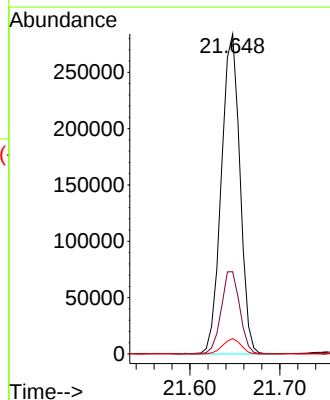
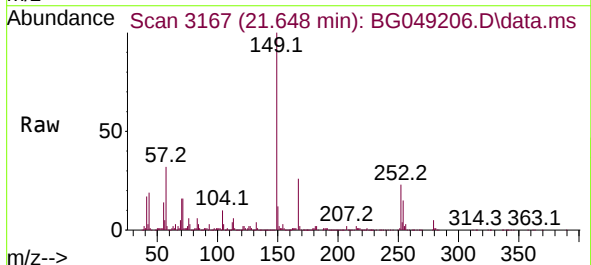
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

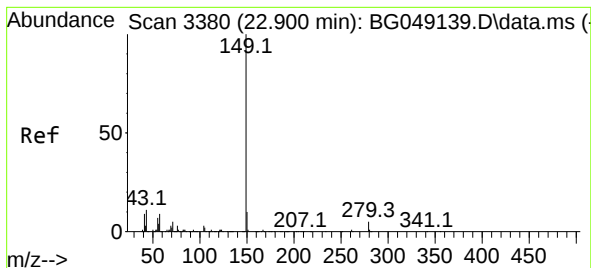
Tgt Ion:228 Resp: 700272
Ion Ratio Lower Upper
228 100
226 31.6 23.1 34.7
229 20.9 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.52 ng
RT: 21.648 min Scan# 3167
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:149 Resp: 408409
Ion Ratio Lower Upper
149 100
167 25.7 22.3 33.5
279 4.8 3.8 5.8

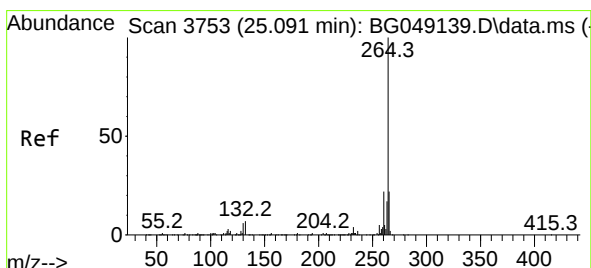
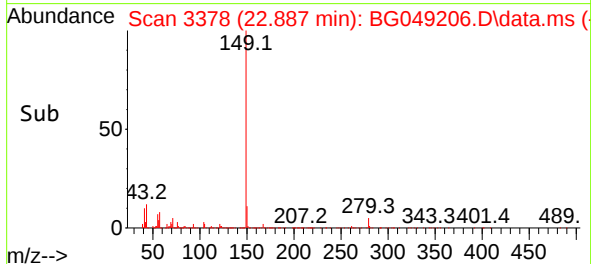
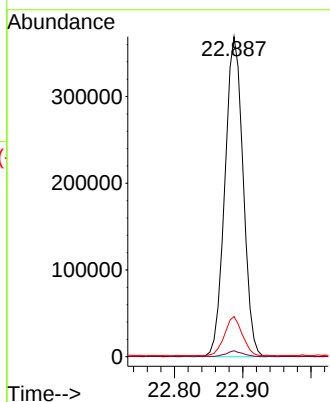
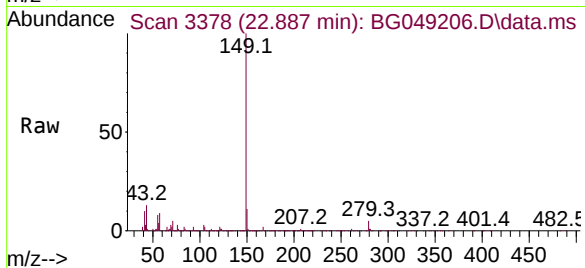




#85
Di-n-octyl phthalate
Concen: 47.37 ng
RT: 22.887 min Scan# 3378
Delta R.T. 0.002 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

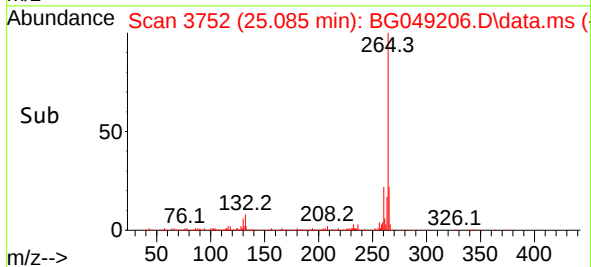
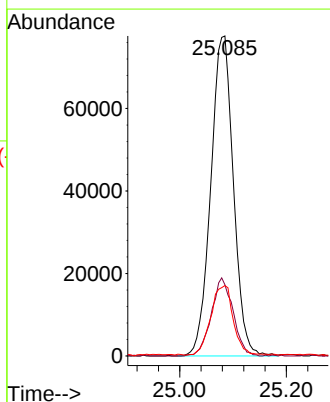
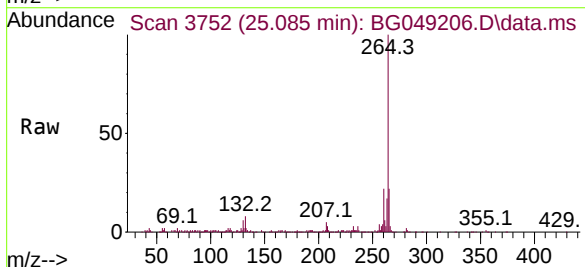
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

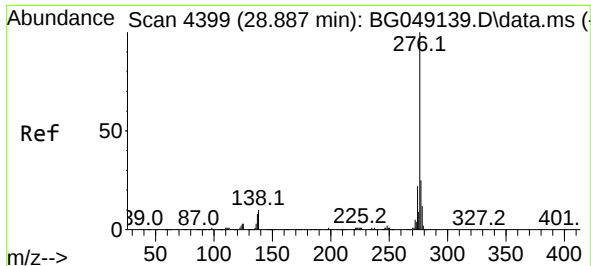
Tgt Ion:149 Resp: 685081
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 11.8 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.085 min Scan# 3752
Delta R.T. 0.020 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:264 Resp: 228720
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 22.0 16.9 25.3

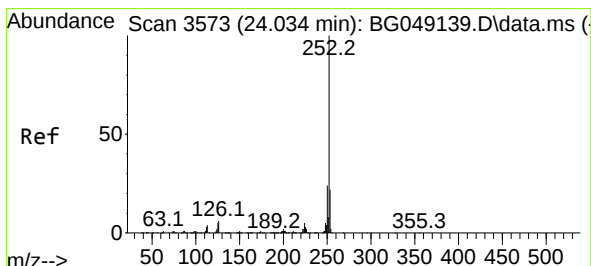
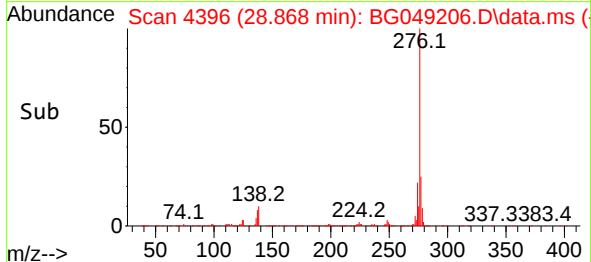
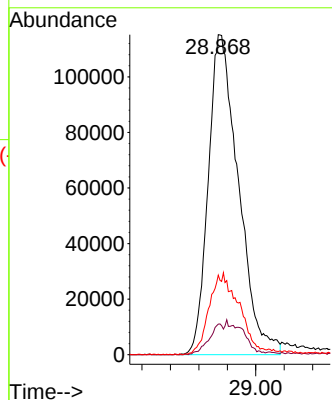
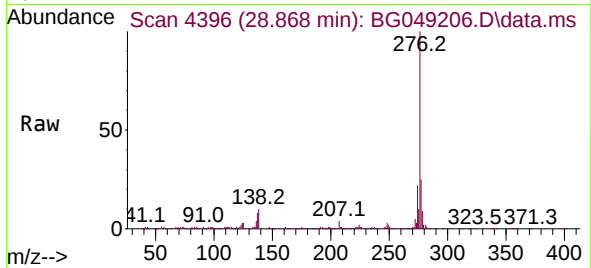




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.52 ng
RT: 28.868 min Scan# 4396
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

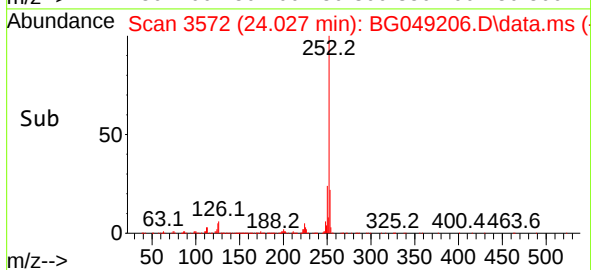
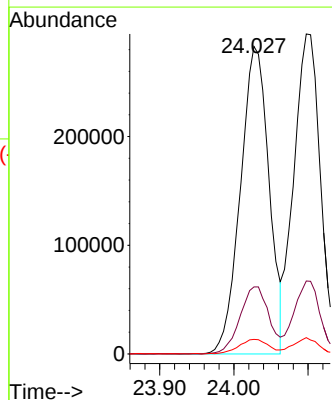
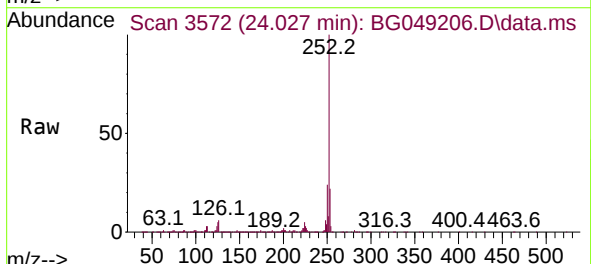
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

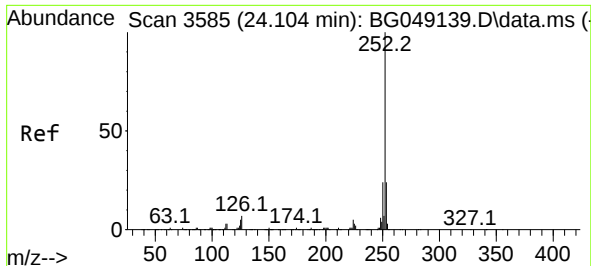
Tgt Ion:276 Resp: 848984
Ion Ratio Lower Upper
276 100
138 4.5 5.1 7.7#
277 11.0 19.8 29.6#



#88
Benzo(b)fluoranthene
Concen: 46.02 ng
RT: 24.027 min Scan# 3572
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:252 Resp: 759508
Ion Ratio Lower Upper
252 100
253 21.8 16.2 24.4
125 4.7 3.0 4.4#

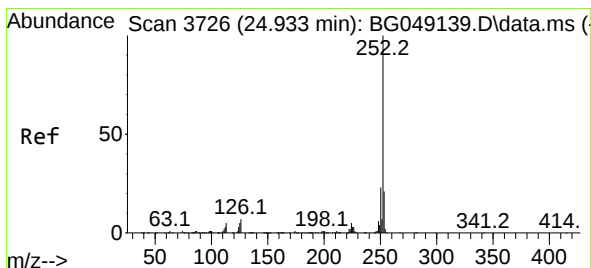
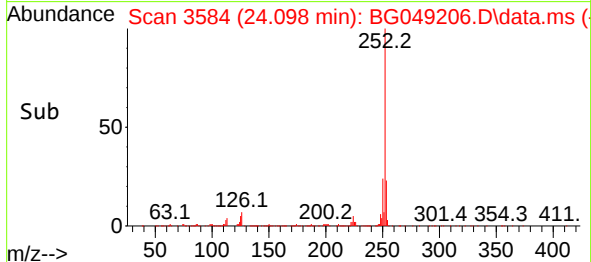
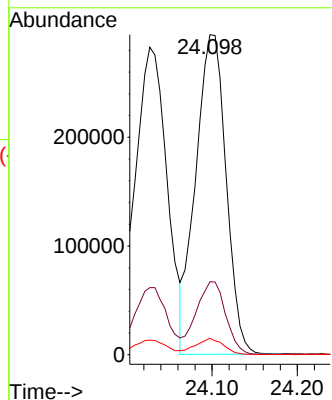
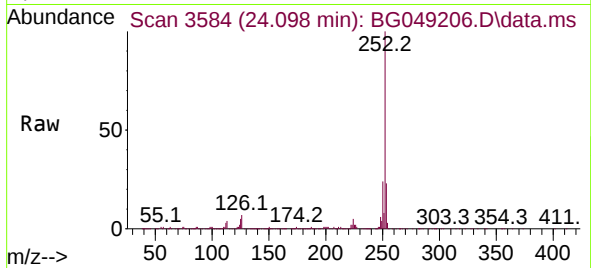




#89
Benzo(k)fluoranthene
Concen: 46.19 ng
RT: 24.098 min Scan# 3584
Delta R.T. 0.008 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

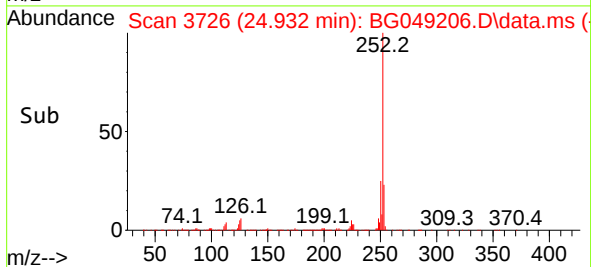
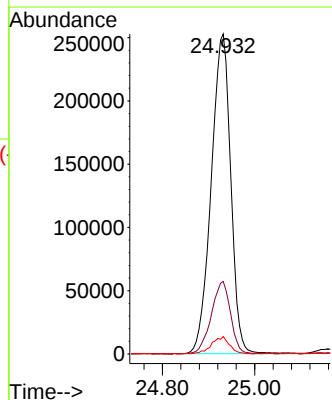
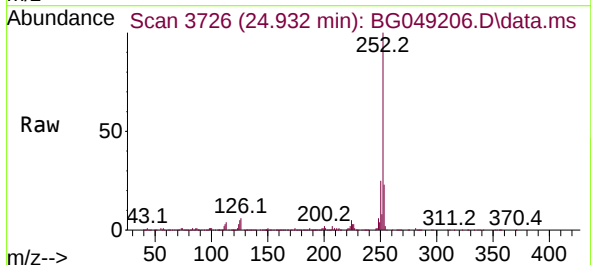
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

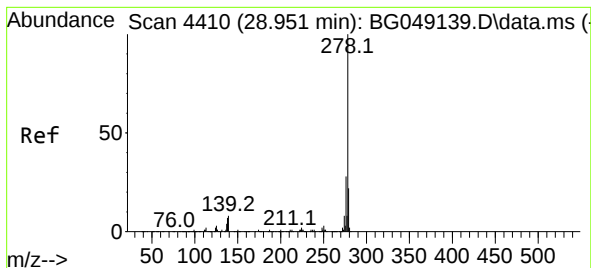
Tgt Ion:252 Resp: 727288
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 5.1 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 48.63 ng
RT: 24.932 min Scan# 3726
Delta R.T. 0.020 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:252 Resp: 740393
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 5.4 3.5 5.3#

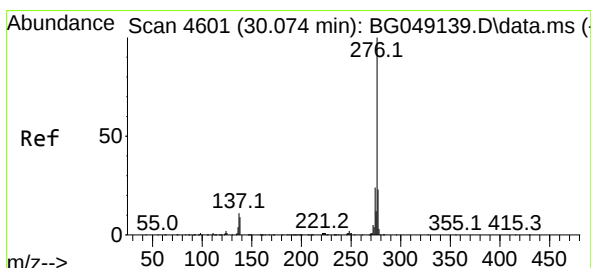
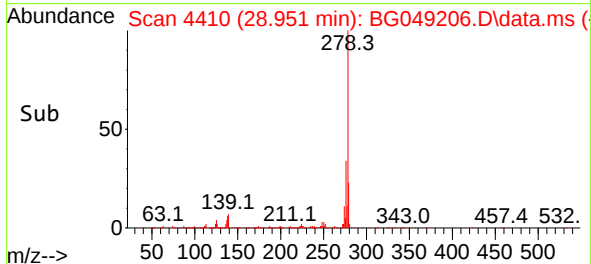
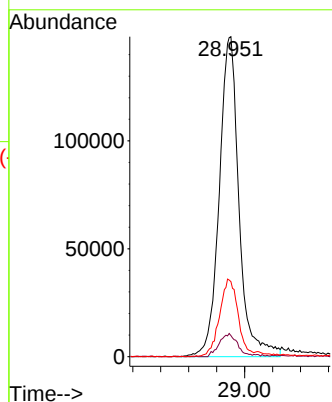
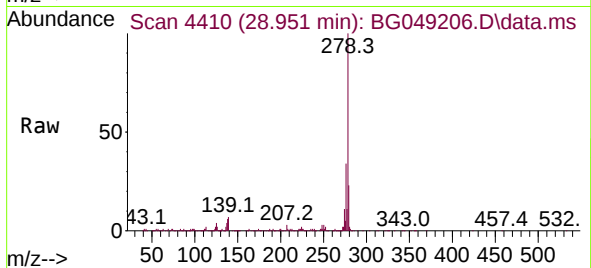




#91
Dibenzo(a,h)anthracene
Concen: 47.18 ng
RT: 28.951 min Scan# 4410
Delta R.T. 0.026 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMS

Tgt Ion:278 Resp: 726768
Ion Ratio Lower Upper
278 100
139 6.6 4.6 6.8
279 23.4 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 44.08 ng
RT: 30.061 min Scan# 4599
Delta R.T. 0.026 min
Lab File: BG049206.D
Acq: 7 Jul 2021 19:29

Tgt Ion:276 Resp: 669412
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 8.5 7.0 10.6

