

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

Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

Manual Integrations
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 7/8/2021 12:40:33 PM

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	42916	20.000	ng	# 0.00
21) Naphthalene-d8	10.910	136	164337	20.000	ng	# 0.00
39) Acenaphthene-d10	14.735	164	110743	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	226201	20.000	ng	# 0.00
76) Chrysene-d12	21.774	240	216374	20.000	ng	# 0.01
86) Perylene-d12	25.076	264	230054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	273578	99.846	ng	0.01
7) Phenol-d6	7.250	99	354407	90.723	ng	0.01
23) Nitrobenzene-d5	9.259	82	252549	65.155	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	188425	98.150	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	522427	63.646	ng	0.00
79) Terphenyl-d14	20.088	244	784606	61.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	39700	33.002	ng	# 79
3) Pyridine	3.925	79	101490	31.203	ng	94
4) n-Nitrosodimethylamine	3.836	42	78569	42.531	ng	# 71
6) Aniline	7.409	93	177891	37.403	ng	92
8) 2-Chlorophenol	7.655	128	145156	48.285	ng	90
9) Benzaldehyde	7.221	77	99531	48.440	ng	91
10) Phenol	7.274	94	181987	46.375	ng	93
11) bis(2-Chloroethyl)ether	7.503	93	129346	45.189	ng	86
12) 1,3-Dichlorobenzene	7.979	146	156288	46.482	ng	96
13) 1,4-Dichlorobenzene	8.126	146	157552	46.598	ng	98
14) 1,2-Dichlorobenzene	8.449	146	153177	47.056	ng	95
15) Benzyl Alcohol	8.325	79	156864	45.601	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	212179	43.666	ng	84
17) 2-Methylphenol	8.531	107	122816	46.445	ng	98
18) Hexachloroethane	9.183	117	65053	48.182	ng	97
19) n-Nitroso-di-n-propyla...	8.901	70	114482	40.778	ng	99
20) 3+4-Methylphenols	8.860	107	166918	45.532	ng	96
22) Acetophenone	8.919	105	232367	47.402	ng	# 97
24) Nitrobenzene	9.301	77	188427	44.865	ng	92
25) Isophorone	9.829	82	303935	40.821	ng	97
26) 2-Nitrophenol	10.017	139	82116	49.112	ng	96
27) 2,4-Dimethylphenol	10.070	122	133979	53.408	ng	91
28) bis(2-Chloroethoxy)met...	10.305	93	173433	49.398	ng	95
29) 2,4-Dichlorophenol	10.558	162	144196	47.930	ng	93
30) 1,2,4-Trichlorobenzene	10.769	180	167486	47.273	ng	93
31) Naphthalene	10.963	128	437274	45.701	ng	98
32) Benzoic acid	10.235	122	90122	44.941	ng	# 77
33) 4-Chloroaniline	11.063	127	103438	26.145	ng	96
34) Hexachlorobutadiene	11.245	225	126574	48.355	ng	92
35) Caprolactam	11.856	113	44023m	46.105	ng	
36) 4-Chloro-3-methylphenol	12.185	107	158331	45.738	ng	# 95
37) 2-Methylnaphthalene	12.561	142	327251	45.418	ng	98
38) 1-Methylnaphthalene	12.785	142	301700	44.213	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	193826	50.169	ng	97
41) Hexachlorocyclopentadiene	12.908	237	168075	73.443	ng	90
43) 2,4,6-Trichlorophenol	13.167	196	131667	49.353	ng	92

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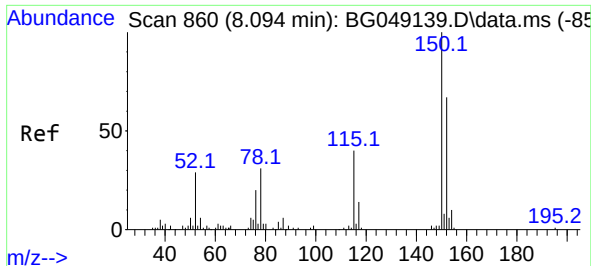
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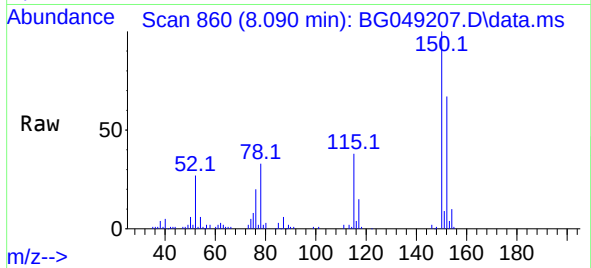
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	139269	47.736	ng	92
46) 1,1'-Biphenyl	13.566	154	401965	48.588	ng	96
47) 2-Chloronaphthalene	13.613	162	321154	47.176	ng	97
48) 2-Nitroaniline	13.807	65	117391	47.291	ng	97
49) Acenaphthylene	14.459	152	508701	47.398	ng	98
50) Dimethylphthalate	14.183	163	407298	45.827	ng	98
51) 2,6-Dinitrotoluene	14.301	165	92373	45.338	ng	89
52) Acenaphthene	14.800	154	304441	45.513	ng	95
53) 3-Nitroaniline	14.636	138	63012	32.197	ng	90
54) 2,4-Dinitrophenol	14.841	184	75407	55.584	ng	93
55) Dibenzofuran	15.129	168	486356	44.664	ng	99
56) 4-Nitrophenol	14.947	139	144218	90.428	ng	92
57) 2,4-Dinitrotoluene	15.094	165	129304	44.678	ng	95
58) Fluorene	15.781	166	400115	44.427	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.358	232	127866	47.082	ng	# 97
60) Diethylphthalate	15.546	149	427504	45.394	ng	97
61) 4-Chlorophenyl-phenyle...	15.769	204	229374	46.014	ng	96
62) 4-Nitroaniline	15.799	138	77996	38.364	ng	# 83
63) Azobenzene	16.063	77	401910	42.332	ng	91
65) 4,6-Dinitro-2-methylph...	15.858	198	50455	31.226	ng	95
66) n-Nitrosodiphenylamine	15.987	169	346888	49.034	ng	97
67) 4-Bromophenyl-phenylether	16.668	248	152752	50.056	ng	91
68) Hexachlorobenzene	16.786	284	165410	49.029	ng	97
69) Atrazine	16.933	200	145941	62.118	ng	95
70) Pentachlorophenol	17.133	266	214791	109.377	ng	96
71) Phenanthrene	17.526	178	613495	47.099	ng	98
72) Anthracene	17.620	178	633432	48.782	ng	98
73) Carbazole	17.885	167	567557	45.845	ng	97
74) Di-n-butylphthalate	18.437	149	672588	47.252	ng	98
75) Fluoranthene	19.530	202	737347	45.217	ng	98
77) Benzidine	19.706	184	498144	107.182	ng	98
78) Pyrene	19.894	202	738905	45.978	ng	98
80) Butylbenzylphthalate	20.770	149	288797	47.432	ng	98
81) Benzo(a)anthracene	21.751	228	740993	45.914	ng	99
82) 3,3'-Dichlorobenzidine	21.663	252	230345	41.955	ng	99
83) Chrysene	21.821	228	709714	46.290	ng	96
84) Bis(2-ethylhexyl)phtha...	21.645	149	416105	48.385	ng	99
85) Di-n-octyl phthalate	22.891	149	696442	48.117	ng	98
87) Indeno(1,2,3-cd)pyrene	28.872	276	877234	47.788	ng	92
88) Benzo(b)fluoranthene	24.030	252	790027	47.588	ng	# 96
89) Benzo(k)fluoranthene	24.095	252	730155	46.102	ng	99
90) Benzo(a)pyrene	24.929	252	757224	49.445	ng	97
91) Dibenzo(a,h)anthracene	28.948	278	724444	46.756	ng	97
92) Benzo(g,h,i)perylene	30.059	276	692719	45.355	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

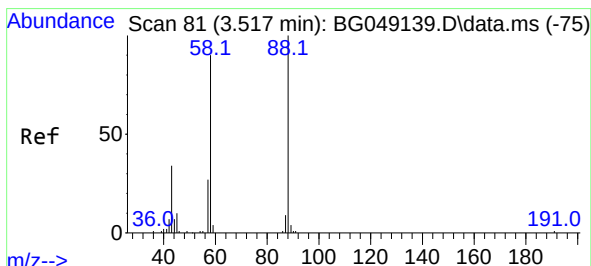
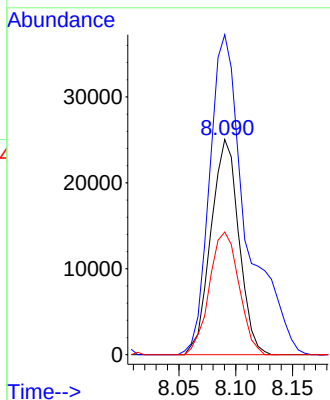
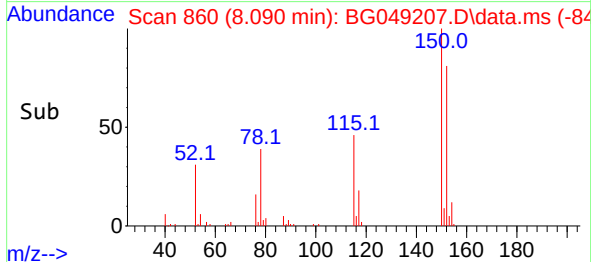
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



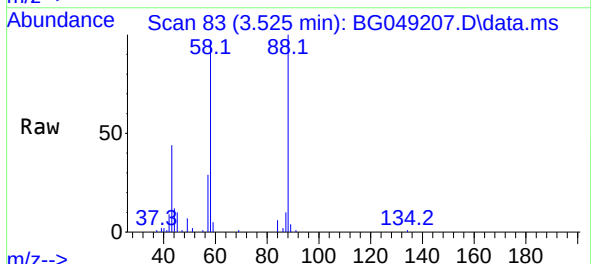
Tgt Ion:152 Resp: 42916
Ion Ratio Lower Upper
152 100
150 148.7 119.4 179.0
115 57.0 60.2 90.4#

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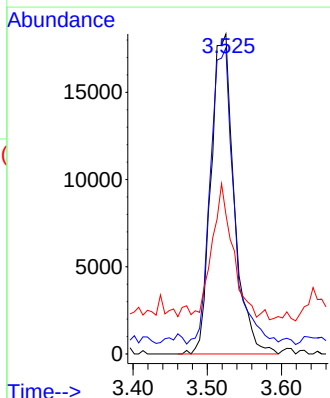
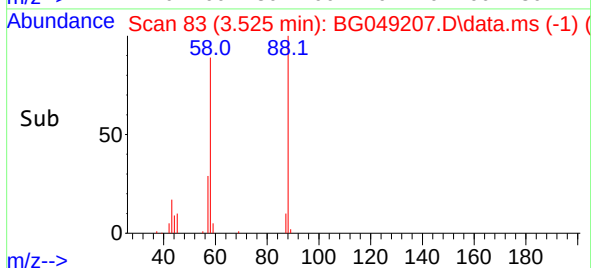
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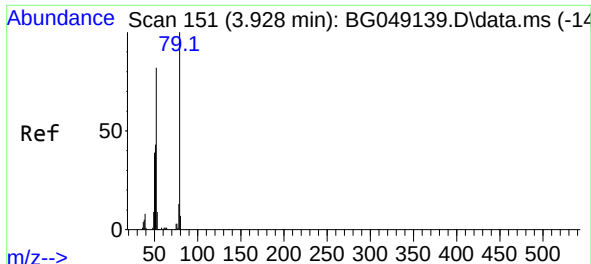


#2
1,4-Dioxane
Concen: 33.002 ng
RT: 3.525 min Scan# 83
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



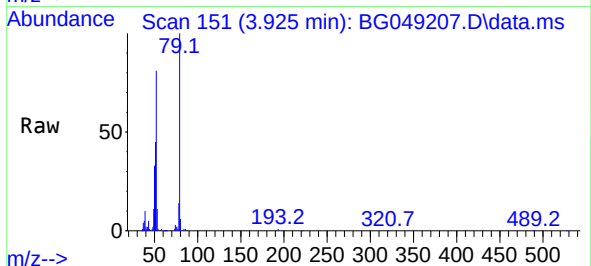
Tgt Ion: 88 Resp: 39700
Ion Ratio Lower Upper
88 100
58 95.0 55.7 83.5#
43 38.3 29.3 43.9





#3
Pyridine
Concen: 31.203 ng
RT: 3.925 min Scan# 151
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

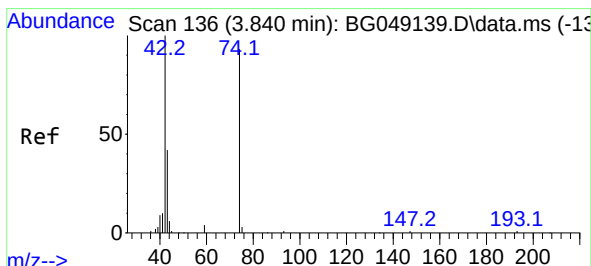
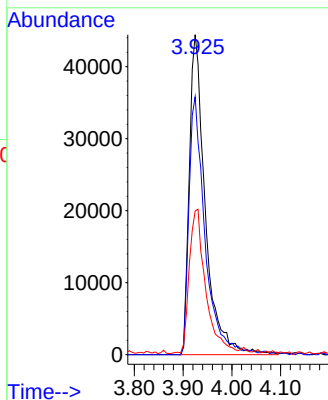
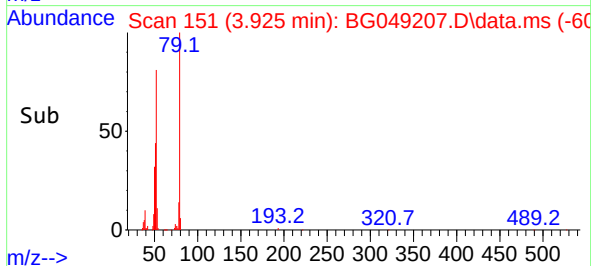
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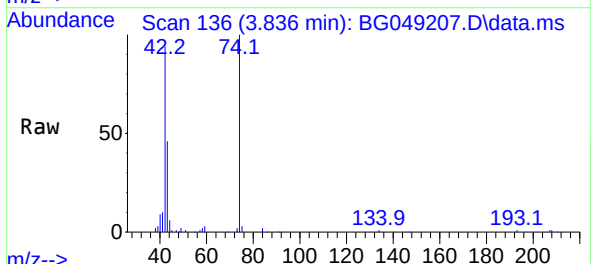
Tgt Ion: 79 Resp: 101490
Ion Ratio Lower Upper
79 100
52 80.6 58.4 87.6
51 44.9 37.0 55.6

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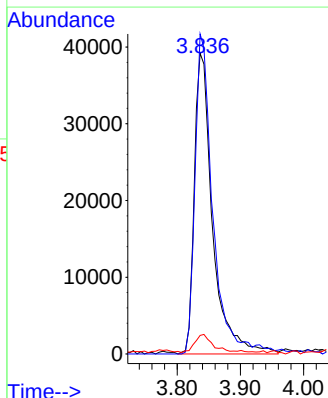
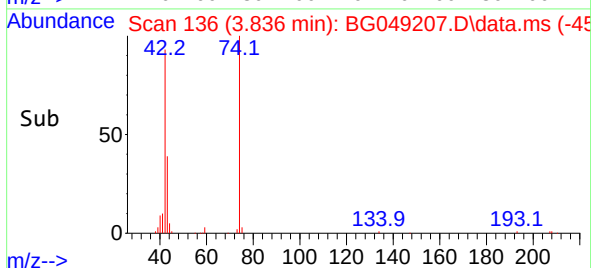
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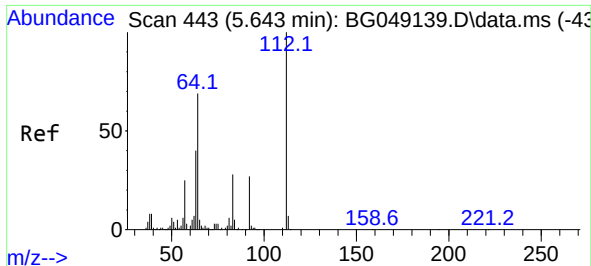


#4
n-Nitrosodimethylamine
Concen: 42.531 ng
RT: 3.836 min Scan# 136
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





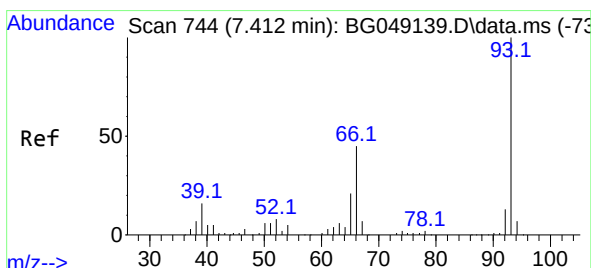
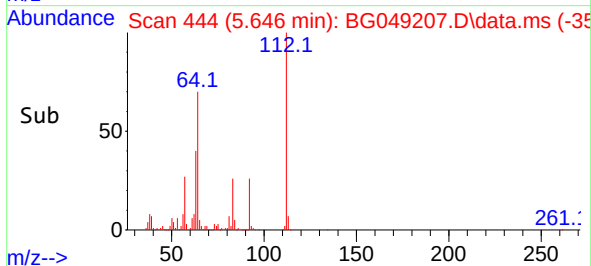
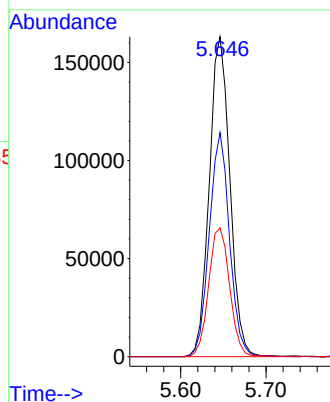
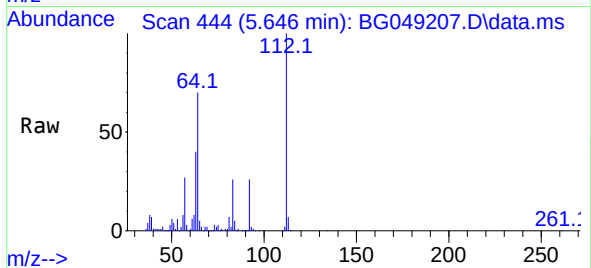
#5
2-Fluorophenol
Concen: 99.846 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

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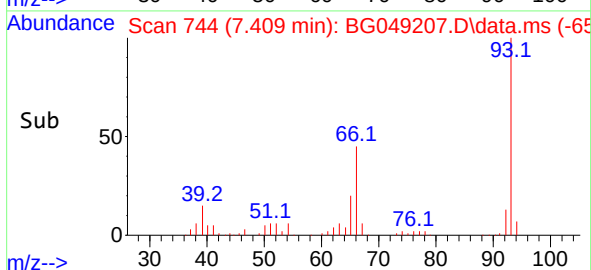
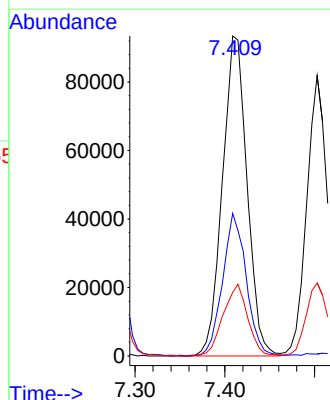
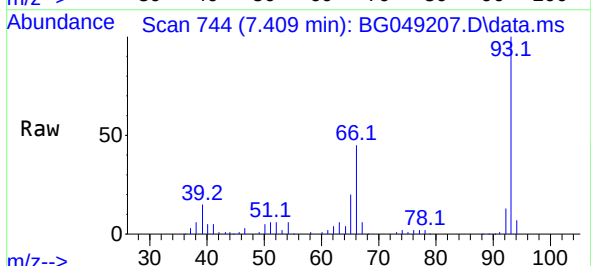
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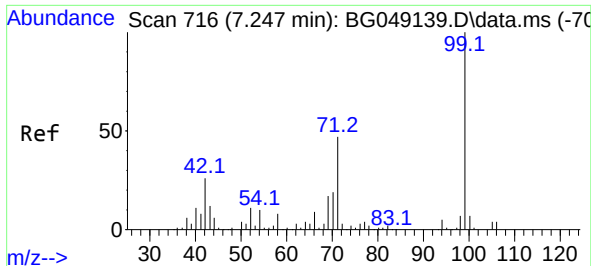
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#6
Aniline
Concen: 37.403 ng
RT: 7.409 min Scan# 744
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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





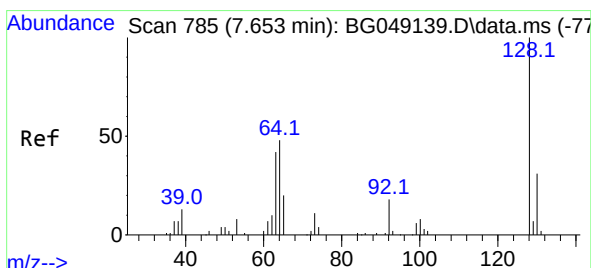
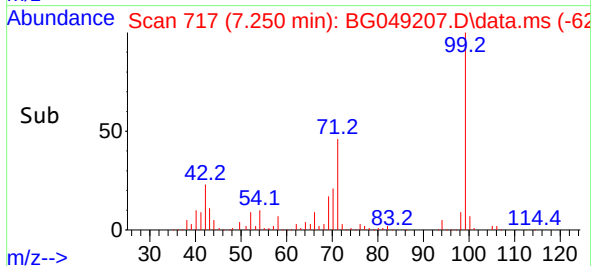
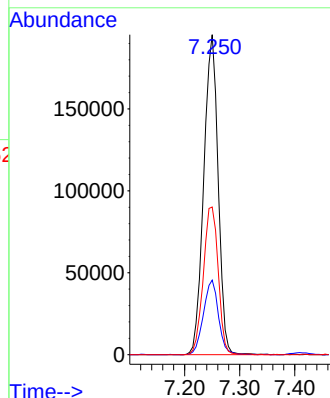
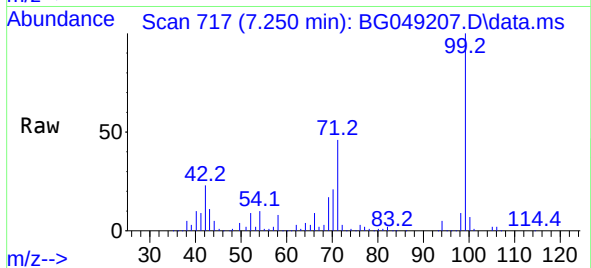
#7
Phenol-d6
Concen: 90.723 ng
RT: 7.250 min Scan# 717
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

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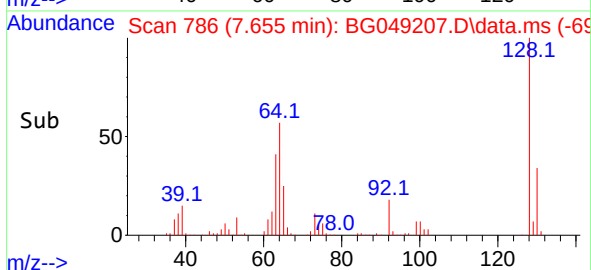
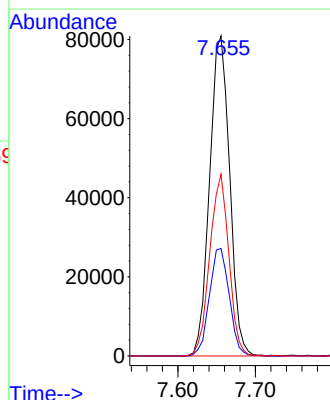
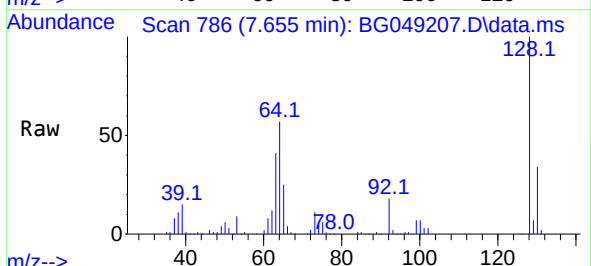
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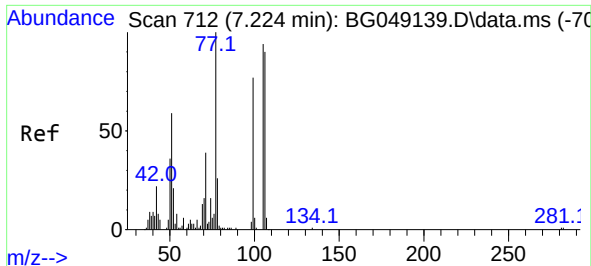
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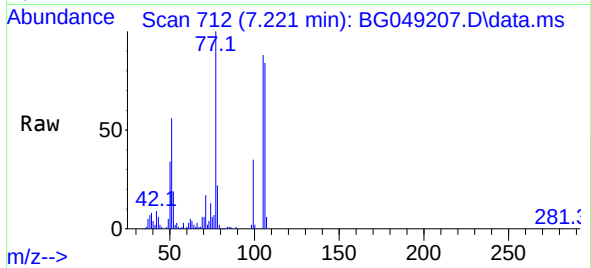
#8
2-Chlorophenol
Concen: 48.285 ng
RT: 7.655 min Scan# 786
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

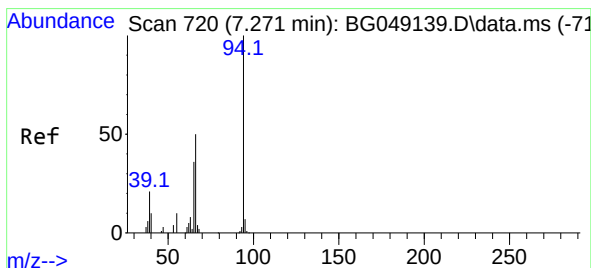
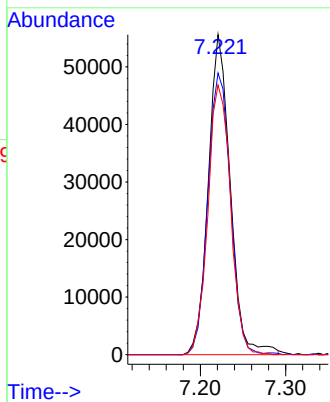
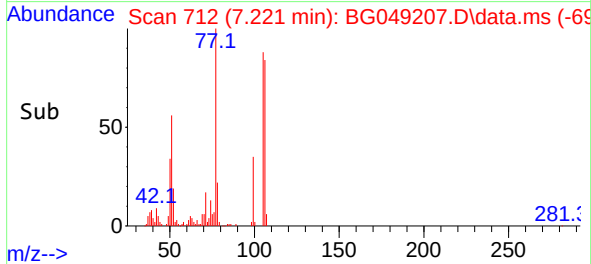




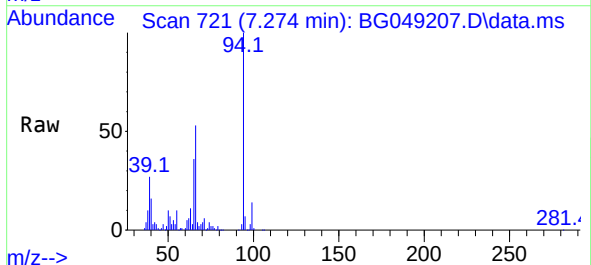
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Benzaldehyde
Concen: 48.440 ng
RT: 7.221 min Scan# 712
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



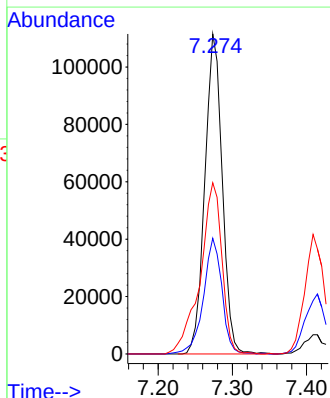
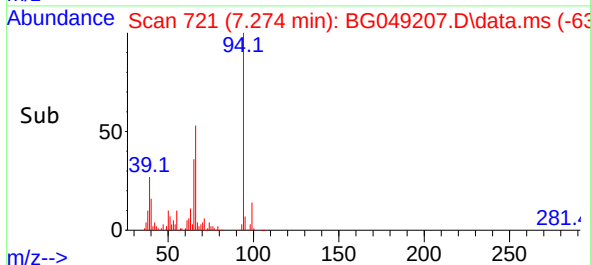
Tgt Ion: 77 Resp: 99531
Ion Ratio Lower Upper
77 100
105 88.0 68.8 108.8
106 84.2 47.9 87.9



#10
Phenol
Concen: 46.375 ng
RT: 7.274 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



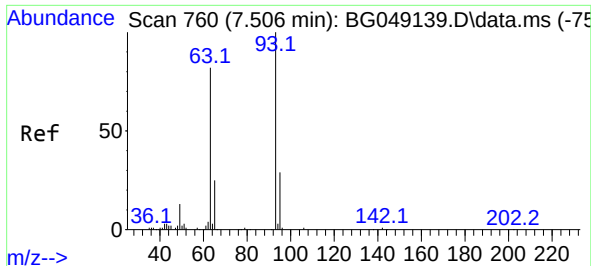
Tgt Ion: 94 Resp: 181987
Ion Ratio Lower Upper
94 100
65 36.2 12.9 52.9
66 53.5 39.4 79.4



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

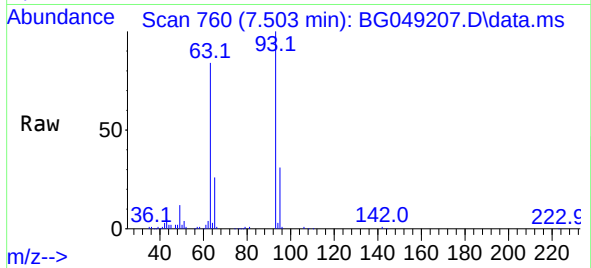
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#11
bis(2-Chloroethyl)ether
Concen: 45.189 ng
RT: 7.503 min Scan# 760
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

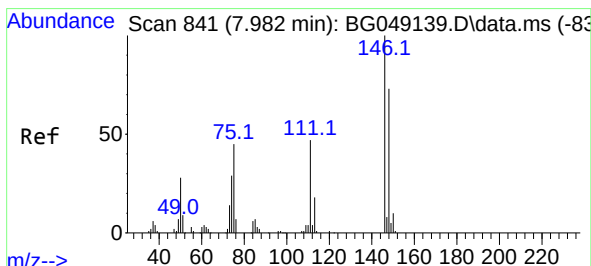
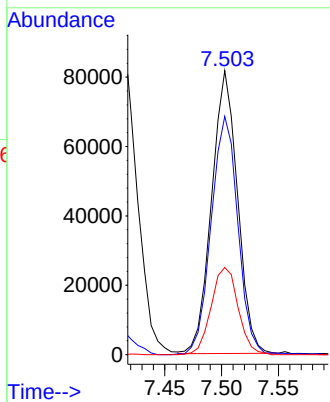
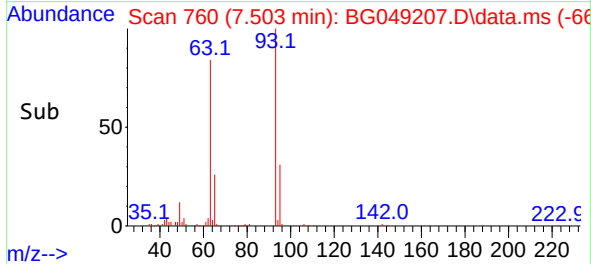
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



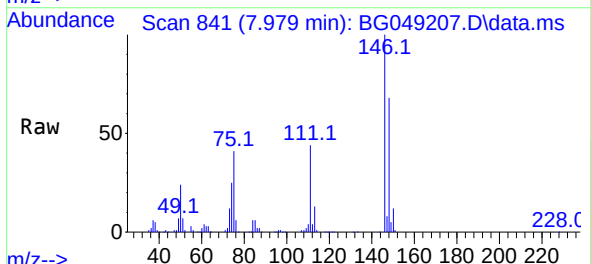
Tgt Ion: 93 Resp: 129346
Ion Ratio Lower Upper
93 100
63 83.9 50.4 90.4
95 30.7 15.3 55.3

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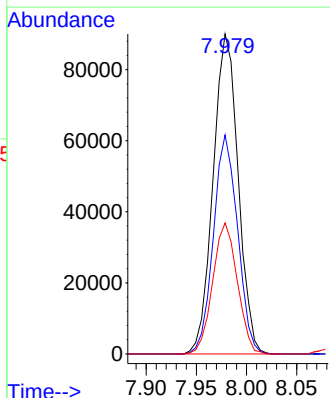
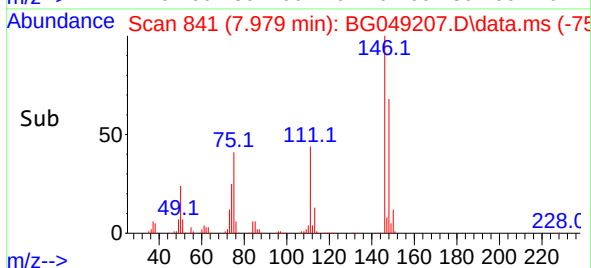
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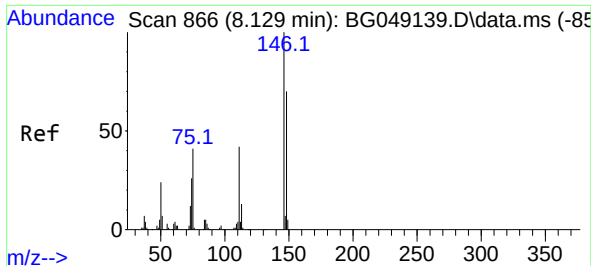


#12
1,3-Dichlorobenzene
Concen: 46.482 ng
RT: 7.979 min Scan# 841
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

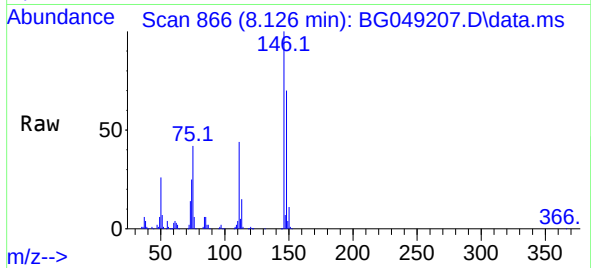


Tgt Ion: 146 Resp: 156288
Ion Ratio Lower Upper
146 100
148 68.5 52.6 78.8
75 41.0 35.7 53.5

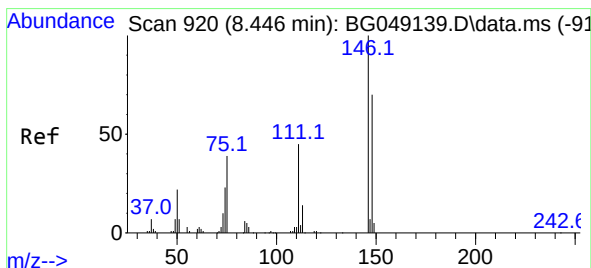
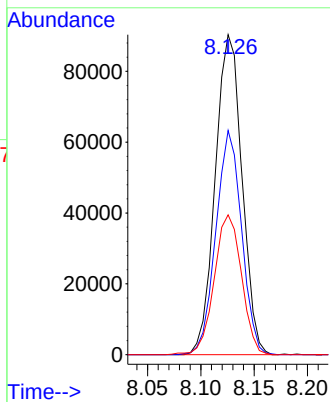
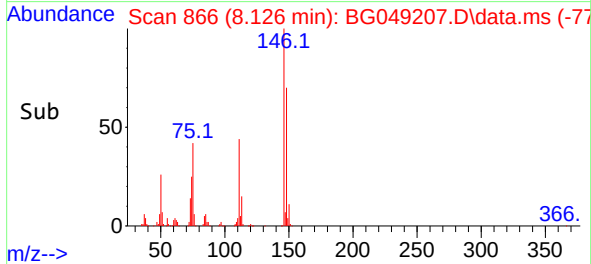




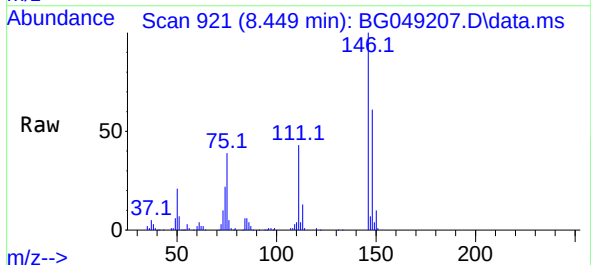
#13
1,4-Dichlorobenzene
Concen: 46.598 ng
RT: 8.126 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



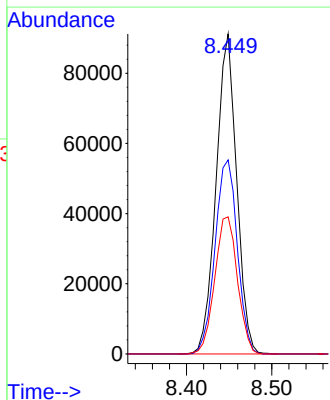
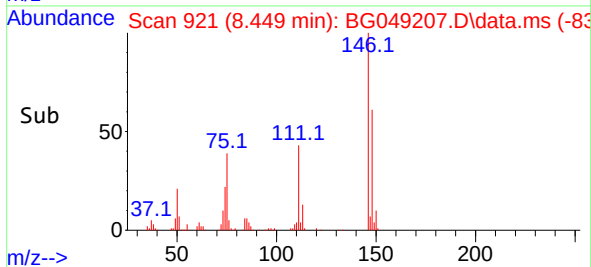
Tgt Ion:146 Resp: 157552
Ion Ratio Lower Upper
146 100
148 70.1 54.0 81.0
111 43.7 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 47.056 ng
RT: 8.449 min Scan# 921
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



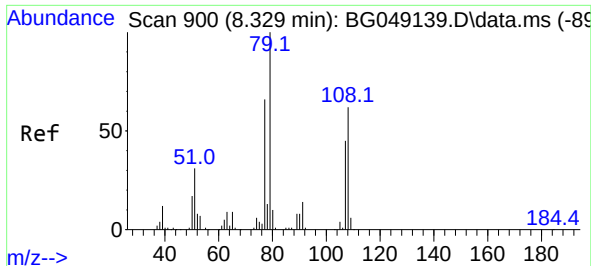
Tgt Ion:146 Resp: 153177
Ion Ratio Lower Upper
146 100
148 60.7 47.5 71.3
111 42.9 39.1 58.7



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

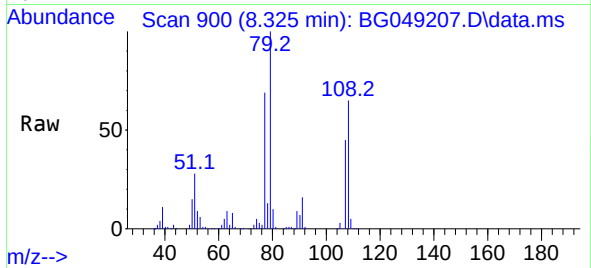
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#15
Benzyl Alcohol
Concen: 45.601 ng
RT: 8.325 min Scan# 900
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

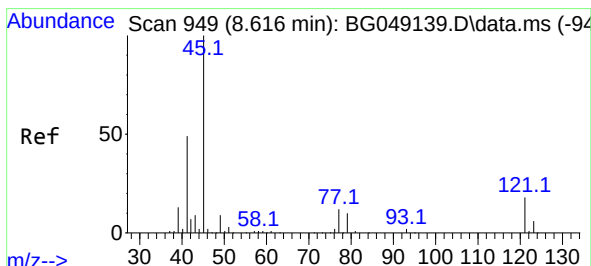
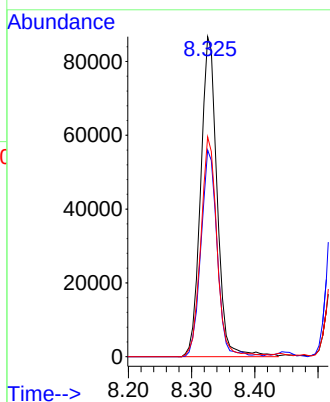
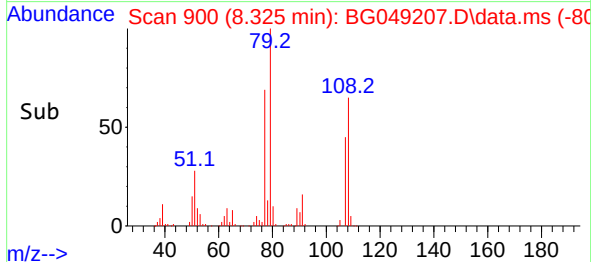
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



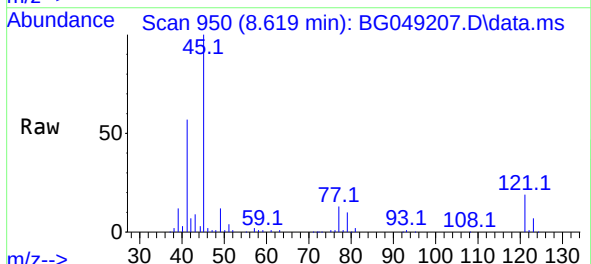
Tgt Ion: 79 Resp: 156864
Ion Ratio Lower Upper
79 100
108 64.6 48.2 72.4
77 68.7 57.3 85.9

Manual Integrations
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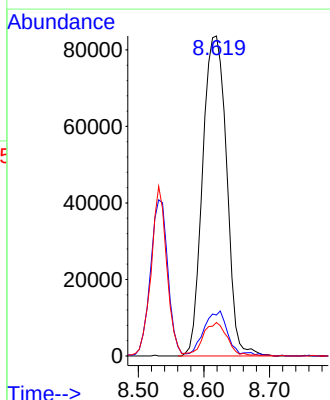
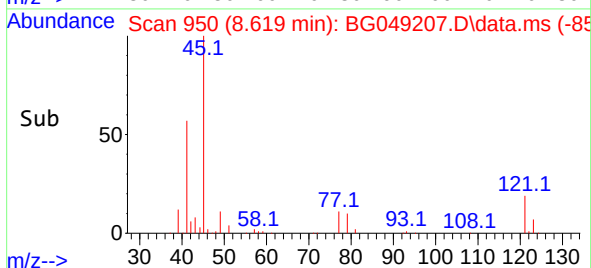
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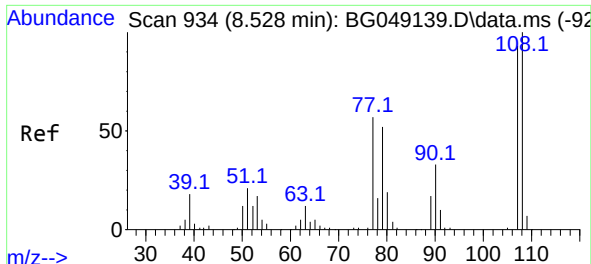


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.666 ng
RT: 8.619 min Scan# 950
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

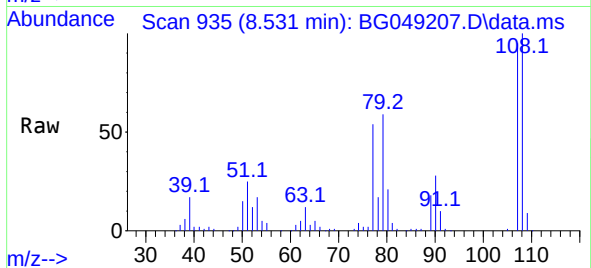


Tgt Ion: 45 Resp: 212179
Ion Ratio Lower Upper
45 100
77 12.8 2.2 42.2
79 10.4 0.0 34.3

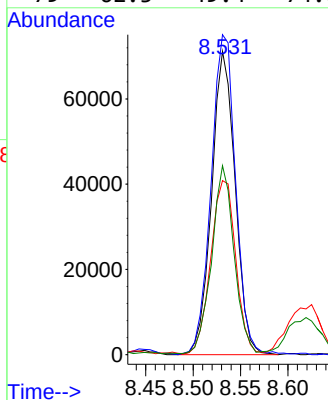
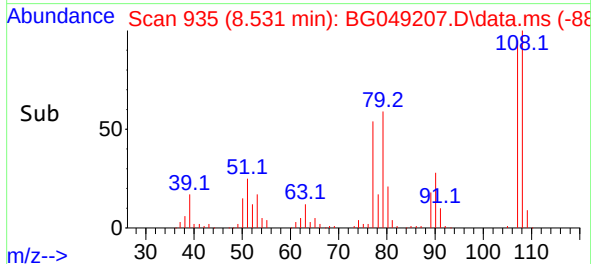




#17
2-Methylphenol
Concen: 46.445 ng
RT: 8.531 min Scan# 935
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



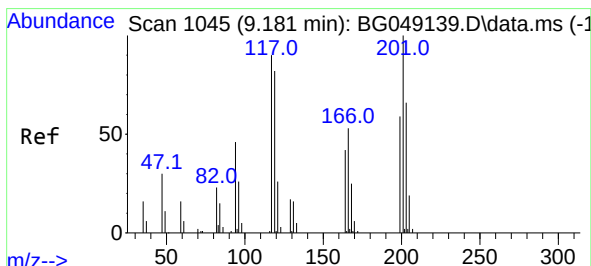
Tgt Ion:	107	Resp:	122816
Ion	Ratio	Lower	Upper
107	100		
108	105.5	84.6	127.0
77	57.4	50.7	76.1
79	62.3	49.4	74.0



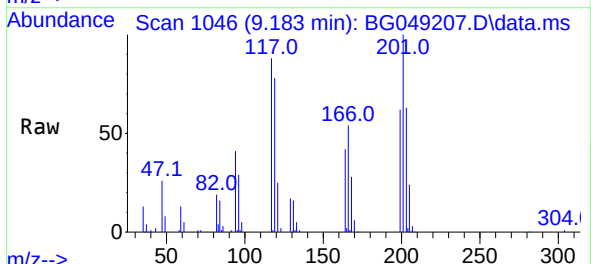
Instrument :
BNA_G
ClientSampleId :
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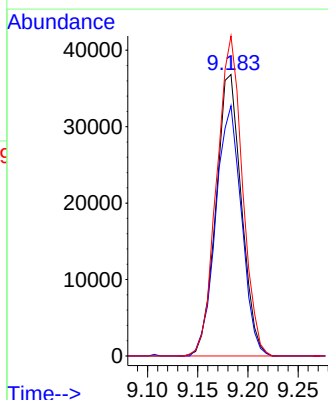
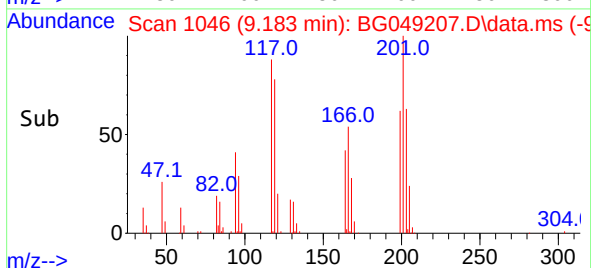
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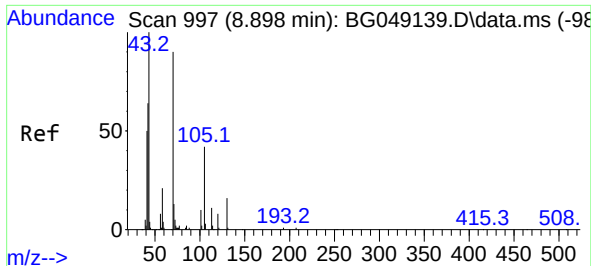


#18
Hexachloroethane
Concen: 48.182 ng
RT: 9.183 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



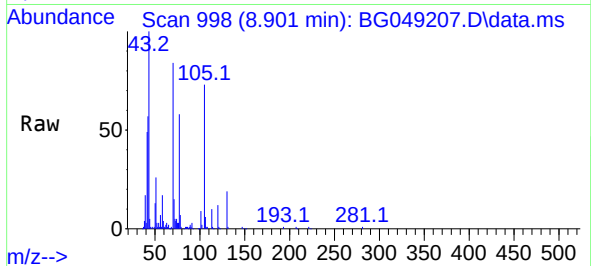
Tgt Ion:	117	Resp:	65053
Ion	Ratio	Lower	Upper
117	100		
119	88.9	74.4	111.6
201	113.7	88.6	133.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.778 ng
RT: 8.901 min Scan# 998
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

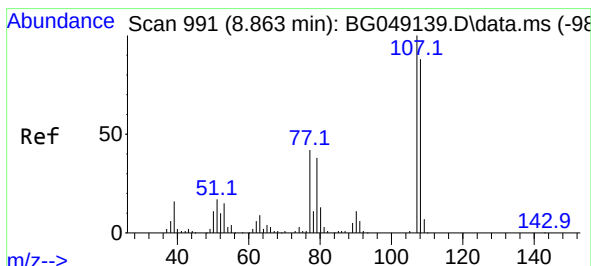
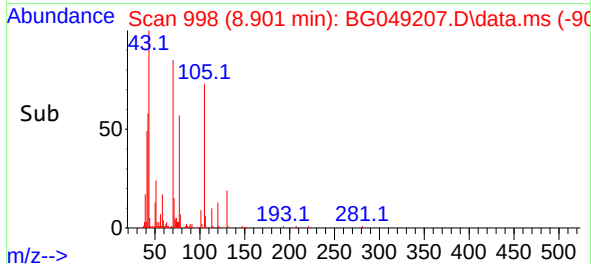
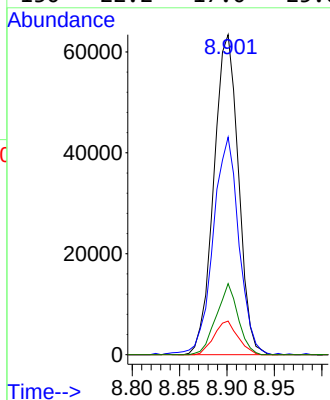
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



Tgt Ion: 70 Resp: 114482
Ion Ratio Lower Upper
70 100
42 68.0 54.5 81.7
101 10.5 9.0 13.6
130 22.2 17.0 25.6

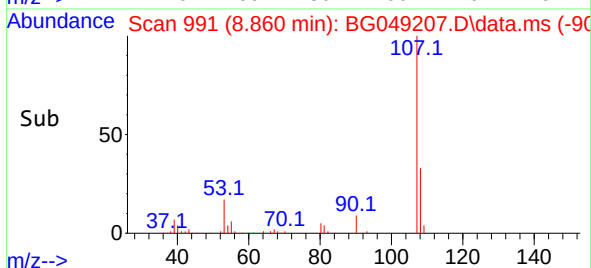
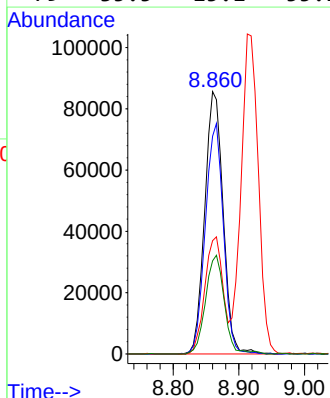
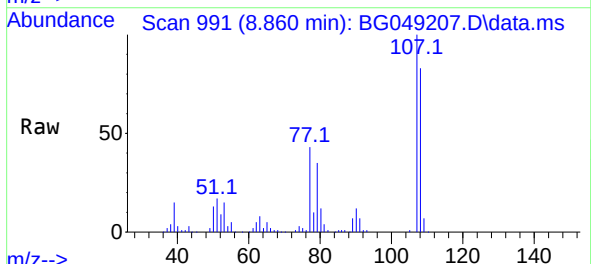
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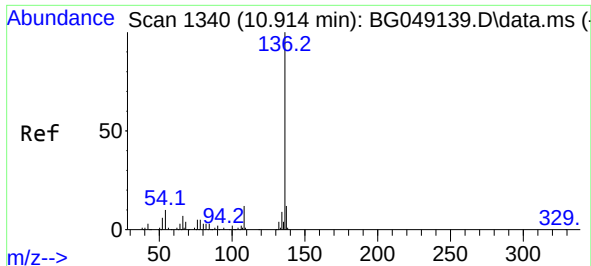
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#20
3+4-Methylphenols
Concen: 45.532 ng
RT: 8.860 min Scan# 991
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

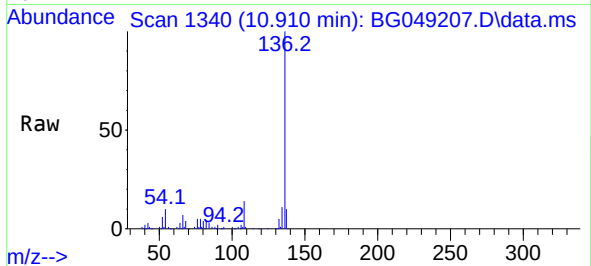
Tgt Ion: 107 Resp: 166918
Ion Ratio Lower Upper
107 100
108 83.0 69.3 109.3
77 43.2 25.2 65.2
79 35.5 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

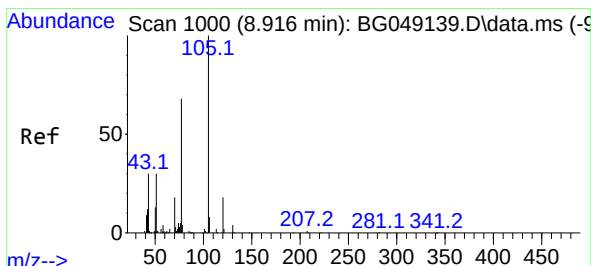
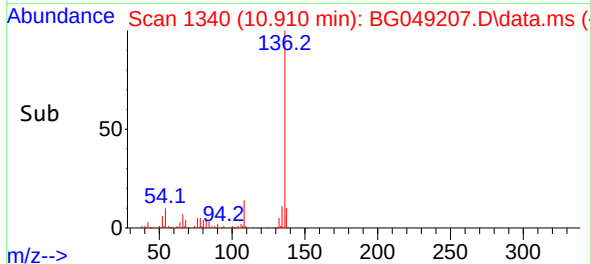
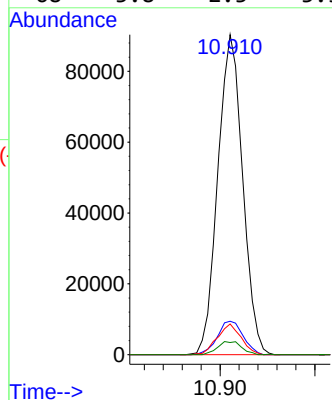
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	136	Resp:	164337
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	9.6	5.5	8.3#
68	3.8	2.3	3.5#

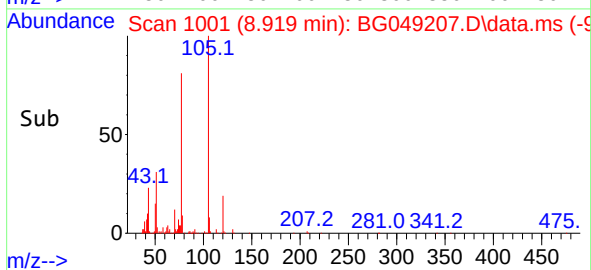
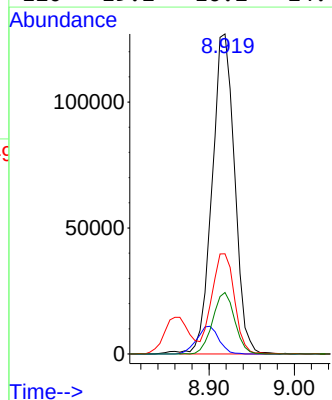
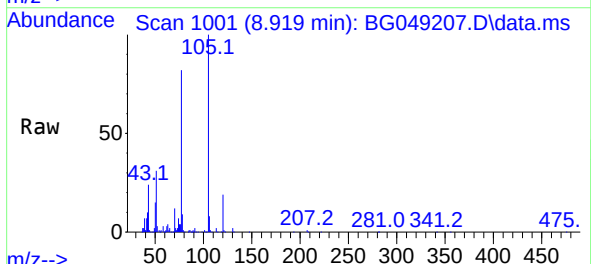
Manual Integrations
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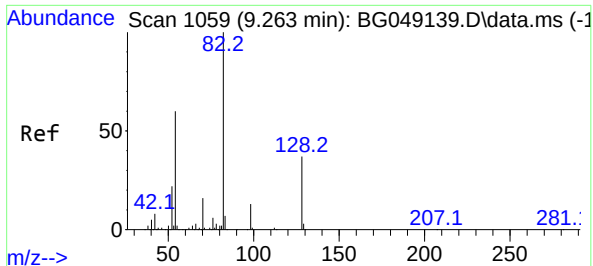
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#22
Acetophenone
Concen: 47.402 ng
RT: 8.919 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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





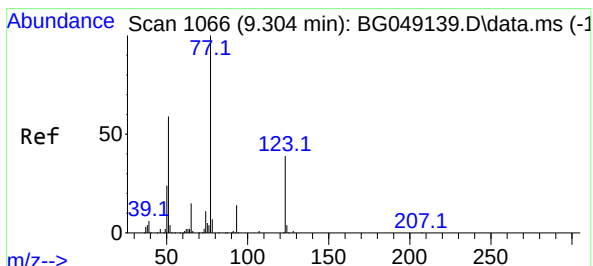
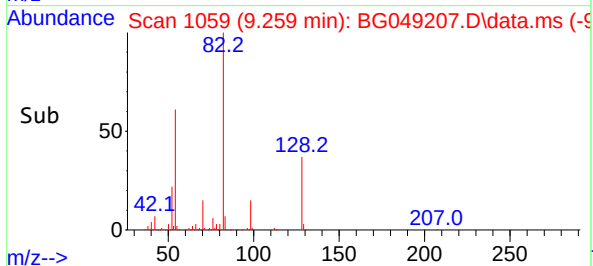
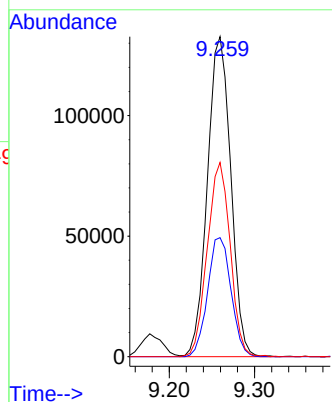
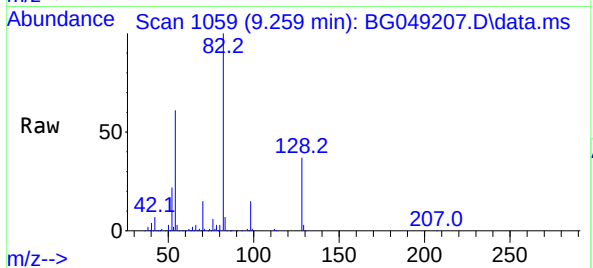
#23
Nitrobenzene-d5
Concen: 65.155 ng
RT: 9.259 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 82 Resp: 252549
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 60.7 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

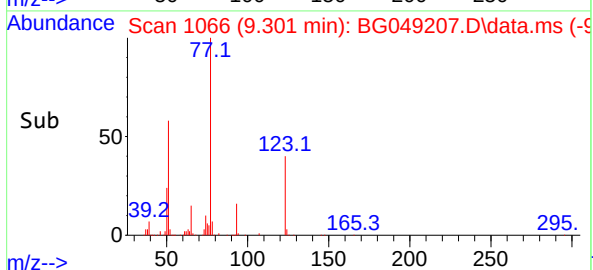
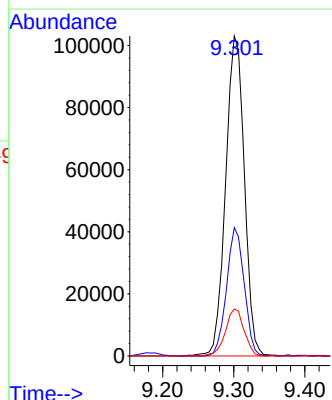
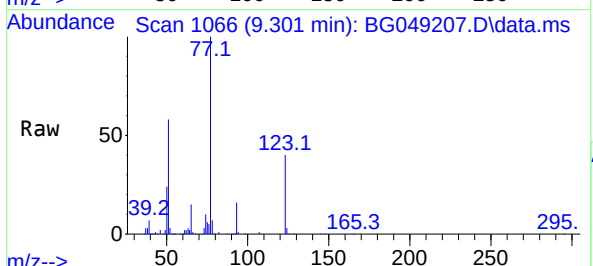
Manual Integrations
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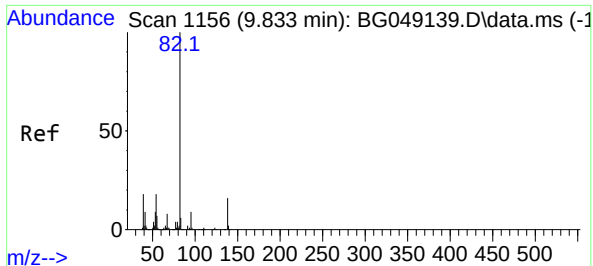
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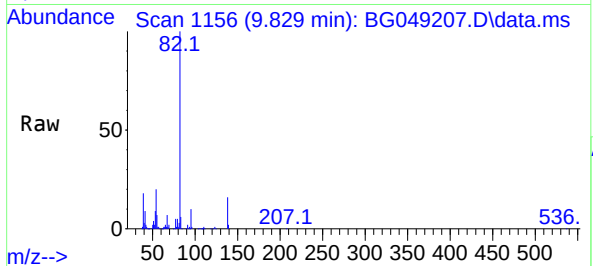
#24
Nitrobenzene
Concen: 44.865 ng
RT: 9.301 min Scan# 1066
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion: 77 Resp: 188427
Ion Ratio Lower Upper
77 100
123 40.1 27.5 41.3
65 14.7 12.6 18.8

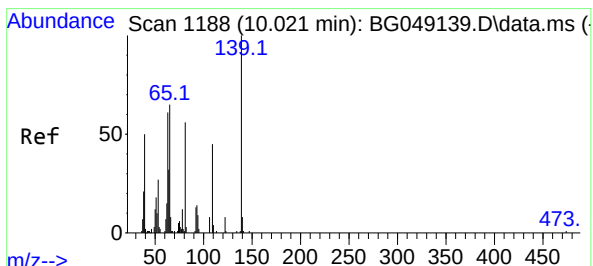
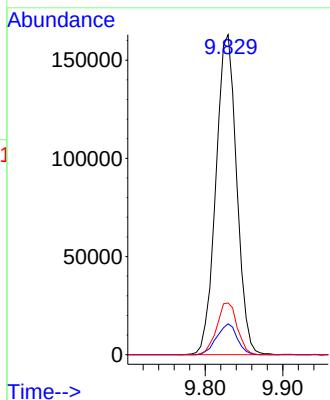
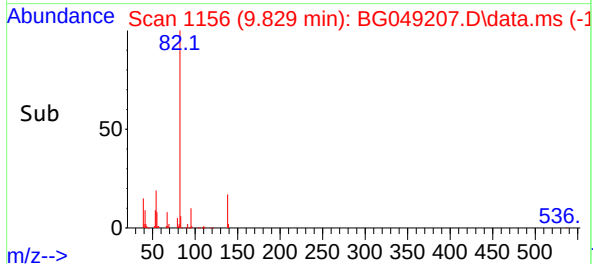




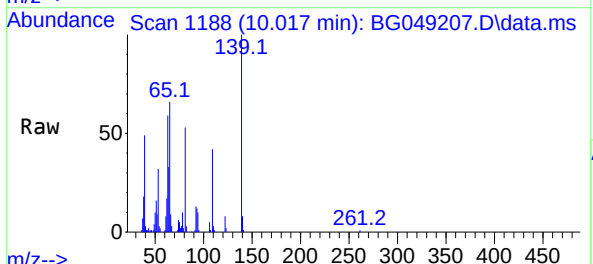
#25
Isophorone
Concen: 40.821 ng
RT: 9.829 min Scan# 1156
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



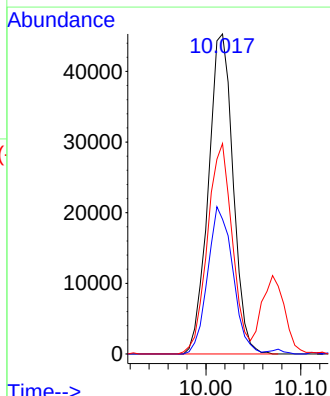
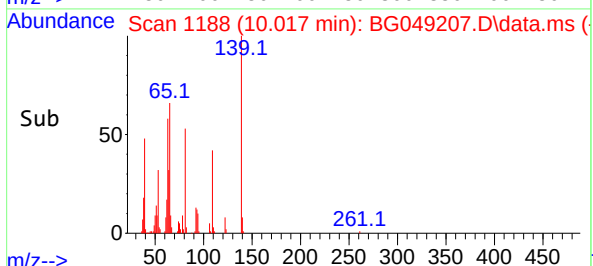
Tgt Ion: 82 Resp: 303935
Ion Ratio Lower Upper
82 100
95 9.6 8.5 12.7
138 16.1 11.8 17.6



#26
2-Nitrophenol
Concen: 49.112 ng
RT: 10.017 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



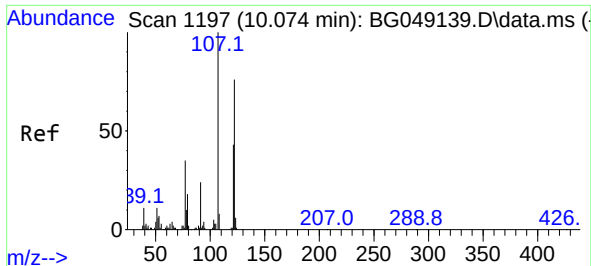
Tgt Ion: 139 Resp: 82116
Ion Ratio Lower Upper
139 100
109 42.1 37.8 56.6
65 65.7 51.8 77.8



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

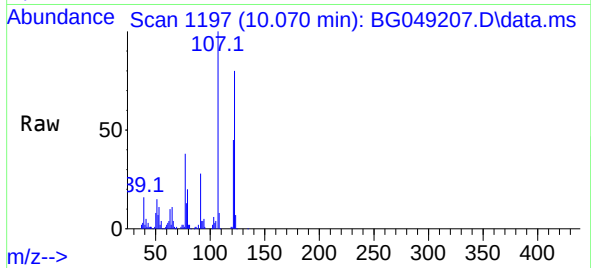
Manual Integrations
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#27
2,4-Dimethylphenol
Concen: 53.408 ng
RT: 10.070 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

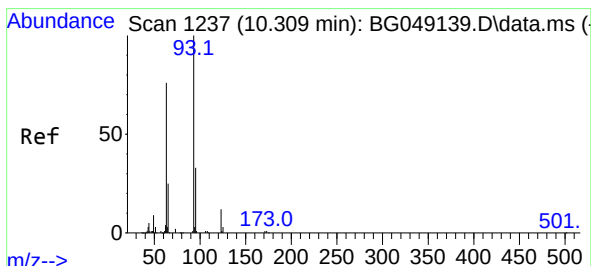
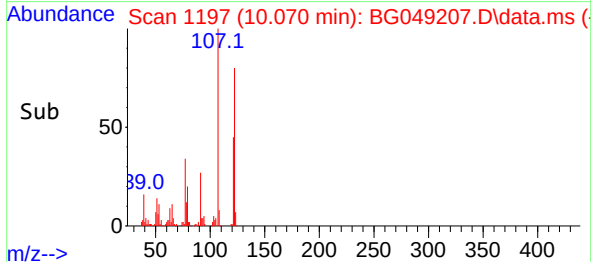
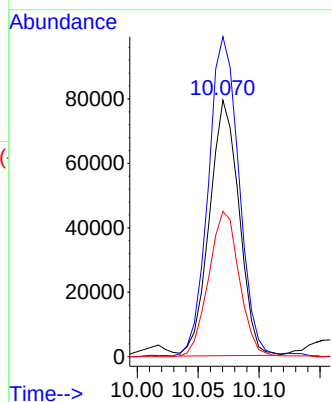
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



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

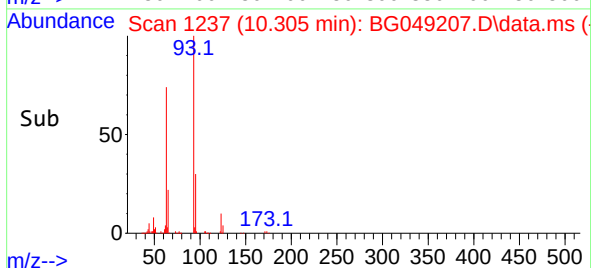
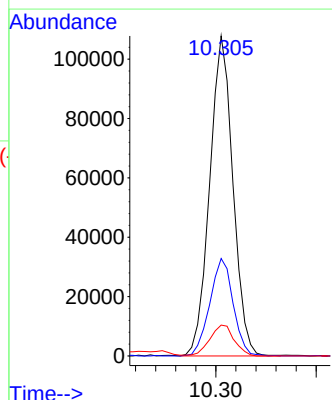
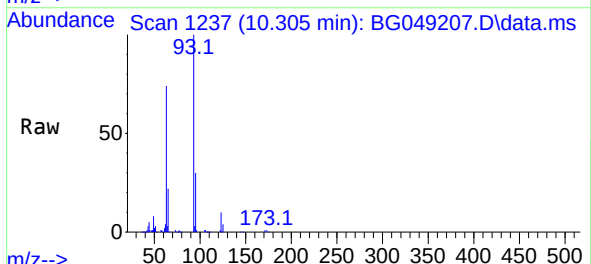
Manual Integrations
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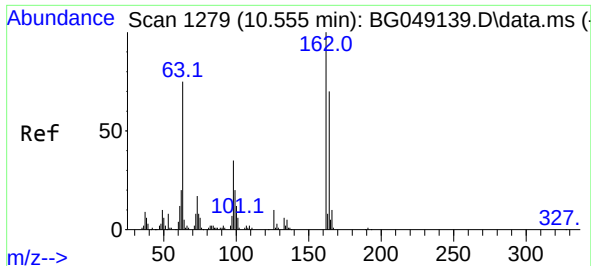
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#28
bis(2-Chloroethoxy)methane
Concen: 49.398 ng
RT: 10.305 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

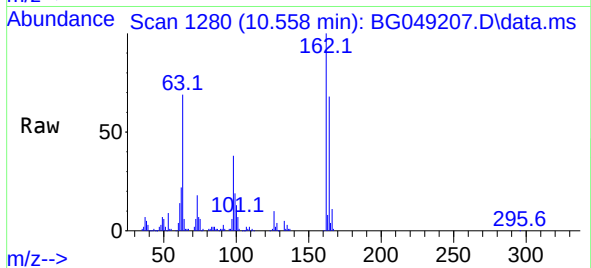
Tgt Ion: 93 Resp: 173433
Ion Ratio Lower Upper
93 100
95 30.5 22.2 33.4
123 9.7 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 47.930 ng
RT: 10.558 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

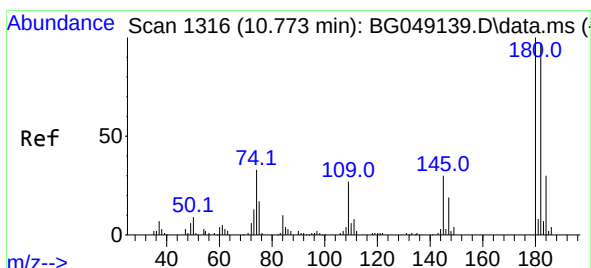
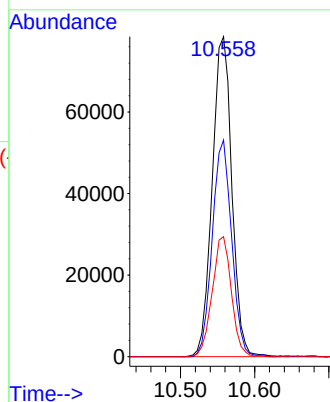
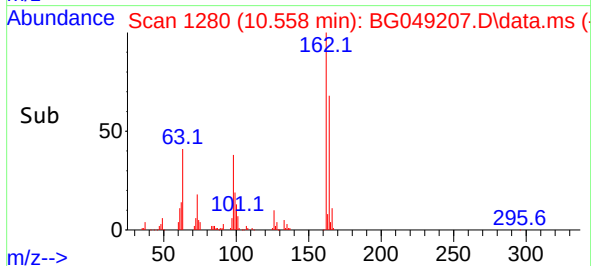
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



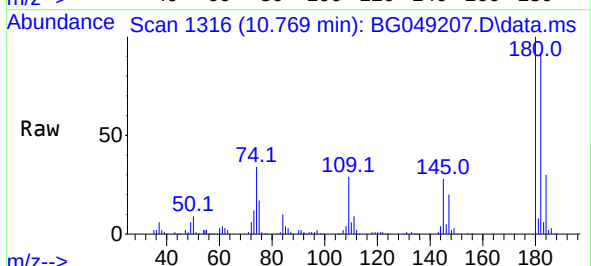
Tgt Ion:162 Resp: 144196
Ion Ratio Lower Upper
162 100
164 67.7 39.4 79.4
98 37.5 18.7 58.7

Manual Integrations
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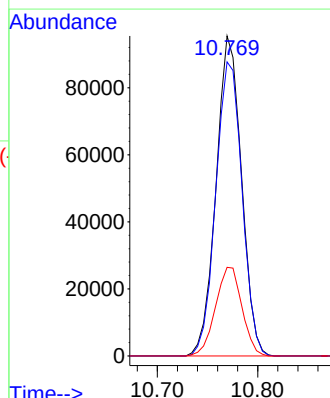
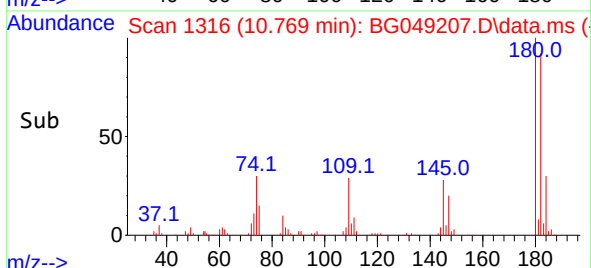
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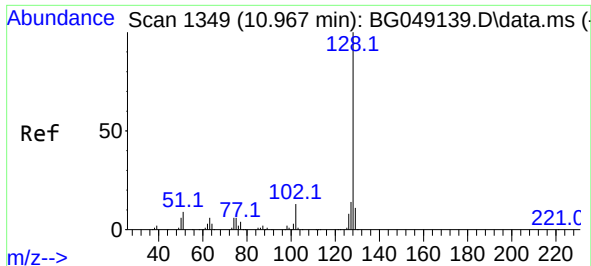


#30
1,2,4-Trichlorobenzene
Concen: 47.273 ng
RT: 10.769 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



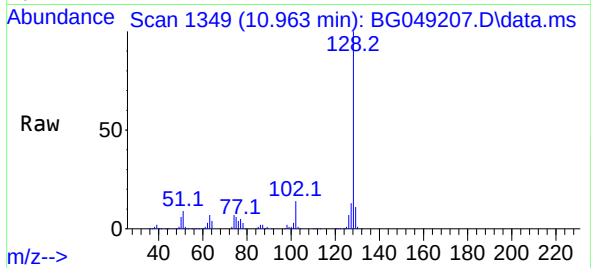
Tgt Ion:180 Resp: 167486
Ion Ratio Lower Upper
180 100
182 91.9 78.9 118.3
145 27.7 26.2 39.4





#31
Naphthalene
Concen: 45.701 ng
RT: 10.963 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

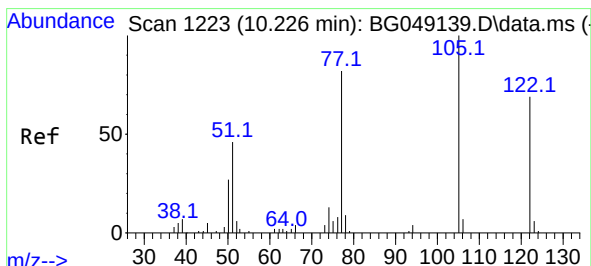
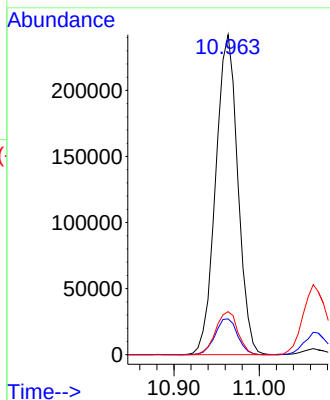
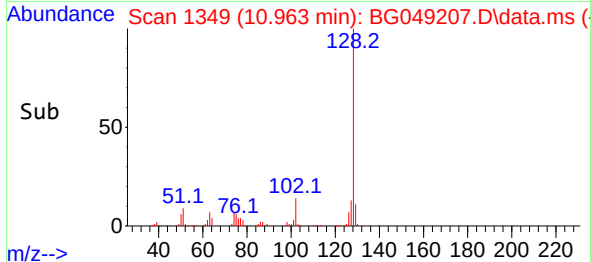
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



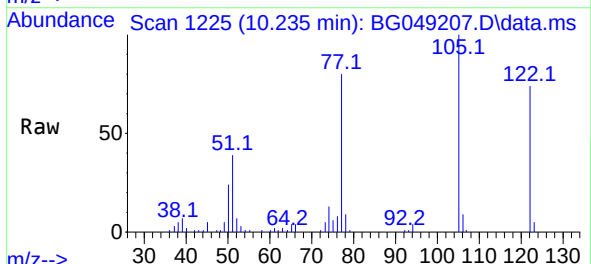
Tgt Ion:128 Resp: 437274
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 10.2 15.4

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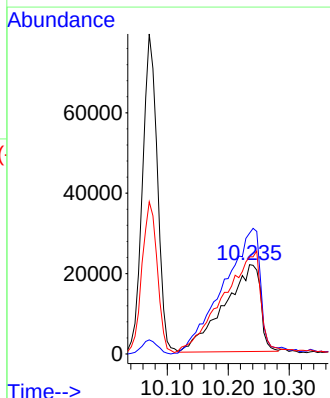
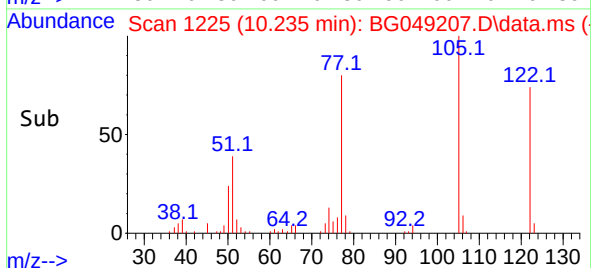
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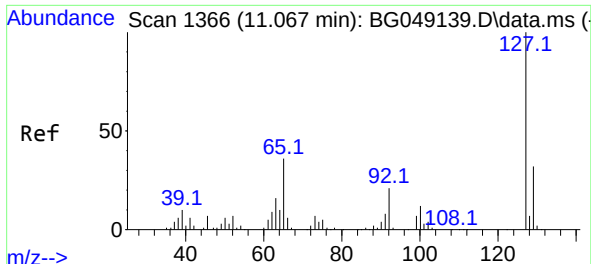


#32
Benzoic acid
Concen: 44.941 ng
RT: 10.235 min Scan# 1225
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



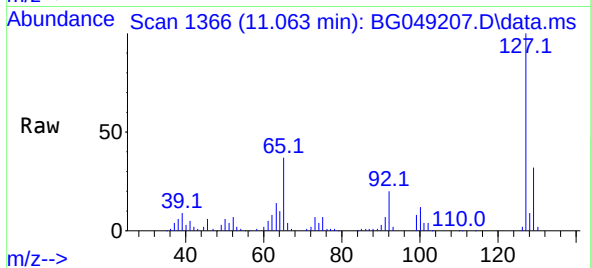
Tgt Ion:122 Resp: 90122
Ion Ratio Lower Upper
122 100
105 135.2 92.3 132.3#
77 108.7 66.5 106.5#





#33
4-Chloroaniline
Concen: 26.145 ng
RT: 11.063 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

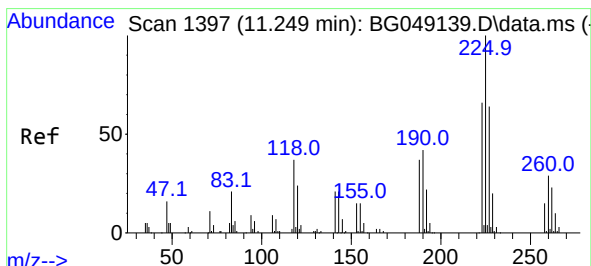
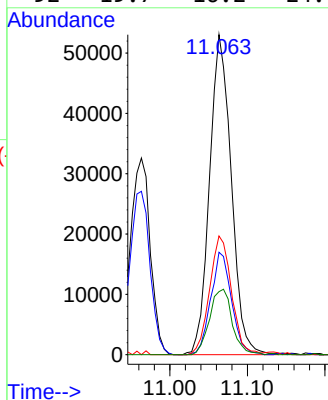
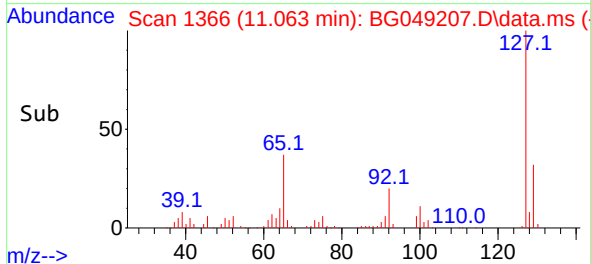


Tgt Ion:127 Resp: 103438

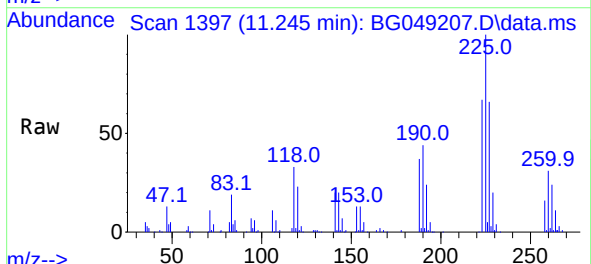
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	37.1	32.8	49.2
92	19.7	16.2	24.4

Manual Integrations
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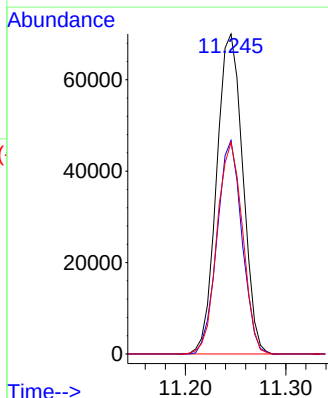
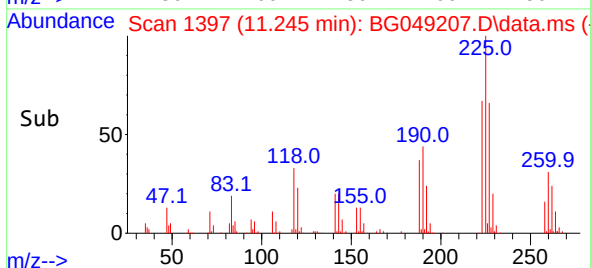


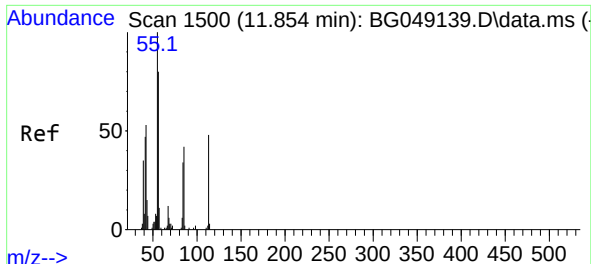
#34
Hexachlorobutadiene
Concen: 48.355 ng
RT: 11.245 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



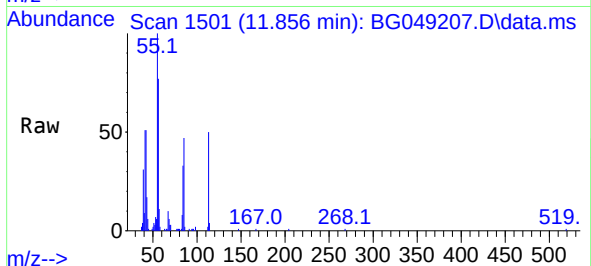
Tgt Ion:225 Resp: 126574

Ion	Ratio	Lower	Upper
225	100		
223	66.7	49.8	74.8
227	66.1	46.4	69.6

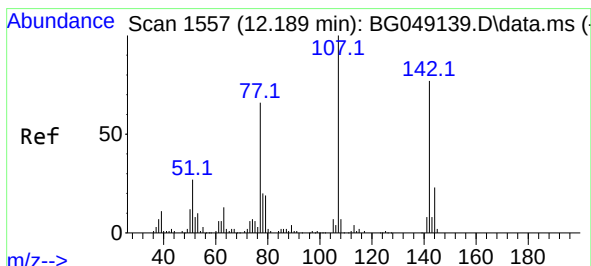
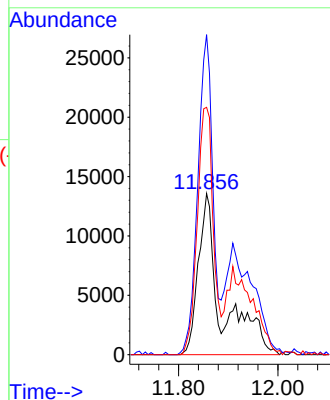
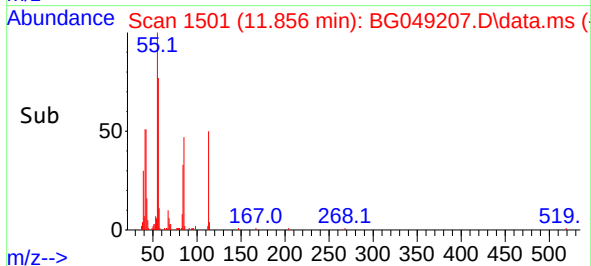




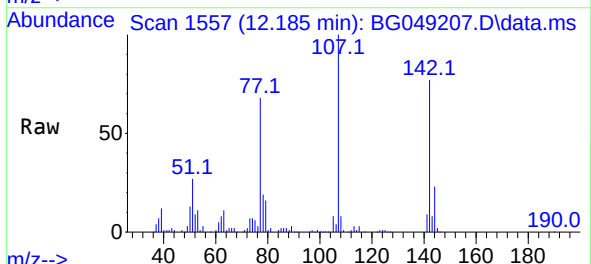
#35
Caprolactam
Concen: 46.105 ng m
RT: 11.856 min Scan# 1501
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



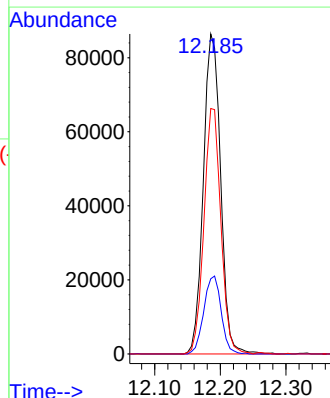
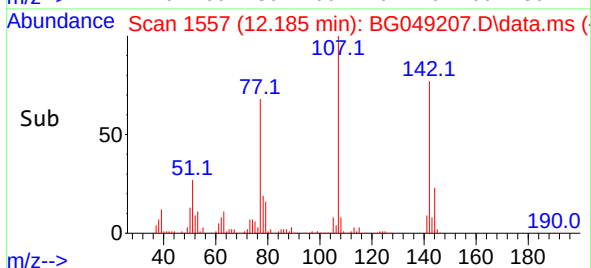
Tgt Ion:113 Resp: 44023
Ion Ratio Lower Upper
113 100
55 198.7 113.8 153.8#
56 153.6 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 45.738 ng
RT: 12.185 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



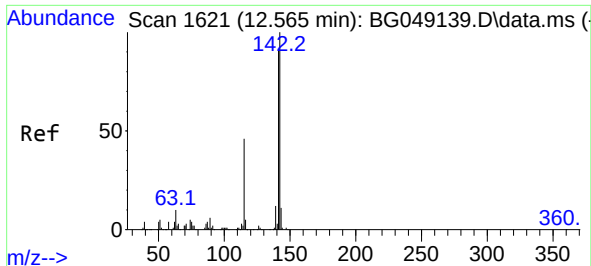
Tgt Ion:107 Resp: 158331
Ion Ratio Lower Upper
107 100
144 23.5 24.8 37.2#
142 76.7 62.2 93.4



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

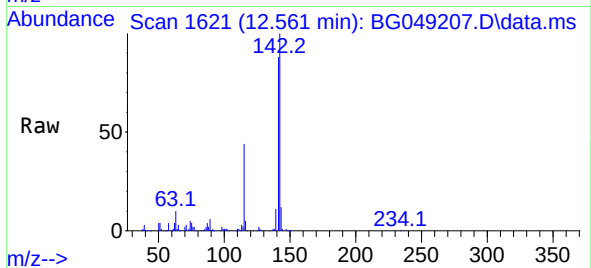
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#37
2-Methylnaphthalene
Concen: 45.418 ng
RT: 12.561 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

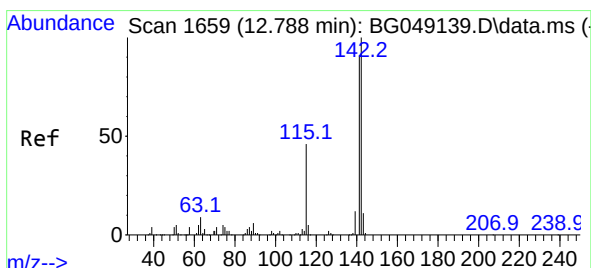
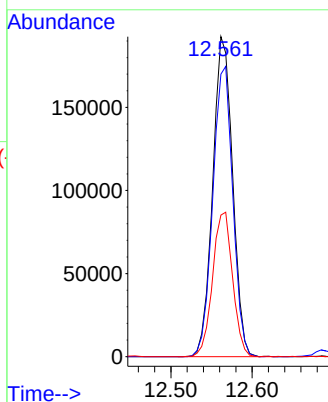
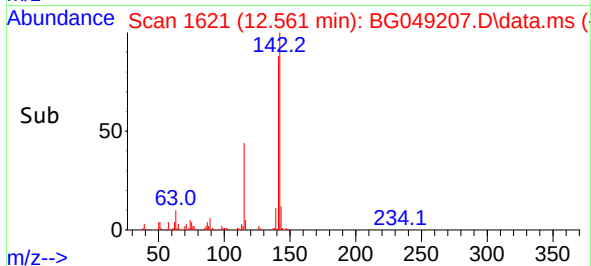
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



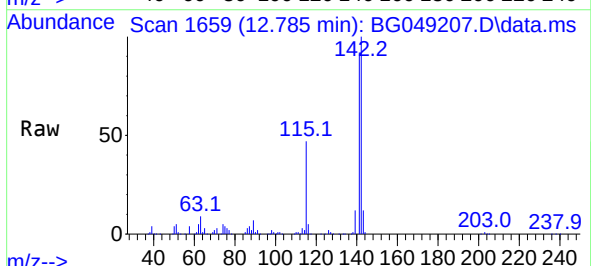
Tgt Ion:142 Resp: 327251
Ion Ratio Lower Upper
142 100
141 88.3 68.8 103.2
115 44.3 36.4 54.6

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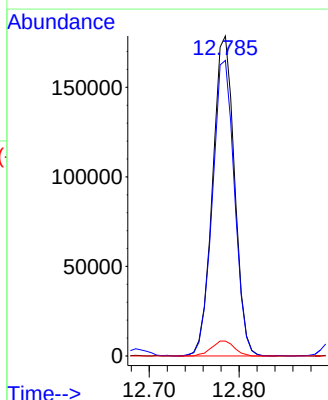
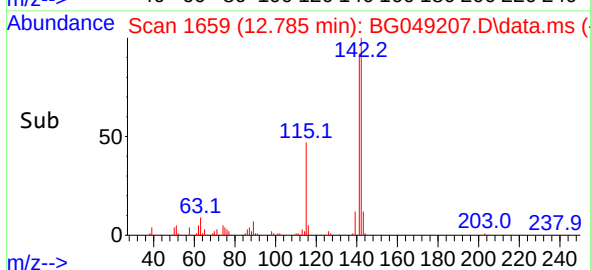
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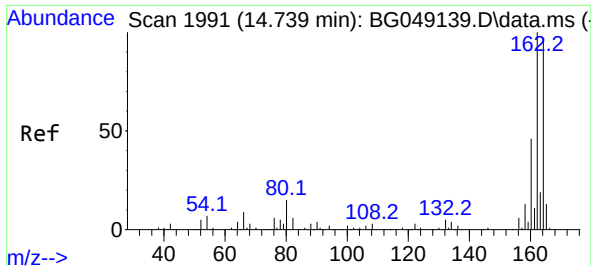


#38
1-Methylnaphthalene
Concen: 44.213 ng
RT: 12.785 min Scan# 1659
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



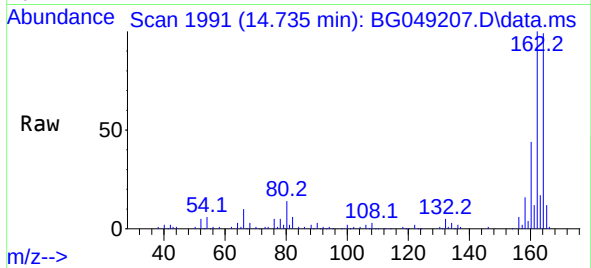
Tgt Ion:142 Resp: 301700
Ion Ratio Lower Upper
142 100
141 92.4 70.6 106.0
116 4.7 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.735 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

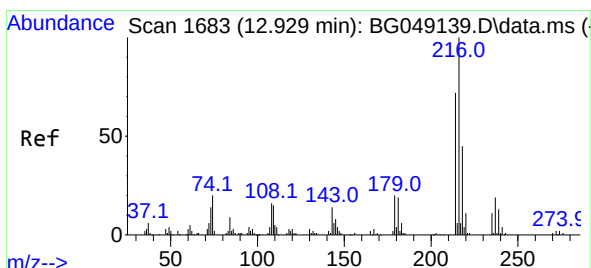
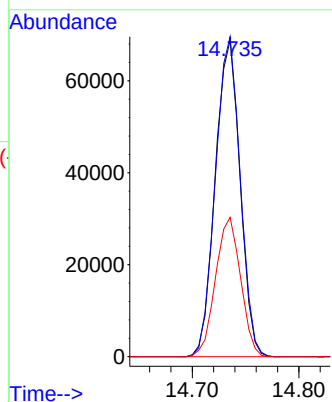
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



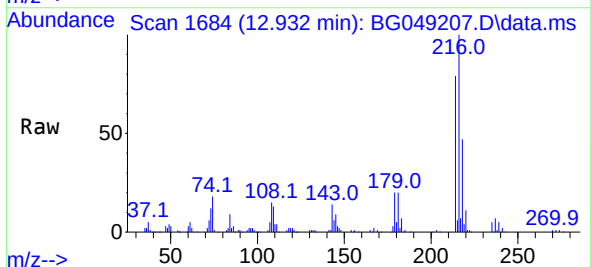
Tgt Ion:164 Resp: 110743
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 44.0 34.9 52.3

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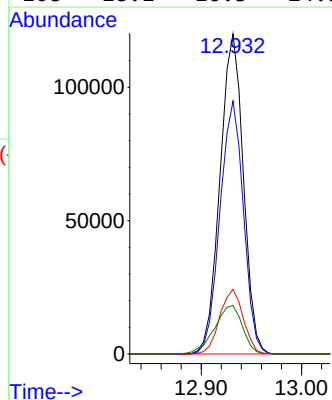
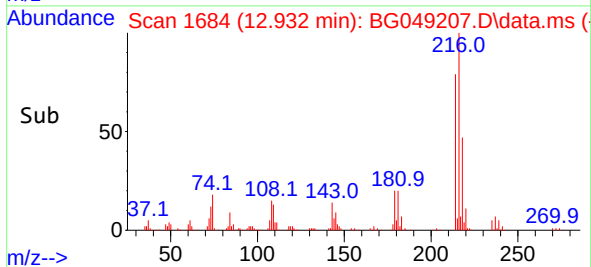
mohammad
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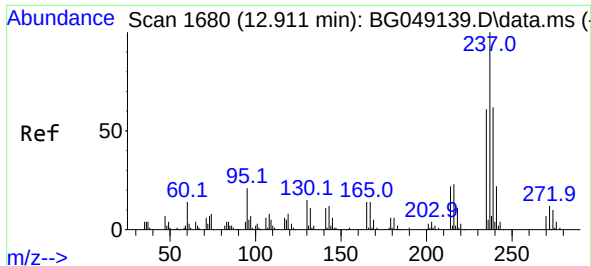


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.169 ng
RT: 12.932 min Scan# 1684
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



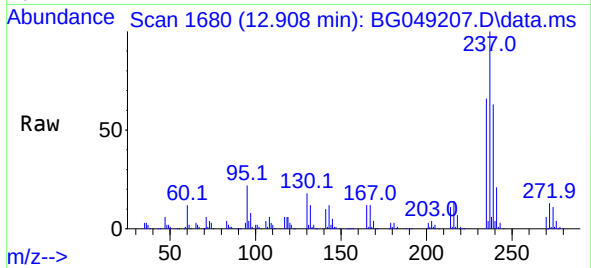
Tgt Ion:216 Resp: 193826
Ion Ratio Lower Upper
216 100
214 79.4 61.4 92.2
179 20.3 17.3 25.9
108 18.1 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 73.443 ng
RT: 12.908 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

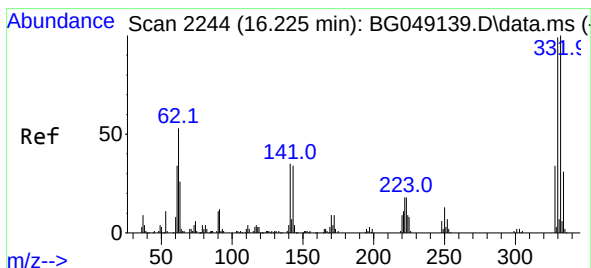
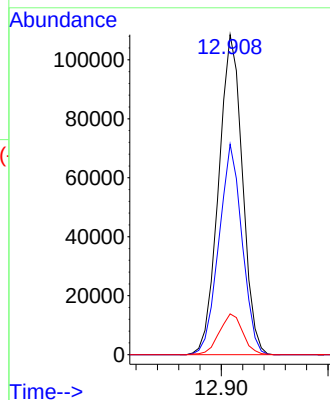
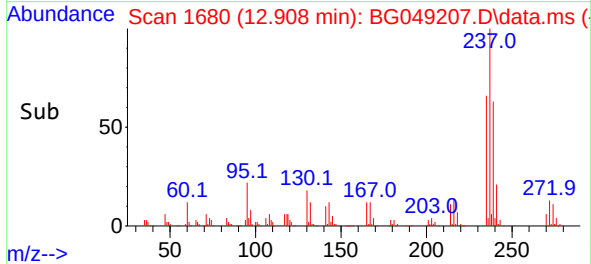
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



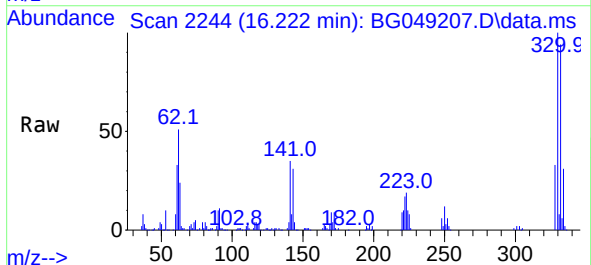
Tgt Ion:237 Resp: 168075
Ion Ratio Lower Upper
237 100
235 65.8 36.6 76.6
272 12.8 0.0 32.5

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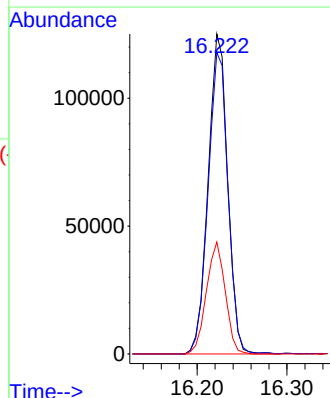
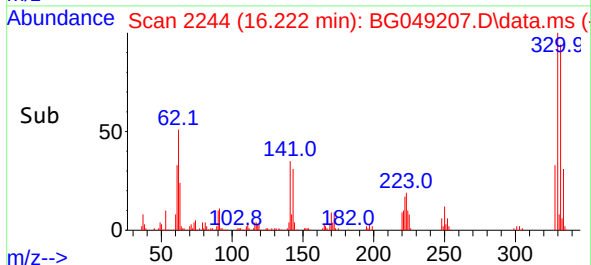
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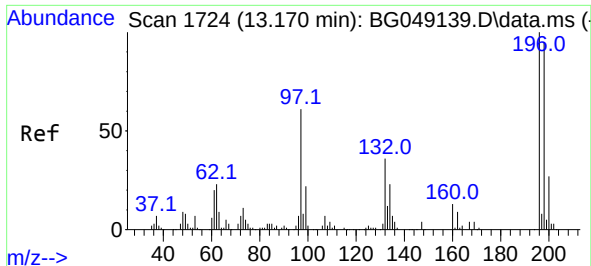


#42
2,4,6-Tribromophenol
Concen: 98.150 ng
RT: 16.222 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



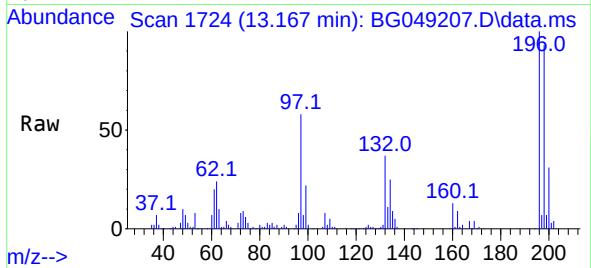
Tgt Ion:330 Resp: 188425
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 33.8 35.6 53.4#





#43
2,4,6-Trichlorophenol
Concen: 49.353 ng
RT: 13.167 min Scan# 1724
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

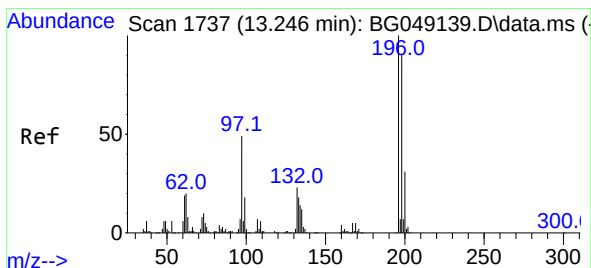
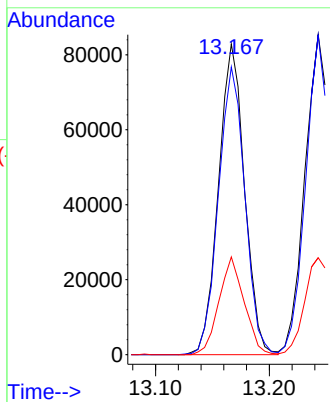
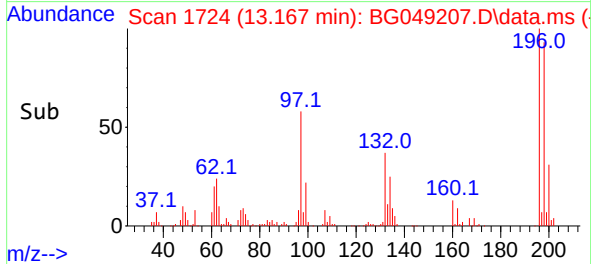
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



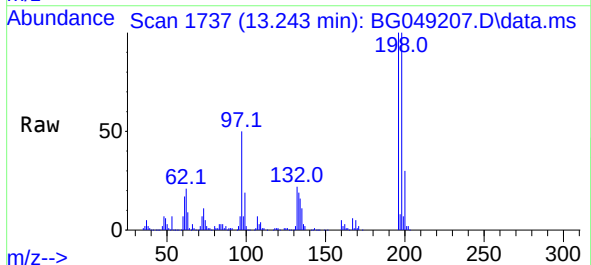
Tgt Ion:196 Resp: 131667
Ion Ratio Lower Upper
196 100
198 92.6 82.1 123.1
200 31.5 23.8 35.8

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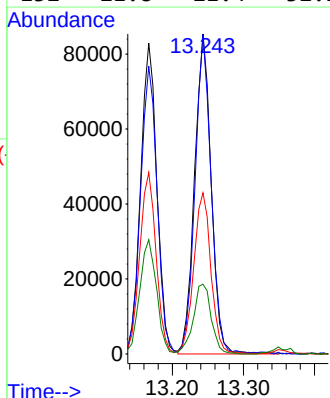
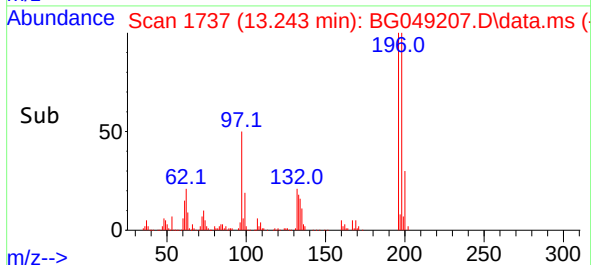
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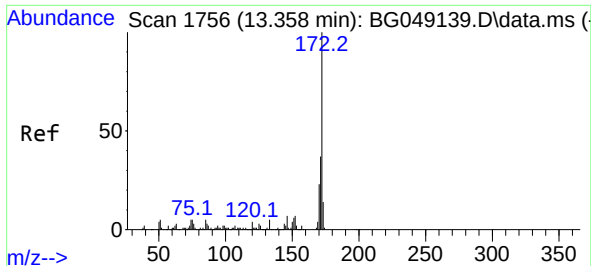


#44
2,4,5-Trichlorophenol
Concen: 47.736 ng
RT: 13.243 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





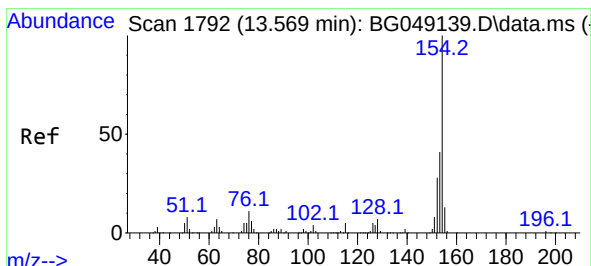
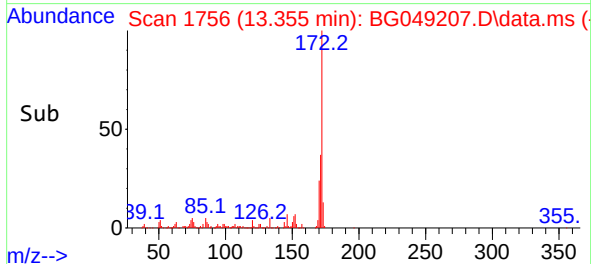
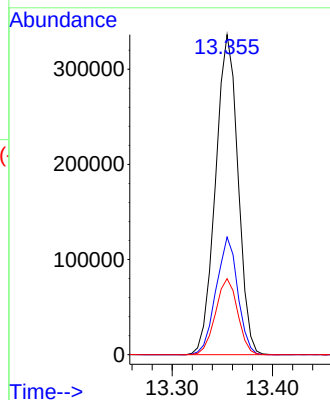
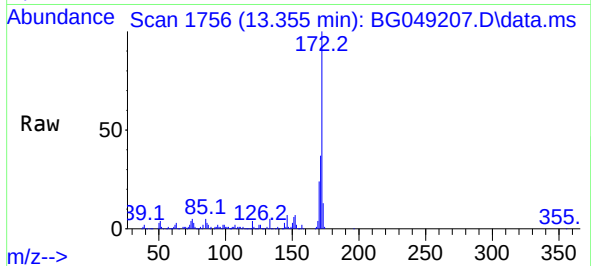
#45
2-Fluorobiphenyl
Concen: 63.646 ng
RT: 13.355 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

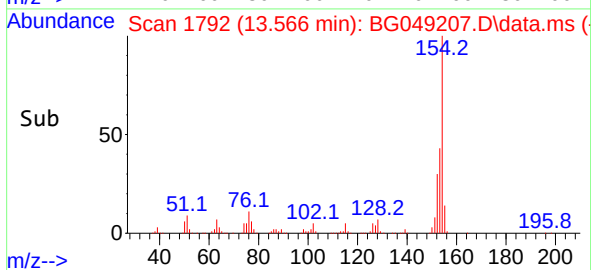
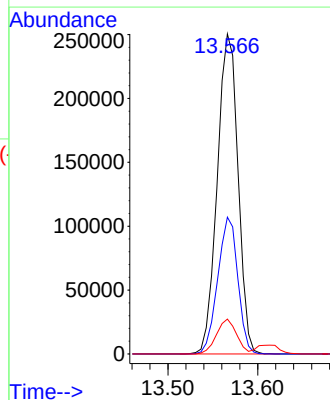
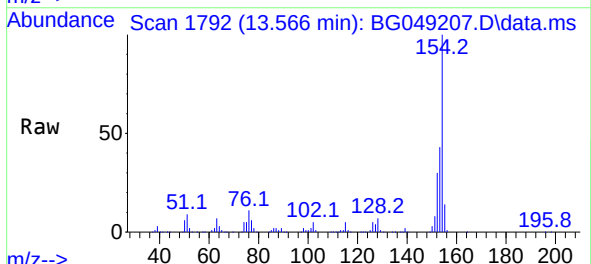
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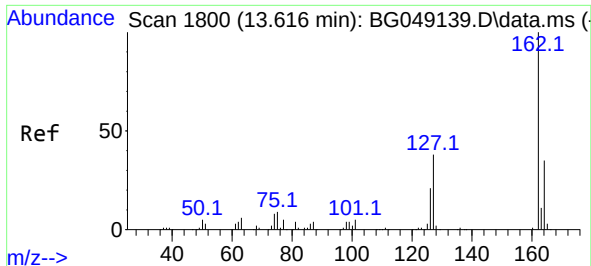
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#46
1,1'-Biphenyl
Concen: 48.588 ng
RT: 13.566 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

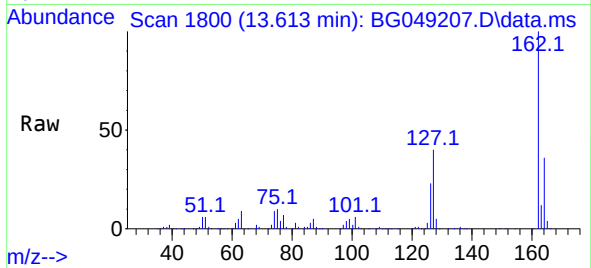
Tgt Ion:154 Resp: 401965
Ion Ratio Lower Upper
154 100
153 42.7 20.5 60.5
76 10.9 0.0 29.3





#47
2-Chloronaphthalene
Concen: 47.176 ng
RT: 13.613 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

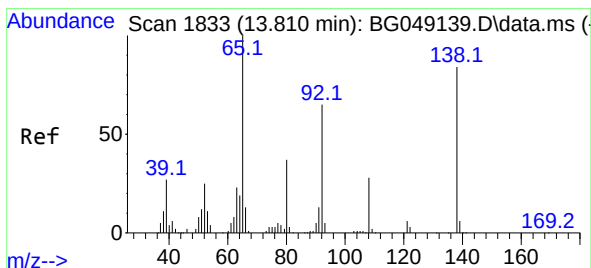
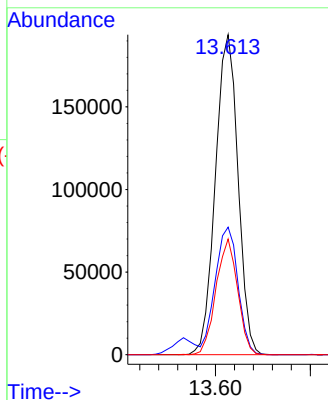
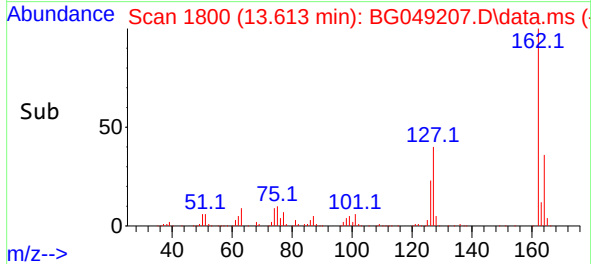
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



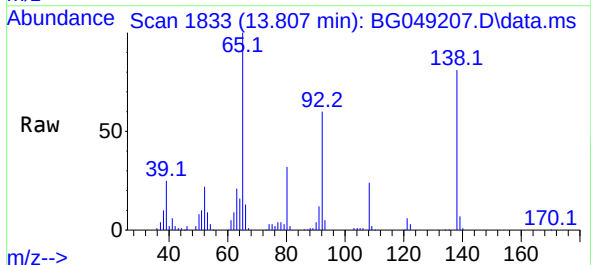
Tgt Ion:162 Resp: 321154
Ion Ratio Lower Upper
162 100
127 39.9 32.7 49.1
164 36.1 27.0 40.4

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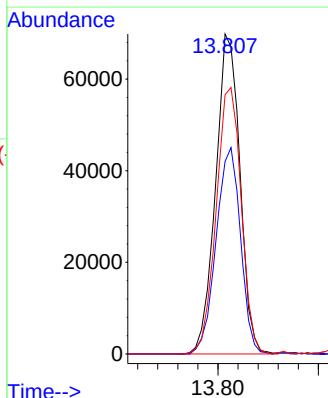
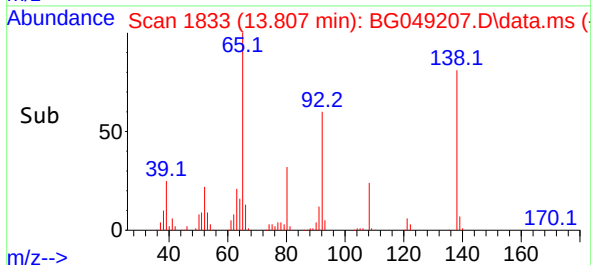
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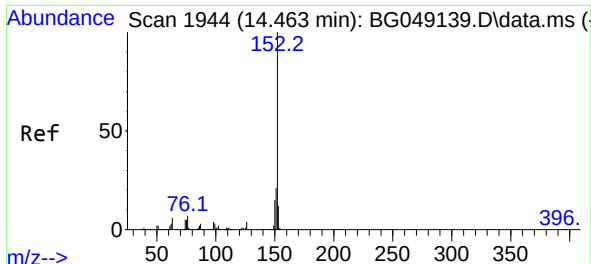


#48
2-Nitroaniline
Concen: 47.291 ng
RT: 13.807 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



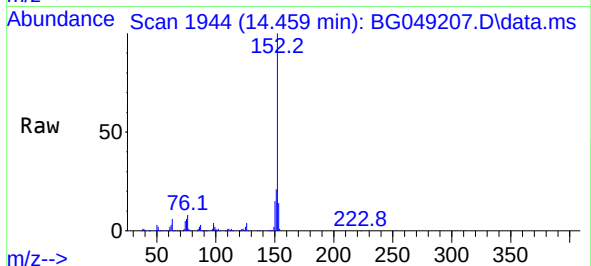
Tgt Ion: 65 Resp: 117391
Ion Ratio Lower Upper
65 100
92 60.2 47.2 70.8
138 81.0 68.0 102.0





#49
Acenaphthylene
Concen: 47.398 ng
RT: 14.459 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

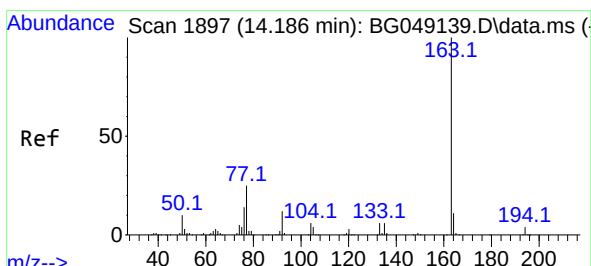
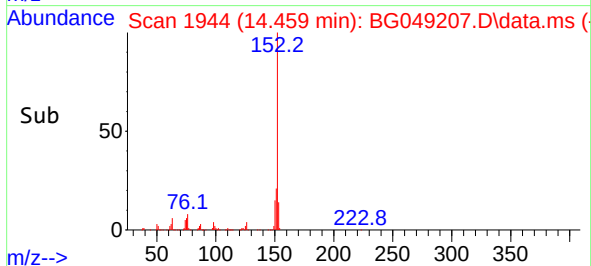
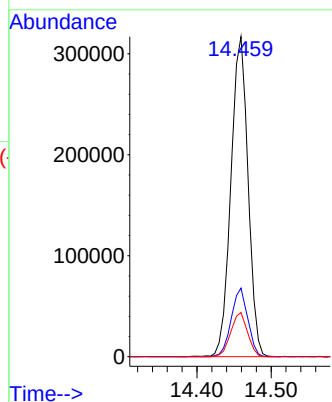
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



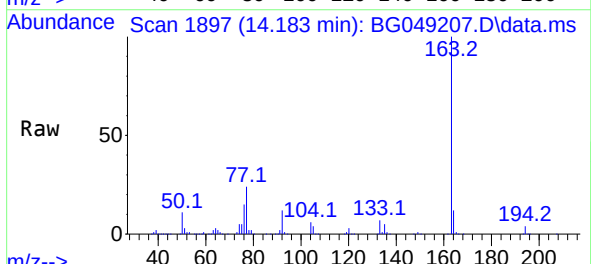
Tgt Ion:152 Resp: 508701
Ion Ratio Lower Upper
152 100
151 21.5 18.2 27.4
153 13.8 11.7 17.5

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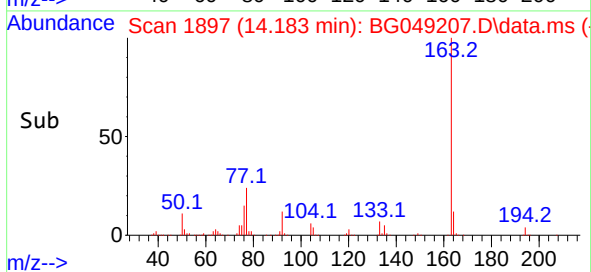
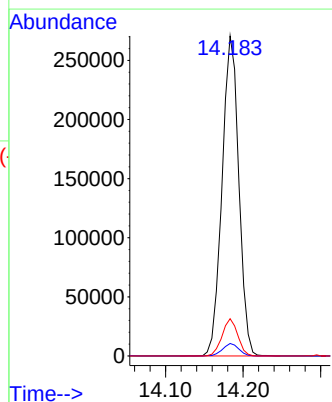
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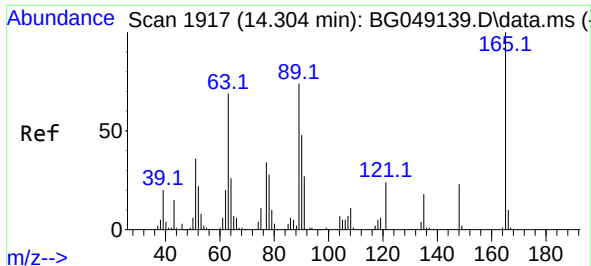


#50
Dimethylphthalate
Concen: 45.827 ng
RT: 14.183 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

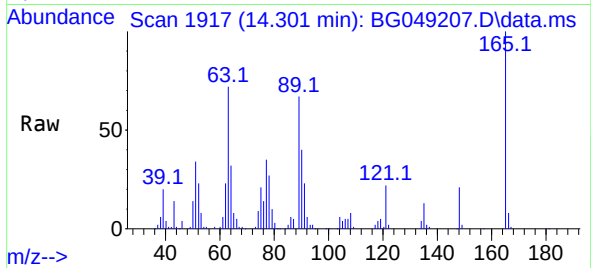


Tgt Ion:163 Resp: 407298
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.6 8.6 12.8

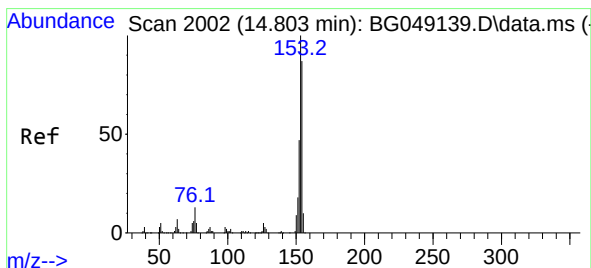
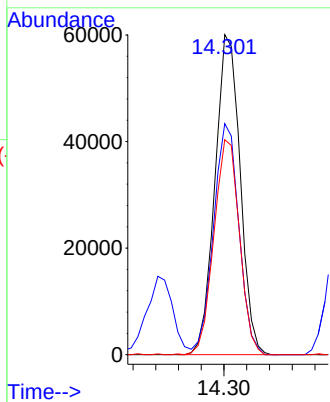
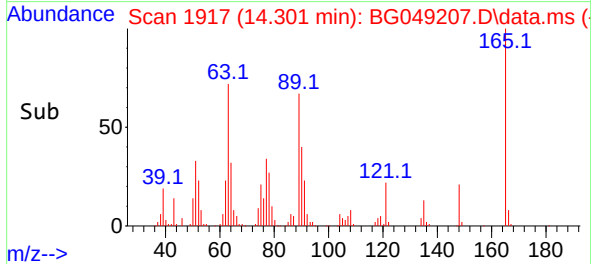




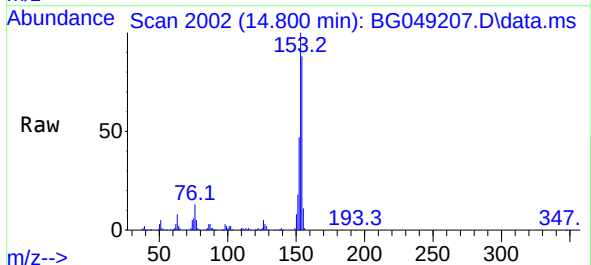
#51
2,6-Dinitrotoluene
Concen: 45.338 ng
RT: 14.301 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



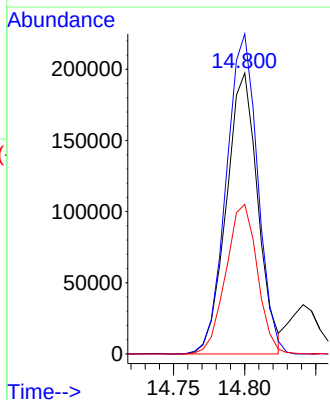
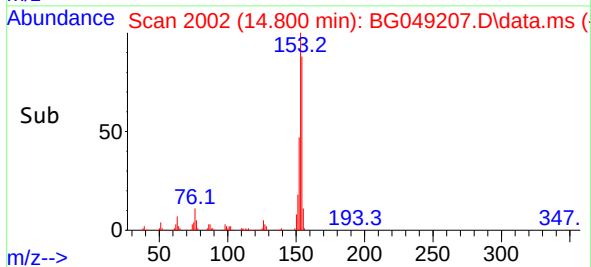
Tgt Ion:165 Resp: 92373
Ion Ratio Lower Upper
165 100
63 72.2 63.3 94.9
89 67.2 63.4 95.0



#52
Acenaphthene
Concen: 45.513 ng
RT: 14.800 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



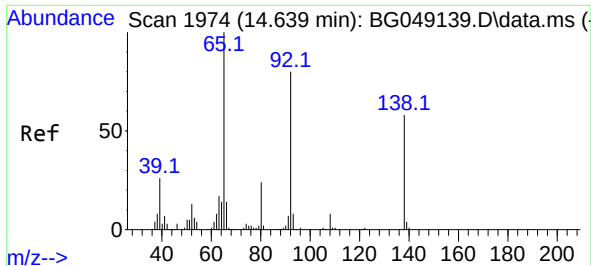
Tgt Ion:154 Resp: 304441
Ion Ratio Lower Upper
154 100
153 113.9 87.0 130.4
152 53.3 40.1 60.1



Instrument :
BNA_G
ClientSampleId :
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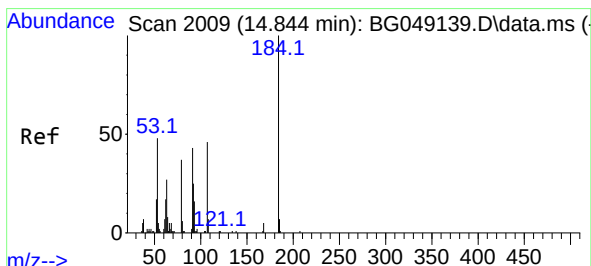
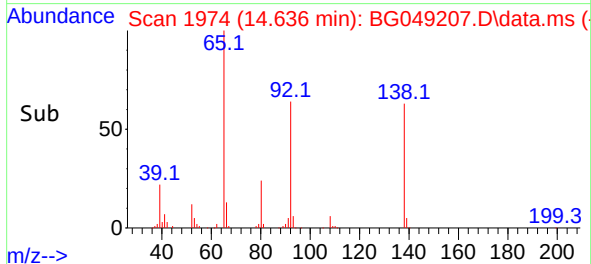
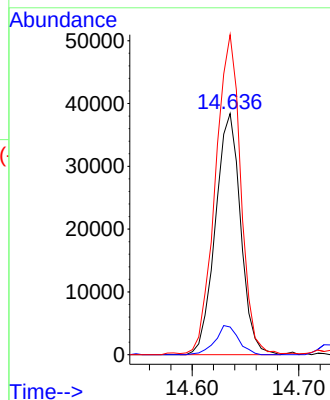
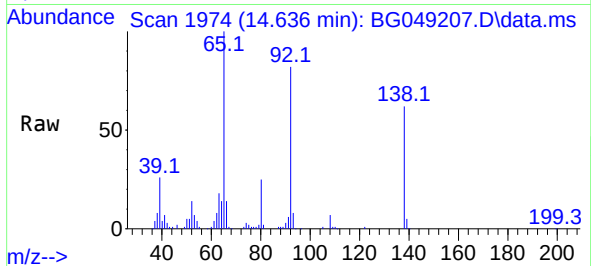
#53
3-Nitroaniline
Concen: 32.197 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

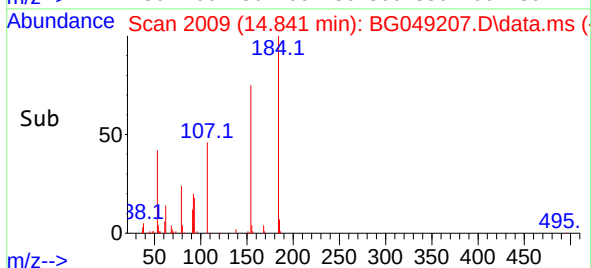
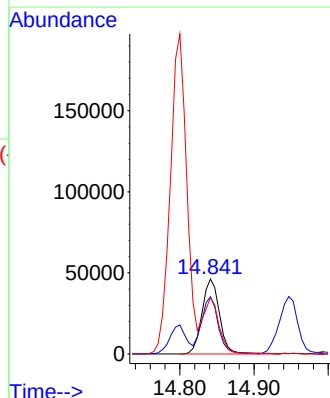
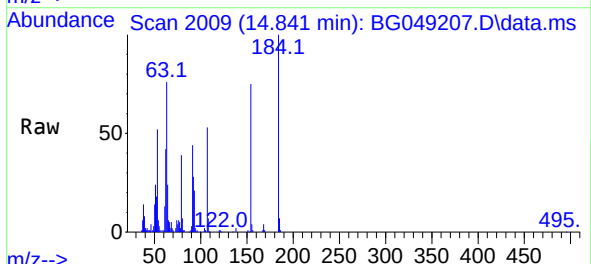
Manual Integrations
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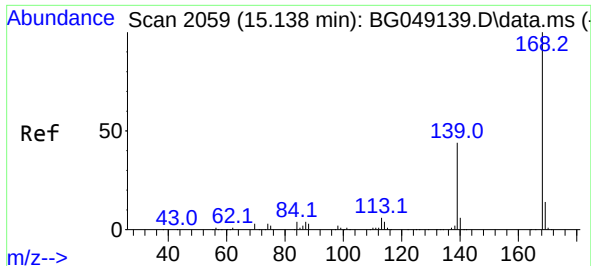
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#54
2,4-Dinitrophenol
Concen: 55.584 ng
RT: 14.841 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

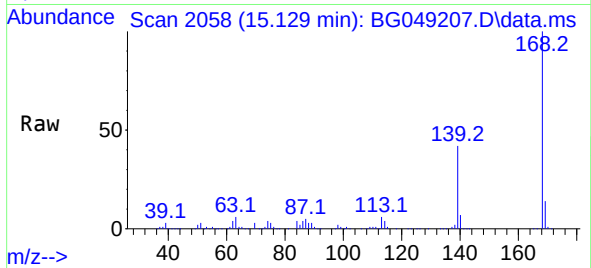
Tgt Ion:184 Resp: 75407
Ion Ratio Lower Upper
184 100
63 76.2 68.3 102.5
154 74.8 62.6 93.8





#55
Dibenzofuran
Concen: 44.664 ng
RT: 15.129 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

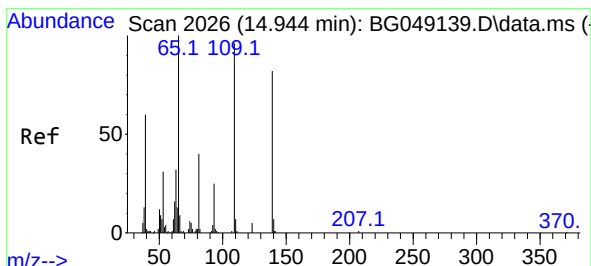
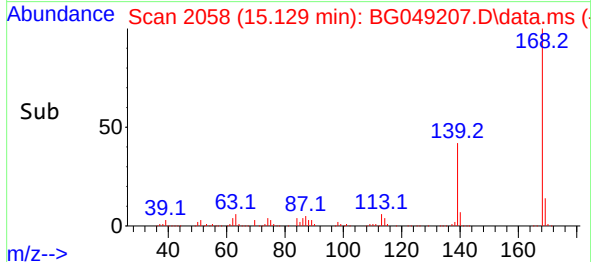
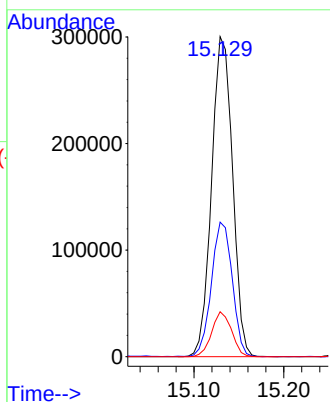
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



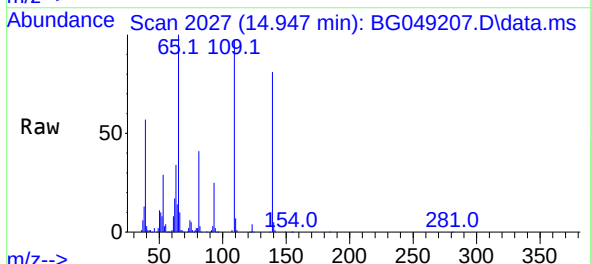
Tgt Ion:168 Resp: 486356
Ion Ratio Lower Upper
168 100
139 42.1 33.4 50.2
169 14.1 12.3 18.5

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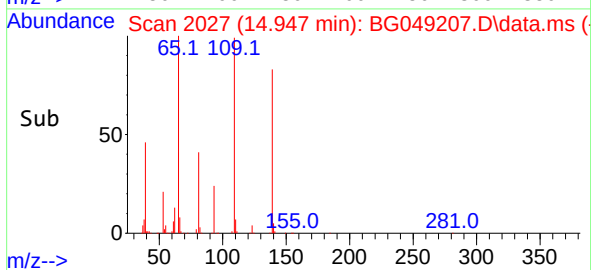
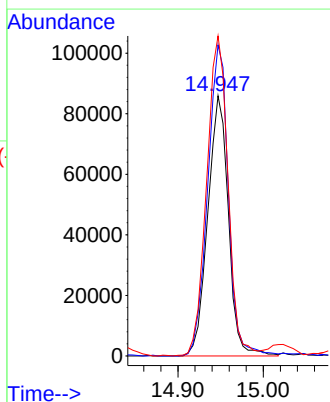
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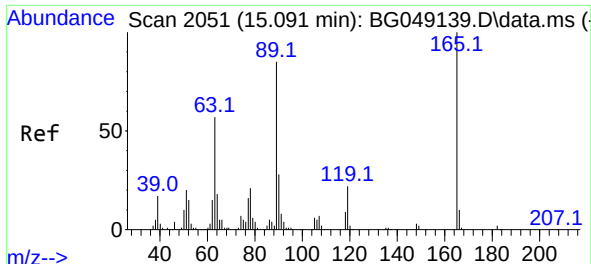


#56
4-Nitrophenol
Concen: 90.428 ng
RT: 14.947 min Scan# 2027
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



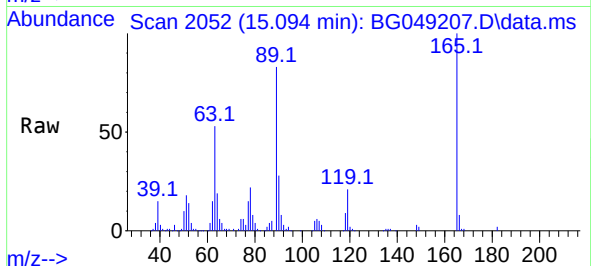
Tgt Ion:139 Resp: 144218
Ion Ratio Lower Upper
139 100
109 119.6 116.3 156.3
65 123.0 105.0 145.0





#57
2,4-Dinitrotoluene
Concen: 44.678 ng
RT: 15.094 min Scan# 2052
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

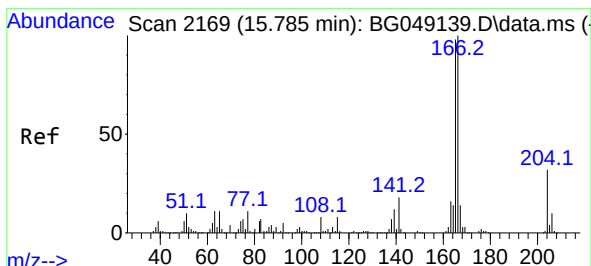
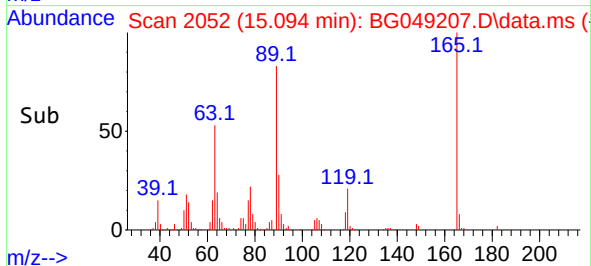
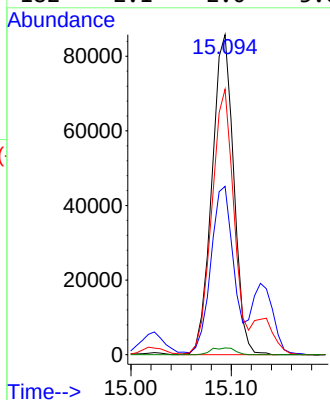
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



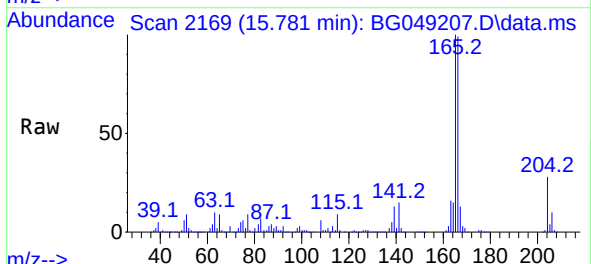
Tgt Ion:165 Resp: 129304
Ion Ratio Lower Upper
165 100
63 52.6 48.0 72.0
89 83.0 65.4 98.0
182 2.1 2.0 3.0

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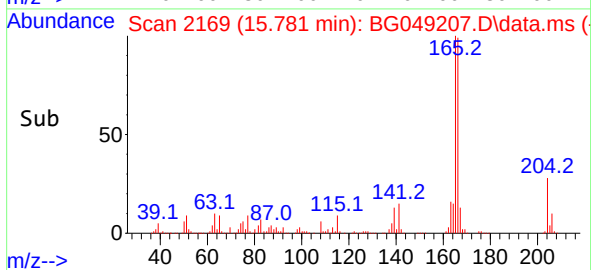
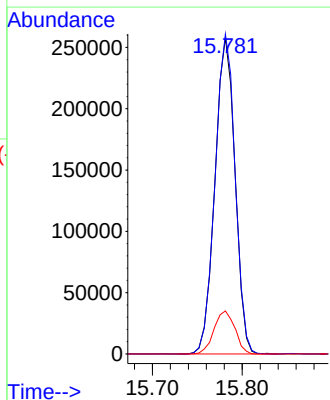
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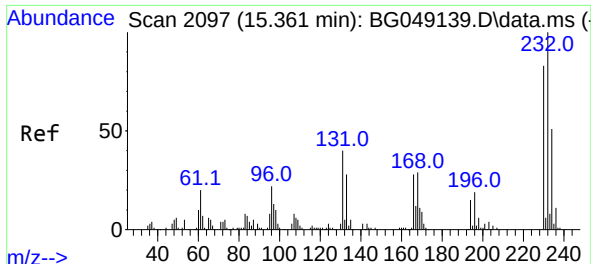


#58
Fluorene
Concen: 44.427 ng
RT: 15.781 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





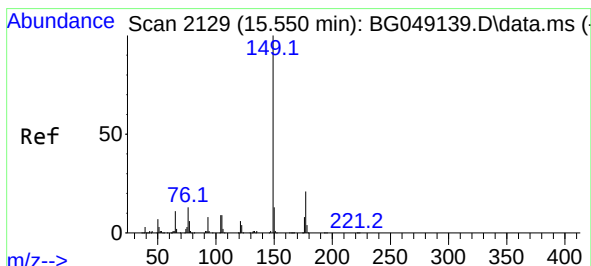
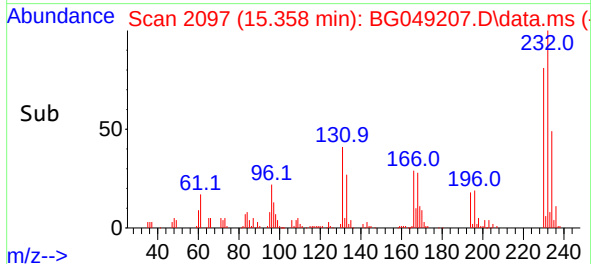
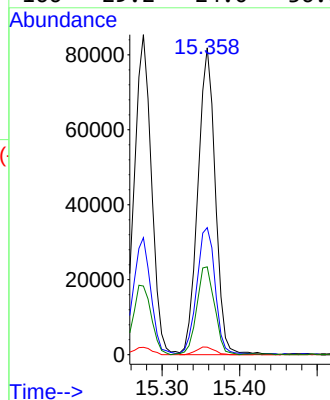
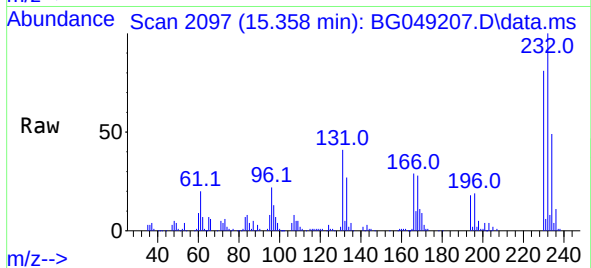
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.082 ng
RT: 15.358 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

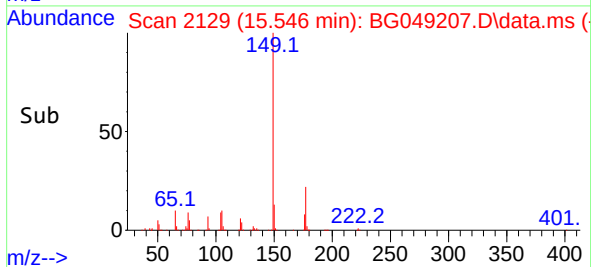
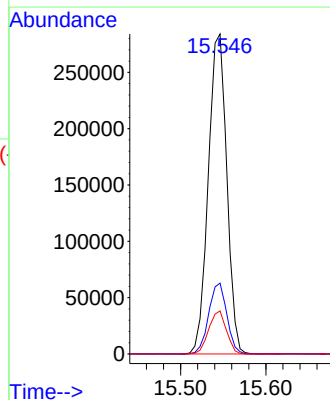
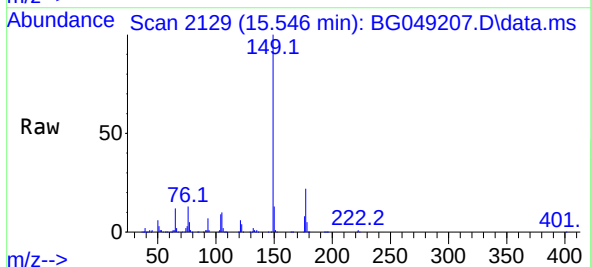
Manual Integrations
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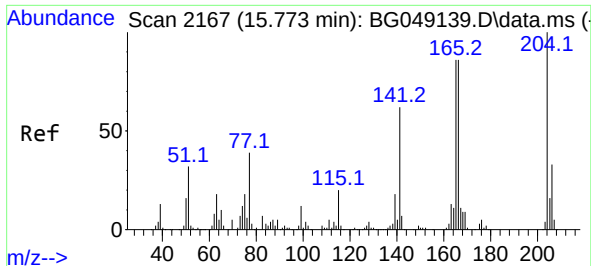
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#60
Diethylphthalate
Concen: 45.394 ng
RT: 15.546 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

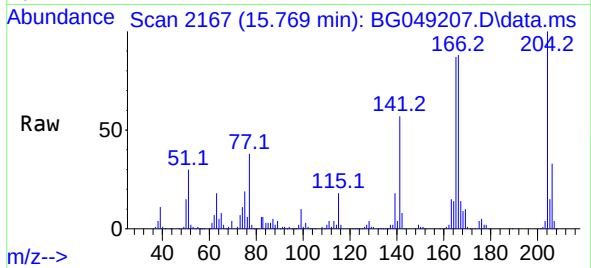
Tgt Ion:149 Resp: 427504
Ion Ratio Lower Upper
149 100
177 22.2 19.0 28.6
150 13.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.014 ng
RT: 15.769 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

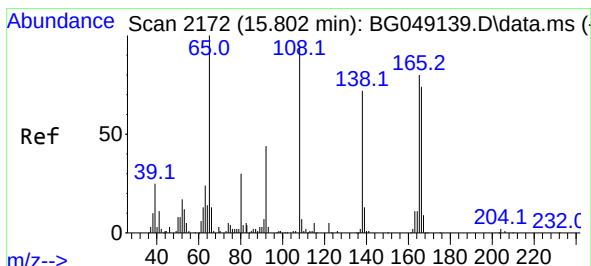
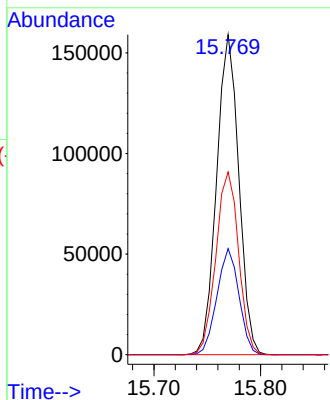
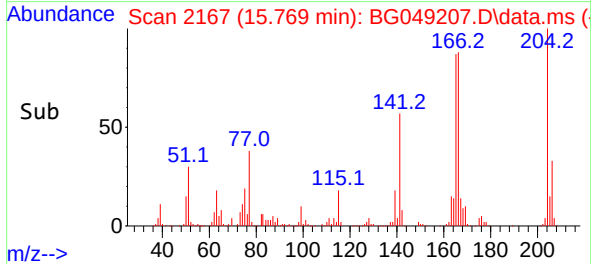
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



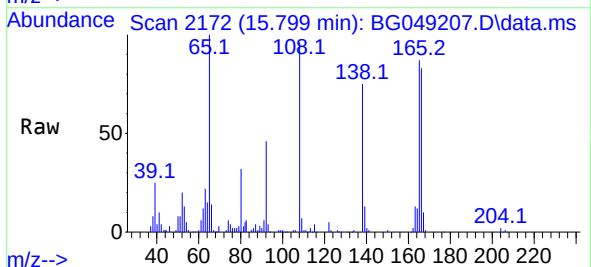
Tgt Ion:204 Resp: 229374
Ion Ratio Lower Upper
204 100
206 33.1 24.6 37.0
141 57.1 47.8 71.8

Manual Integrations
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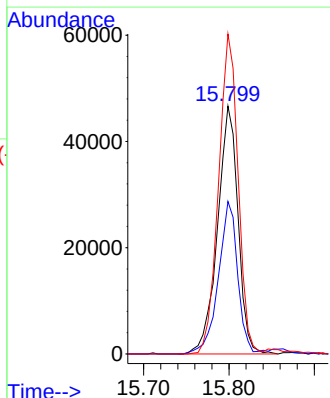
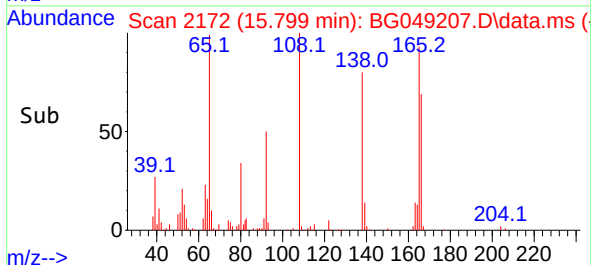
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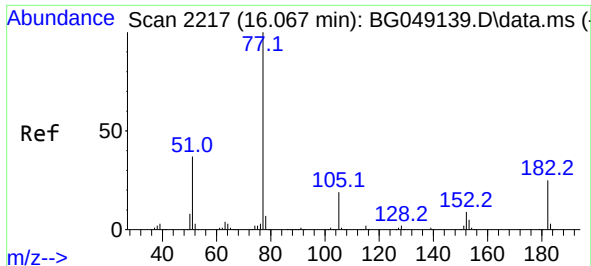


#62
4-Nitroaniline
Concen: 38.364 ng
RT: 15.799 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

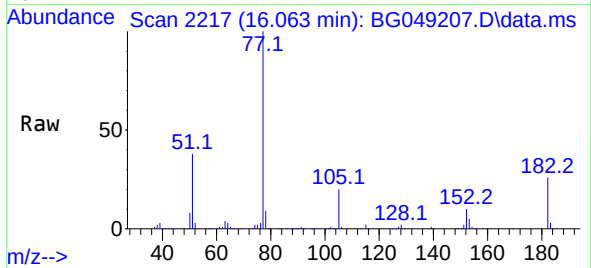


Tgt Ion:138 Resp: 77996
Ion Ratio Lower Upper
138 100
92 61.5 32.3 72.3
108 129.1 132.4 172.4#



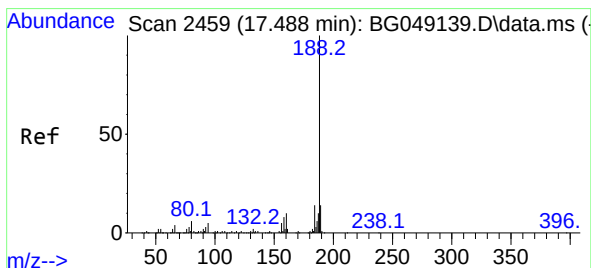
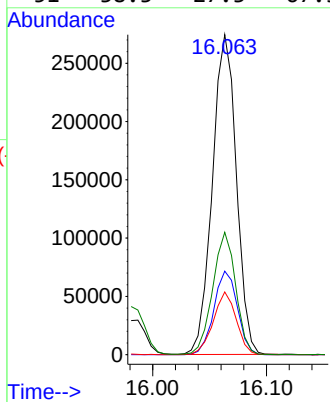
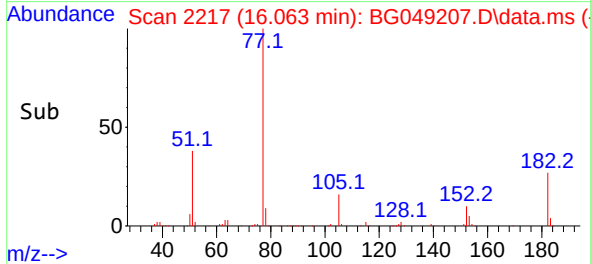


#63
Azobenzene
Concen: 42.332 ng
RT: 16.063 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

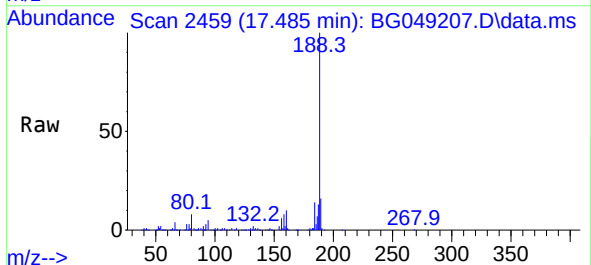


Tgt Ion: 77 Resp: 401910

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

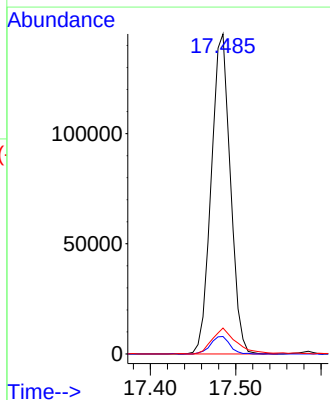
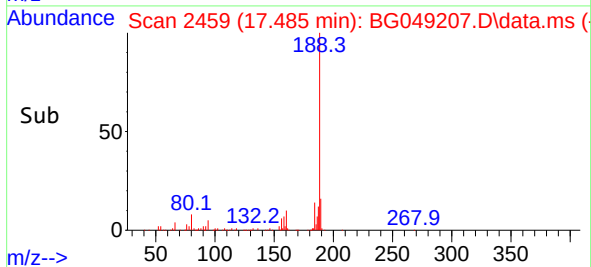


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.485 min Scan# 2459
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



Tgt Ion: 188 Resp: 226201

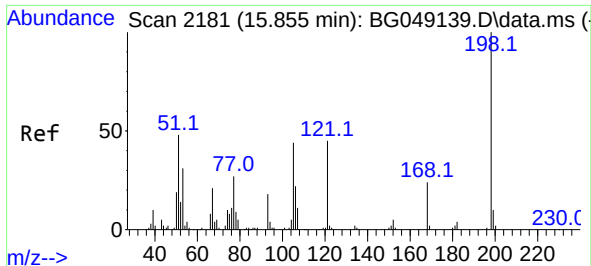
Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.4	8.0
80	8.1	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

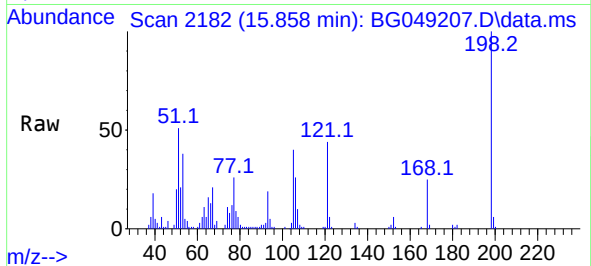
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#65
4,6-Dinitro-2-methylphenol
Concen: 31.226 ng
RT: 15.858 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

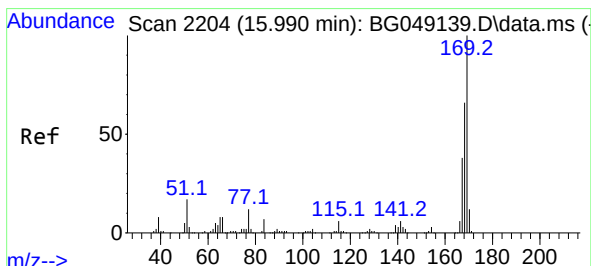
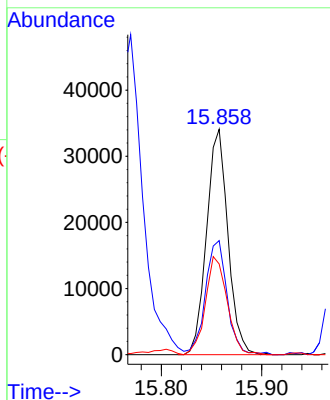
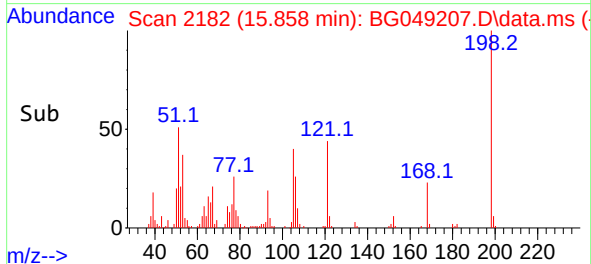
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



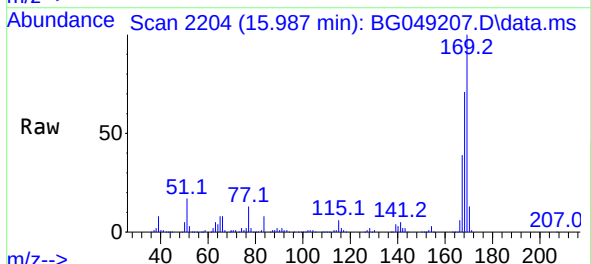
Tgt Ion:198 Resp: 50455
Ion Ratio Lower Upper
198 100
51 50.6 29.4 69.4
105 40.2 15.1 55.1

Manual Integrations
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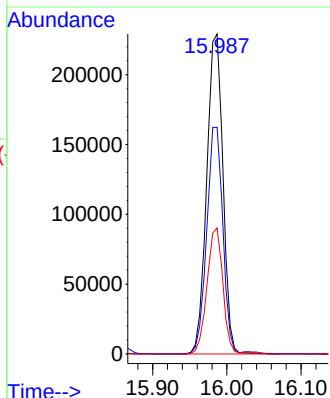
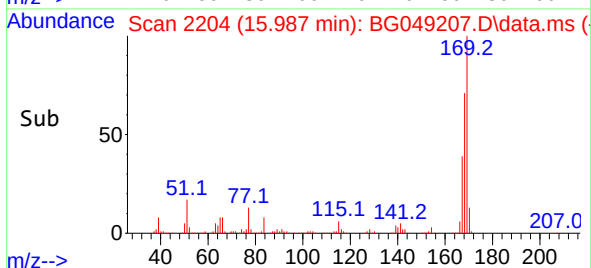
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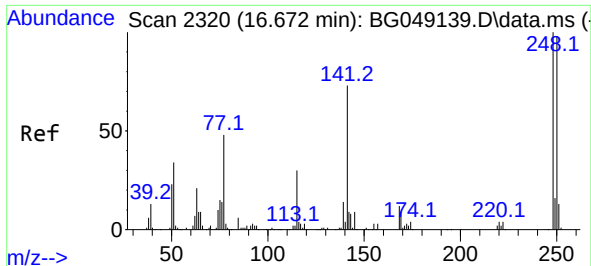


#66
n-Nitrosodiphenylamine
Concen: 49.034 ng
RT: 15.987 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





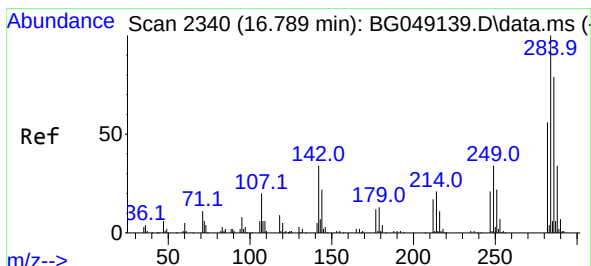
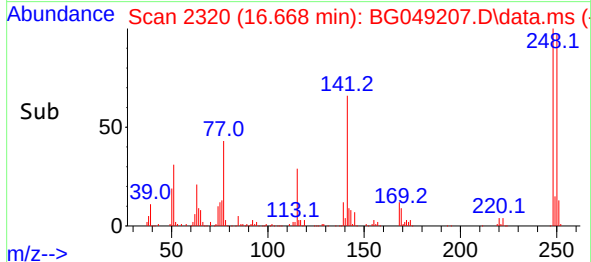
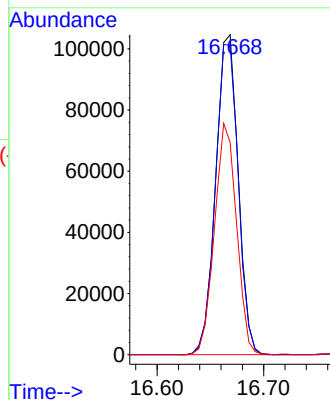
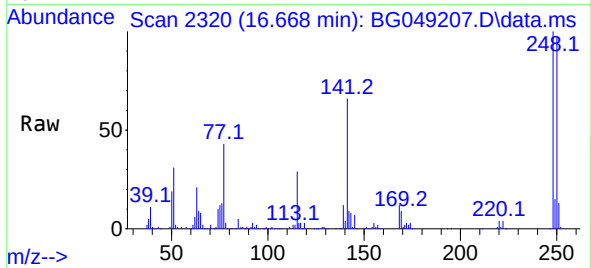
#67
4-Bromophenyl-phenylether
Concen: 50.056 ng
RT: 16.668 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

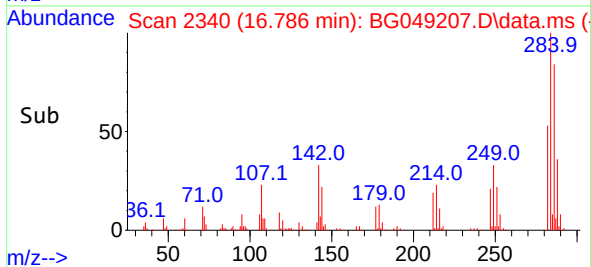
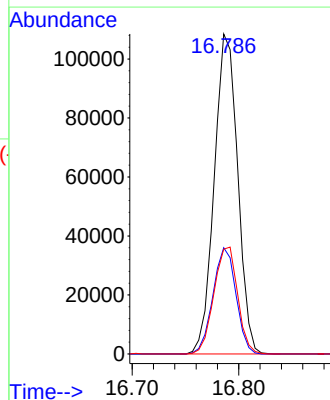
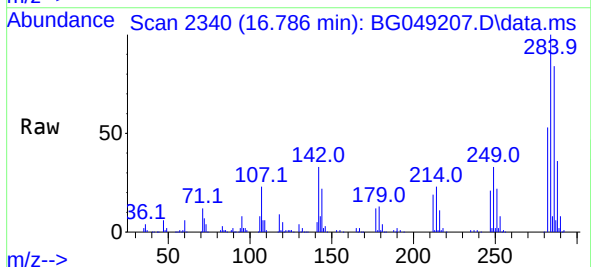
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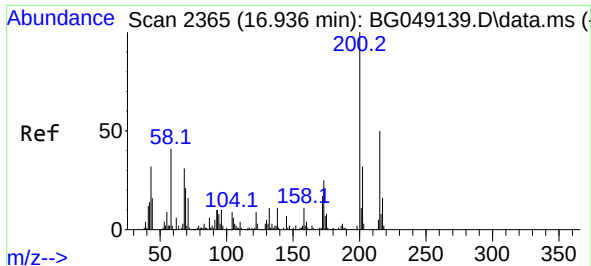
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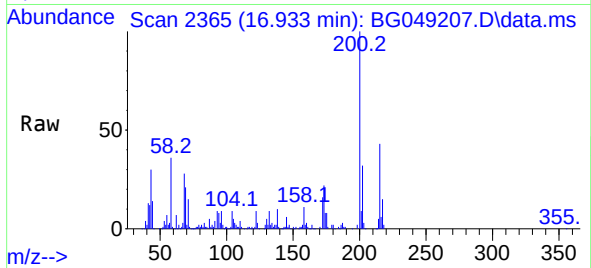
#68
Hexachlorobenzene
Concen: 49.029 ng
RT: 16.786 min Scan# 2340
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

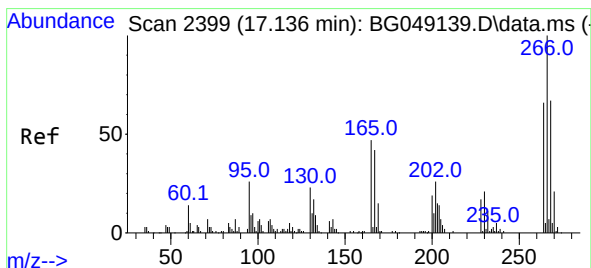
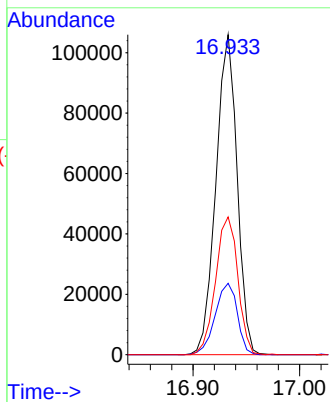
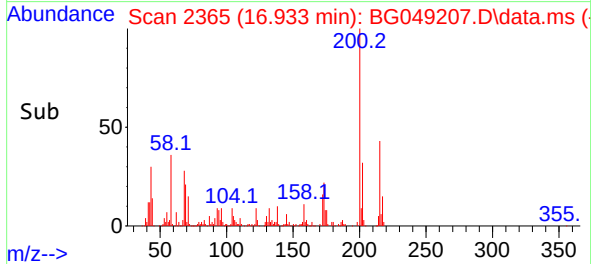




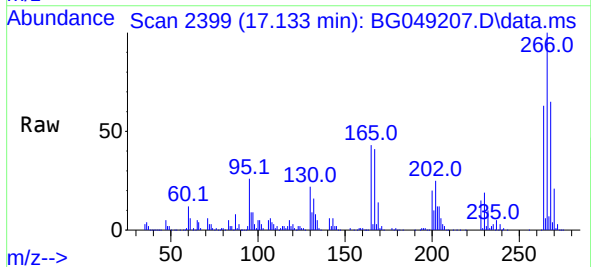
#69
Atrazine
Concen: 62.118 ng
RT: 16.933 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



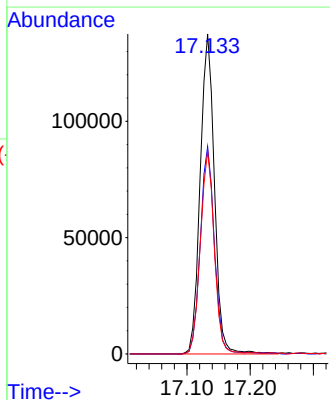
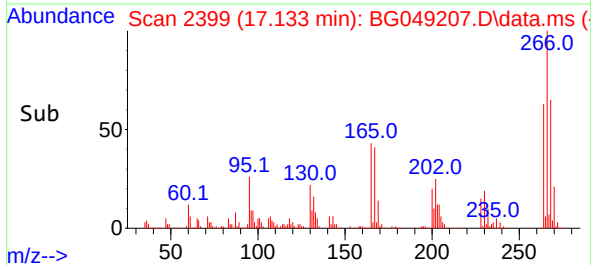
Tgt Ion:200 Resp: 145941
Ion Ratio Lower Upper
200 100
173 22.3 3.7 43.7
215 43.1 26.9 66.9



#70
Pentachlorophenol
Concen: 109.377 ng
RT: 17.133 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



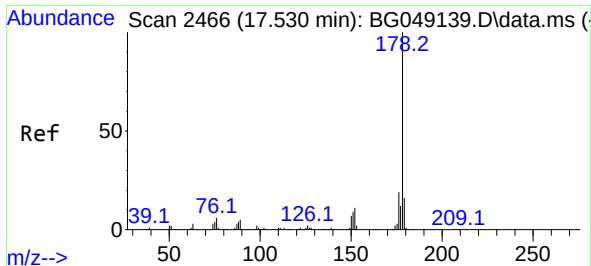
Tgt Ion:266 Resp: 214791
Ion Ratio Lower Upper
266 100
268 64.8 49.0 73.4
264 63.4 49.0 73.6



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

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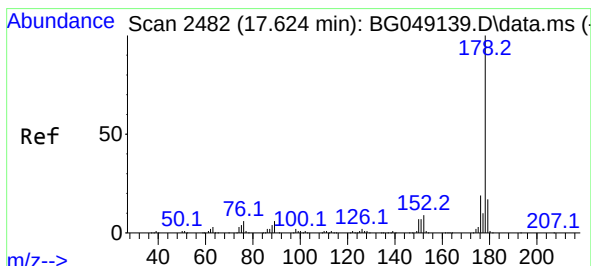
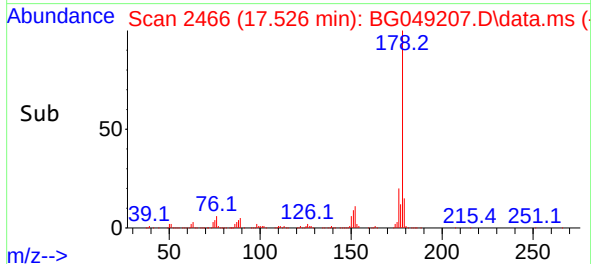
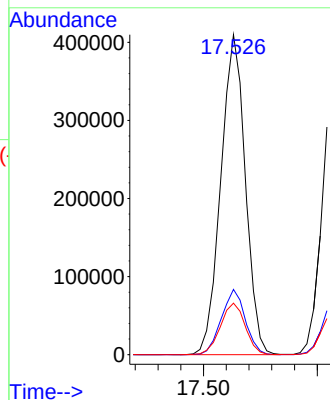
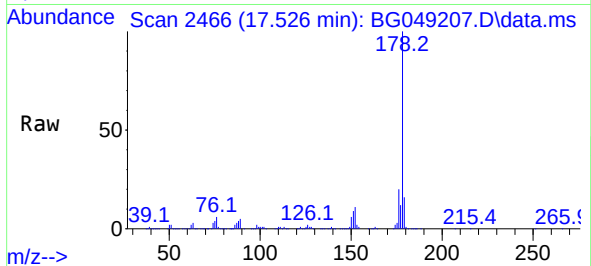
#71
Phenanthrene
Concen: 47.099 ng
RT: 17.526 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

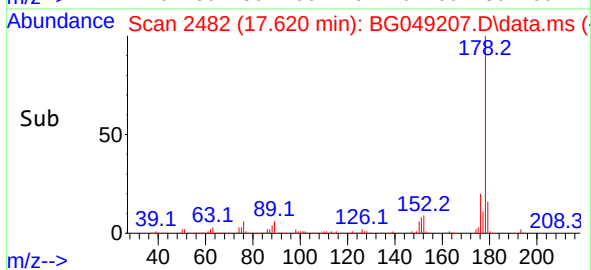
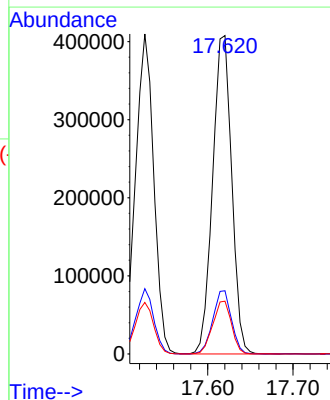
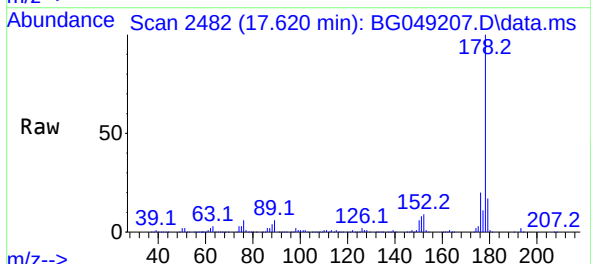
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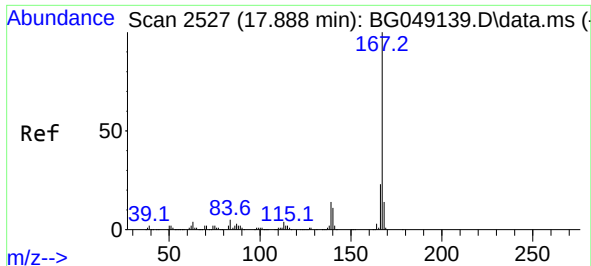
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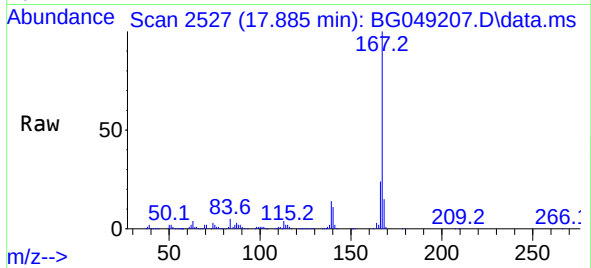
#72
Anthracene
Concen: 48.782 ng
RT: 17.620 min Scan# 2482
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

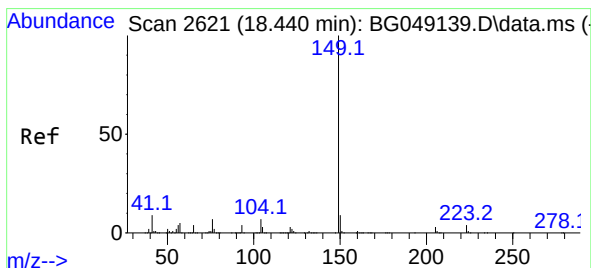
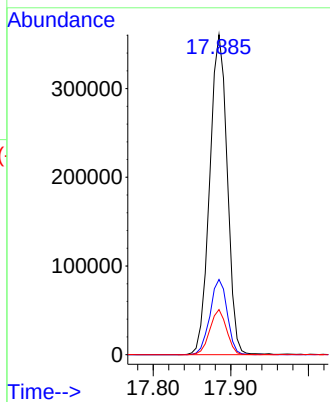
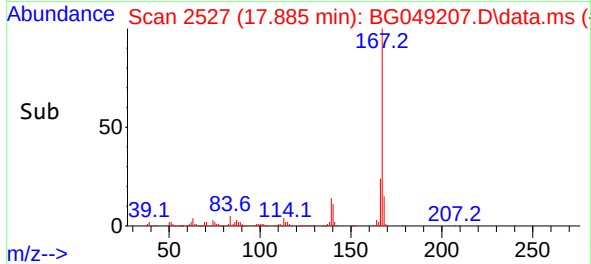




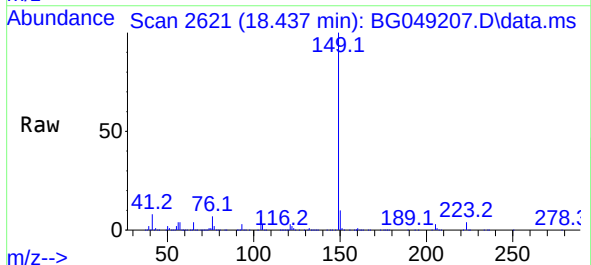
#73
 Carbazole
 Concen: 45.845 ng
 RT: 17.885 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10



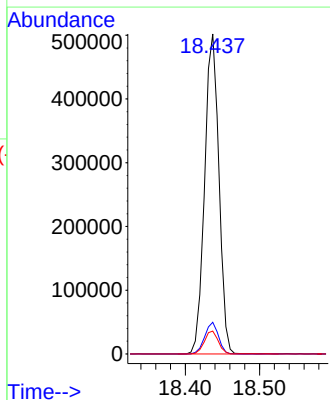
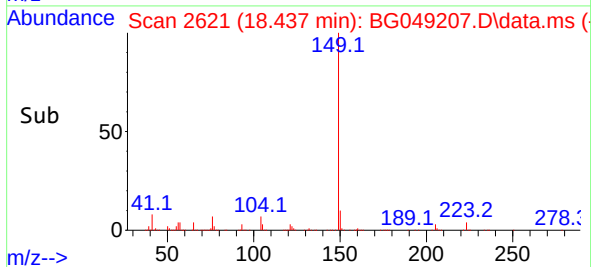
Tgt Ion:167 Resp: 567557
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.4 26.2
 139 14.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.252 ng
 RT: 18.437 min Scan# 2621
 Delta R.T. 0.006 min
 Lab File: BG049207.D
 Acq: 7 Jul 2021 20:10



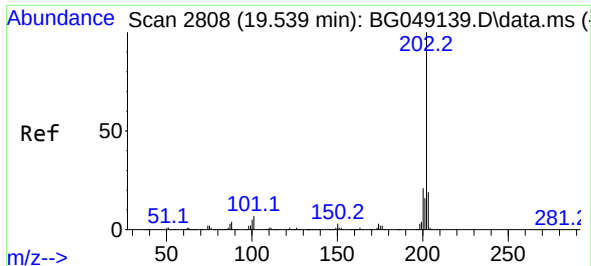
Tgt Ion:149 Resp: 672588
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 7.2 6.6 10.0



Instrument :
 BNA_G
 ClientSampleId :
 A4-SOIL-BANKMSD

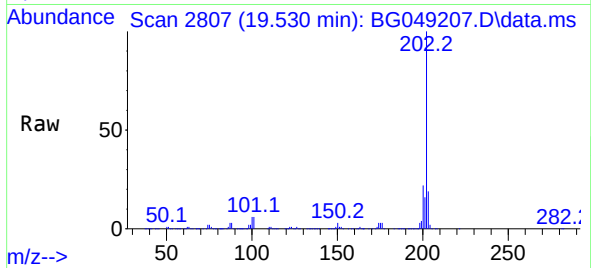
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#75
Fluoranthene
Concen: 45.217 ng
RT: 19.530 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

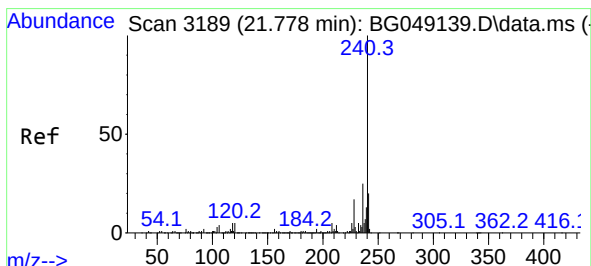
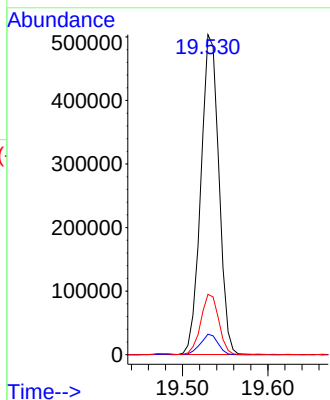
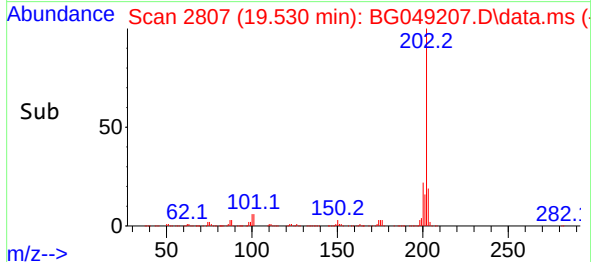
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



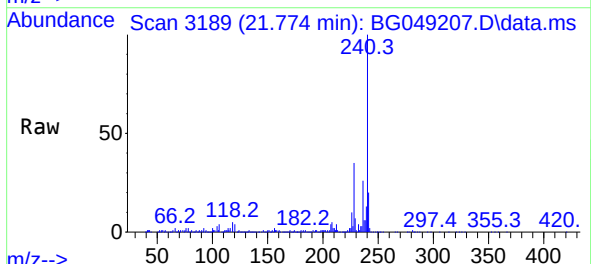
Tgt Ion:202 Resp: 737347
Ion Ratio Lower Upper
202 100
101 6.4 0.0 24.7
203 18.9 0.0 38.5

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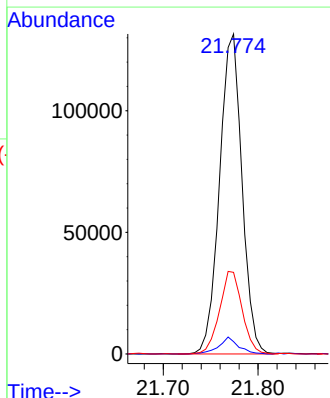
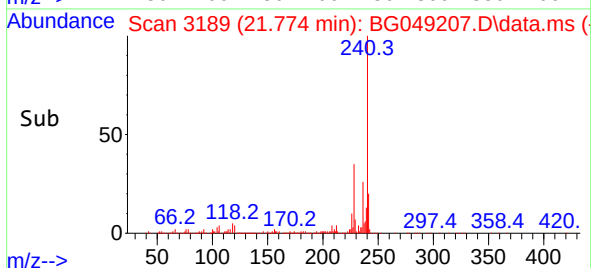
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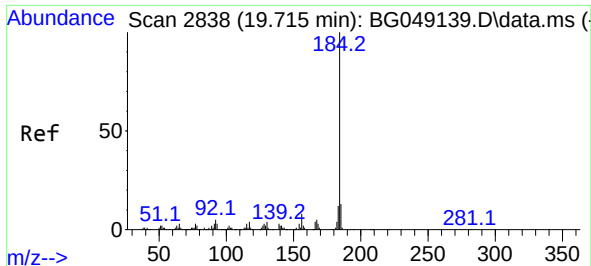


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3189
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





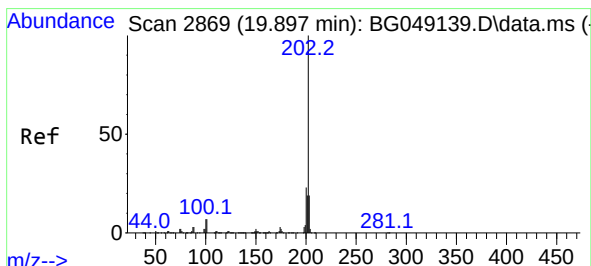
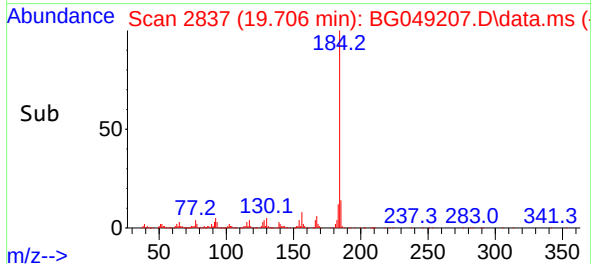
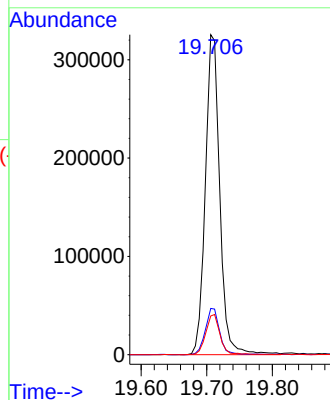
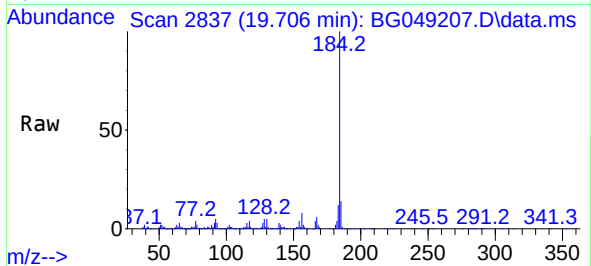
#77
Benzidine
Concen: 107.182 ng
RT: 19.706 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:184 Resp: 498144
Ion Ratio Lower Upper
184 100
185 14.4 10.7 16.1
183 12.1 9.4 14.0

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

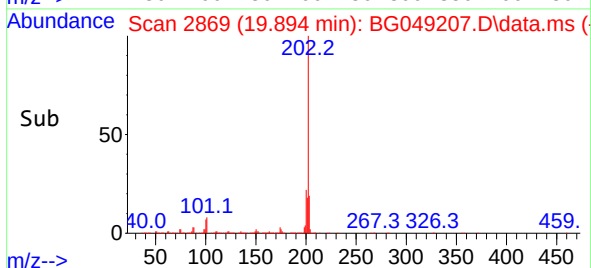
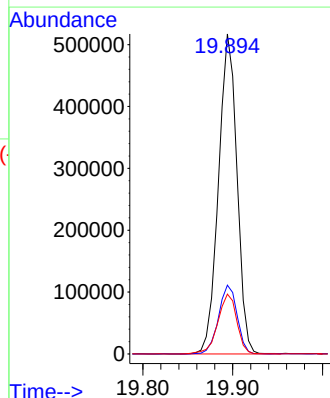
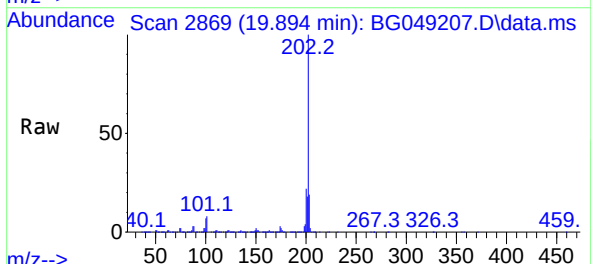
Manual Integrations
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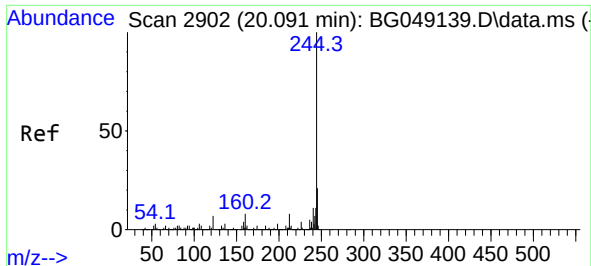
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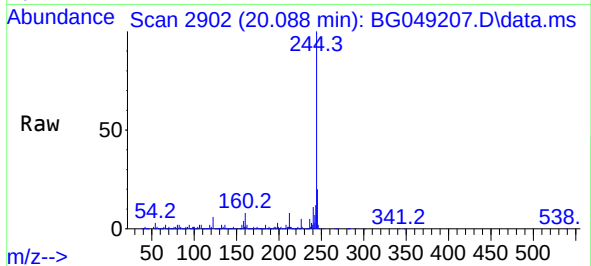
#78
Pyrene
Concen: 45.978 ng
RT: 19.894 min Scan# 2869
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

Tgt Ion:202 Resp: 738905
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.7 14.6 21.8

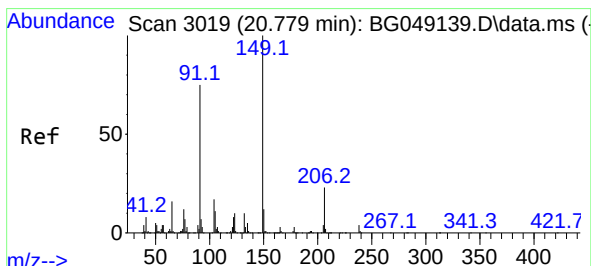
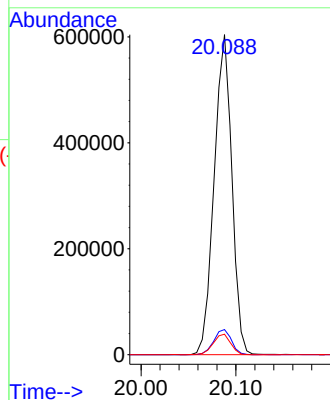
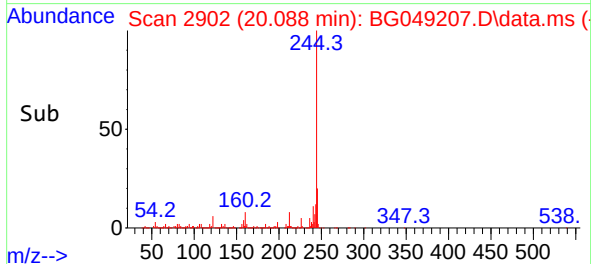




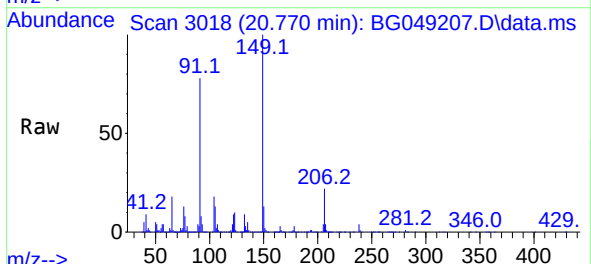
#79
Terphenyl-d14
Concen: 61.446 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



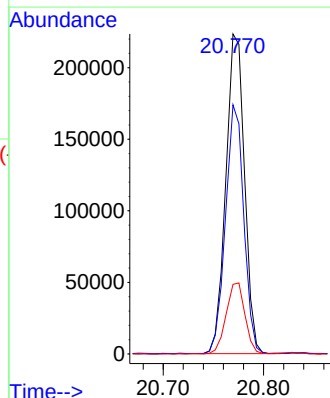
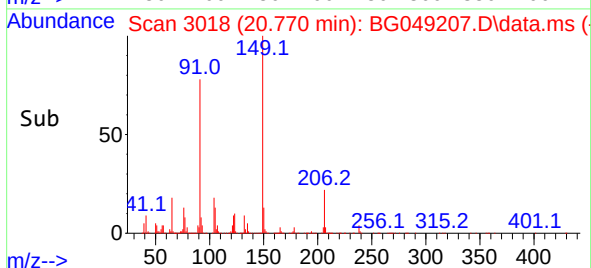
Tgt Ion:244 Resp: 784606
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.4 5.0 7.6



#80
Butylbenzylphthalate
Concen: 47.432 ng
RT: 20.770 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



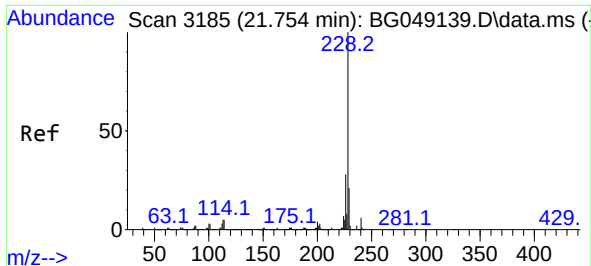
Tgt Ion:149 Resp: 288797
Ion Ratio Lower Upper
149 100
91 77.9 63.4 95.2
206 21.7 18.4 27.6



Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

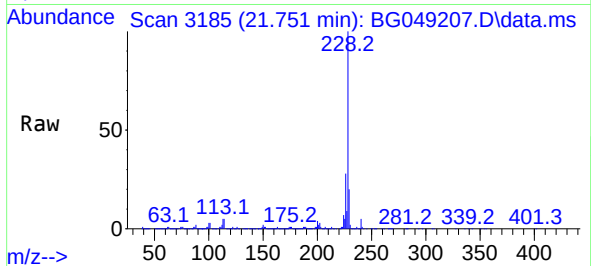
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#81
Benzo(a)anthracene
Concen: 45.914 ng
RT: 21.751 min Scan# 3185
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

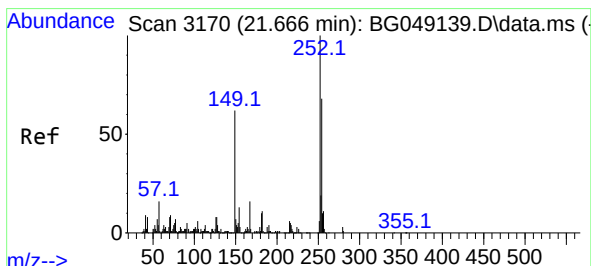
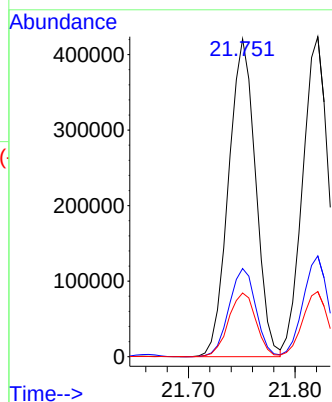
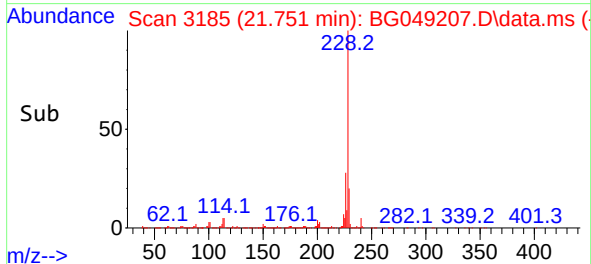
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD



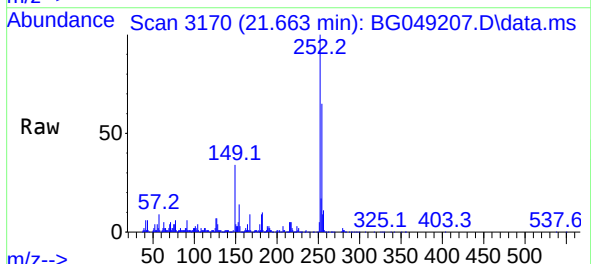
Tgt Ion:228 Resp: 740993
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.0 16.0 24.0

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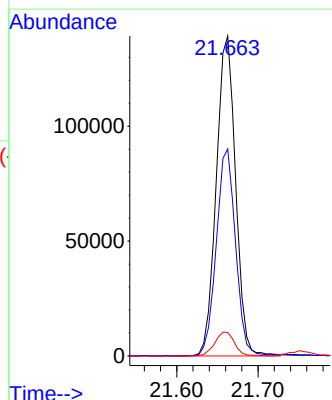
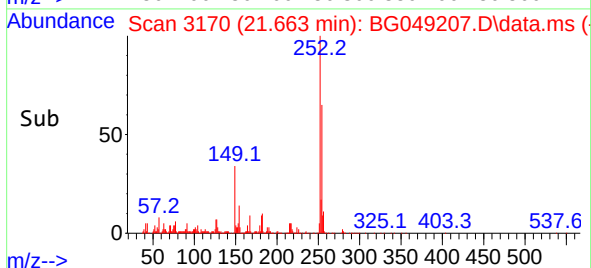
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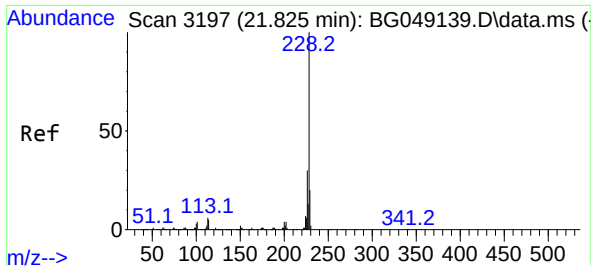


#82
3,3'-Dichlorobenzidine
Concen: 41.955 ng
RT: 21.663 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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





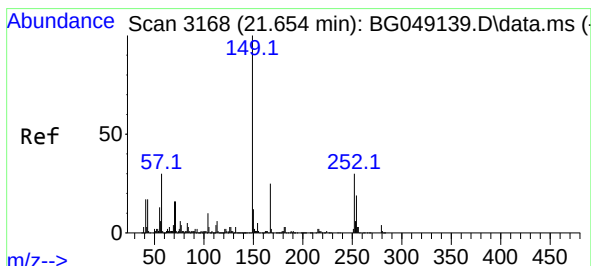
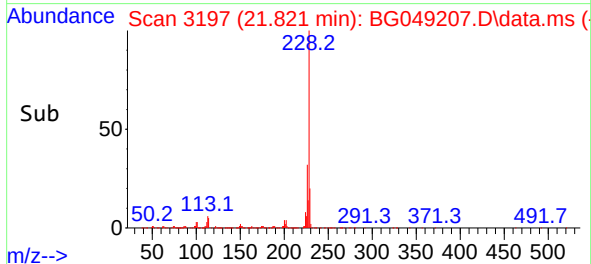
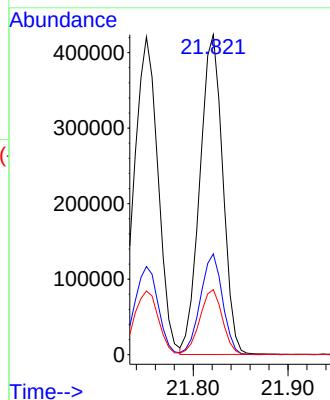
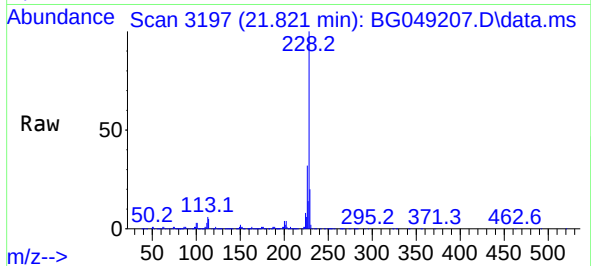
#83
Chrysene
Concen: 46.290 ng
RT: 21.821 min Scan# 3197
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

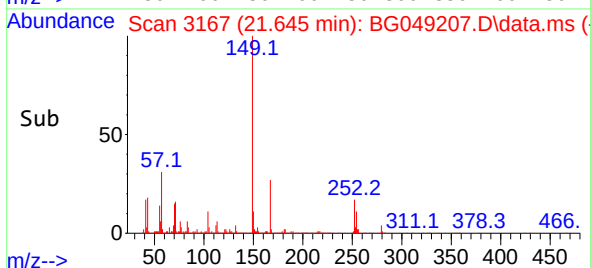
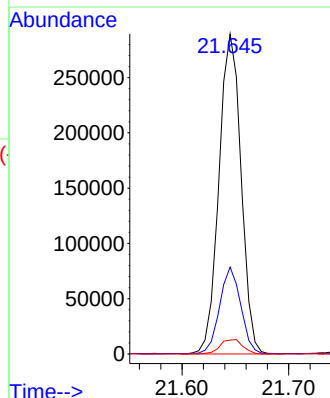
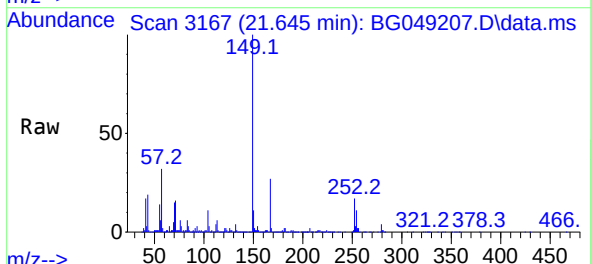
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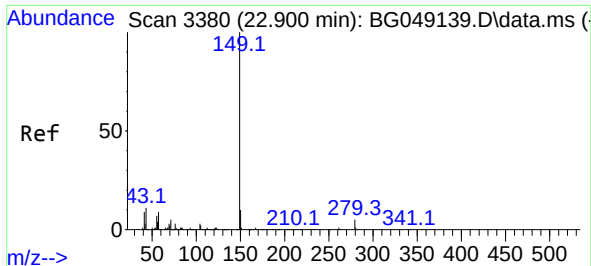
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.385 ng
RT: 21.645 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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





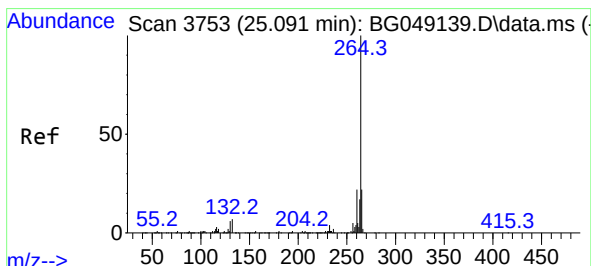
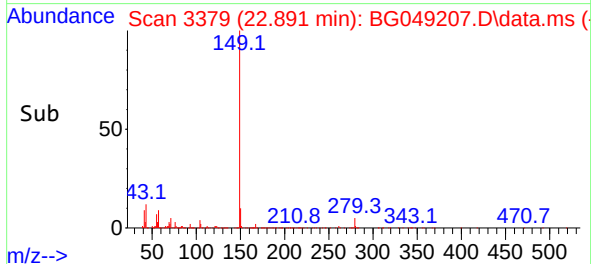
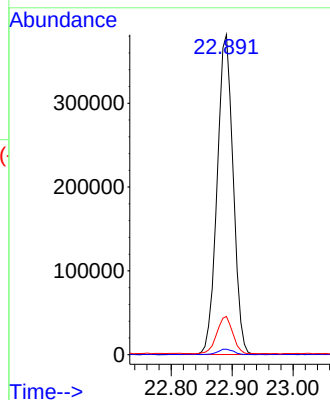
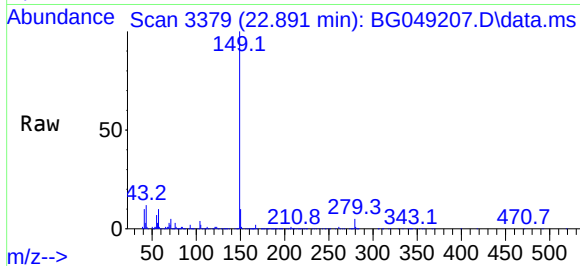
#85
Di-n-octyl phthalate
Concen: 48.117 ng
RT: 22.891 min Scan# 3379
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

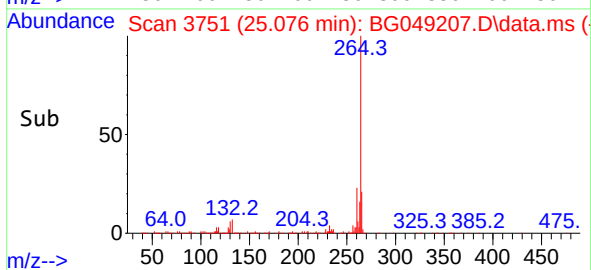
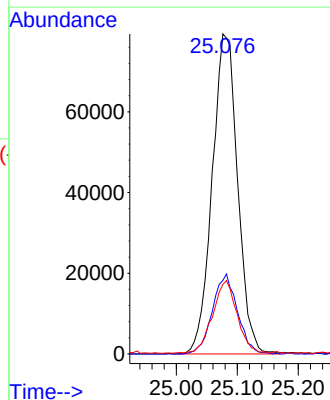
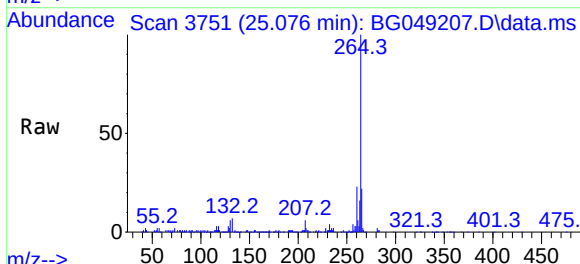
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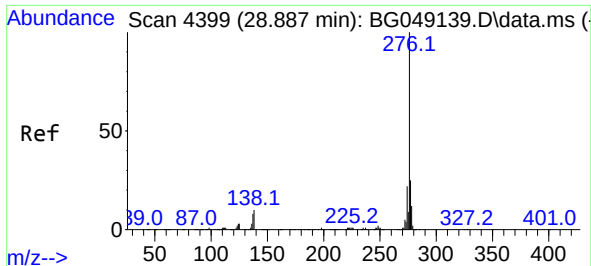
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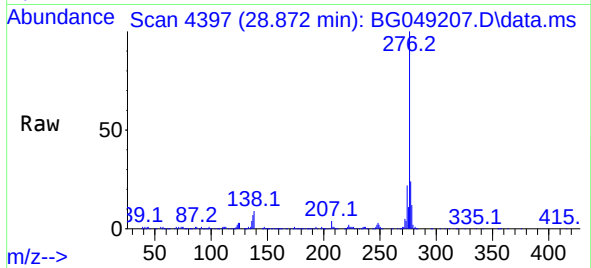
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.076 min Scan# 3751
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

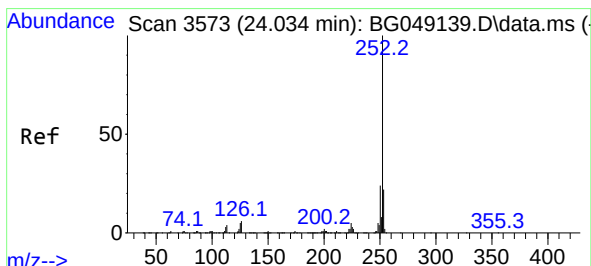
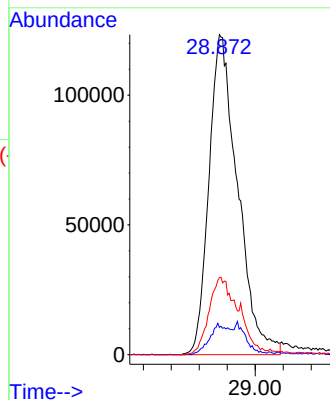
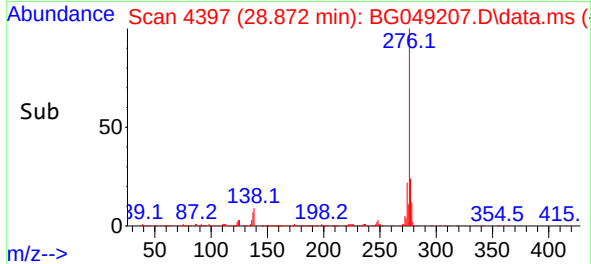




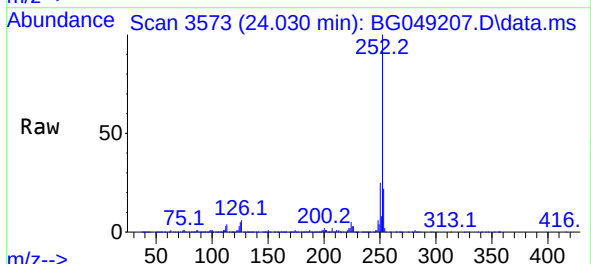
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.788 ng
RT: 28.872 min Scan# 4397
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



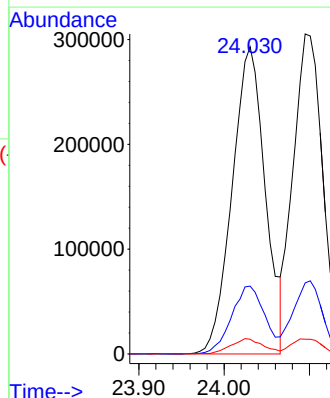
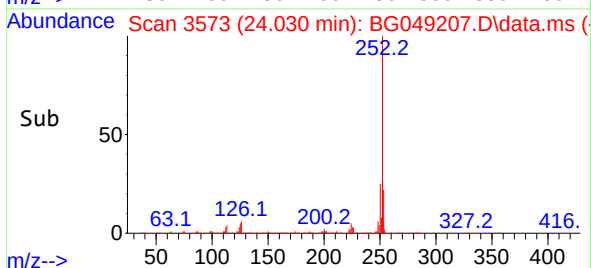
Tgt Ion: 276 Resp: 877234
Ion Ratio Lower Upper
276 100
138 6.8 5.1 7.7
277 19.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 47.588 ng
RT: 24.030 min Scan# 3573
Delta R.T. 0.011 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



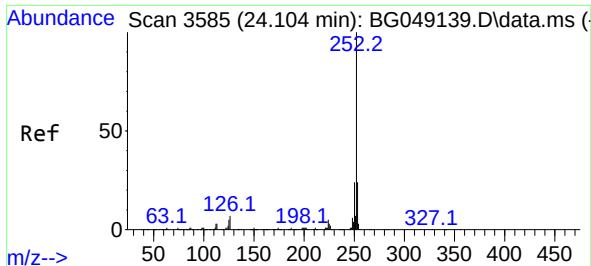
Tgt Ion: 252 Resp: 790027
Ion Ratio Lower Upper
252 100
253 22.1 16.2 24.4
125 4.8 3.0 4.4#



Instrument :
BNA_G
ClientSampleId :
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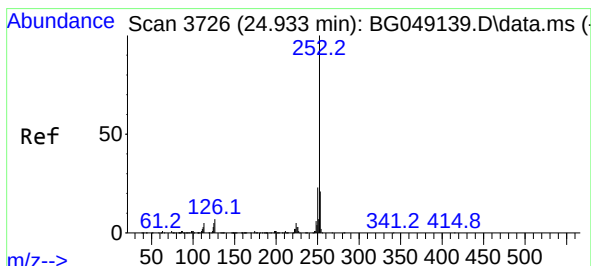
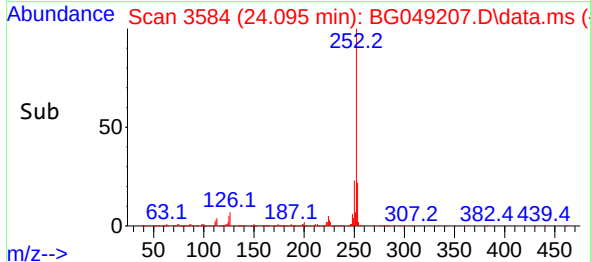
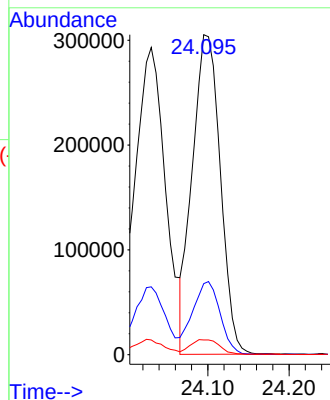
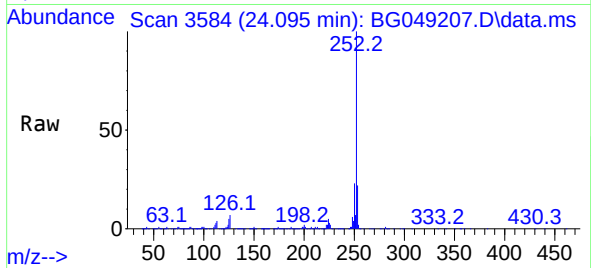
#89
Benzo(k)fluoranthene
Concen: 46.102 ng
RT: 24.095 min Scan# 3584
Delta R.T. 0.006 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

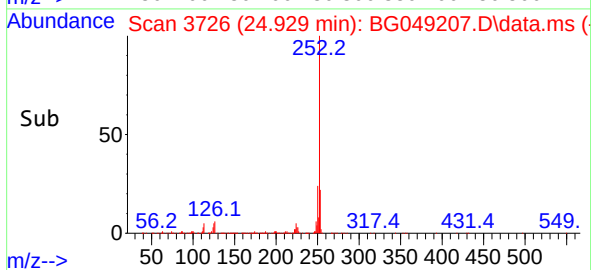
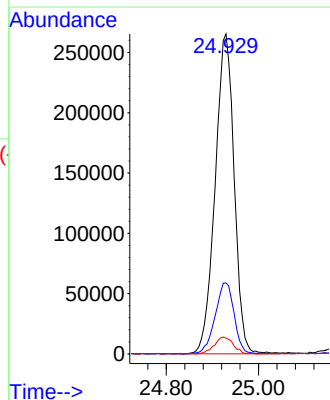
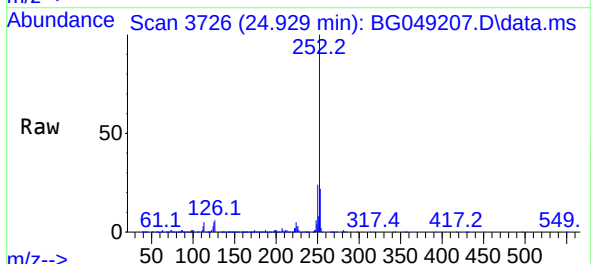
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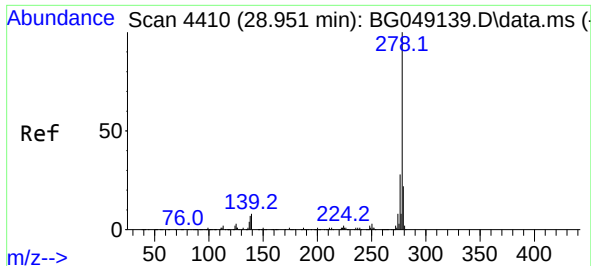
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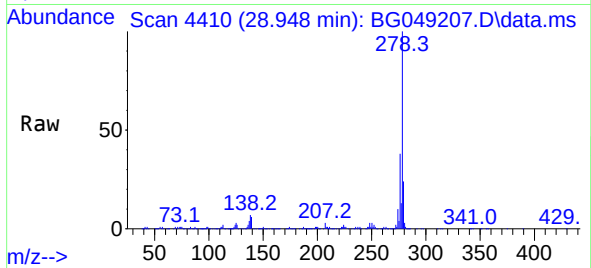
#90
Benzo(a)pyrene
Concen: 49.445 ng
RT: 24.929 min Scan# 3726
Delta R.T. 0.017 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10

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

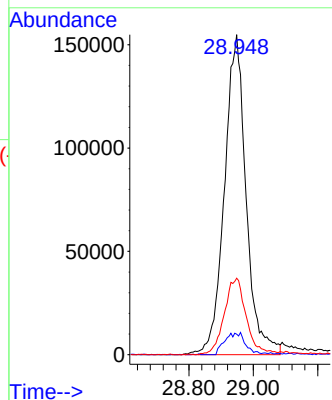
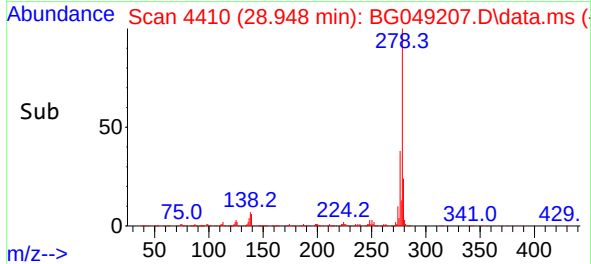




#91
Dibenzo(a,h)anthracene
Concen: 46.756 ng
RT: 28.948 min Scan# 4410
Delta R.T. 0.023 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



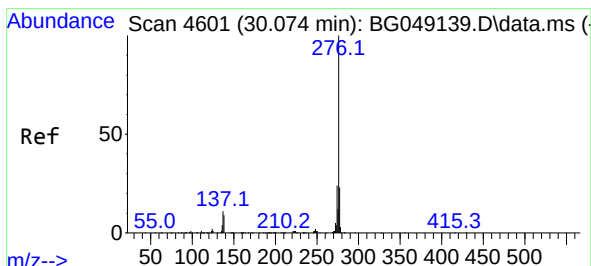
Tgt Ion:278 Resp: 724444
Ion Ratio Lower Upper
278 100
139 6.4 4.6 6.8
279 23.9 17.9 26.9



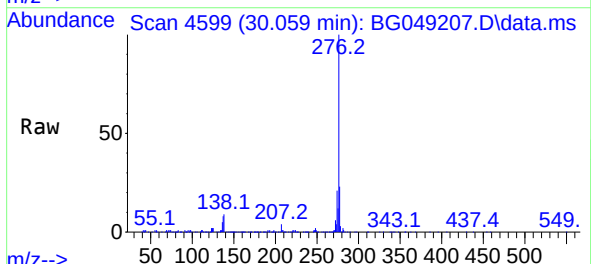
Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

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#92
Benzo(g,h,i)perylene
Concen: 45.355 ng
RT: 30.059 min Scan# 4599
Delta R.T. 0.023 min
Lab File: BG049207.D
Acq: 7 Jul 2021 20:10



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

