

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
 Data File : BG050317.D
 Acq On : 29 Sep 2021 18:16
 Operator : CG/JU
 Sample : M3263-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

Manual Integrations
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mohammad
 9/30/2021 11:30:16 AM

Quant Time: Sep 29 18:52:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 29 10:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	45461	20.000	ng/ul	0.00
20) Naphthalene-d8	11.103	136	187713	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.898	164	134483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	306517	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.943	240	314122	20.000	ng/ul	# 0.00
88) Perylene-d12	25.374	264	320225	20.000	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	5289	5.626	ng/uL	0.00
4) Pyridine-d5	4.081	84	57677	20.357	ng/ul	0.00
7) Phenol-d5	7.413	99	98367	27.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.595	67	66194	31.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.806	132	71830	27.379	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	77230	27.161	ng/ul	0.00
21) Nitrobenzene-d5	9.452	128	35491	30.606	ng/ul	0.00
24) 2-Nitrophenol-d4	10.174	143	37664	29.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.709	165	72984	24.427	ng/ul	0.00
31) 4-Chloroaniline-d4	11.232	131	100238	25.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	241586	26.431	ng/ul	0.00
49) Acenaphthylene-d8	14.593	160	280091	24.378	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	43791	28.397	ng/ul	0.00
60) Fluorene-d10	15.885	176	217384	25.977	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	38599	29.724	ng/ul	0.00
73) Anthracene-d10	17.736	188	341434	26.153	ng/ul	0.00
81) Pyrene-d10	20.010	212	400539	23.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	431799	26.448	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.694	88	1941m	1.637	ng/uL	
5) Pyridine	4.105	79	12522	4.262	ng/ul#	75
6) Benzaldehyde	7.413	77	9750	4.256	ng/ul	95
8) Phenol	7.436	94	13355	3.652	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.689	93	9997	3.679	ng/ul	88
12) 2-Chlorophenol	7.842	128	9398	3.399	ng/ul#	74
13) 2-Methylphenol	8.705	108	9643	3.380	ng/ul#	79
14) 2,2'-oxybis(1-Chloropr...	8.805	45	14645	4.074	ng/ul#	92
16) Acetophenone	9.111	105	15810	3.640	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.081	70	8836	3.578	ng/ul#	96
18) 4-Methylphenol	9.034	108	10659	3.668	ng/ul	93
19) Hexachloroethane	9.375	117	4209	3.548	ng/ul#	84
22) Nitrobenzene	9.493	77	13354	4.014	ng/ul#	87
23) Isophorone	10.016	82	24080	3.432	ng/ul#	96
25) 2-Nitrophenol	10.204	139	5148	3.848	ng/ul#	89
26) 2,4-Dimethylphenol	10.251	107	11756	3.286	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.492	93	13209	3.448	ng/ul	99
29) 2,4-Dichlorophenol	10.738	162	9119	3.168	ng/ul#	81
30) Naphthalene	11.155	128	32837	3.411	ng/ul	98
32) 4-Chloroaniline	11.255	127	13261	3.383	ng/ul	93
33) Hexachlorobutadiene	11.432	225	6585	2.757	ng/ul	97
34) Caprolactam	12.043	113	4697	5.174	ng/ul	84
35) 4-Chloro-3-methylphenol	12.342	107	10651	3.411	ng/ul	91
36) 2-Methylnaphthalene	12.742	142	22017	3.302	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.959	142	22796	3.386	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.100	216	13563	3.203	ng/ul#	92
40) Hexachlorocyclopentadiene	13.077	237	15791	5.407	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.329	196	8105	3.246	ng/ul	96
42) 2,4,5-Trichlorophenol	13.400	196	8721	3.247	ng/ul	87
43) 1,1'-Biphenyl	13.735	154	30780	3.374	ng/ul#	96
44) 2-Chloronaphthalene	13.776	162	24762	3.430	ng/ul	93
45) 2-Nitroaniline	13.976	65	7182	4.179	ng/ul	86
47) Dimethylphthalate	14.340	163	31409	3.411	ng/ul#	95
48) 2,6-Dinitrotoluene	14.458	165	6151	4.220	ng/ul#	84
50) Acenaphthylene	14.622	152	39014	3.361	ng/ul	95
51) 3-Nitroaniline	14.787	138	5804	3.562	ng/ul#	91
52) Acenaphthene	14.957	153	26616	3.502	ng/ul	97
53) 2,4-Dinitrophenol	14.992	184	4877	5.285	ng/ul#	65
55) 4-Nitrophenol	15.074	109	5352	3.377	ng/ul#	74
56) Dibenzofuran	15.292	168	39144	3.442	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	8307	4.022	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.509	232	7587	3.139	ng/ul#	91
59) Diethylphthalate	15.691	149	31385	3.316	ng/ul	98
61) Fluorene	15.938	166	30057	3.374	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.926	204	16881	3.366	ng/ul#	86
63) 4-Nitroaniline	15.944	138	6044	3.603	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.997	198	5070	3.886	ng/ul#	82
67) N-Nitrosodiphenylamine	16.138	169	26105	3.368	ng/ul	96
68) 4-Bromophenyl-phenylether	16.819	248	10379	3.266	ng/ul	91
69) Hexachlorobenzene	16.937	284	11797	3.350	ng/ul	96
70) Atrazine	17.078	200	13075	3.823	ng/ul	98
71) Pentachlorophenol	17.278	266	9401	4.184	ng/ul	98
72) Phenanthrene	17.683	178	52948	3.481	ng/ul	96
74) Anthracene	17.771	178	52440	3.461	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.705	216	13995	3.212	ng/ul	94
76) Pentachlorobenzene	15.210	250	14160	3.370	ng/ul#	83
77) Carbazole	18.036	167	47445	3.540	ng/ul	97
78) Di-n-butylphthalate	18.582	149	51078	3.305	ng/ul	96
80) Fluoranthene	19.675	202	65806	3.052	ng/ul#	88
82) Pyrene	20.039	202	66289	3.126	ng/ul#	93
83) Butylbenzylphthalate	20.915	149	22244	3.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.831	252	21064	3.131	ng/ul#	93
85) Benzo(a)anthracene	21.919	228	65904	3.484	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.814	149	32986	3.235	ng/ul	96
87) Chrysene	21.990	228	62326	3.399	ng/ul	97
89) Di-n-octyl phthalate	23.100	149	55924	3.563	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	62992	3.361	ng/ul#	95
91) Benzo(k)fluoranthene	24.346	252	60342	3.428	ng/ul#	98
93) Benzo(a)pyrene	25.215	252	56894	3.196	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.305	276	70817	3.404	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.375	278	59753	3.332	ng/ul#	91
96) Benzo(g,h,i)perylene	30.539	276	58869	3.307	ng/ul#	92

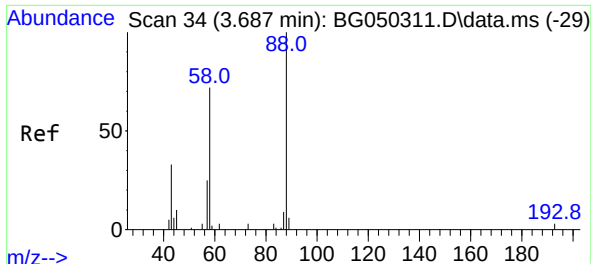
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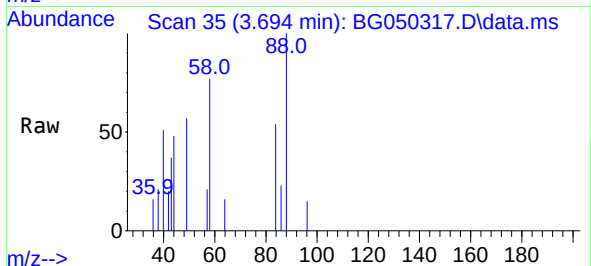
Abundance

TIC: BG050317.D\data.ms



#2
1,4-Dioxane
Concen: 1.637 ng/uL m
RT: 3.694 min Scan# 35
Delta R.T. 0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

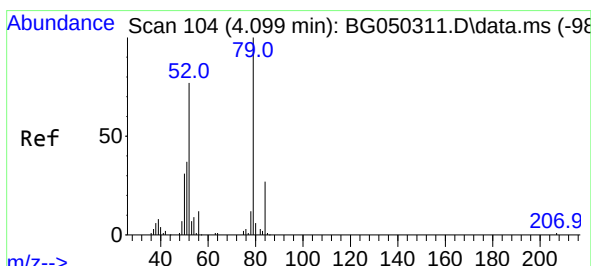
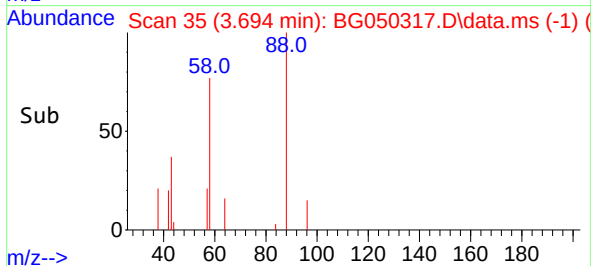
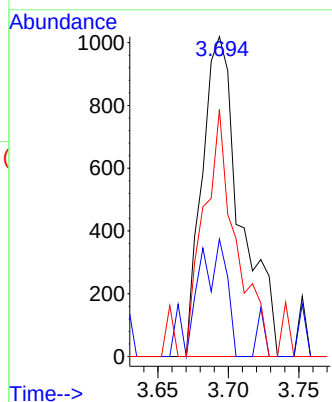
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



Tgt Ion: 88 Resp: 1941
Ion Ratio Lower Upper
88 100
43 36.7 21.6 32.4#
58 77.2 52.0 78.0

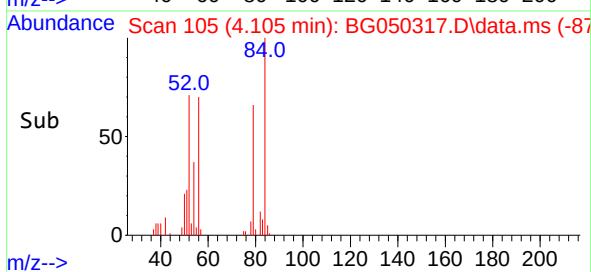
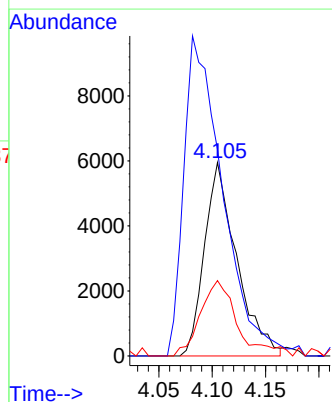
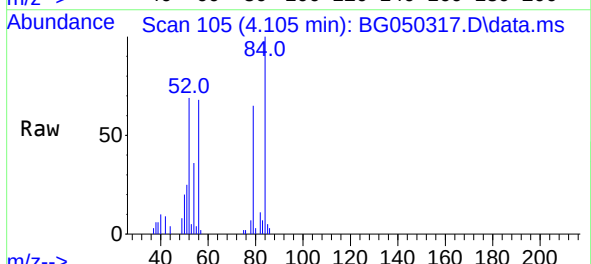
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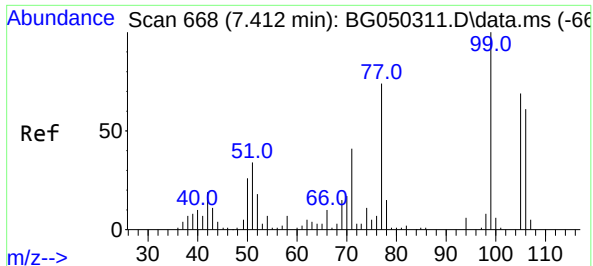
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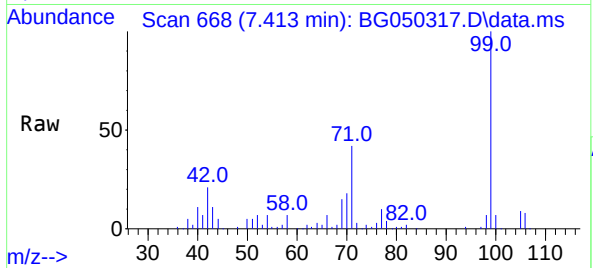
#5
Pyridine
Concen: 4.262 ng/uL
RT: 4.105 min Scan# 105
Delta R.T. 0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 79 Resp: 12522
Ion Ratio Lower Upper
79 100
52 106.9 61.1 91.7#
51 38.9 34.8 52.2

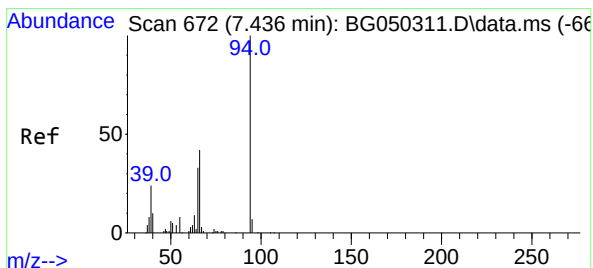
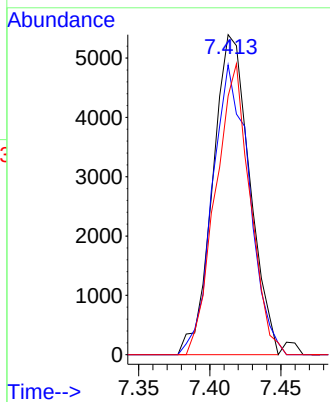
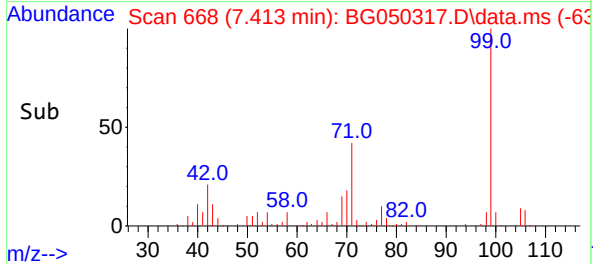




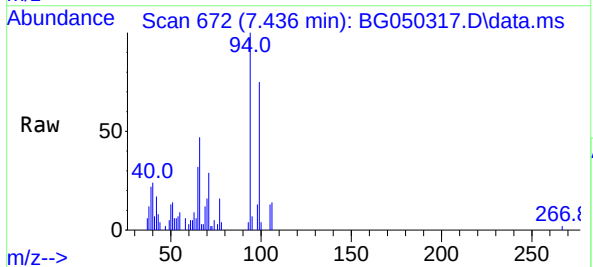
#6
Benzaldehyde
Concen: 4.256 ng/ul
RT: 7.413 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



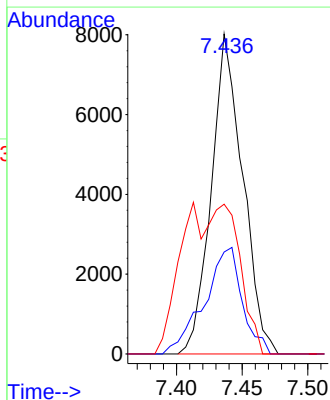
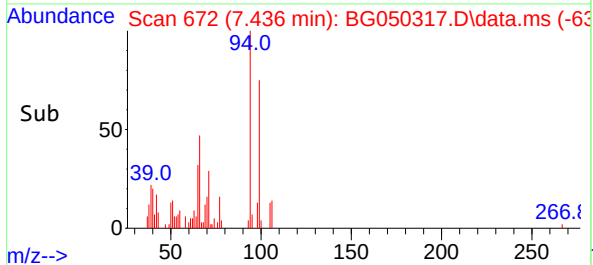
Tgt Ion:	77	Resp:	9750
Ion Ratio	Lower	Upper	
77	100		
105	90.5	72.3	108.5
106	80.8	72.3	108.5



#8
Phenol
Concen: 3.652 ng/ul
RT: 7.436 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



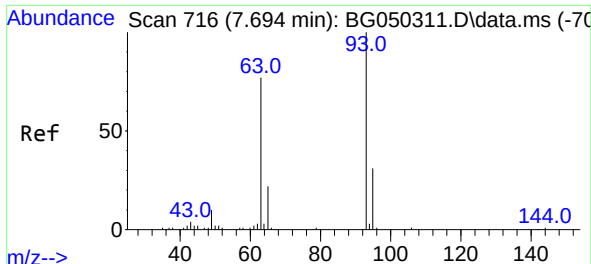
Tgt Ion:	94	Resp:	13355
Ion Ratio	Lower	Upper	
94	100		
65	31.9	27.7	41.5
66	46.8	39.0	58.4



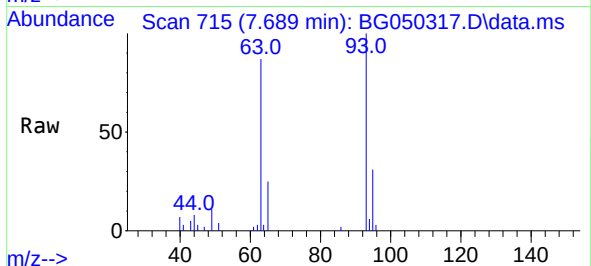
Instrument :
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ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

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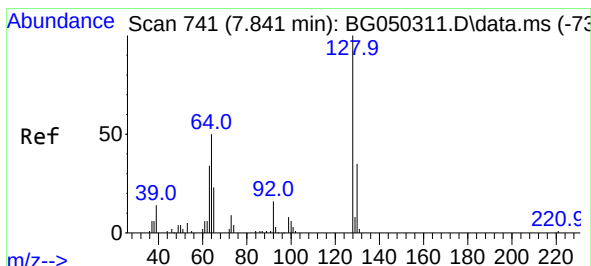
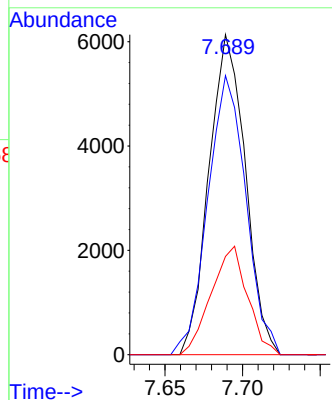
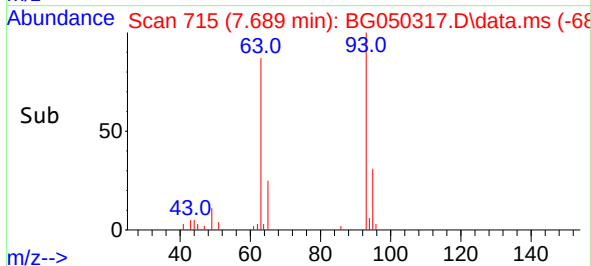


#10
Bis(2-Chloroethyl)ether
Concen: 3.679 ng/ul
RT: 7.689 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

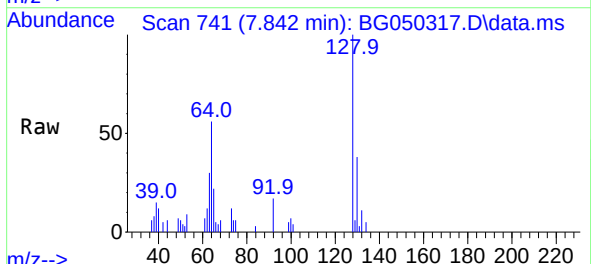


Tgt Ion: 93 Resp: 9997

Ion	Ratio	Lower	Upper
93	100		
63	87.2	59.9	89.9
95	30.7	27.6	41.4

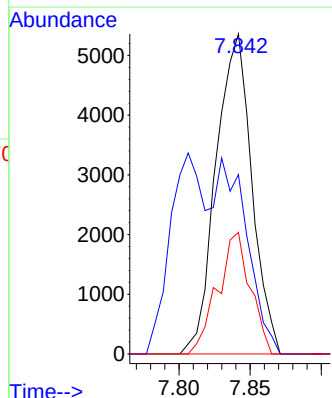
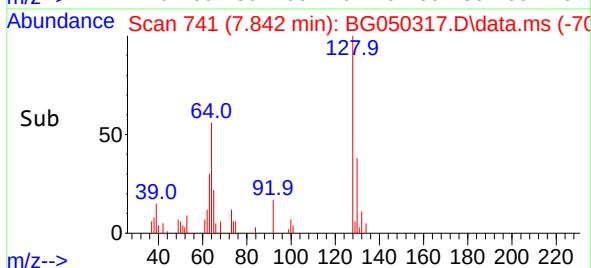


#12
2-Chlorophenol
Concen: 3.399 ng/ul
RT: 7.842 min Scan# 741
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



Tgt Ion: 128 Resp: 9398

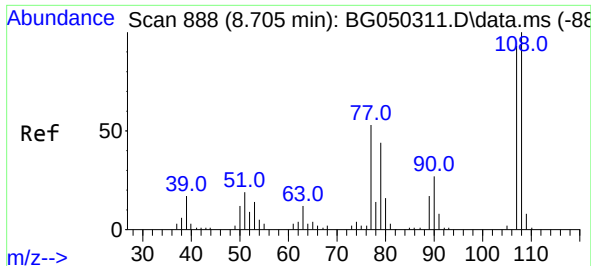
Ion	Ratio	Lower	Upper
128	100		
64	56.0	28.0	42.0#
130	38.0	24.4	36.6#



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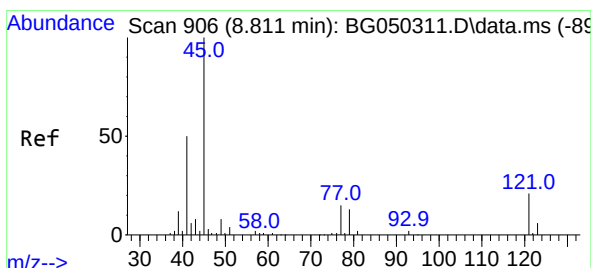
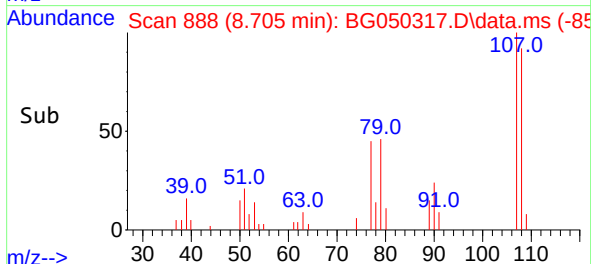
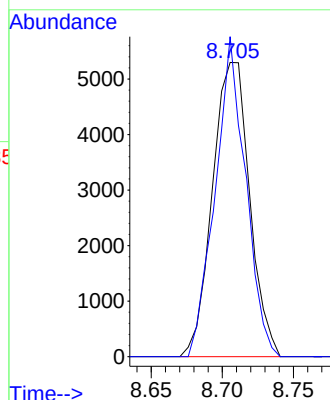
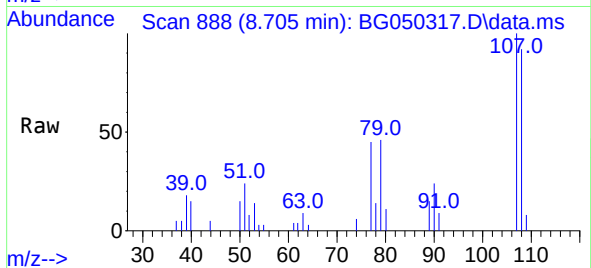
#13
2-Methylphenol
Concen: 3.380 ng/ul
RT: 8.705 min Scan# 888
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 108 Resp: 9643
Ion Ratio Lower Upper
108 100
107 108.8 71.0 106.4#

Instrument :
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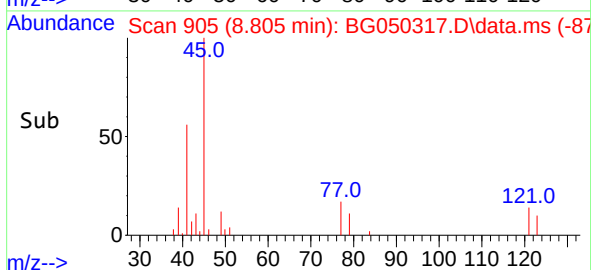
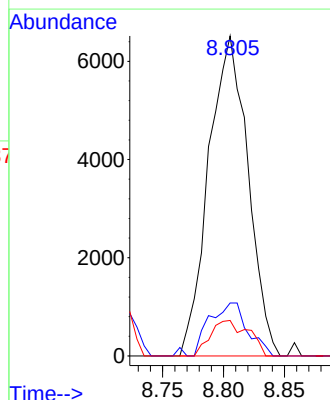
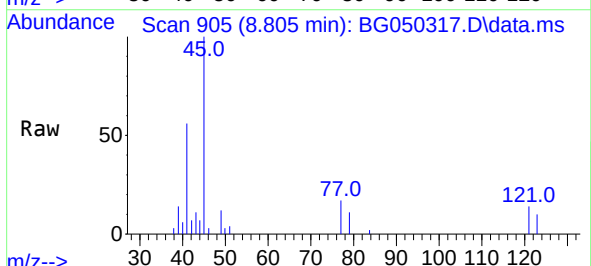
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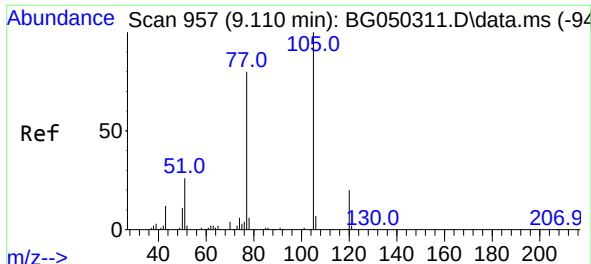
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.074 ng/ul
RT: 8.805 min Scan# 905
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

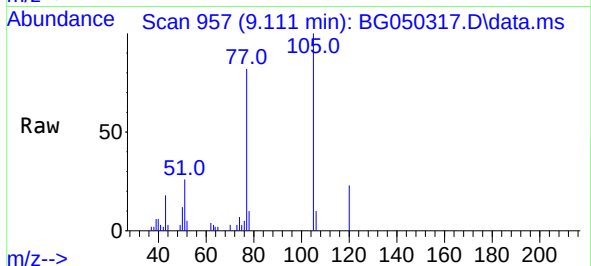
Tgt Ion: 45 Resp: 14645
Ion Ratio Lower Upper
45 100
77 16.5 16.9 25.3#
79 11.1 11.0 16.4





#16
Acetophenone
Concen: 3.640 ng/ul
RT: 9.111 min Scan# 957
Delta R.T. 0.000 min
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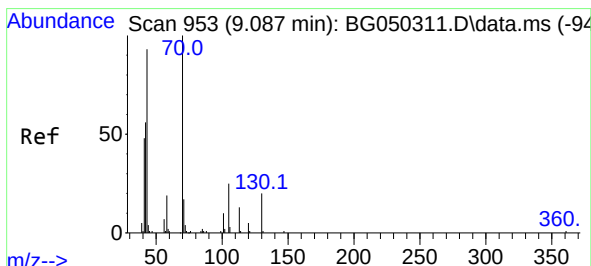
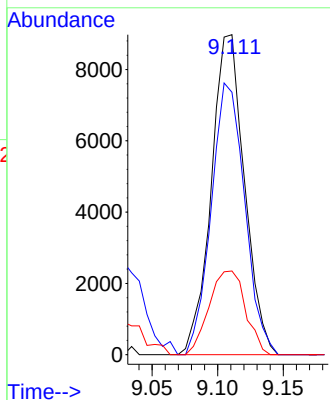
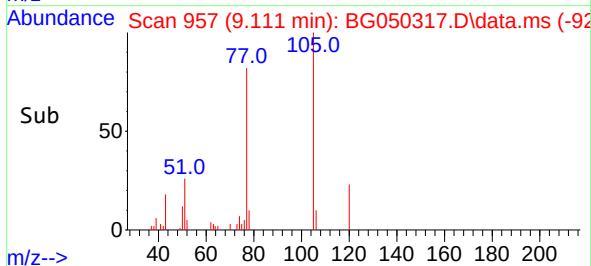
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



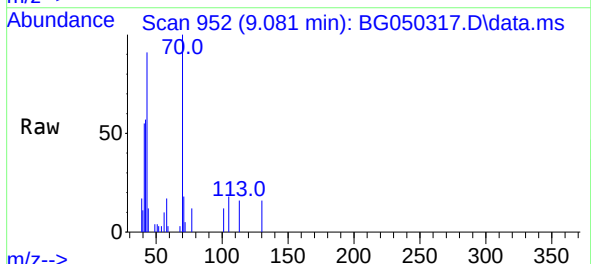
Tgt Ion:105 Resp: 15810
Ion Ratio Lower Upper
105 100
77 82.0 67.7 101.5
51 26.2 25.3 37.9

Manual Integrations
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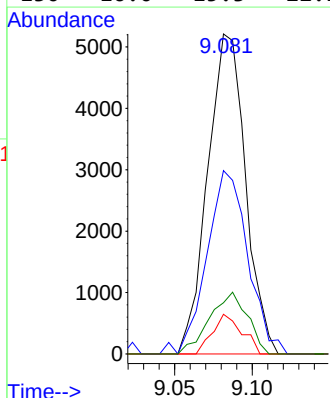
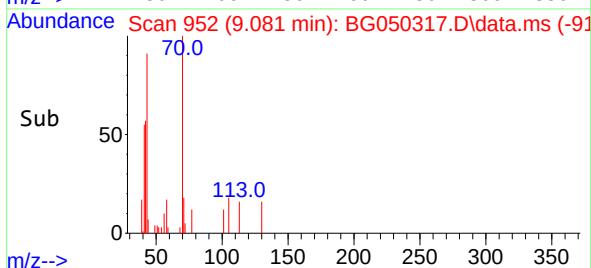
mohammad
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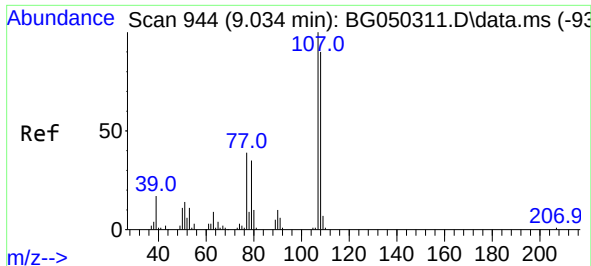


#17
N-Nitroso-di-n-propylamine
Concen: 3.578 ng/ul
RT: 9.081 min Scan# 952
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



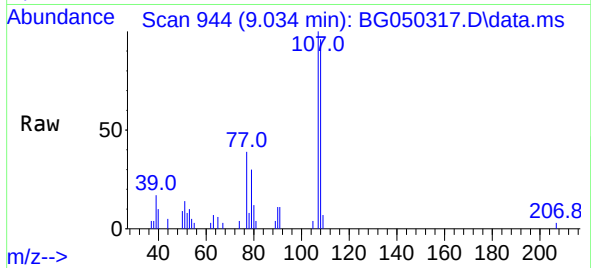
Tgt Ion: 70 Resp: 8836
Ion Ratio Lower Upper
70 100
42 57.3 44.2 66.4
101 12.4 7.8 11.8#
130 16.0 15.3 22.9





#18
4-Methylphenol
Concen: 3.668 ng/ul
RT: 9.034 min Scan# 944
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

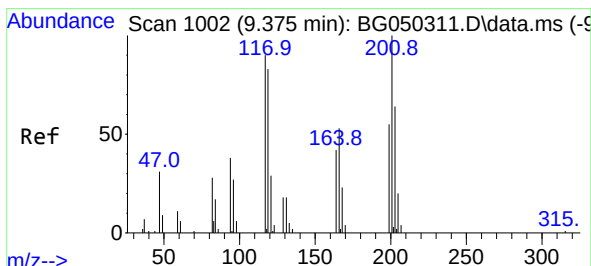
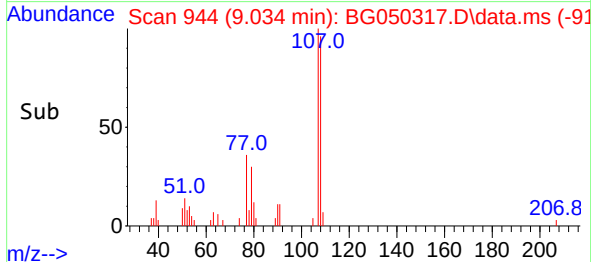
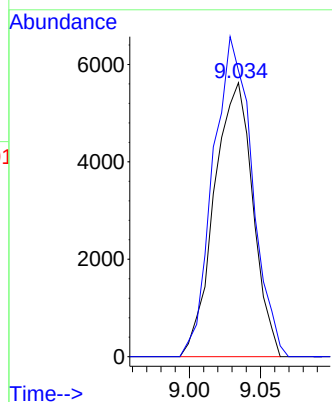
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



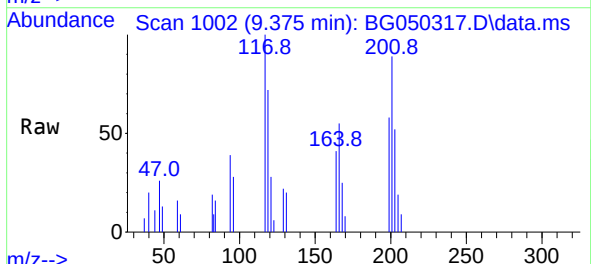
Tgt Ion:108 Resp: 10659
Ion Ratio Lower Upper
108 100
107 104.4 78.3 117.5

Manual Integrations
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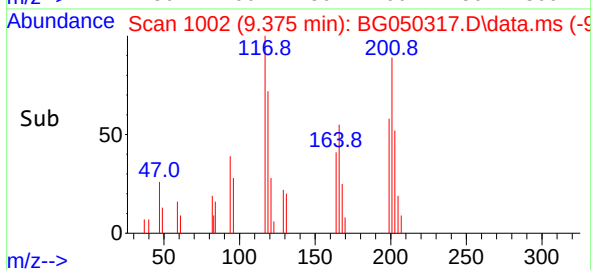
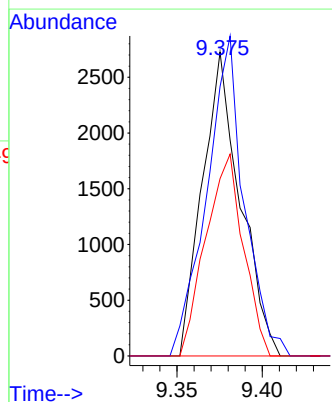
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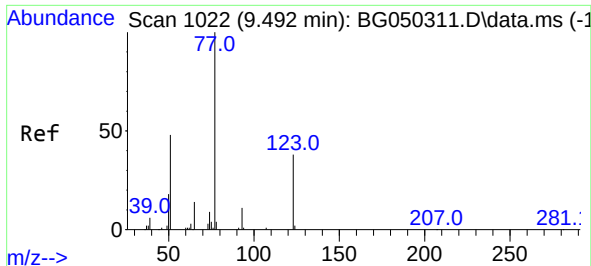


#19
Hexachloroethane
Concen: 3.548 ng/ul
RT: 9.375 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



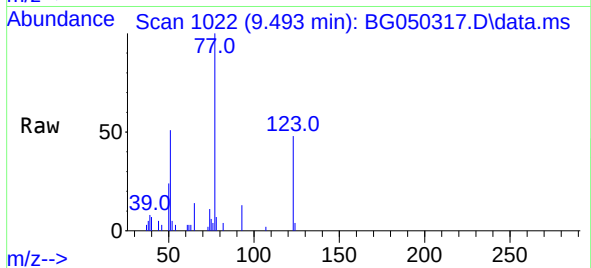
Tgt Ion:117 Resp: 4209
Ion Ratio Lower Upper
117 100
201 88.6 89.3 133.9#
199 58.3 50.5 75.7





#22
Nitrobenzene
Concen: 4.014 ng/ul
RT: 9.493 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

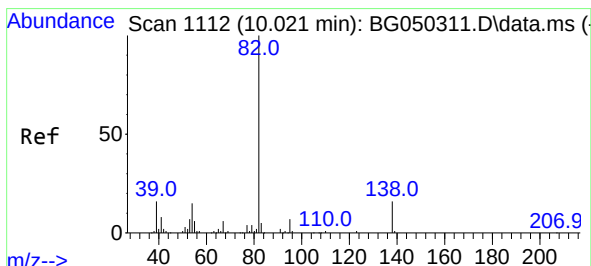
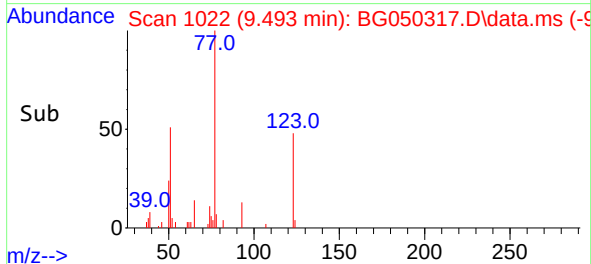
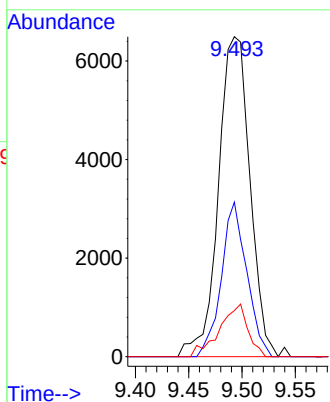
Instrument :
BNA_G
ClientSampleId :
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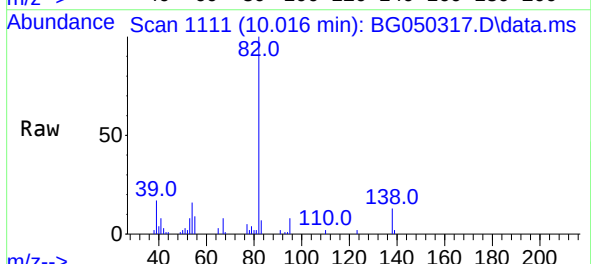
Tgt Ion: 77 Resp: 13354
Ion Ratio Lower Upper
77 100
123 48.3 30.4 45.6#
65 14.4 11.3 16.9

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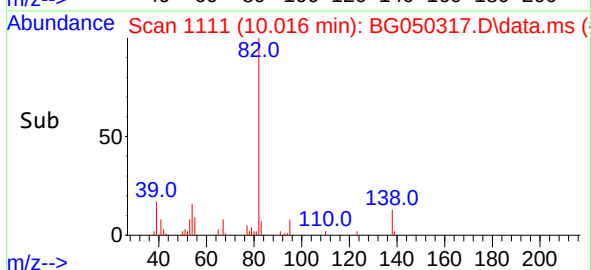
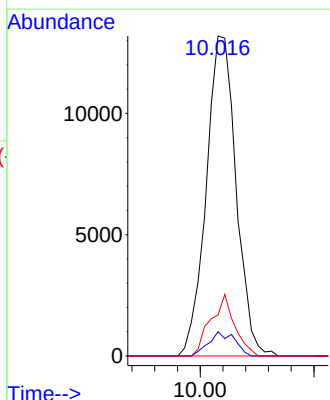
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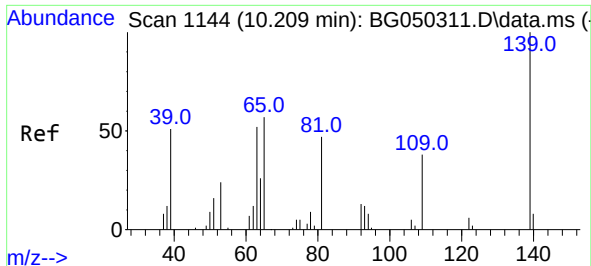


#23
Isophorone
Concen: 3.432 ng/ul
RT: 10.016 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



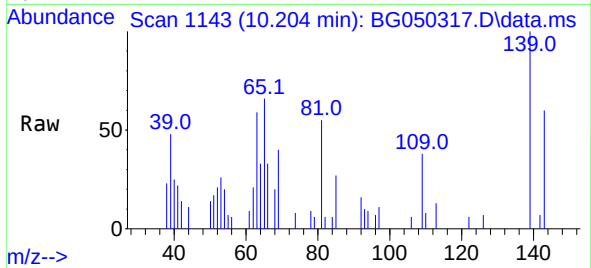
Tgt Ion: 82 Resp: 24080
Ion Ratio Lower Upper
82 100
95 7.6 7.8 11.8#
138 12.8 11.4 17.0





#25
2-Nitrophenol
Concen: 3.848 ng/ul
RT: 10.204 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

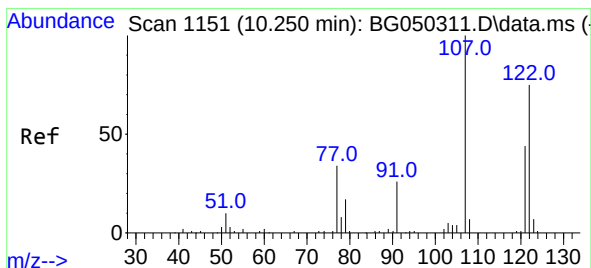
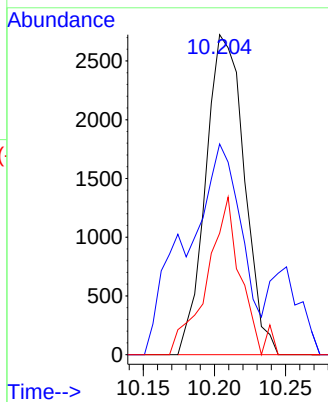
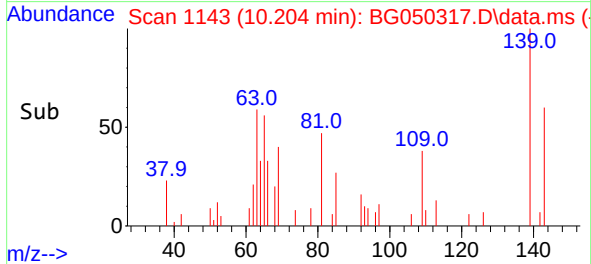
Instrument :
BNA_G
ClientSampleId :
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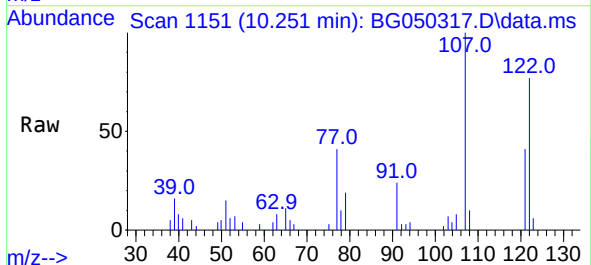
Tgt Ion:139 Resp: 5148
Ion Ratio Lower Upper
139 100
65 65.9 53.1 79.7
109 37.9 44.1 66.1#

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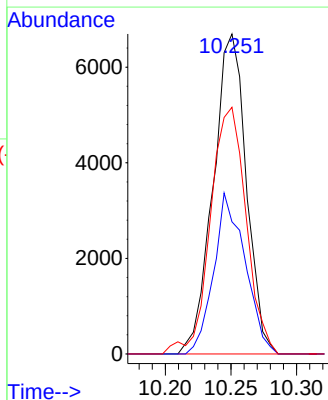
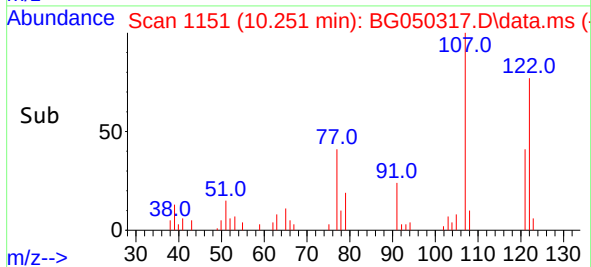
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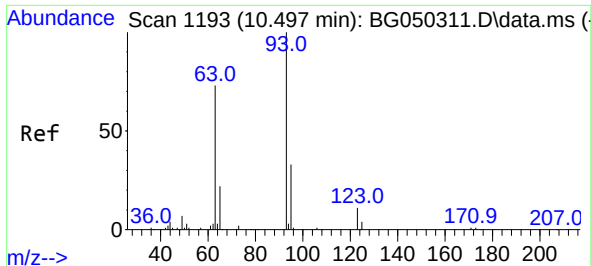


#26
2,4-Dimethylphenol
Concen: 3.286 ng/ul
RT: 10.251 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



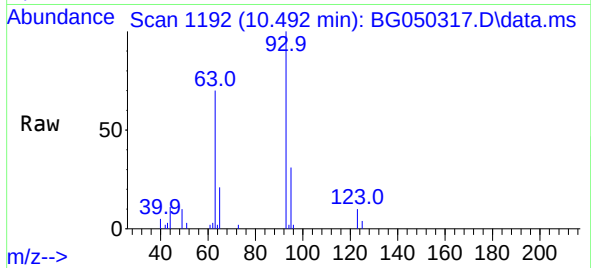
Tgt Ion:107 Resp: 11756
Ion Ratio Lower Upper
107 100
121 41.3 32.7 49.1
122 77.1 52.6 79.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.448 ng/ul
 RT: 10.492 min Scan# 1192
 Delta R.T. -0.005 min
 Lab File: BG050317.D
 Acq: 29 Sep 2021 18:16

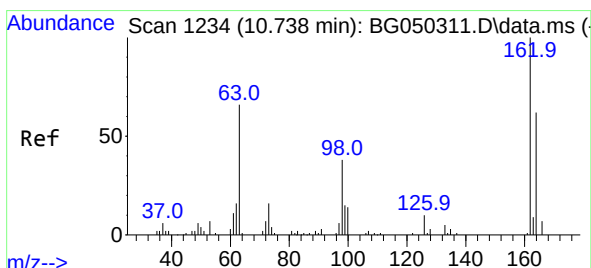
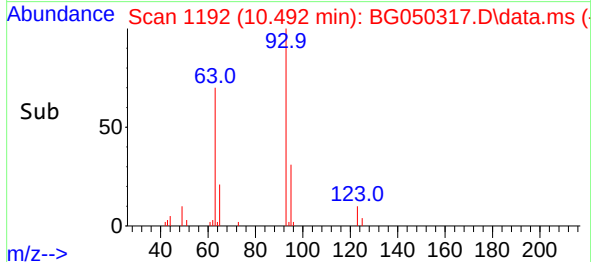
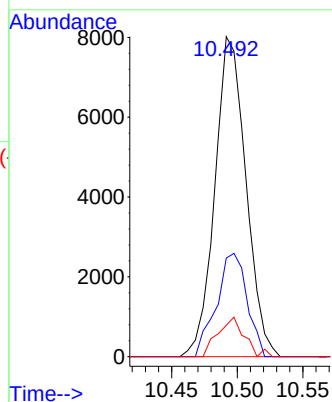
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08



Tgt Ion: 93 Resp: 13209
 Ion Ratio Lower Upper
 93 100
 95 30.8 24.8 37.2
 123 9.8 8.2 12.2

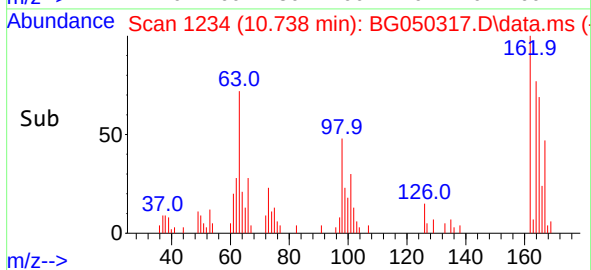
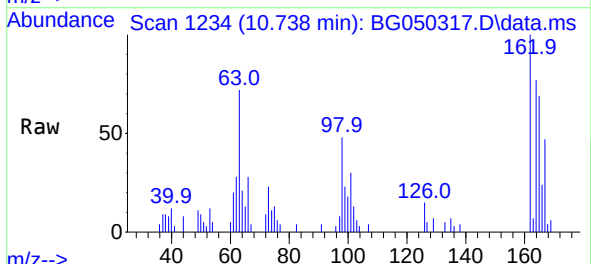
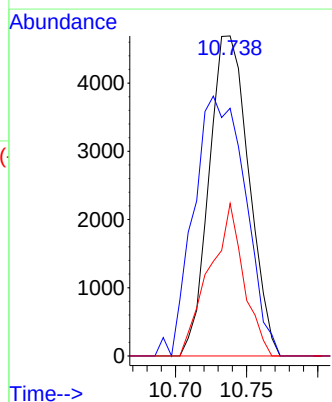
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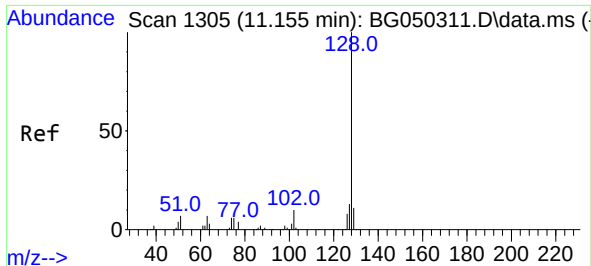
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#29
 2,4-Dichlorophenol
 Concen: 3.168 ng/ul
 RT: 10.738 min Scan# 1234
 Delta R.T. 0.000 min
 Lab File: BG050317.D
 Acq: 29 Sep 2021 18:16

Tgt Ion: 162 Resp: 9119
 Ion Ratio Lower Upper
 162 100
 164 77.4 51.0 76.6#
 98 47.7 27.8 41.8#





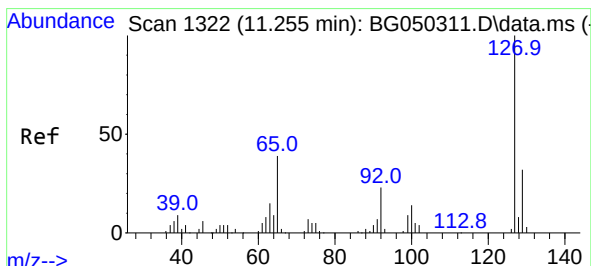
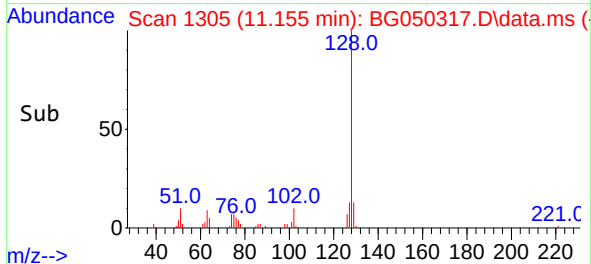
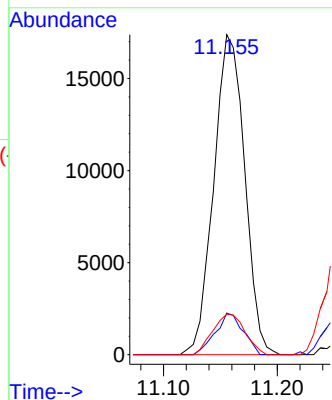
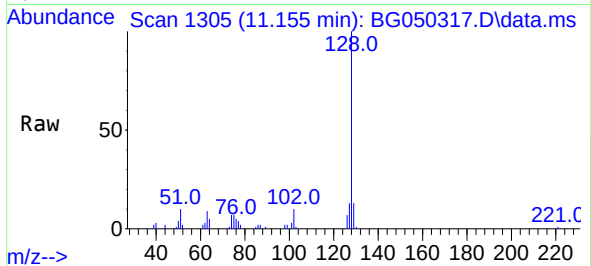
#30
Naphthalene
Concen: 3.411 ng/ul
RT: 11.155 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:128 Resp: 32837
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 12.7 9.8 14.6

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

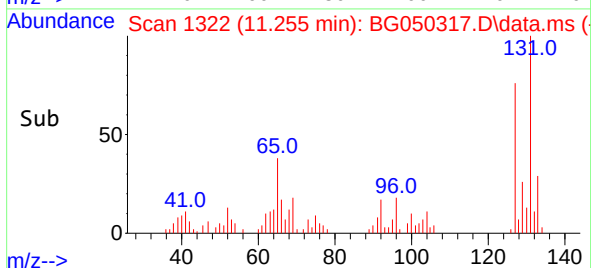
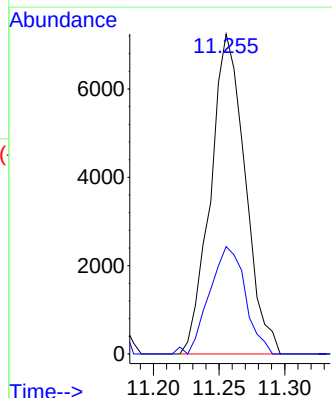
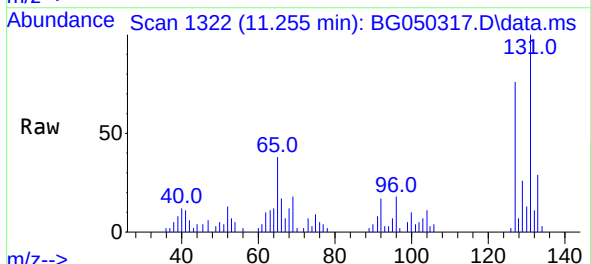
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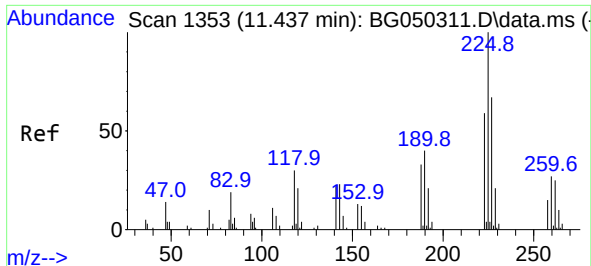
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#32
4-Chloroaniline
Concen: 3.383 ng/ul
RT: 11.255 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:127 Resp: 13261
Ion Ratio Lower Upper
127 100
129 33.6 30.3 45.5





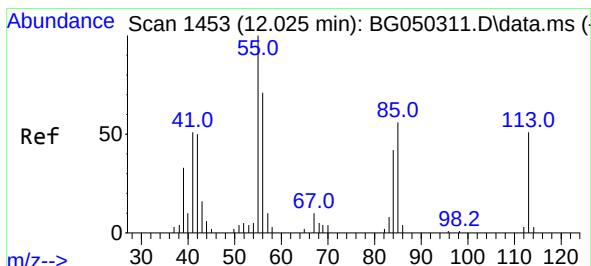
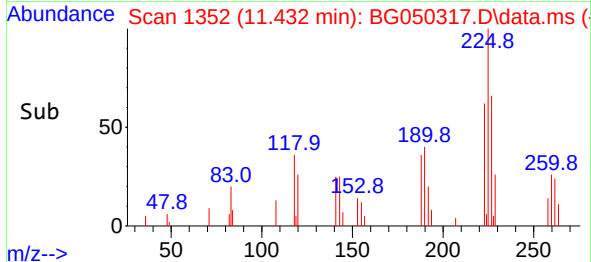
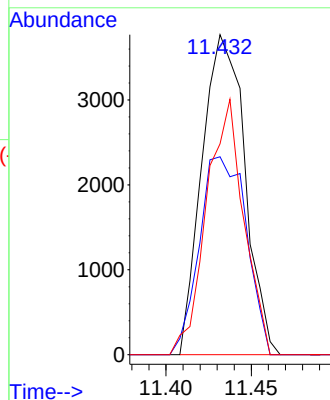
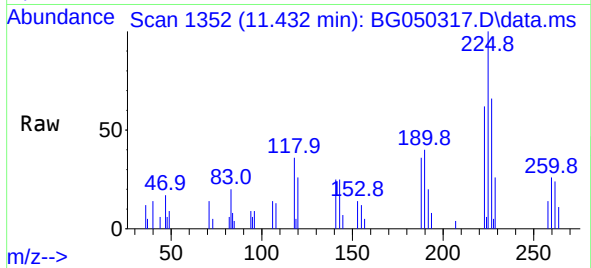
#33
Hexachlorobutadiene
Concen: 2.757 ng/ul
RT: 11.432 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:	225	Resp:	6585
Ion Ratio	Lower	Upper	
225	100		
223	61.9	51.3	76.9
227	65.9	55.1	82.7

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

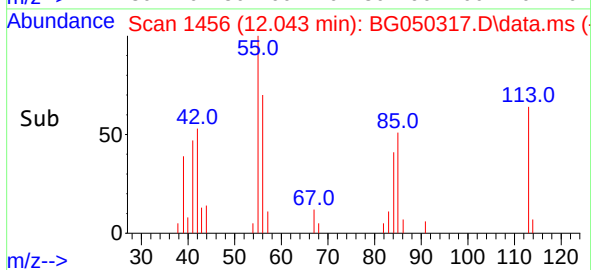
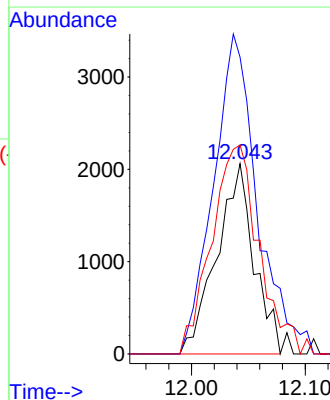
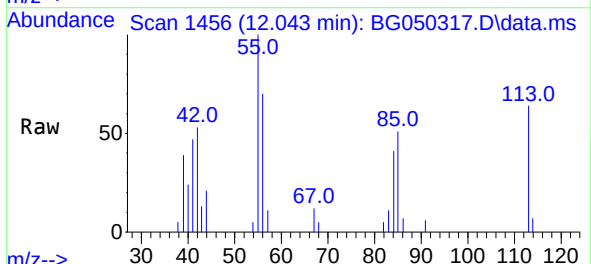
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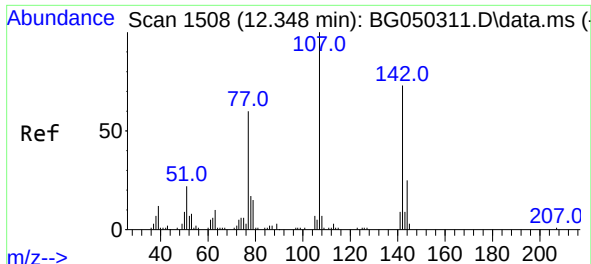
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#34
Caprolactam
Concen: 5.174 ng/ul
RT: 12.043 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

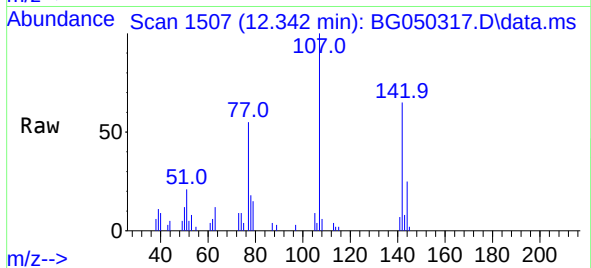
Tgt Ion:	113	Resp:	4697
Ion Ratio	Lower	Upper	
113	100		
55	156.0	114.0	171.0
56	109.8	107.4	161.0





#35
4-Chloro-3-methylphenol
Concen: 3.411 ng/ul
RT: 12.342 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

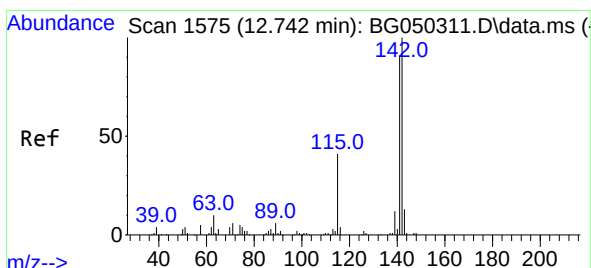
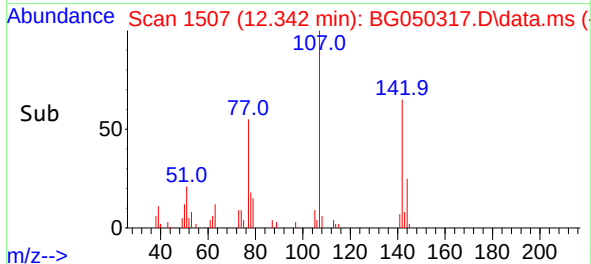
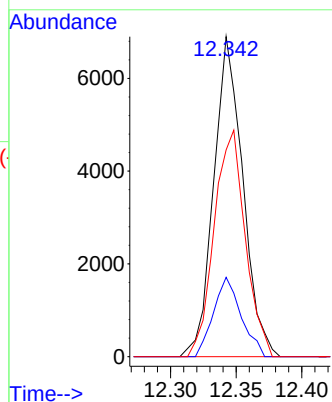
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



Tgt Ion:	107	Resp:	10651
Ion	Ratio	Lower	Upper
107	100		
144	24.8	18.9	28.3
142	64.6	59.2	88.8

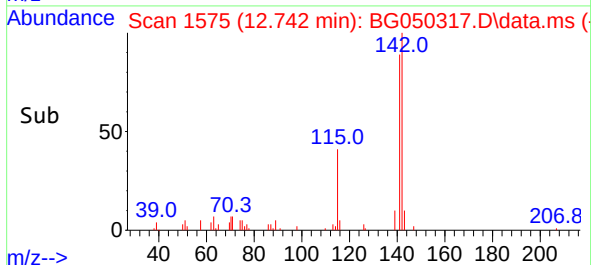
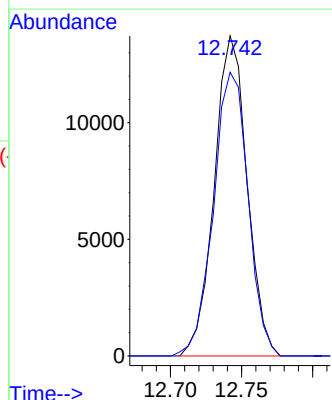
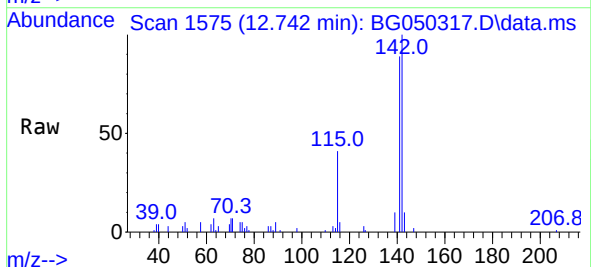
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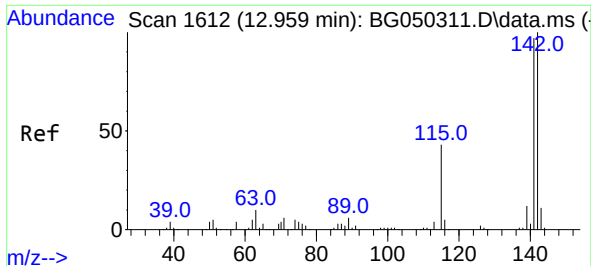
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#36
2-Methylnaphthalene
Concen: 3.302 ng/ul
RT: 12.742 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

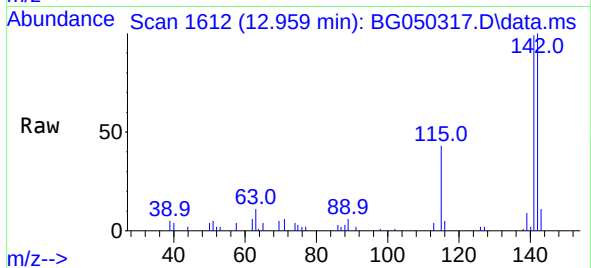
Tgt Ion:	142	Resp:	22017
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.5	105.7





#37
1-Methylnaphthalene
Concen: 3.386 ng/ul
RT: 12.959 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

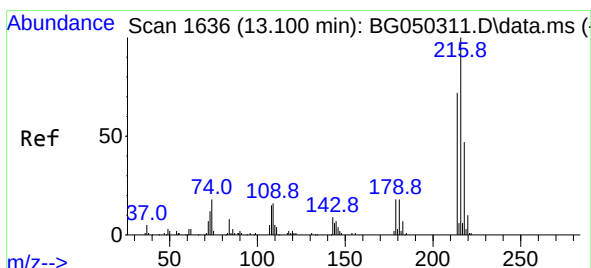
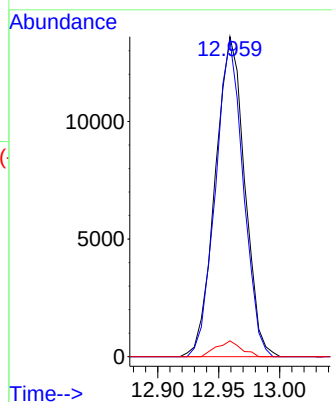
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



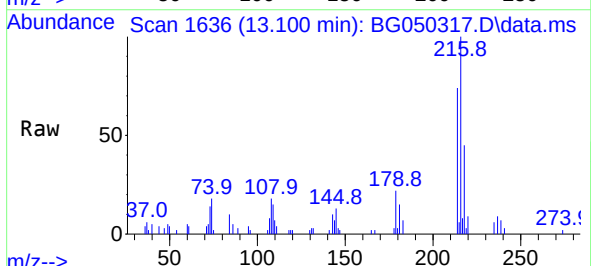
Tgt Ion:142 Resp: 22796
Ion Ratio Lower Upper
142 100
141 98.9 75.8 113.8
116 4.9 3.7 5.5

Manual Integrations
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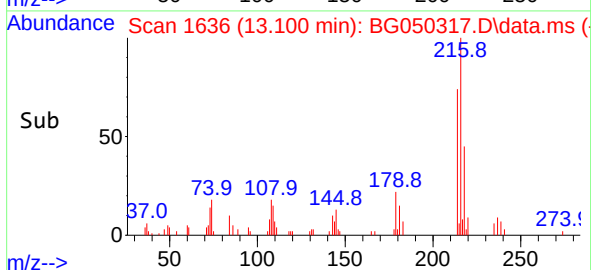
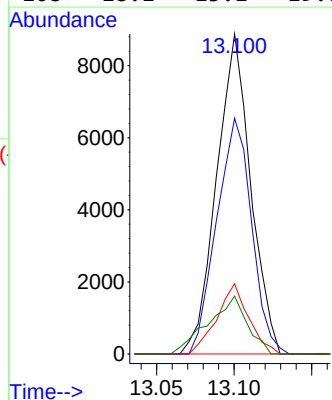
mohammad
9/30/2021 11:30:16 AM

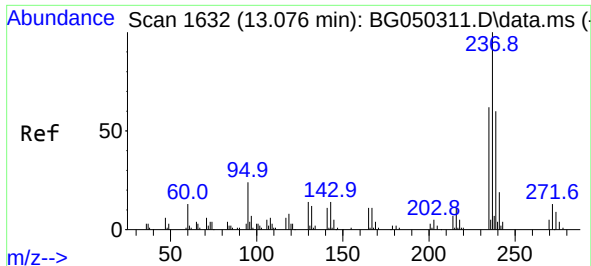


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.203 ng/ul
RT: 13.100 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

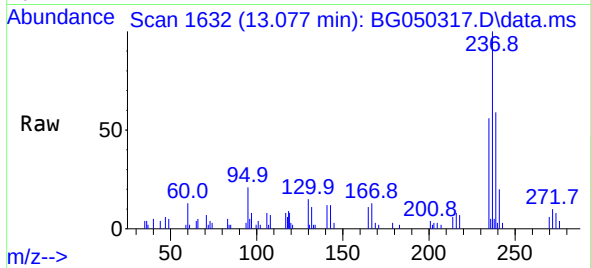


Tgt Ion:216 Resp: 13563
Ion Ratio Lower Upper
216 100
214 73.6 64.2 96.2
179 22.0 12.8 19.2#
108 18.1 13.1 19.7

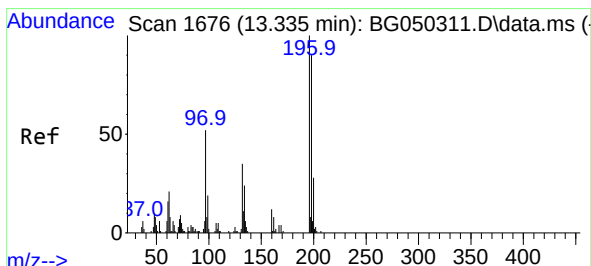
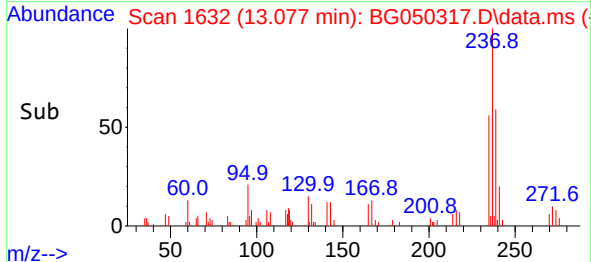
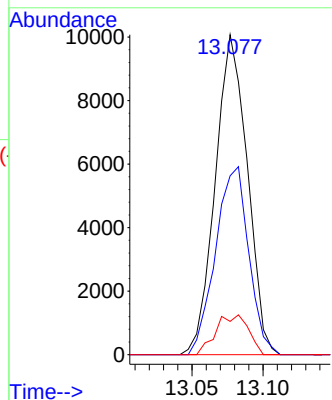




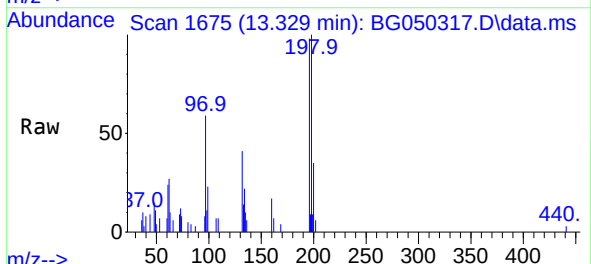
#40
Hexachlorocyclopentadiene
Concen: 5.407 ng/ul
RT: 13.077 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



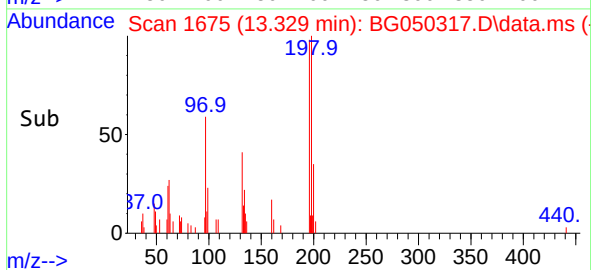
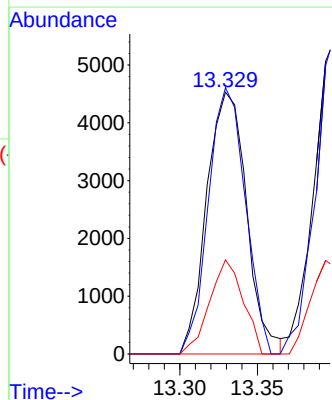
Tgt Ion:237 Resp: 15791
Ion Ratio Lower Upper
237 100
235 55.9 53.5 80.3
272 10.4 11.5 17.3#



#41
2,4,6-Trichlorophenol
Concen: 3.246 ng/ul
RT: 13.329 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



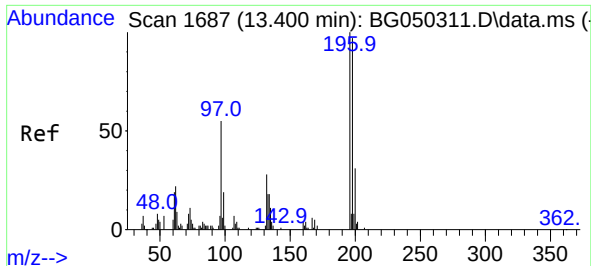
Tgt Ion:196 Resp: 8105
Ion Ratio Lower Upper
196 100
198 101.7 83.7 125.5
200 35.9 25.9 38.9



Instrument :
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ClientSampleId :
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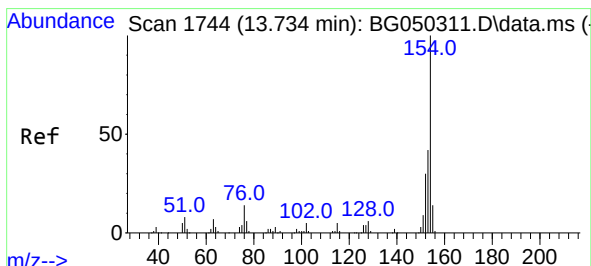
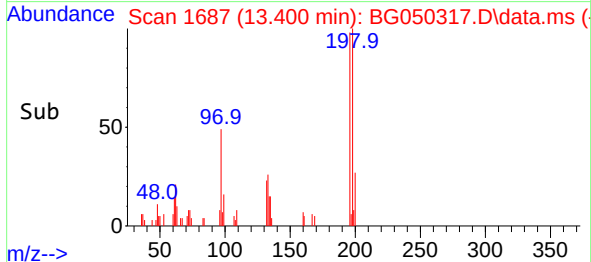
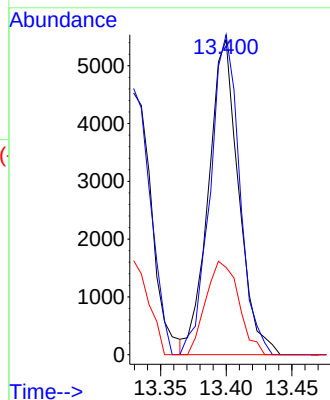
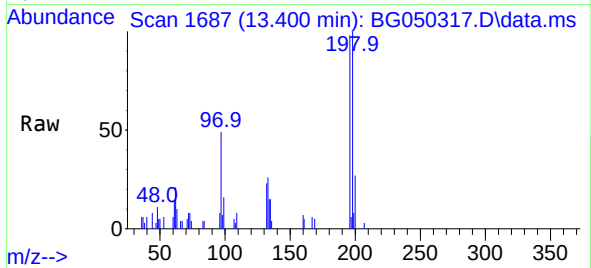
#42
2,4,5-Trichlorophenol
Concen: 3.247 ng/ul
RT: 13.400 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:	196	Resp:	8721
Ion	Ratio	Lower	Upper
196	100		
198	101.6	70.3	105.5
200	27.7	26.6	40.0

Instrument :
BNA_G
ClientSampleId :
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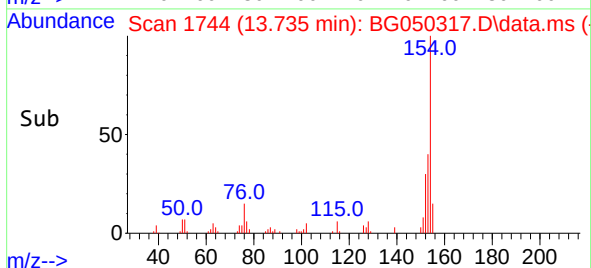
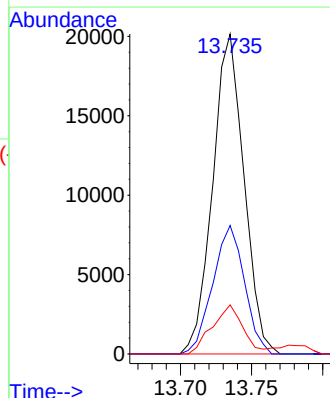
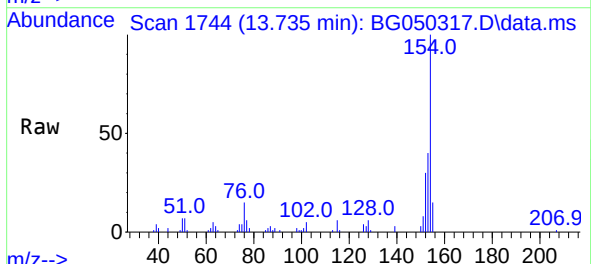
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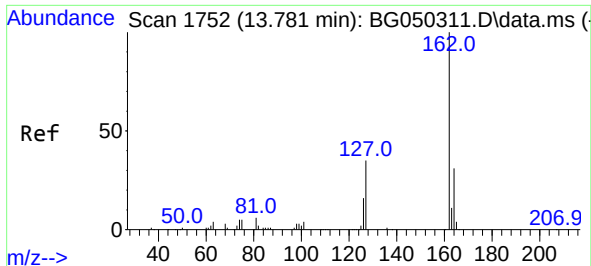
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#43
1,1'-Biphenyl
Concen: 3.374 ng/ul
RT: 13.735 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

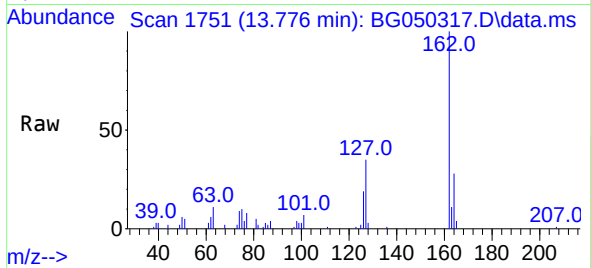
Tgt Ion:	154	Resp:	30780
Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.5	48.7
76	15.3	7.8	11.8#





#44
2-Chloronaphthalene
Concen: 3.430 ng/ul
RT: 13.776 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

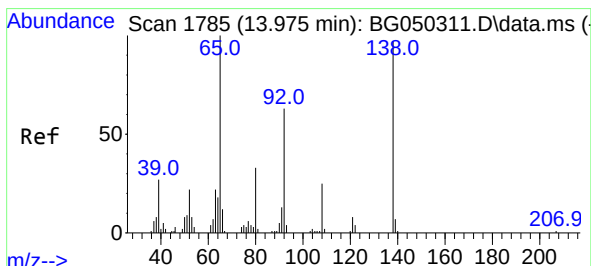
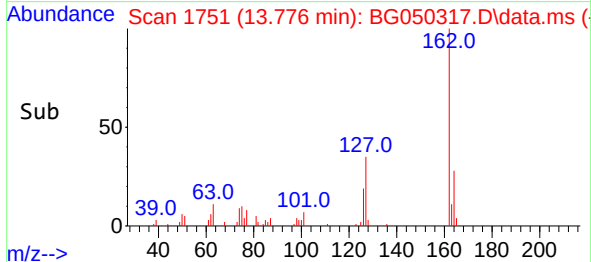
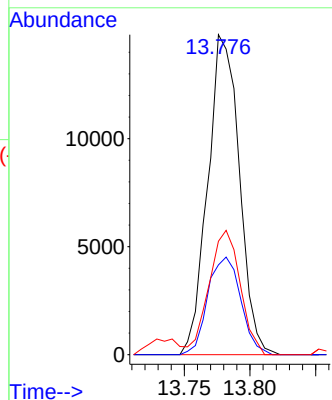
Instrument :
BNA_G
ClientSampleId :
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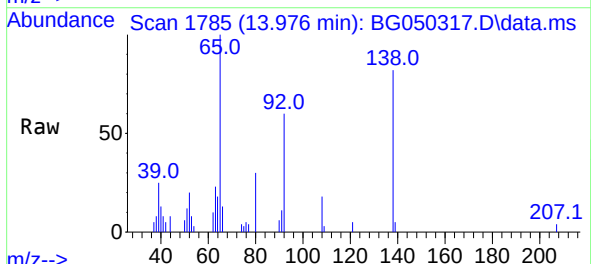
Tgt Ion:	162	Resp:	24762
Ion Ratio	Lower	Upper	
162	100		
164	28.0	25.2	37.8
127	35.4	31.9	47.9

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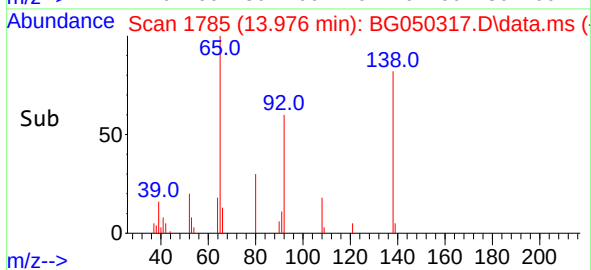
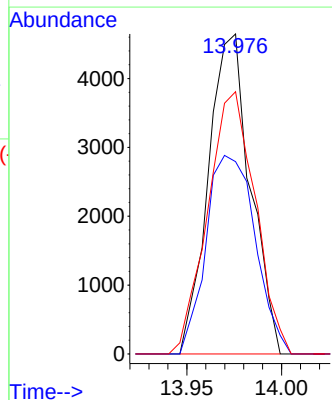
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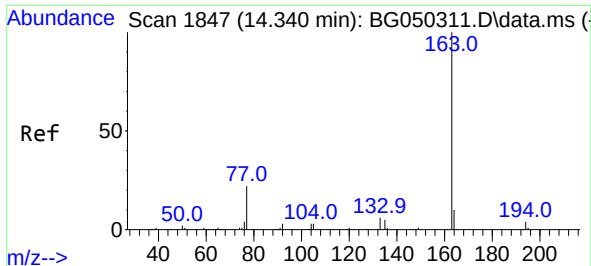


#45
2-Nitroaniline
Concen: 4.179 ng/ul
RT: 13.976 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



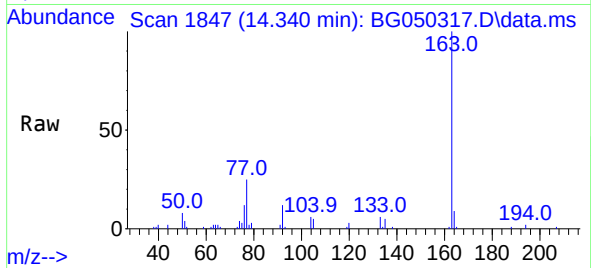
Tgt Ion:	65	Resp:	7182
Ion Ratio	Lower	Upper	
65	100		
92	60.1	55.6	83.4
138	81.9	78.7	118.1





#47
Dimethylphthalate
Concen: 3.411 ng/ul
RT: 14.340 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

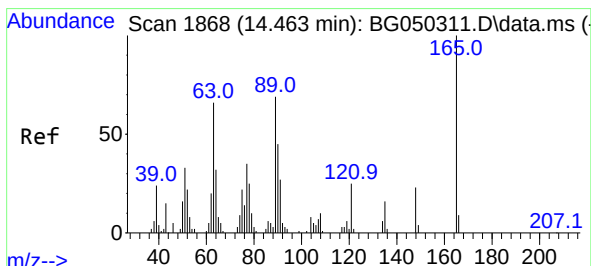
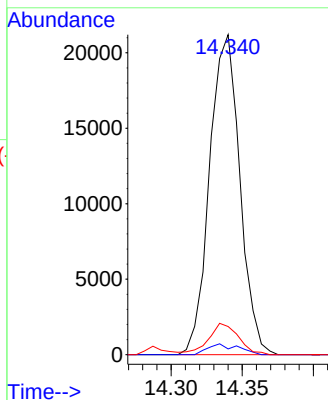
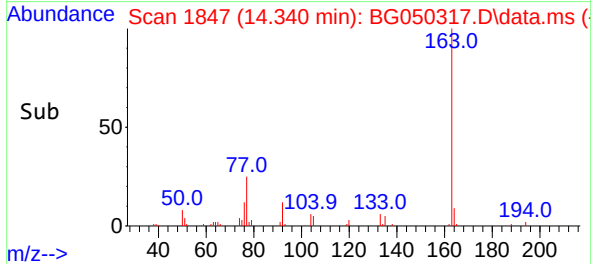
Instrument :
BNA_G
ClientSampleId :
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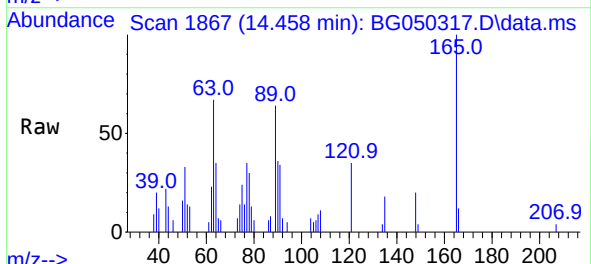
Tgt Ion:163 Resp: 31409
Ion Ratio Lower Upper
163 100
194 1.8 3.4 5.0#
164 8.8 8.2 12.4

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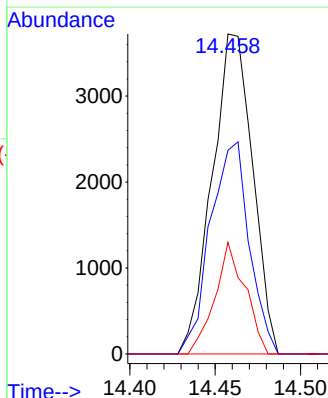
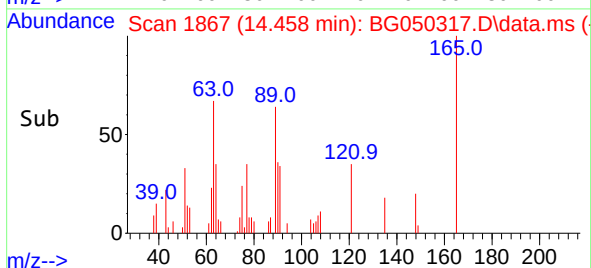
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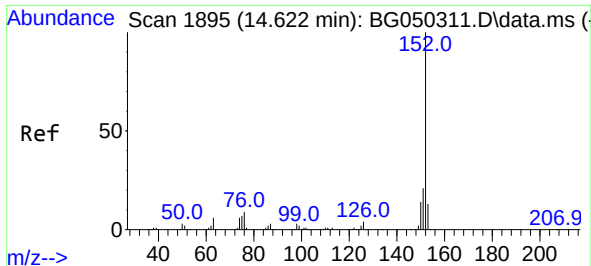


#48
2,6-Dinitrotoluene
Concen: 4.220 ng/ul
RT: 14.458 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



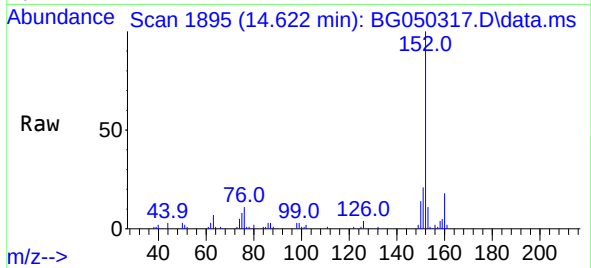
Tgt Ion:165 Resp: 6151
Ion Ratio Lower Upper
165 100
89 63.7 62.5 93.7
121 34.8 22.2 33.2#





#50
Acenaphthylene
Concen: 3.361 ng/ul
RT: 14.622 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

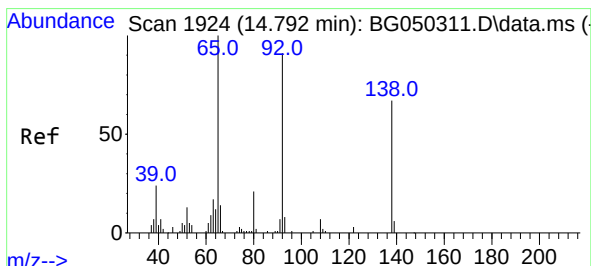
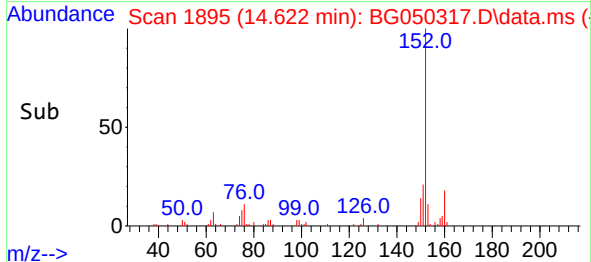
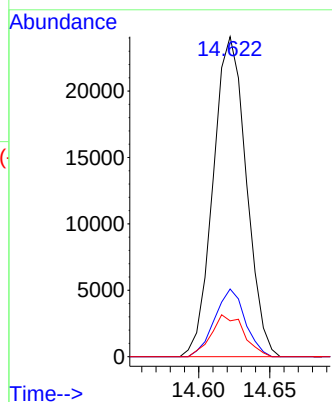
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ClientSampleId :
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Tgt Ion:	152	Resp:	39014
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.2	22.8
153	11.2	10.7	16.1

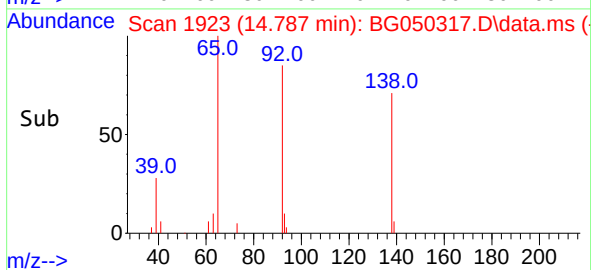
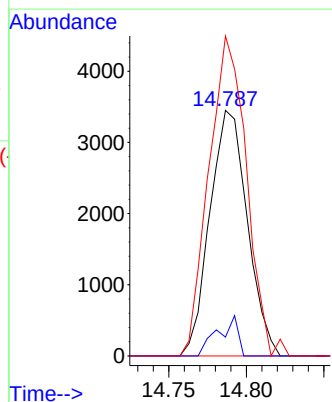
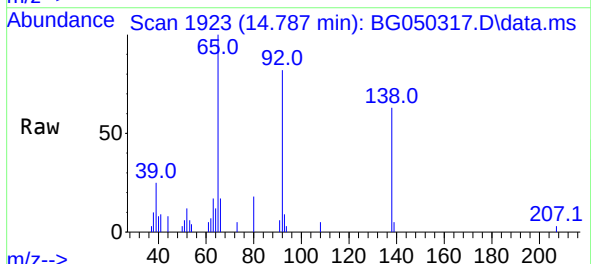
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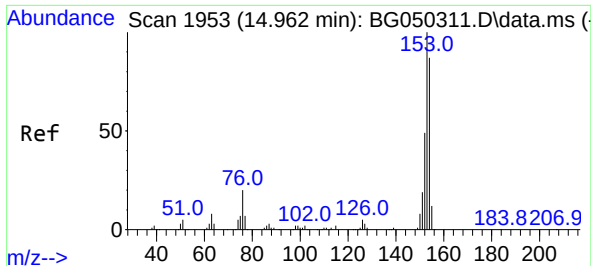
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#51
3-Nitroaniline
Concen: 3.562 ng/ul
RT: 14.787 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

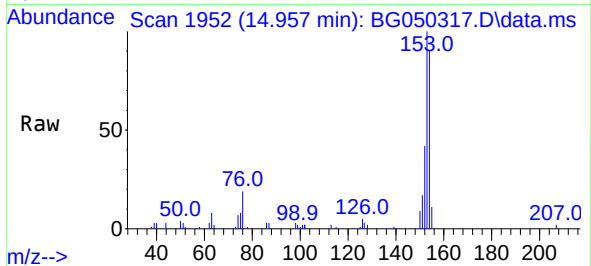
Tgt Ion:	138	Resp:	5804
Ion Ratio	Lower	Upper	
138	100		
108	7.7	9.0	13.4
92	130.3	96.4	144.6





#52
Acenaphthene
Concen: 3.502 ng/ul
RT: 14.957 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

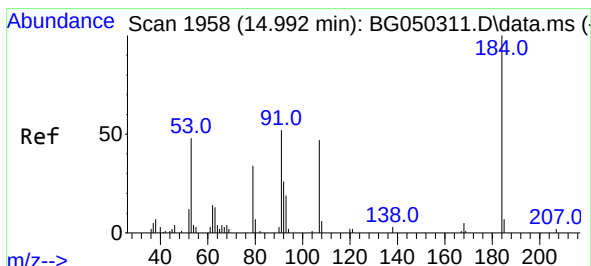
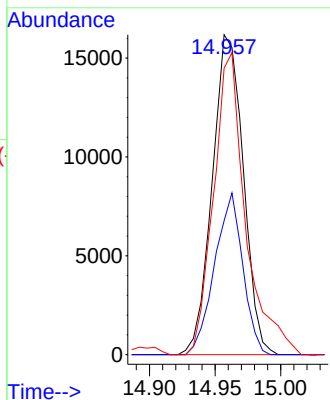
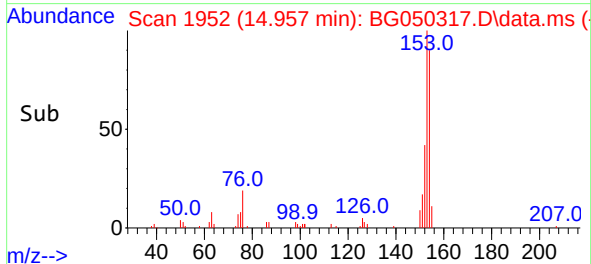
Instrument :
BNA_G
ClientSampleId :
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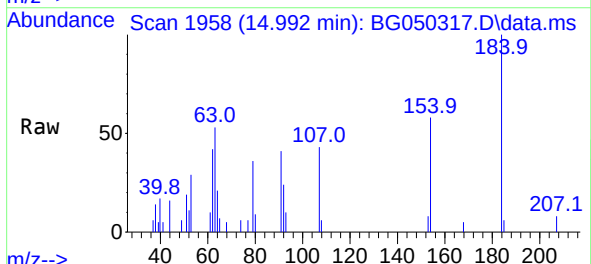
Tgt Ion:153 Resp: 26616
Ion Ratio Lower Upper
153 100
152 41.8 37.4 56.2
154 89.5 71.5 107.3

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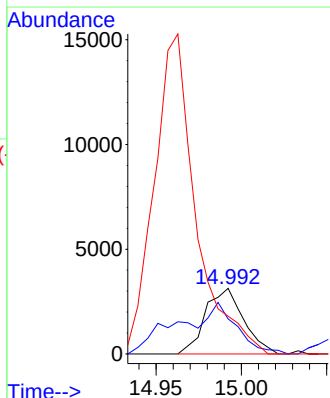
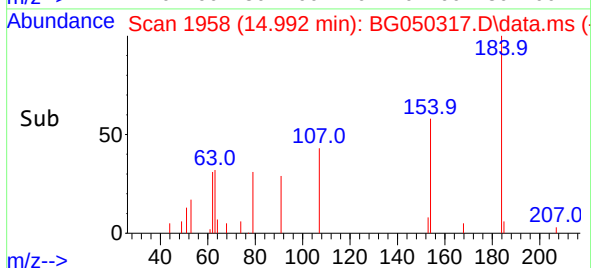
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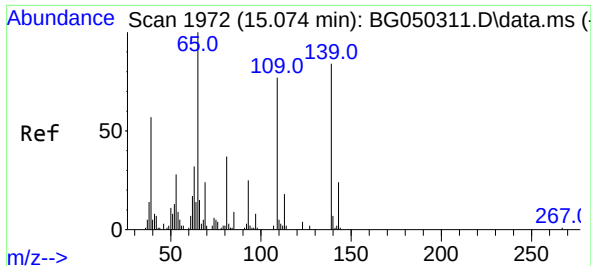


#53
2,4-Dinitrophenol
Concen: 5.285 ng/ul
RT: 14.992 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



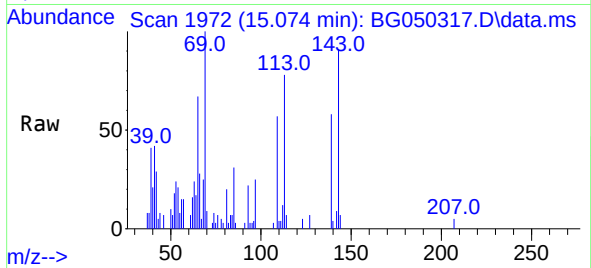
Tgt Ion:184 Resp: 4877
Ion Ratio Lower Upper
184 100
63 53.4 75.8 113.8#
154 57.6 64.6 96.8#





#55
4-Nitrophenol
Concen: 3.377 ng/ul
RT: 15.074 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

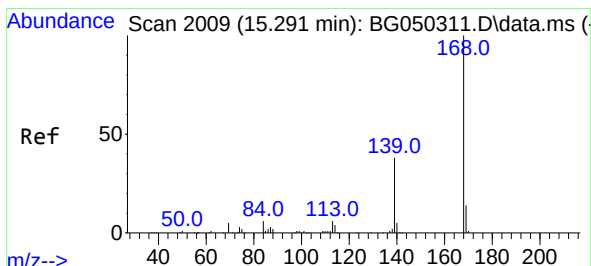
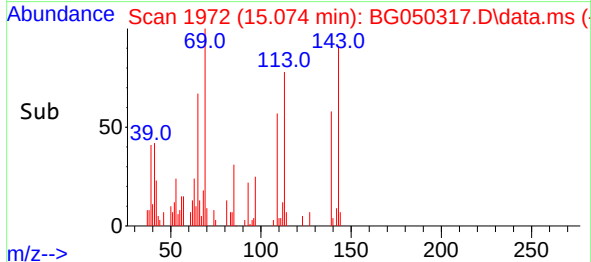
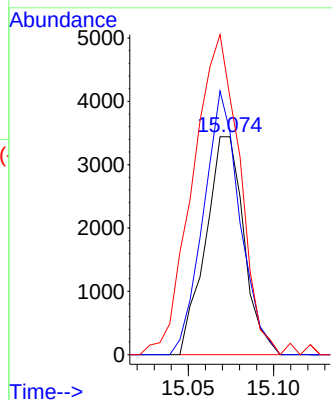
Instrument :
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Tgt Ion	Ratio	Lower	Upper
109	100		
139	102.3	61.4	92.0#
65	117.9	76.5	114.7#

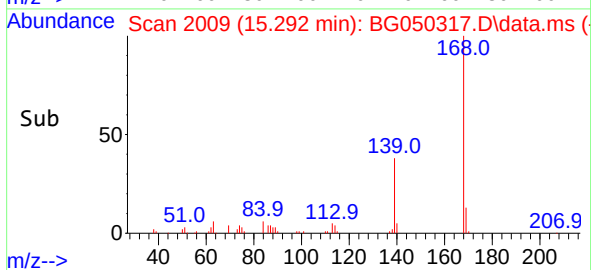
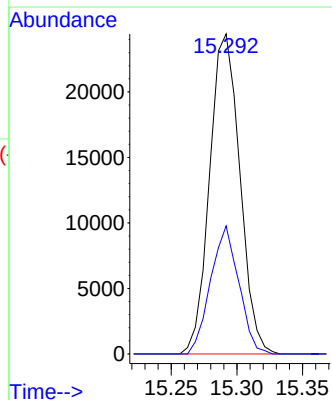
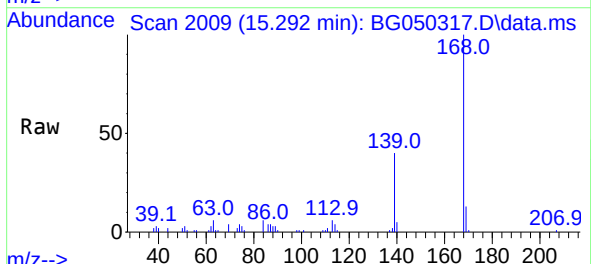
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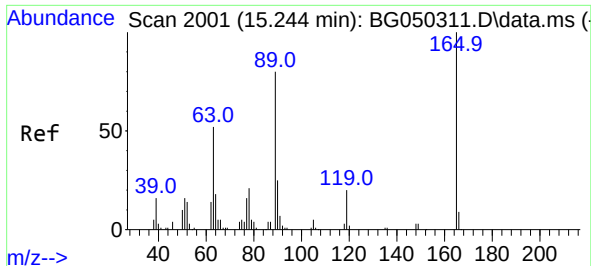
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#56
Dibenzofuran
Concen: 3.442 ng/ul
RT: 15.292 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.8	50.8





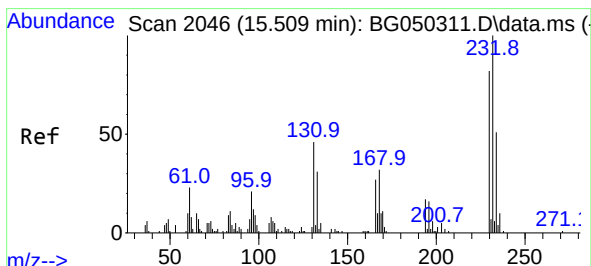
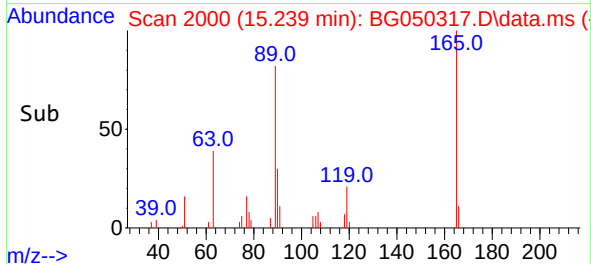
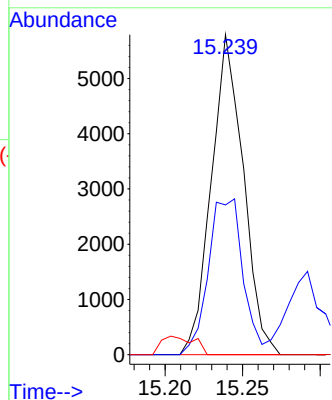
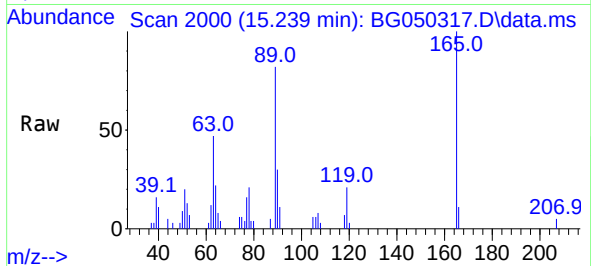
#57
2,4-Dinitrotoluene
Concen: 4.022 ng/ul
RT: 15.239 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	42.3	63.5
182	0.0	2.6	4.0#

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

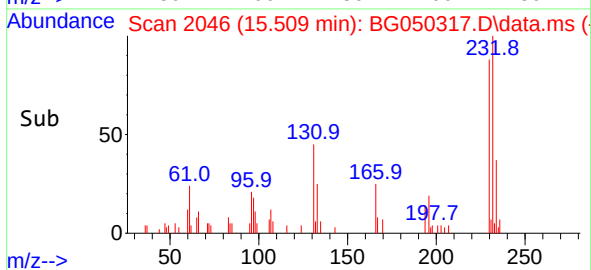
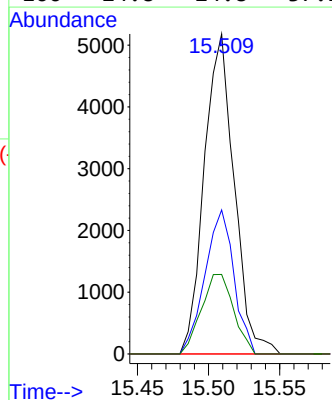
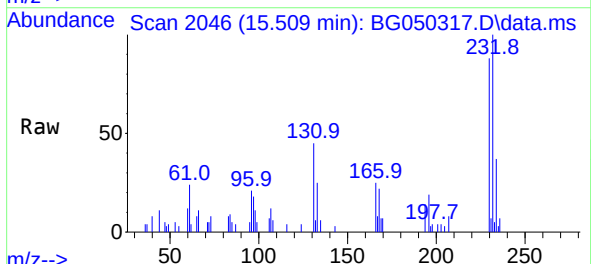
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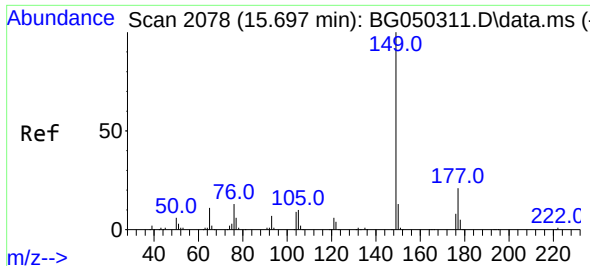
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#58
2,3,4,6-Tetrachlorophenol
Concen: 3.139 ng/ul
RT: 15.509 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

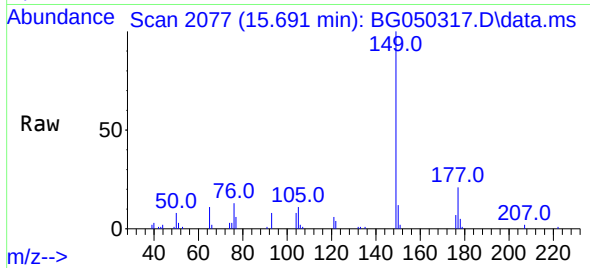
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.0	40.0	60.0
130	0.0	1.8	2.8#
166	24.8	24.8	37.2





#59
Diethylphthalate
Concen: 3.316 ng/ul
RT: 15.691 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

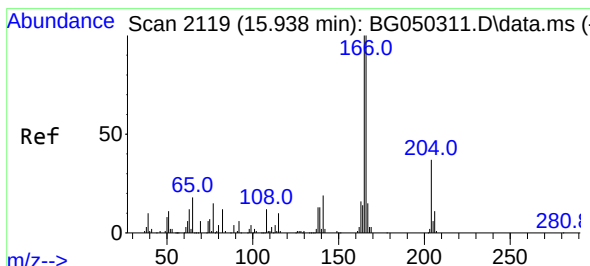
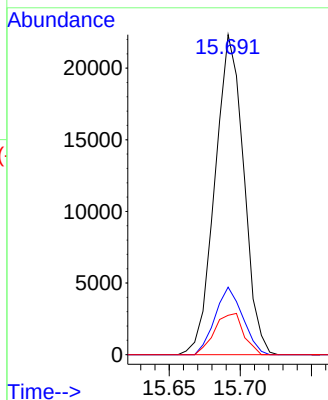
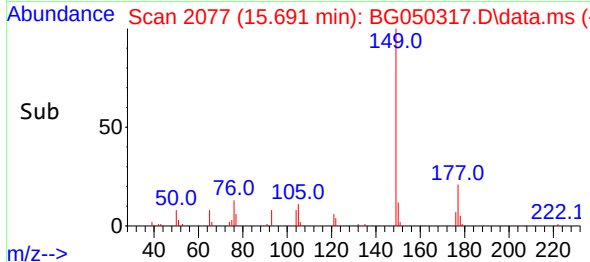
Instrument :
BNA_G
ClientSampleId :
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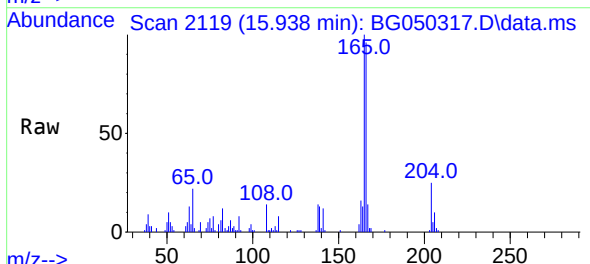
Tgt Ion:149 Resp: 31385
Ion Ratio Lower Upper
149 100
177 21.1 15.8 23.6
150 12.3 9.7 14.5

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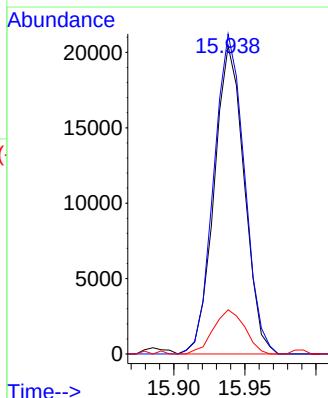
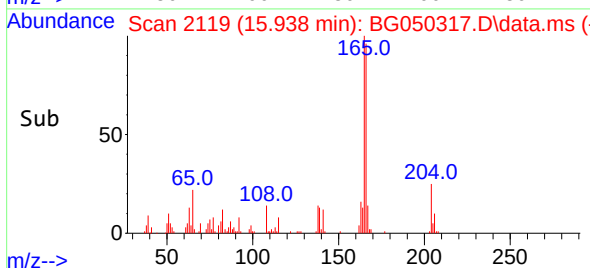
mohammad
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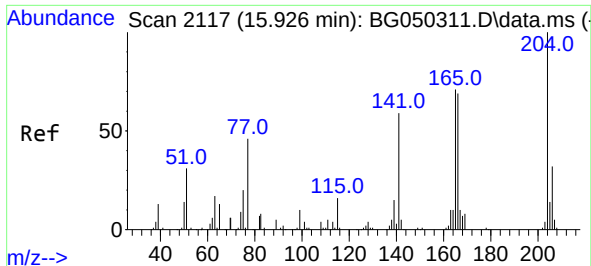


#61
Fluorene
Concen: 3.374 ng/ul
RT: 15.938 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



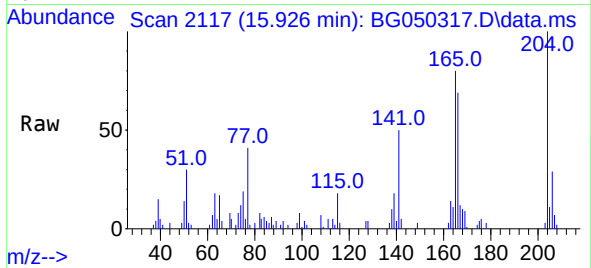
Tgt Ion:166 Resp: 30057
Ion Ratio Lower Upper
166 100
165 103.8 83.3 124.9
167 14.3 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 3.366 ng/ul
RT: 15.926 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

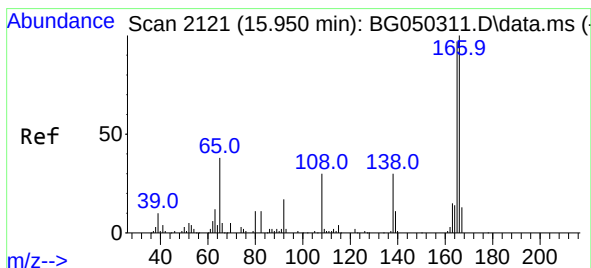
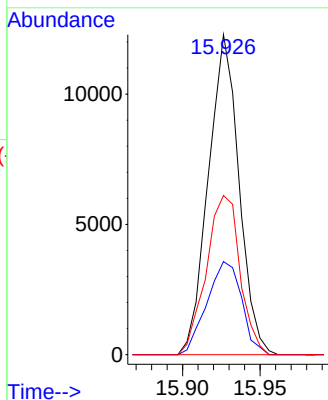
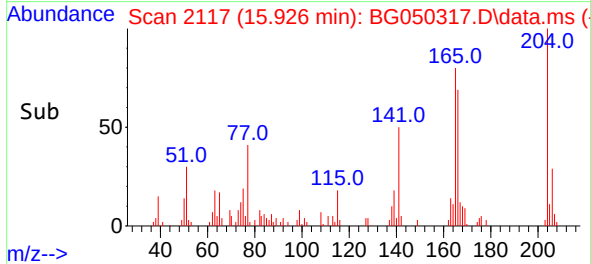
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



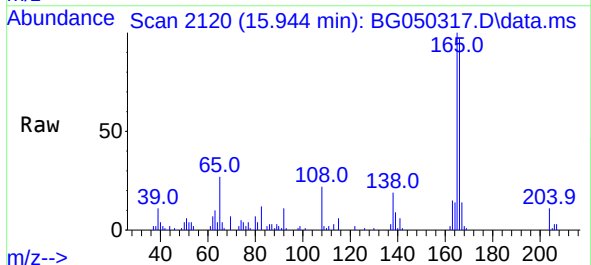
Tgt Ion:204 Resp: 16881
Ion Ratio Lower Upper
204 100
206 29.1 25.4 38.2
141 49.7 51.8 77.6#

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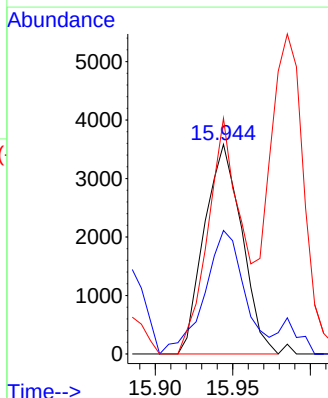
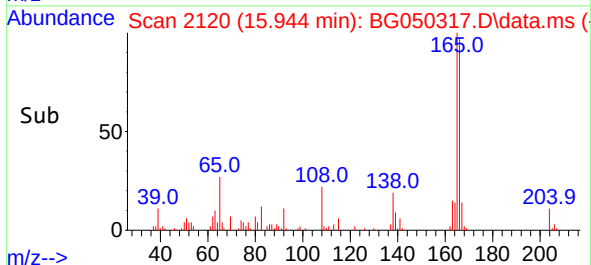
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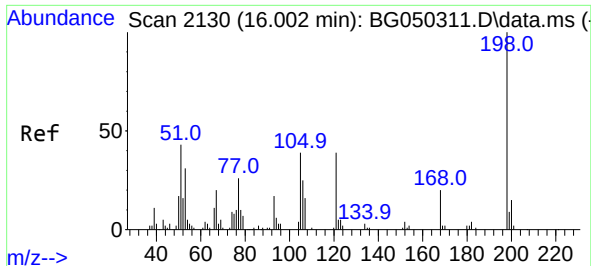


#63
4-Nitroaniline
Concen: 3.603 ng/ul
RT: 15.944 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



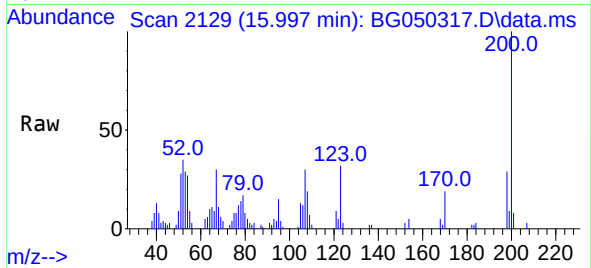
Tgt Ion:138 Resp: 6044
Ion Ratio Lower Upper
138 100
92 58.9 50.0 75.0
108 112.5 101.8 152.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.886 ng/ul
RT: 15.997 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

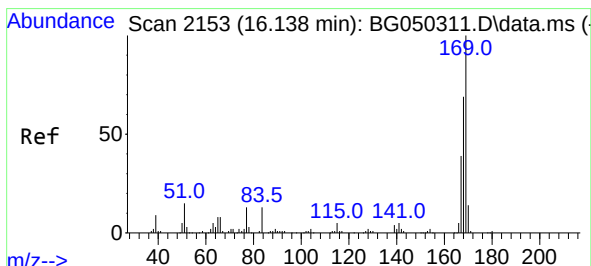
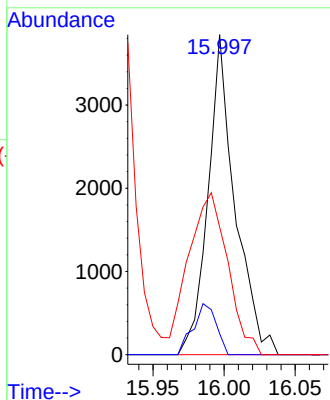
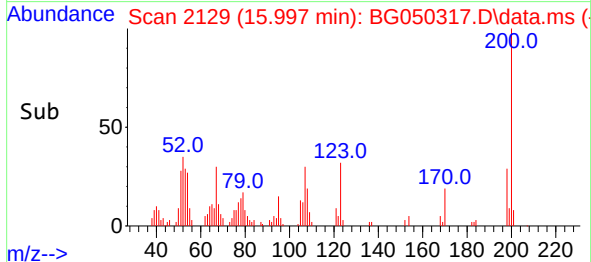
Instrument :
BNA_G
ClientSampleId :
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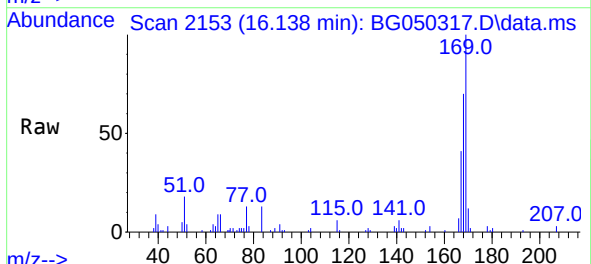
Tgt Ion:198 Resp: 5070
Ion Ratio Lower Upper
198 100
182 6.6 3.0 4.6#
77 39.9 23.4 35.2#

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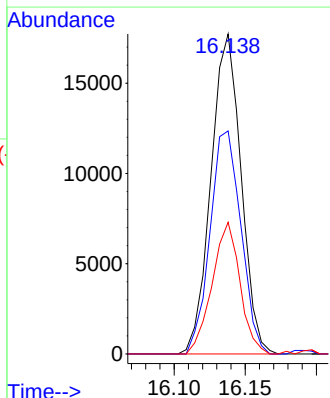
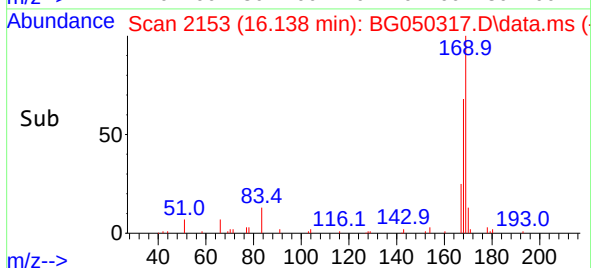
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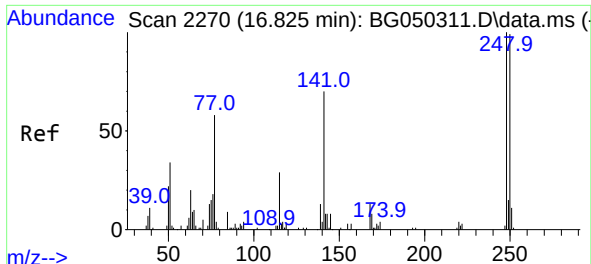


#67
N-Nitrosodiphenylamine
Concen: 3.368 ng/ul
RT: 16.138 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



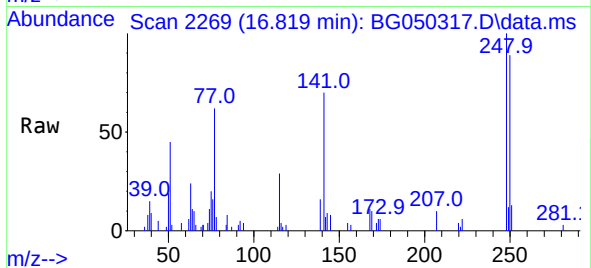
Tgt Ion:169 Resp: 26105
Ion Ratio Lower Upper
169 100
168 69.7 55.0 82.6
167 41.2 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 3.266 ng/ul
RT: 16.819 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

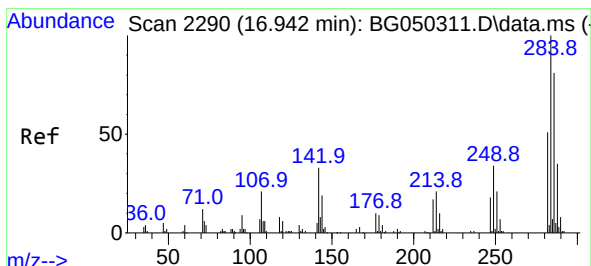
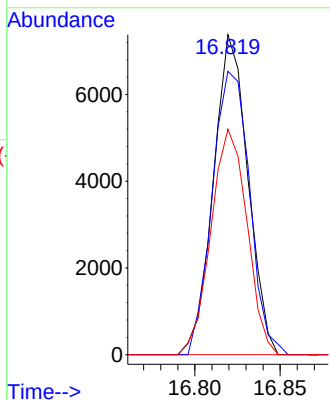
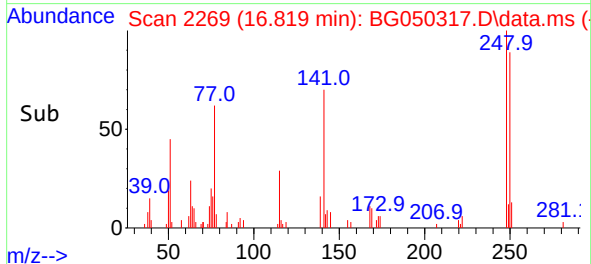
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



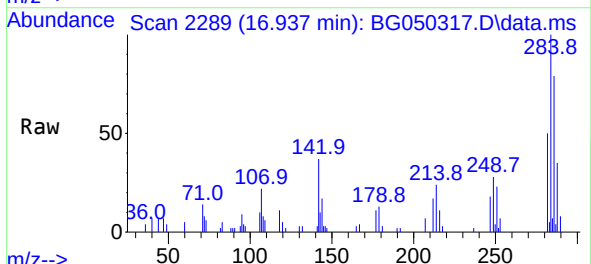
Tgt Ion:248 Resp: 10379
Ion Ratio Lower Upper
248 100
250 88.5 80.2 120.2
141 70.5 60.6 90.8

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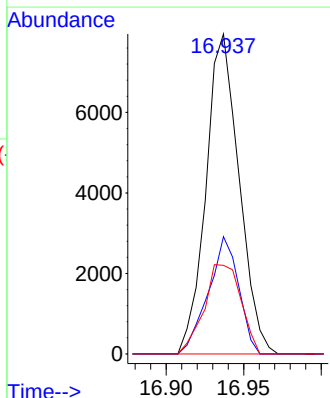
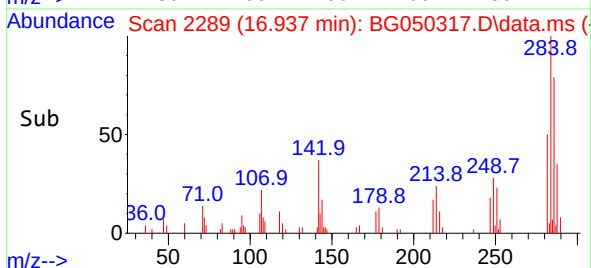
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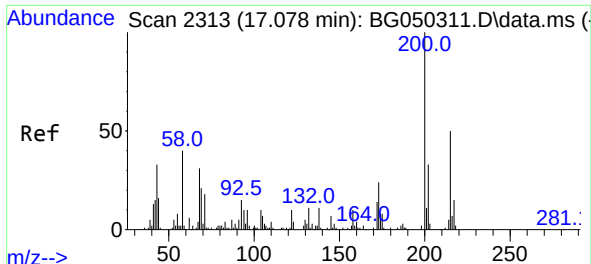


#69
Hexachlorobenzene
Concen: 3.350 ng/ul
RT: 16.937 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

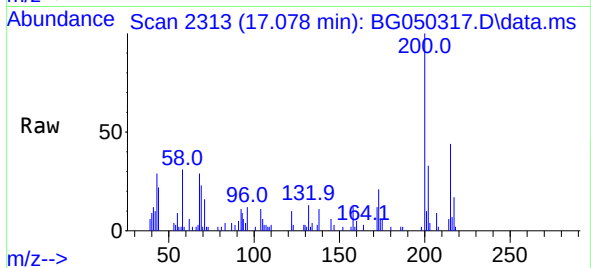


Tgt Ion:284 Resp: 11797
Ion Ratio Lower Upper
284 100
142 36.6 28.7 43.1
249 27.7 25.5 38.3

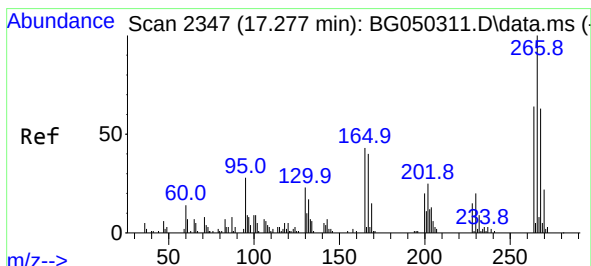
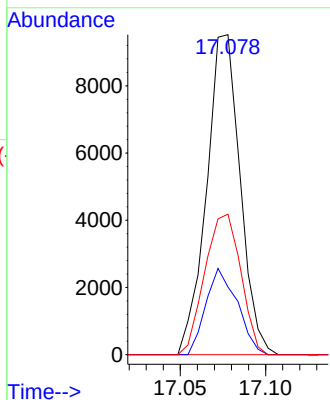
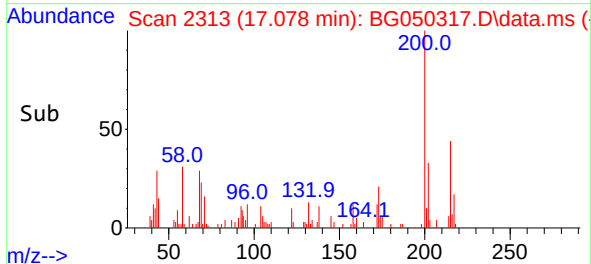




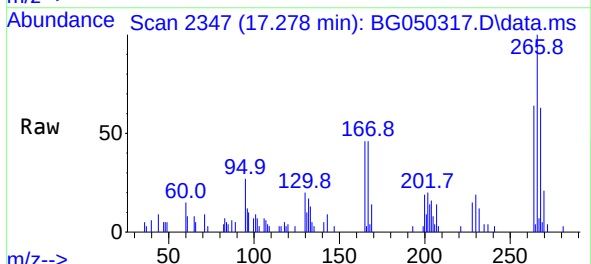
#70
Atrazine
Concen: 3.823 ng/ul
RT: 17.078 min Scan# 2313
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



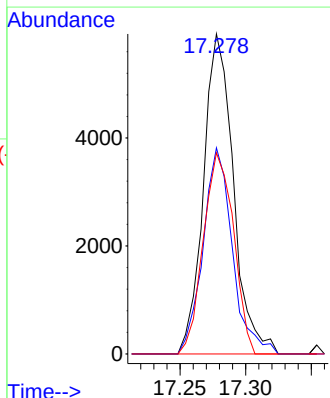
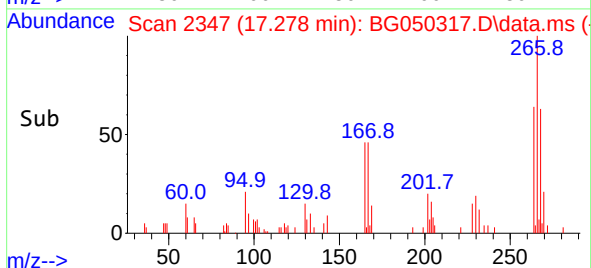
Tgt Ion:	200	Resp:	13075
Ion Ratio	Lower	Upper	
200	100		
173	21.2	19.3	28.9
215	43.9	34.9	52.3



#71
Pentachlorophenol
Concen: 4.184 ng/ul
RT: 17.278 min Scan# 2347
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



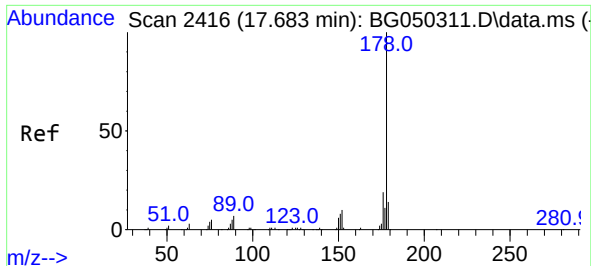
Tgt Ion:	266	Resp:	9401
Ion Ratio	Lower	Upper	
266	100		
264	68.8	54.1	81.1
268	67.5	52.6	78.8



Instrument :
BNA_G
ClientSampleId :
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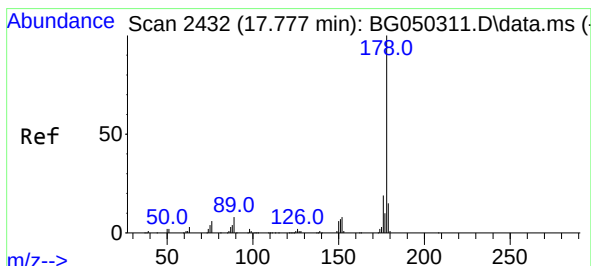
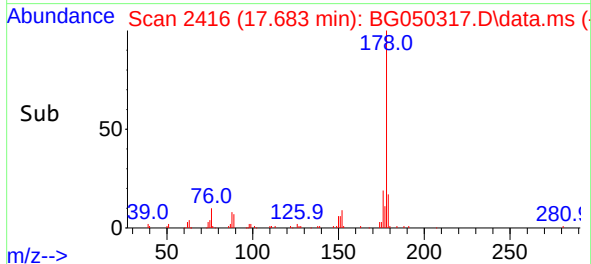
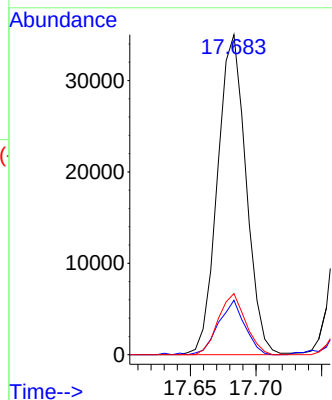
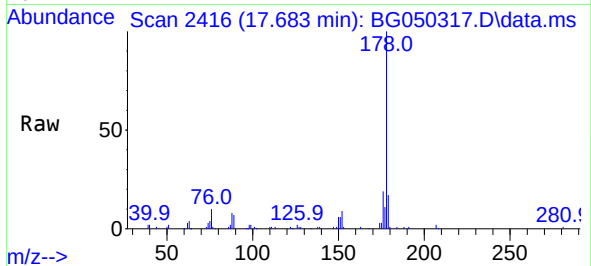
#72
Phenanthrene
Concen: 3.481 ng/uI
RT: 17.683 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:178 Resp: 52948
Ion Ratio Lower Upper
178 100
179 17.0 11.7 17.5
176 19.1 16.2 24.2

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

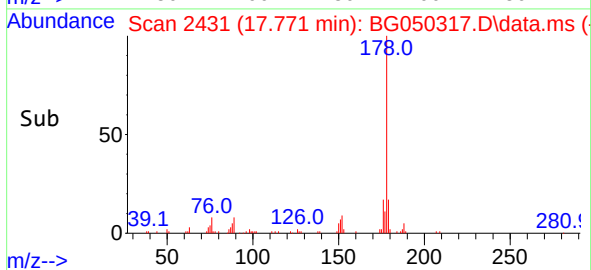
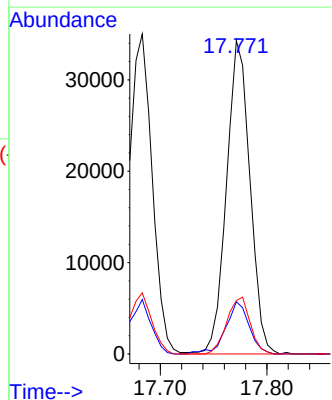
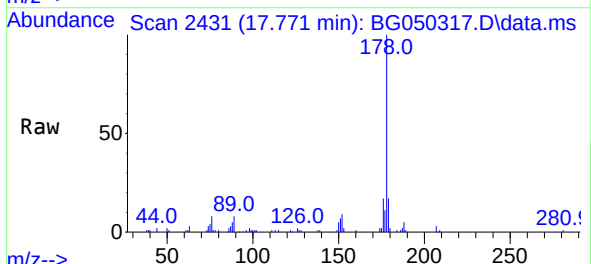
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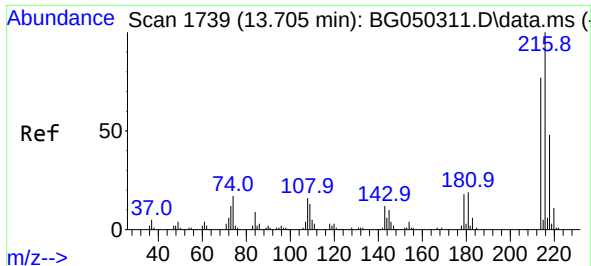
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#74
Anthracene
Concen: 3.461 ng/uI
RT: 17.771 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

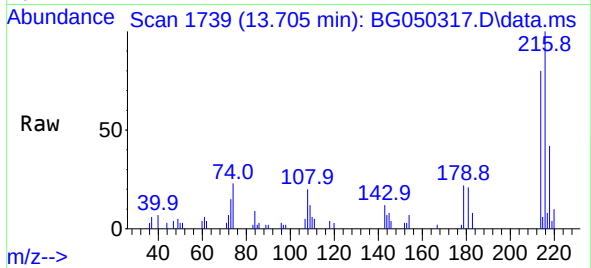
Tgt Ion:178 Resp: 52440
Ion Ratio Lower Upper
178 100
179 16.6 11.4 17.0
176 17.1 12.8 19.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.212 ng/uL
RT: 13.705 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

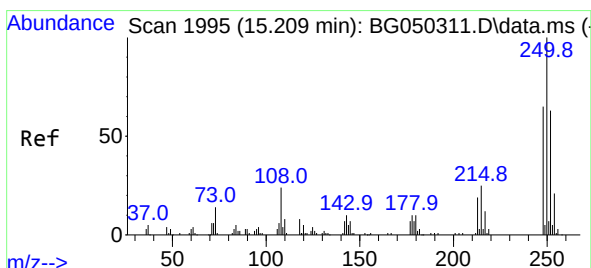
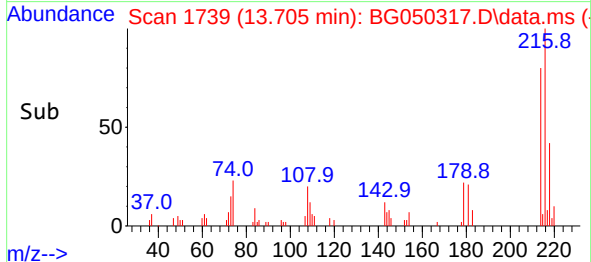
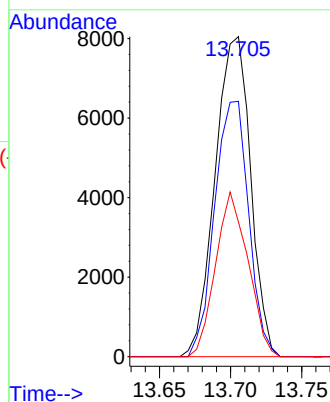
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



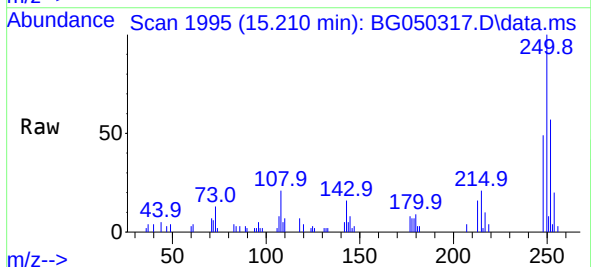
Tgt Ion	Ratio	Lower	Upper
216	100		
214	86.0	70.9	106.3
218	42.1	40.9	61.3

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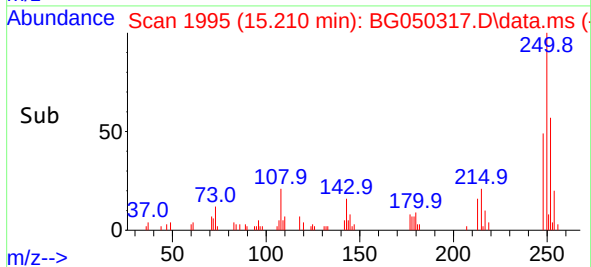
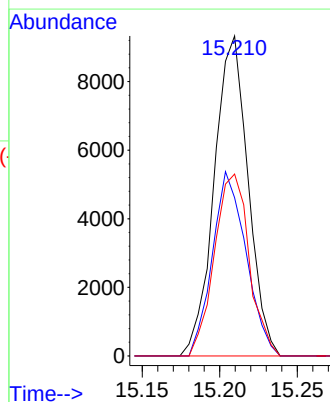
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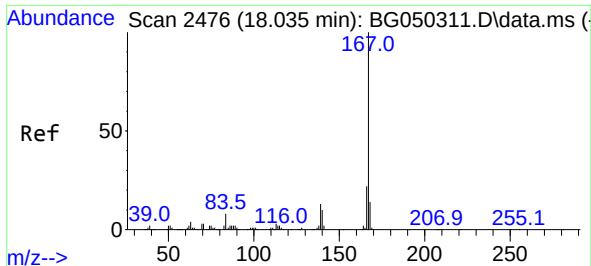


#76
Pentachlorobenzene
Concen: 3.370 ng/uL
RT: 15.210 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



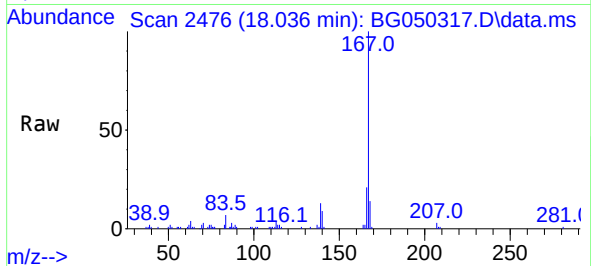
Tgt Ion	Ratio	Lower	Upper
250	100		
248	45.7	51.5	77.3#
252	52.5	47.9	71.9





#77
 Carbazole
 Concen: 3.540 ng/ul
 RT: 18.036 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BG050317.D
 Acq: 29 Sep 2021 18:16

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

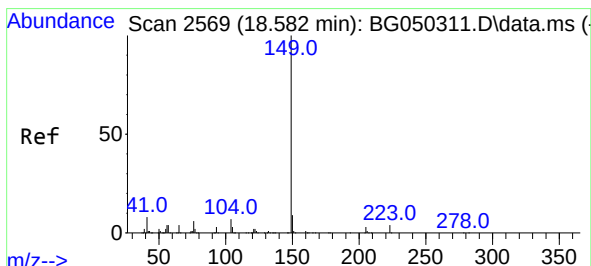
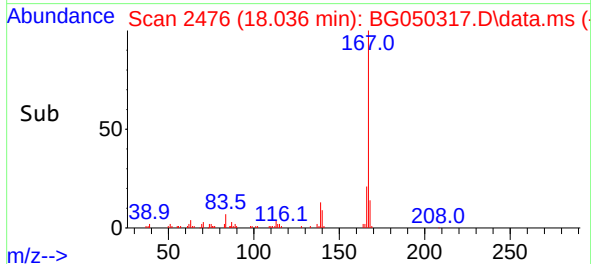
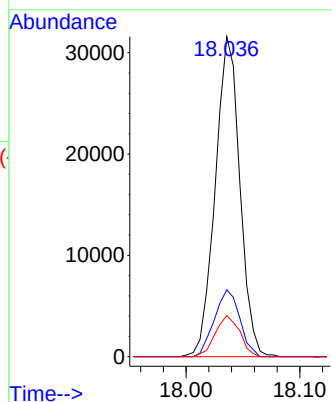


Tgt Ion:167 Resp: 47445

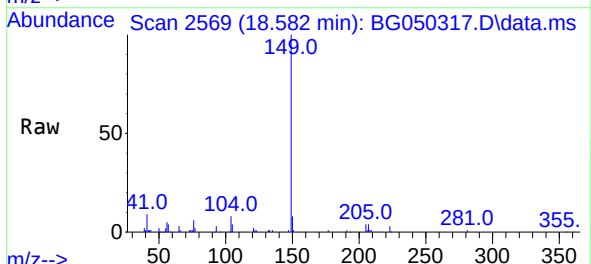
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.8	26.8
139	12.9	11.1	16.7

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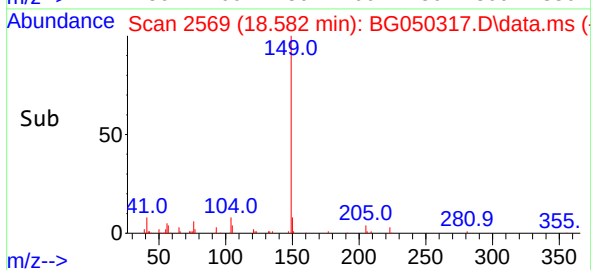
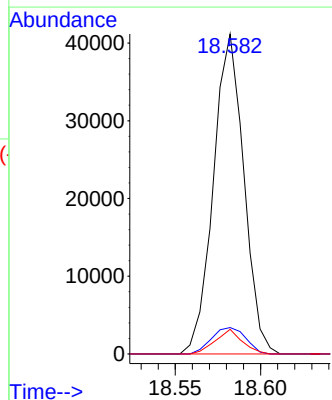


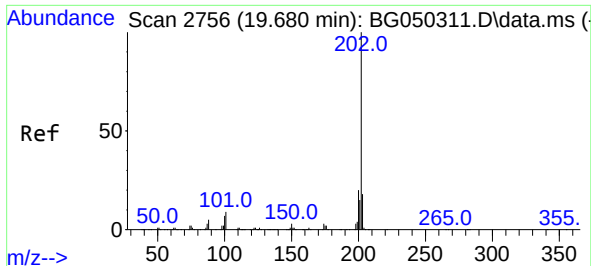
#78
 Di-n-butylphthalate
 Concen: 3.305 ng/ul
 RT: 18.582 min Scan# 2569
 Delta R.T. 0.000 min
 Lab File: BG050317.D
 Acq: 29 Sep 2021 18:16



Tgt Ion:149 Resp: 51078

Ion	Ratio	Lower	Upper
149	100		
150	8.3	8.1	12.1
104	7.7	5.3	7.9





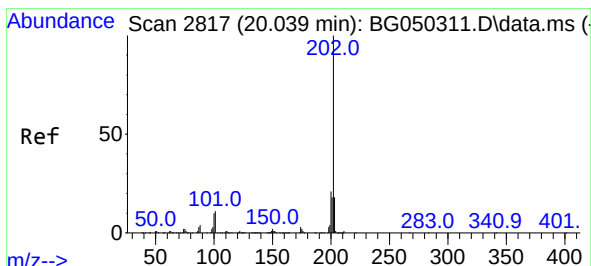
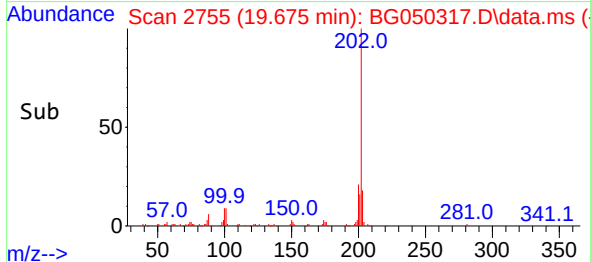
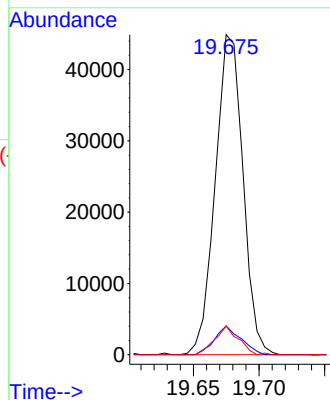
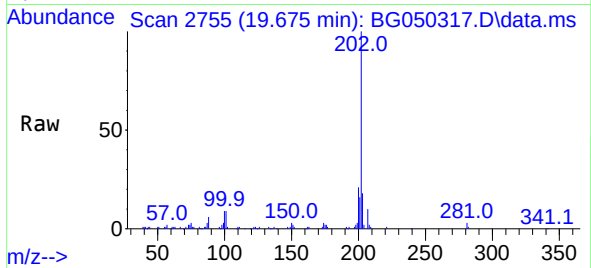
#80
Fluoranthene
Concen: 3.052 ng/ul
RT: 19.675 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:202 Resp: 65806
Ion Ratio Lower Upper
202 100
101 9.0 4.3 6.5#
100 8.9 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

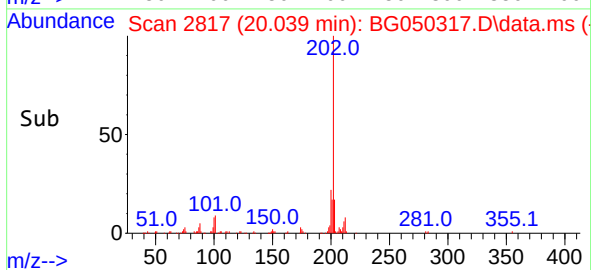
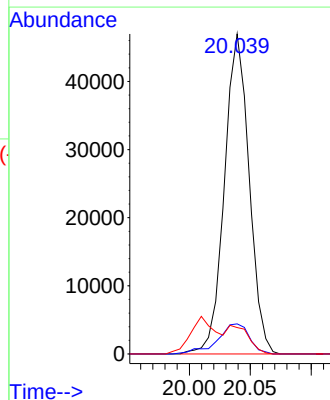
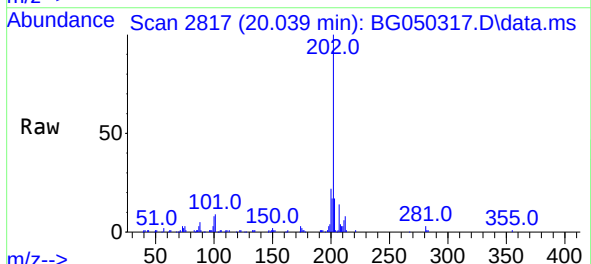
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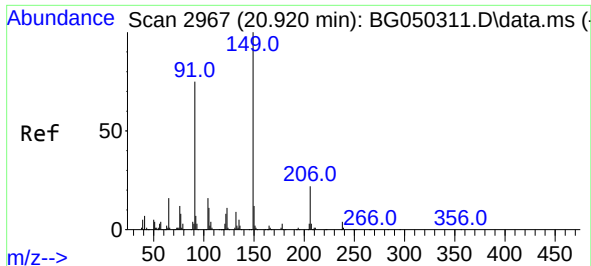
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#82
Pyrene
Concen: 3.126 ng/ul
RT: 20.039 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:202 Resp: 66289
Ion Ratio Lower Upper
202 100
101 9.4 5.4 8.0#
100 8.2 5.0 7.6#





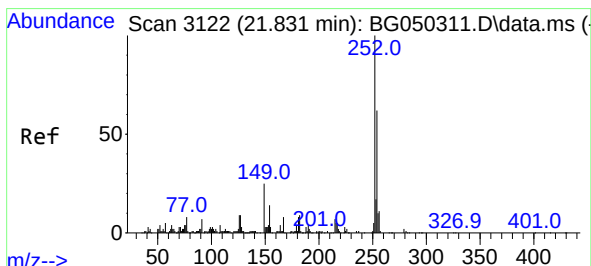
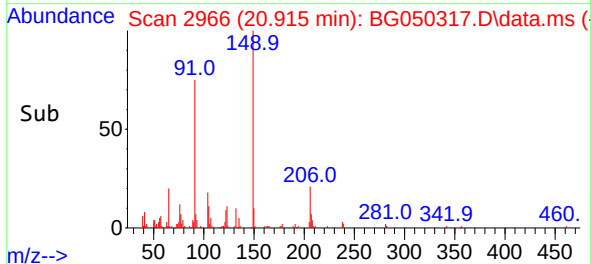
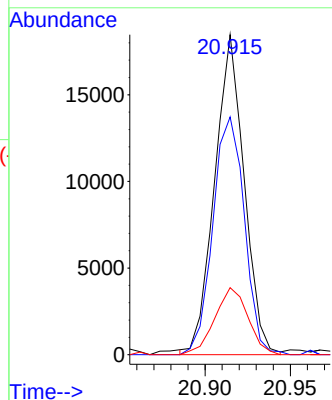
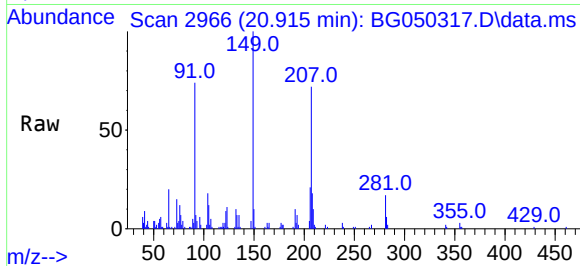
#83
Butylbenzylphthalate
Concen: 3.114 ng/ul
RT: 20.915 min Scan# 2966
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion:	149	Resp:	22244
Ion Ratio	Lower	Upper	
149	100		
91	74.3	60.6	90.8
206	20.9	16.8	25.2

Instrument :
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ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

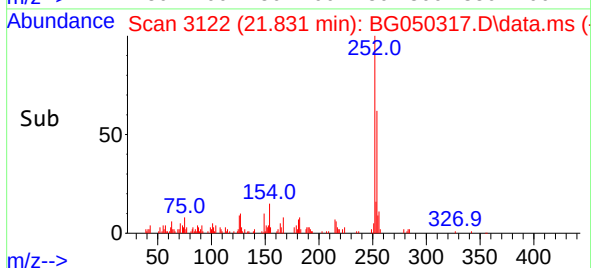
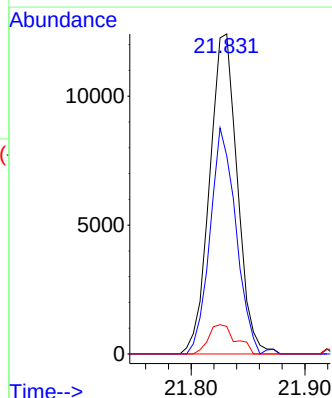
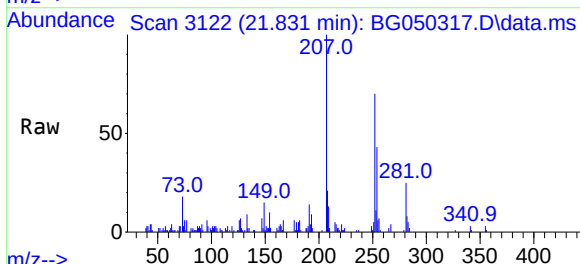
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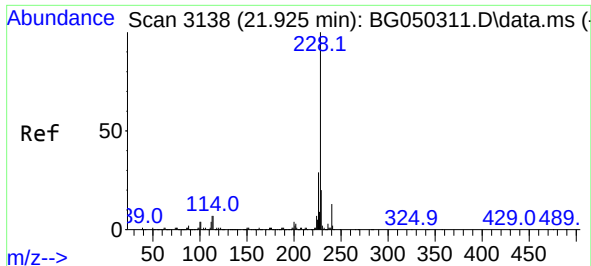
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#84
3,3'-Dichlorobenzidine
Concen: 3.131 ng/ul
RT: 21.831 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

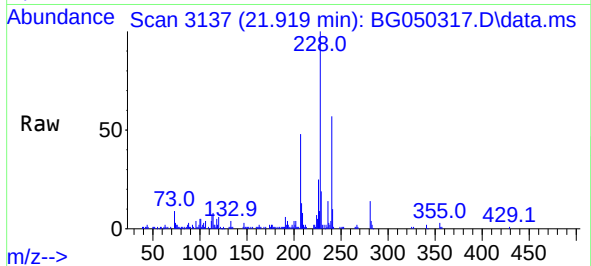
Tgt Ion:	252	Resp:	21064
Ion Ratio	Lower	Upper	
252	100		
254	61.9	54.2	81.2
126	8.6	5.4	8.0#





#85
Benzo(a)anthracene
Concen: 3.484 ng/ul
RT: 21.919 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

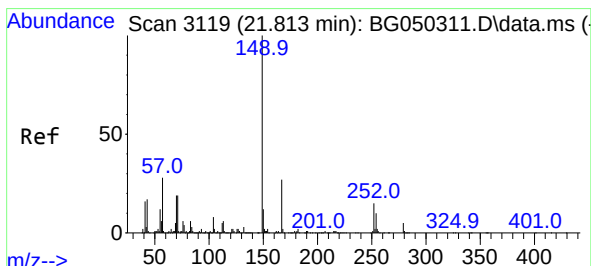
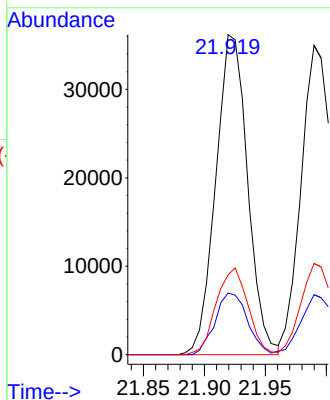
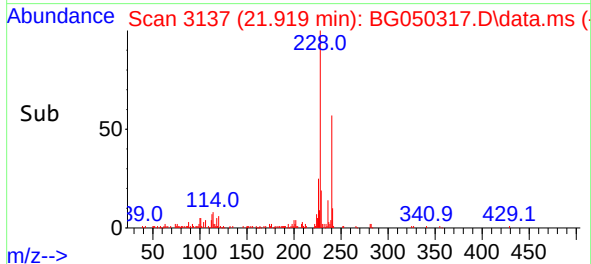
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



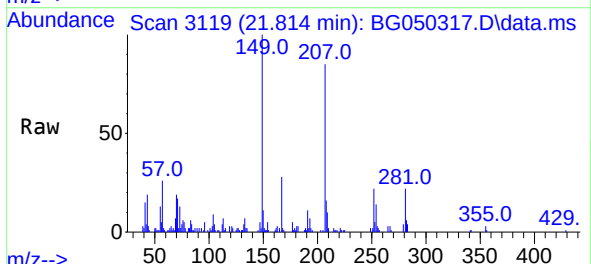
Tgt Ion:228 Resp: 65904
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.4
226 24.9 21.0 31.4

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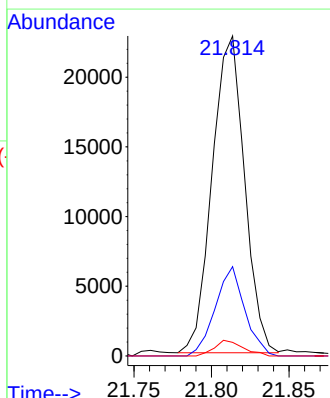
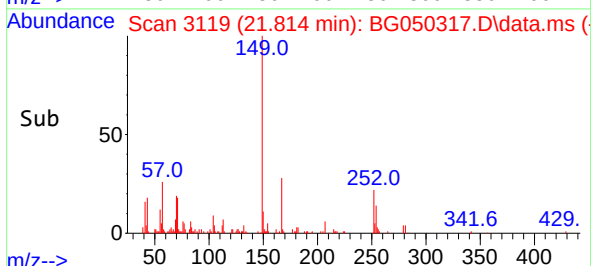
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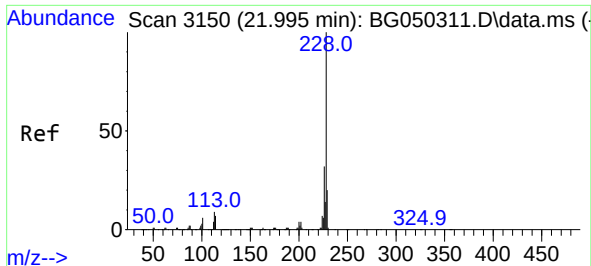


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.235 ng/ul
RT: 21.814 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

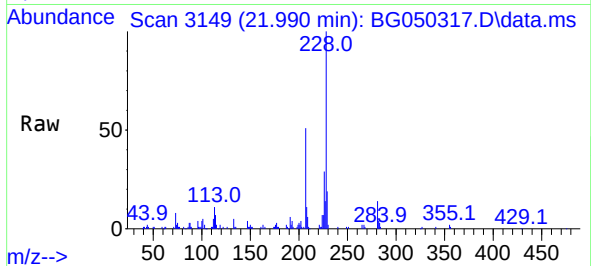


Tgt Ion:149 Resp: 32986
Ion Ratio Lower Upper
149 100
167 27.9 20.4 30.6
279 4.2 3.7 5.5

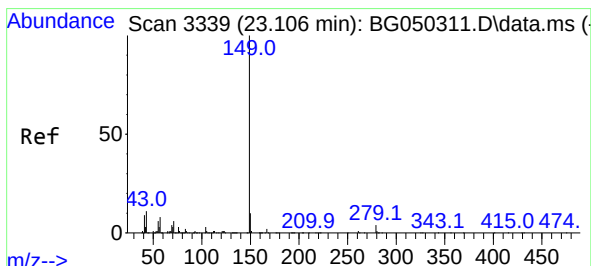
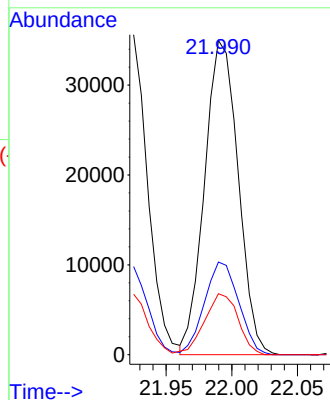
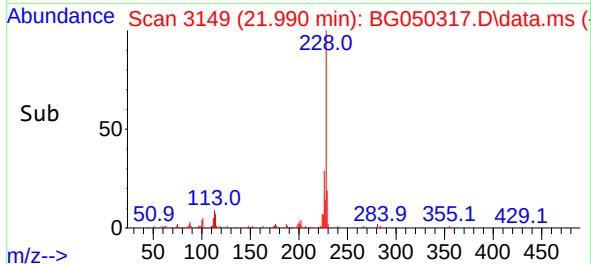




#87
Chrysene
Concen: 3.399 ng/ul
RT: 21.990 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

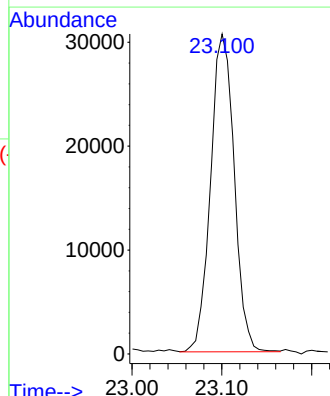
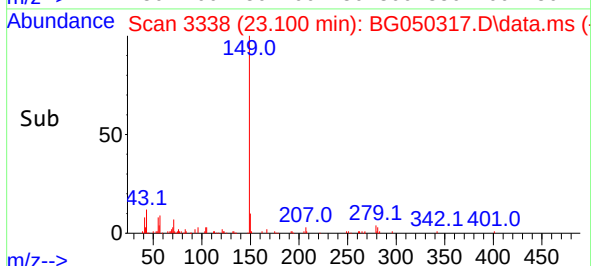
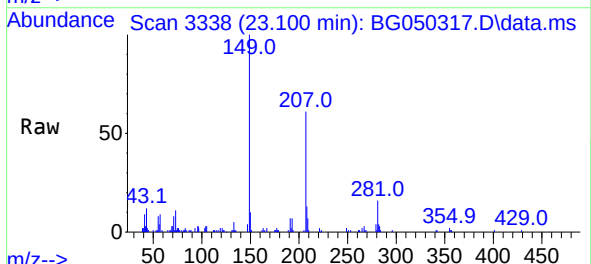


Tgt Ion:228 Resp: 62326
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.4
229 19.4 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 3.563 ng/ul
RT: 23.100 min Scan# 3338
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

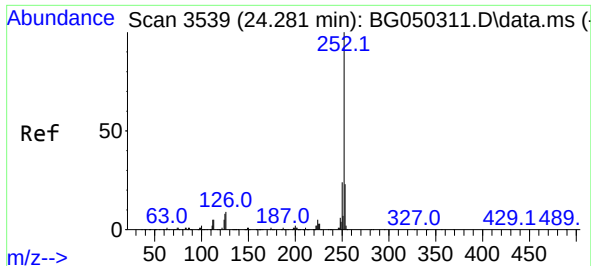
Tgt Ion:149 Resp: 55924



Instrument :
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MDL-MED-SOIL-QT4-2021-08

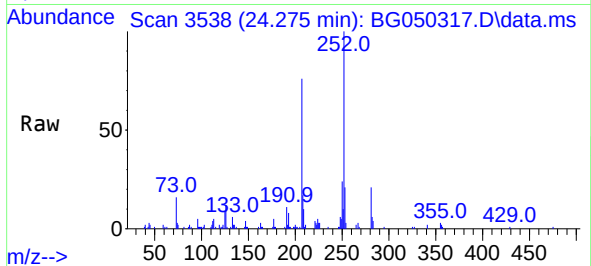
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#90
Benzo(b)fluoranthene
Concen: 3.361 ng/ul
RT: 24.275 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

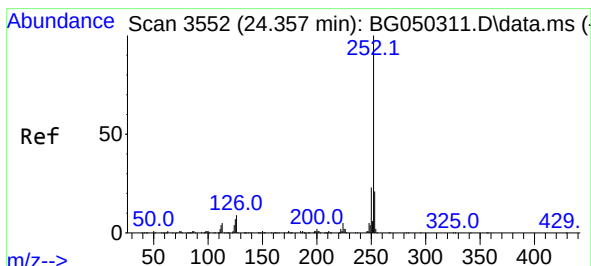
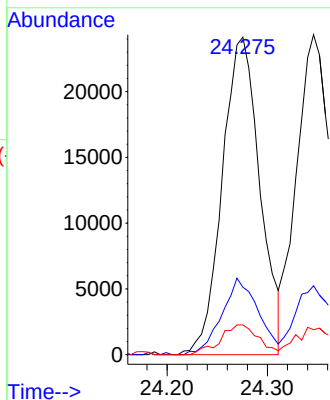
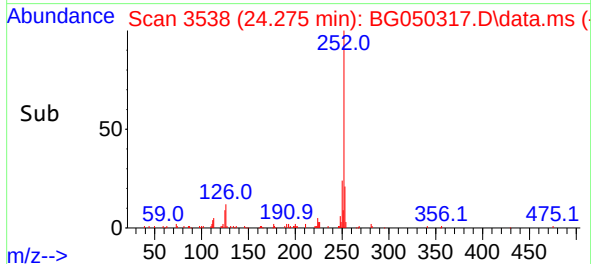
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



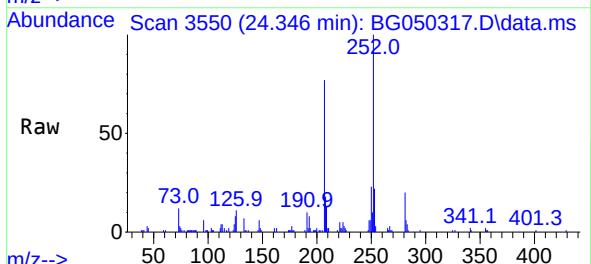
Tgt Ion:252 Resp: 62992
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 9.4 3.4 5.0#

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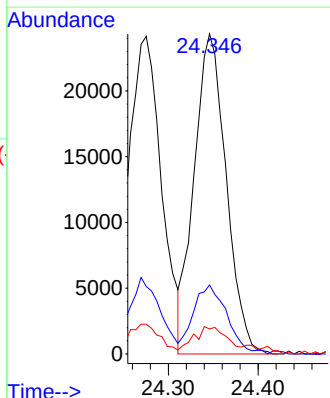
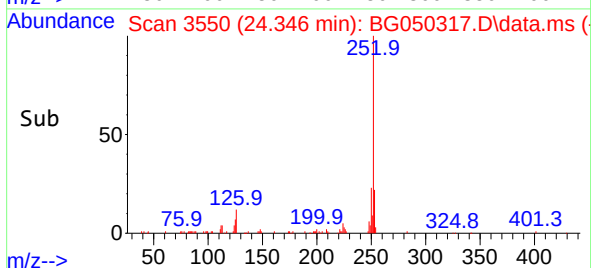
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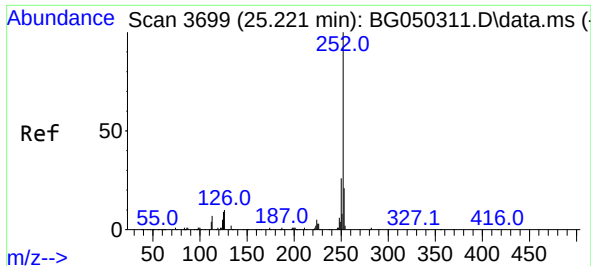


#91
Benzo(k)fluoranthene
Concen: 3.428 ng/ul
RT: 24.346 min Scan# 3550
Delta R.T. -0.011 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16



Tgt Ion:252 Resp: 60342
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.8 4.1 6.1#





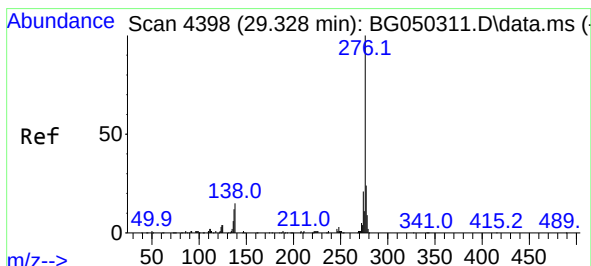
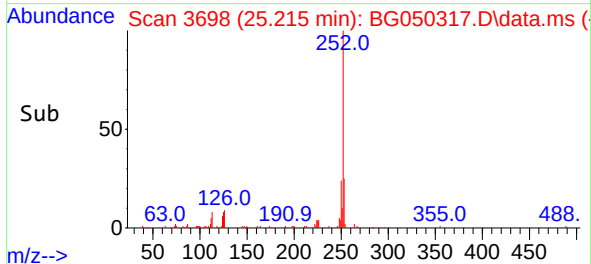
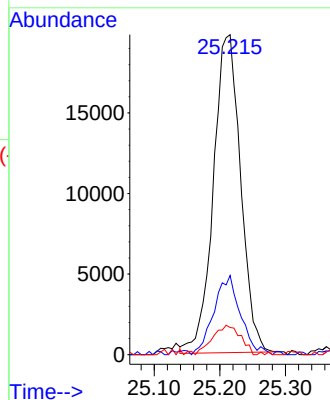
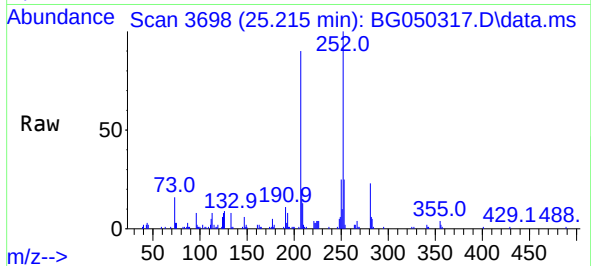
#93
Benzo(a)pyrene
Concen: 3.196 ng/ul
RT: 25.215 min Scan# 3698
Delta R.T. -0.006 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 252 Resp: 56894
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.4
125 8.5 4.4 6.6#

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

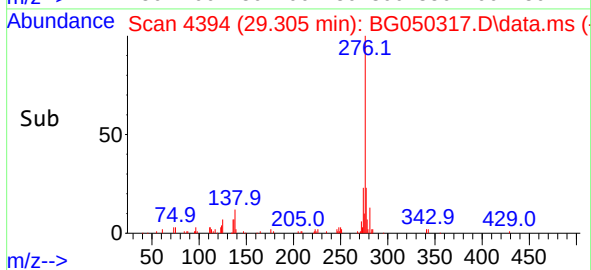
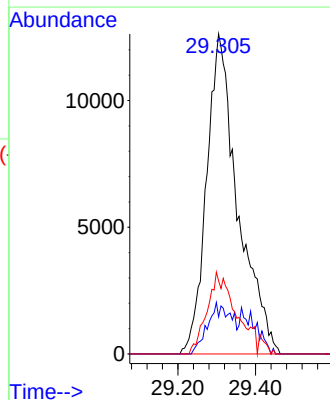
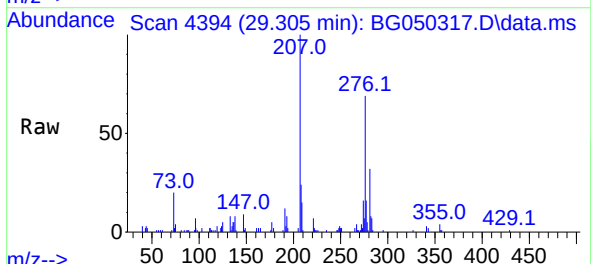
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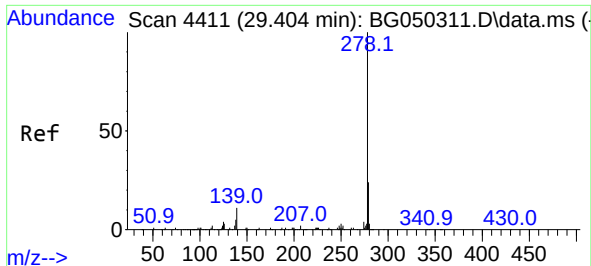
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#94
Indeno(1,2,3-cd)pyrene
Concen: 3.404 ng/ul
RT: 29.305 min Scan# 4394
Delta R.T. -0.023 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 276 Resp: 70817
Ion Ratio Lower Upper
276 100
138 11.6 5.5 8.3#
277 22.9 18.6 27.8





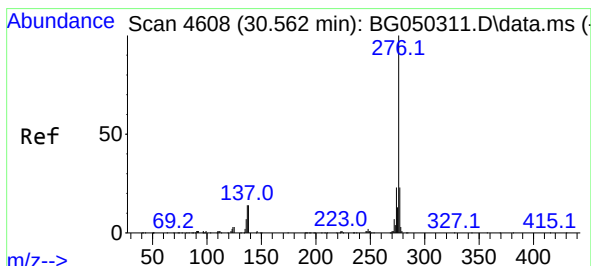
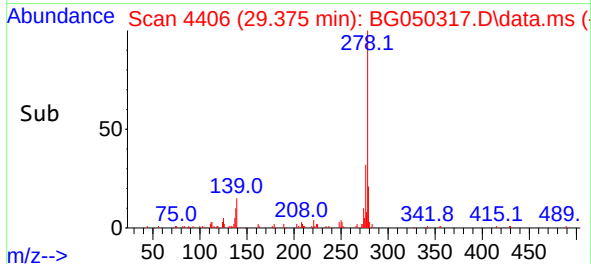
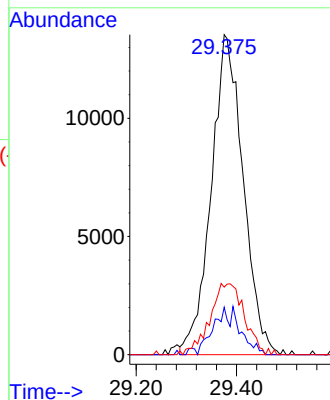
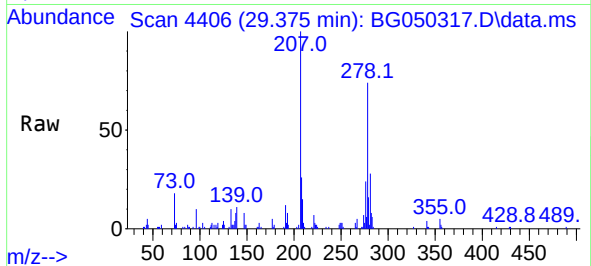
#95
Dibenzo(a,h)anthracene
Concen: 3.332 ng/ul
RT: 29.375 min Scan# 4406
Delta R.T. -0.029 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 278 Resp: 59753
Ion Ratio Lower Upper
278 100
139 14.8 5.2 7.8#
279 21.1 19.0 28.4

Instrument :
BNA_G
ClientSampleId :
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#96
Benzo(g,h,i)perylene
Concen: 3.307 ng/ul
RT: 30.539 min Scan# 4604
Delta R.T. -0.023 min
Lab File: BG050317.D
Acq: 29 Sep 2021 18:16

Tgt Ion: 276 Resp: 58869
Ion Ratio Lower Upper
276 100
138 15.4 8.6 13.0#
277 24.7 17.4 26.0

