

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047718.D
 Acq On : 11 Dec 2020 17:46
 Operator : CG/JU
 Sample : L4485-01
 Misc : MDL-SOIL-01
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

Manual Integrations
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Quant Time: Dec 12 00:10:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26022	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	105959	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	84989	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	212237	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	233662	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	234909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2362	3.99	ng/uL	0.00
4) Pyridine-d5	3.95	84	40490	24.11	ng/ul	0.00
7) Phenol-d5	7.34	99	78251	35.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	41834	36.37	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	57203	34.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	60958	36.72	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	29024	32.55	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	34245	33.74	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	69430	32.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	81799	32.79	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	232524	33.15	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	277308	34.57	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	30898	28.92	ng/ul	0.00
60) Fluorene-d10	15.81	176	203794	31.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	44801	30.84	ng/ul	0.00
73) Anthracene-d10	17.66	188	343615	33.30	ng/ul	0.00
81) Pyrene-d10	19.93	212	432693	34.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	410241	31.12	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.55	88	717m	1.175	ng/uL
5) Pyridine	3.99	79	6338m	4.025	ng/ul
6) Benzaldehyde	7.33	77	5858	5.841	ng/ul# 80
8) Phenol	7.37	94	6619	3.086	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.61	93	5690	3.814	ng/ul# 86
12) 2-Chlorophenol	7.76	128	5566	3.398	ng/ul# 82
13) 2-Methylphenol	8.64	108	5519	3.382	ng/ul# 79
14) 2,2'-oxybis(1-Chloropropan	8.73	45	4442	3.199	ng/ul# 90
16) Acetophenone	9.03	105	9593	3.440	ng/ul# 78
17) N-Nitroso-di-n-propylamine	9.01	70	4667	3.048	ng/ul# 58
18) 4-Methylphenol	8.97	108	6570	3.669	ng/ul# 71
19) Hexachloroethane	9.30	117	2706	3.374	ng/ul# 85
22) Nitrobenzene	9.42	77	8578	3.231	ng/ul 94
23) Isophorone	9.93	82	15130	3.281	ng/ul 99
25) 2-Nitrophenol	10.13	139	3587	3.382	ng/ul# 85
26) 2,4-Dimethylphenol	10.18	107	8307	3.337	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.42	93	6879	3.126	ng/ul# 86
29) 2,4-Dichlorophenol	10.67	162	7266	3.694	ng/ul 87
30) Naphthalene	11.08	128	19597	3.347	ng/ul# 95
32) 4-Chloroaniline	11.18	127	7368	3.089	ng/ul# 86
33) Hexachlorobutadiene	11.37	225	6971	3.301	ng/ul# 78
34) Caprolactam	11.95	113	2167m	3.253	ng/ul

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35) 4-Chloro-3-methylphenol	12.28	107	6209	2.864	ng/ul#	61
36) 2-Methylnaphthalene	12.68	142	15044	3.406	ng/ul	84
37) 1-Methylnaphthalene	12.89	142	13688	3.243	ng/ul	85
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	11368	3.248	ng/ul#	96
40) Hexachlorocyclopentadiene	13.01	237	5461	2.380	ng/ul	94
41) 2,4,6-Trichlorophenol	13.26	196	6754	3.218	ng/ul	94
42) 2,4,5-Trichlorophenol	13.34	196	6743m	3.033	ng/ul	
43) 1,1'-Biphenyl	13.66	154	20768	3.164	ng/ul	96
44) 2-Chloronaphthalene	13.71	162	17118	3.313	ng/ul	96
45) 2-Nitroaniline	13.90	65	5837	3.289	ng/ul	86
47) Dimethylphthalate	14.26	163	23488	3.268	ng/ul#	99
48) 2,6-Dinitrotoluene	14.39	165	4934	3.249	ng/ul#	81
50) Acenaphthylene	14.56	152	24357	3.223	ng/ul#	91
51) 3-Nitroaniline	14.72	138	3824	3.507	ng/ul	85
52) Acenaphthene	14.89	153	16380	3.049	ng/ul	98
53) 2,4-Dinitrophenol	14.93	184	1240m	1.377	ng/ul	
55) 4-Nitrophenol	15.01	109	5900	3.257	ng/ul#	73
56) Dibenzofuran	15.22	168	25275	3.248	ng/ul	92
57) 2,4-Dinitrotoluene	15.17	165	6220	2.858	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.44	232	5701	2.769	ng/ul#	90
59) Diethylphthalate	15.62	149	22928	3.223	ng/ul	94
61) Fluorene	15.87	166	22328	3.339	ng/ul	92
62) 4-Chlorophenyl-phenylether	15.86	204	13301	3.180	ng/ul	97
63) 4-Nitroaniline	15.87	138	4946	4.825	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.93	198	5158	3.498	ng/ul#	43
67) N-Nitrosodiphenylamine	16.06	169	20158	3.413	ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	9948	3.651	ng/ul	97
69) Hexachlorobenzene	16.87	284	9996	3.341	ng/ul#	84
70) Atrazine	17.00	200	9757	3.468	ng/ul#	81
71) Pentachlorophenol	17.22	266	1976m	1.405	ng/ul	
72) Phenanthrene	17.61	178	37957	3.294	ng/ul	96
74) Anthracene	17.69	178	39096	3.396	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	11201	3.257	ng/uL	94
76) Pentachlorobenzene	15.14	250	12177	3.628	ng/uL	86
77) Carbazole	17.96	167	30482	3.248	ng/ul	97
78) Di-n-butylphthalate	18.50	149	36738	3.192	ng/ul#	96
80) Fluoranthene	19.60	202	55139	3.443	ng/ul	99
82) Pyrene	19.96	202	50043	3.165	ng/ul#	95
83) Butylbenzylphthalate	20.82	149	17188	3.116	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.72	252	20479	3.560	ng/ul#	98
85) Benzo(a)anthracene	21.82	228	55165	3.345	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.70	149	23703	3.118	ng/ul	99
87) Chrysene	21.88	228	54445	3.479	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	41353	3.345	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	53202	3.240	ng/ul#	93
91) Benzo(k)fluoranthene	24.19	252	54361	3.351	ng/ul#	95
93) Benzo(a)pyrene	25.03	252	47929	3.310	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.03	276	59756m	3.335	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	51899m	3.488	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	50706m	3.436	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

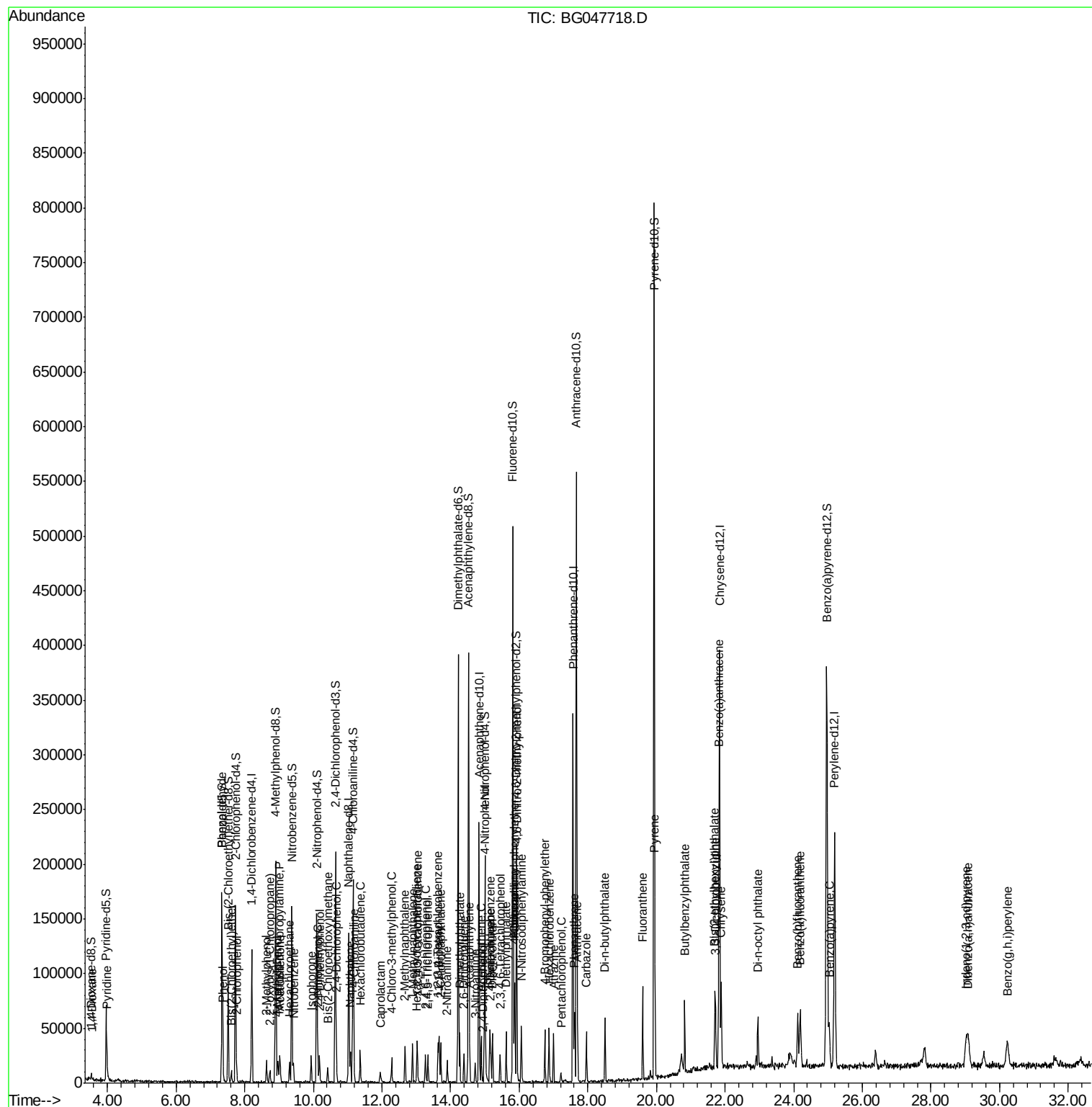
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047718.D
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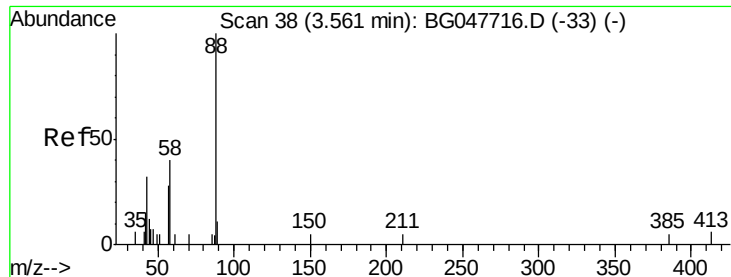
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

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#2

1,4-Dioxane

Concen: 1.175 ng/uL m

RT: 3.55 min Scan# 36

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

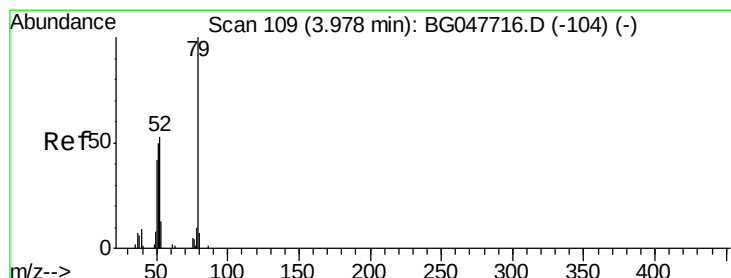
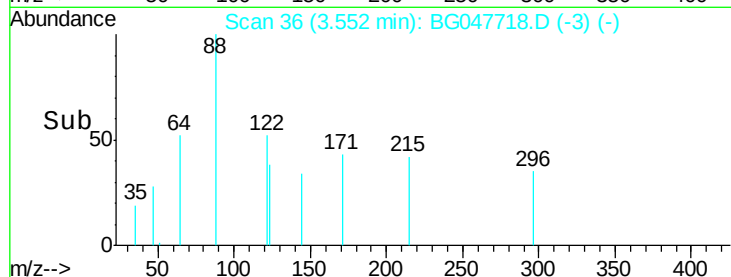
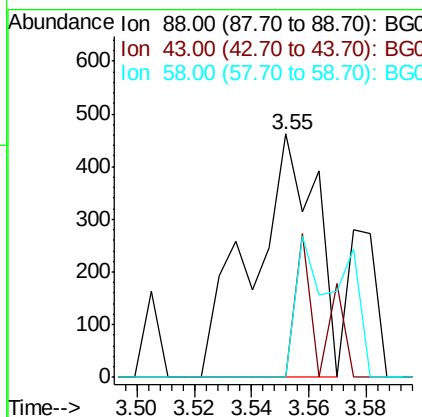
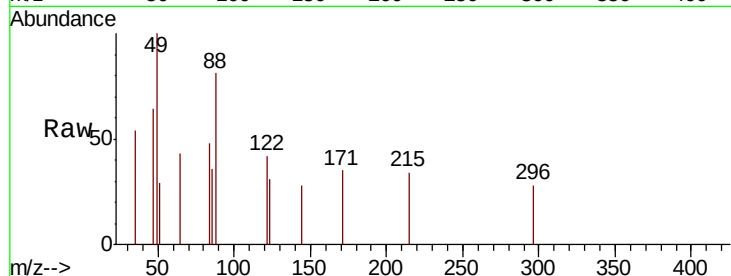
ClientSampleId :

MDL-SOIL-01

Tot Ion:	88	Resp:	717
Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.6	61.0#
58	0.0	54.0	81.0#

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#5

Pyridine

Concen: 4.025 ng/uL m

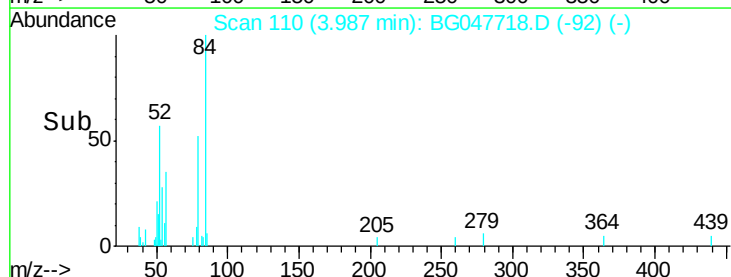
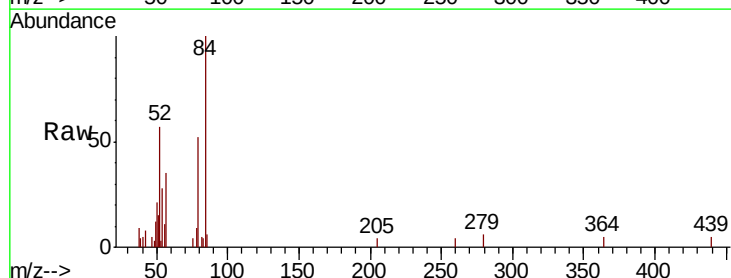
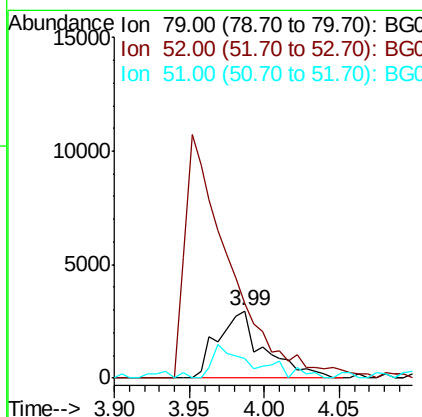
RT: 3.99 min Scan# 110

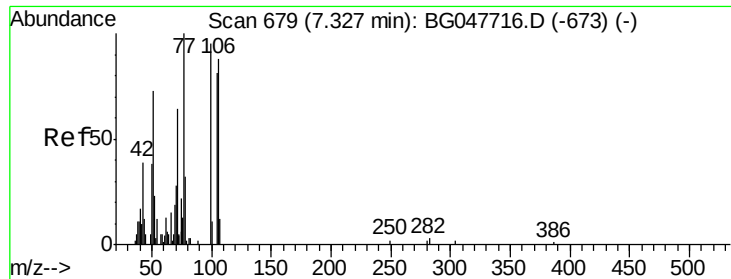
Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	79	Resp:	6338
Ion	Ratio	Lower	Upper
79	100		
52	110.7	60.8	91.2#
51	29.8	42.4	63.6#





#6

Benzaldehyde

Concen: 5.841 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

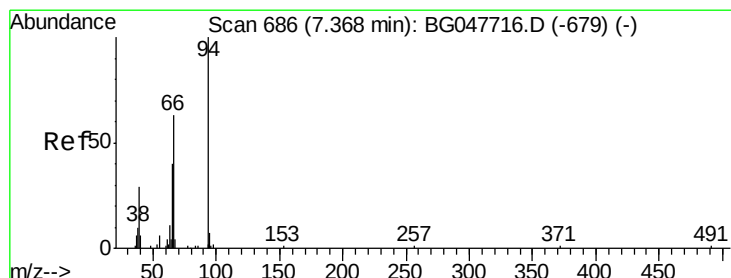
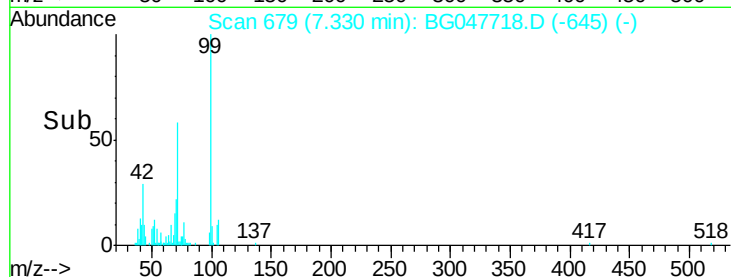
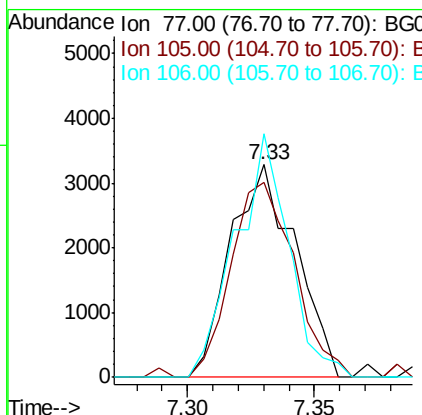
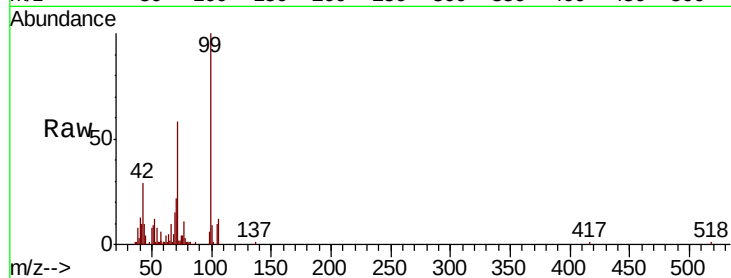
ClientSampleId :

MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.4	67.9	101.9
106	114.5	68.1	102.1

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#8

Phenol

Concen: 3.086 ng/ul

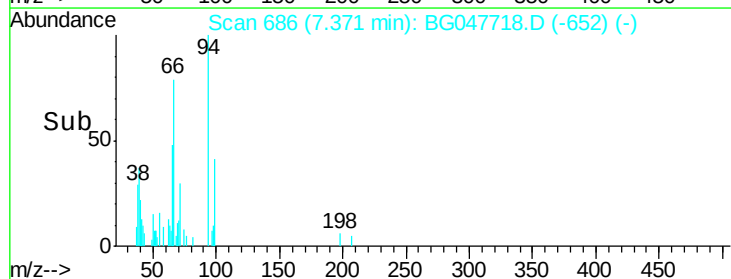
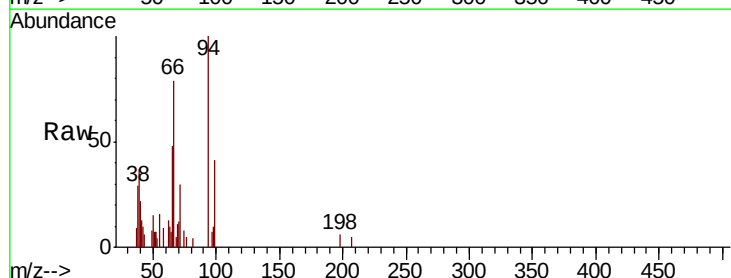
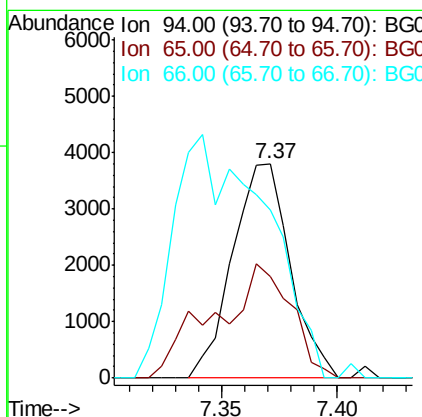
RT: 7.37 min Scan# 686

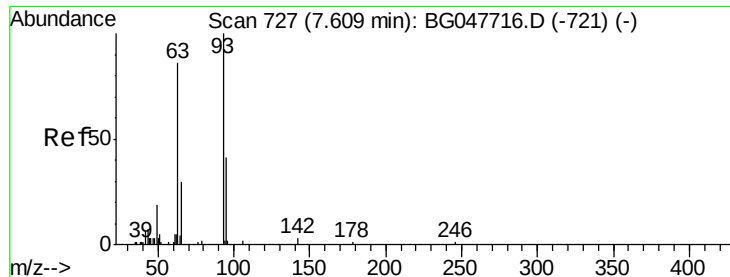
Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	47.6	37.2	55.8
66	78.6	63.2	94.8





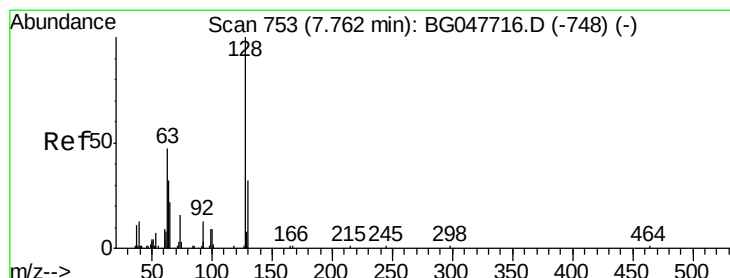
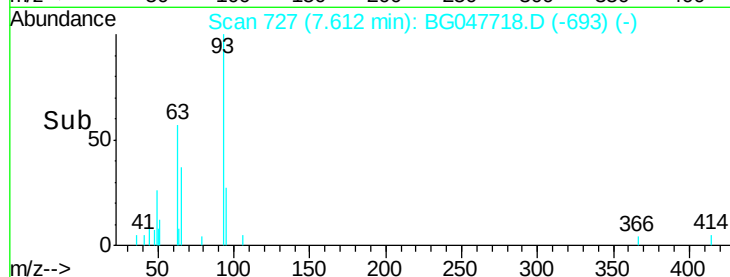
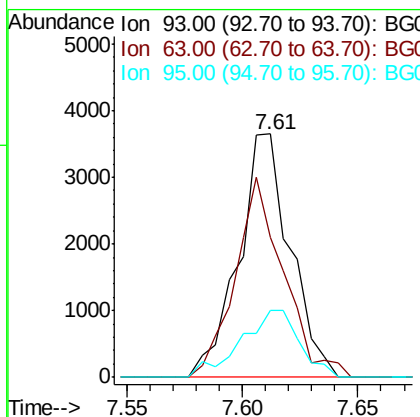
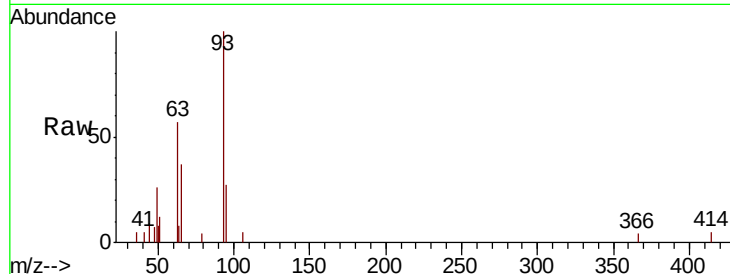
#10
Bis(2-Chloroethyl)ether
Concen: 3.814 ng/ul
RT: 7.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

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Tot Ion	Ratio	Lower	Upper
93	100		
63	57.3	58.2	87.4#
95	27.3	23.4	35.2

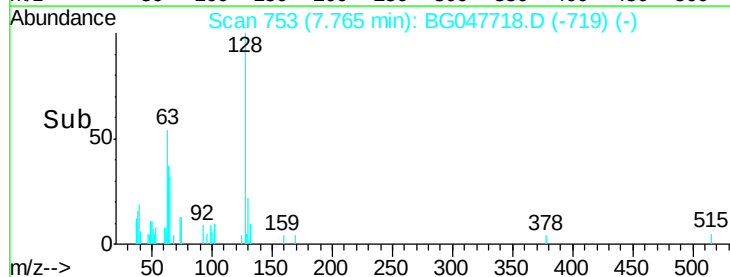
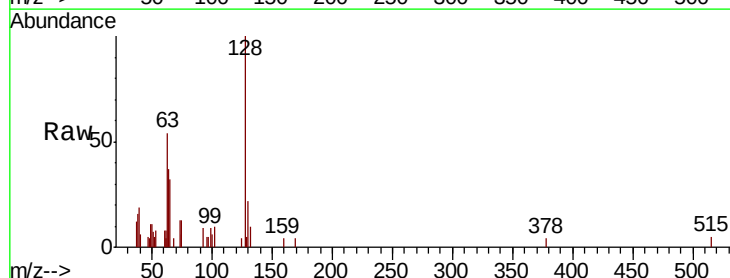
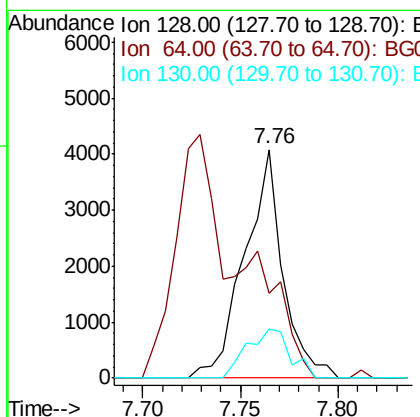
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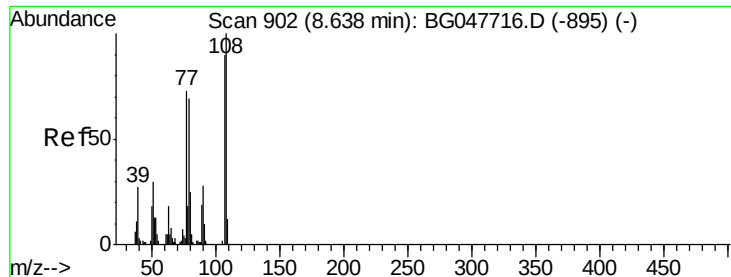
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#12
2-Chlorophenol
Concen: 3.398 ng/ul
RT: 7.76 min Scan# 753
Delta R.T. 0.00 min
Lab File: BG047718.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	37.0	40.2	60.2#
130	21.8	24.6	36.8#





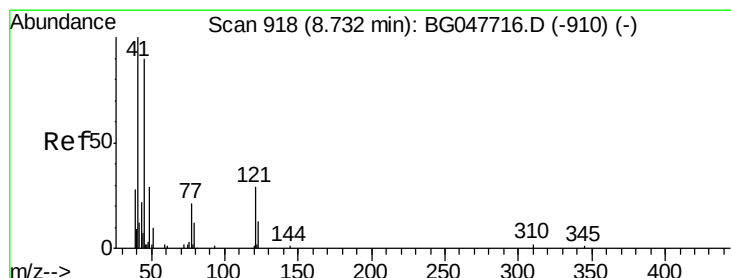
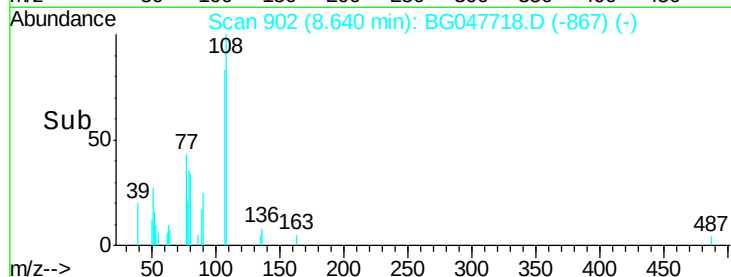
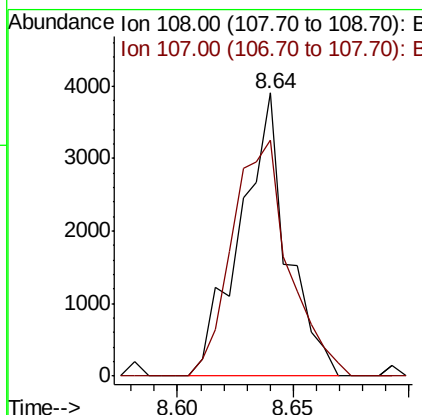
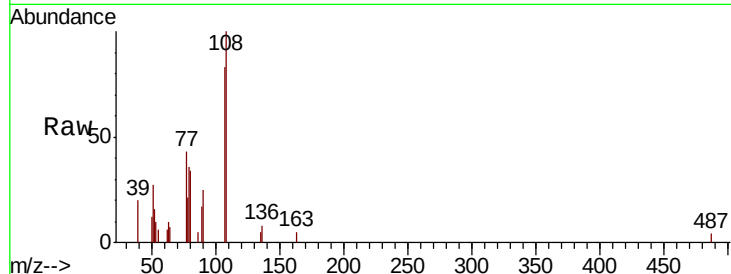
#13
2-Methylphenol
Concen: 3.382 ng/ul
RT: 8.64 min Scan# 902
Delta R.T. 0.01 min
Lab File: BG047718.D
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Tot Ion:108 Resp: 5519
Ion Ratio Lower Upper
108 100
107 83.4 83.8 125.6#

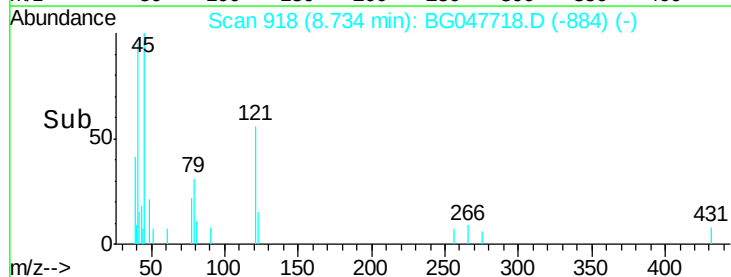
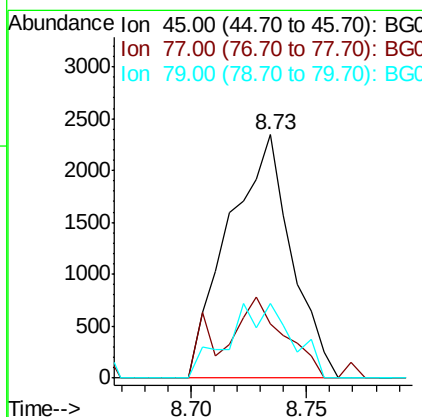
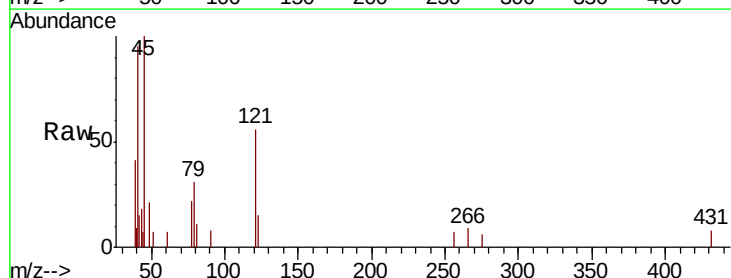
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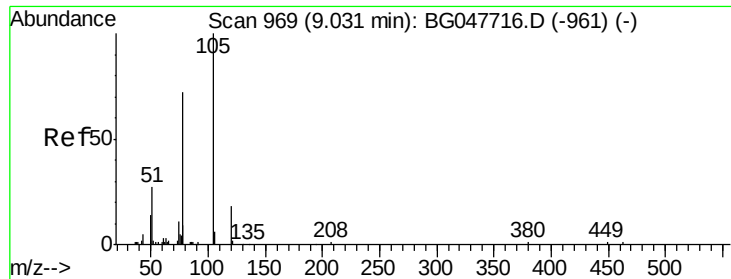
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.199 ng/ul
RT: 8.73 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG047718.D
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Tgt Ion: 45 Resp: 4442
Ion Ratio Lower Upper
45 100
77 22.5 18.3 27.5
79 30.8 17.0 25.6#





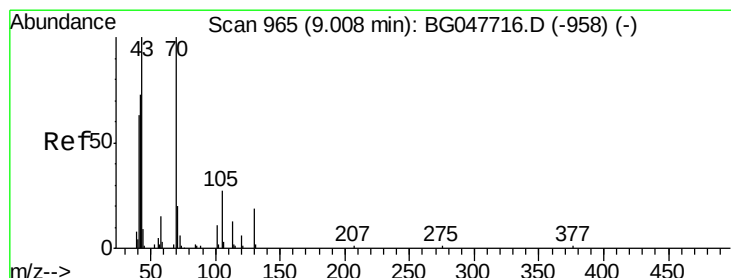
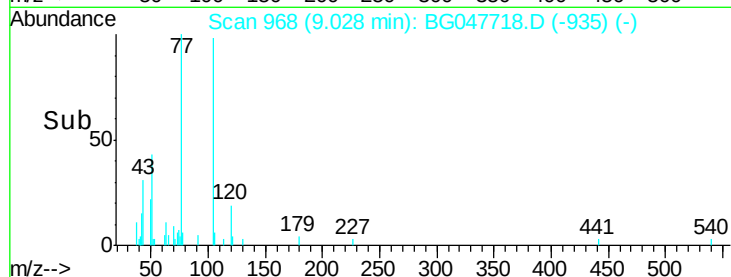
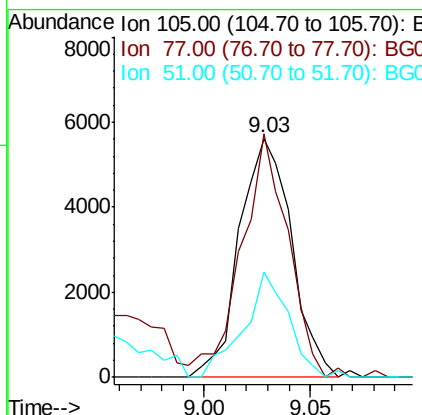
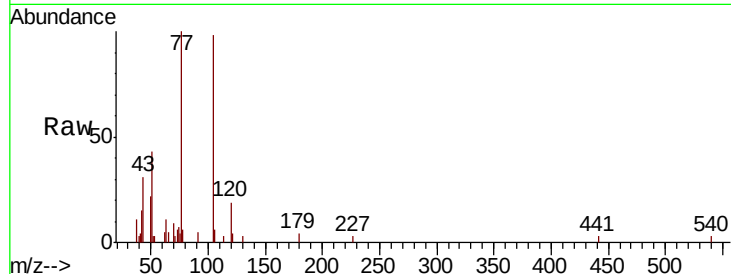
#16
Acetophenone
Concen: 3.440 ng/ul
RT: 9.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
105	100		
77	102.0	64.5	96.7#
51	44.1	27.7	41.5#

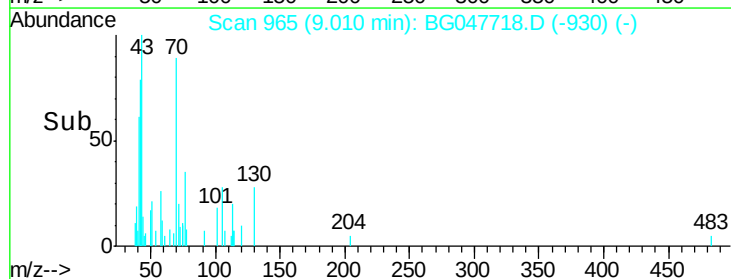
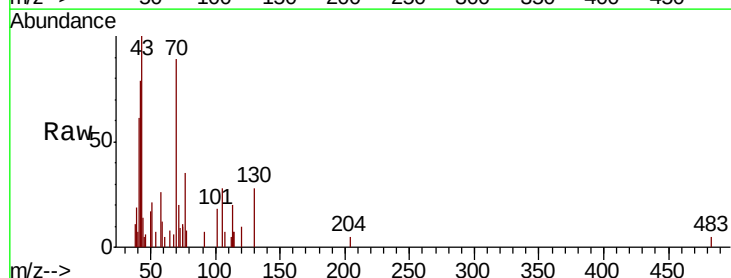
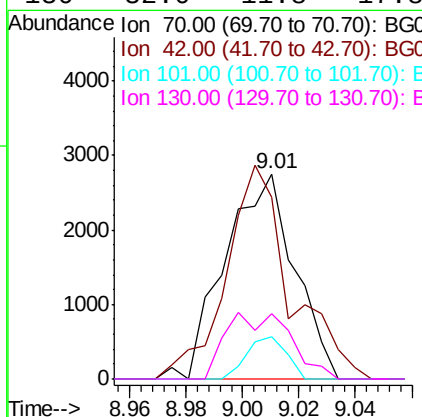
Manual Integrations
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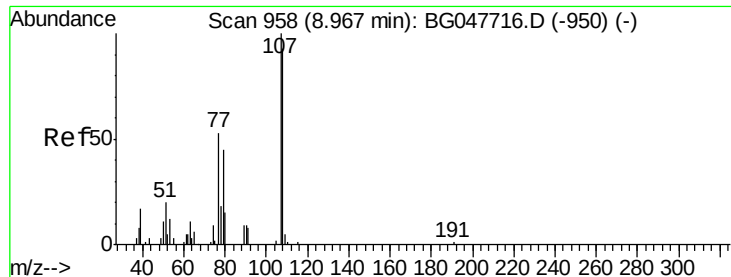
mohammad
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#17
N-Nitroso-di-n-propylamine
Concen: 3.048 ng/ul
RT: 9.01 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	88.4	45.0	67.6#
101	20.4	7.0	10.4#
130	32.0	11.8	17.8#





#18

4-Methylphenol

Concen: 3.669 ng/ul

RT: 8.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

Tot Ion:108 Resp: 6570

Ion Ratio Lower Upper

108 100

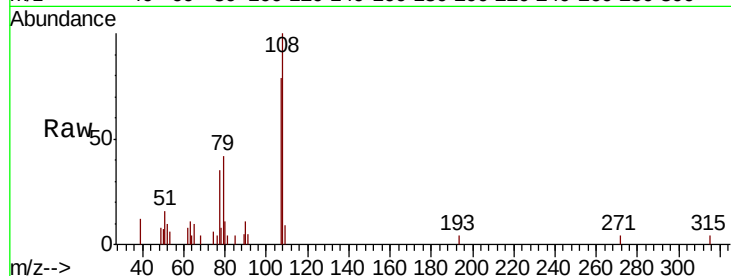
107 78.9 87.4 131.0#

Manual Integrations

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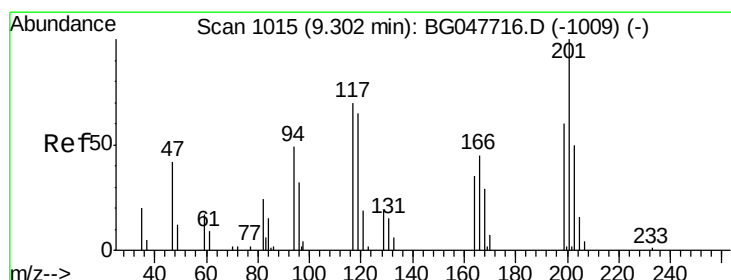
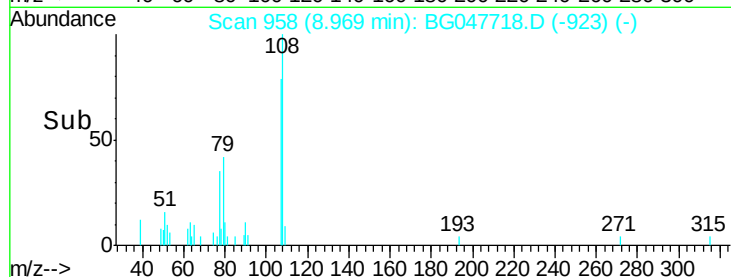
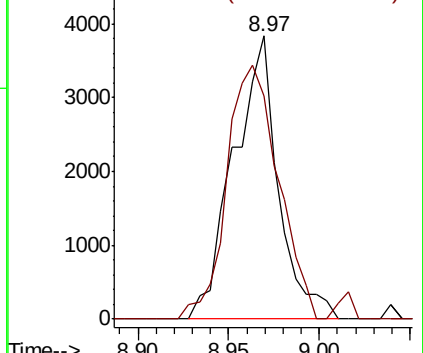
mohammad

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 3.374 ng/ul

RT: 9.30 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

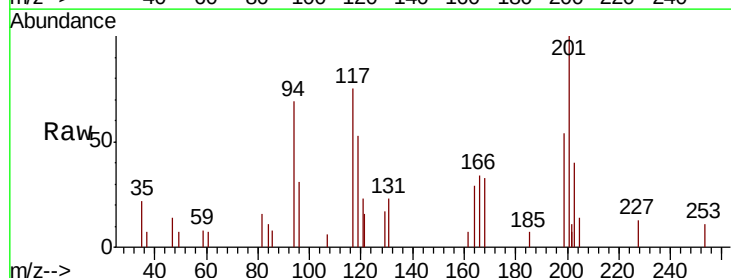
Tgt Ion:117 Resp: 2706

Ion Ratio Lower Upper

117 100

201 147.3 96.7 145.1#

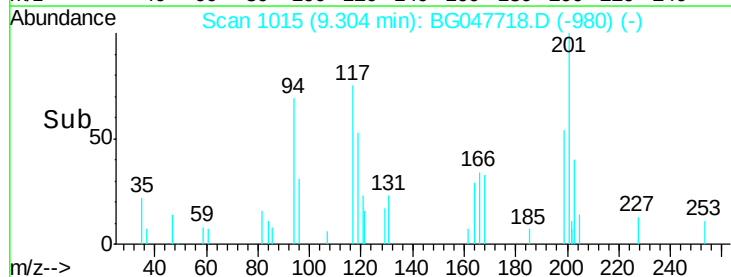
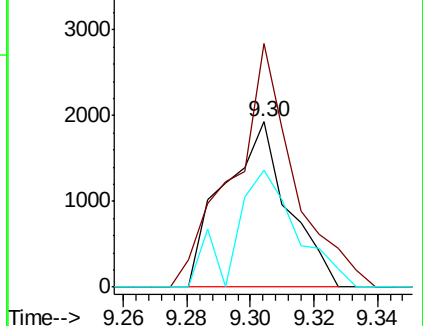
199 71.0 56.6 85.0

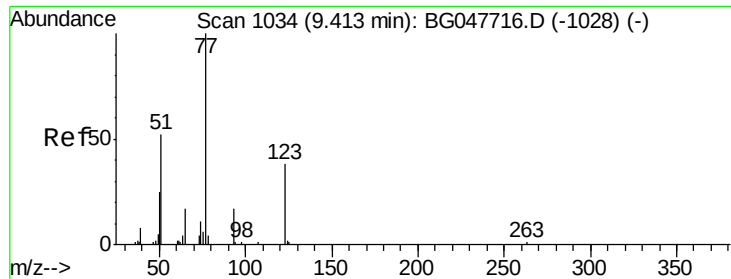


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 3.231 ng/ul

RT: 9.42 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

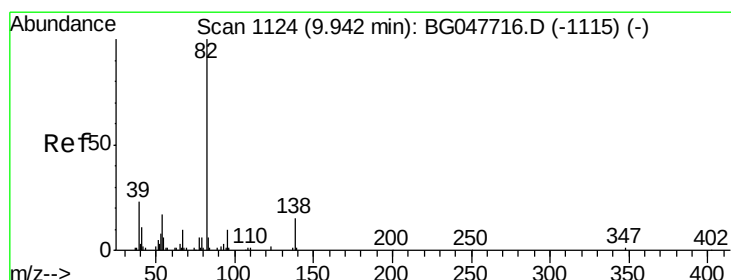
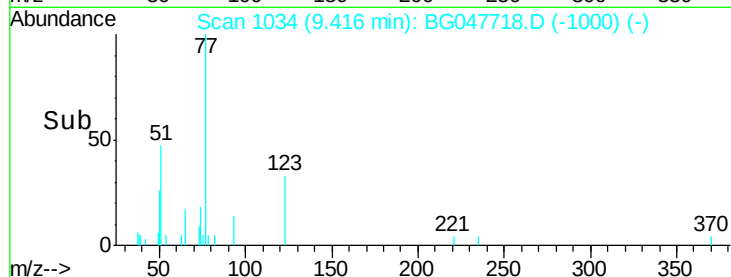
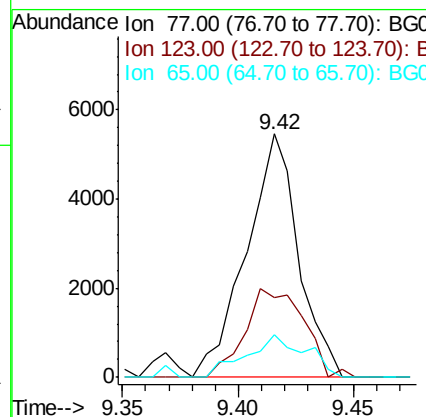
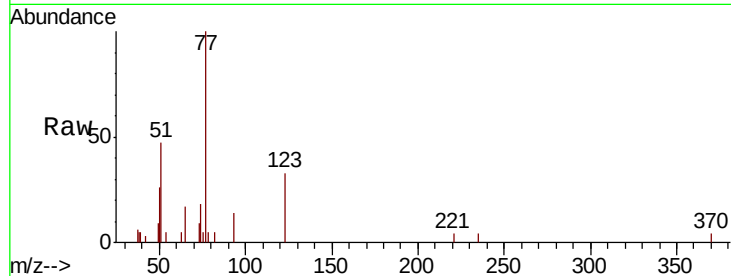
ClientSampleId :

MDL-SOIL-01

Tot Ion:	77	Resp:	8578
Ion	Ratio	Lower	Upper
77	100		
123	32.9	22.5	33.7
65	17.5	13.8	20.6

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#23

Isophorone

Concen: 3.281 ng/ul

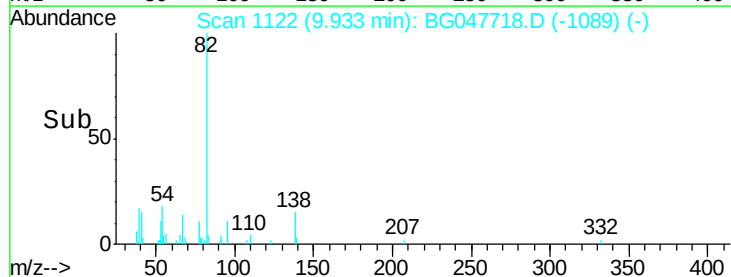
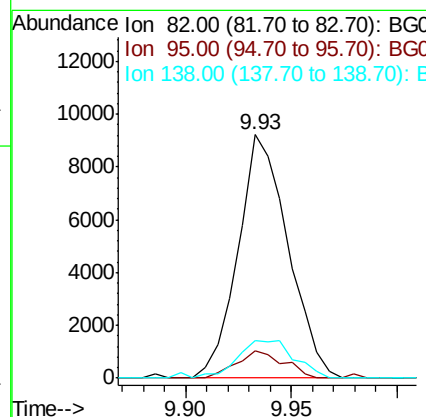
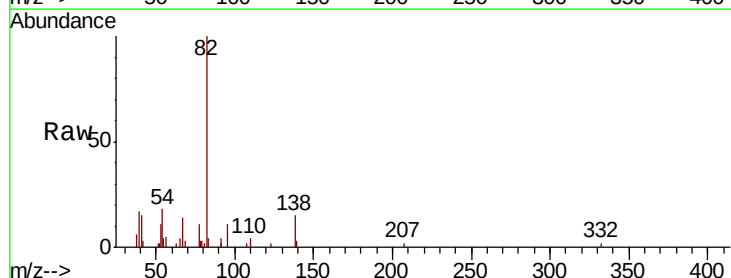
RT: 9.93 min Scan# 1122

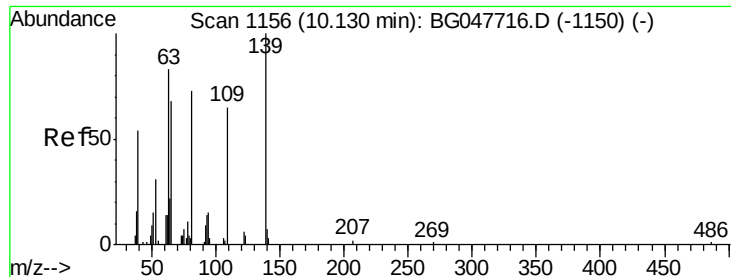
Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	82	Resp:	15130
Ion	Ratio	Lower	Upper
82	100		
95	11.2	8.7	13.1
138	15.2	12.4	18.6





#25

2-Nitrophenol

Concen: 3.382 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

Tot Ion:139 Resp: 3587

Ion Ratio Lower Upper

139 100

65 83.7 58.7 88.1

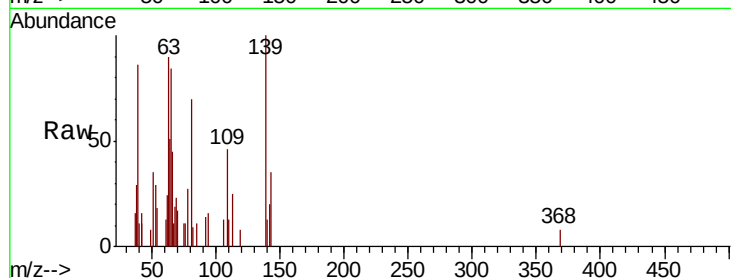
109 46.4 48.2 72.2#

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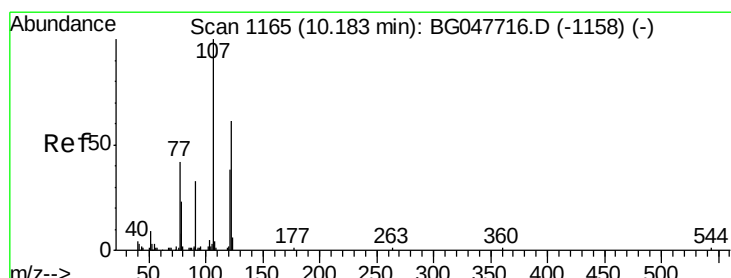
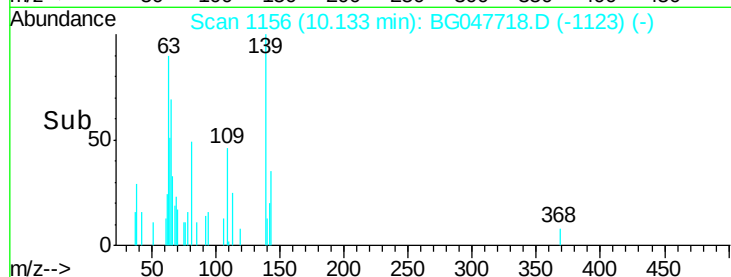
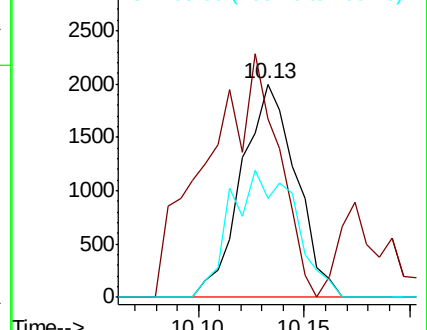
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 3.337 ng/ul

RT: 10.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

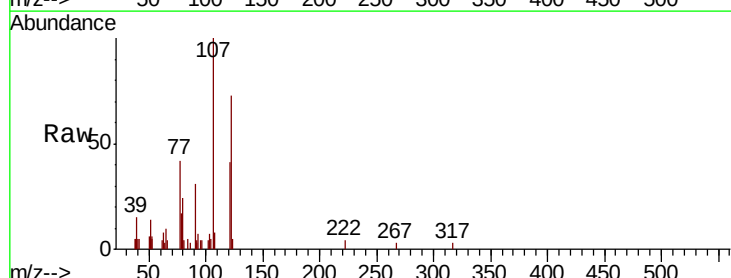
Tgt Ion:107 Resp: 8307

Ion Ratio Lower Upper

107 100

121 41.3 36.7 55.1

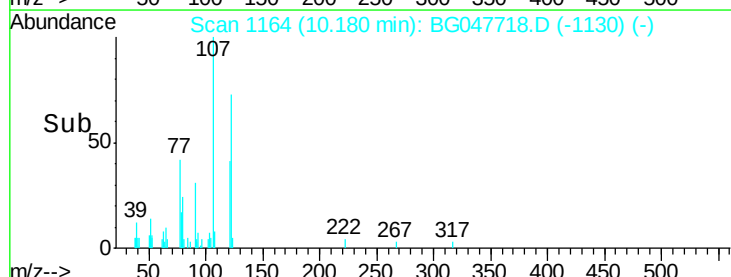
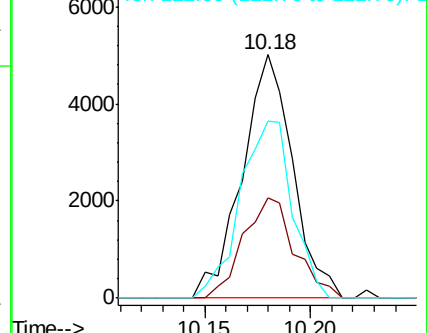
122 72.5 57.7 86.5

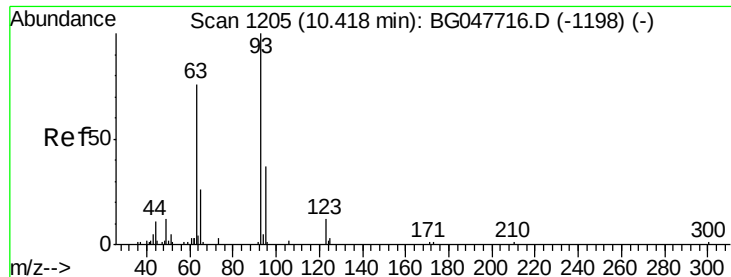


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 3.126 ng/ul

RT: 10.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

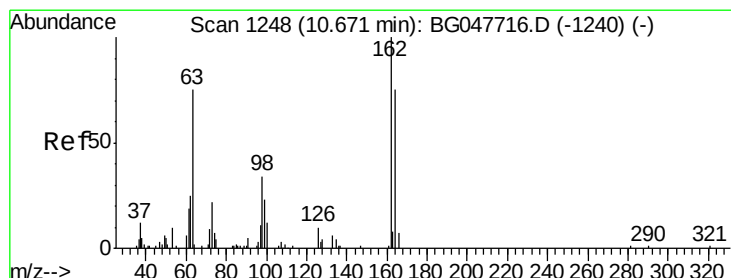
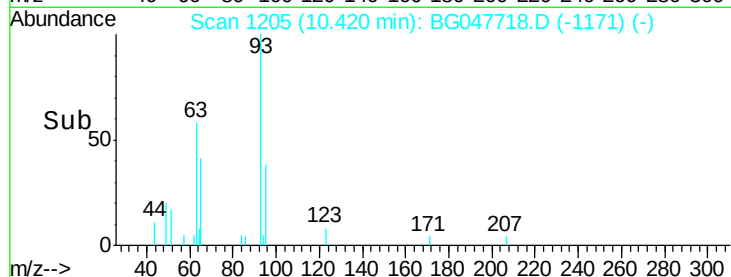
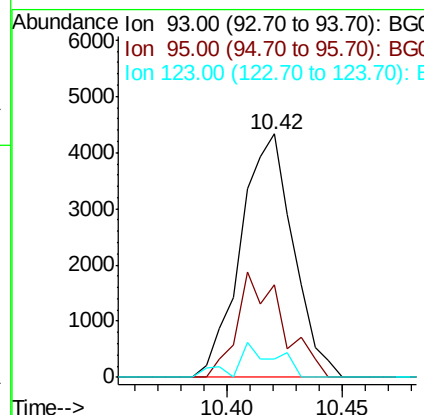
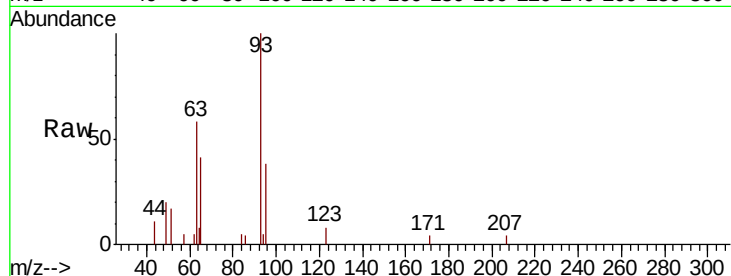
ClientSampleId :

MDL-SOIL-01

Tot Ion:	93	Resp:	6879
Ion	Ratio	Lower	Upper
93	100		
95	38.0	23.4	35.2#
123	7.8	8.0	12.0#

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#29

2,4-Dichlorophenol

Concen: 3.694 ng/ul

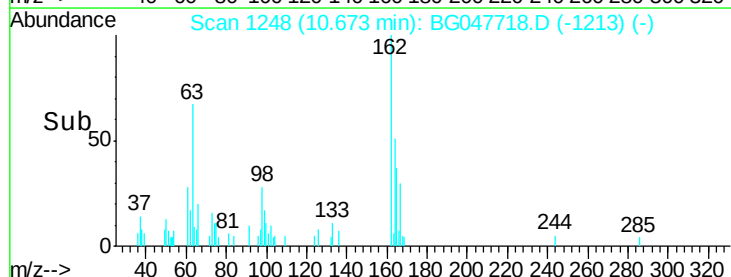
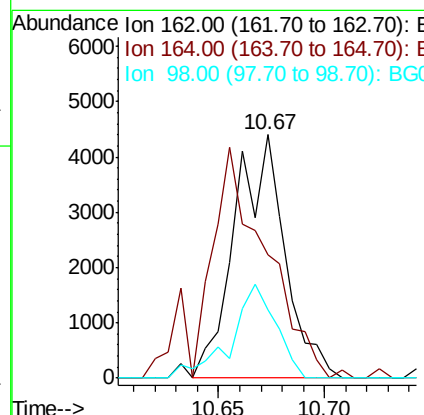
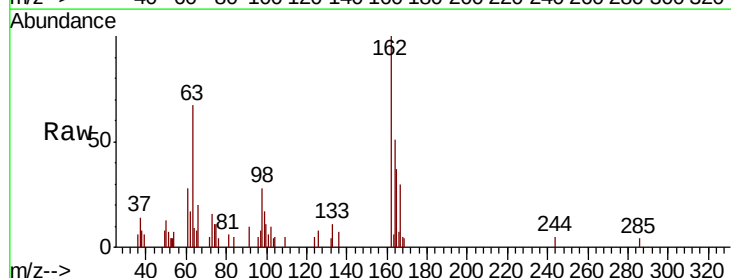
RT: 10.67 min Scan# 1248

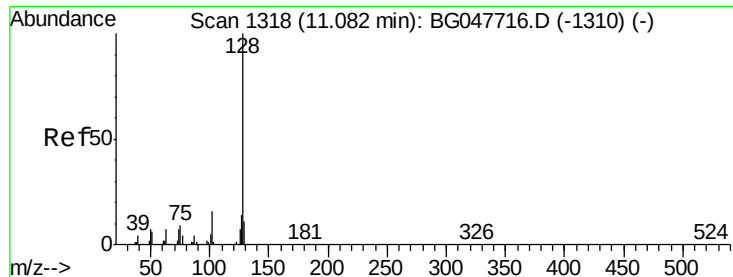
Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	162	Resp:	7266
Ion	Ratio	Lower	Upper
162	100		
164	50.6	48.7	73.1
98	28.0	27.3	40.9





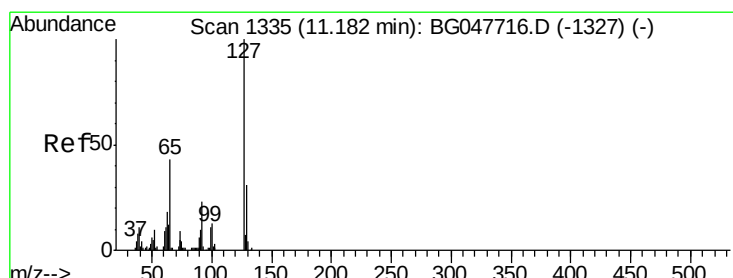
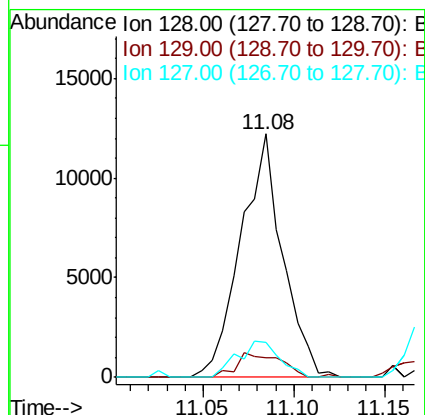
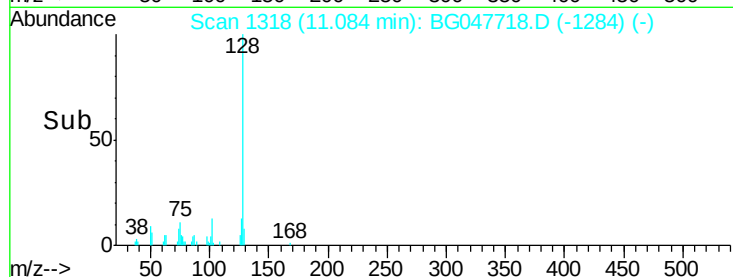
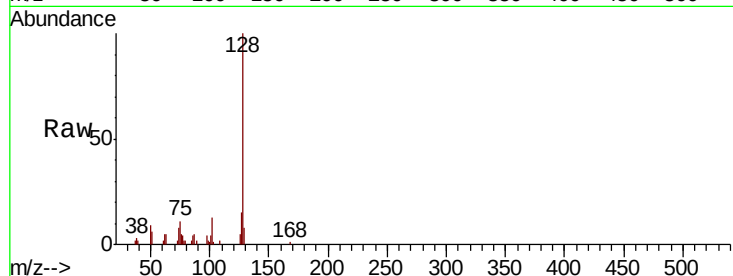
#30
Naphthalene
Concen: 3.347 ng/ul
RT: 11.08 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
128	100		
129	7.9	9.3	13.9#
127	14.5	11.1	16.7

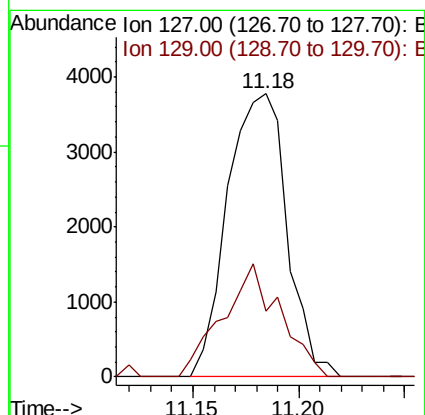
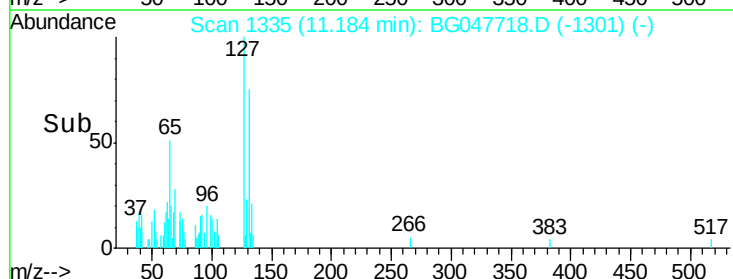
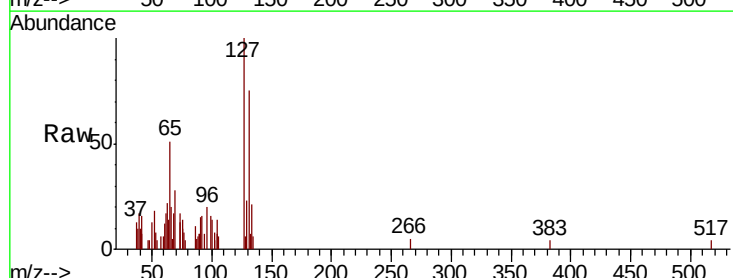
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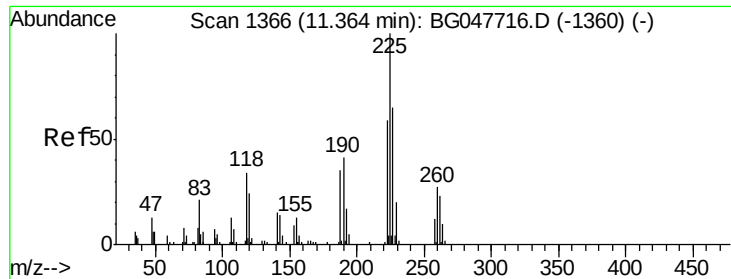
mohammad
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#32
4-Chloroaniline
Concen: 3.089 ng/ul
RT: 11.18 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
127	100		
129	23.1	24.6	37.0#





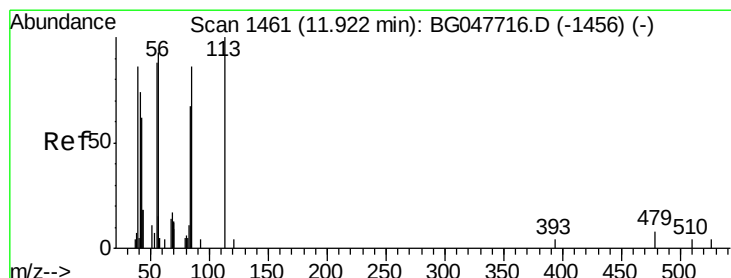
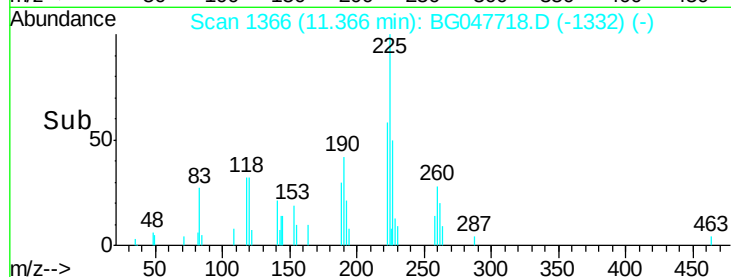
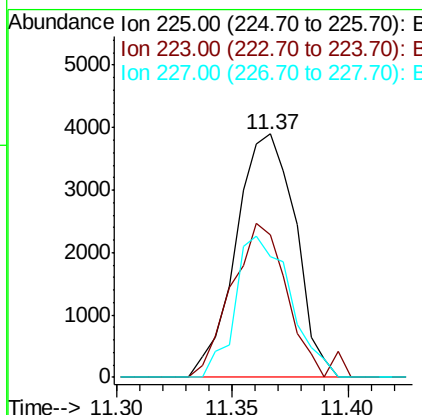
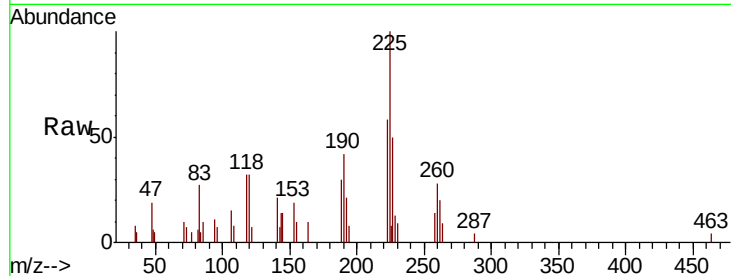
#33
Hexachlorobutadiene
Concen: 3.301 ng/ul
RT: 11.37 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
225	100		
223	58.3	57.4	86.0
227	49.8	59.2	88.8

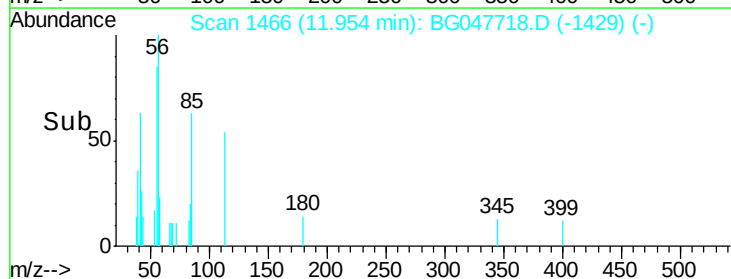
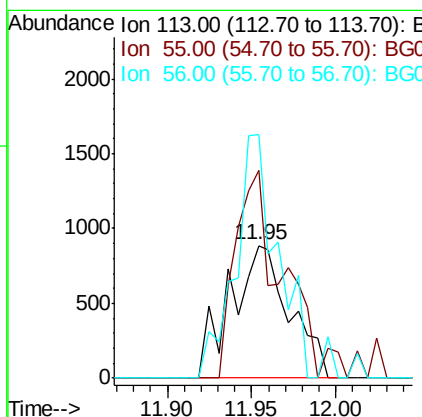
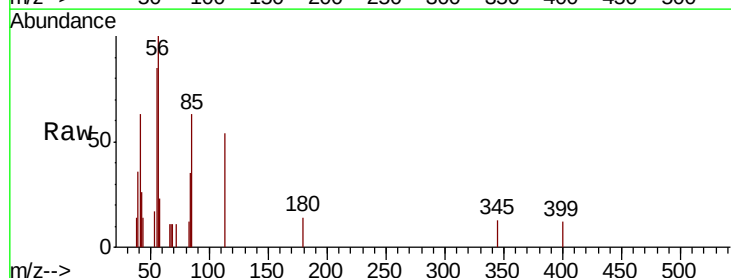
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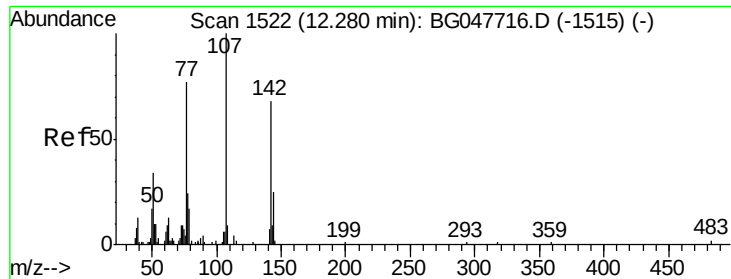
mohammad
12/14/2020 2:44:15 PM



#34
Caprolactam
Concen: 3.253 ng/ul m
RT: 11.95 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
113	100		
55	156.7	65.1	97.7
56	183.7	63.1	94.7





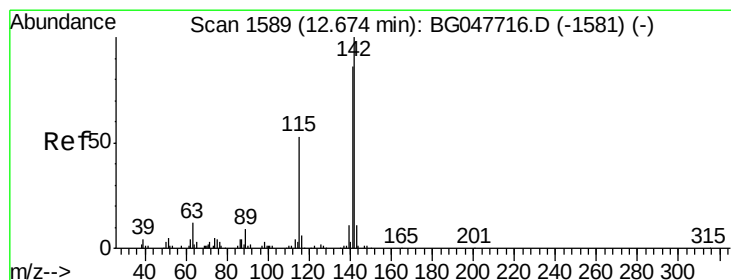
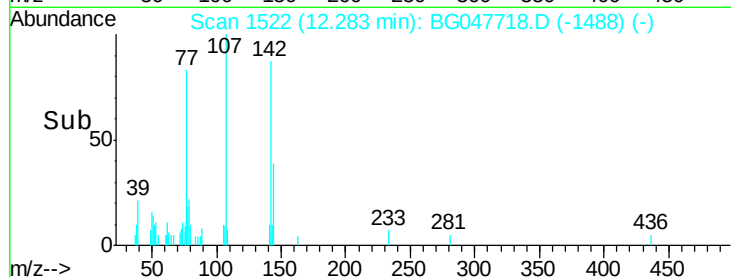
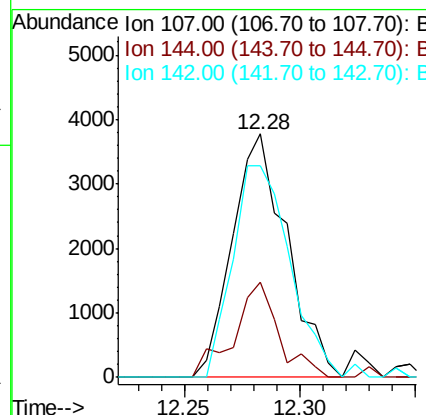
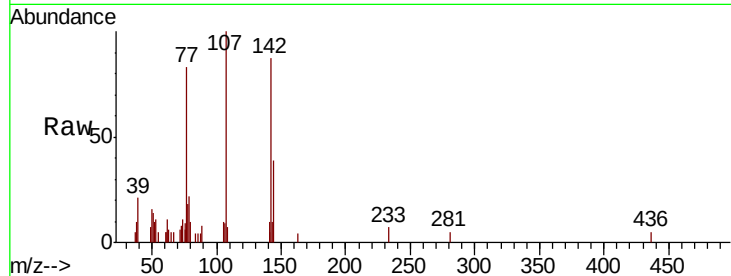
#35
 4-Chloro-3-methylphenol
 Concen: 2.864 ng/ul
 RT: 12.28 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
107	100		
144	39.2	14.6	22.0#
142	86.8	47.7	71.5#

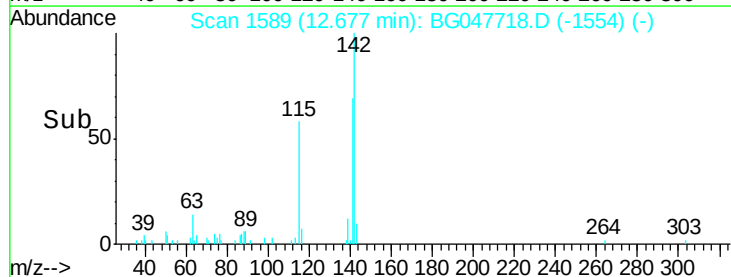
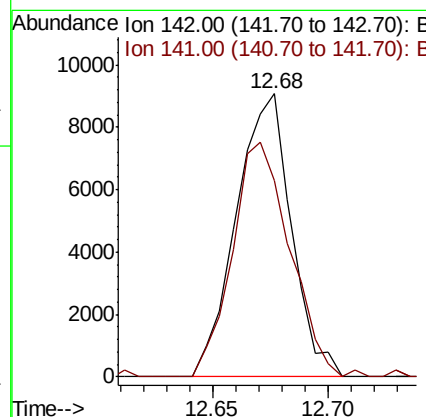
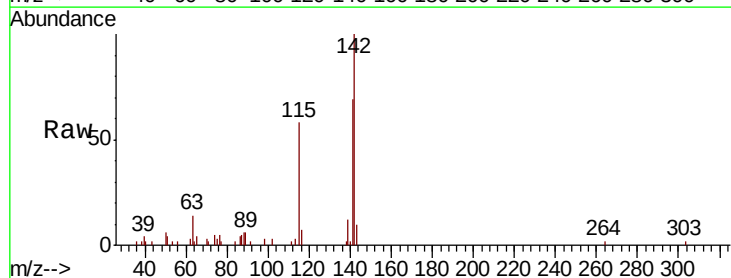
Manual Integrations
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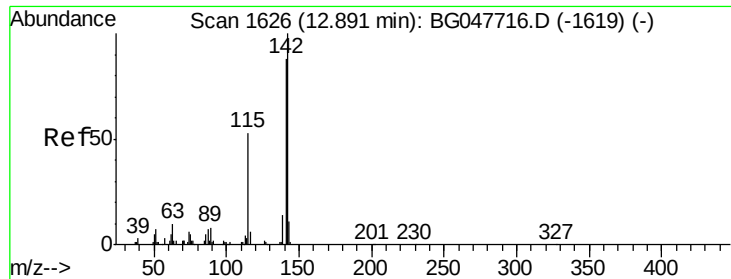
mohammad
 12/14/2020 2:44:15 PM



#36
 2-Methylnaphthalene
 Concen: 3.406 ng/ul
 RT: 12.68 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	69.2	67.0	100.6





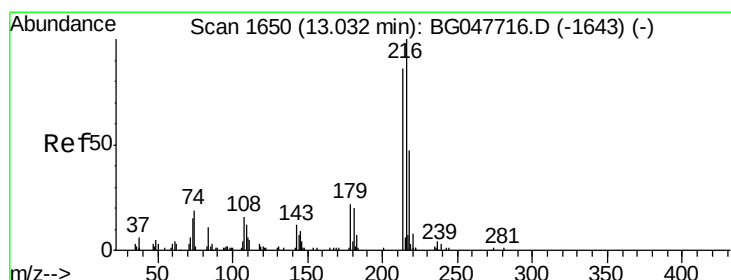
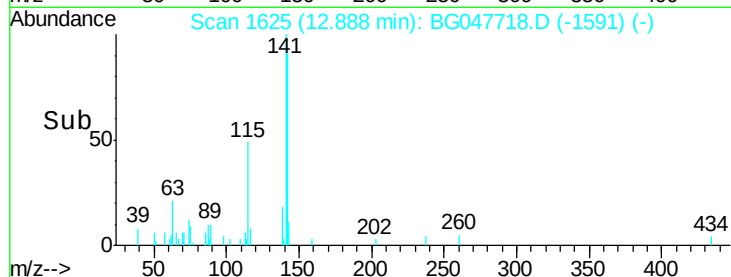
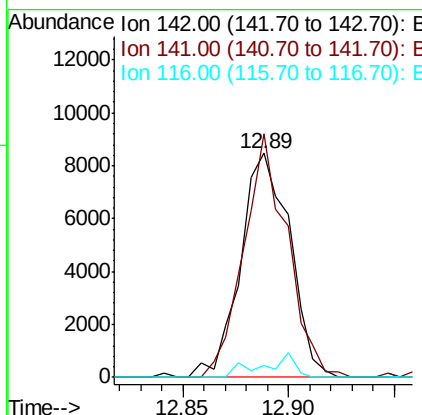
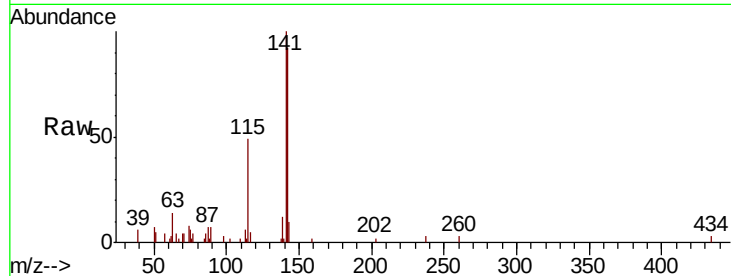
#37
1-Methylnaphthalene
Concen: 3.243 ng/ul
RT: 12.89 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	108.6	74.6	112.0
116	5.6	4.4	6.6

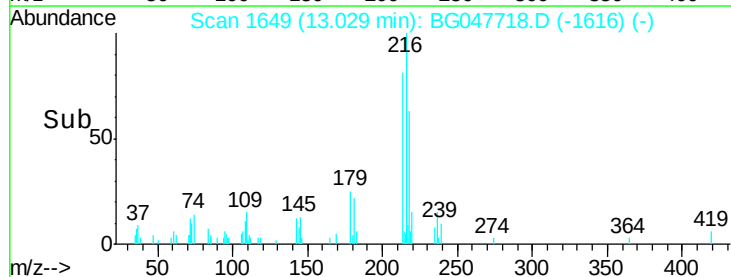
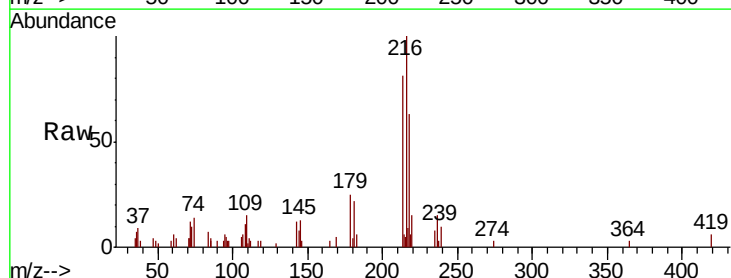
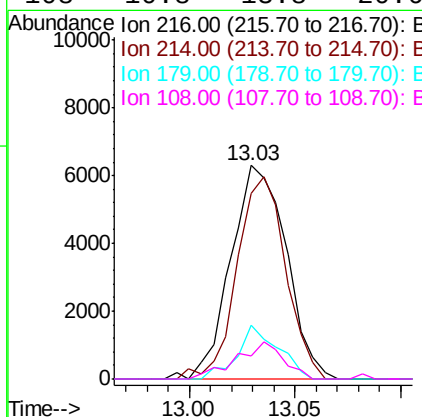
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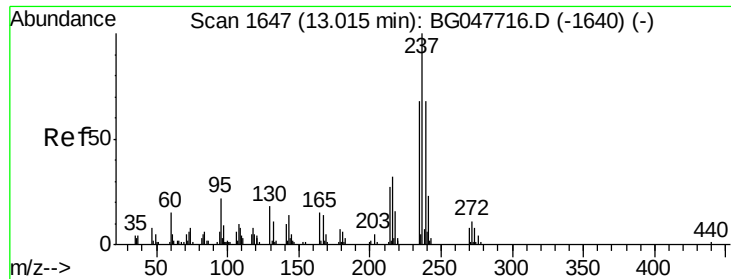
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.248 ng/ul
RT: 13.03 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	87.0	69.7	104.5
179	25.2	15.2	22.8#
108	10.8	13.8	20.6#





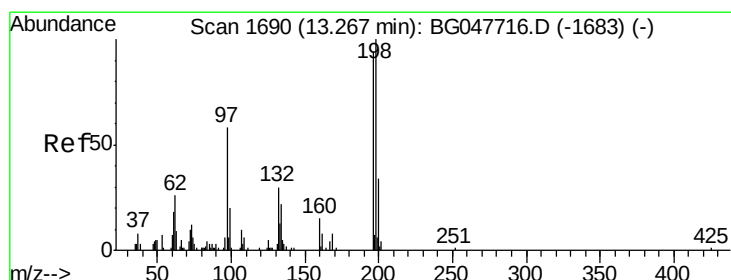
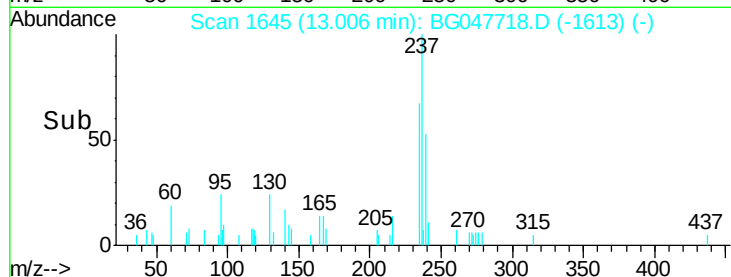
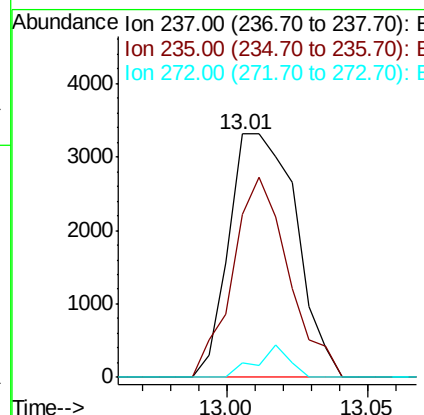
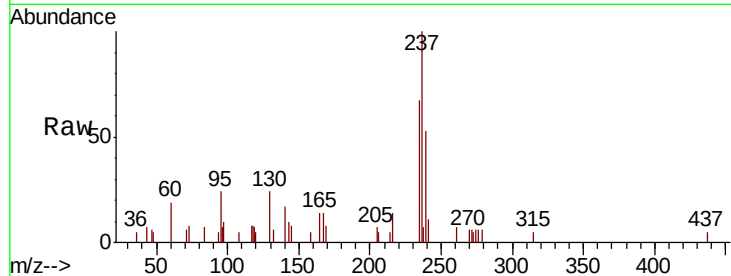
#40
Hexachlorocyclopentadiene
Concen: 2.380 ng/ul
RT: 13.01 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
237	100		
235	67.2	49.4	74.0
272	10.6	8.4	12.6

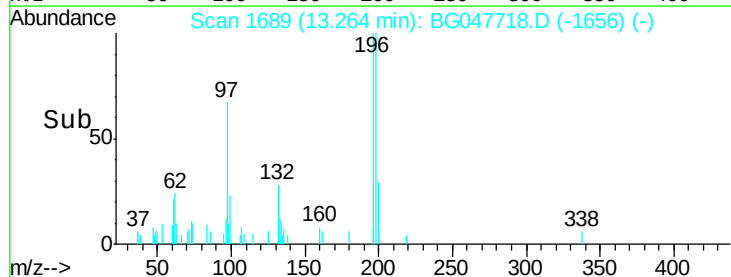
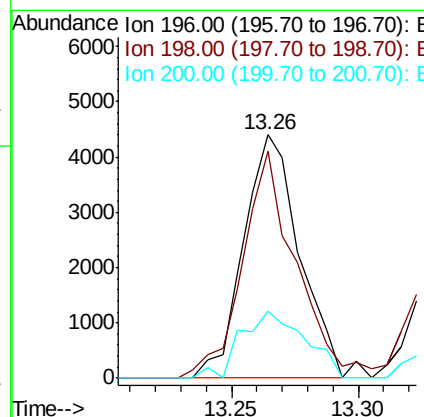
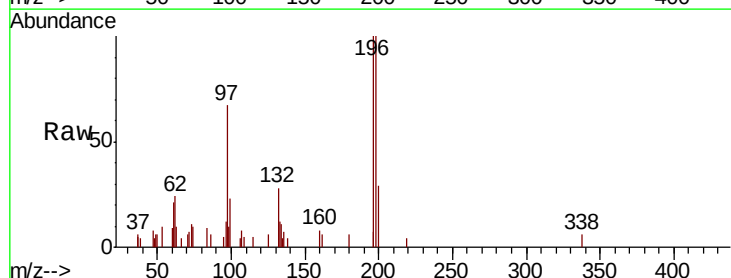
Manual Integrations
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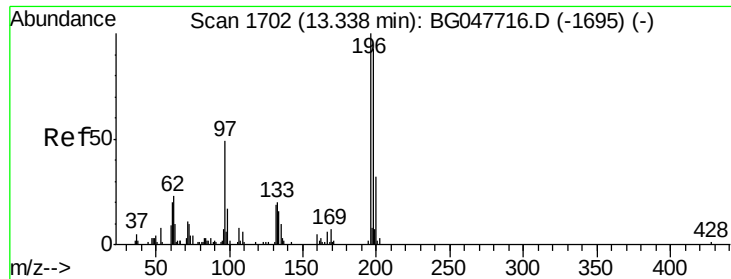
mohammad
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#41
2,4,6-Trichlorophenol
Concen: 3.218 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	77.6	116.4
200	27.3	27.0	40.6





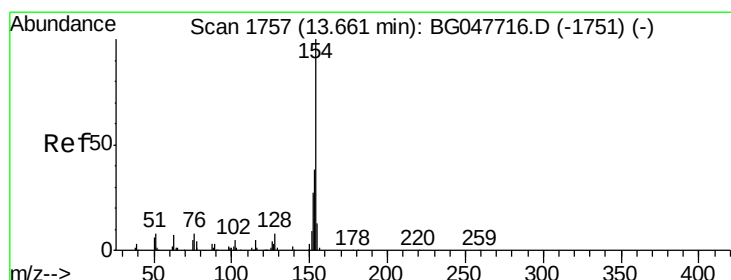
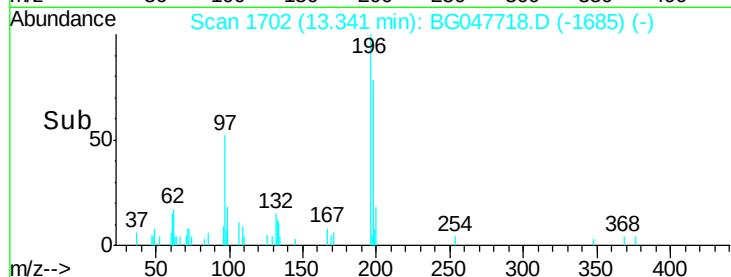
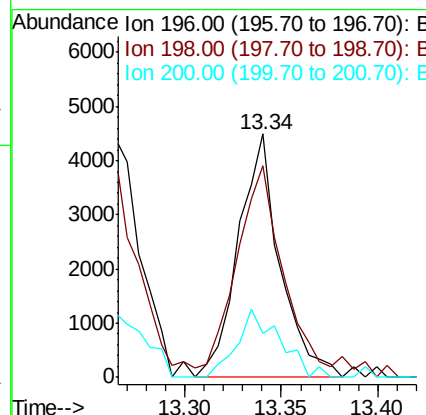
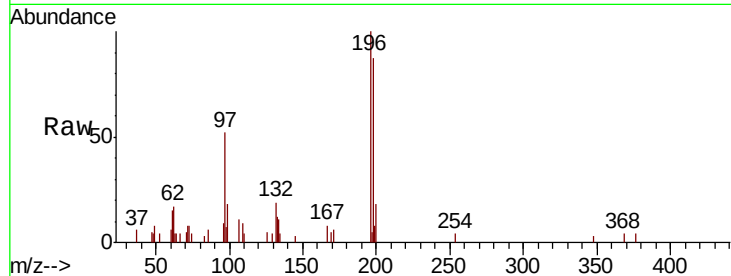
#42
 2,4,5-Trichlorophenol
 Concen: 3.033 ng/ul m
 RT: 13.34 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

Tot Ion	Ratio	Resp	Lower	Upper
196	100	6743		
198	86.7	76.5	114.7	
200	18.2	23.4	35.0	

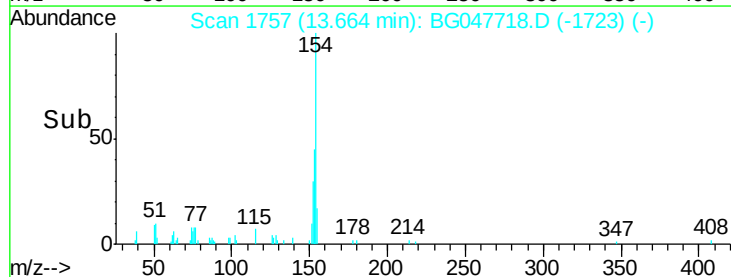
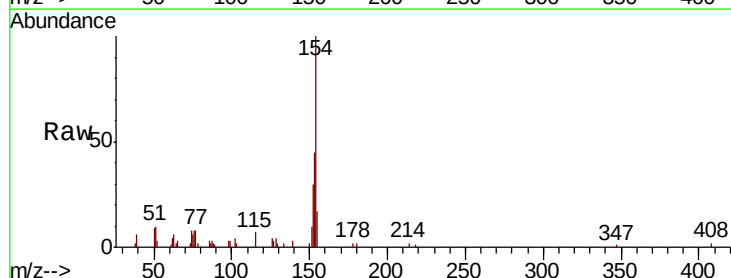
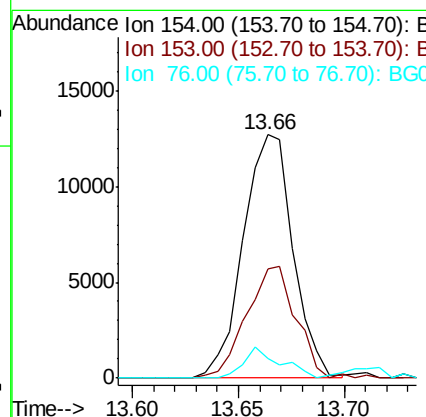
Manual Integrations
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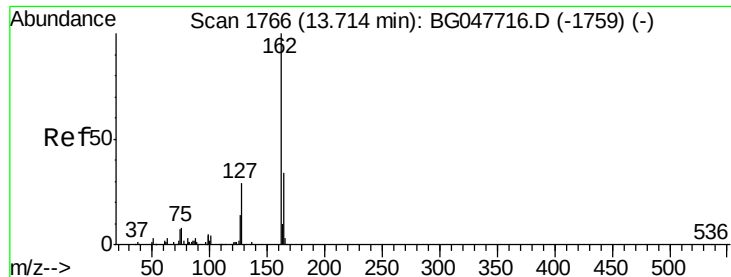
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#43
 1,1'-Biphenyl
 Concen: 3.164 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	20768		
153	45.0	33.8	50.6	
76	8.1	7.5	11.3	





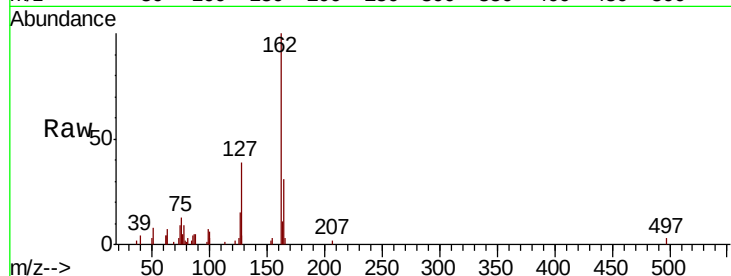
#44
2-Chloronaphthalene
Concen: 3.313 ng/ul
RT: 13.71 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.2	27.8	41.6
127	39.3	30.8	46.2

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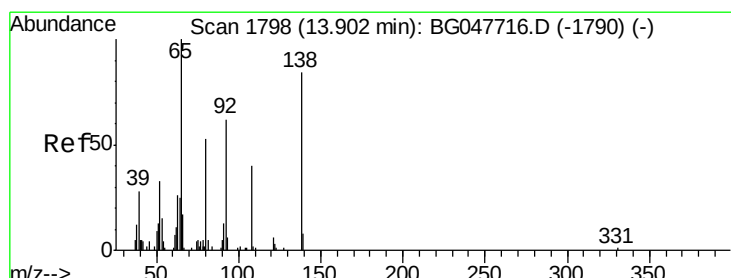
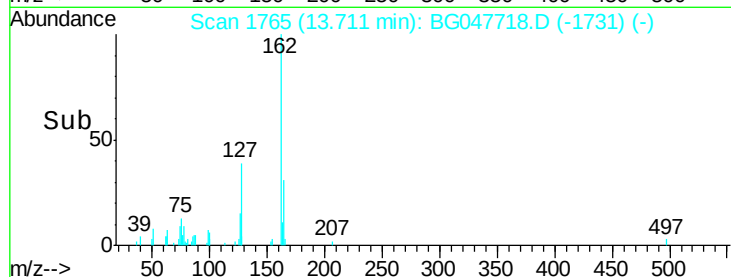
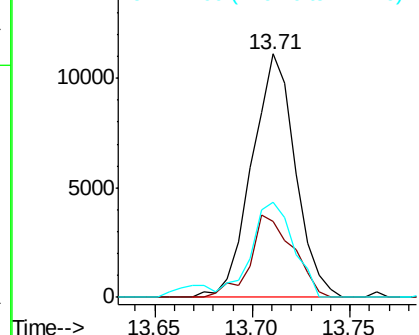


Abundance

Ion 162.00 (161.70 to 162.70): E

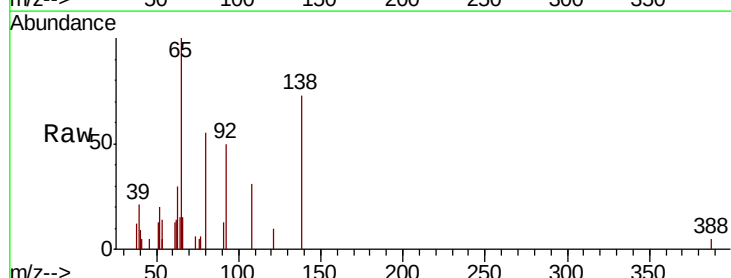
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45
2-Nitroaniline
Concen: 3.289 ng/ul
RT: 13.90 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	49.8	45.8	68.6
138	72.8	71.1	106.7

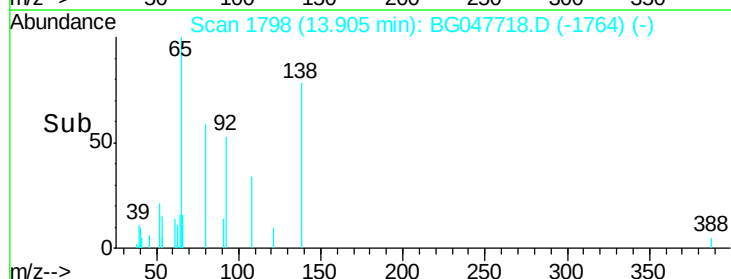
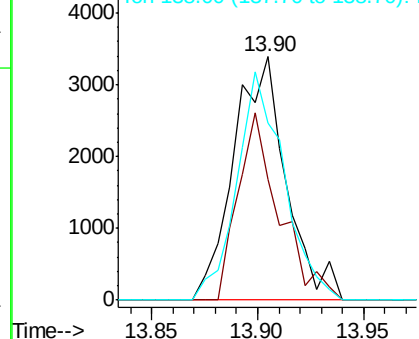


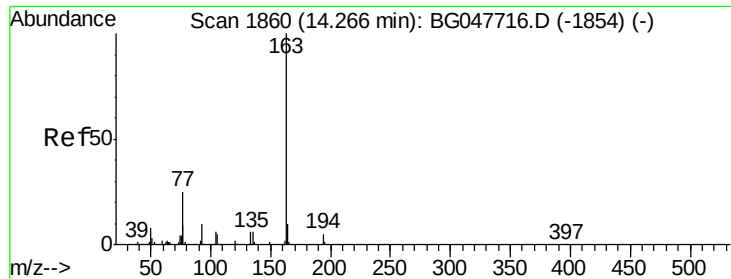
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#47

Dimethylphthalate

Concen: 3.268 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

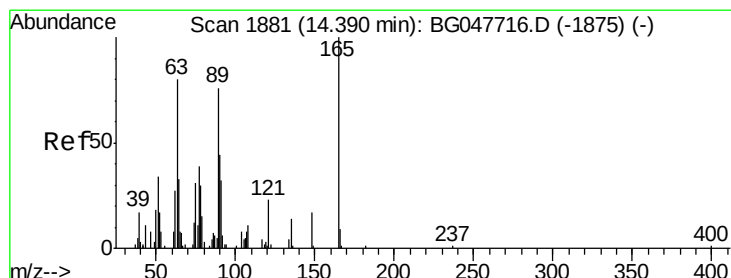
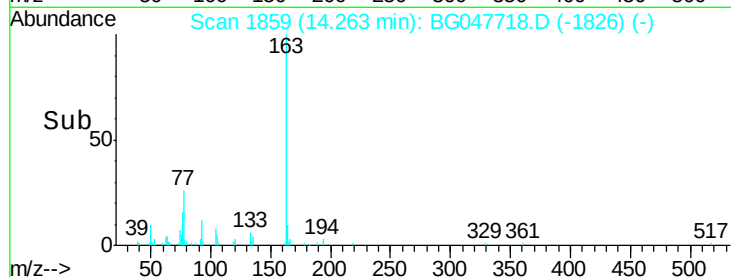
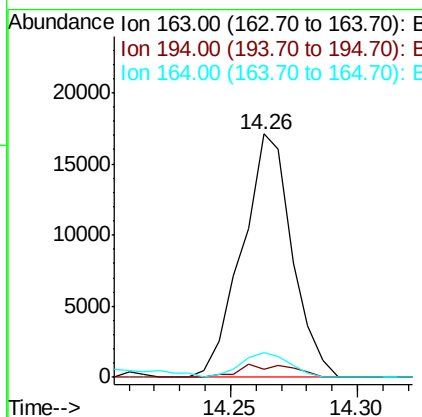
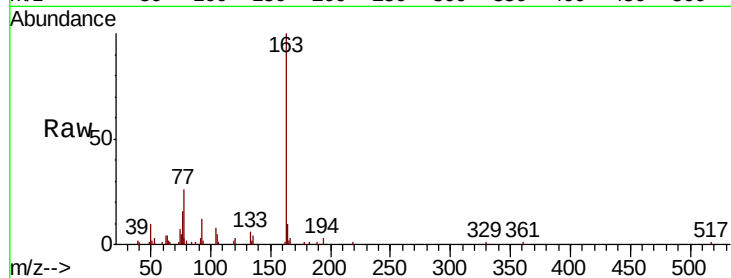
ClientSampleId :

MDL-SOIL-01

Tot Ion:	163	Resp:	23488
Ion Ratio	Lower	Upper	
163	100		
194	3.1	3.4	5.2#
164	10.2	8.1	12.1

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#48

2,6-Dinitrotoluene

Concen: 3.249 ng/ul

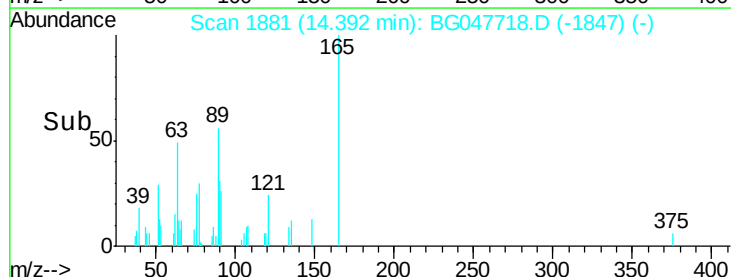
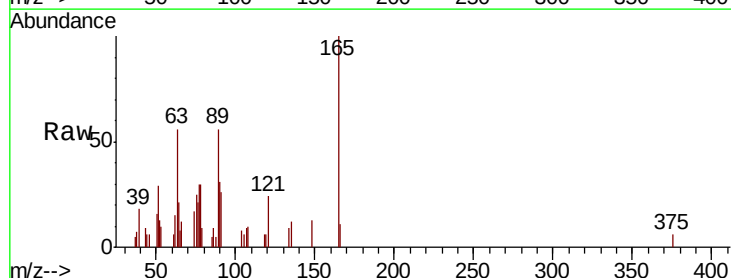
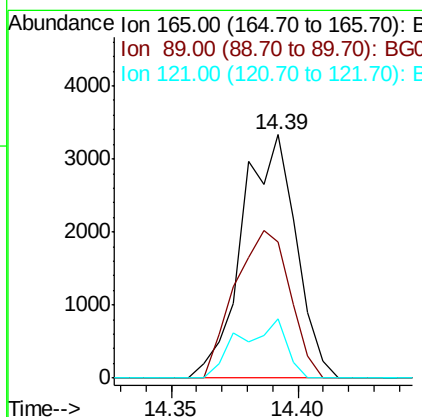
RT: 14.39 min Scan# 1881

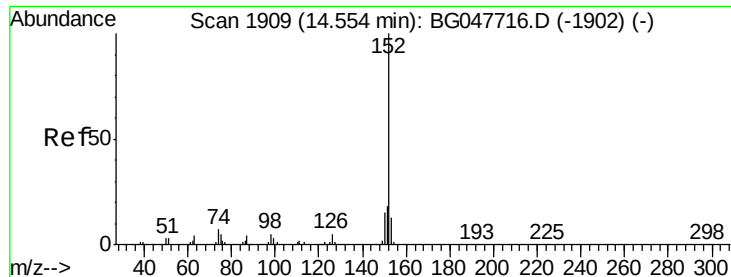
Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	165	Resp:	4934
Ion Ratio	Lower	Upper	
165	100		
89	56.0	60.7	91.1#
121	24.4	18.1	27.1





#50

Acenaphthylene

Concen: 3.223 ng/ul

RT: 14.56 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

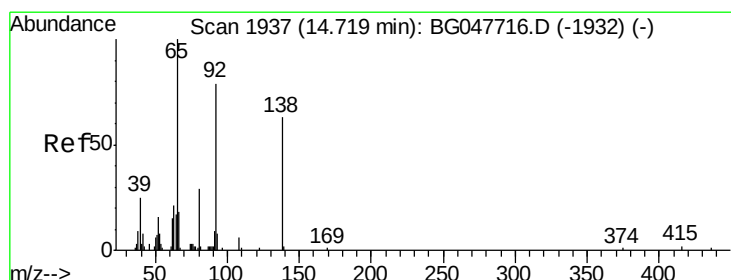
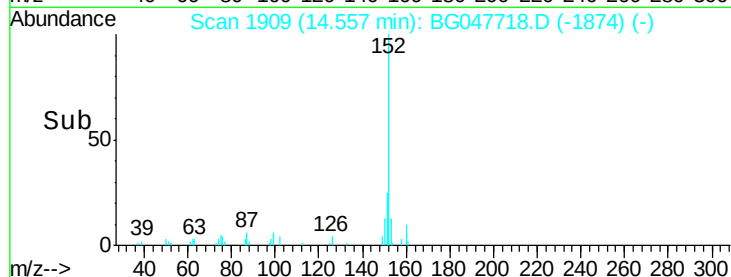
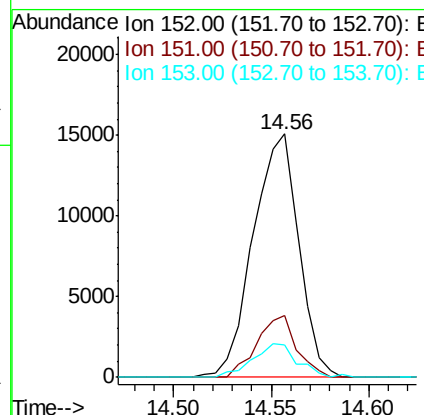
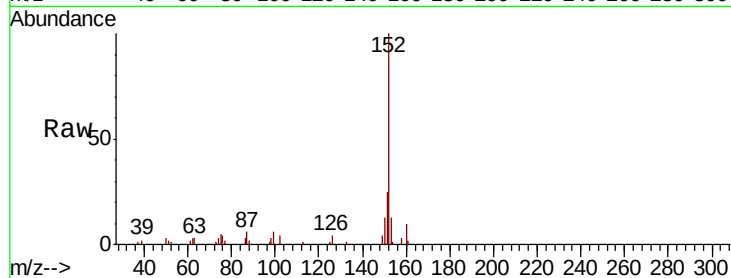
ClientSampleId :

MDL-SOIL-01

Tot Ion:	152	Resp:	24357
Ion Ratio	Lower	Upper	
152	100		
151	25.4	15.3	22.9#
153	13.4	11.7	17.5

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#51

3-Nitroaniline

Concen: 3.507 ng/ul

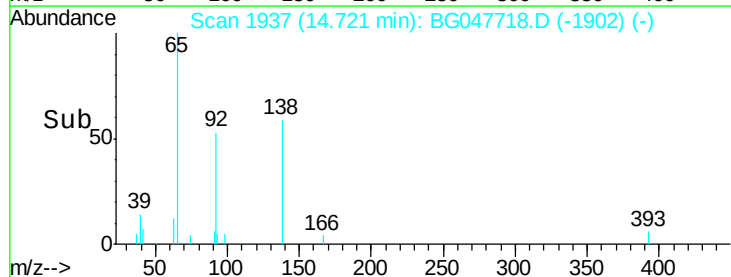
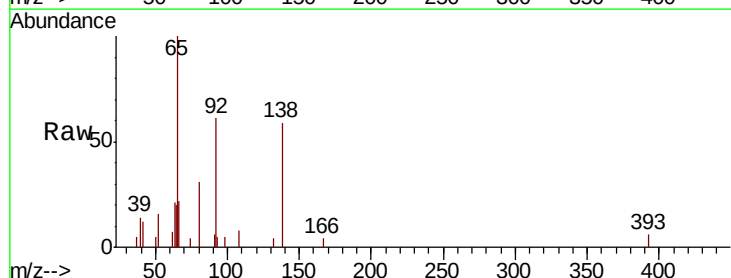
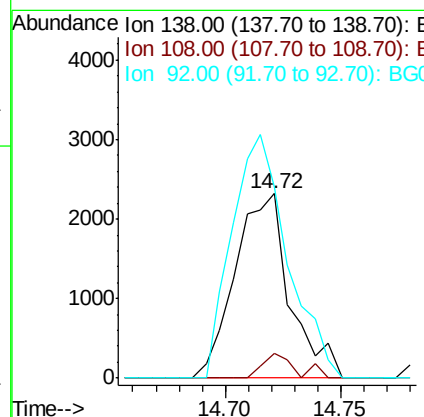
RT: 14.72 min Scan# 1937

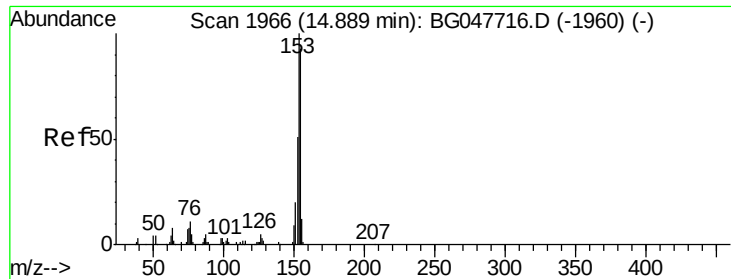
Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	138	Resp:	3824
Ion Ratio	Lower	Upper	
138	100		
108	13.4	11.9	17.9
92	103.4	97.7	146.5





#52

Acenaphthene

Concen: 3.049 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

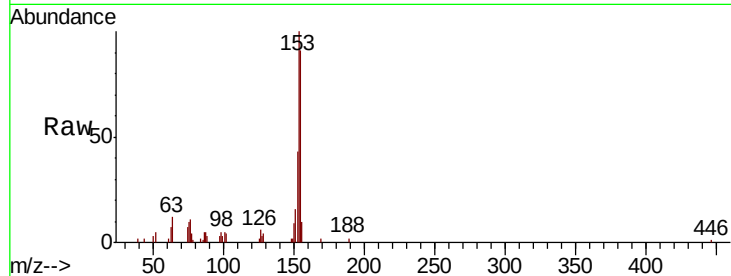
ClientSampleId :

MDL-SOIL-01

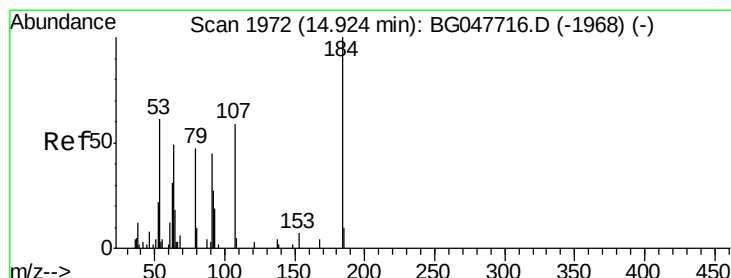
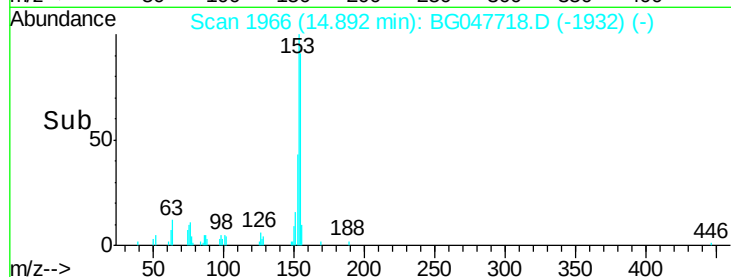
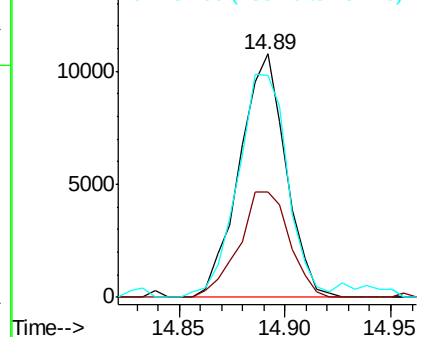
Tot Ion:	153	Resp:	16380
Ion Ratio	Lower	Upper	
153	100		
152	43.1	34.8	52.2
154	91.3	71.2	106.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.377 ng/ul m

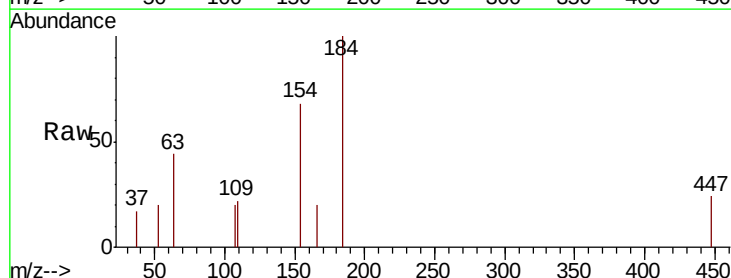
RT: 14.93 min Scan# 1972

Delta R.T. 0.00 min

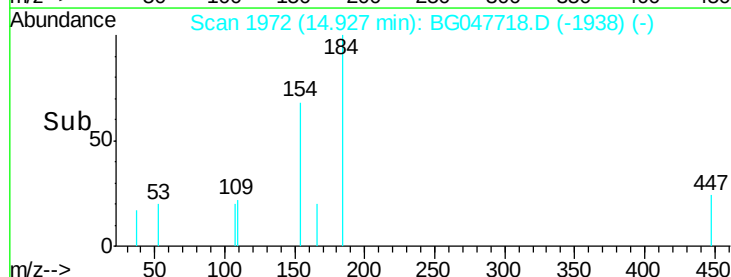
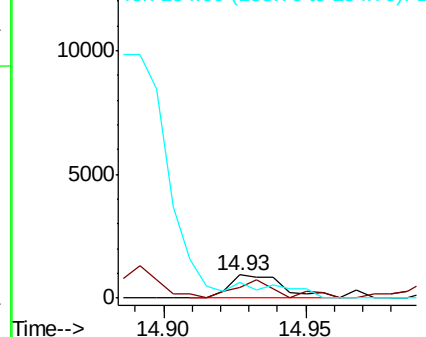
Lab File: BG047718.D

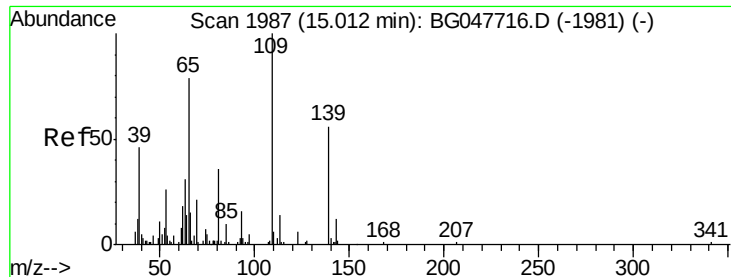
Acq: 11 Dec 2020 17:46

Tgt Ion:	184	Resp:	1240
Ion Ratio	Lower	Upper	
184	100		
63	43.9	46.5	69.7#
154	67.6	58.4	87.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 3.257 ng/ul

RT: 15.01 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

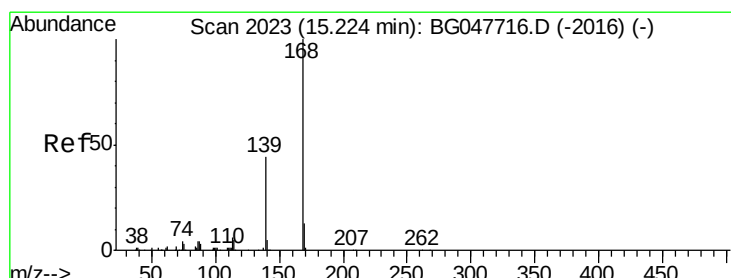
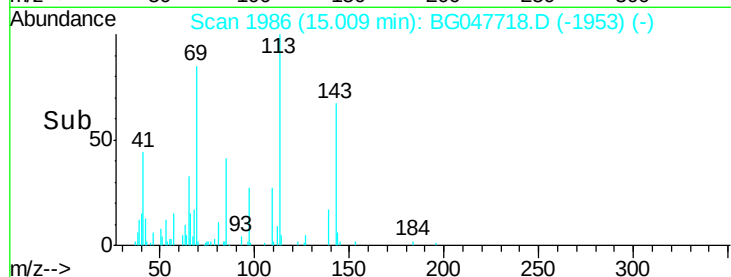
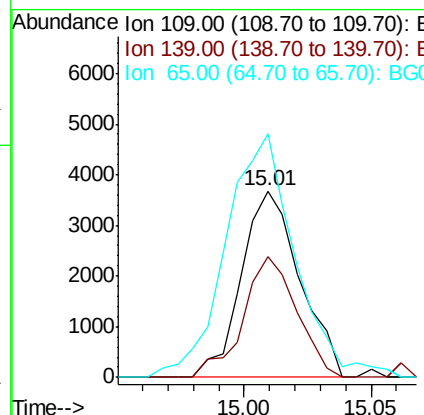
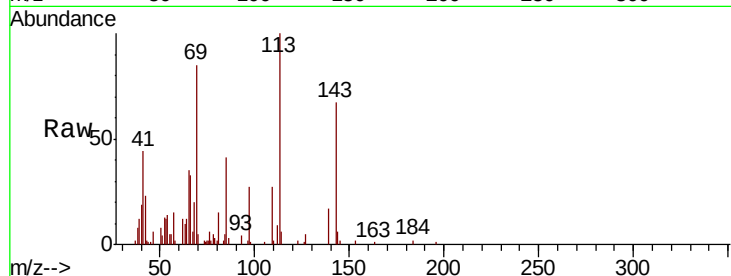
ClientSampleId :

MDL-SOIL-01

Tot Ion:	109	Resp:	5900
Ion Ratio	Lower	Upper	
109	100		
139	65.1	47.0	70.6
65	130.8	74.7	112.1#

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#56

Dibenzofuran

Concen: 3.248 ng/ul

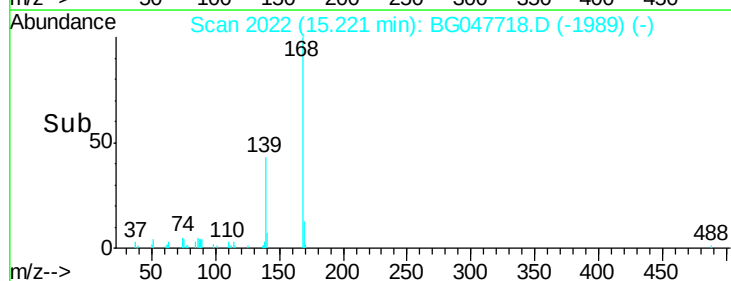
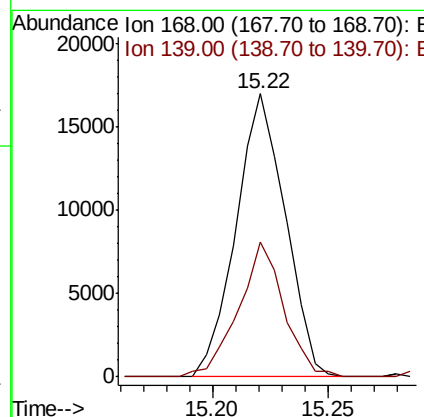
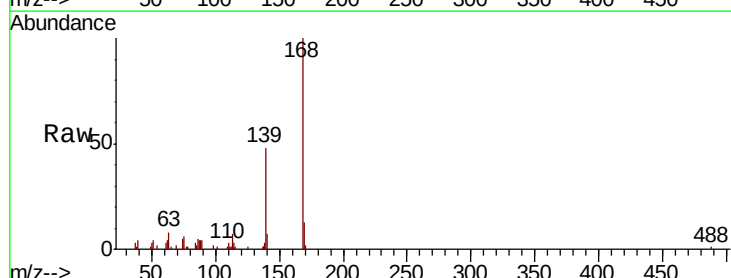
RT: 15.22 min Scan# 2022

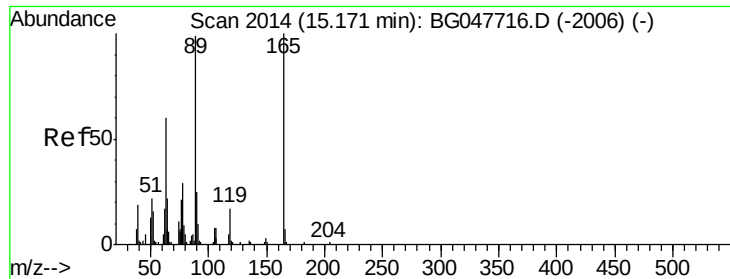
Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	168	Resp:	25275
Ion Ratio	Lower	Upper	
168	100		
139	47.7	34.0	51.0





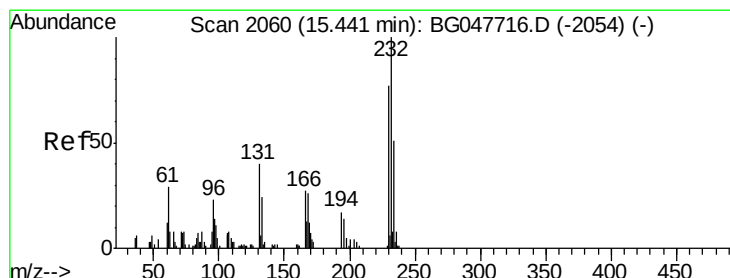
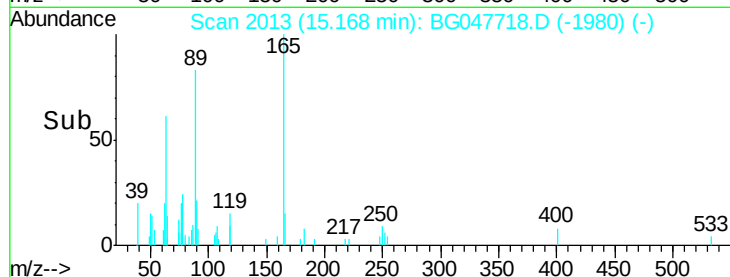
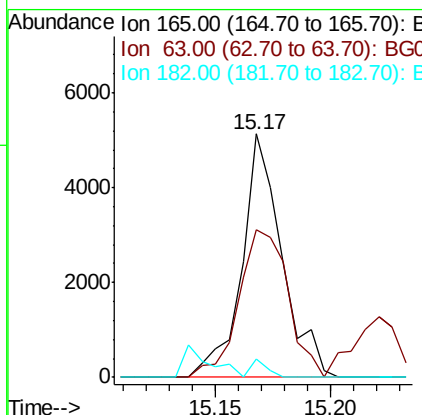
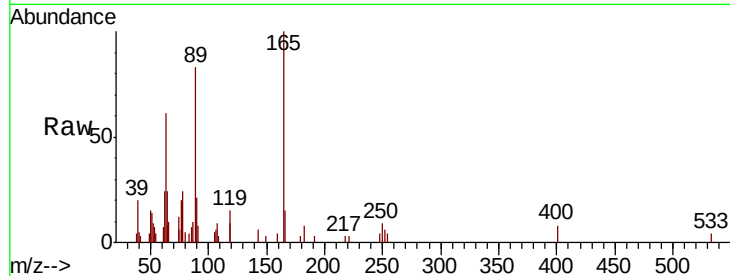
#57
2,4-Dinitrotoluene
Concen: 2.858 ng/ul
RT: 15.17 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	54.6	81.8
182	7.5	2.6	3.8#

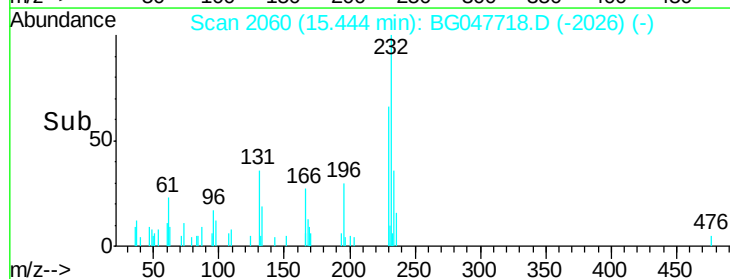
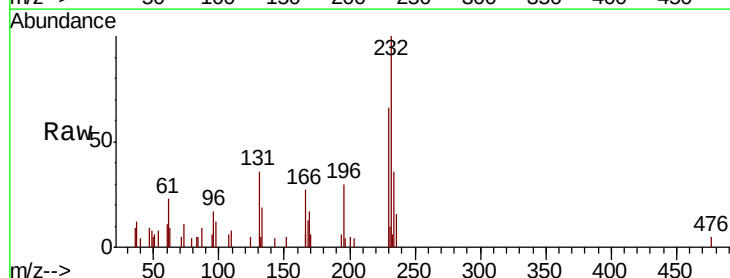
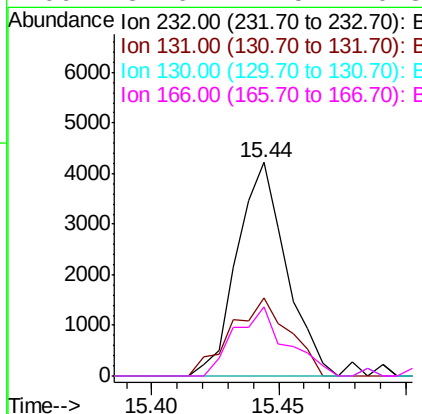
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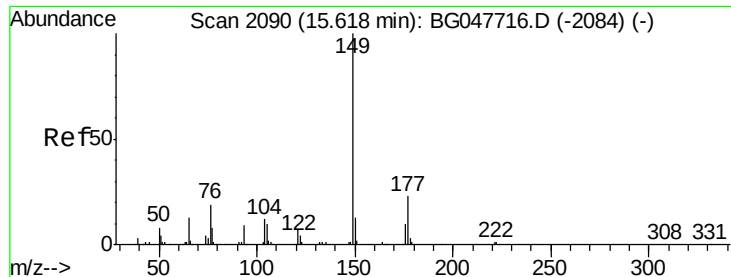
mohammad
12/14/2020 2:44:15 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.769 ng/ul
RT: 15.44 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	31.9	47.9
130	0.0	3.0	4.6#
166	32.6	17.5	26.3#





#59

Diethylphthalate

Concen: 3.223 ng/ul

RT: 15.62 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

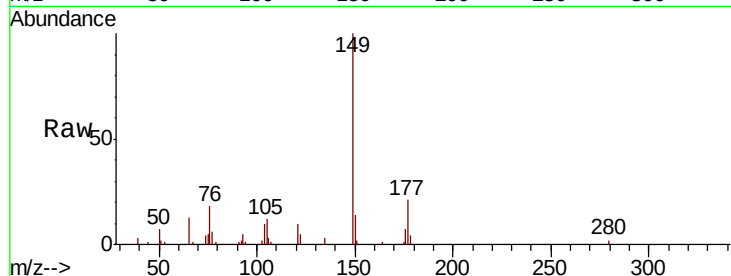
ClientSampleId :

MDL-SOIL-01

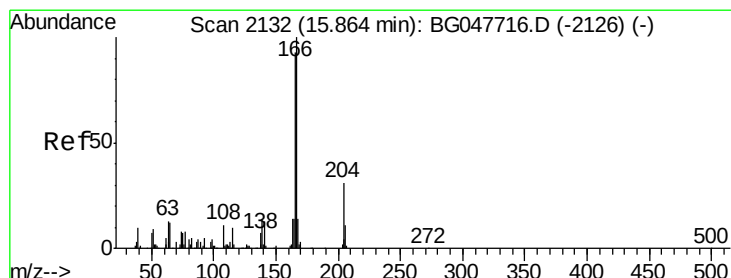
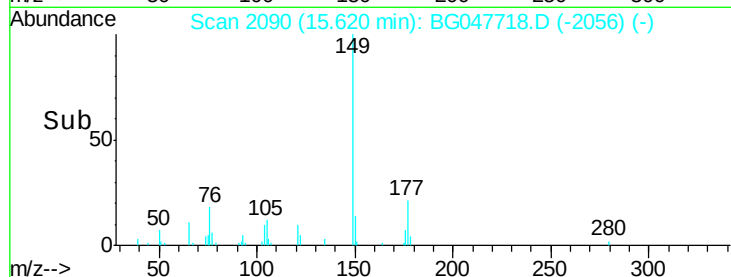
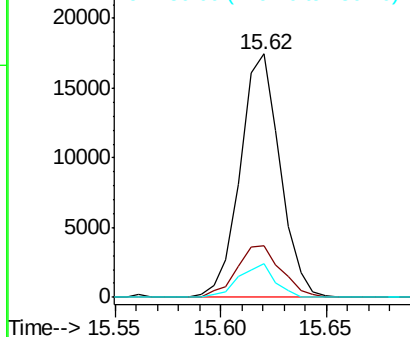
Tot Ion:	149	Resp:	22928
Ion Ratio	Lower	Upper	
149	100		
177	21.1	20.6	31.0
150	13.9	11.1	16.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

Fluorene

Concen: 3.339 ng/ul

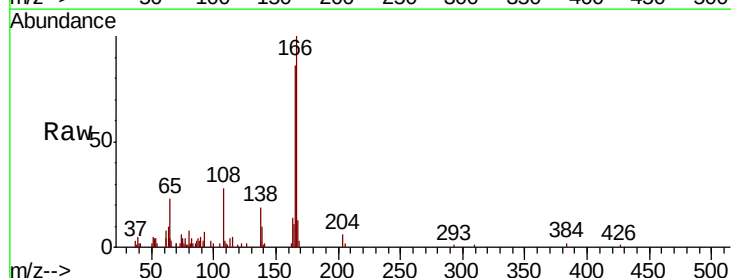
RT: 15.87 min Scan# 2133

Delta R.T. 0.00 min

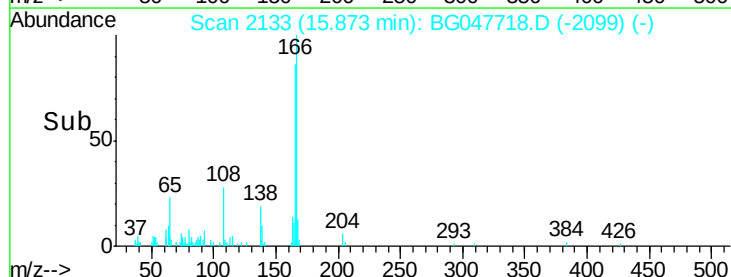
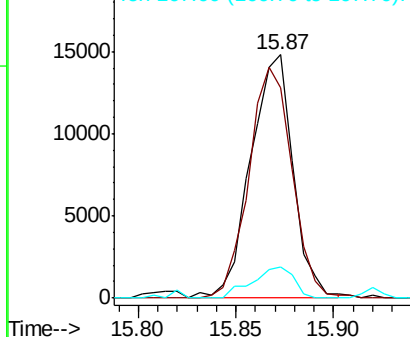
Lab File: BG047718.D

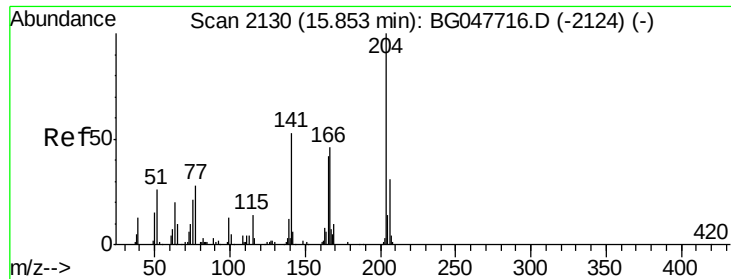
Acq: 11 Dec 2020 17:46

Tgt Ion:	166	Resp:	22328
Ion Ratio	Lower	Upper	
166	100		
165	86.5	75.4	113.2
167	12.9	12.3	18.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#62

4-Chlorophenyl-phenylether

Concen: 3.180 ng/ul

RT: 15.86 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

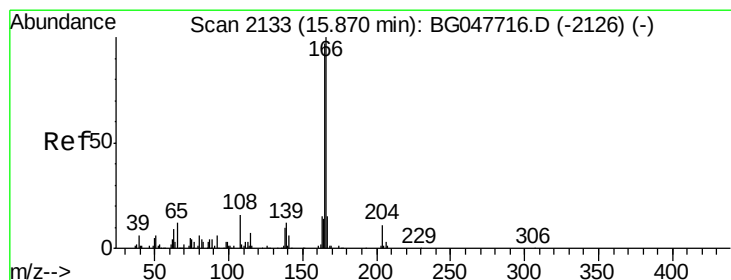
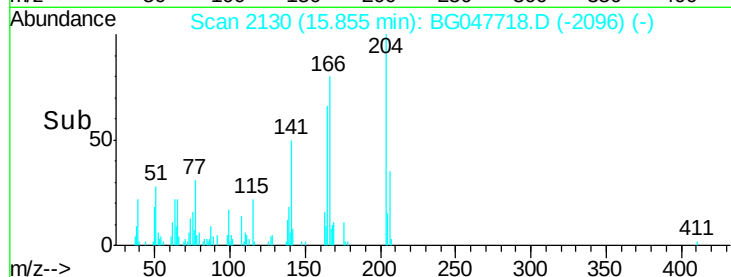
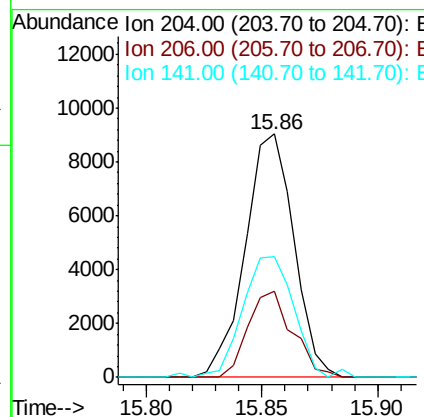
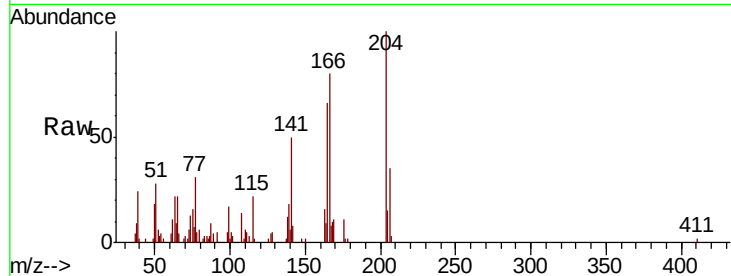
ClientSampleId :

MDL-SOIL-01

Tot Ion:	204	Resp:	13301
Ion Ratio	Lower	Upper	
204	100		
206	35.2	26.2	39.2
141	49.5	40.9	61.3

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#63

4-Nitroaniline

Concen: 4.825 ng/ul

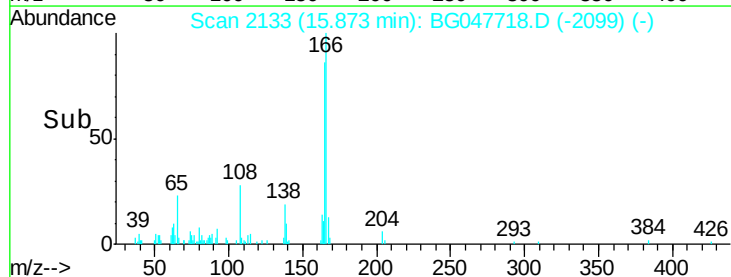
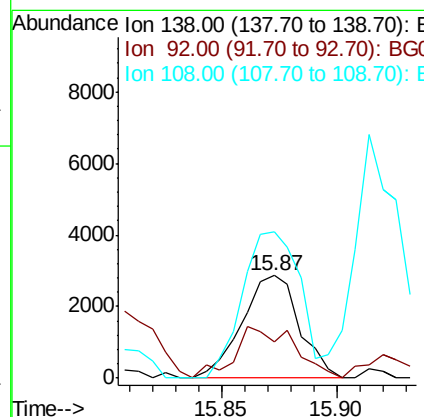
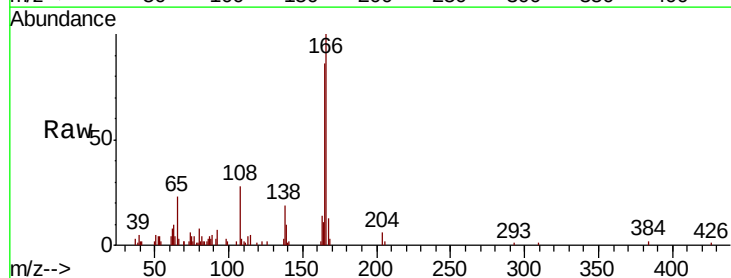
RT: 15.87 min Scan# 2133

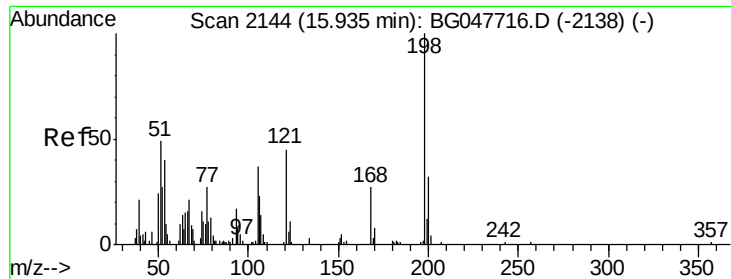
Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	138	Resp:	4946
Ion Ratio	Lower	Upper	
138	100		
92	35.5	31.9	47.9
108	142.1	109.1	163.7





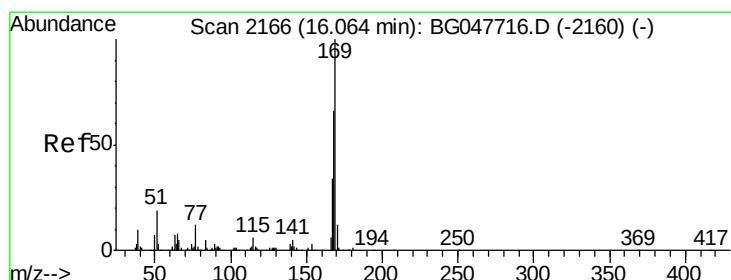
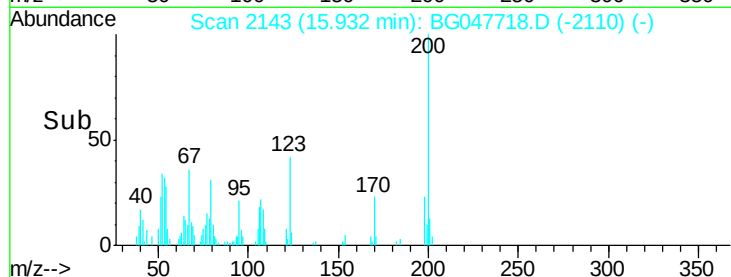
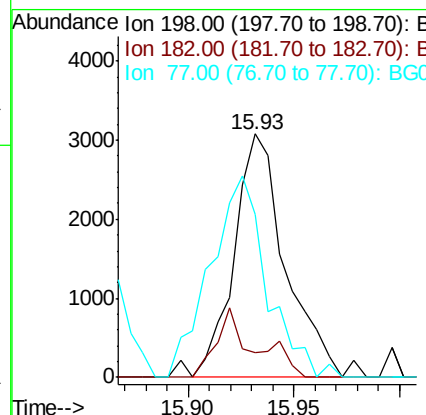
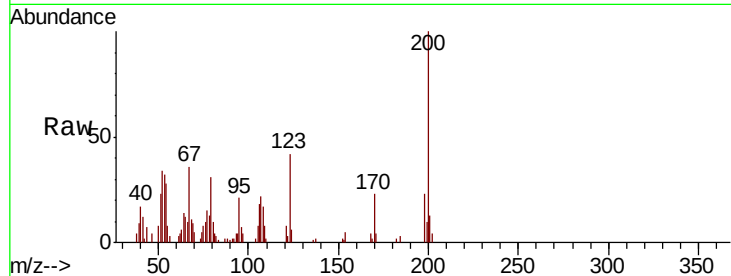
#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.498 ng/ul
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	10.0	2.9	4.3#	
77	66.9	26.1	39.1#	

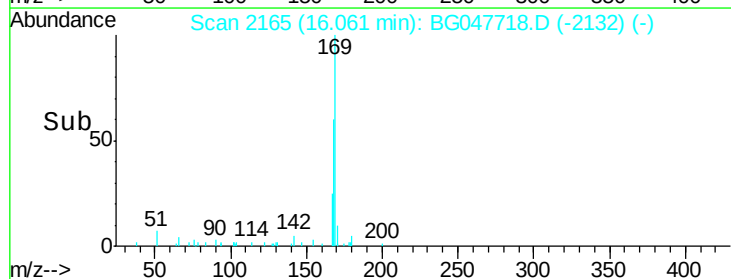
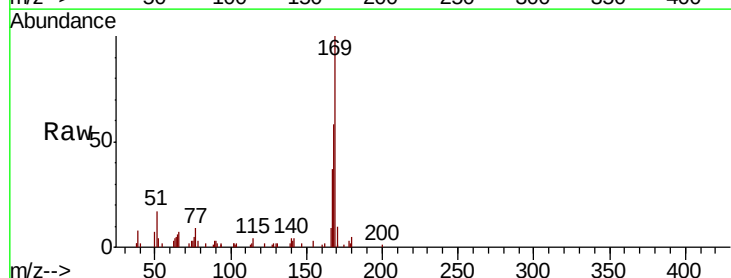
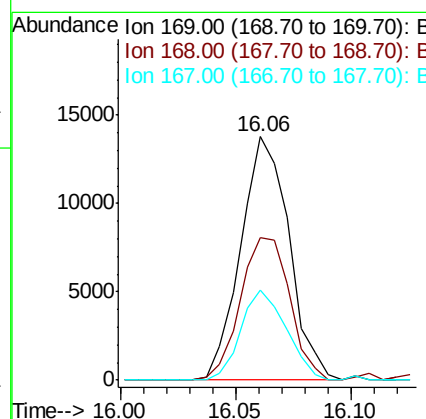
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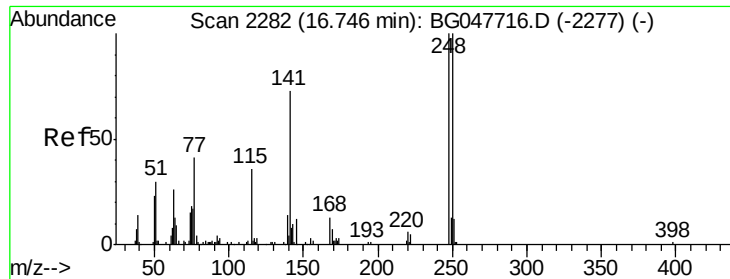
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#67
 N-Nitrosodiphenylamine
 Concen: 3.413 ng/ul
 RT: 16.06 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	58.4	53.8	80.8	
167	36.8	29.8	44.8	





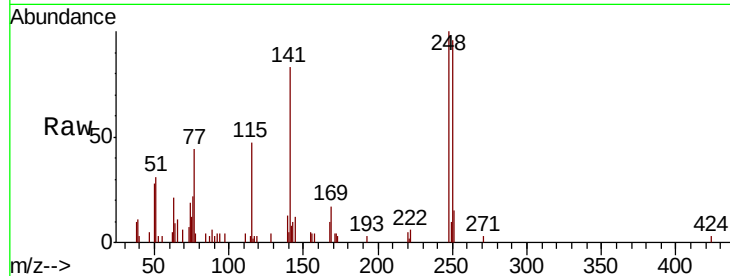
#68
4-Bromophenyl-phenylether
Concen: 3.651 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.2	115.8
141	82.6	61.8	92.6

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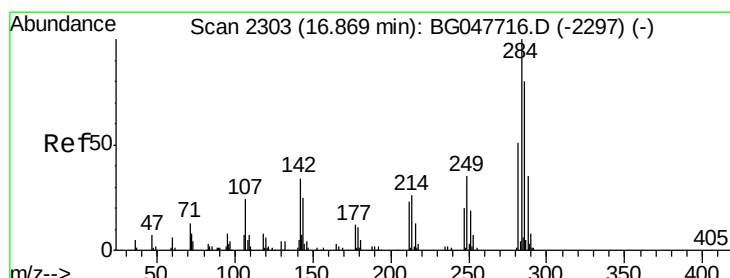
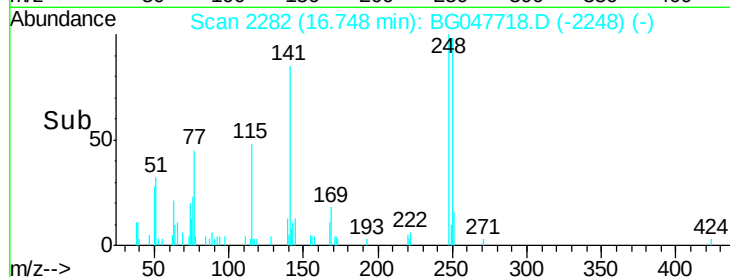
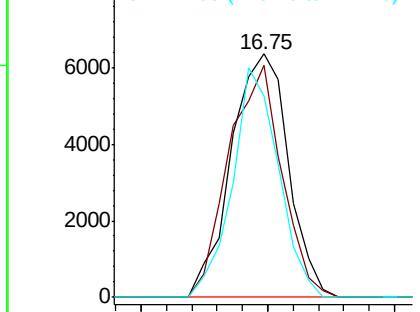


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69
Hexachlorobenzene
Concen: 3.341 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

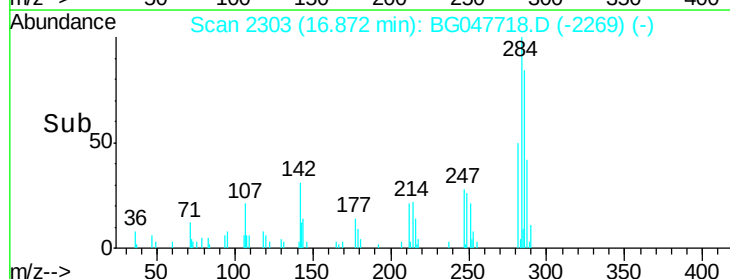
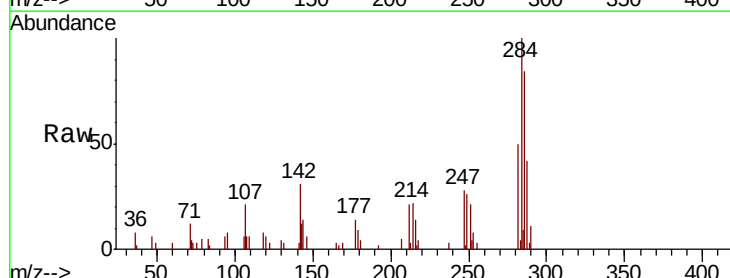
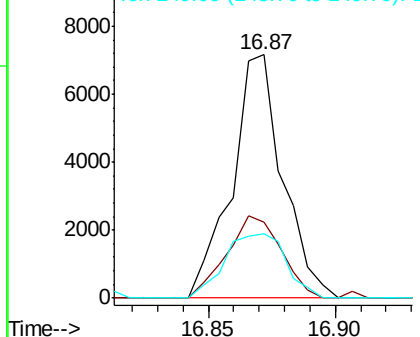
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	29.3	43.9
249	26.4	31.7	47.5#

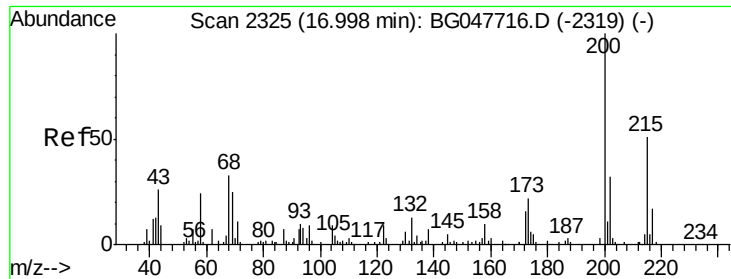
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





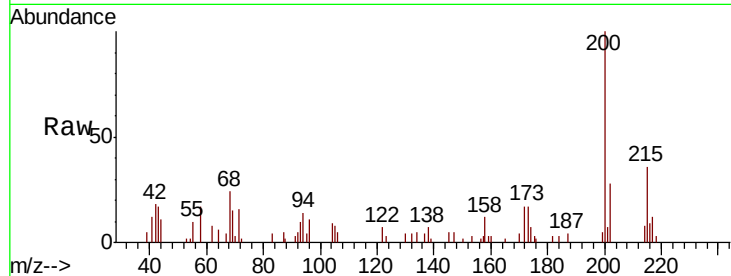
#70
Atrazine
Concen: 3.468 ng/ul
RT: 17.00 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

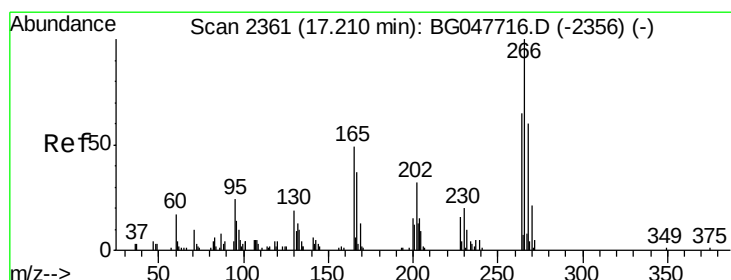
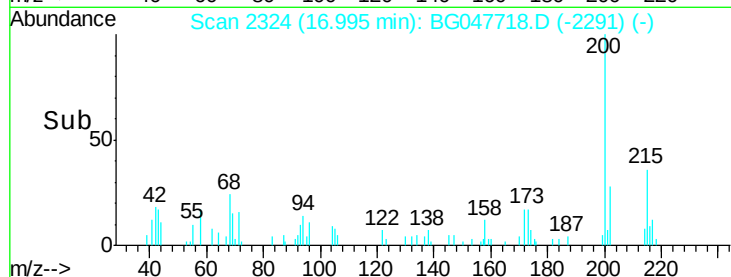
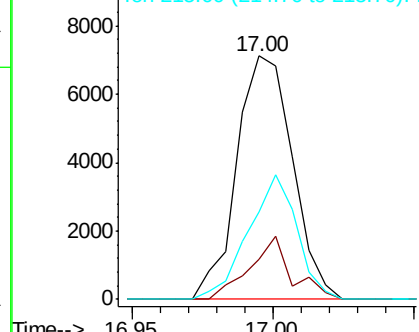
Tot Ion	Ratio	Lower	Upper
200	100		
173	16.6	14.9	22.3
215	35.9	42.5	63.7

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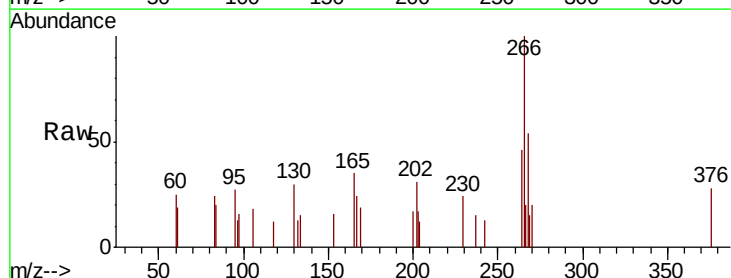


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

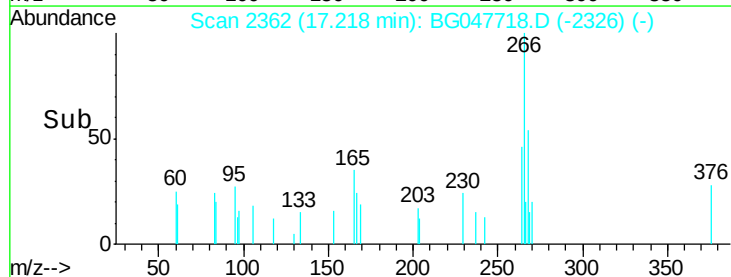
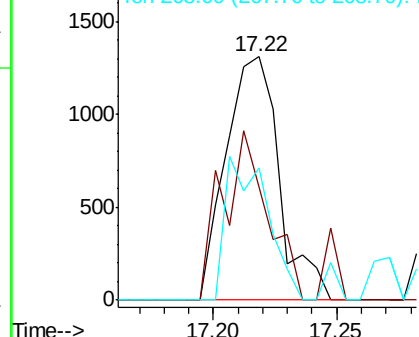


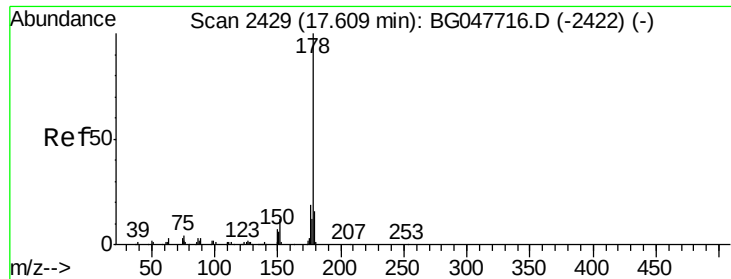
#71
Pentachlorophenol
Concen: 1.405 ng/ul m
RT: 17.22 min Scan# 2362
Delta R.T. 0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	46.3	56.8	85.2
268	54.1	56.8	85.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.294 ng/ul

RT: 17.61 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

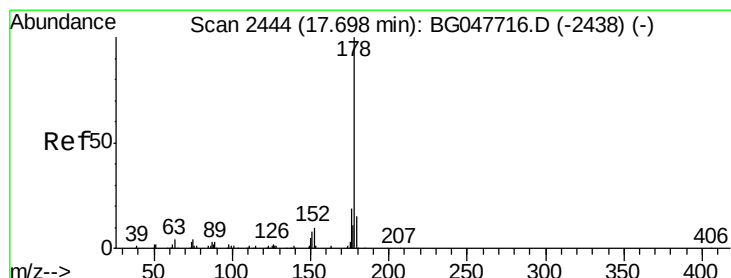
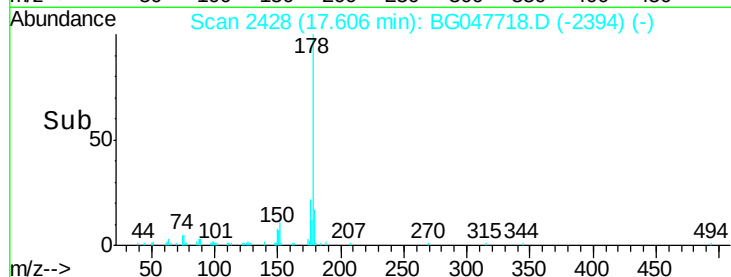
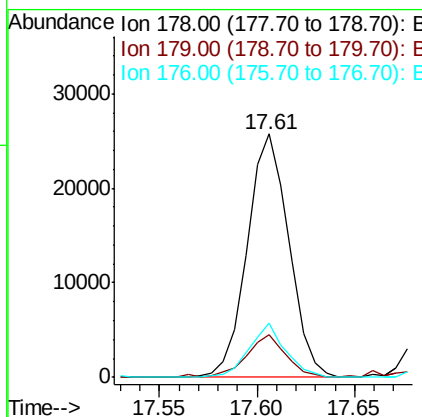
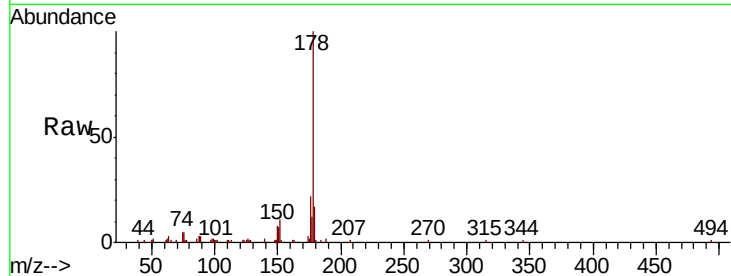
ClientSampleId :

MDL-SOIL-01

Tot Ion:	178	Resp:	37957
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.5	20.3
176	22.1	15.3	22.9

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#74

Anthracene

Concen: 3.396 ng/ul

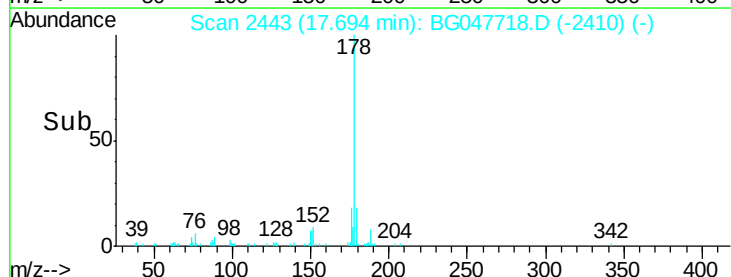
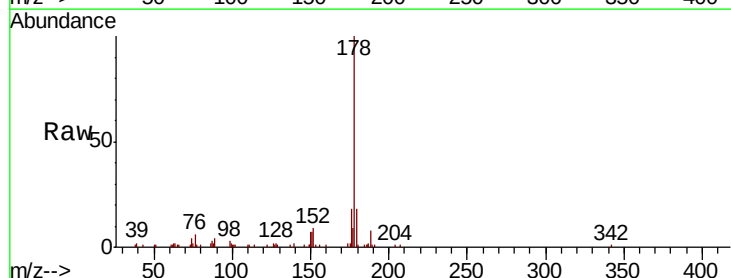
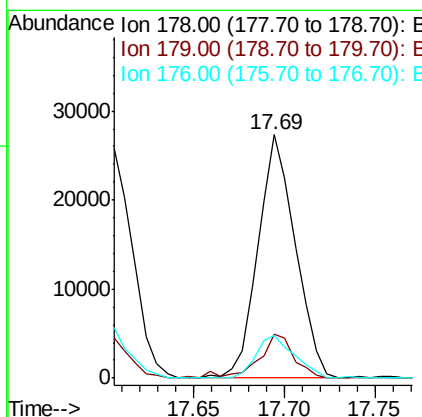
RT: 17.69 min Scan# 2443

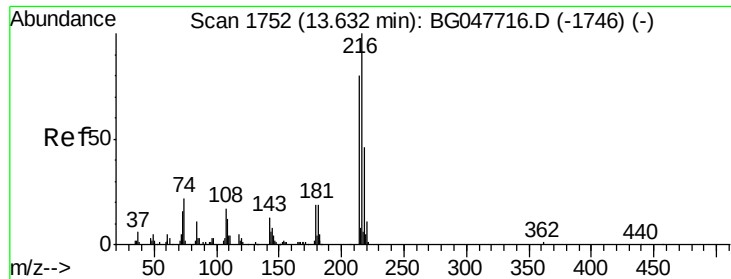
Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	178	Resp:	39096
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.0	18.0
176	17.7	15.4	23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.257 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

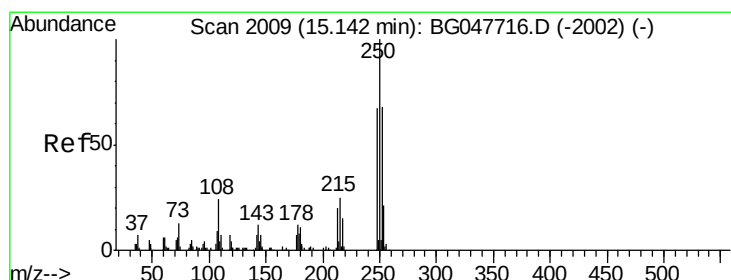
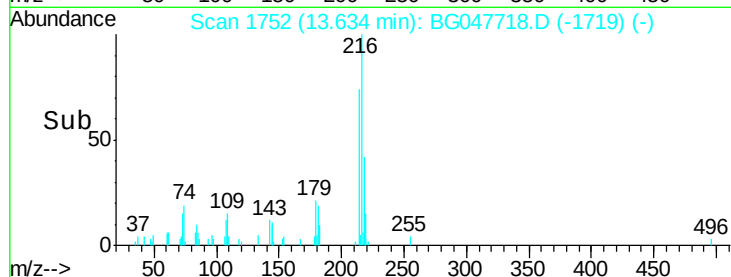
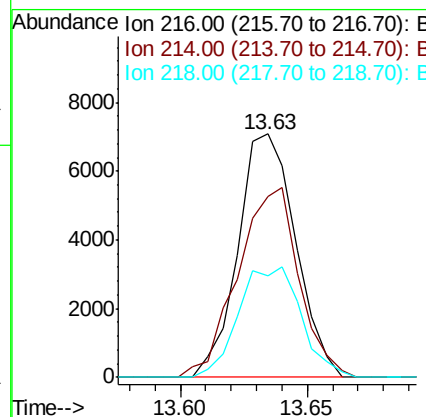
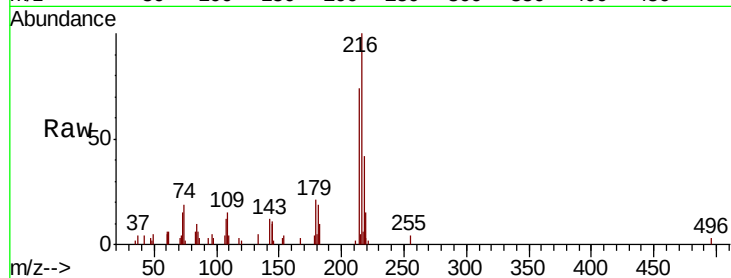
ClientSampleId :

MDL-SOIL-01

Tot Ion:	216	Resp:	11201
Ion Ratio	Lower	Upper	
216	100		
214	74.3	58.6	87.8
218	41.8	40.1	60.1

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#76

Pentachlorobenzene

Concen: 3.628 ng/uL

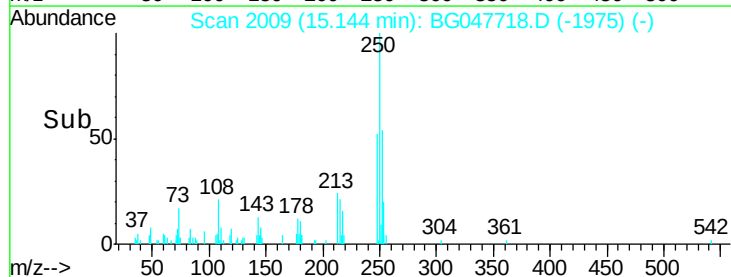
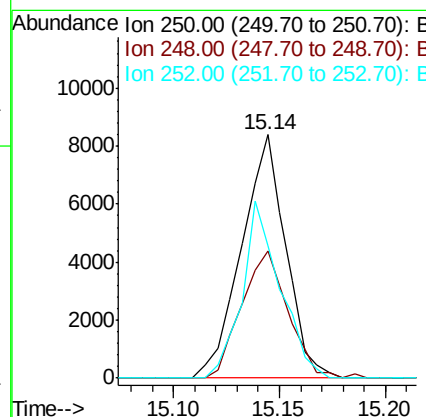
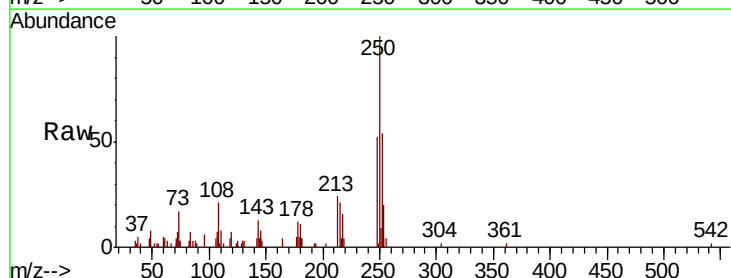
RT: 15.14 min Scan# 2009

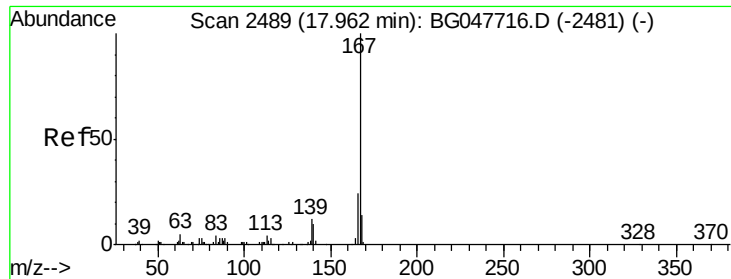
Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	250	Resp:	12177
Ion Ratio	Lower	Upper	
250	100		
248	52.1	49.4	74.0
252	54.2	52.7	79.1





#77

Carbazole

Concen: 3.248 ng/ul

RT: 17.96 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

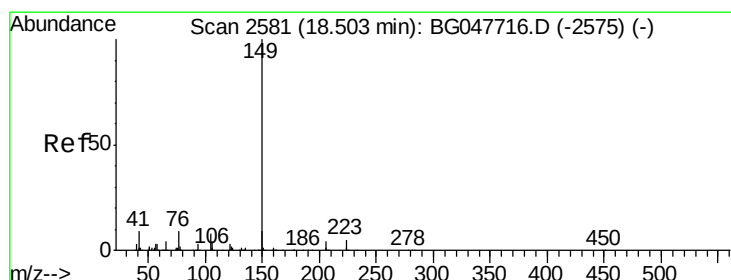
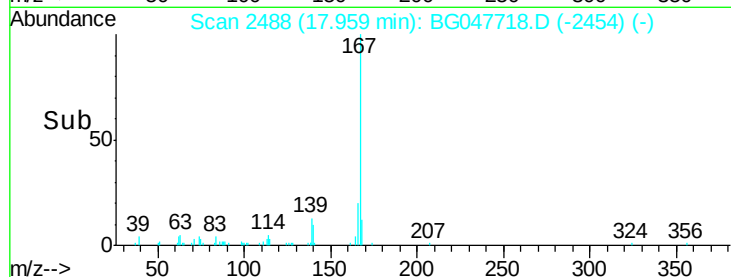
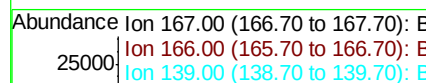
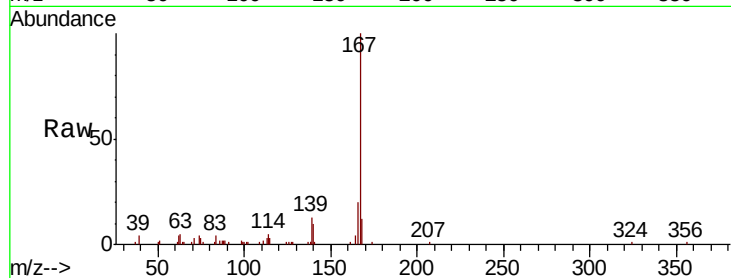
ClientSampleId :

MDL-SOIL-01

Tot Ion:	167	Resp:	30482
Ion Ratio	Lower	Upper	
167	100		
166	20.5	17.6	26.4
139	13.2	10.2	15.2

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#78

Di-n-butylphthalate

Concen: 3.192 ng/ul

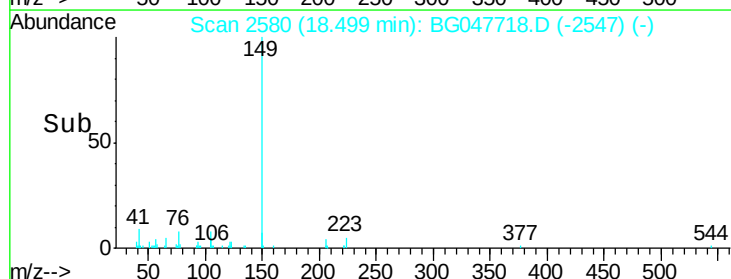
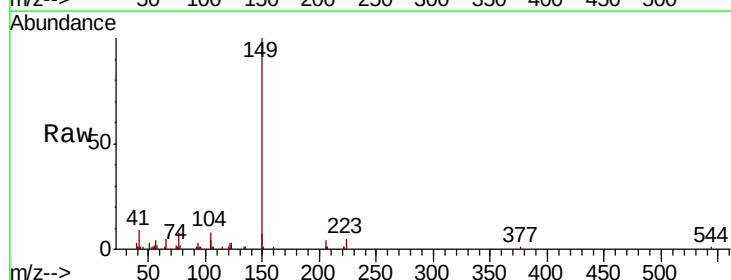
RT: 18.50 min Scan# 2580

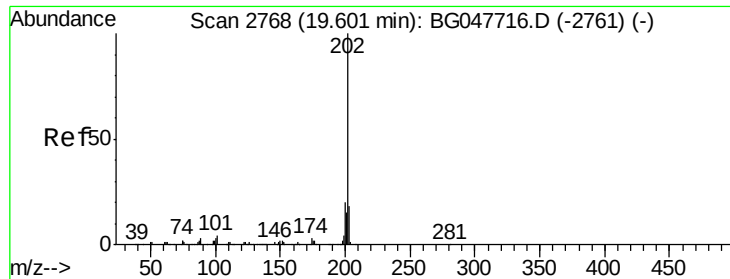
Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	149	Resp:	36738
Ion Ratio	Lower	Upper	
149	100		
150	7.2	7.3	10.9#
104	8.1	7.0	10.6





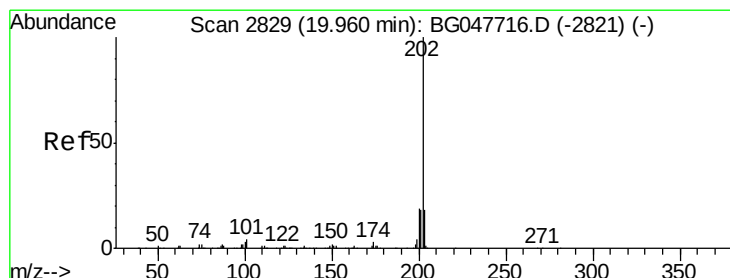
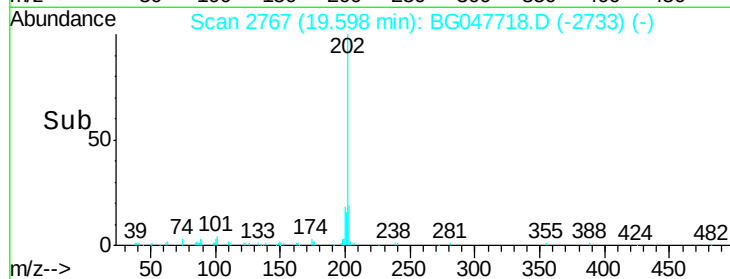
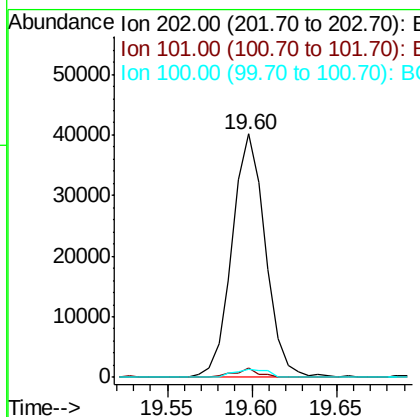
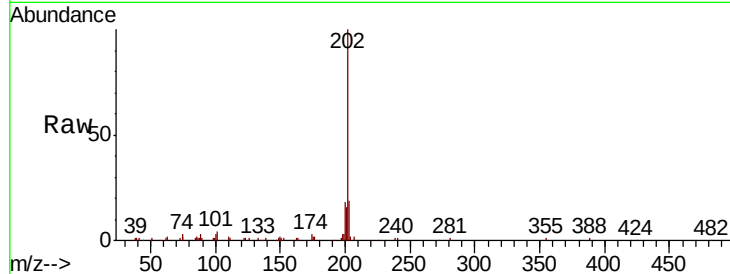
#80
Fluoranthene
Concen: 3.443 ng/ul
RT: 19.60 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion:	202	Resp:	55139
Ion Ratio	Lower	Upper	
202	100		
101	3.7	2.8	4.2
100	3.1	2.3	3.5

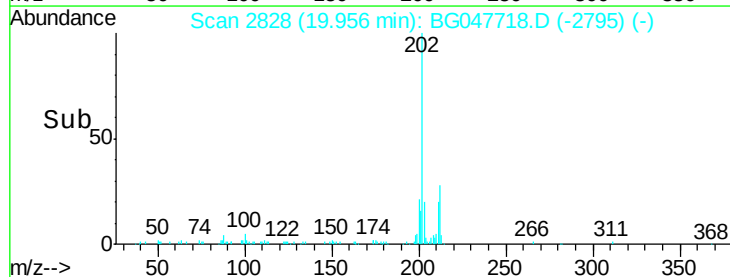
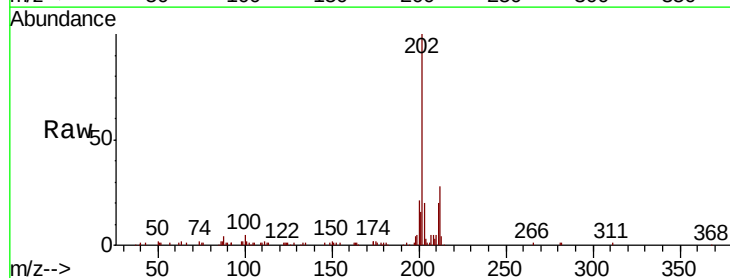
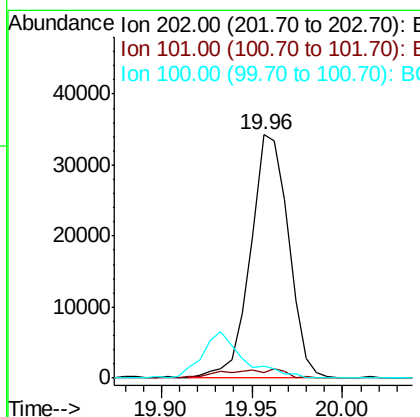
Manual Integrations
APPROVED

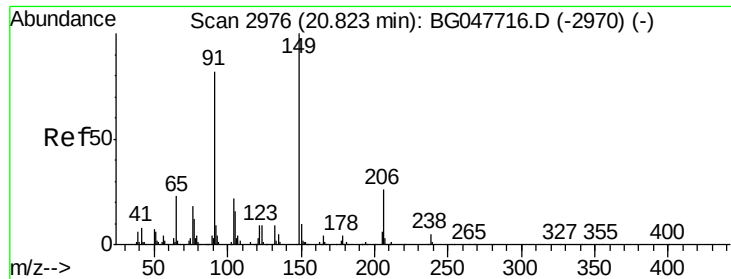
mohammad
12/14/2020 2:44:15 PM



#82
Pyrene
Concen: 3.165 ng/ul
RT: 19.96 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:	202	Resp:	50043
Ion Ratio	Lower	Upper	
202	100		
101	2.4	3.8	5.6#
100	4.7	3.0	4.6#





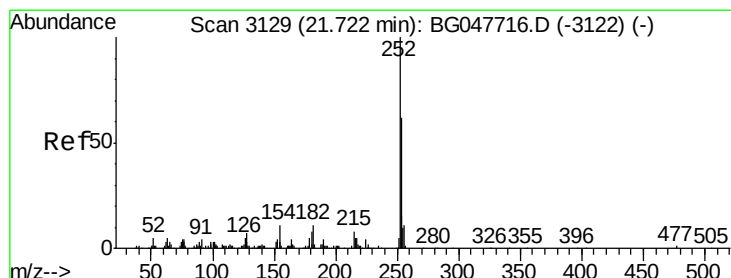
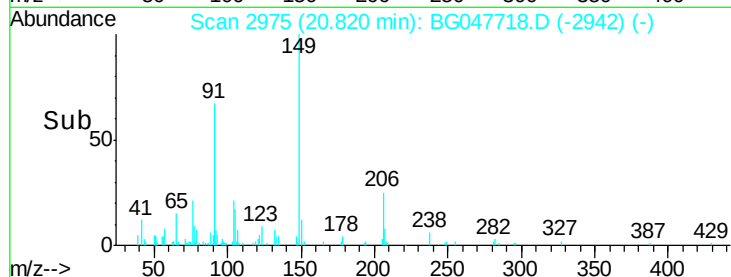
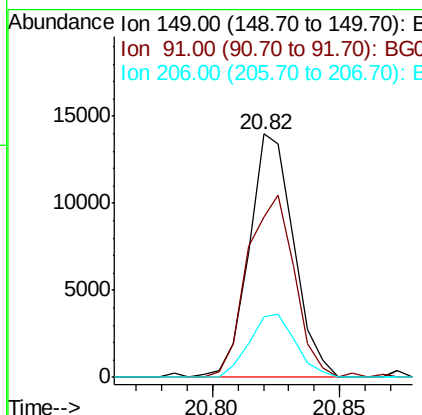
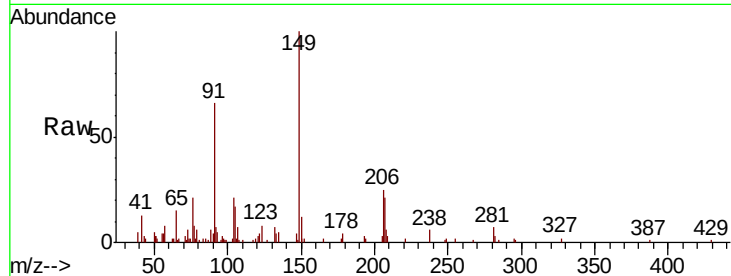
#83
Butylbenzylphthalate
Concen: 3.116 ng/ul
RT: 20.82 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	64.6	97.0
206	25.1	20.3	30.5

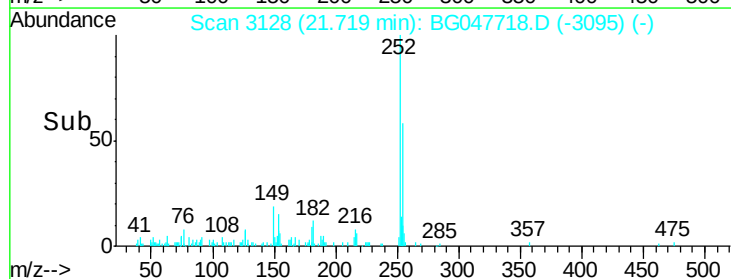
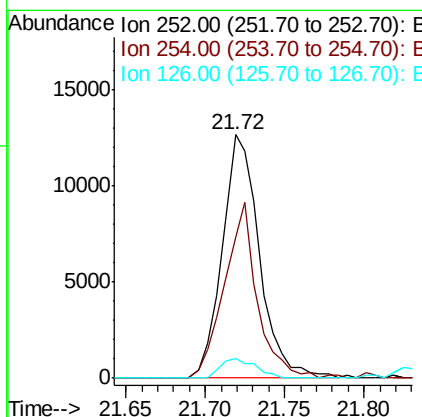
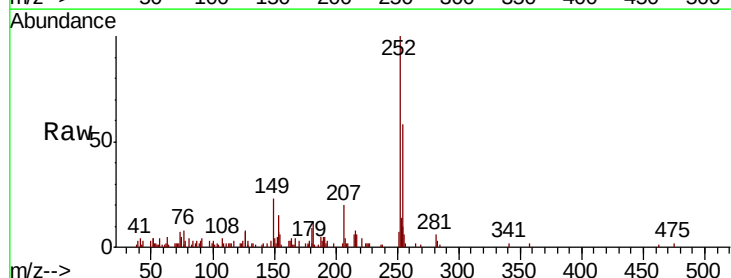
Manual Integrations
APPROVED

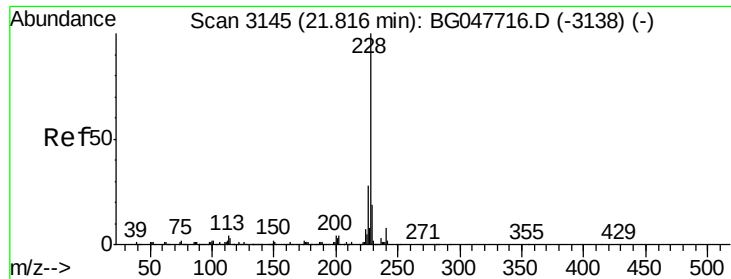
mohammad
12/14/2020 2:44:15 PM



#84
3,3'-Dichlorobenzidine
Concen: 3.560 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	57.7	46.9	70.3
126	8.2	3.8	5.8





#85

Benzo(a)anthracene

Concen: 3.345 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

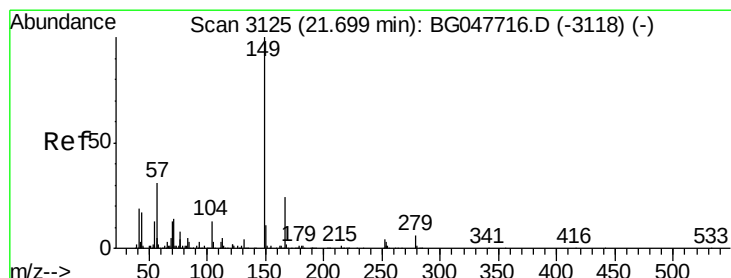
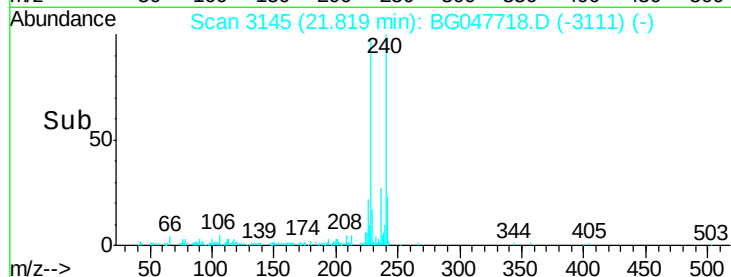
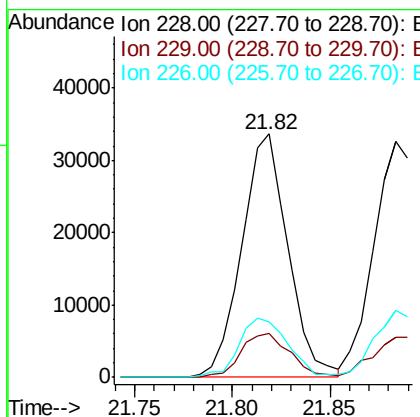
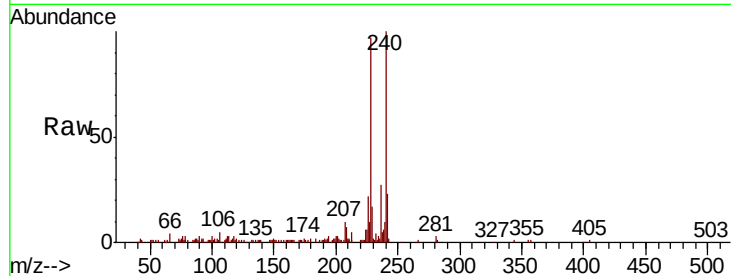
ClientSampleId :

MDL-SOIL-01

Tot Ion:	228	Resp:	55165
Ion	Ratio	Lower	Upper
228	100		
229	18.0	16.2	24.4
226	22.7	20.4	30.6

Manual Integrations
APPROVED

mohammad
12/14/2020 2:44:15 PM



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.118 ng/ul

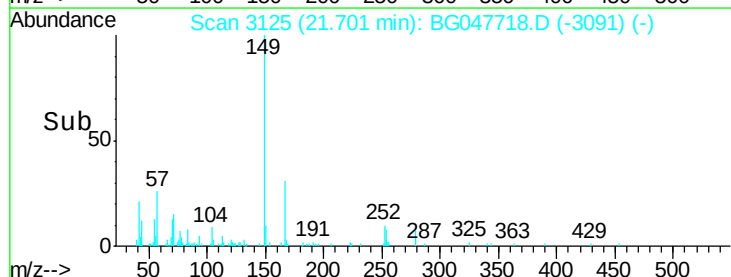
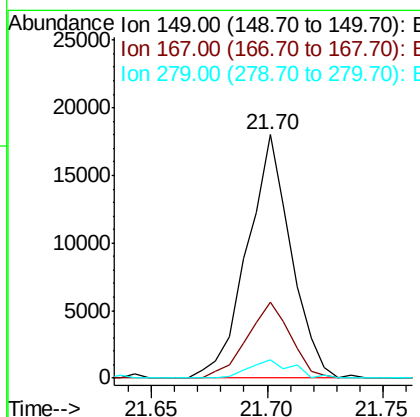
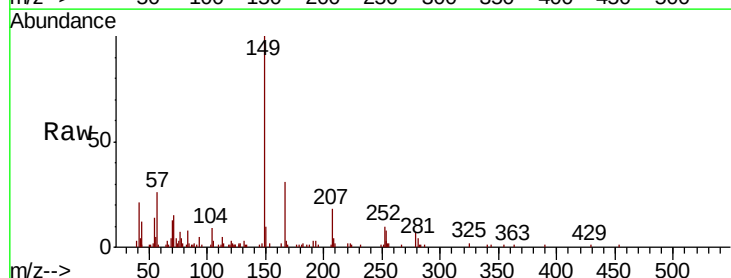
RT: 21.70 min Scan# 3125

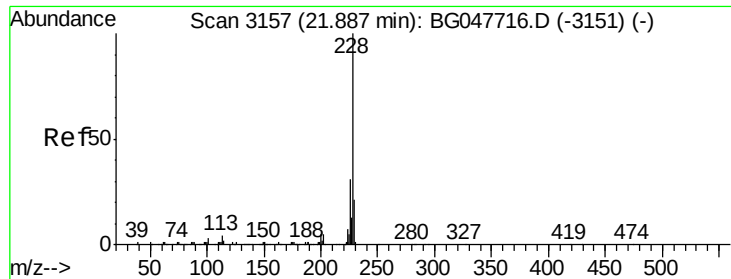
Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:	149	Resp:	23703
Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.1	37.7
279	7.5	5.2	7.8





#87

Chrysene

Concen: 3.479 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

Tot Ion:228 Resp: 54445

Ion Ratio Lower Upper

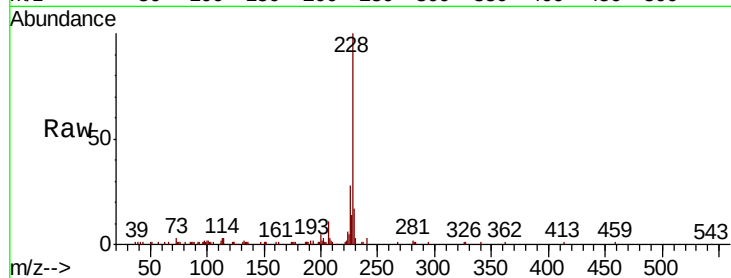
228 100

226 28.4 23.0 34.6

229 17.0 16.2 24.2

Manual Integrations
APPROVED

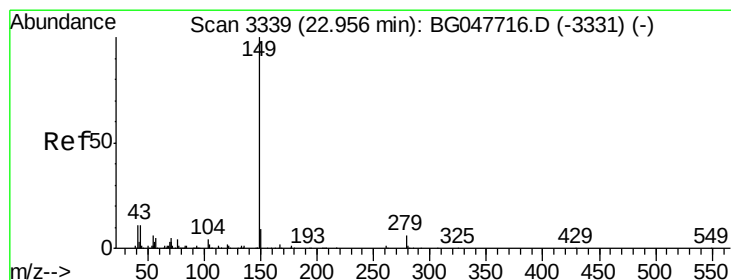
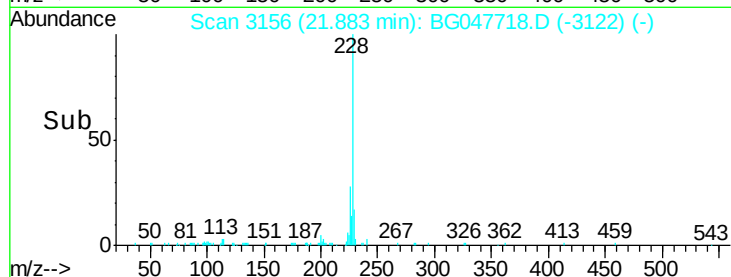
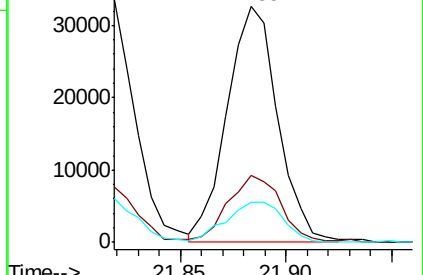
mohammad
12/14/2020 2:44:15 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 3.345 ng/ul

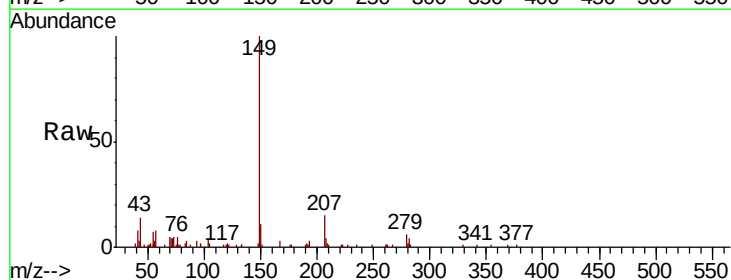
RT: 22.95 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG047718.D

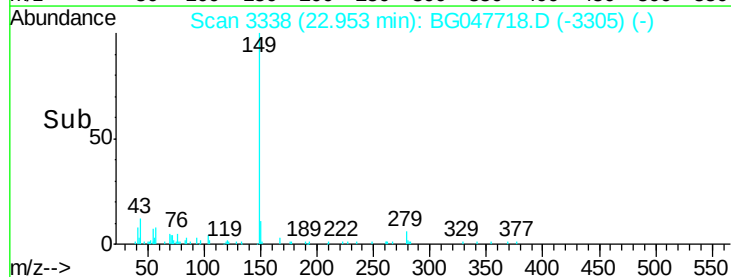
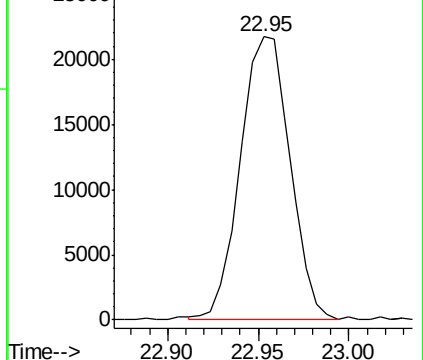
Acq: 11 Dec 2020 17:46

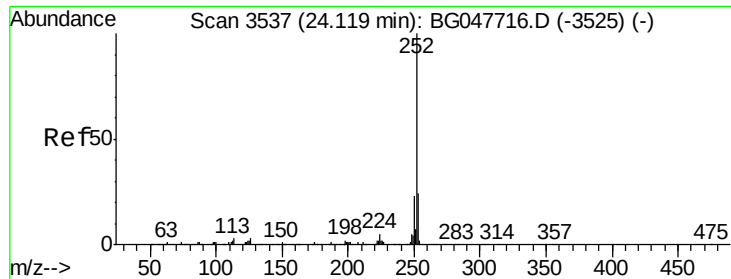
Tgt Ion:149 Resp: 41353



Abundance Ion 149.00 (148.70 to 149.70): E

22.95





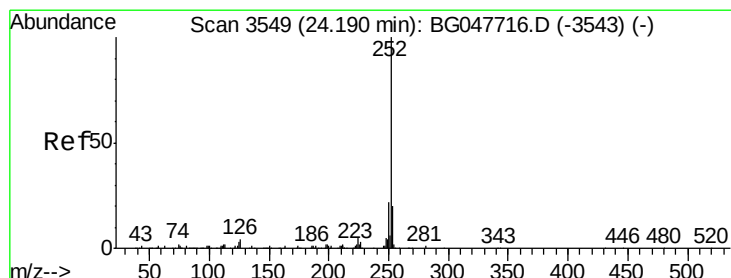
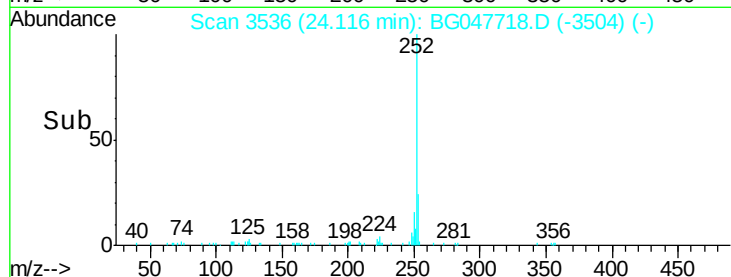
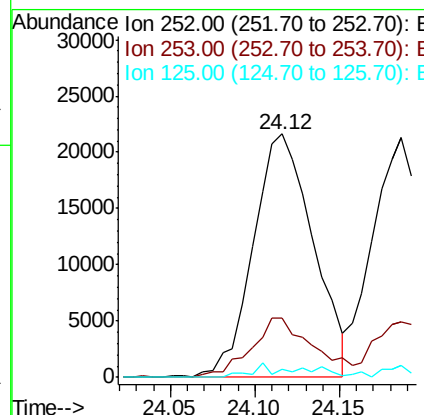
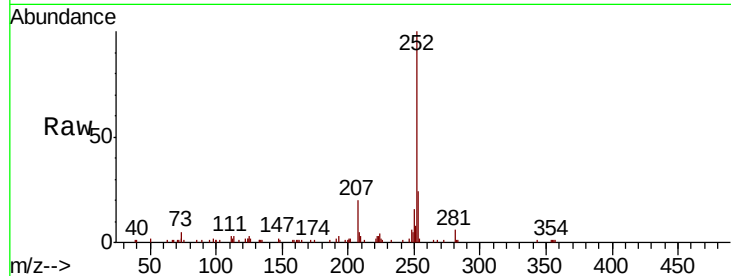
#90
Benzo(b)fluoranthene
Concen: 3.240 ng/ul
RT: 24.12 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.6	24.8
125	3.3	1.8	2.8

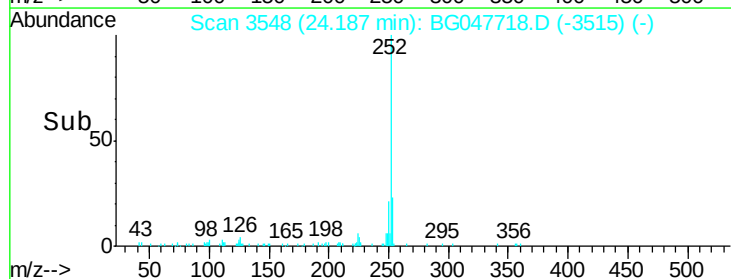
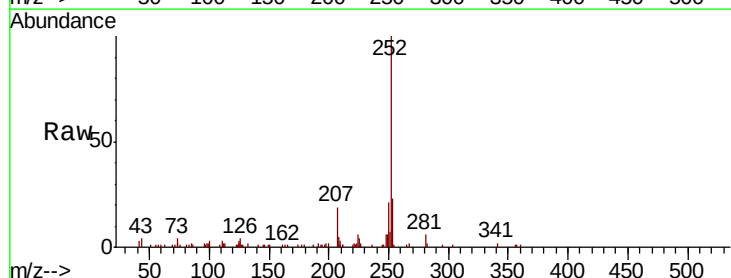
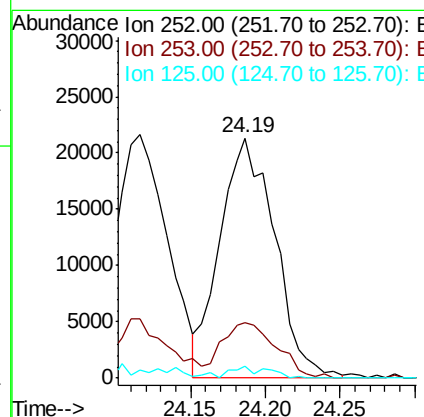
Manual Integrations
APPROVED

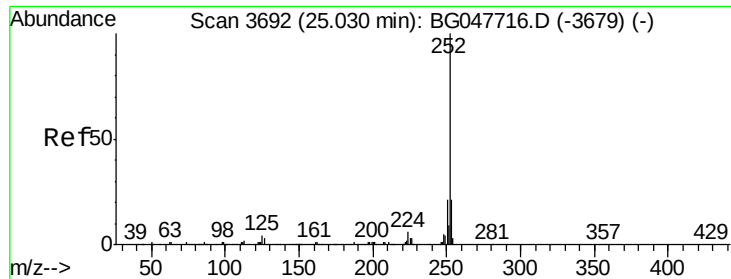
mohammad
12/14/2020 2:44:15 PM



#91
Benzo(k)fluoranthene
Concen: 3.351 ng/ul
RT: 24.19 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	4.9	2.2	3.2





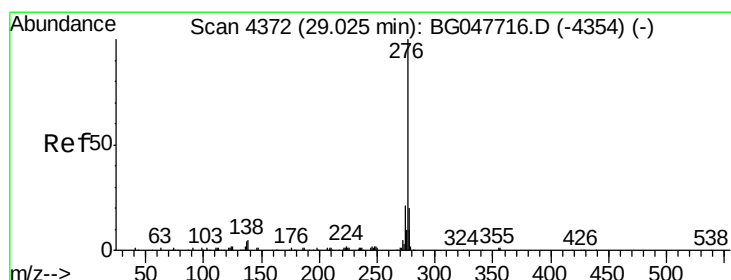
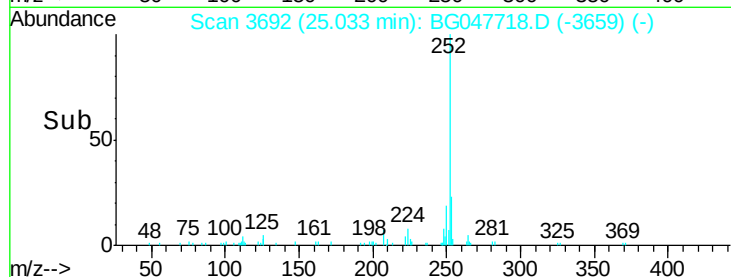
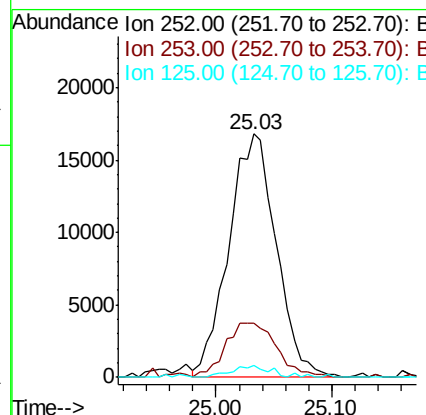
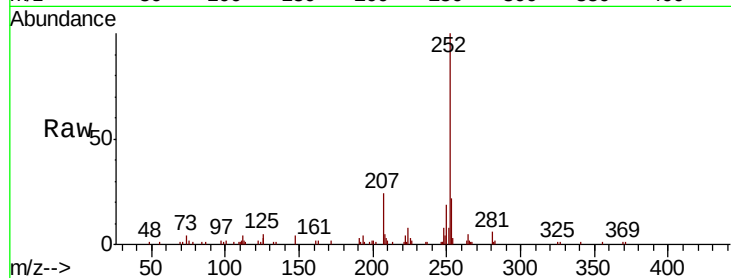
#93
Benzo(a)pyrene
Concen: 3.310 ng/ul
RT: 25.03 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.2	2.6	4.0

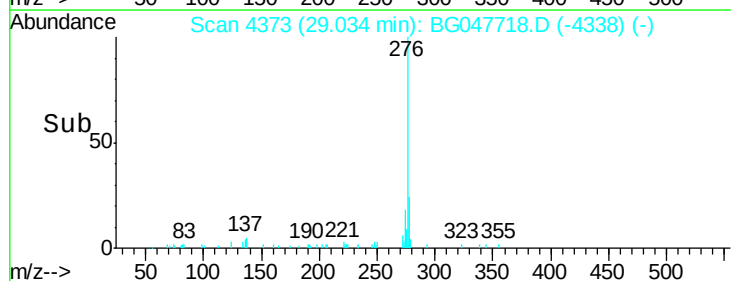
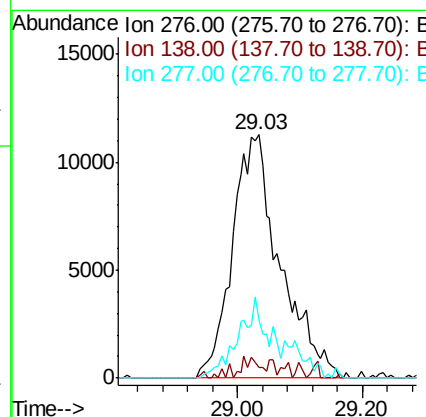
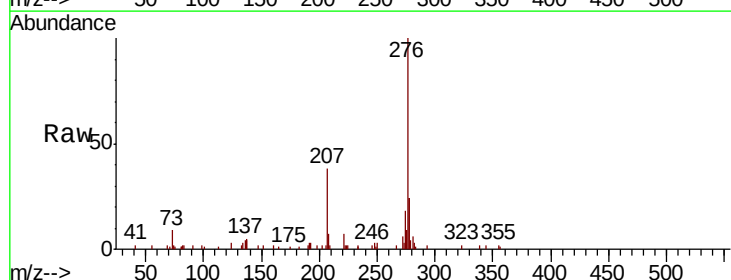
Manual Integrations
APPROVED

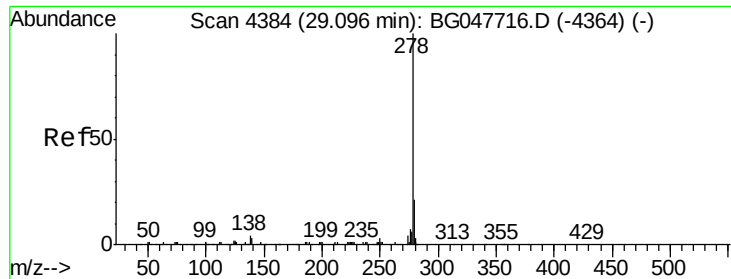
mohammad
12/14/2020 2:44:15 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.335 ng/ul m
RT: 29.03 min Scan# 4373
Delta R.T. 0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.3	5.1	7.7
277	24.1	18.4	27.6





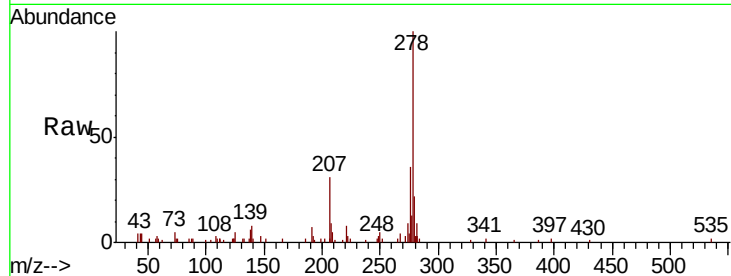
#95
Dibenzo(a,h)anthracene
Concen: 3.488 ng/ul m
RT: 29.08 min Scan# 4381
Delta R.T. -0.02 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	3.5	5.3#
279	22.5	18.6	28.0

Manual Integrations
APPROVED

mohammad
12/14/2020 2:44:15 PM

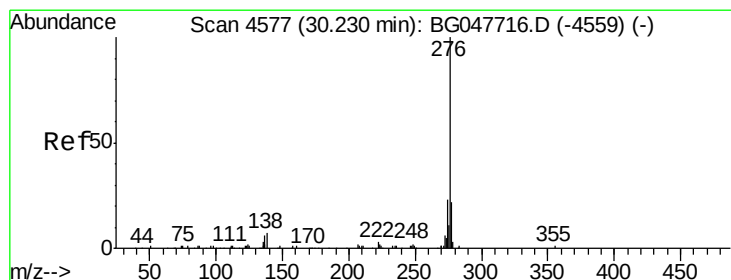
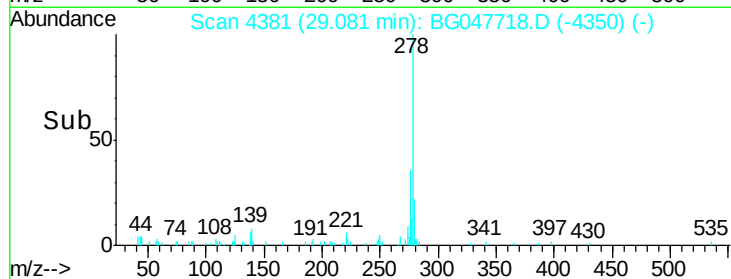
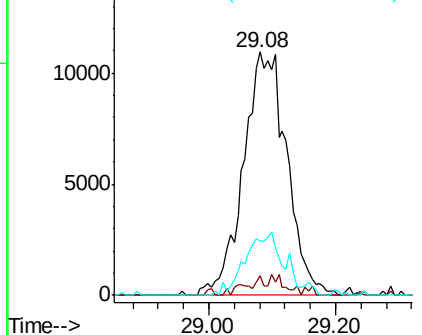


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96
Benzo(g,h,i)perylene
Concen: 3.436 ng/ul m
RT: 30.23 min Scan# 4577
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	4.2	6.4#
277	27.9	16.0	24.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

