

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
 Data File : BG047744.D
 Acq On : 15 Dec 2020 12:54
 Operator : CG/JU
 Sample : L4485-18
 Misc : ME-SOIL-04
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:23:22 AM

Quant Time: Dec 15 13:32:09 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	8.20	152	28937	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	112661	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	85165	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	221947	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	254141	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	256296	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	2983	4.54	ng/uL	0.00
4) Pyridine-d5	3.96	84	42416	22.72	ng/ul	0.00
7) Phenol-d5	7.34	99	71579	29.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	40985	32.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	55467	30.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	60137	32.57	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	27805	29.33	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	33877	31.39	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	65807	28.87	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	77980	29.40	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	222014	31.59	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	268088	33.35	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	29692	27.74	ng/ul	0.00
60) Fluorene-d10	15.81	176	202097	30.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	42058	27.69	ng/ul	0.00
73) Anthracene-d10	17.66	188	334862m	31.03	ng/ul	0.00
81) Pyrene-d10	19.93	212	418586	30.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	419274	29.15	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.54	88	588m	0.866	ng/uL
5) Pyridine	3.98	79	5684m	3.246	ng/ul
6) Benzaldehyde	7.33	77	6112m	5.480	ng/ul
8) Phenol	7.37	94	6089	2.553	ng/ul 92
10) Bis(2-Chloroethyl)ether	7.60	93	5039	3.037	ng/ul# 86
12) 2-Chlorophenol	7.76	128	4697	2.579	ng/ul# 94
13) 2-Methylphenol	8.64	108	5217	2.875	ng/ul# 71
14) 2,2'-oxybis(1-Chloropropan	8.73	45	4097m	2.653	ng/ul
16) Acetophenone	9.03	105	8518	2.747	ng/ul# 89
17) N-Nitroso-di-n-propylamine	9.00	70	5757	3.381	ng/ul# 92
18) 4-Methylphenol	8.96	108	5117m	2.569	ng/ul
19) Hexachloroethane	9.30	117	2561	2.872	ng/ul# 72
22) Nitrobenzene	9.41	77	8697	3.081	ng/ul# 94
23) Isophorone	9.93	82	13849	2.825	ng/ul# 90
25) 2-Nitrophenol	10.13	139	3070m	2.723	ng/ul
26) 2,4-Dimethylphenol	10.18	107	7137	2.696	ng/ul# 87
27) Bis(2-Chloroethoxy)methane	10.41	93	6252	2.672	ng/ul# 62
29) 2,4-Dichlorophenol	10.67	162	5545	2.652	ng/ul# 83
30) Naphthalene	11.08	128	17416	2.798	ng/ul# 91
32) 4-Chloroaniline	11.18	127	7327	2.889	ng/ul 90
33) Hexachlorobutadiene	11.36	225	6259	2.787	ng/ul# 82
34) Caprolactam	11.95	113	1920m	2.711	ng/ul

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 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)
35) 4-Chloro-3-methylphenol	12.27	107	6544	2.839	ng/ul	90
36) 2-Methylnaphthalene	12.67	142	12471	2.655	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	13144	2.929	ng/ul#	88
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	10888	3.104	ng/ul#	74
40) Hexachlorocyclopentadiene	13.01	237	4904	2.133	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.26	196	6106	2.903	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.34	196	5898	2.648	ng/ul#	86
43) 1,1'-Biphenyl	13.66	154	18268	2.777	ng/ul	95
44) 2-Chloronaphthalene	13.71	162	14637	2.827	ng/ul	98
45) 2-Nitroaniline	13.90	65	4810	2.704	ng/ul#	73
47) Dimethylphthalate	14.26	163	21057	2.924	ng/ul#	93
48) 2,6-Dinitrotoluene	14.39	165	3880	2.550	ng/ul#	80
50) Acenaphthylene	14.55	152	21079	2.783	ng/ul	94
51) 3-Nitroaniline	14.72	138	3058	2.799	ng/ul#	87
52) Acenaphthene	14.89	153	16036	2.979	ng/ul	98
53) 2,4-Dinitrophenol	14.94	184	786	0.871	ng/ul#	54
55) 4-Nitrophenol	15.00	109	4592	2.530	ng/ul#	64
56) Dibenzofuran	15.22	168	22073	2.831	ng/ul	91
57) 2,4-Dinitrotoluene	15.17	165	5776	2.649	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.45	232	4844	2.348	ng/ul#	74
59) Diethylphthalate	15.61	149	19749	2.770	ng/ul	99
61) Fluorene	15.86	166	20328	3.033	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.85	204	12813	3.057	ng/ul#	89
63) 4-Nitroaniline	15.87	138	3884	3.781	ng/ul#	47
66) 4,6-Dinitro-2-methylphenol	15.93	198	3968	2.573	ng/ul#	83
67) N-Nitrosodiphenylamine	16.06	169	17205	2.786	ng/ul	96
68) 4-Bromophenyl-phenylether	16.74	248	7906	2.774	ng/ul#	75
69) Hexachlorobenzene	16.87	284	9321	2.980	ng/ul#	88
70) Atrazine	16.99	200	7695	2.616	ng/ul#	88
71) Pentachlorophenol	17.21	266	1710m	1.163	ng/ul	
72) Phenanthrene	17.60	178	35036	2.907	ng/ul	95
74) Anthracene	17.69	178	34321	2.851	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	11507	3.199	ng/uL	92
76) Pentachlorobenzene	15.14	250	10722	3.055	ng/uL#	87
77) Carbazole	17.96	167	28243	2.878	ng/ul	95
78) Di-n-butylphthalate	18.50	149	34384	2.856	ng/ul	96
80) Fluoranthene	19.60	202	47669	2.737	ng/ul	100
82) Pyrene	19.95	202	49518	2.880	ng/ul#	95
83) Butylbenzylphthalate	20.82	149	14984	2.498	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.72	252	18634	2.978	ng/ul#	94
85) Benzo(a)anthracene	21.81	228	50220	2.800	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	24121	2.917	ng/ul	94
87) Chrysene	21.88	228	48150	2.829	ng/ul	96
89) Di-n-octyl phthalate	22.95	149	38202	2.832	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	50361	2.811	ng/ul#	89
91) Benzo(k)fluoranthene	24.18	252	51630	2.917	ng/ul#	95
93) Benzo(a)pyrene	25.02	252	46743	2.959	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.01	276	57289m	2.930	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	48420m	2.982	ng/ul	
96) Benzo(g,h,i)perylene	30.21	276	45210m	2.808	ng/ul	

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

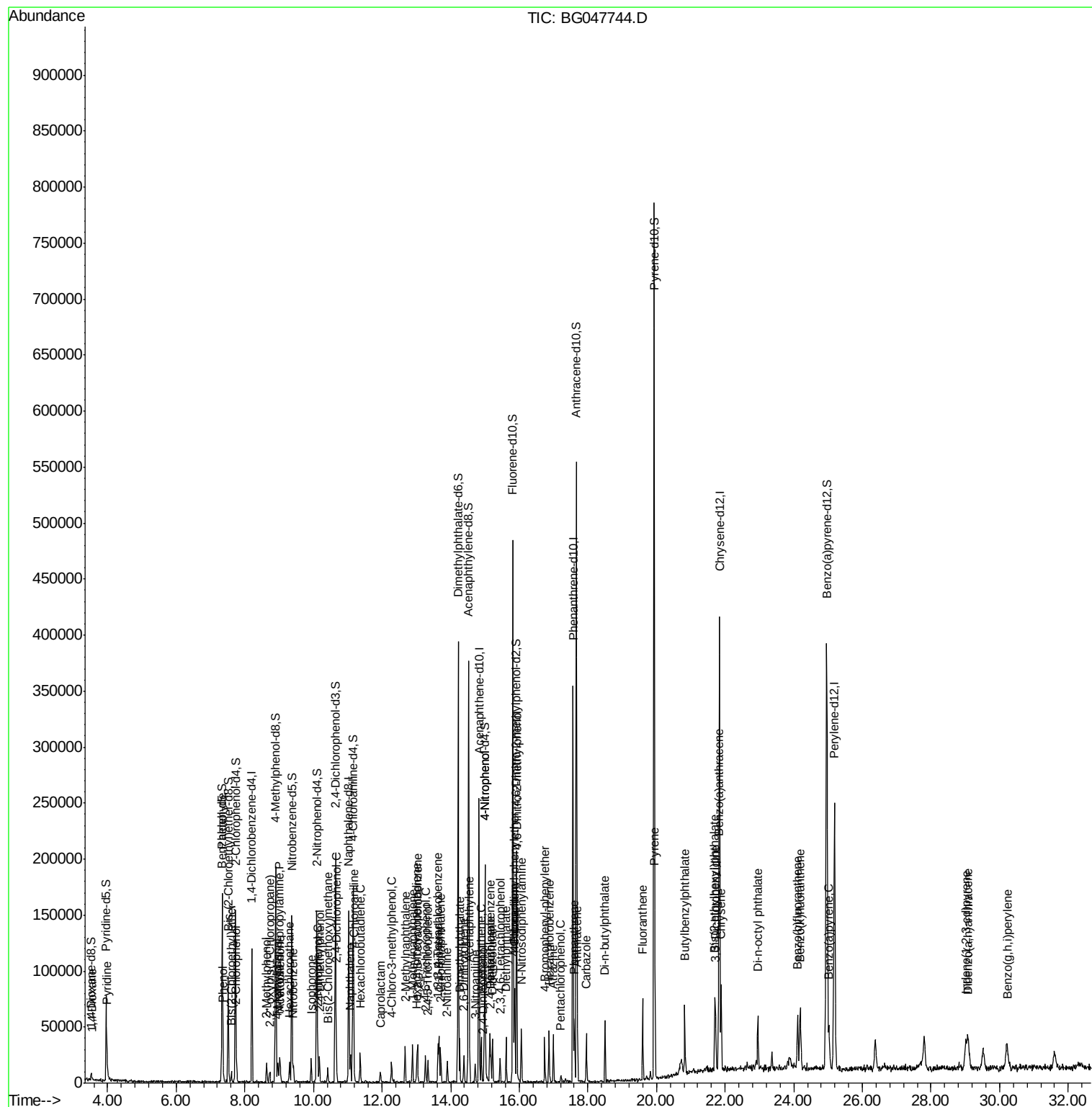
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
Data File : BG047744.D
Acq On : 15 Dec 2020 12:54
Operator : CG/JU
Sample : L4485-18
Misc : ME-SOIL-04
ALS Vial : 8 Sample Multiplier: 1

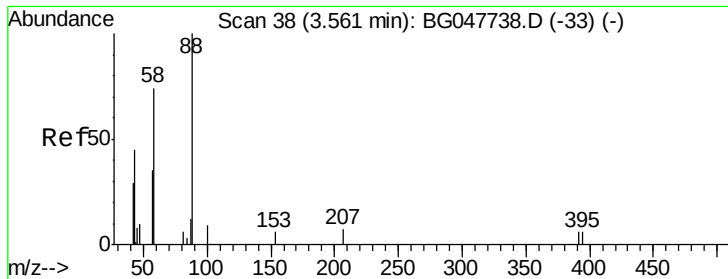
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.866 ng/uL m

RT: 3.54 min Scan# 35

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

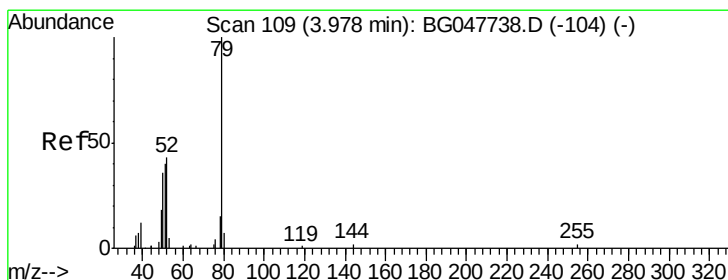
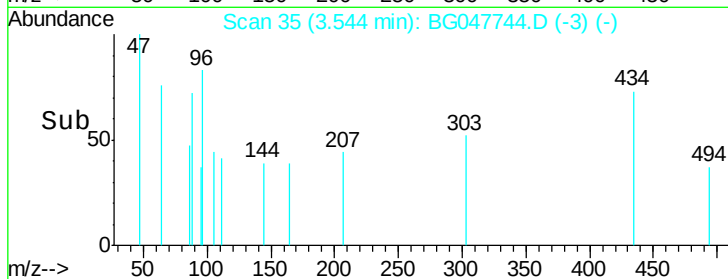
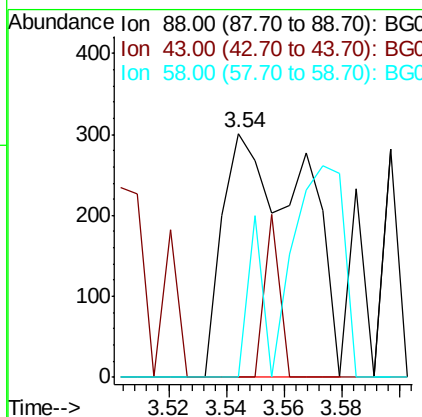
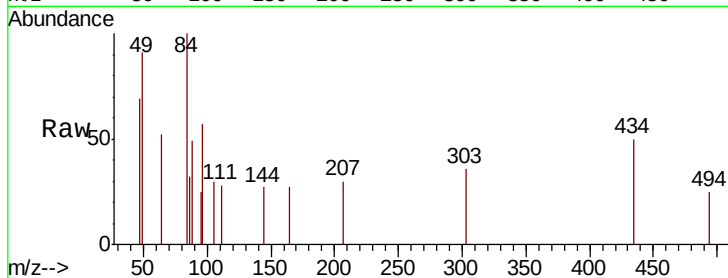
ClientSampled :

MDL-ME-SOIL-04

Tot Ion:	88	Resp:	588
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: 3.246 ng/uL m

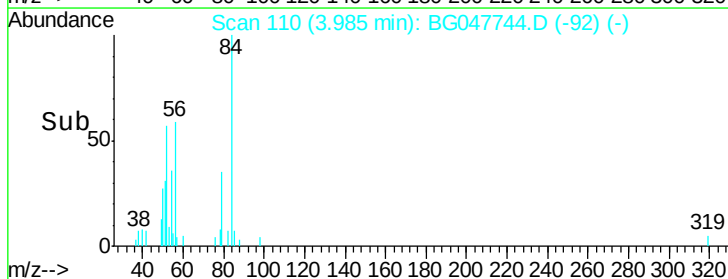
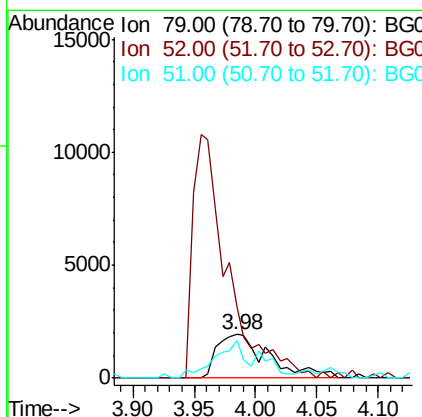
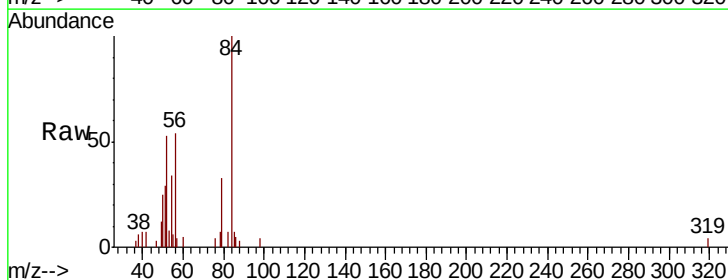
RT: 3.98 min Scan# 110

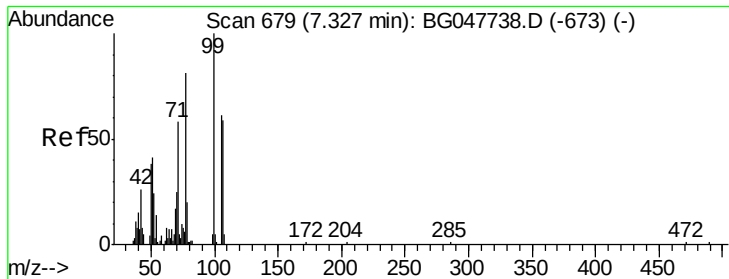
Delta R.T. 0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	79	Resp:	5684
Ion Ratio	Lower	Upper	
79	100		
52	161.5	60.8	91.2#
51	87.2	42.4	63.6#





#6

Benzaldehyde

Concen: 5.480 ng/ul m

RT: 7.33 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

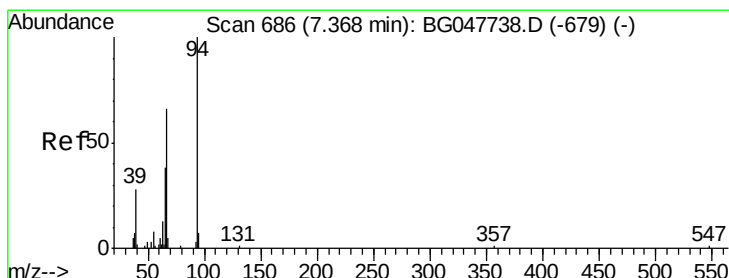
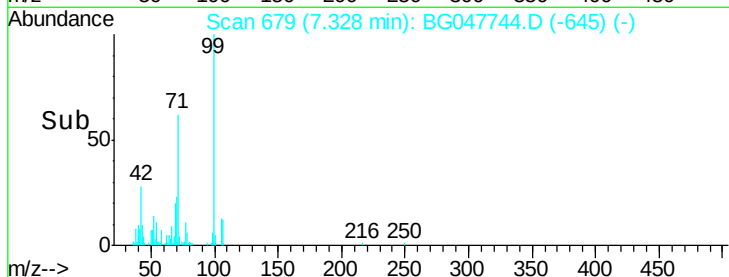
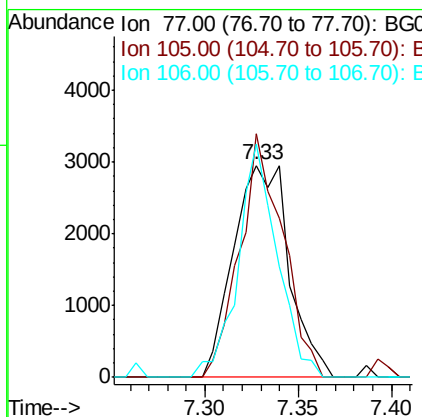
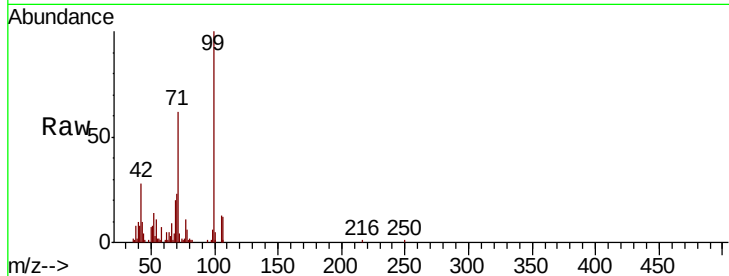
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	77	Resp:	6112
Ion	Ratio	Lower	Upper
77	100		
105	114.9	67.9	101.9#
106	110.2	68.1	102.1#

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#8

Phenol

Concen: 2.553 ng/ul

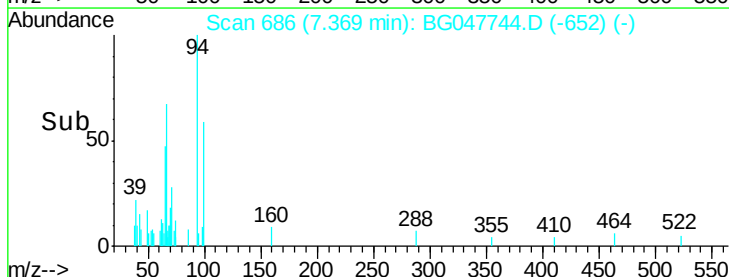
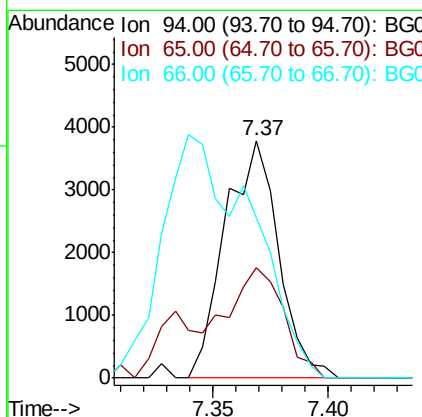
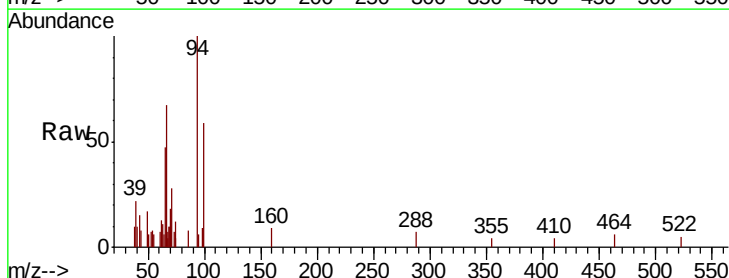
RT: 7.37 min Scan# 686

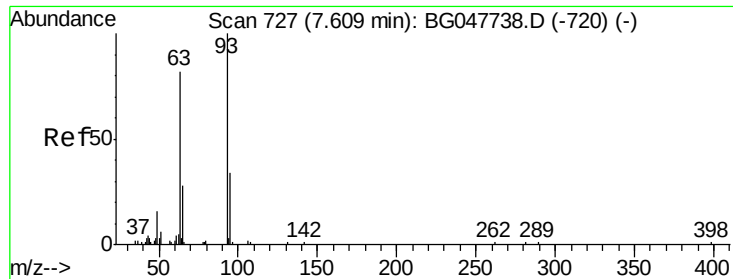
Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	94	Resp:	6089
Ion	Ratio	Lower	Upper
94	100		
65	46.7	37.2	55.8
66	67.4	63.2	94.8





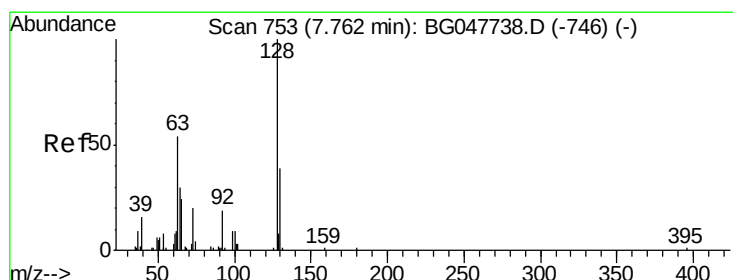
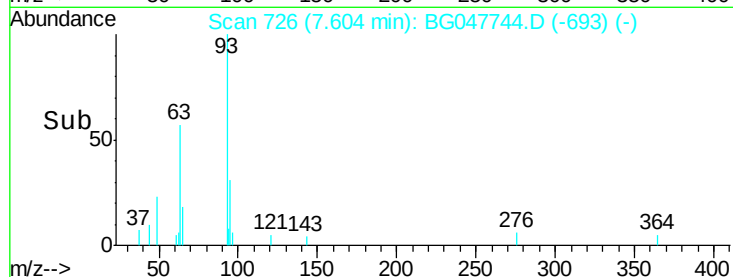
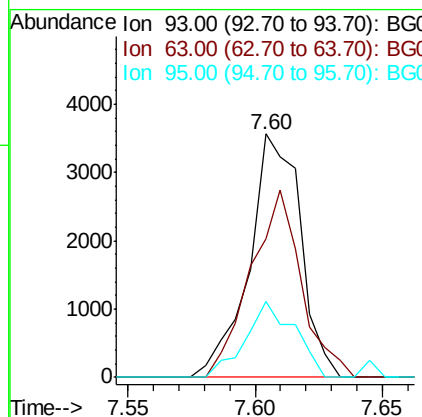
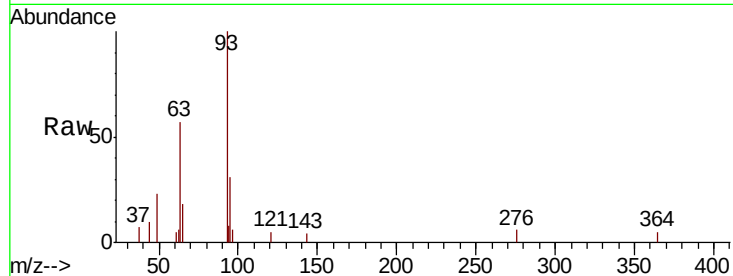
#10
Bis(2-Chloroethyl)ether
Concen: 3.037 ng/ul
RT: 7.60 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG047744.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
93	100		
63	57.1	58.2	87.4#
95	31.3	23.4	35.2

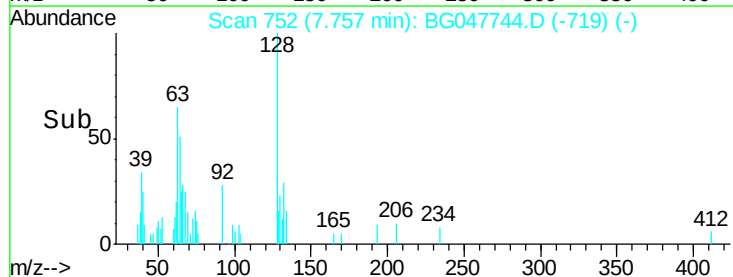
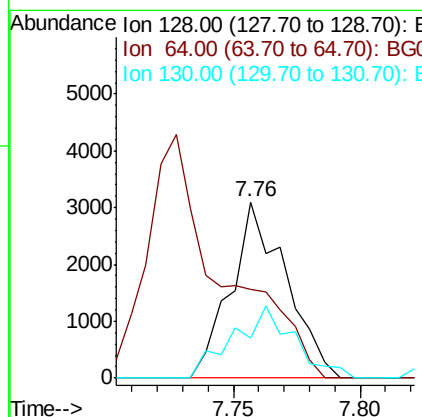
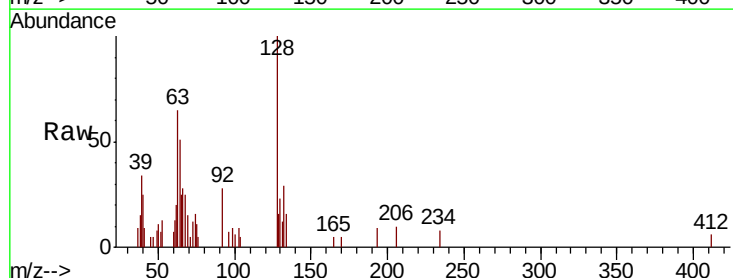
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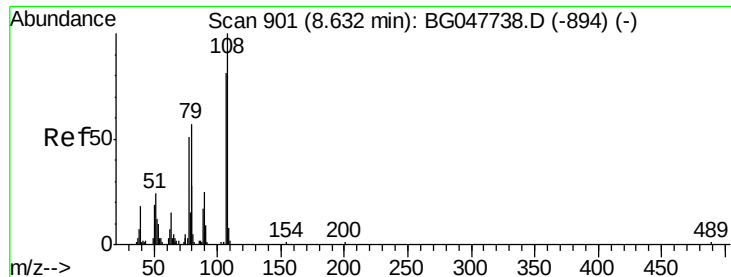
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#12
2-Chlorophenol
Concen: 2.579 ng/ul
RT: 7.76 min Scan# 752
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
128	100		
64	50.6	40.2	60.2
130	22.6	24.6	36.8#





#13

2-Methylphenol

Concen: 2.875 ng/ul

RT: 8.64 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:108 Resp: 5217

Ion Ratio Lower Upper

108 100

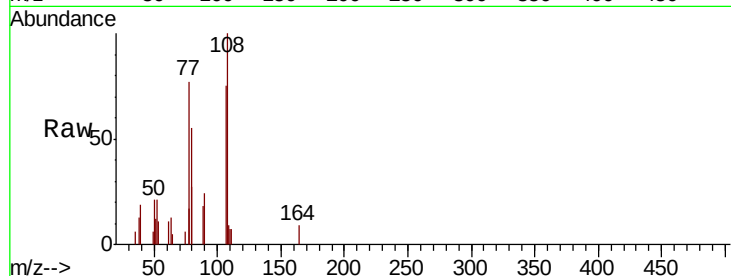
107 74.5 83.8 125.6#

Manual Integrations

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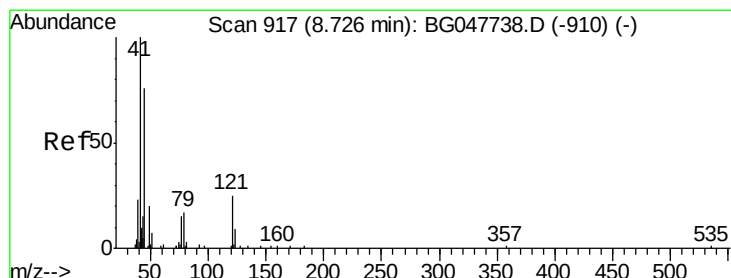
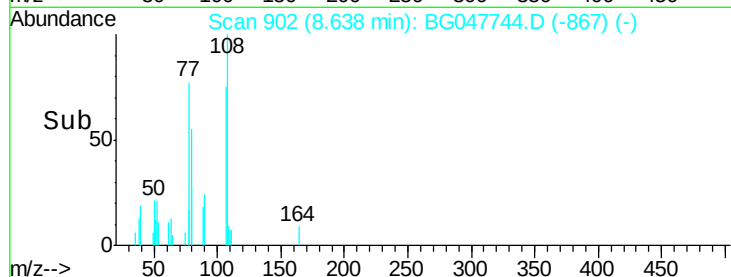
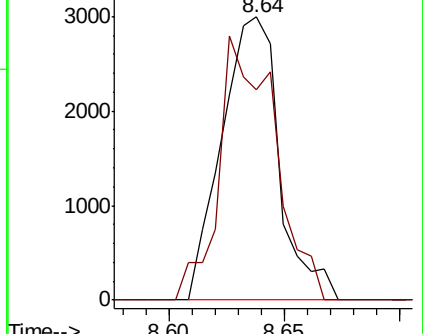
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.653 ng/ul m

RT: 8.73 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

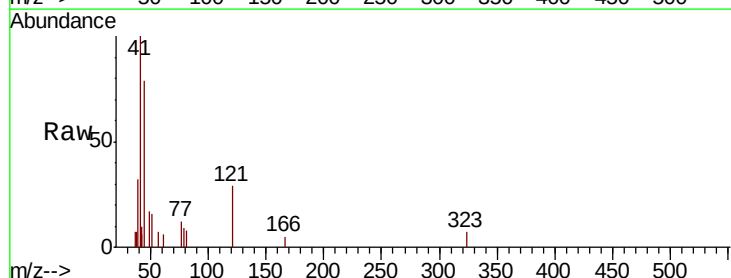
Tgt Ion: 45 Resp: 4097

Ion Ratio Lower Upper

45 100

77 15.1 18.3 27.5#

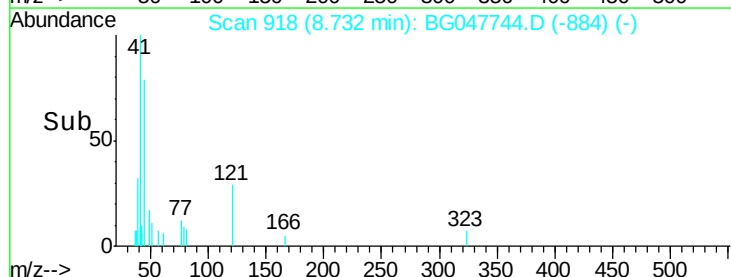
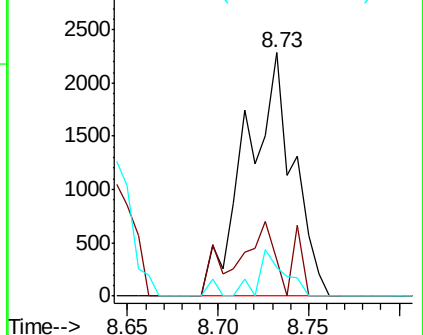
79 11.7 17.0 25.6#

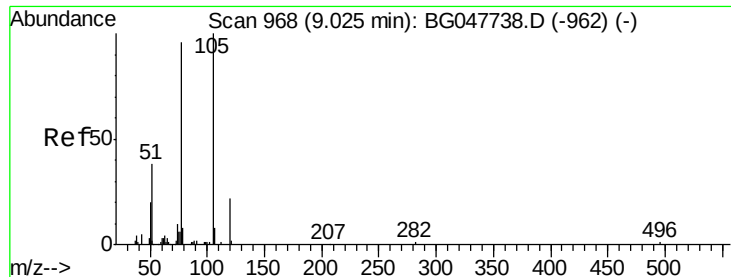


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





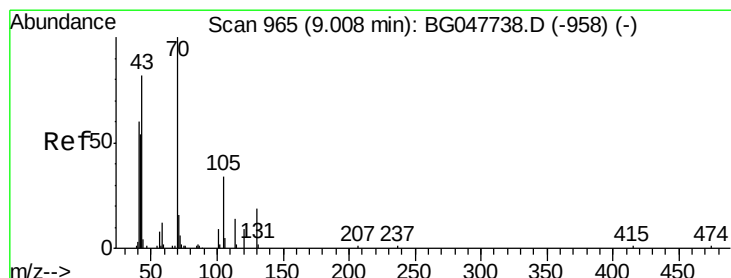
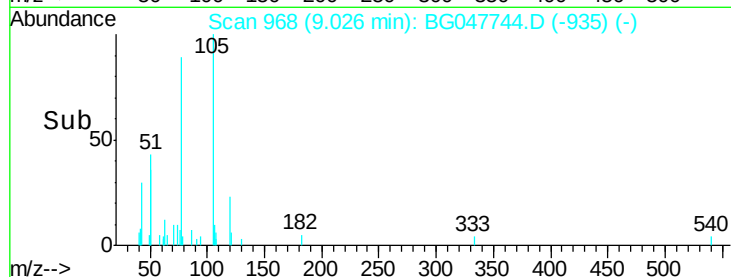
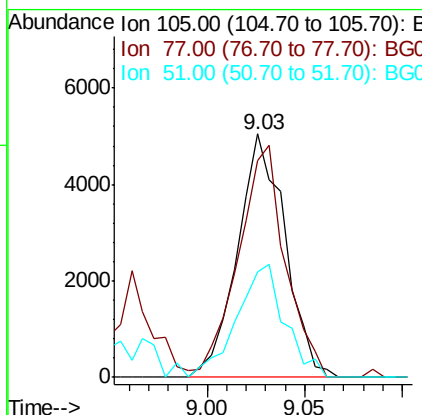
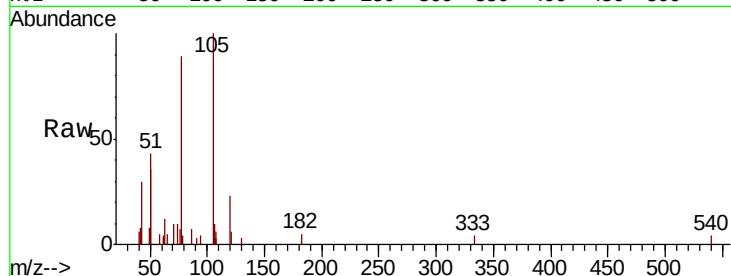
#16
Acetophenone
Concen: 2.747 ng/ul
RT: 9.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
105	100		
77	89.0	64.5	96.7
51	43.4	27.7	41.5#

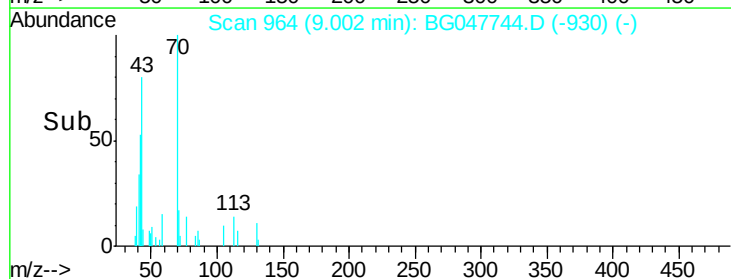
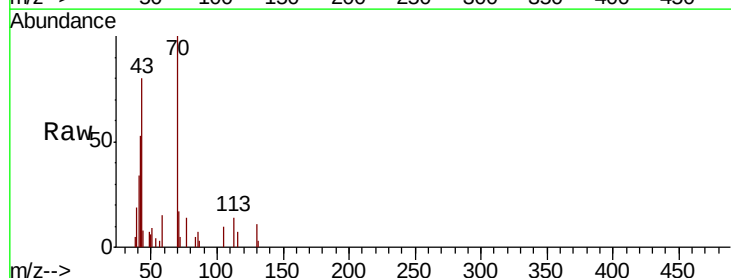
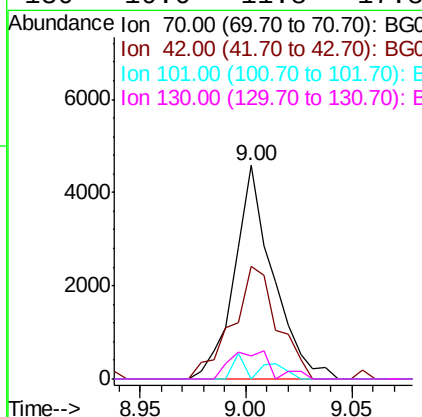
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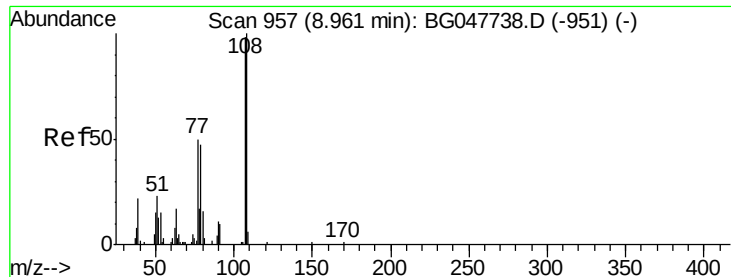
mohammad
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#17
N-Nitroso-di-n-propylamine
Concen: 3.381 ng/ul
RT: 9.00 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.0	45.0	67.6
101	0.0	7.0	10.4#
130	10.6	11.8	17.8#





#18

4-Methylphenol

Concen: 2.569 ng/ul m

RT: 8.96 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:108 Resp: 5117

Ion Ratio Lower Upper

108 100

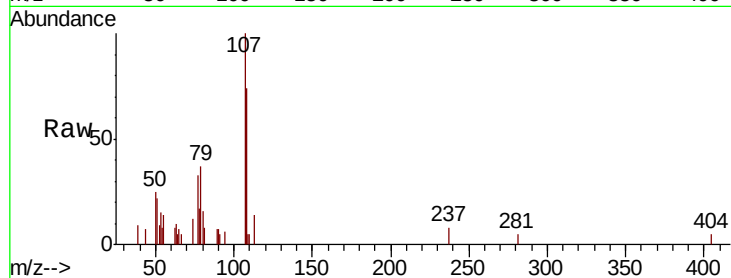
107 134.9 87.4 131.0#

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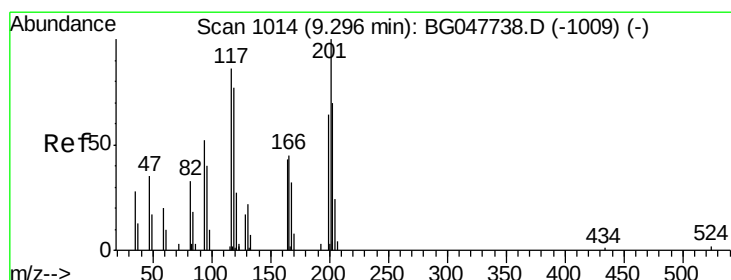
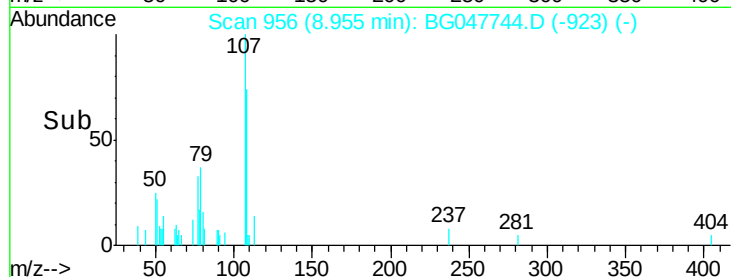
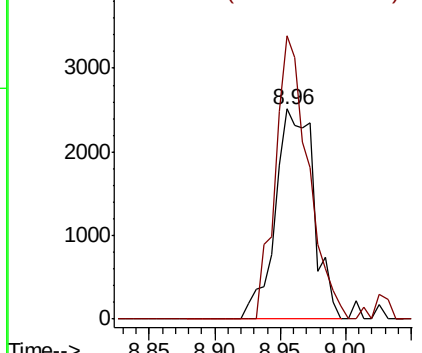
mohammad

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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: 2.872 ng/ul

RT: 9.30 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

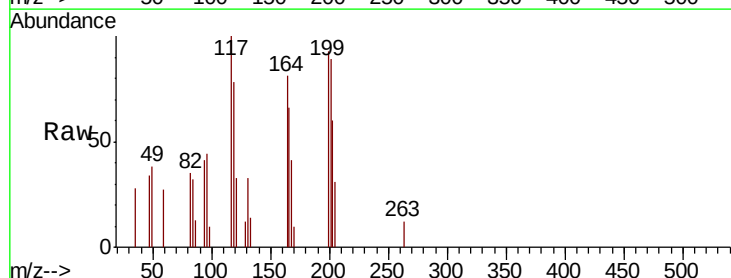
Tgt Ion:117 Resp: 2561

Ion Ratio Lower Upper

117 100

201 89.0 96.7 145.1#

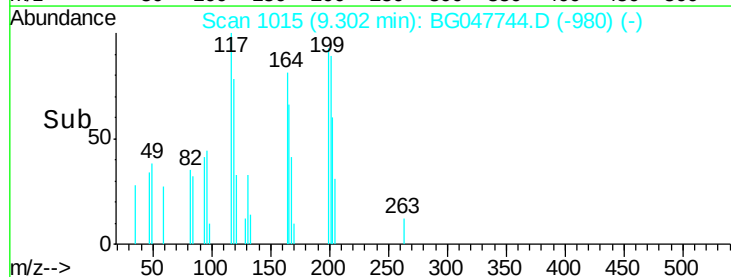
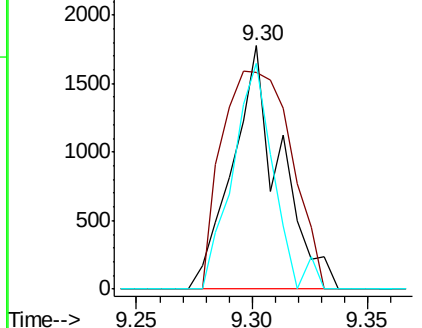
199 92.9 56.6 85.0#

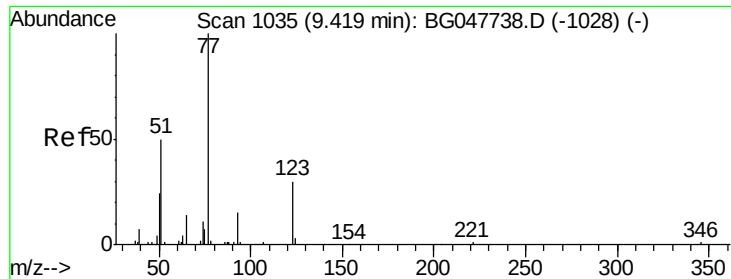


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





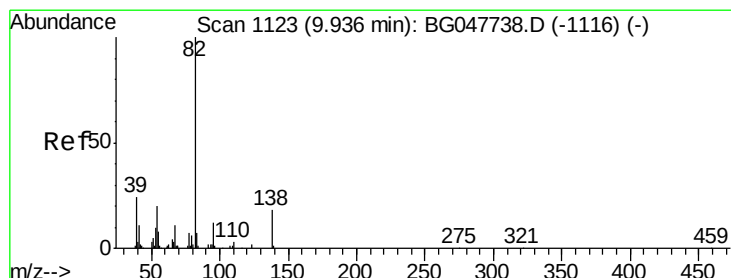
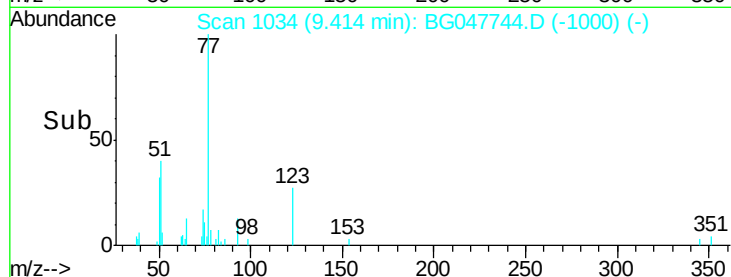
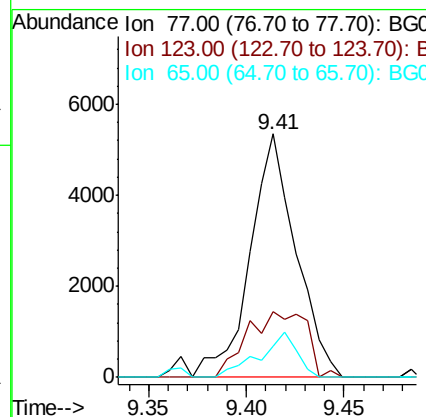
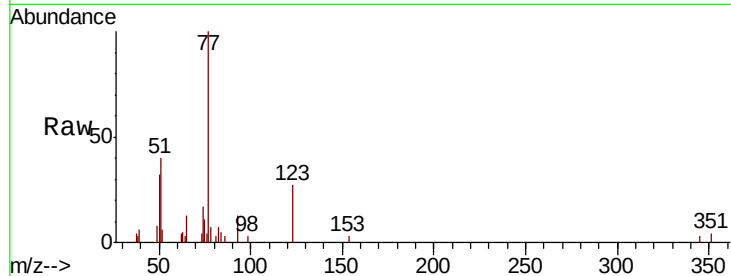
#22
 Nitrobenzene
 Concen: 3.081 ng/ul
 RT: 9.41 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
77	100		
123	26.8	22.5	33.7
65	12.6	13.8	20.6

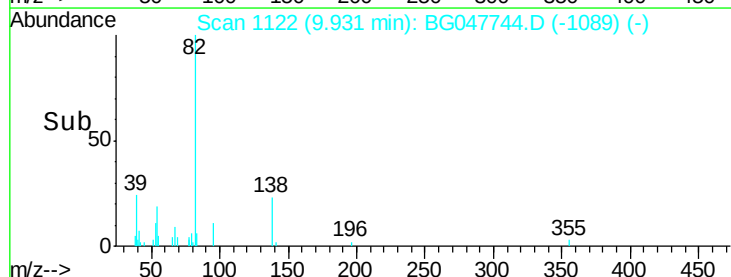
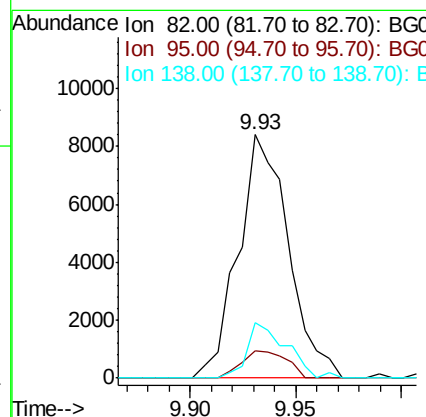
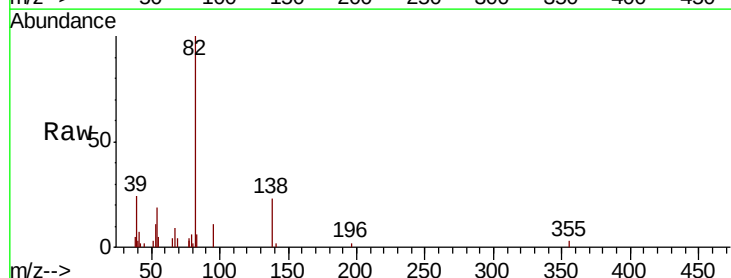
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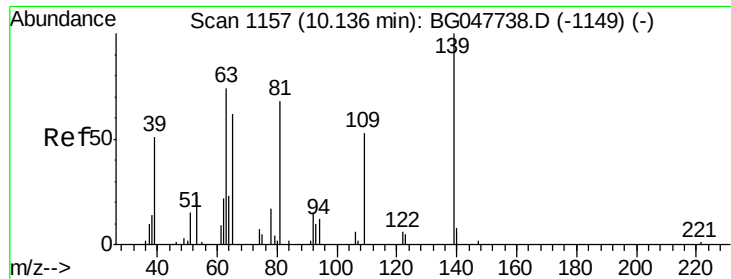
mohammad
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#23
 Isophorone
 Concen: 2.825 ng/ul
 RT: 9.93 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	11.0	8.7	13.1
138	22.8	12.4	18.6





#25

2-Nitrophenol

Concen: 2.723 ng/ul m

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

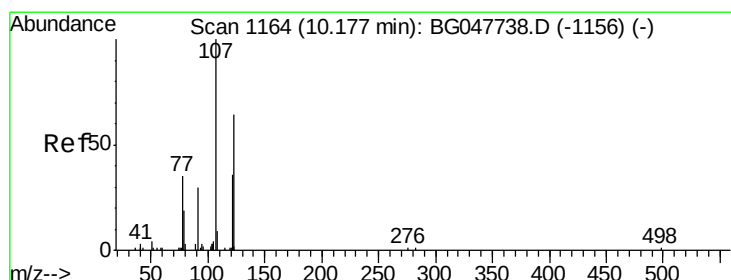
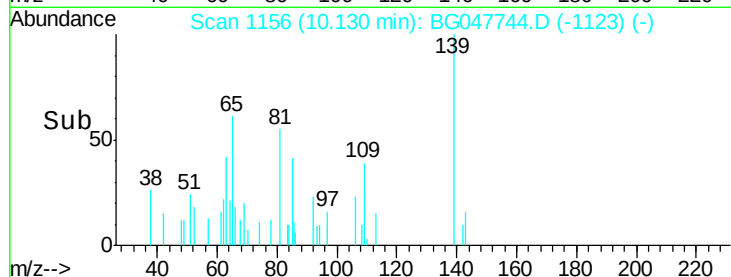
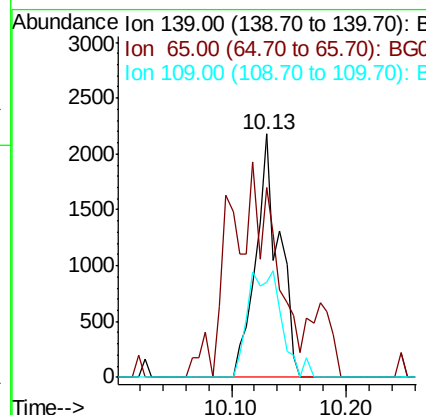
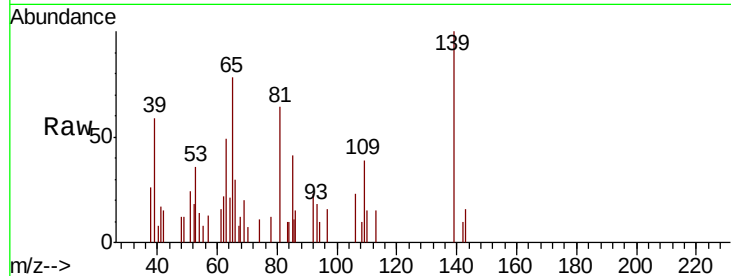
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	139	Resp:	3070
Ion	Ratio	Lower	Upper
139	100		
65	77.9	58.7	88.1
109	38.9	48.2	72.2#

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#26

2,4-Dimethylphenol

Concen: 2.696 ng/ul

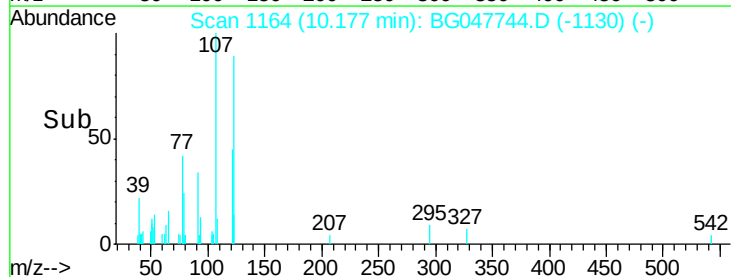
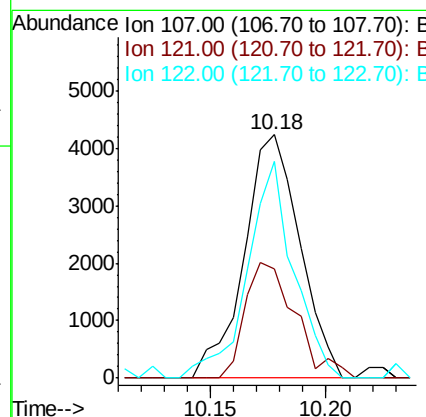
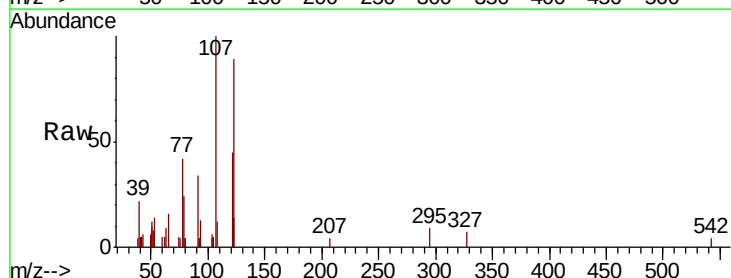
RT: 10.18 min Scan# 1164

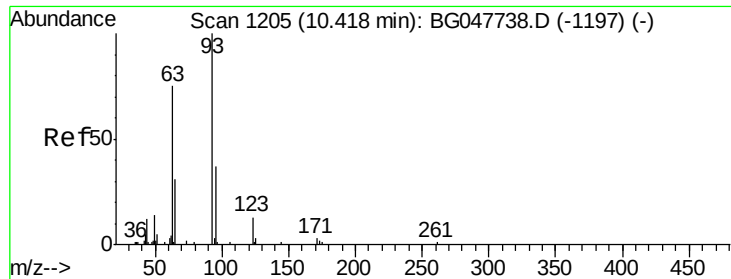
Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	107	Resp:	7137
Ion	Ratio	Lower	Upper
107	100		
121	45.1	36.7	55.1
122	89.0	57.7	86.5#





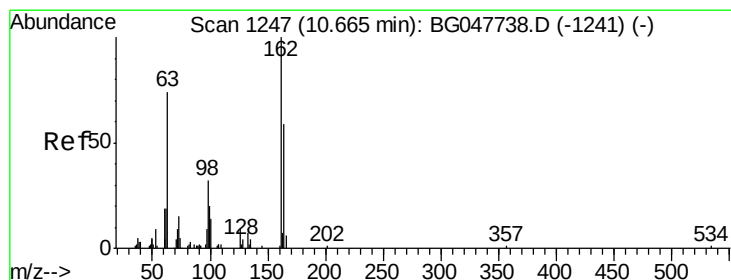
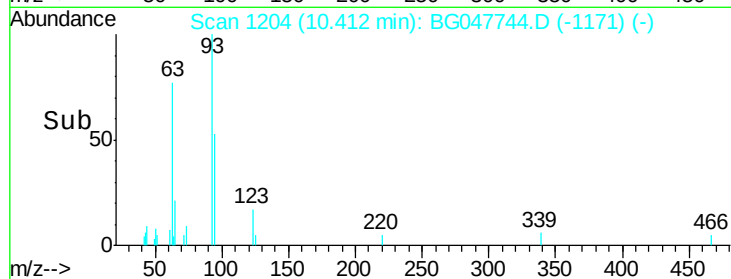
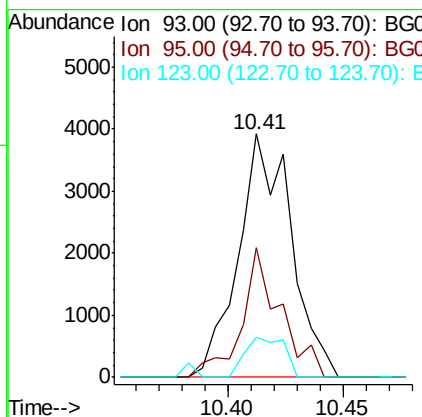
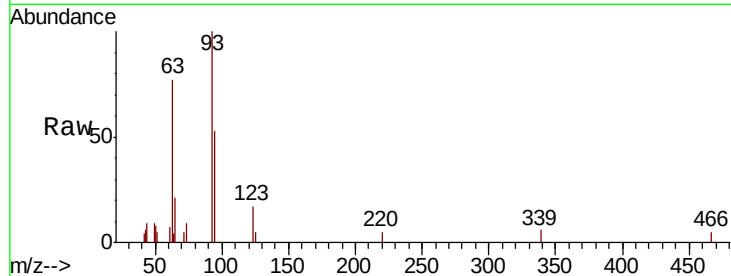
#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.672 ng/ul
 RT: 10.41 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
93	100		
95	53.5	23.4	35.2#
123	16.7	8.0	12.0#

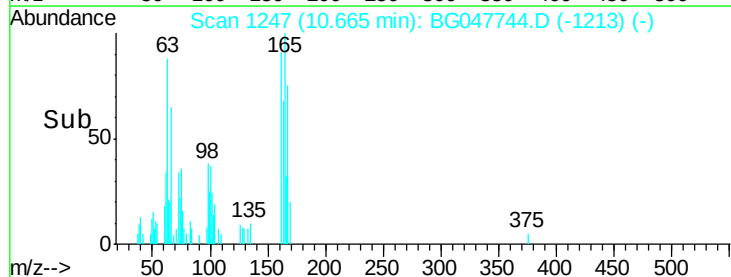
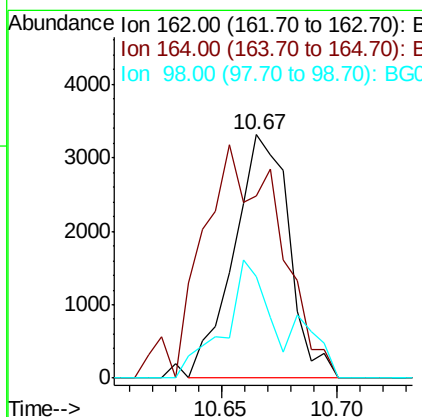
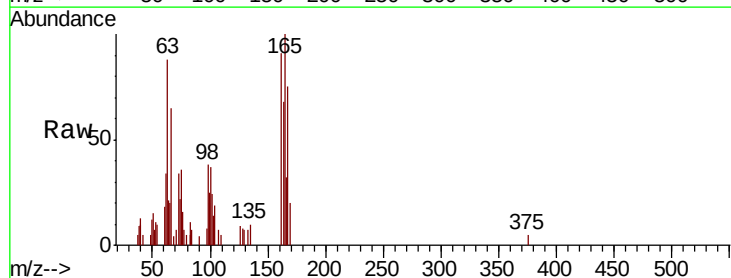
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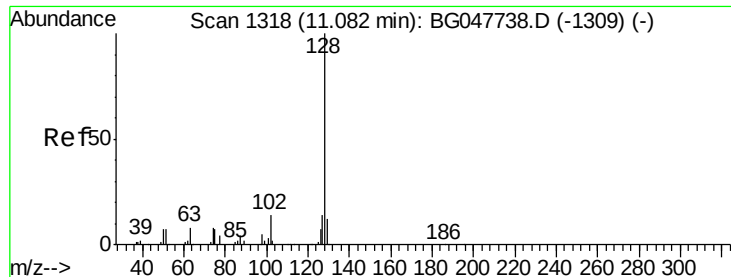
mohammad
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#29
 2,4-Dichlorophenol
 Concen: 2.652 ng/ul
 RT: 10.67 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
162	100		
164	74.9	48.7	73.1#
98	41.9	27.3	40.9#





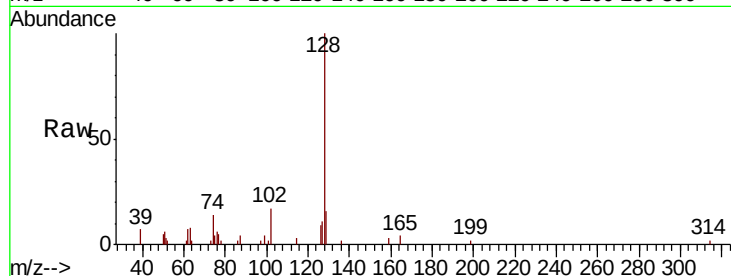
#30
Naphthalene
Concen: 2.798 ng/ul
RT: 11.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

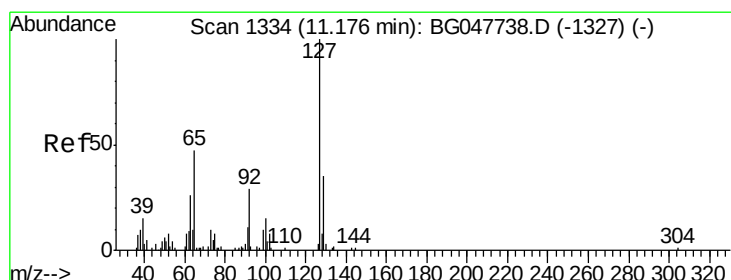
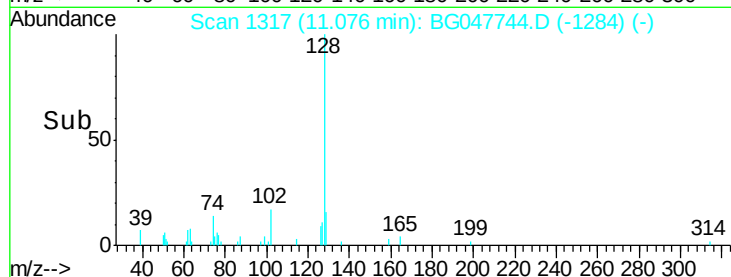
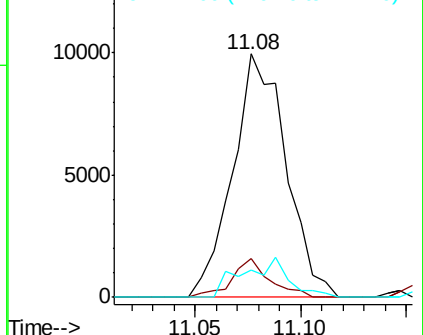
Tot Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.3	13.9#
127	11.2	11.1	16.7

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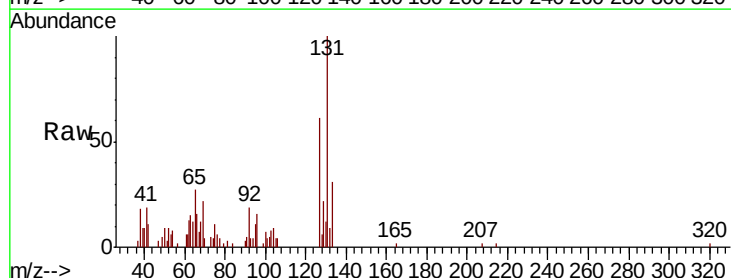


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

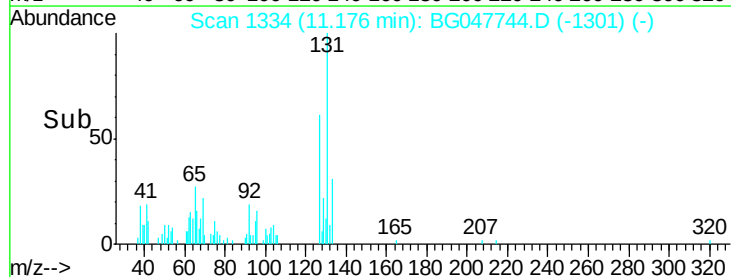
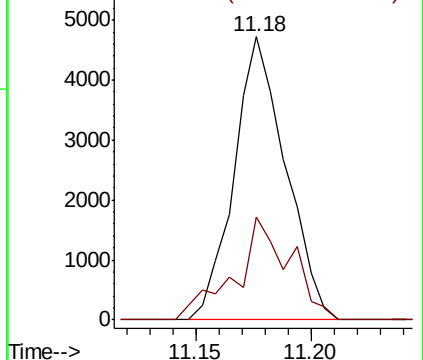


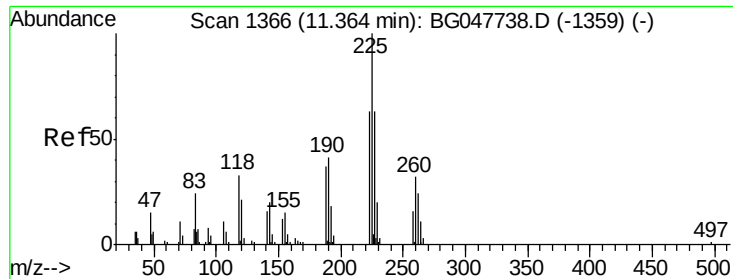
#32
4-Chloroaniline
Concen: 2.889 ng/ul
RT: 11.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.5	24.6	37.0



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





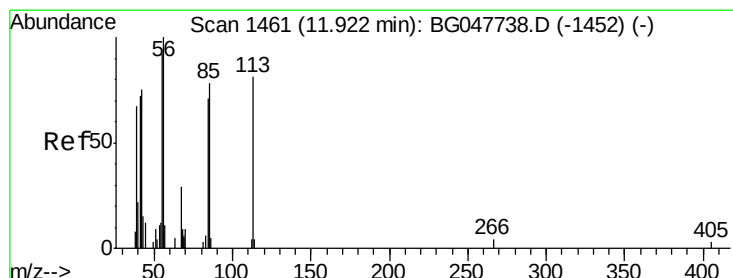
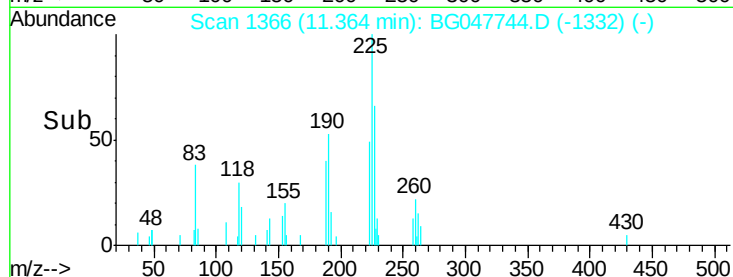
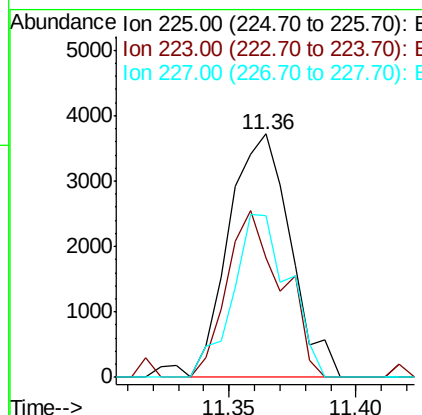
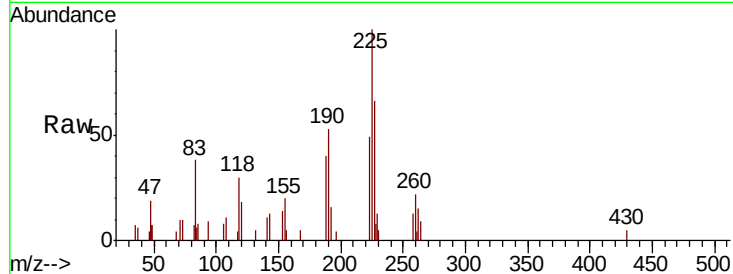
#33
Hexachlorobutadiene
Concen: 2.787 ng/ul
RT: 11.36 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
225	100		
223	49.0	57.4	86.0#
227	66.3	59.2	88.8

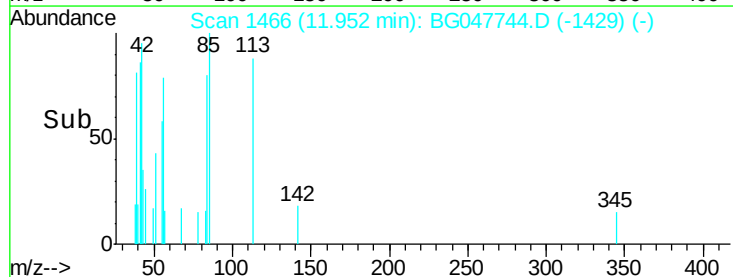
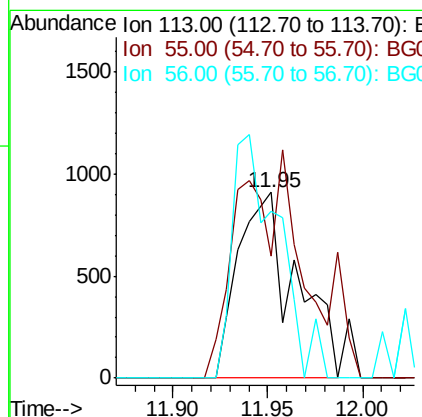
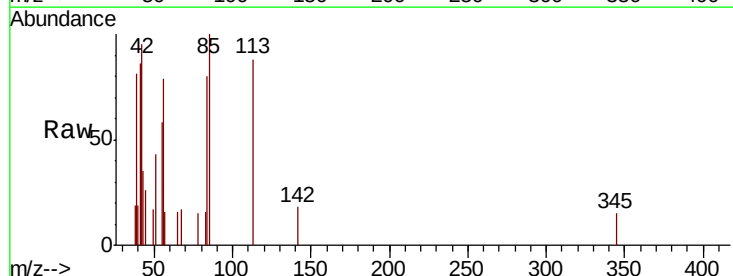
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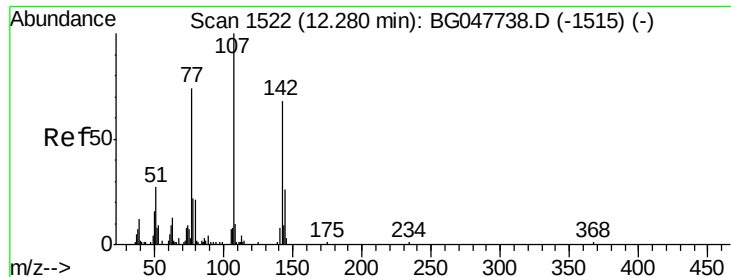
mohammad
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#34
Caprolactam
Concen: 2.711 ng/ul m
RT: 11.95 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	65.9	65.1	97.7
56	89.7	63.1	94.7





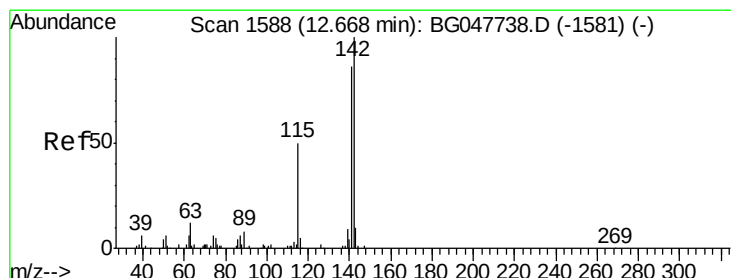
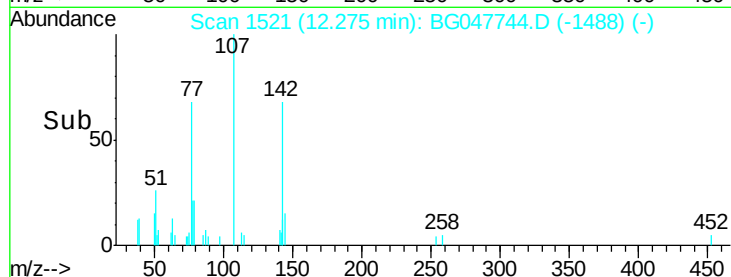
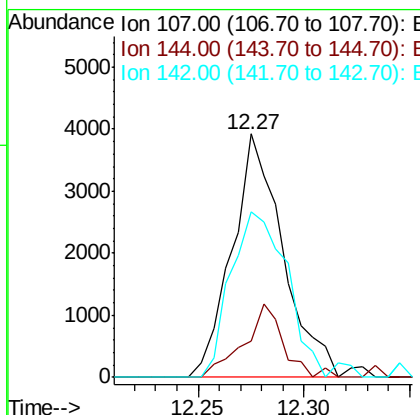
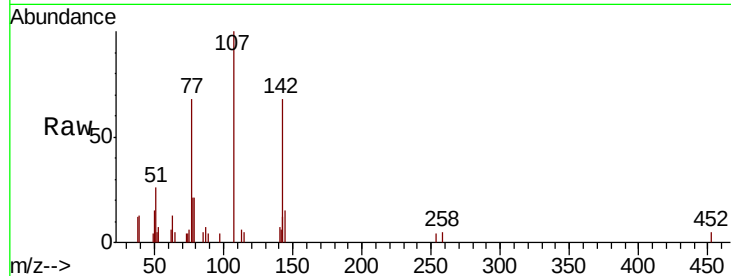
#35
 4-Chloro-3-methylphenol
 Concen: 2.839 ng/ul
 RT: 12.27 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
107	100		
144	14.7	14.6	22.0
142	68.0	47.7	71.5

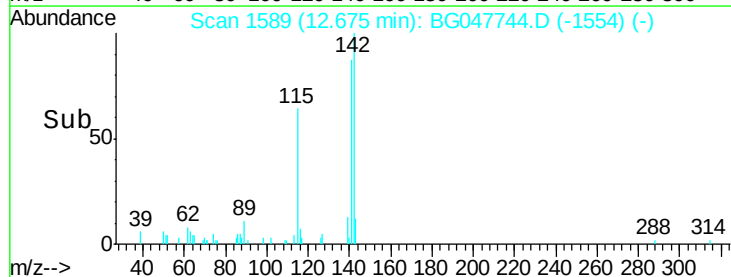
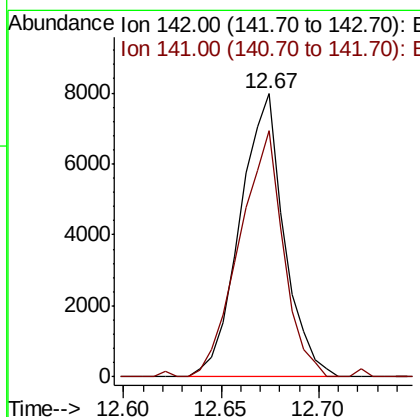
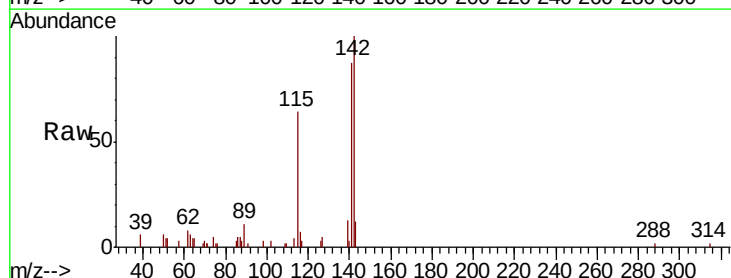
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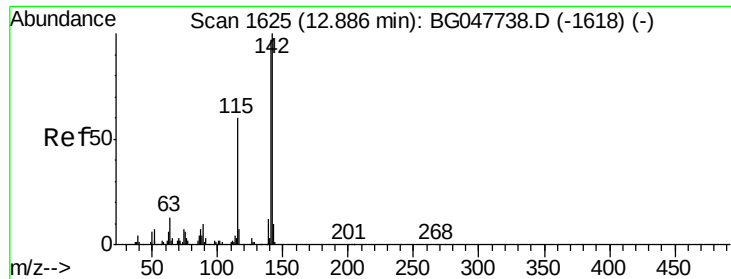
mohammad
 12/18/2020 10:23:22 AM



#36
 2-Methylnaphthalene
 Concen: 2.655 ng/ul
 RT: 12.67 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.0	100.6





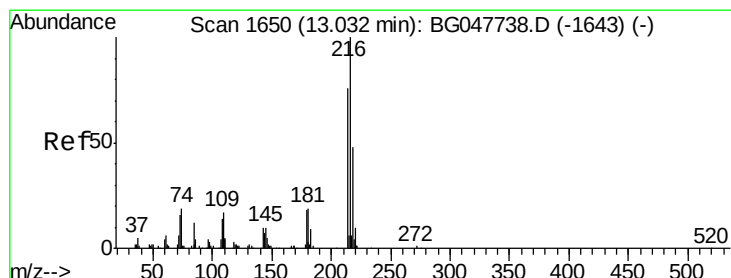
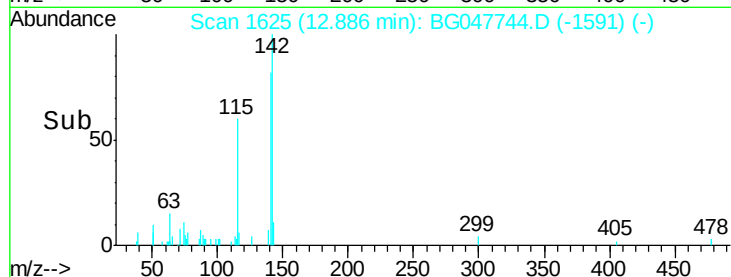
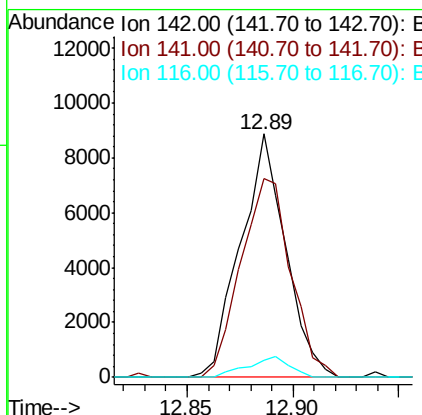
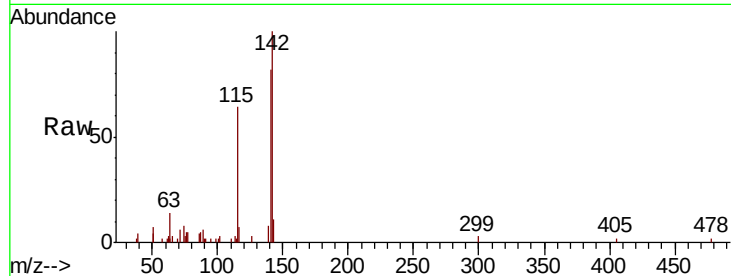
#37
 1-Methylnaphthalene
 Concen: 2.929 ng/ul
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	81.7	74.6	112.0
116	7.0	4.4	6.6

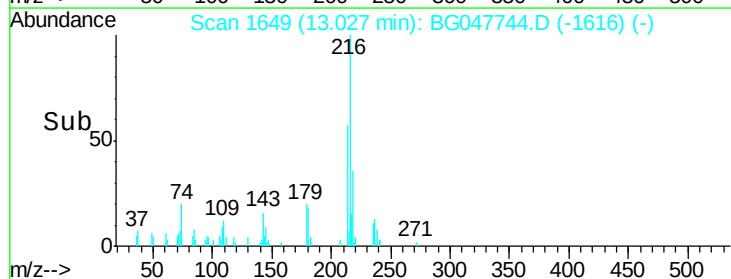
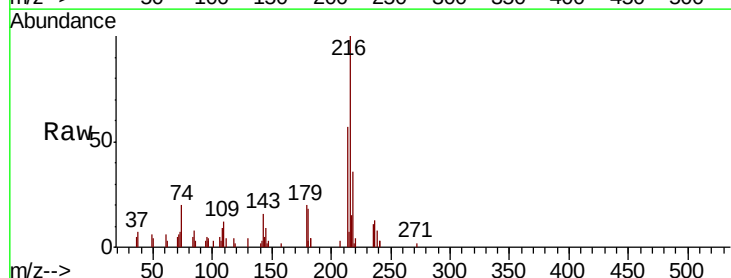
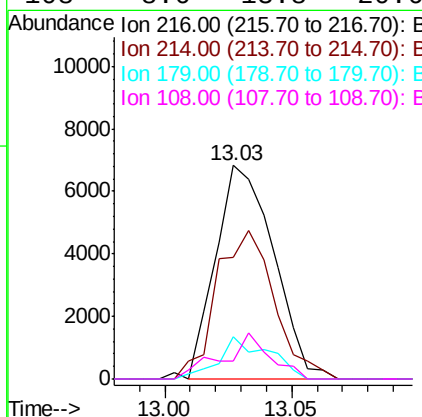
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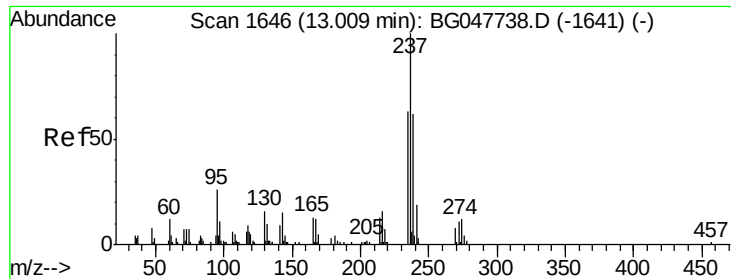
mohammad
 12/18/2020 10:23:22 AM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.104 ng/ul
 RT: 13.03 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	57.0	69.7	104.5
179	20.0	15.2	22.8
108	8.6	13.8	20.6





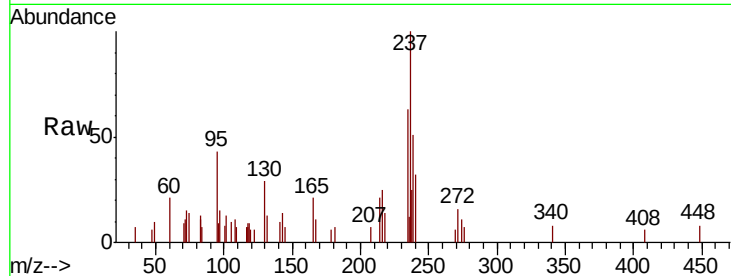
#40
Hexachlorocyclopentadiene
Concen: 2.133 ng/ul
RT: 13.01 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
237	100		
235	50.8	49.4	74.0
272	12.8	8.4	12.6#

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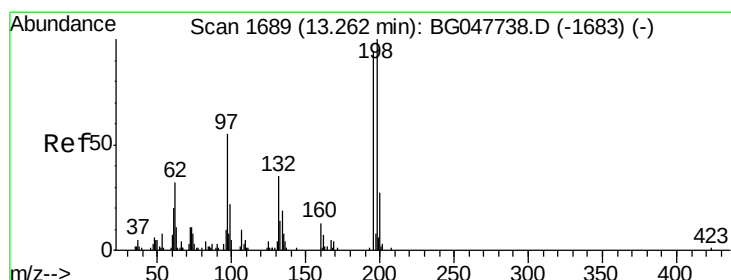
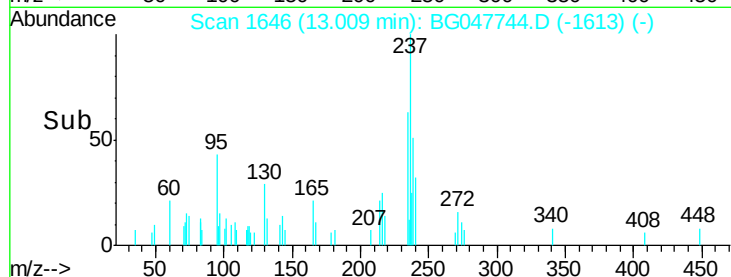
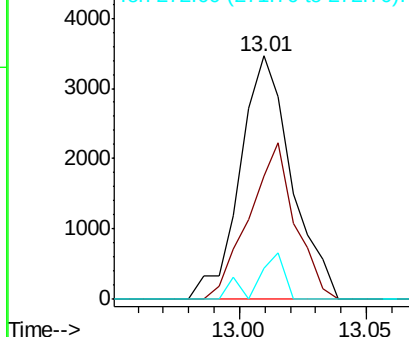


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41
2,4,6-Trichlorophenol
Concen: 2.903 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

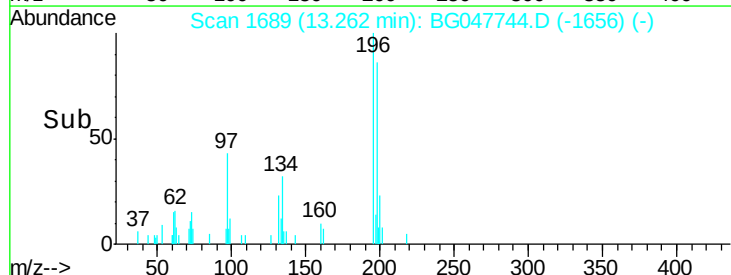
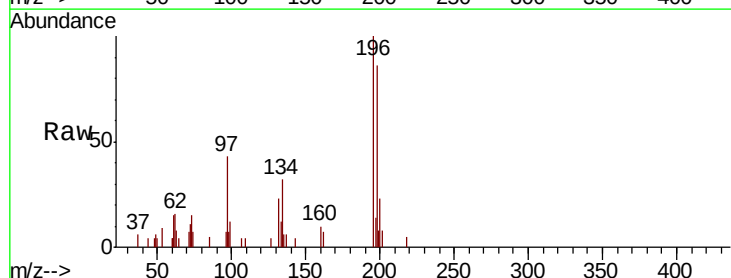
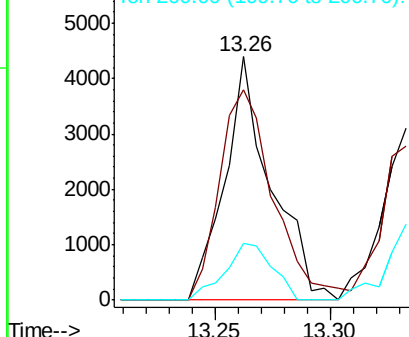
Tgt Ion	Ratio	Lower	Upper
196	100		
198	86.3	77.6	116.4
200	23.3	27.0	40.6#

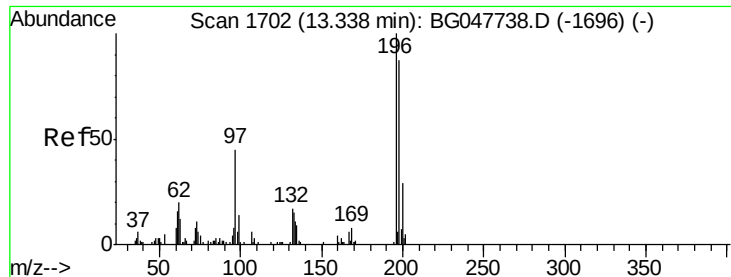
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





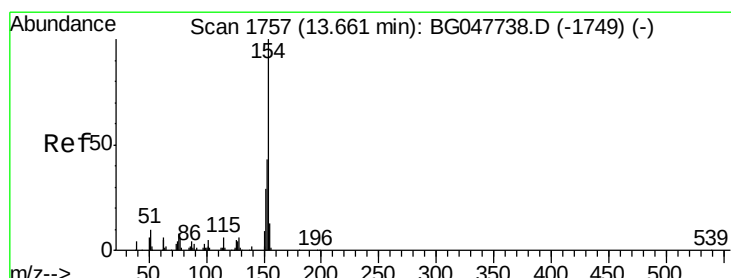
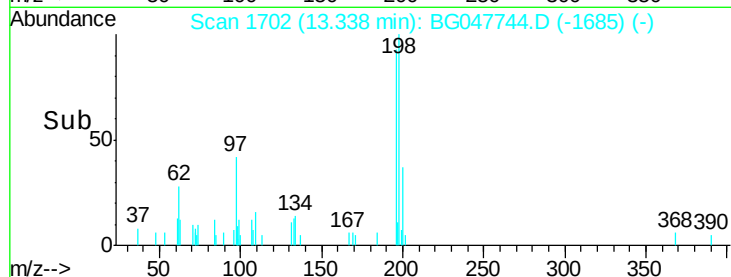
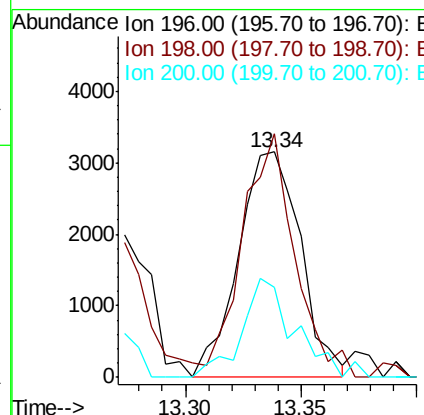
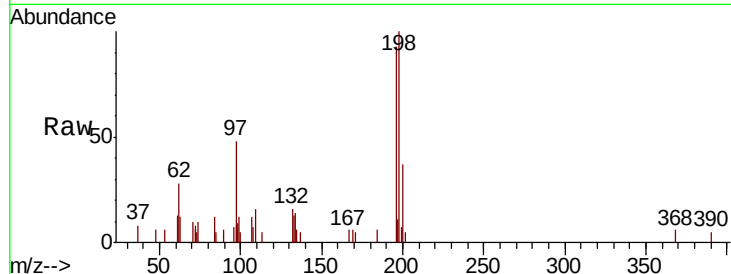
#42
 2,4,5-Trichlorophenol
 Concen: 2.648 ng/ul
 RT: 13.34 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
196	100	5898		
198	107.9		76.5	114.7
200	39.9		23.4	35.0

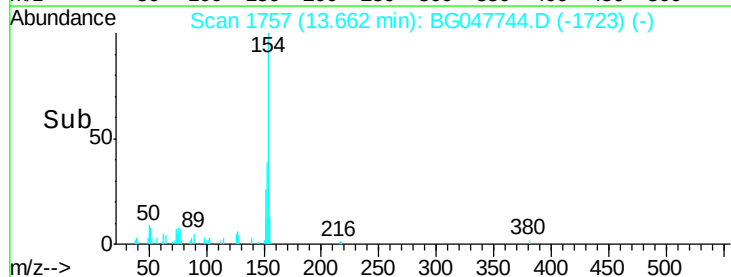
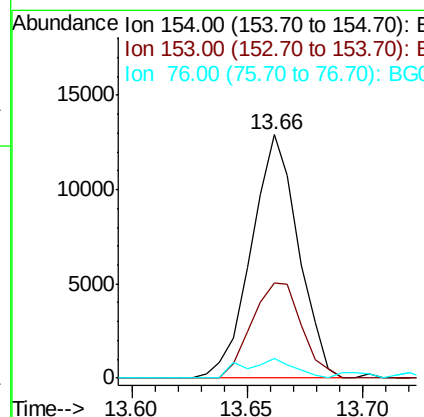
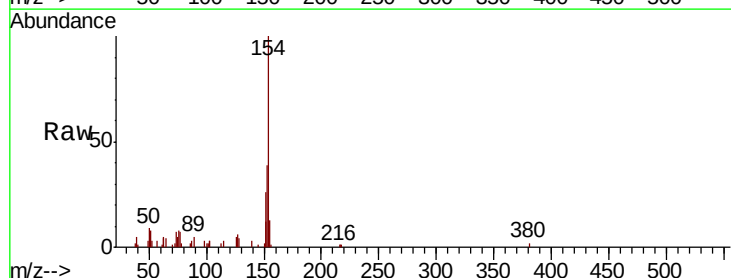
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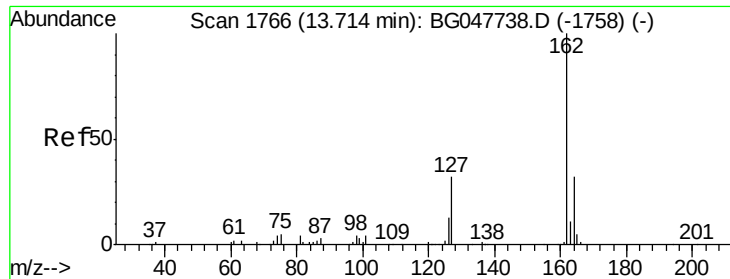
mohammad
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#43
 1,1'-Biphenyl
 Concen: 2.777 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	18268		
153	38.9		33.8	50.6
76	7.9		7.5	11.3





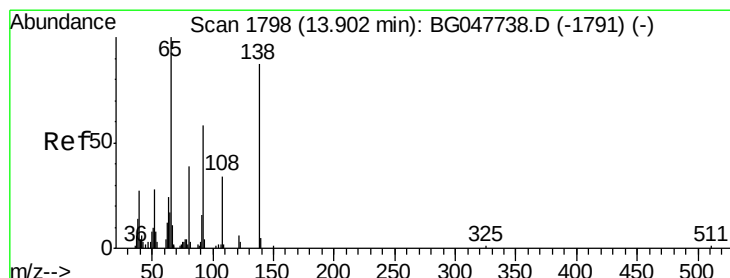
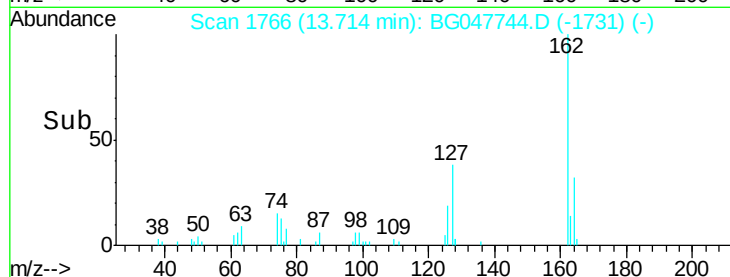
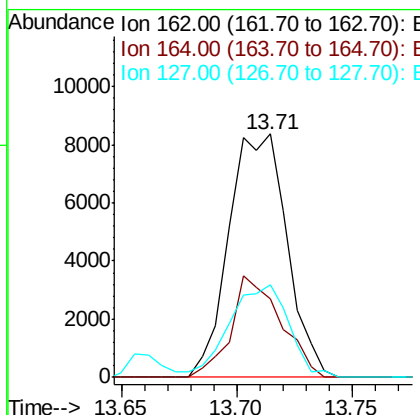
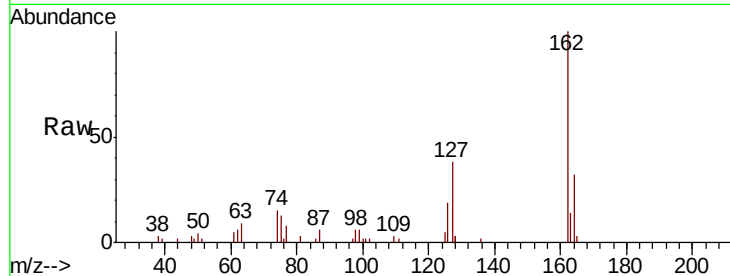
#44
2-Chloronaphthalene
Concen: 2.827 ng/ul
RT: 13.71 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	162	Resp:	14637
Ion Ratio	Lower	Upper	
162	100		
164	32.5	27.8	41.6
127	38.3	30.8	46.2

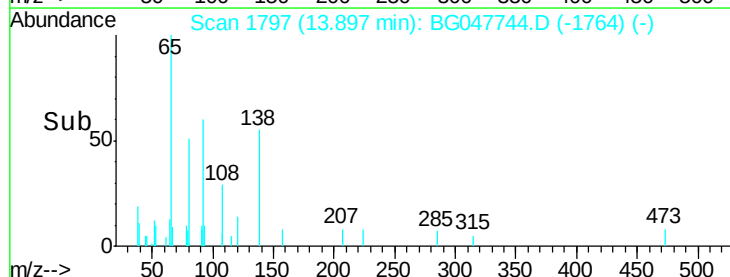
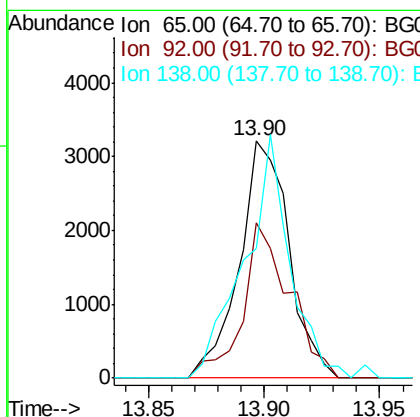
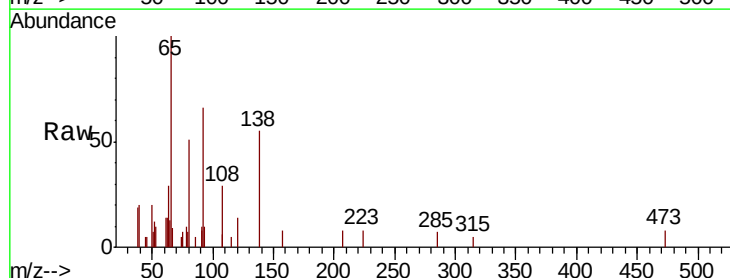
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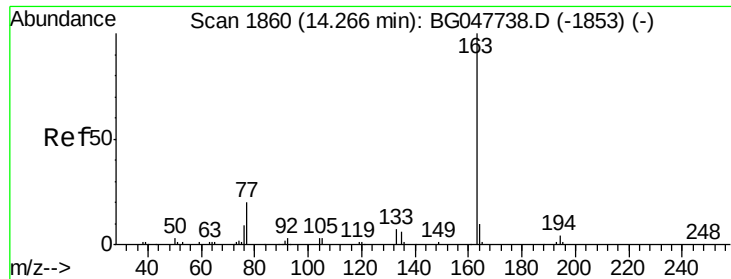
mohammad
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#45
2-Nitroaniline
Concen: 2.704 ng/ul
RT: 13.90 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion:	65	Resp:	4810
Ion Ratio	Lower	Upper	
65	100		
92	65.5	45.8	68.6
138	54.6	71.1	106.7#





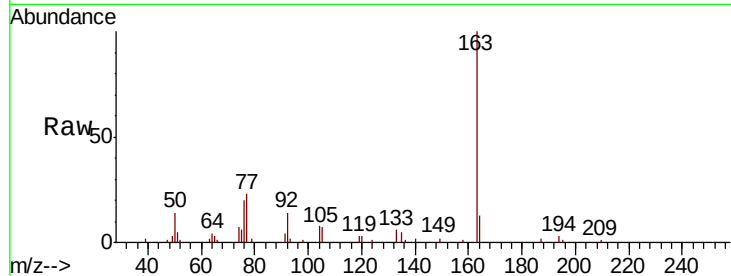
#47
Dimethylphthalate
Concen: 2.924 ng/ul
RT: 14.26 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.4	5.2#
164	13.2	8.1	12.1#

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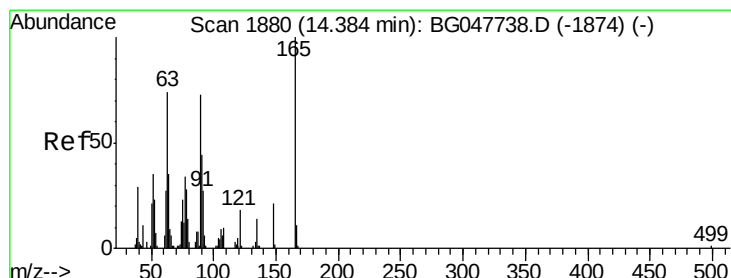
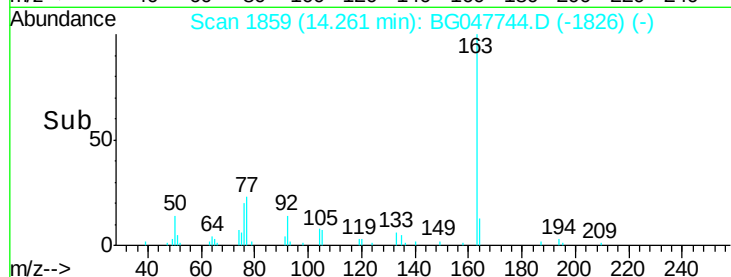
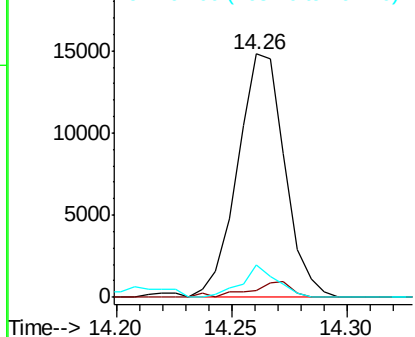


Abundance

Ion 163.00 (162.70 to 163.70): E

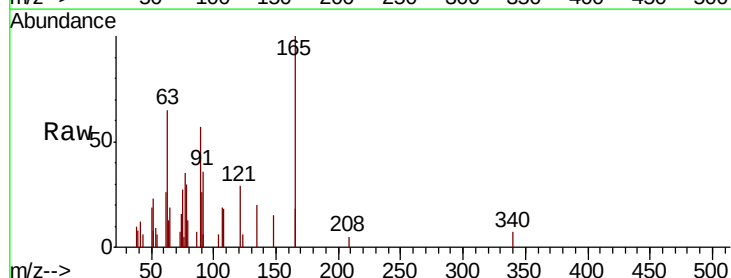
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2,6-Dinitrotoluene
Concen: 2.550 ng/ul
RT: 14.39 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
165	100		
89	57.4	60.7	91.1#
121	28.7	18.1	27.1#

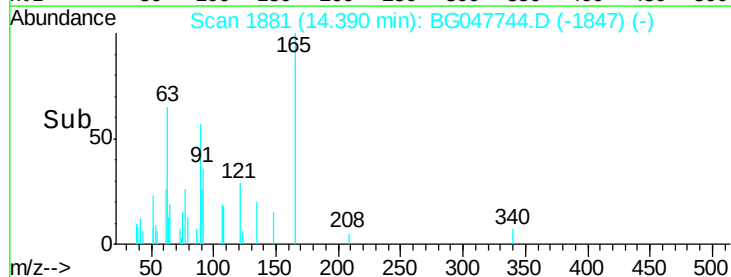
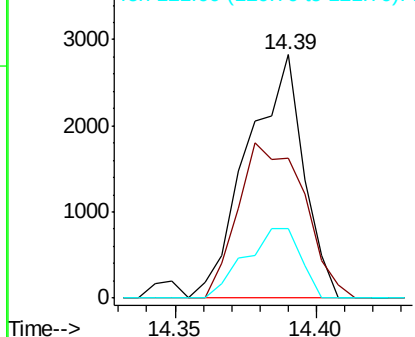


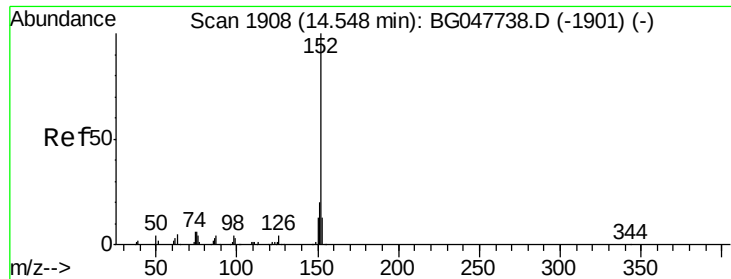
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.783 ng/ul

RT: 14.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

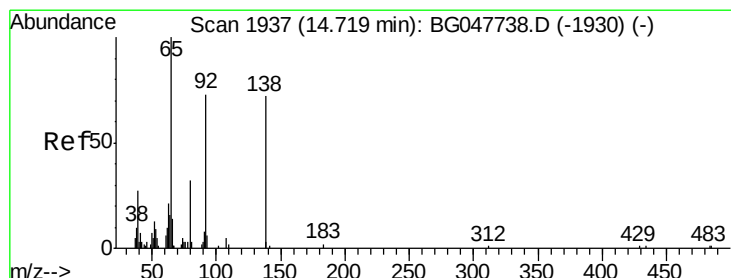
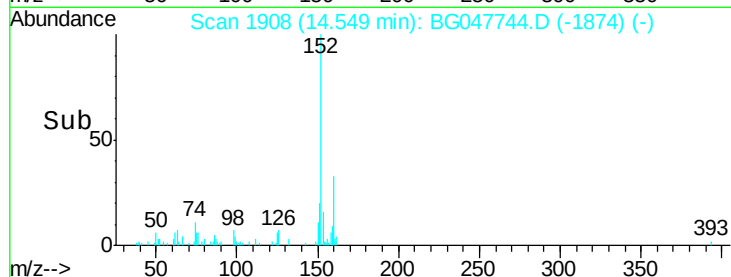
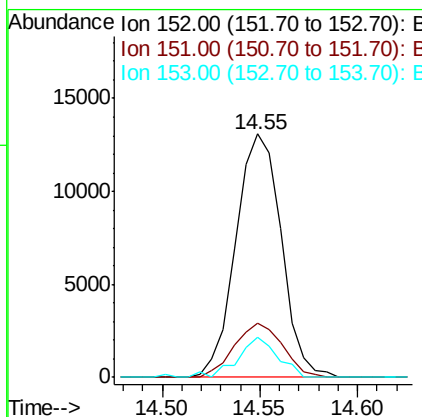
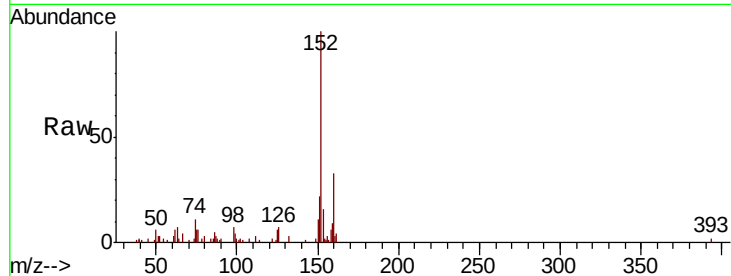
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	152	Resp:	21079
Ion Ratio	Lower	Upper	
152	100		
151	22.5	15.3	22.9
153	16.3	11.7	17.5

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#51

3-Nitroaniline

Concen: 2.799 ng/ul

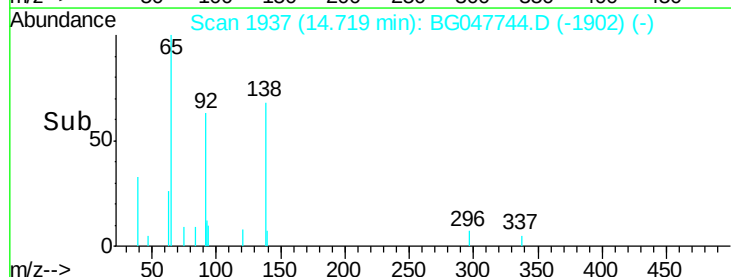
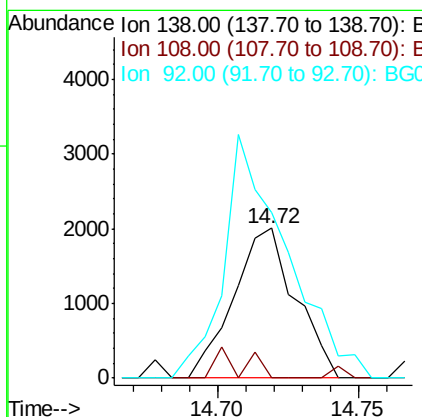
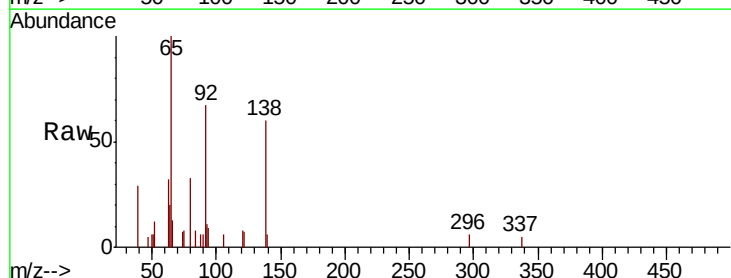
RT: 14.72 min Scan# 1937

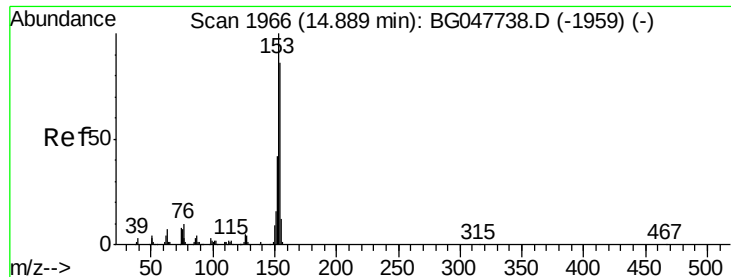
Delta R.T. 0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	138	Resp:	3058
Ion Ratio	Lower	Upper	
138	100		
108	0.0	11.9	17.9#
92	111.0	97.7	146.5





#52

Acenaphthene

Concen: 2.979 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

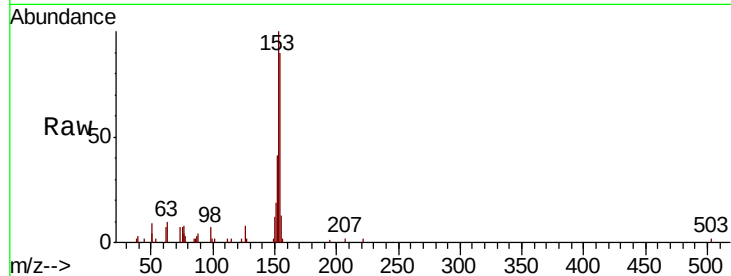
ClientSampleId :

MDL-ME-SOIL-04

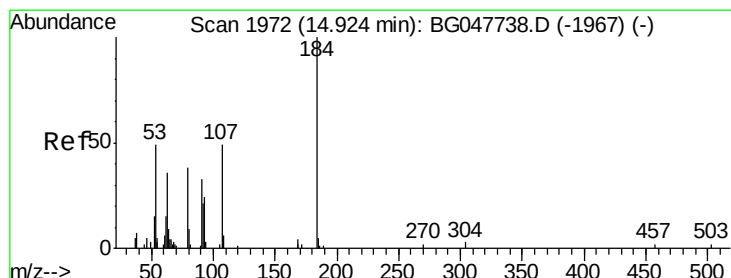
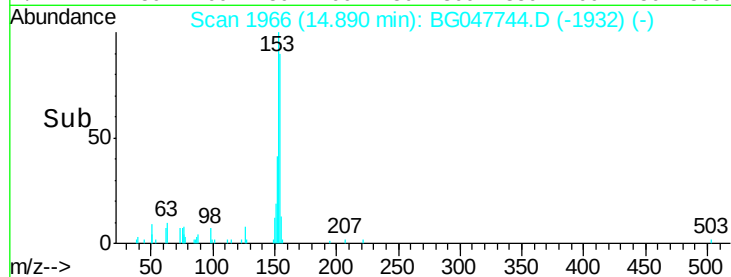
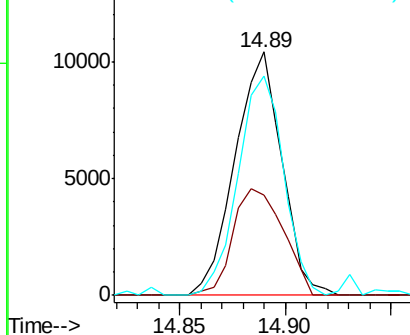
Tot Ion:	153	Resp:	16036
Ion Ratio	Lower	Upper	
153	100		
152	41.2	34.8	52.2
154	90.0	71.2	106.8

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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: 0.871 ng/ul

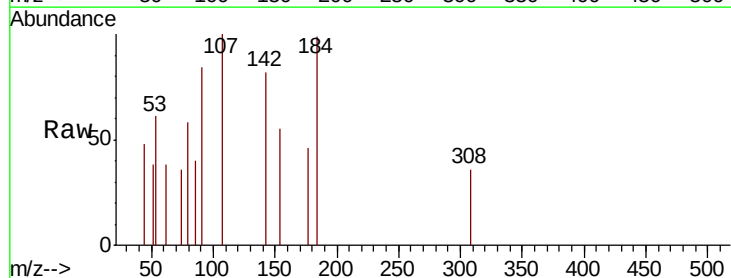
RT: 14.94 min Scan# 1975

Delta R.T. 0.02 min

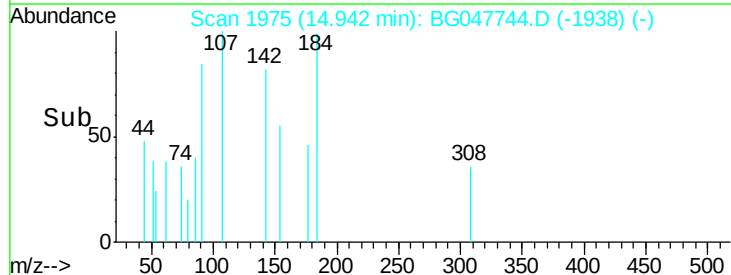
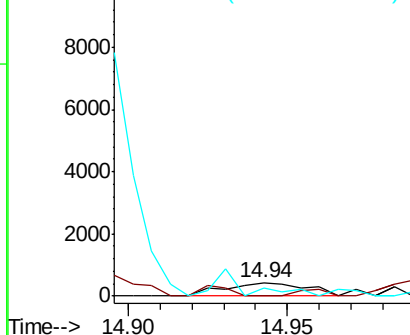
Lab File: BG047744.D

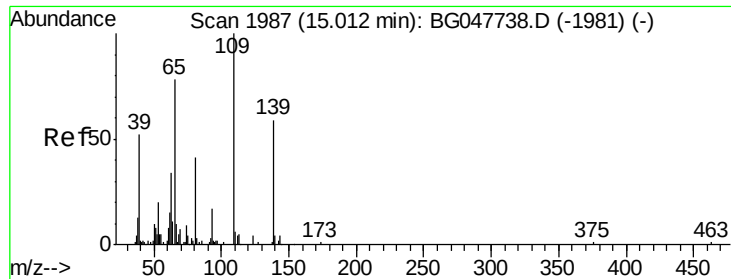
Acq: 15 Dec 2020 12:54

Tgt Ion:	184	Resp:	786
Ion Ratio	Lower	Upper	
184	100		
63	0.0	46.5	69.7#
154	55.1	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





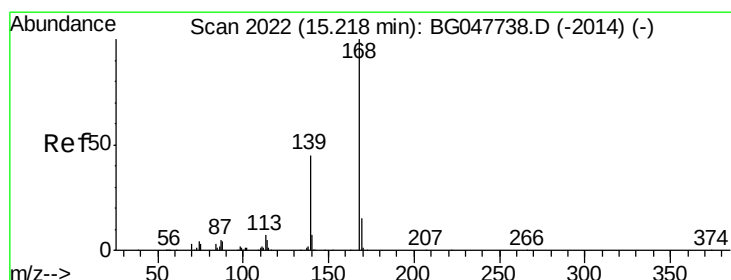
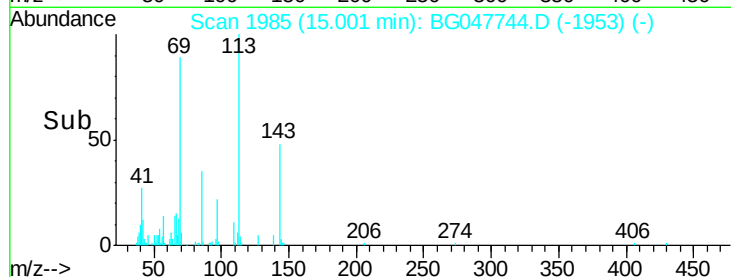
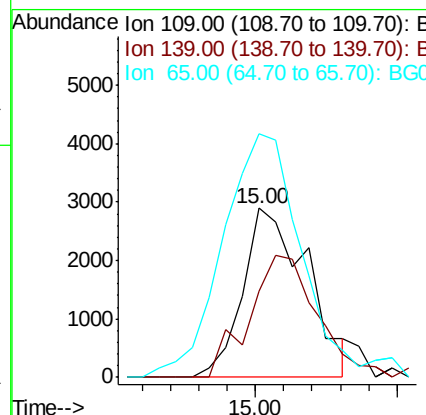
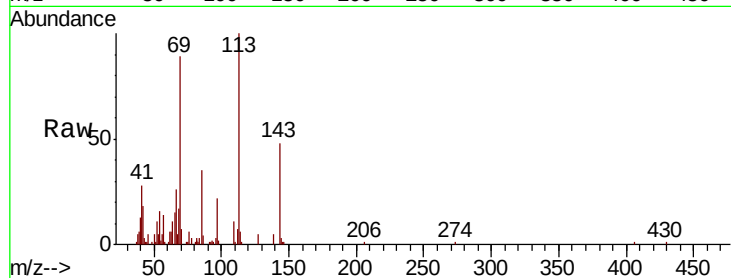
#55
4-Nitrophenol
Concen: 2.530 ng/ul
RT: 15.00 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
109	100		
139	50.9	47.0	70.6
65	143.9	74.7	112.1#

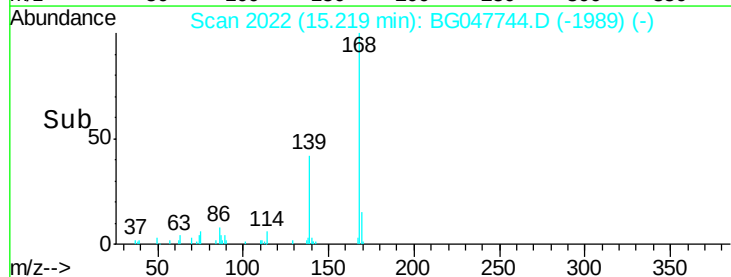
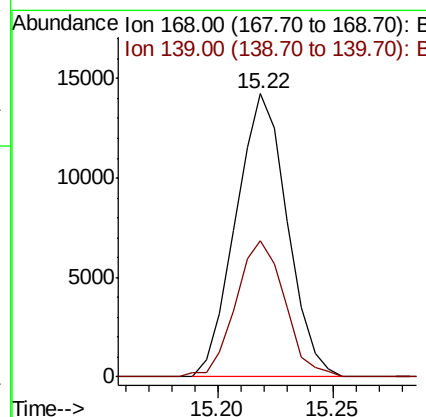
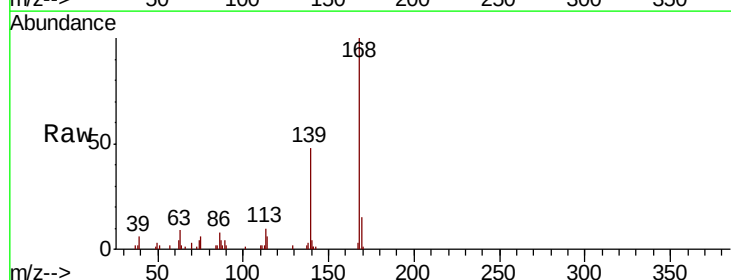
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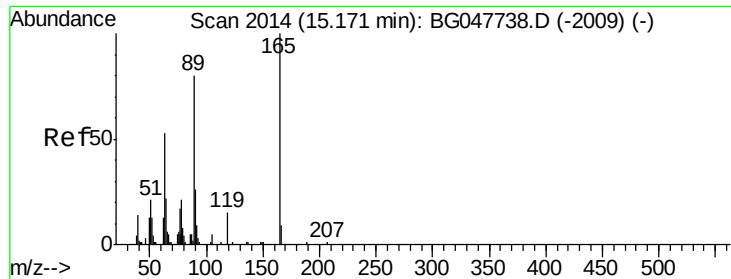
mohammad
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#56
Dibenzofuran
Concen: 2.831 ng/ul
RT: 15.22 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	48.1	34.0	51.0





#57

2,4-Dinitrotoluene

Concen: 2.649 ng/ul

RT: 15.17 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

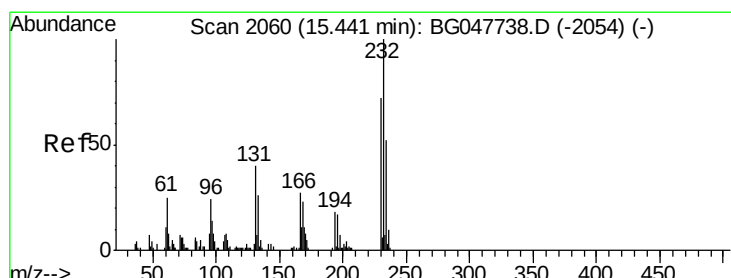
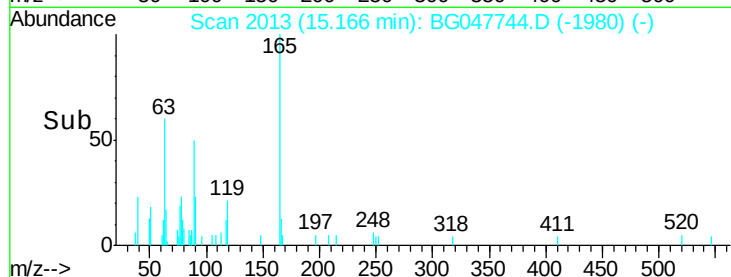
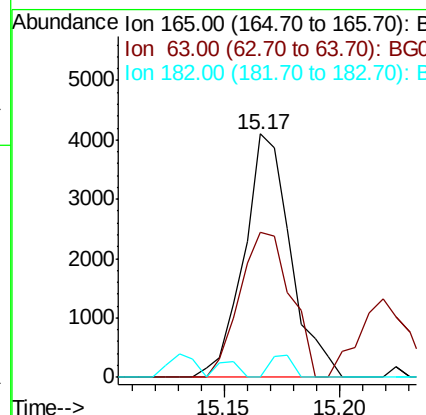
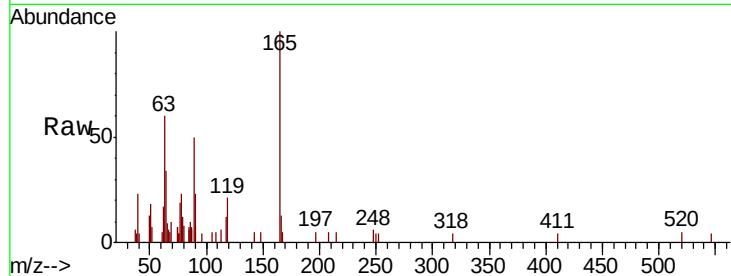
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	165	Resp:	5776
Ion Ratio	Lower	Upper	
165	100		
63	59.8	54.6	81.8
182	0.0	2.6	3.8#

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#58

2,3,4,6-Tetrachlorophenol

Concen: 2.348 ng/ul

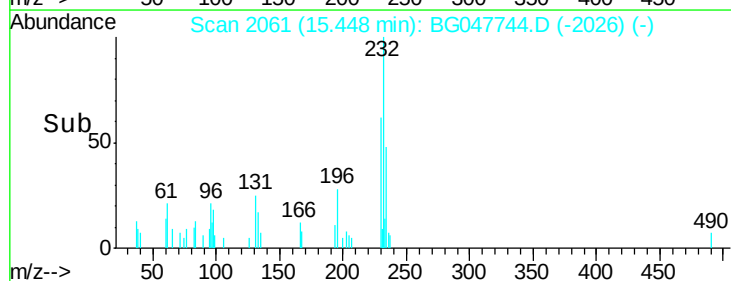
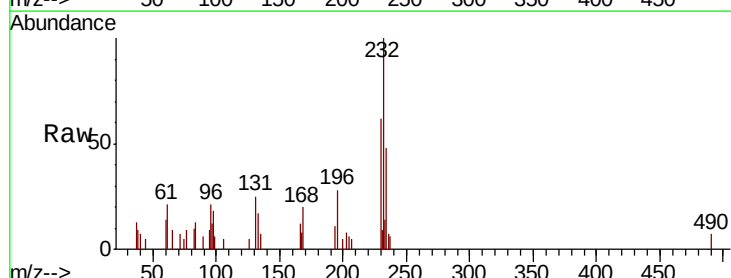
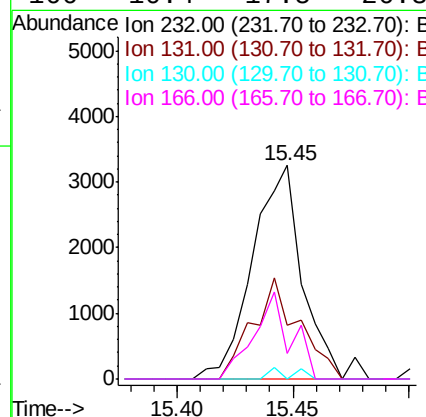
RT: 15.45 min Scan# 2061

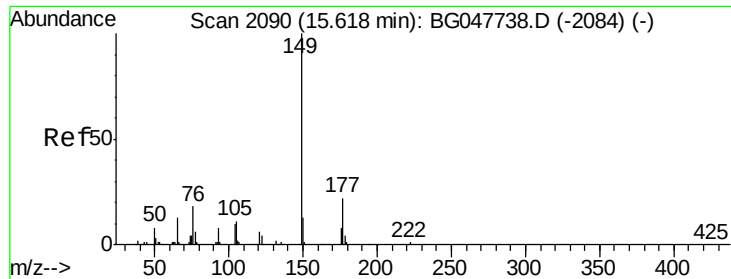
Delta R.T. 0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	232	Resp:	4844
Ion Ratio	Lower	Upper	
232	100		
131	22.2	31.9	47.9#
130	0.0	3.0	4.6#
166	10.4	17.5	26.3#





#59

Diethylphthalate

Concen: 2.770 ng/ul

RT: 15.61 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

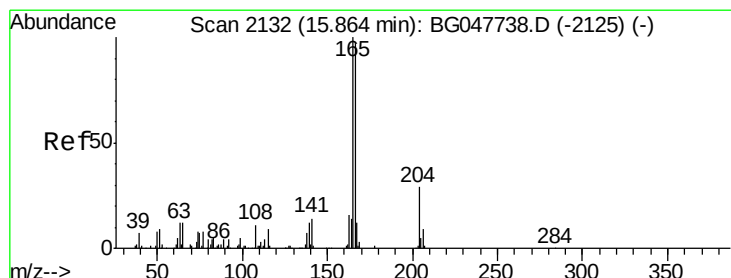
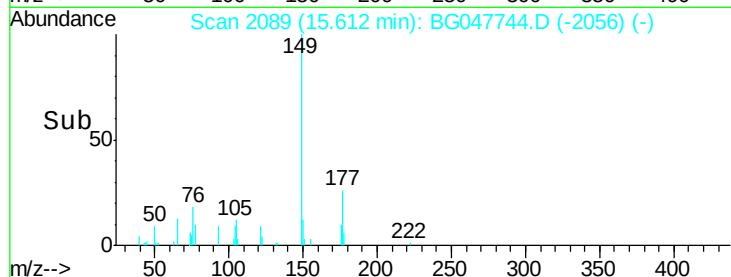
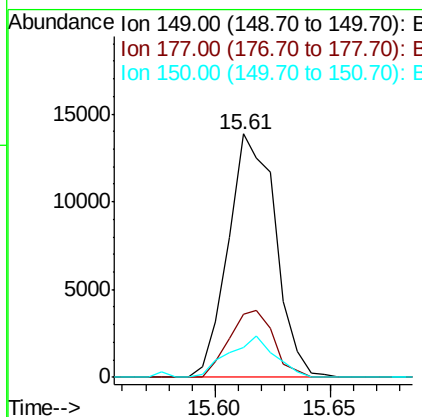
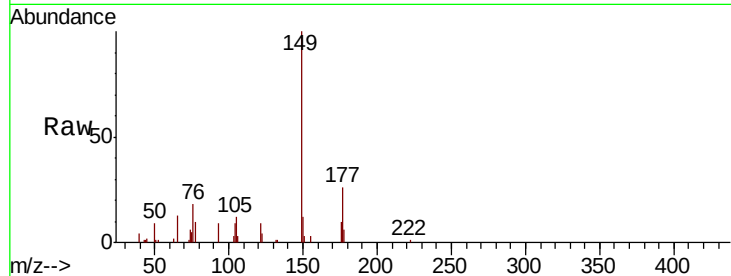
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	149	Resp:	19749
Ion Ratio	Lower	Upper	
149	100		
177	25.9	20.6	31.0
150	12.4	11.1	16.7

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#61

Fluorene

Concen: 3.033 ng/ul

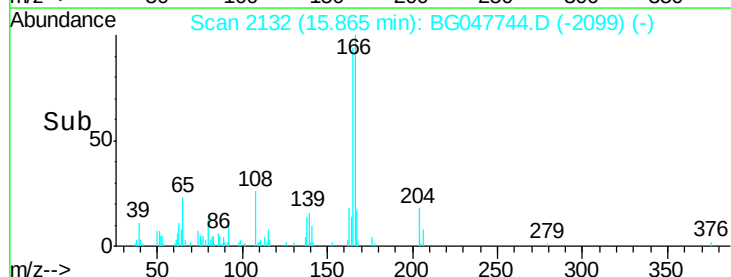
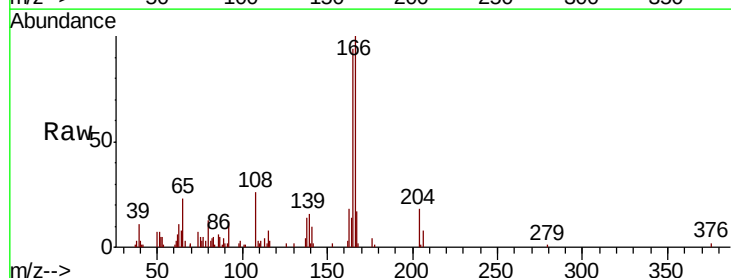
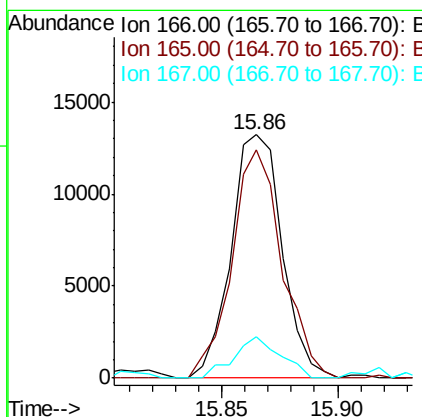
RT: 15.86 min Scan# 2132

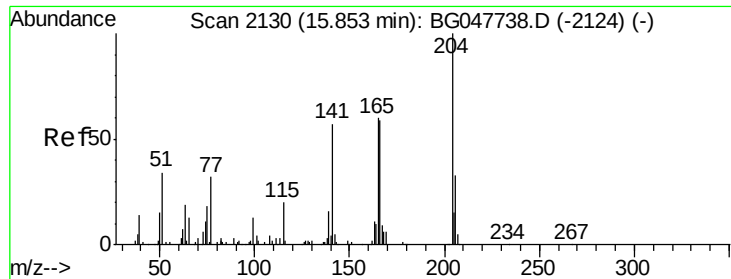
Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	166	Resp:	20328
Ion Ratio	Lower	Upper	
166	100		
165	93.7	75.4	113.2
167	17.1	12.3	18.5





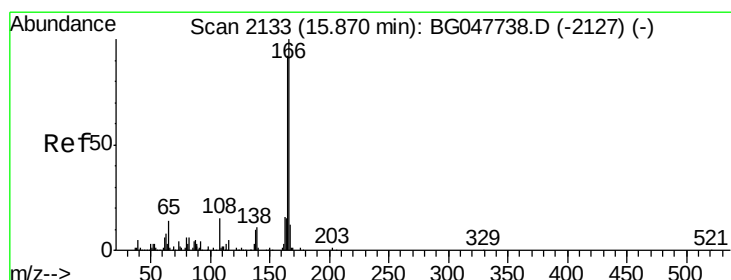
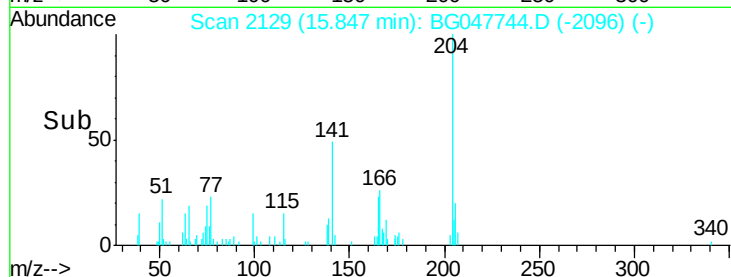
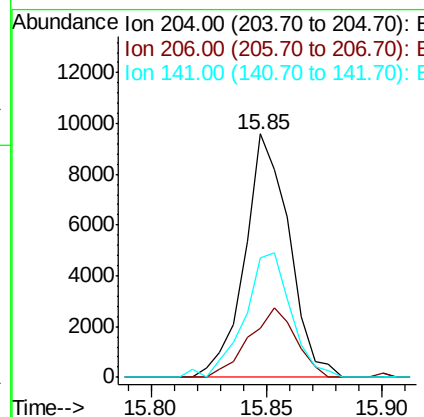
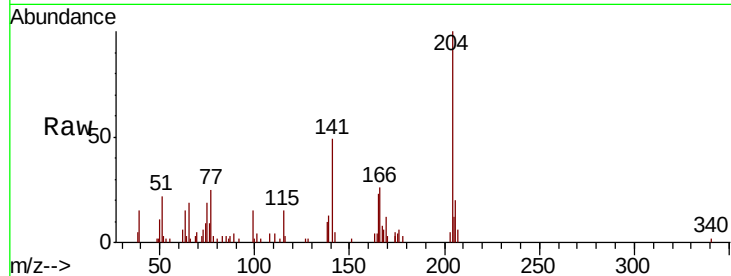
#62
4-Chlorophenyl-phenylether
Concen: 3.057 ng/ul
RT: 15.85 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
204	100		
206	20.1	26.2	39.2#
141	48.8	40.9	61.3

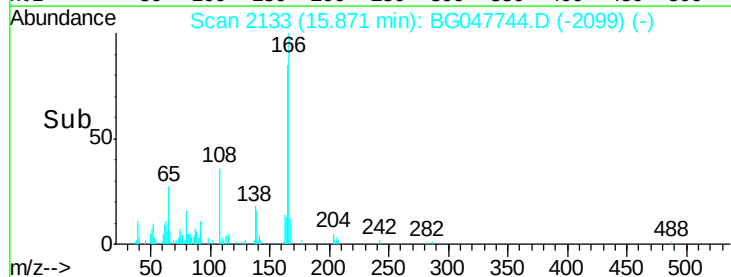
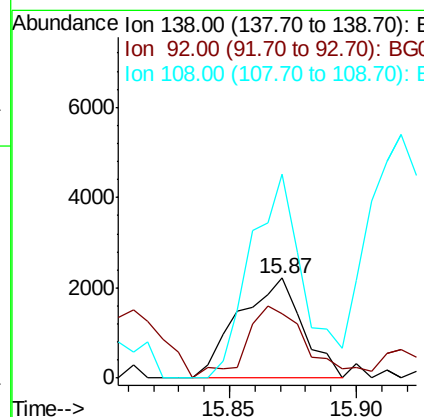
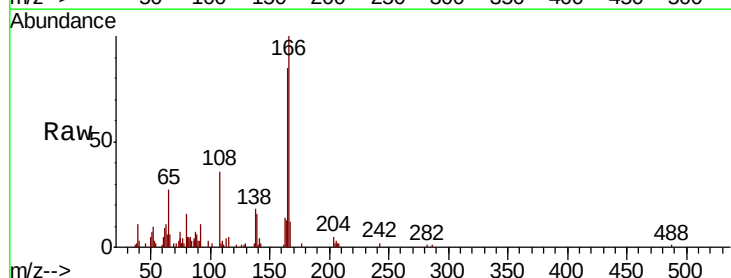
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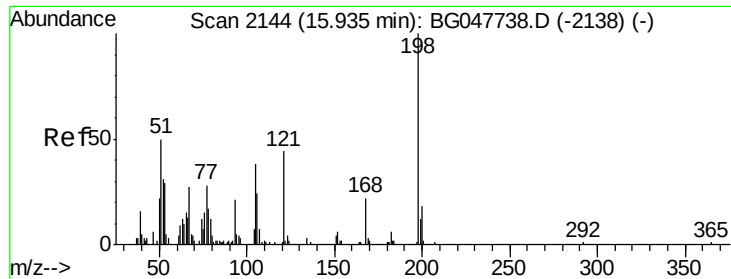
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#63
4-Nitroaniline
Concen: 3.781 ng/ul
RT: 15.87 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.2	31.9	47.9#
108	204.1	109.1	163.7#





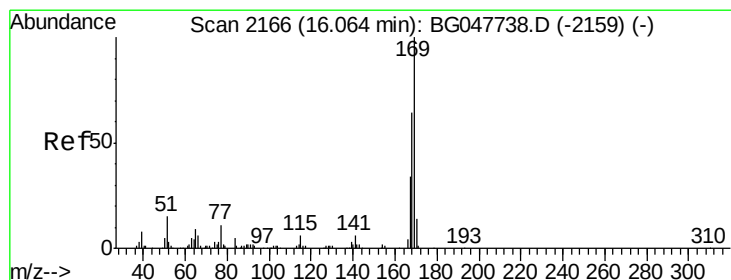
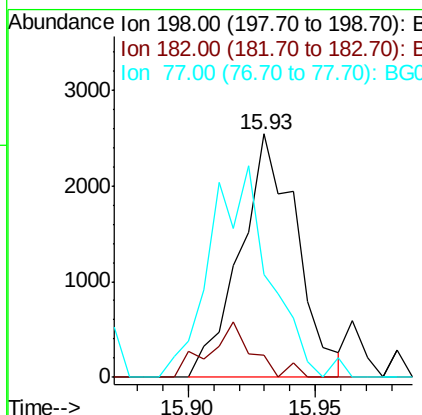
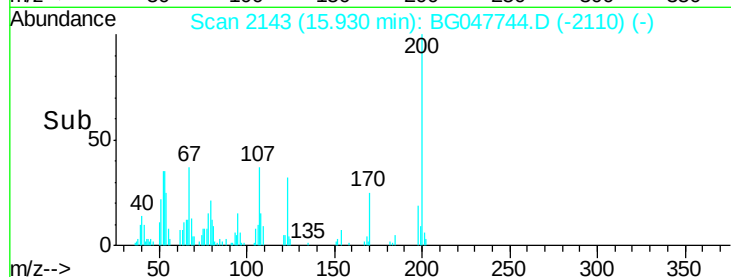
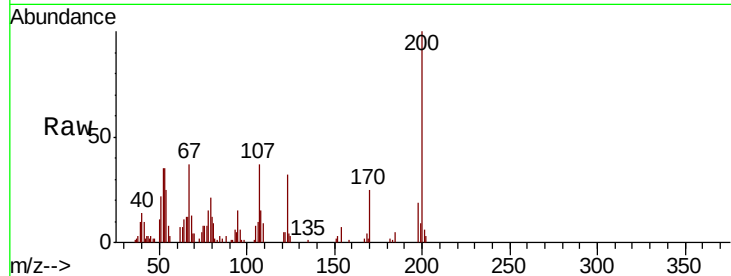
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.573 ng/ul
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
198	100	3968		
182	9.1	2.9	4.3#	
77	42.2	26.1	39.1#	

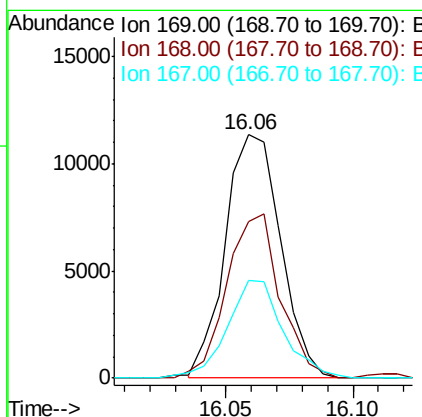
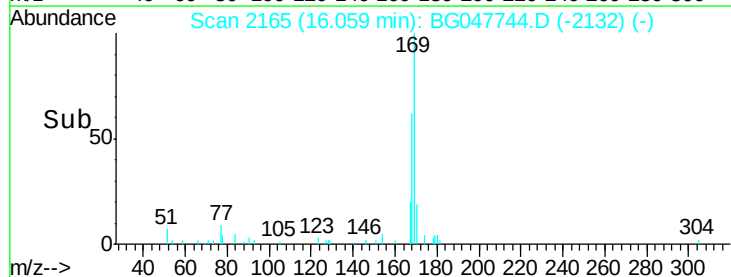
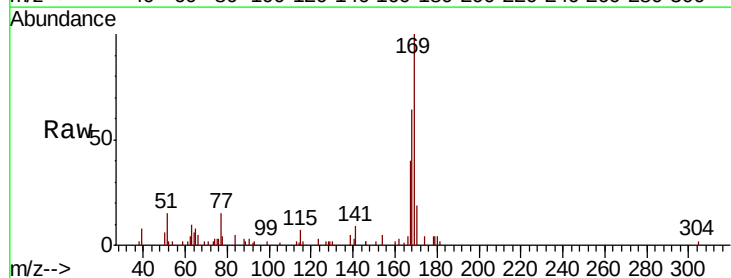
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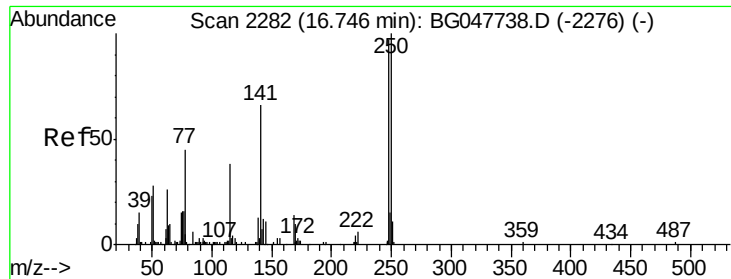
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#67
 N-Nitrosodiphenylamine
 Concen: 2.786 ng/ul
 RT: 16.06 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	17205		
168	64.3	53.8	80.8	
167	40.2	29.8	44.8	





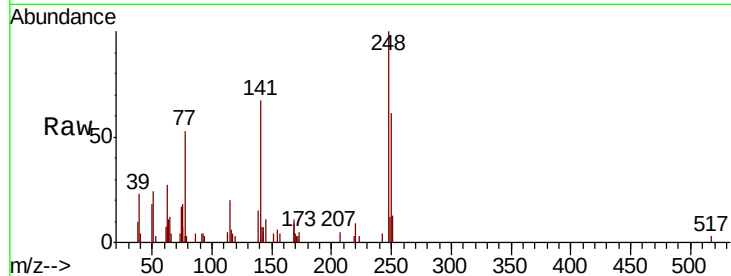
#68
4-Bromophenyl-phenylether
Concen: 2.774 ng/ul
RT: 16.74 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
248	100		
250	60.9	77.2	115.8#
141	66.9	61.8	92.6

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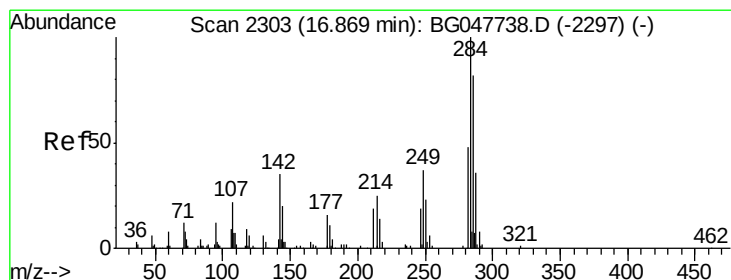
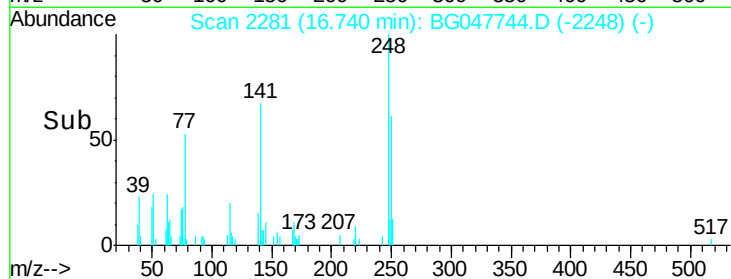
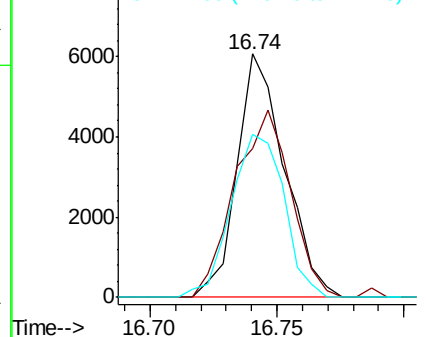


Abundance

Ion 248.00 (247.70 to 248.70): E

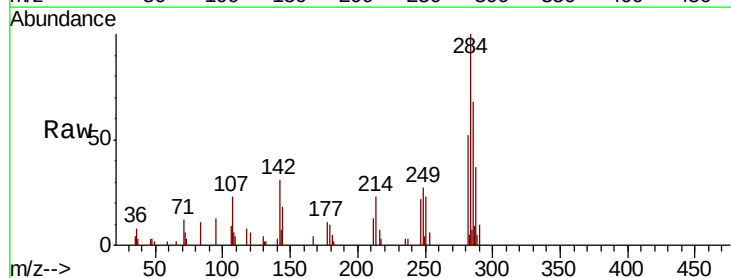
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69
Hexachlorobenzene
Concen: 2.980 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	29.3	43.9
249	30.4	31.7	47.5#

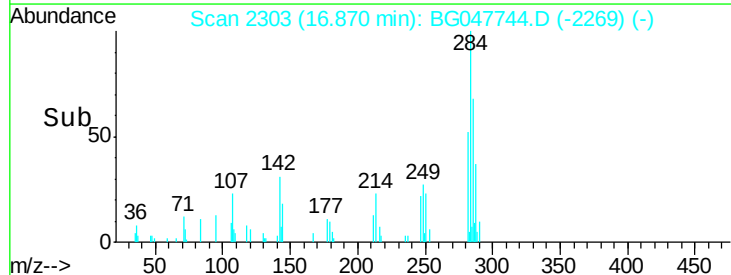
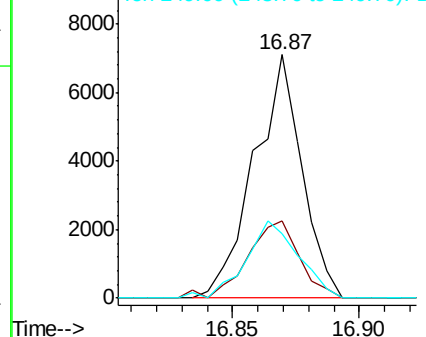


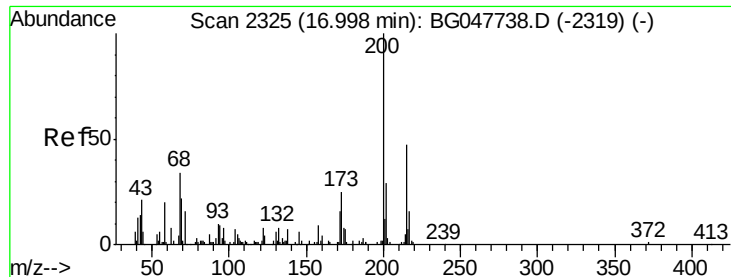
Abundance

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





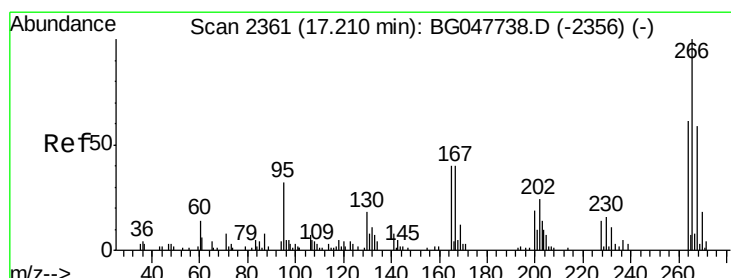
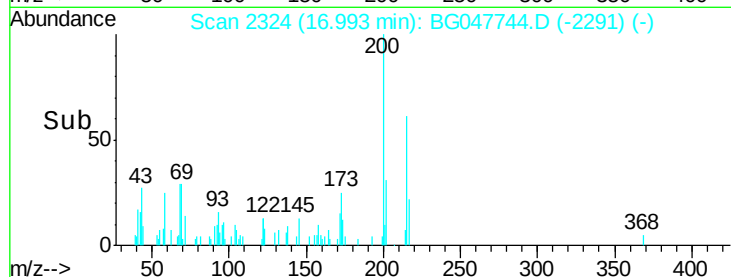
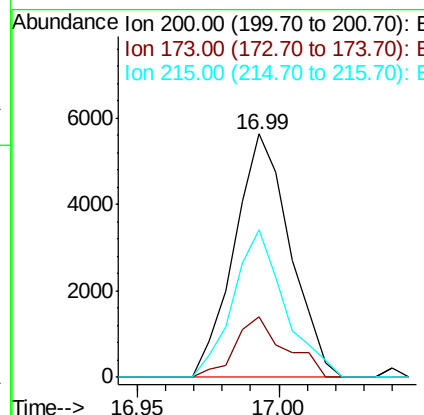
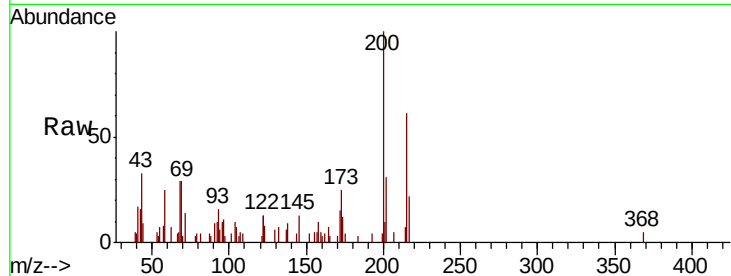
#70
Atrazine
Concen: 2.616 ng/ul
RT: 16.99 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	14.9	22.3#
215	60.7	42.5	63.7

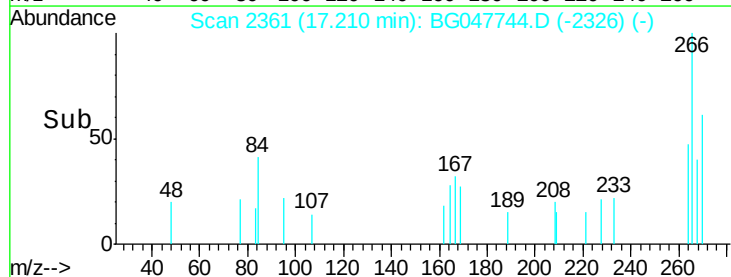
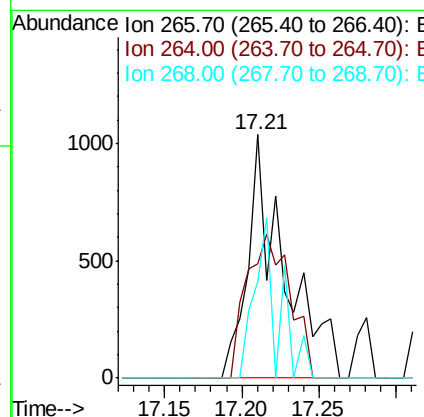
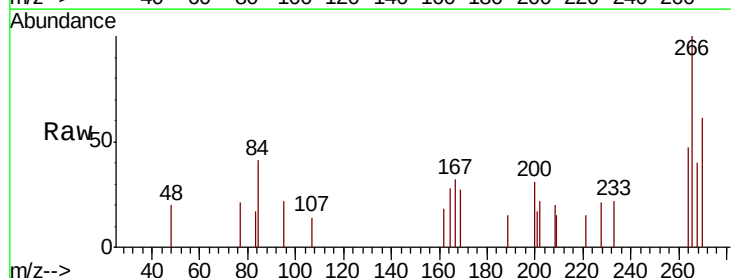
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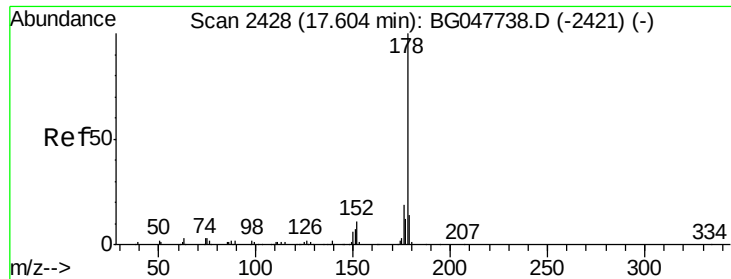
mohammad
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#71
Pentachlorophenol
Concen: 1.163 ng/ul m
RT: 17.21 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	46.8	56.8	85.2#
268	39.8	56.8	85.2#





#72

Phenanthrene

Concen: 2.907 ng/ul

RT: 17.60 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

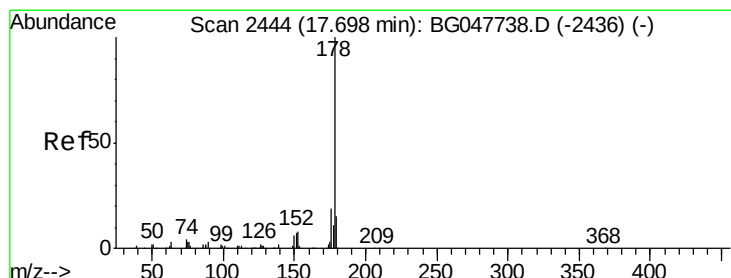
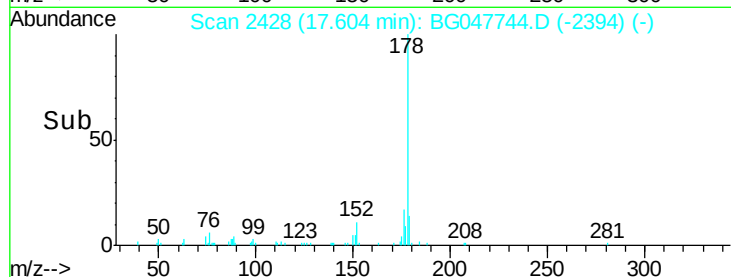
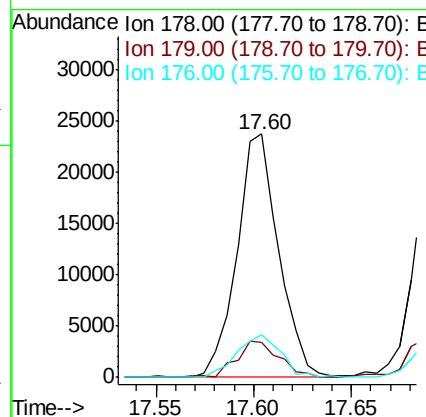
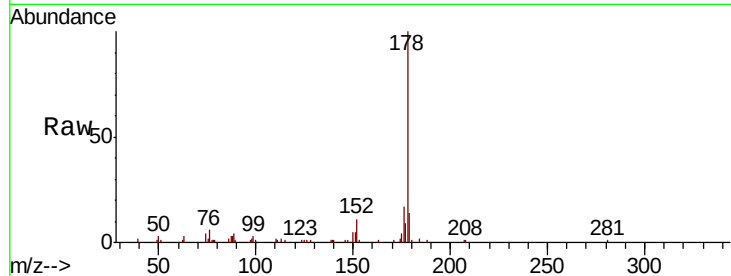
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	178	Resp:	35036
Ion	Ratio	Lower	Upper
178	100		
179	14.2	13.5	20.3
176	17.4	15.3	22.9

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#74

Anthracene

Concen: 2.851 ng/ul

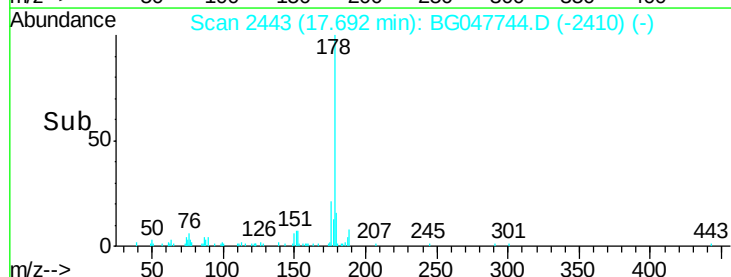
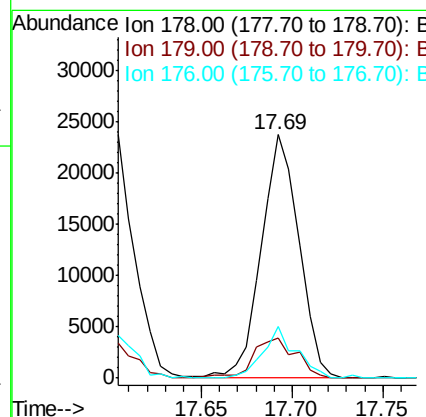
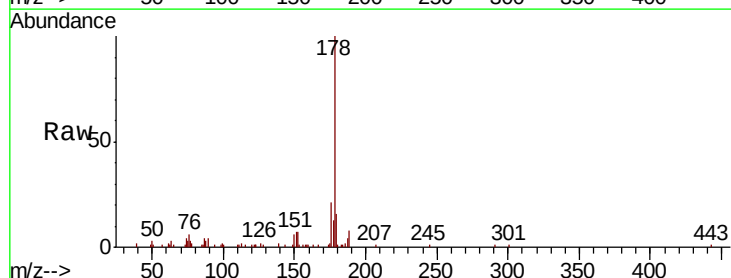
RT: 17.69 min Scan# 2443

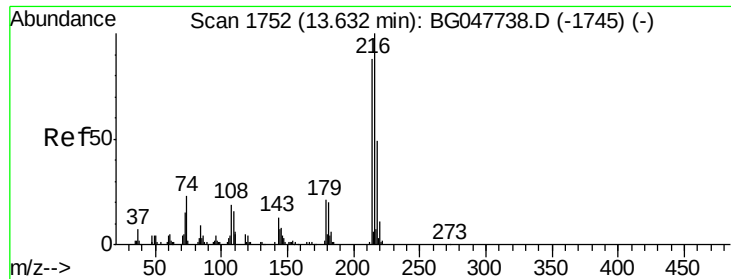
Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	178	Resp:	34321
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	21.0	15.4	23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.199 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

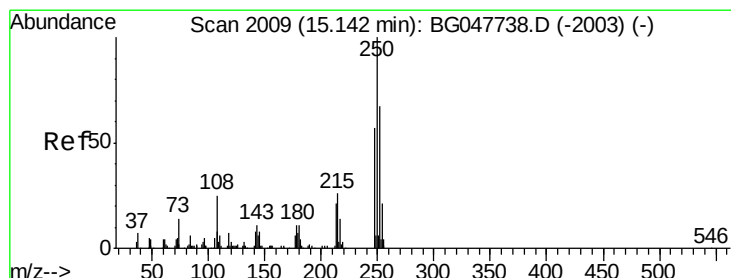
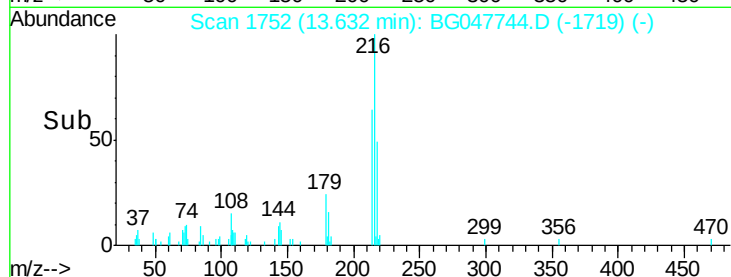
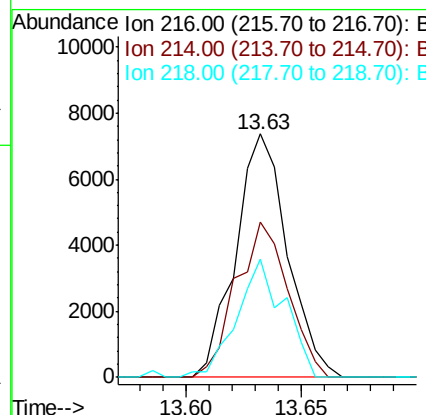
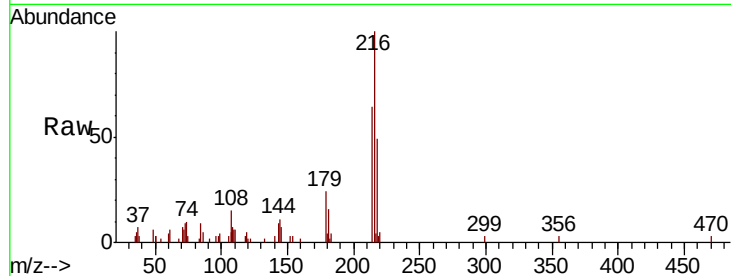
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	216	Resp:	11507
Ion Ratio	Lower	Upper	
216	100		
214	63.7	58.6	87.8
218	48.5	40.1	60.1

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#76

Pentachlorobenzene

Concen: 3.055 ng/uL

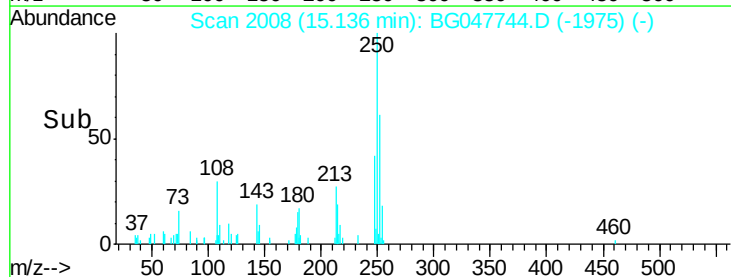
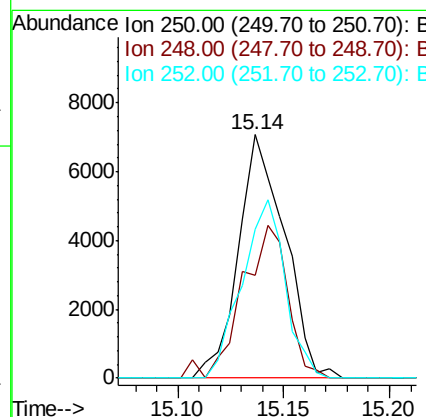
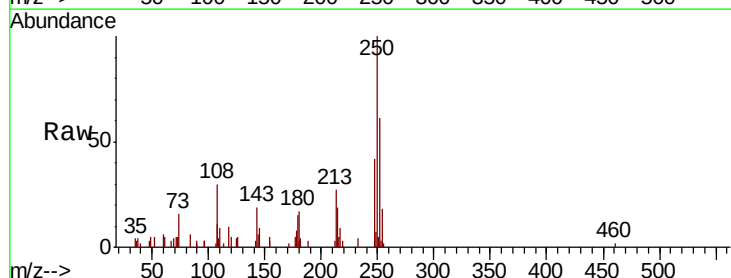
RT: 15.14 min Scan# 2008

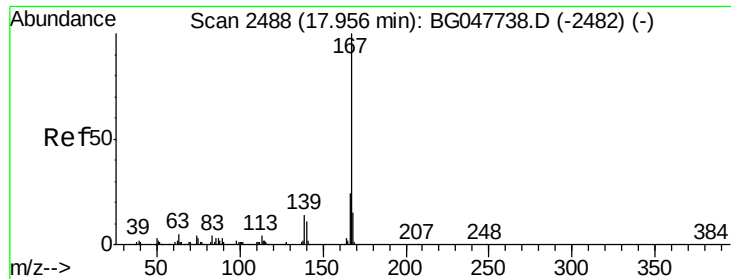
Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	250	Resp:	10722
Ion Ratio	Lower	Upper	
250	100		
248	42.3	49.4	74.0#
252	64.1	52.7	79.1





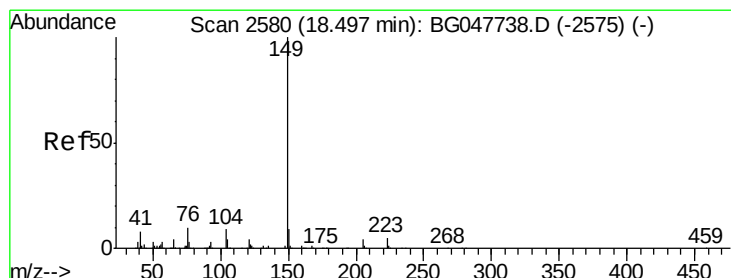
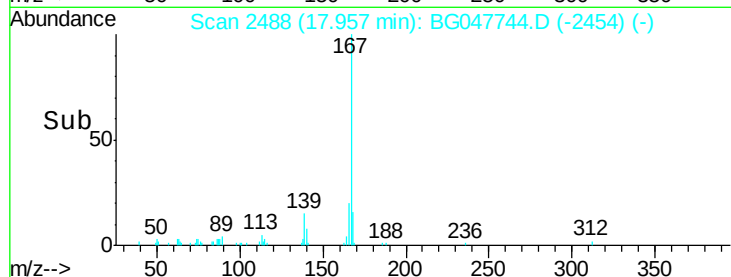
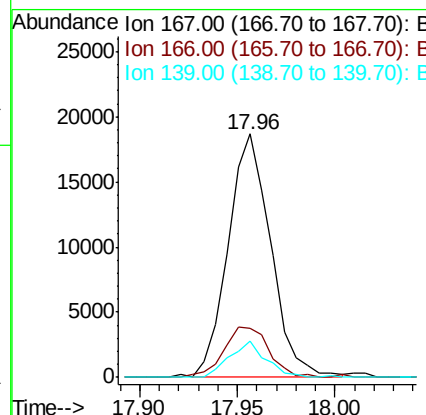
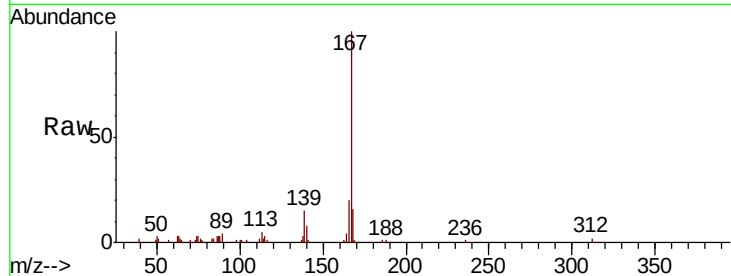
#77
 Carbazole
 Concen: 2.878 ng/ul
 RT: 17.96 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.6	26.4
139	14.9	10.2	15.2

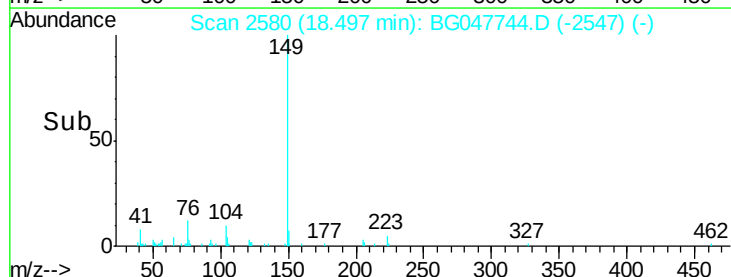
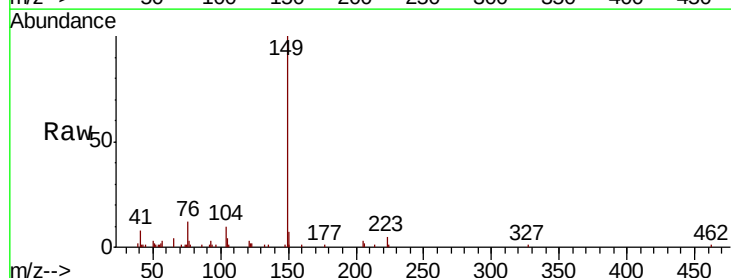
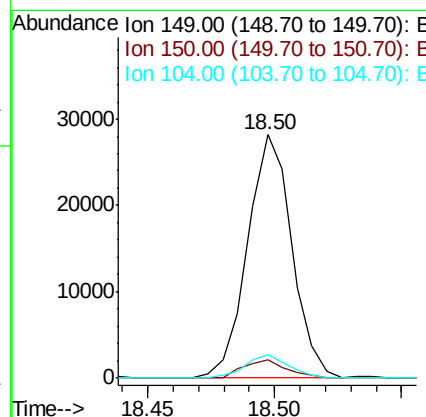
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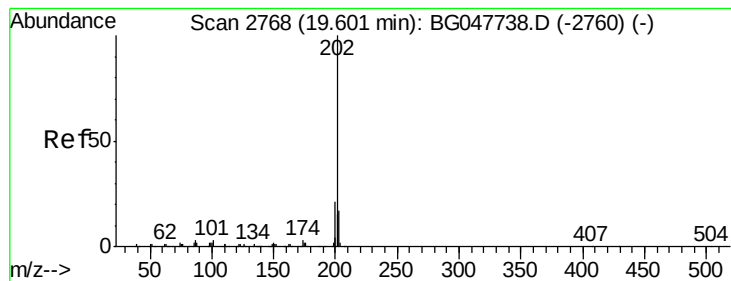
mohammad
 12/18/2020 10:23:22 AM



#78
 Di-n-butylphthalate
 Concen: 2.856 ng/ul
 RT: 18.50 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG047744.D
 Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	7.5	7.3	10.9
104	9.9	7.0	10.6





#80

Fluoranthene

Concen: 2.737 ng/ul

RT: 19.60 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

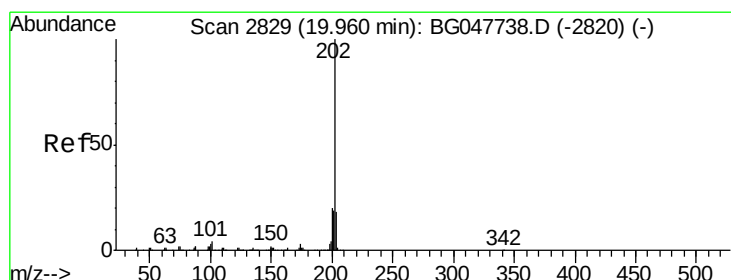
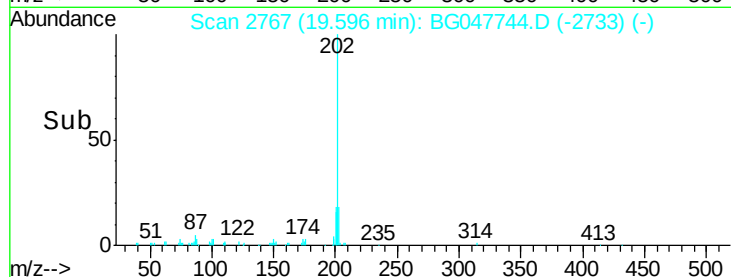
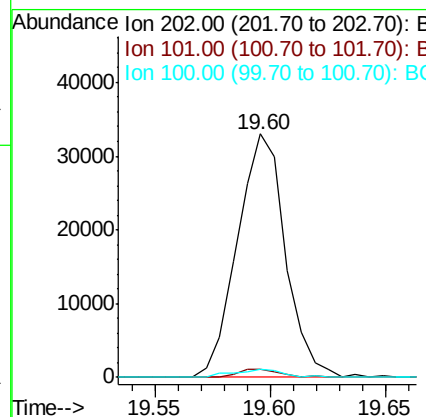
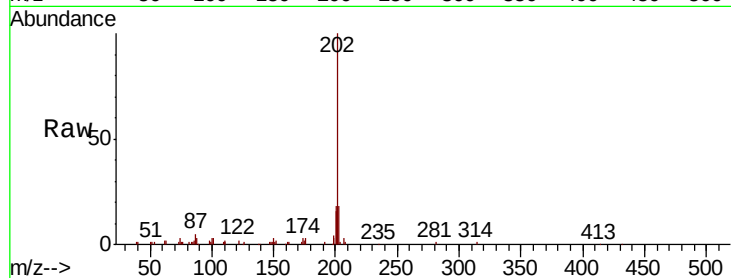
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	202	Resp:	47669
Ion Ratio	Lower	Upper	
202	100		
101	3.5	2.8	4.2
100	3.1	2.3	3.5

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#82

Pyrene

Concen: 2.880 ng/ul

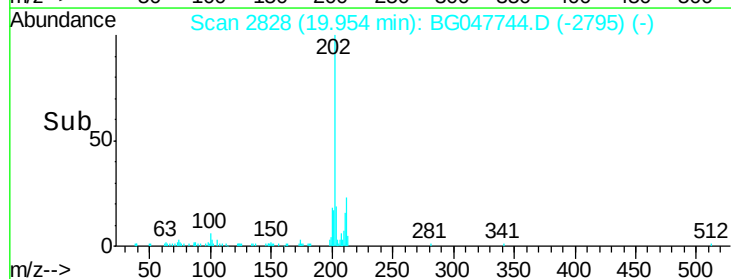
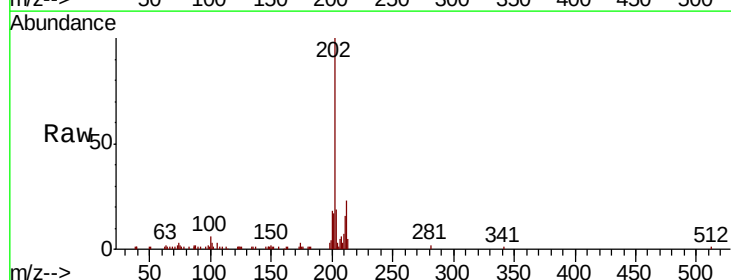
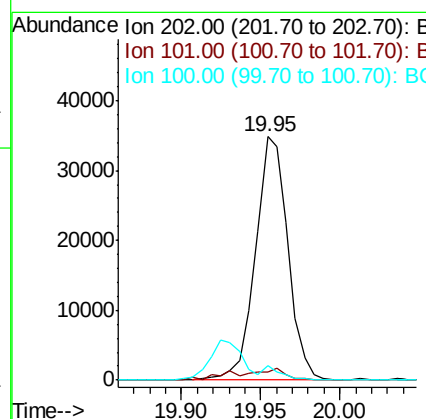
RT: 19.95 min Scan# 2828

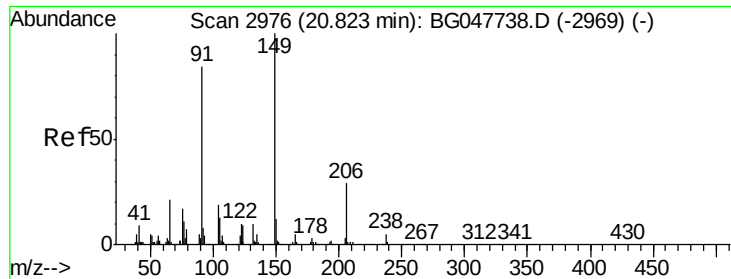
Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:	202	Resp:	49518
Ion Ratio	Lower	Upper	
202	100		
101	3.1	3.8	5.6#
100	5.8	3.0	4.6#





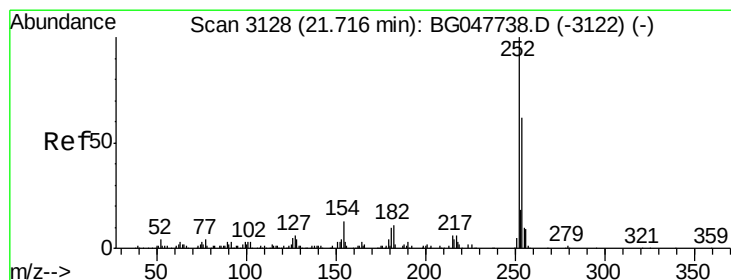
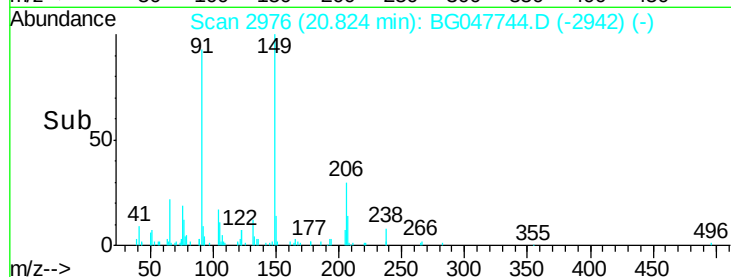
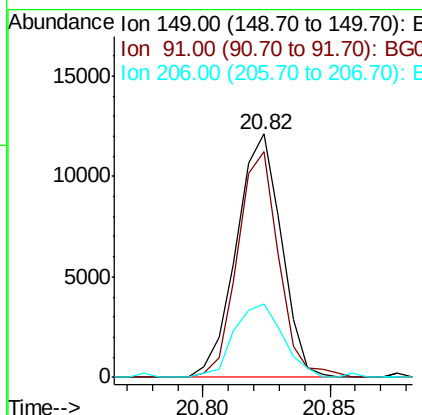
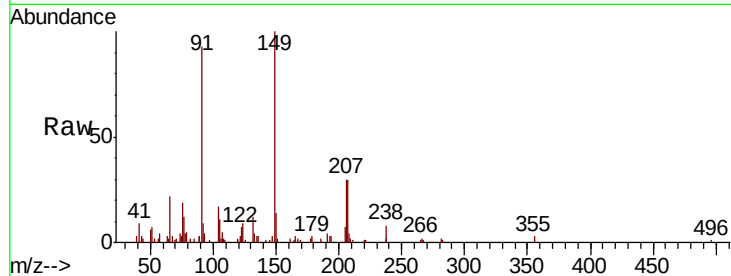
#83
Butylbenzylphthalate
Concen: 2.498 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
149	100		
91	93.0	64.6	97.0
206	29.9	20.3	30.5

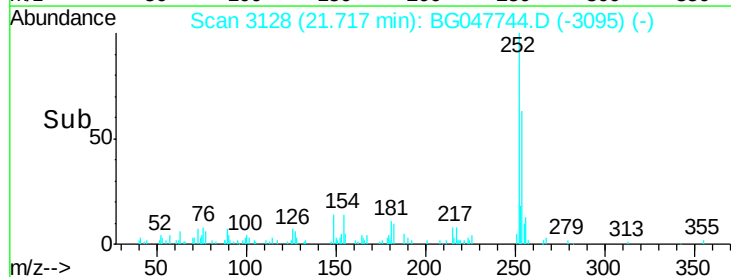
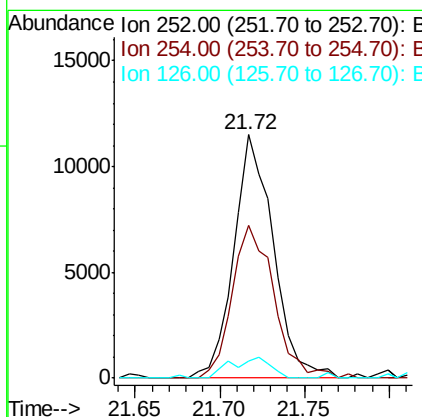
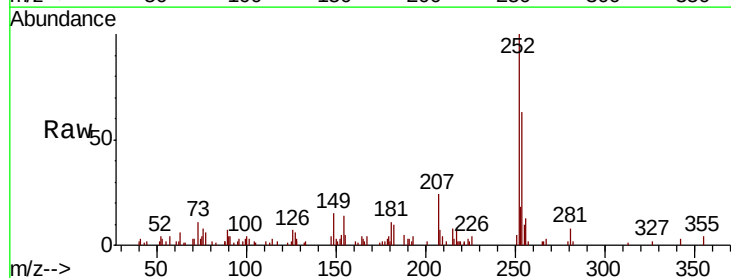
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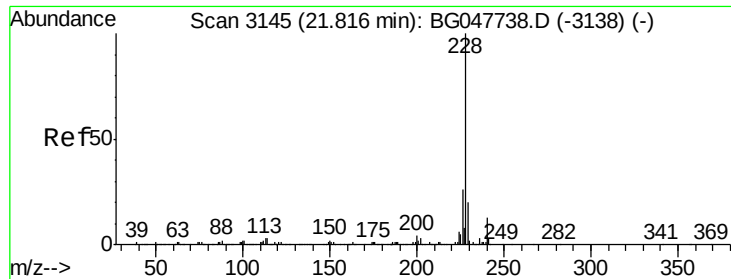
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 2.978 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	46.9	70.3
126	6.8	3.8	5.8#





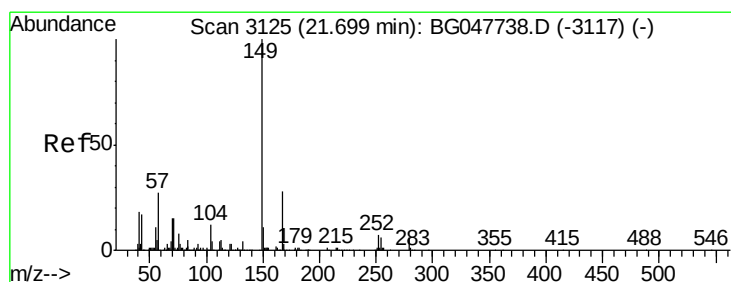
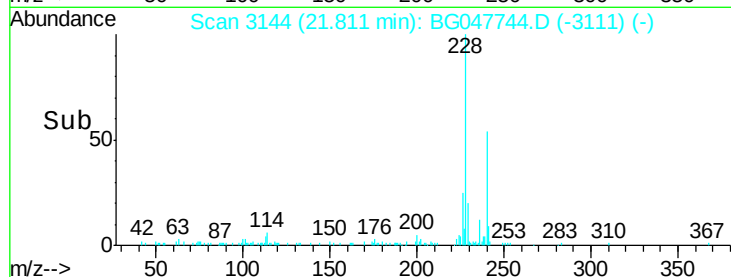
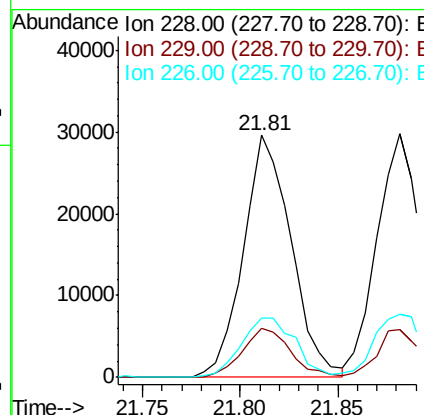
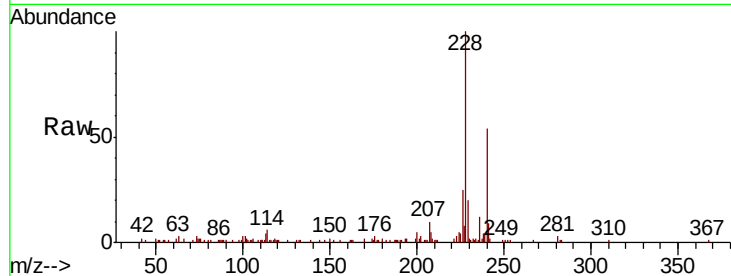
#85
Benzo(a)anthracene
Concen: 2.800 ng/ul
RT: 21.81 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.4
226	24.6	20.4	30.6

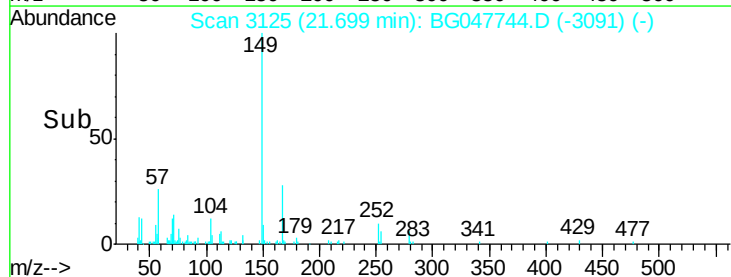
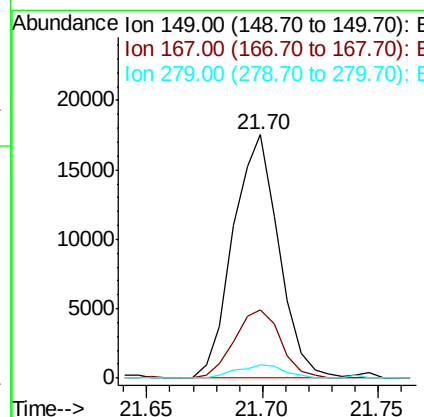
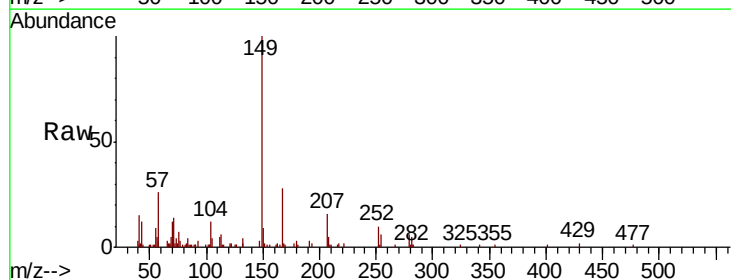
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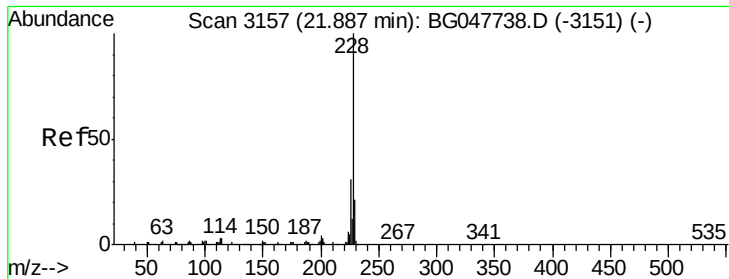
mohammad
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#86
Bis(2-ethylhexyl)phthalate
Concen: 2.917 ng/ul
RT: 21.70 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	25.1	37.7
279	5.6	5.2	7.8





#87

Chrysene

Concen: 2.829 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

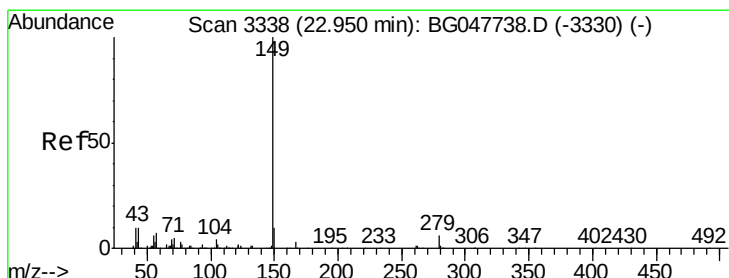
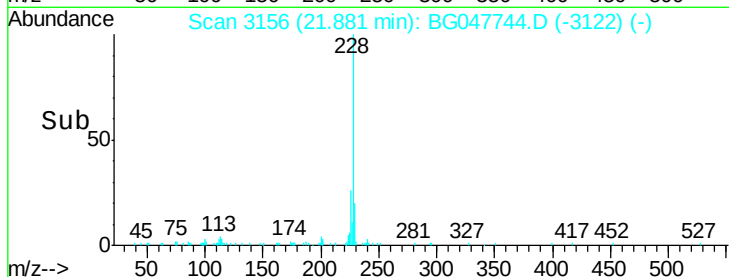
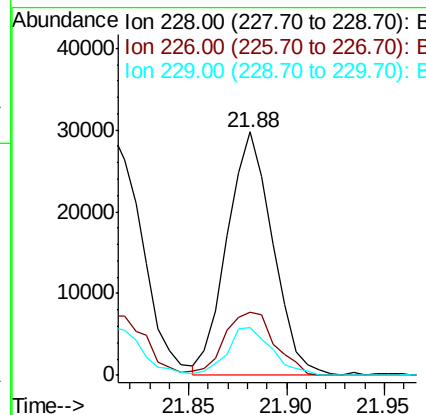
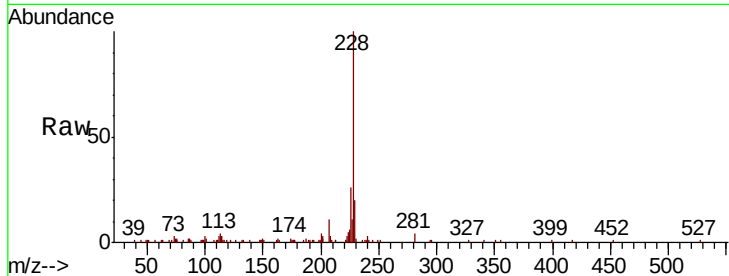
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	228	Resp:	48150
Ion Ratio	Lower	Upper	
228	100		
226	25.9	23.0	34.6
229	19.8	16.2	24.2

Manual Integrations
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#89

Di-n-octyl phthalate

Concen: 2.832 ng/ul

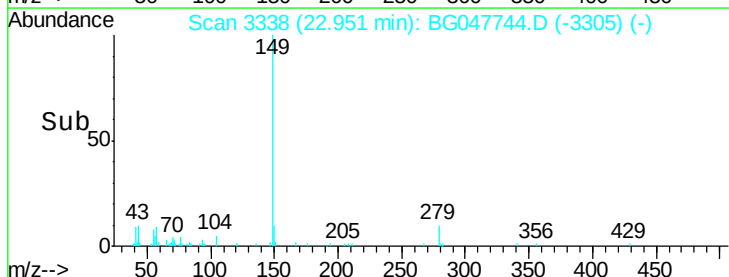
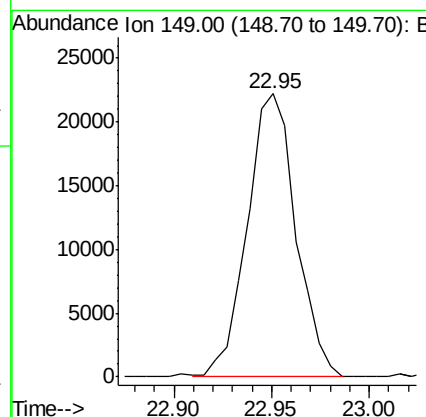
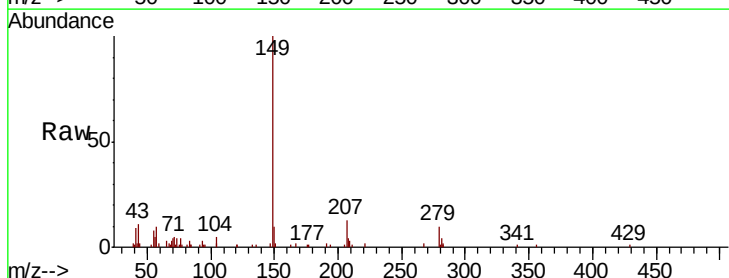
RT: 22.95 min Scan# 3338

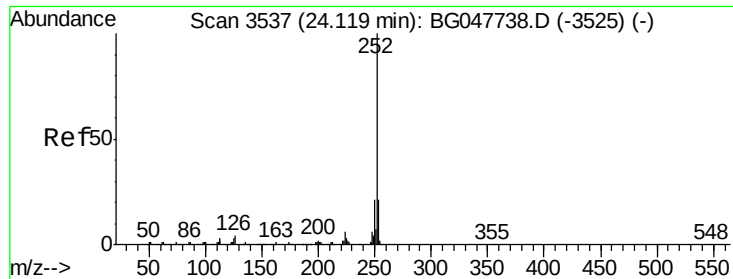
Delta R.T. -0.01 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:149 Resp: 38202





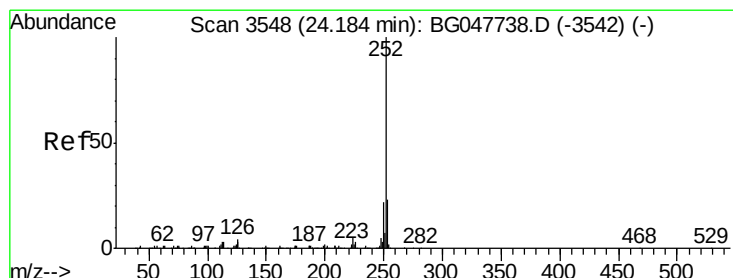
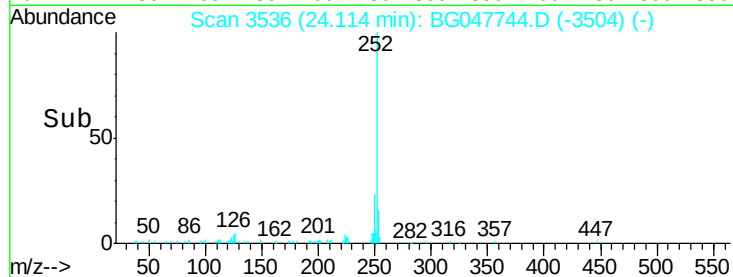
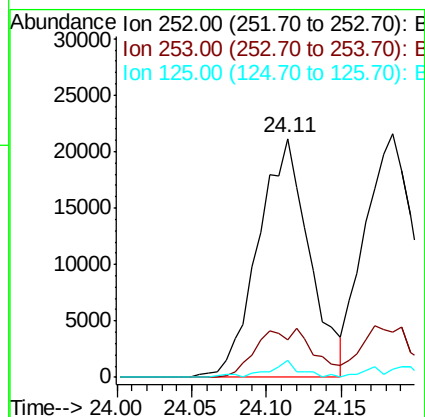
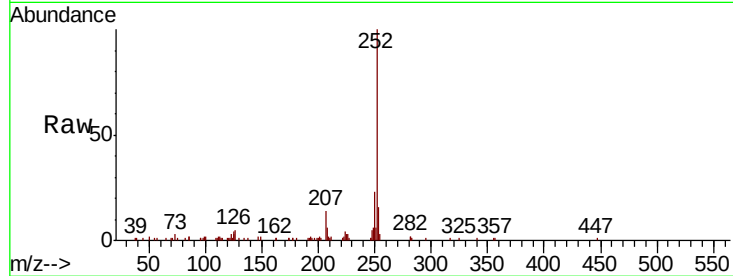
#90
Benzo(b)fluoranthene
Concen: 2.811 ng/ul
RT: 24.11 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	15.9	16.6	24.8#
125	7.0	1.8	2.8#

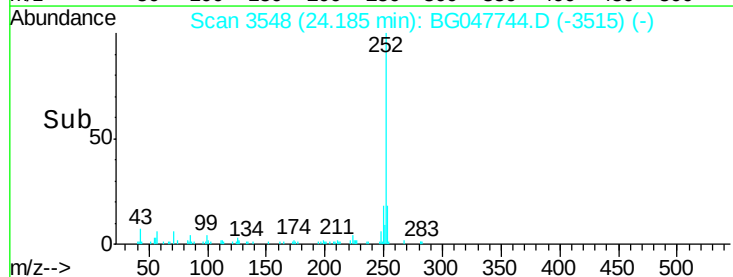
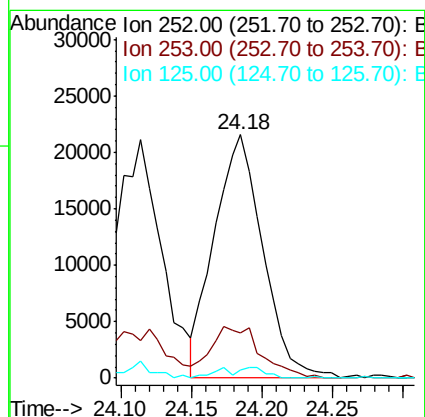
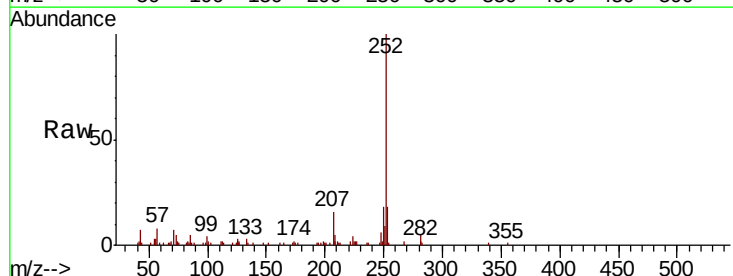
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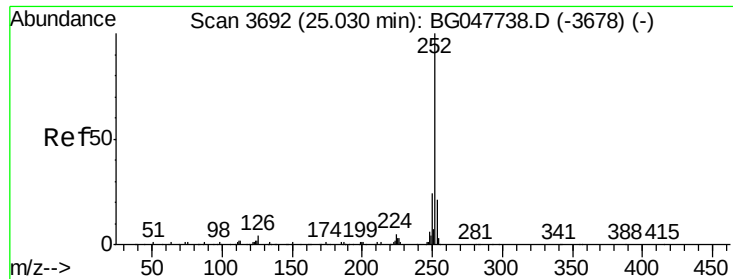
mohammad
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#91
Benzo(k)fluoranthene
Concen: 2.917 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.4	17.0	25.4
125	3.3	2.2	3.2#





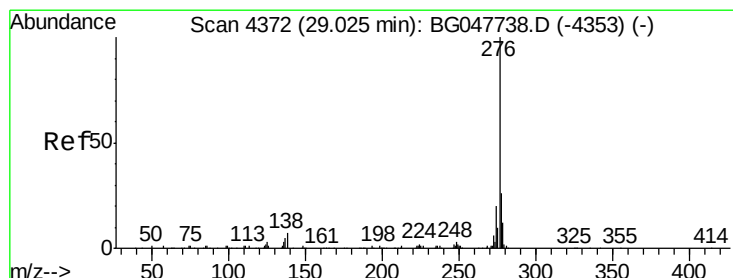
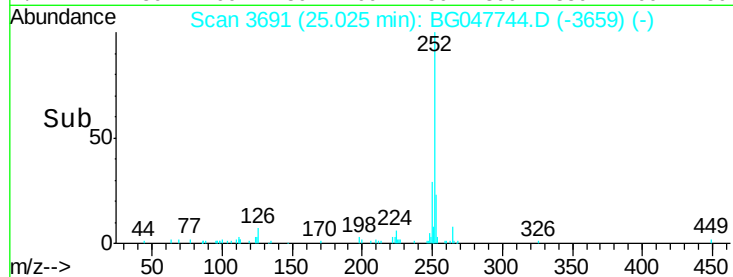
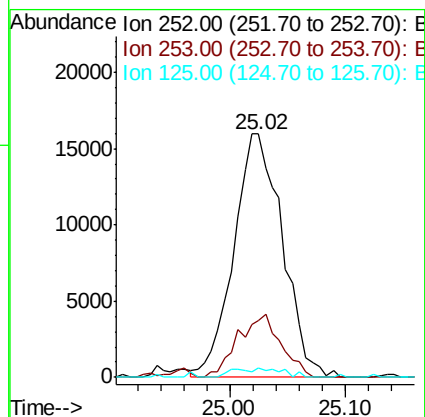
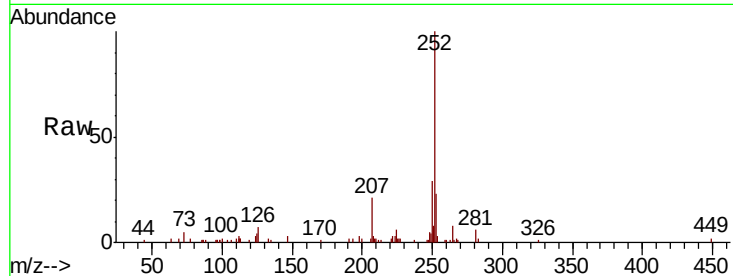
#93
Benzo(a)pyrene
Concen: 2.959 ng/ul
RT: 25.02 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	4.1	2.6	4.0#

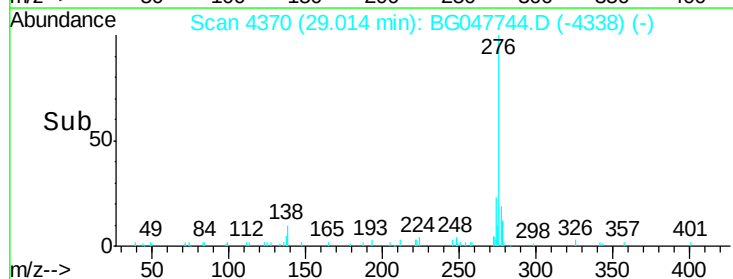
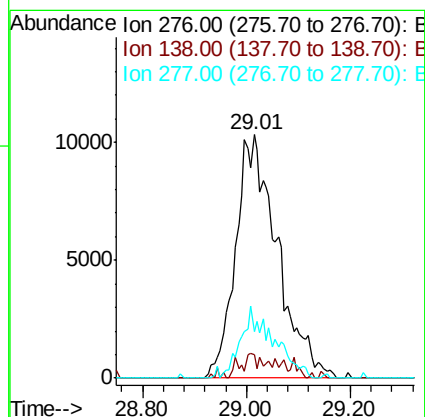
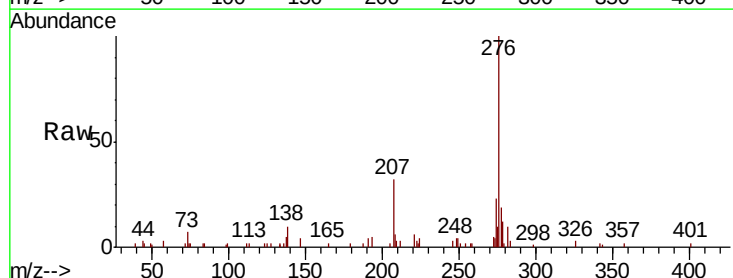
Manual Integrations
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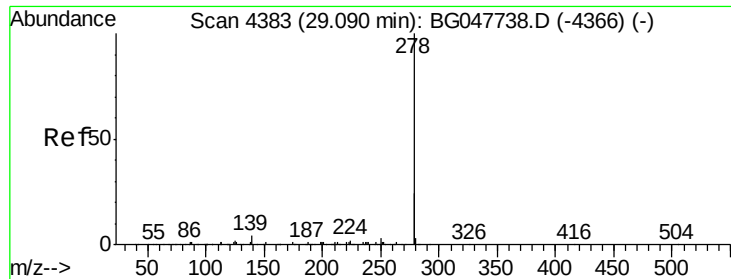
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.930 ng/ul m
RT: 29.01 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG047744.D
Acq: 15 Dec 2020 12:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	5.1	7.7#
277	18.8	18.4	27.6





#95

Dibenzo(a,h)anthracene

Concen: 2.982 ng/ul m

RT: 29.08 min Scan# 4381

Delta R.T. -0.02 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:278 Resp: 48420

Ion Ratio Lower Upper

278 100

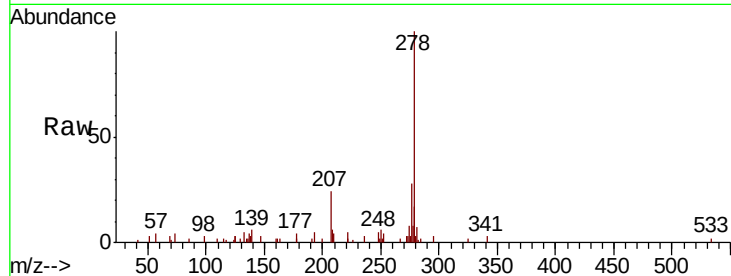
139 6.2 3.5 5.3#

279 17.2 18.6 28.0#

Manual Integrations
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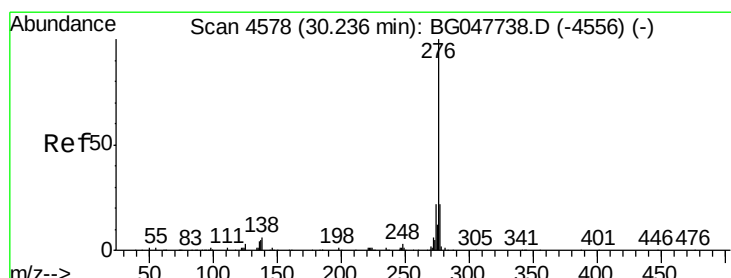
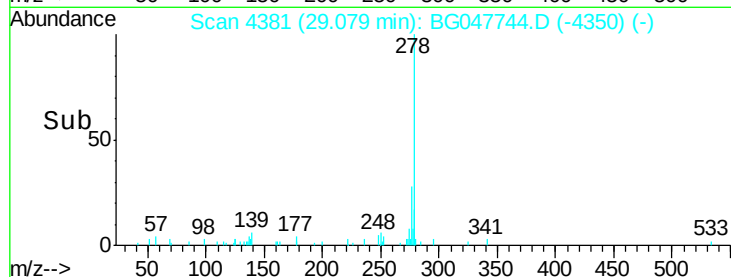
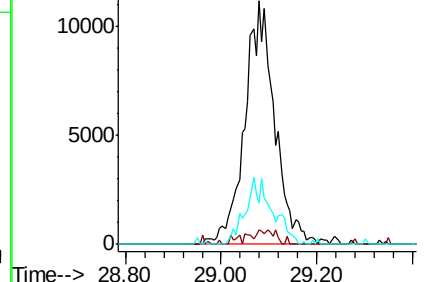
12/18/2020 10:23:22 AM



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: 2.808 ng/ul m

RT: 30.21 min Scan# 4574

Delta R.T. -0.03 min

Lab File: BG047744.D

Acq: 15 Dec 2020 12:54

Tgt Ion:276 Resp: 45210

Ion Ratio Lower Upper

276 100

138 8.5 4.2 6.4#

277 21.8 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

