

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
 Data File : BG047742.D
 Acq On : 15 Dec 2020 11:33
 Operator : CG/JU
 Sample : L4485-05
 Misc : MDL-SOIL-05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-05

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 12:23:45 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	26612	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	102392	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	78652	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	207165	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	240710	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	247378	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2755	4.56	ng/uL	0.00
4) Pyridine-d5	3.95	84	38423	22.37	ng/ul	0.00
7) Phenol-d5	7.34	99	70481	31.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	37600	31.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	51761	30.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	56540	33.30	ng/ul	0.00
21) Nitrobenzene-d5	9.38	128	25268	29.33	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	31414	32.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	63368	30.59	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	70504	29.24	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	204519	31.51	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	248440	33.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	29420	29.76	ng/ul	0.00
60) Fluorene-d10	15.81	176	183888	30.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.91	200	38736	27.32	ng/ul	0.00
73) Anthracene-d10	17.66	188	306117	30.39	ng/ul	0.00
81) Pyrene-d10	19.93	212	396175	30.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	413364	29.78	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	304m	0.487	ng/uL
5) Pyridine	3.98	79	4449m	2.762	ng/ul
6) Benzaldehyde	7.33	77	4621	4.505	ng/ul# 58
8) Phenol	7.36	94	5568	2.538	ng/ul 86
10) Bis(2-Chloroethyl)ether	7.61	93	3880	2.543	ng/ul# 85
12) 2-Chlorophenol	7.76	128	4602	2.748	ng/ul 93
13) 2-Methylphenol	8.64	108	4345	2.603	ng/ul 88
14) 2,2'-oxybis(1-Chloropropan	8.73	45	3935	2.771	ng/ul# 89
16) Acetophenone	9.03	105	8186	2.870	ng/ul# 76
17) N-Nitroso-di-n-propylamine	9.01	70	4088	2.611	ng/ul# 75
18) 4-Methylphenol	8.96	108	4763	2.601	ng/ul 98
19) Hexachloroethane	9.30	117	2150	2.621	ng/ul# 80
22) Nitrobenzene	9.41	77	6731	2.624	ng/ul# 71
23) Isophorone	9.94	82	12581	2.823	ng/ul# 91
25) 2-Nitrophenol	10.13	139	2732	2.666	ng/ul# 82
26) 2,4-Dimethylphenol	10.18	107	5672	2.358	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.42	93	5016	2.359	ng/ul# 60
29) 2,4-Dichlorophenol	10.66	162	4826	2.539	ng/ul# 78
30) Naphthalene	11.08	128	14421	2.549	ng/ul# 94
32) 4-Chloroaniline	11.18	127	6303	2.735	ng/ul 91
33) Hexachlorobutadiene	11.36	225	4982	2.441	ng/ul# 75
34) Caprolactam	11.95	113	1895m	2.944	ng/ul

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 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)
35) 4-Chloro-3-methylphenol	12.28	107	5491	2.621	ng/ul#	84
36) 2-Methylnaphthalene	12.67	142	11455	2.683	ng/ul	90
37) 1-Methylnaphthalene	12.88	142	10548	2.586	ng/ul#	95
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	8903	2.749	ng/ul#	86
40) Hexachlorocyclopentadiene	13.01	237	3463	1.631	ng/ul	96
41) 2,4,6-Trichlorophenol	13.26	196	4387	2.259	ng/ul	84
42) 2,4,5-Trichlorophenol	13.34	196	5344	2.598	ng/ul#	69
43) 1,1'-Biphenyl	13.66	154	14882	2.450	ng/ul	98
44) 2-Chloronaphthalene	13.71	162	13571	2.838	ng/ul	93
45) 2-Nitroaniline	13.89	65	3825m	2.329	ng/ul	
47) Dimethylphthalate	14.26	163	17741	2.667	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	3982	2.834	ng/ul#	56
50) Acenaphthylene	14.55	152	18034	2.578	ng/ul#	93
51) 3-Nitroaniline	14.72	138	3401	3.371	ng/ul	85
52) Acenaphthene	14.89	153	13272	2.670	ng/ul	98
53) 2,4-Dinitrophenol	14.94	184	634	0.761	ng/ul#	75
55) 4-Nitrophenol	15.00	109	4742m	2.829	ng/ul	
56) Dibenzofuran	15.22	168	20491	2.846	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	5045	2.505	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.44	232	4218	2.214	ng/ul#	87
59) Diethylphthalate	15.62	149	16660	2.530	ng/ul#	89
61) Fluorene	15.86	166	15966	2.580	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.85	204	10047	2.596	ng/ul	91
63) 4-Nitroaniline	15.87	138	3346	3.527	ng/ul#	90
66) 4,6-Dinitro-2-methylphenol	15.93	198	3470	2.411	ng/ul#	89
67) N-Nitrosodiphenylamine	16.06	169	15478	2.685	ng/ul#	84
68) 4-Bromophenyl-phenylether	16.74	248	6874	2.584	ng/ul#	91
69) Hexachlorobenzene	16.87	284	8216	2.814	ng/ul#	82
70) Atrazine	17.00	200	6787	2.472	ng/ul#	92
71) Pentachlorophenol	17.21	266	1164	0.848	ng/ul#	71
72) Phenanthrene	17.60	178	29489	2.622	ng/ul	99
74) Anthracene	17.70	178	28376m	2.525	ng/ul	
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	8944	2.664	ng/uL	96
76) Pentachlorobenzene	15.14	250	9613	2.934	ng/uL#	80
77) Carbazole	17.95	167	22979	2.508	ng/ul	97
78) Di-n-butylphthalate	18.50	149	27699	2.465	ng/ul	98
80) Fluoranthene	19.60	202	40047	2.427	ng/ul#	94
82) Pyrene	19.96	202	42882	2.633	ng/ul#	97
83) Butylbenzylphthalate	20.82	149	13844	2.437	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.72	252	16385	2.765	ng/ul#	98
85) Benzo(a)anthracene	21.81	228	45851	2.699	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	19847	2.534	ng/ul#	90
87) Chrysene	21.88	228	43090m	2.673	ng/ul	
89) Di-n-octyl phthalate	22.95	149	35761	2.747	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	46470	2.688	ng/ul#	99
91) Benzo(k)fluoranthene	24.18	252	44883	2.627	ng/ul#	91
93) Benzo(a)pyrene	25.03	252	43955m	2.883	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.99	276	50019m	2.651	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	43731m	2.791	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	41109m	2.645	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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

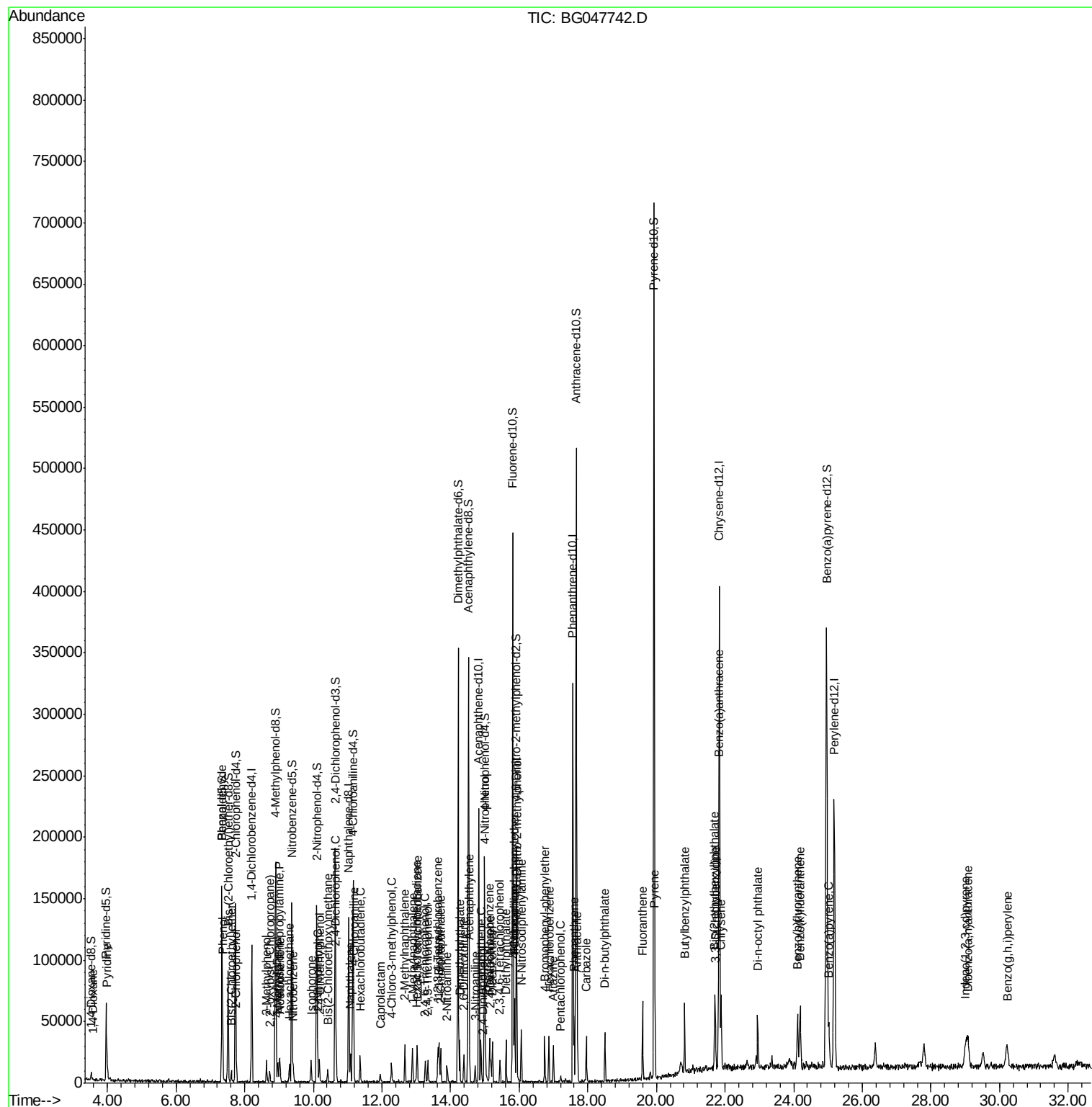
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
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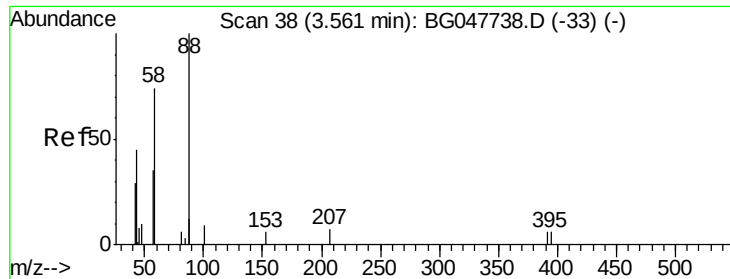
Instrument :
 BNA_G
 ClientSampleId :
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#2

1,4-Dioxane

Concen: 0.487 ng/uL m

RT: 3.56 min Scan# 38

Delta R.T. 0.01 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

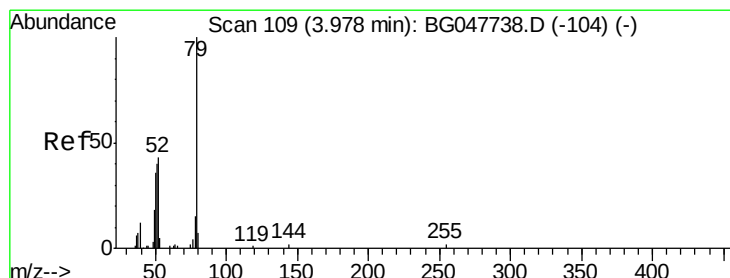
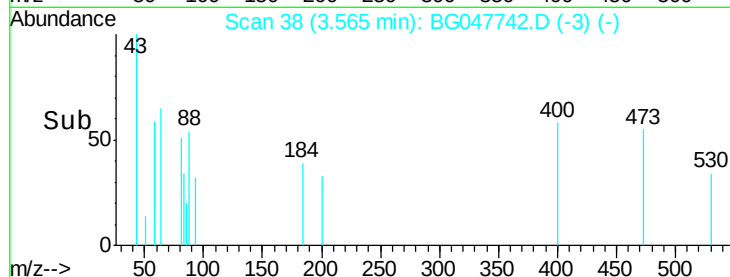
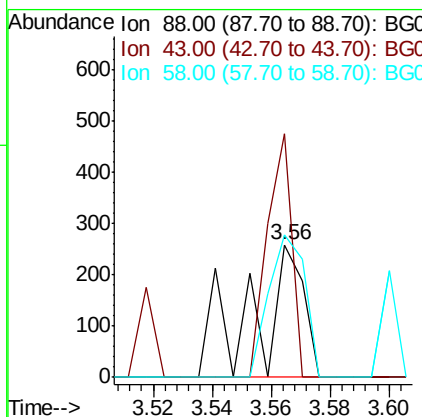
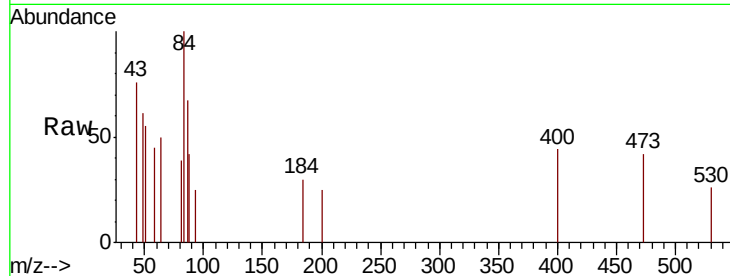
ClientSampleId :

MDL-SOIL-05

Tot Ion:	88	Resp:	304
Ion	Ratio	Lower	Upper
88	100		
43	183.8	40.6	61.0#
58	107.7	54.0	81.0#

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#5

Pyridine

Concen: 2.762 ng/uL m

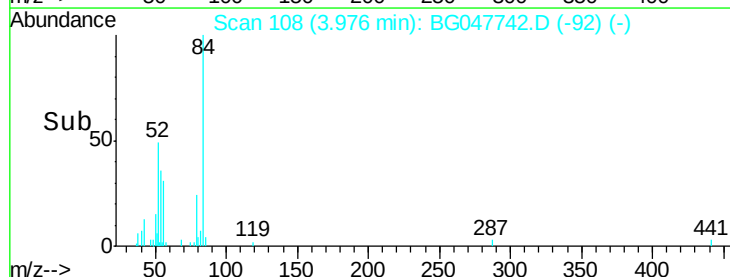
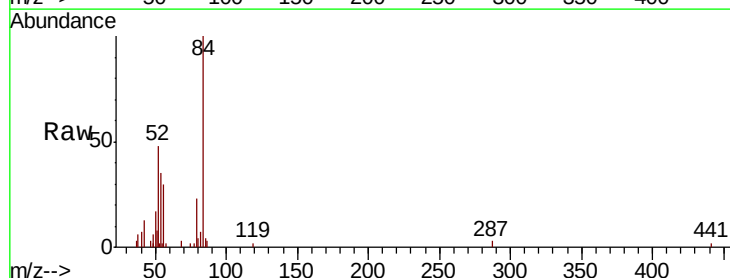
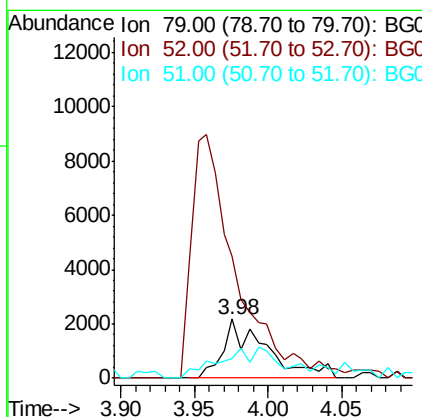
RT: 3.98 min Scan# 108

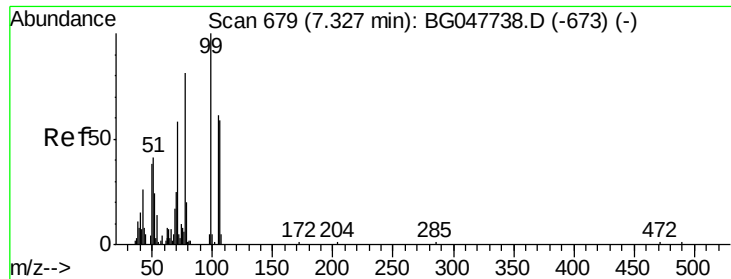
Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	79	Resp:	4449
Ion	Ratio	Lower	Upper
79	100		
52	207.7	60.8	91.2#
51	34.0	42.4	63.6#





#6

Benzaldehyde

Concen: 4.505 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

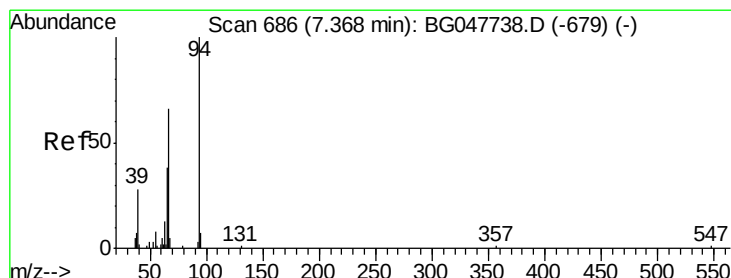
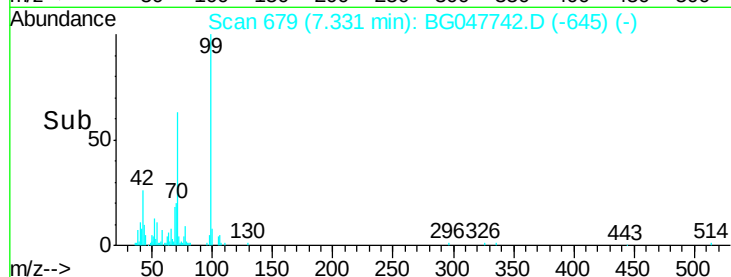
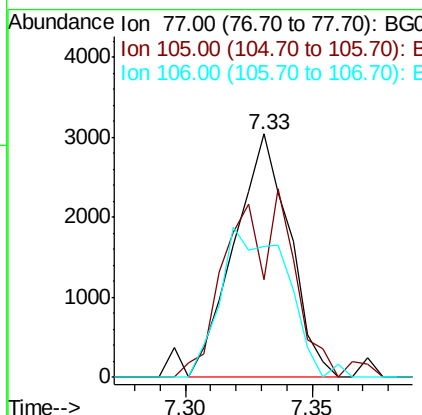
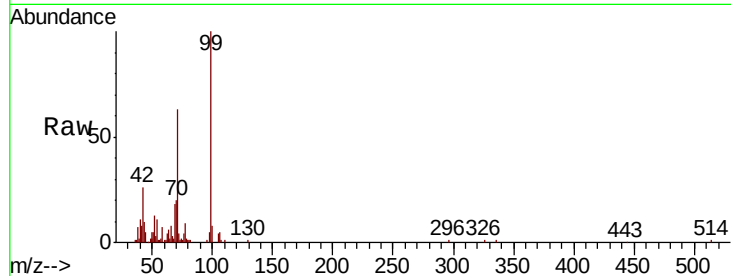
ClientSampleId :

MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
77	100		
105	40.2	67.9	101.9#
106	53.7	68.1	102.1#

Manual Integrations
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#8

Phenol

Concen: 2.538 ng/ul

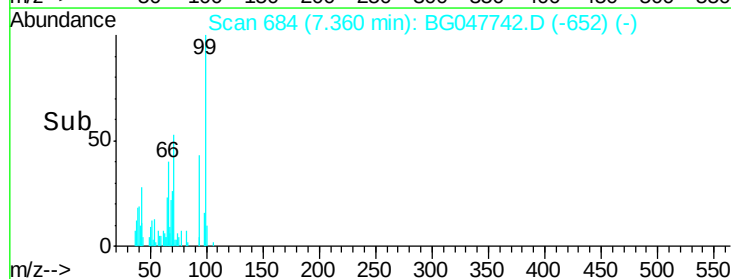
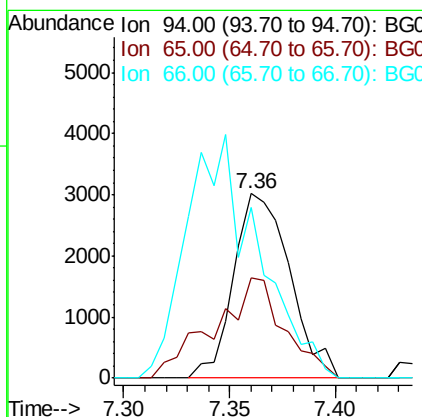
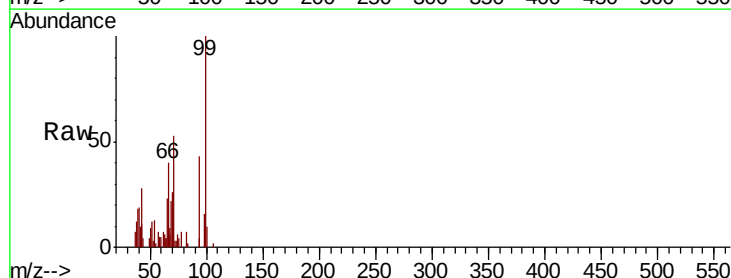
RT: 7.36 min Scan# 684

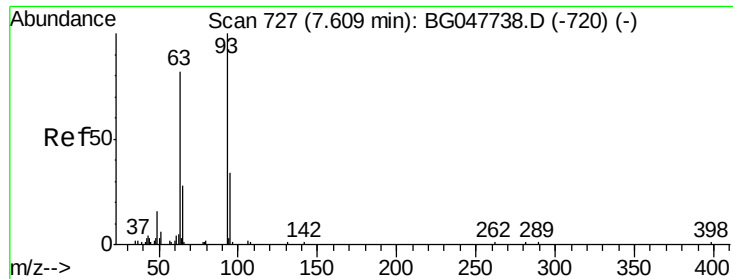
Delta R.T. -0.01 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	54.4	37.2	55.8
66	92.8	63.2	94.8





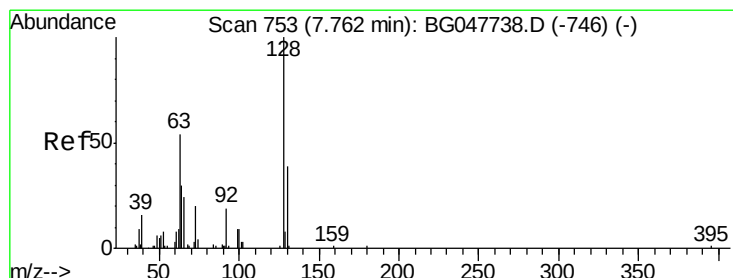
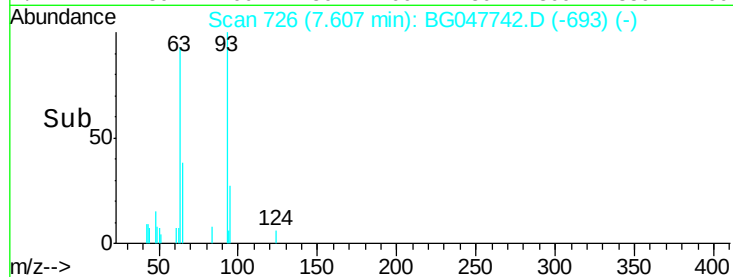
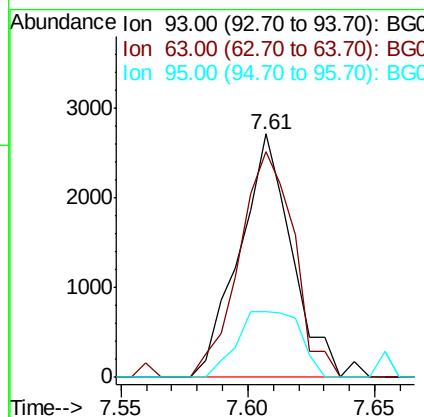
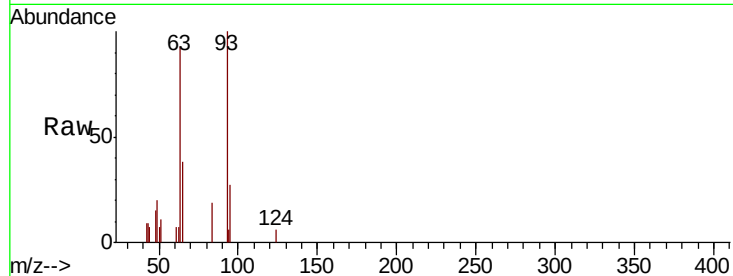
#10
 Bis(2-Chloroethyl)ether
 Concen: 2.543 ng/ul
 RT: 7.61 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
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Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	58.2	87.4#
95	25.3	23.4	35.2

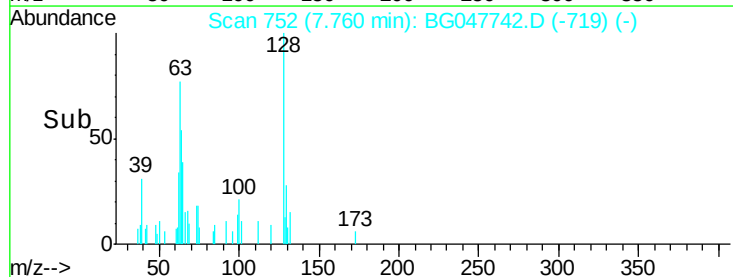
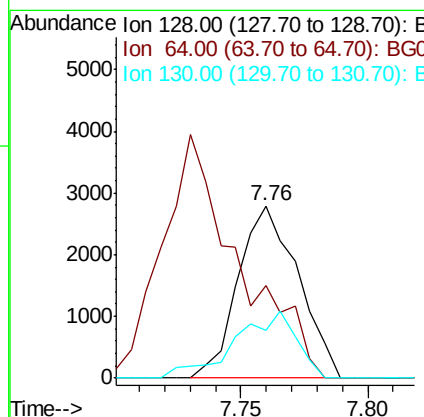
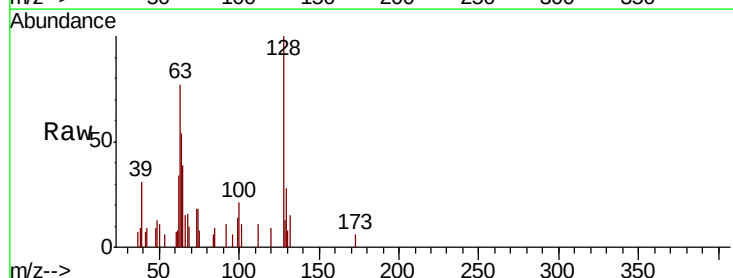
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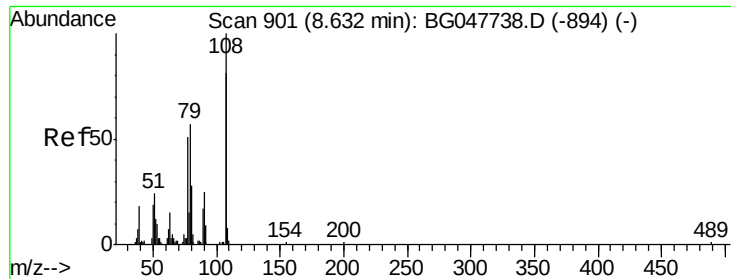
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#12
 2-Chlorophenol
 Concen: 2.748 ng/ul
 RT: 7.76 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
128	100		
64	54.1	40.2	60.2
130	35.6	24.6	36.8





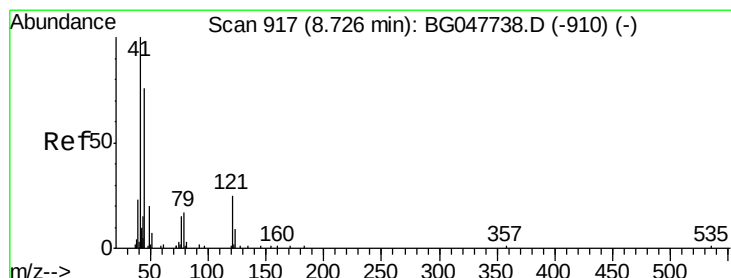
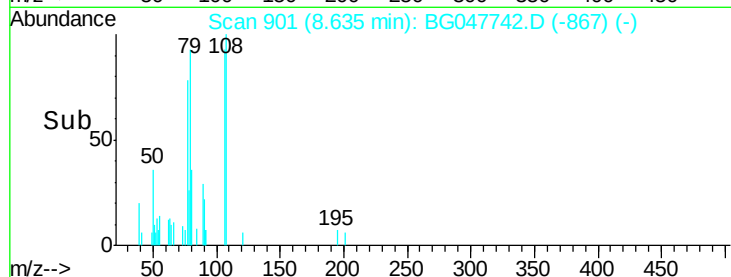
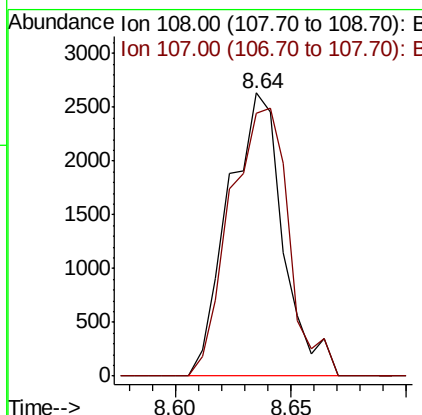
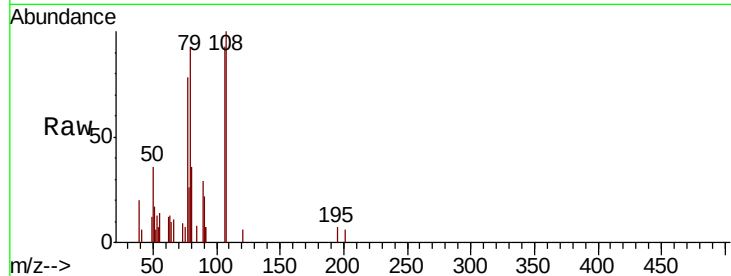
#13
2-Methylphenol
Concen: 2.603 ng/ul
RT: 8.64 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
108	100		
107	92.9	83.8	125.6

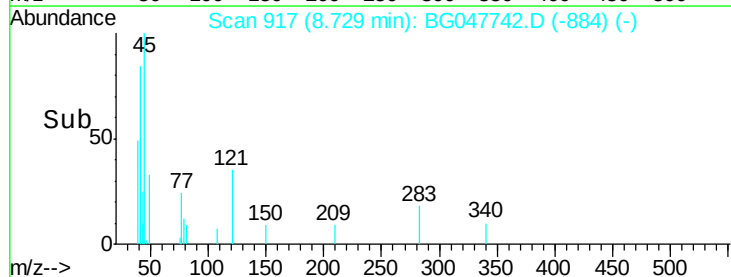
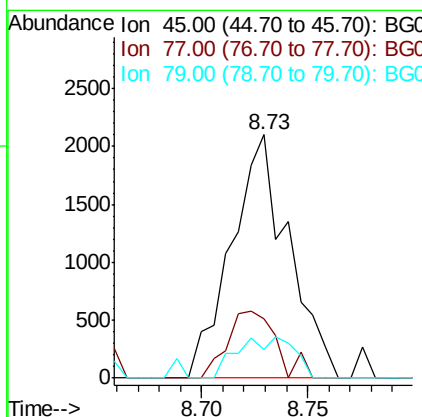
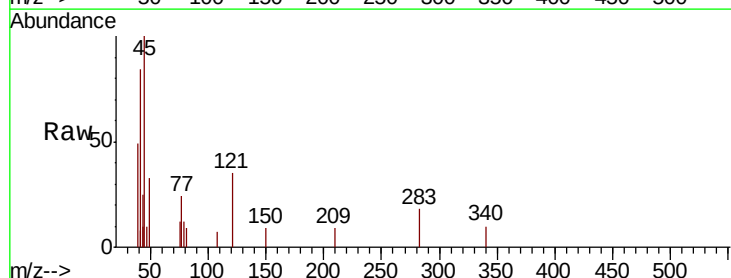
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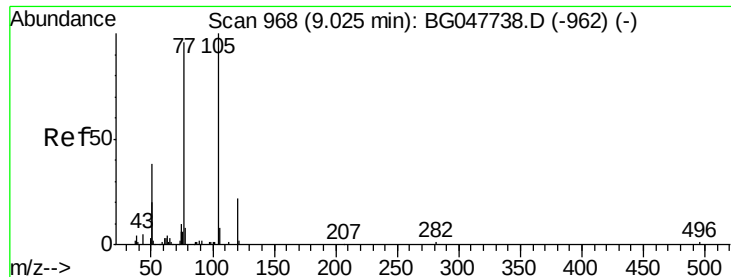
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.771 ng/ul
RT: 8.73 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG047742.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	18.3	27.5
79	12.0	17.0	25.6#





#16

Acetophenone

Concen: 2.870 ng/ul

RT: 9.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

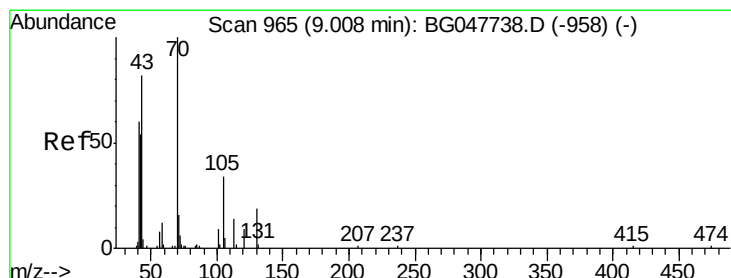
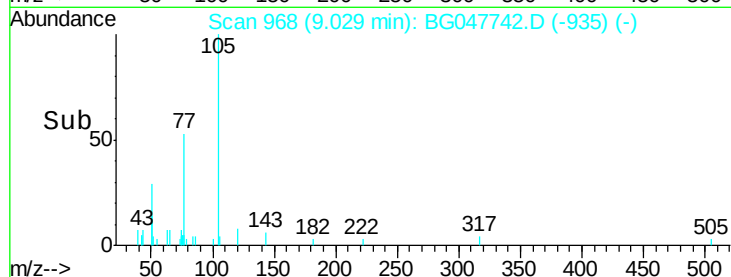
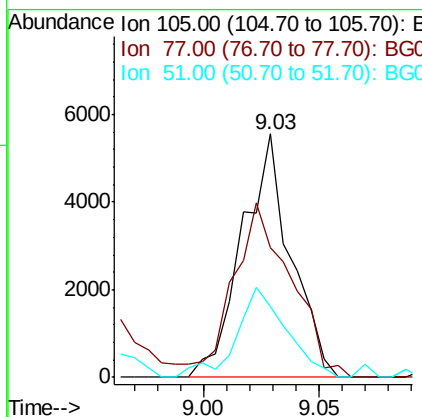
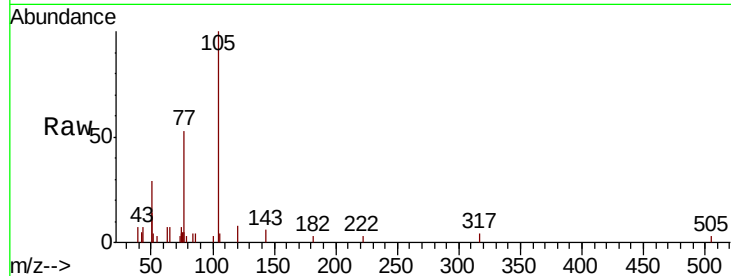
ClientSampleId :

MDL-SOIL-05

Tot Ion:	105	Resp:	8186
Ion Ratio	Lower	Upper	
105	100		
77	53.2	64.5	96.7#
51	29.3	27.7	41.5

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#17

N-Nitroso-di-n-propylamine

Concen: 2.611 ng/ul

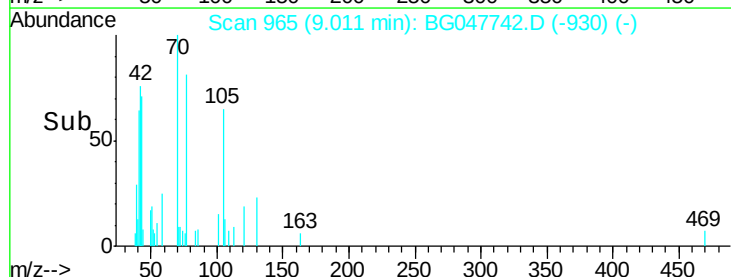
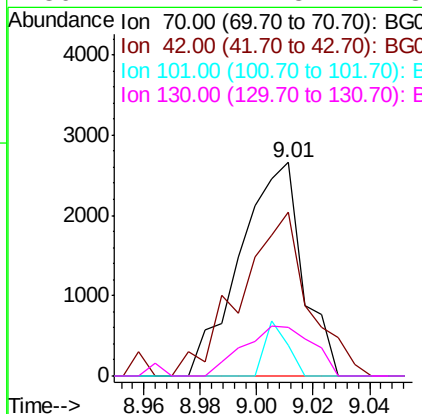
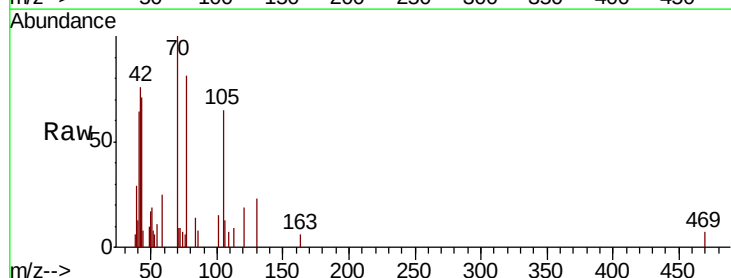
RT: 9.01 min Scan# 965

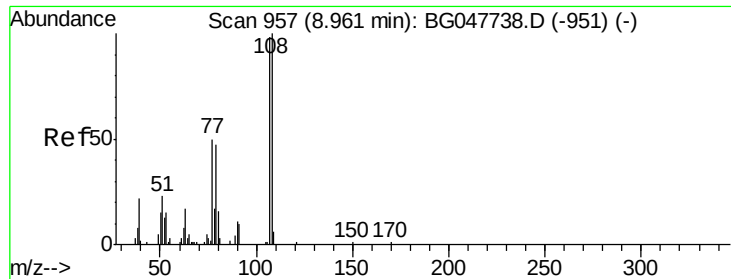
Delta R.T. 0.01 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	70	Resp:	4088
Ion Ratio	Lower	Upper	
70	100		
42	76.4	45.0	67.6#
101	14.7	7.0	10.4#
130	22.7	11.8	17.8#





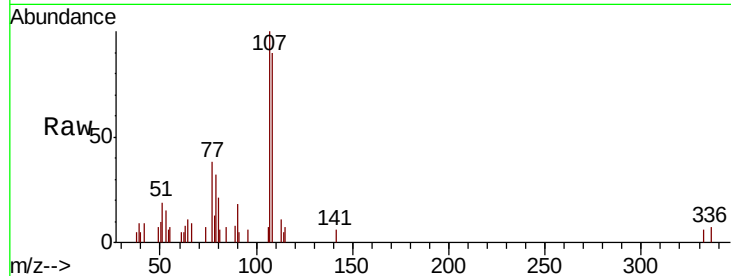
#18
4-Methylphenol
Concen: 2.601 ng/ul
RT: 8.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

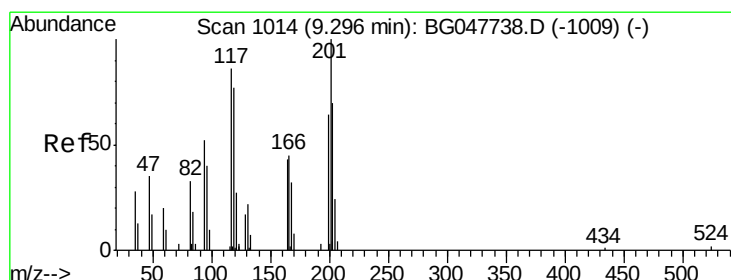
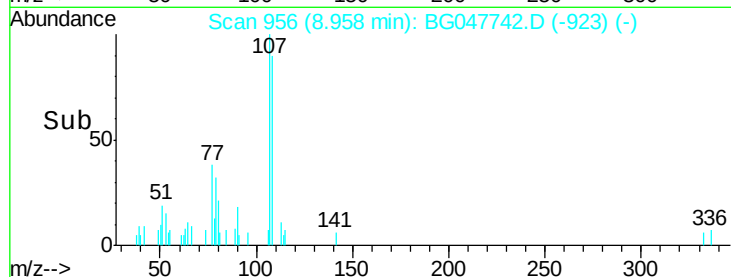
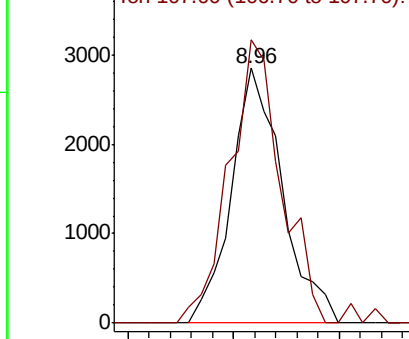
Tot Ion	Ratio	Lower	Upper
108	100		
107	111.1	87.4	131.0

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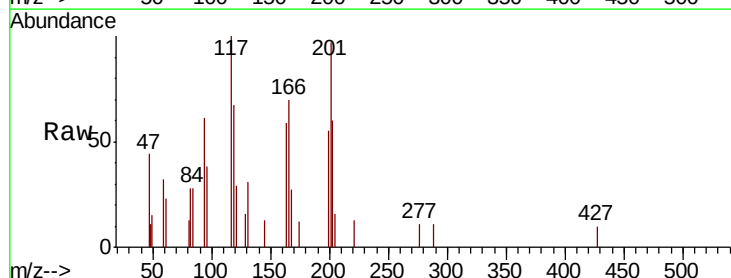


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

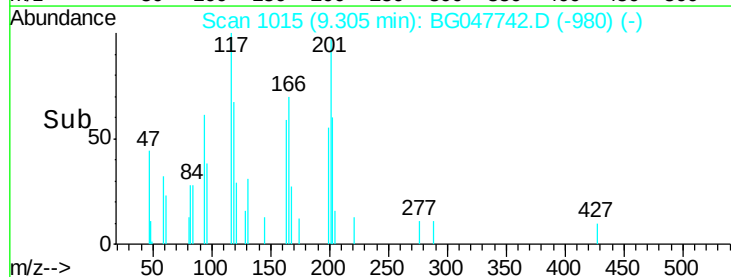
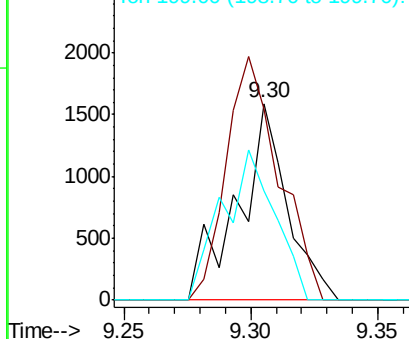


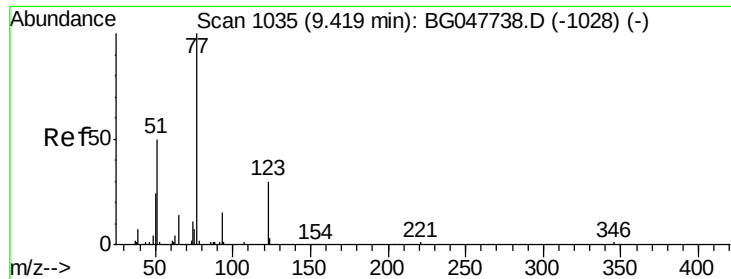
#19
Hexachloroethane
Concen: 2.621 ng/ul
RT: 9.30 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.0	96.7	145.1
199	55.4	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: 2.624 ng/ul

RT: 9.41 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

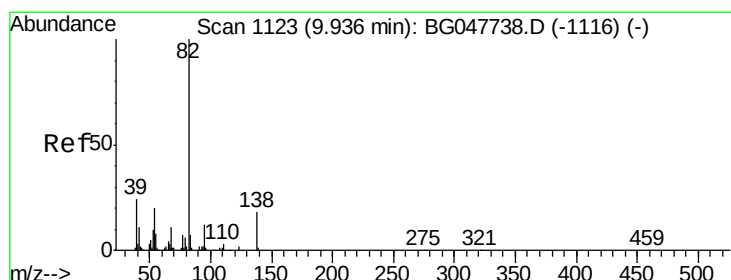
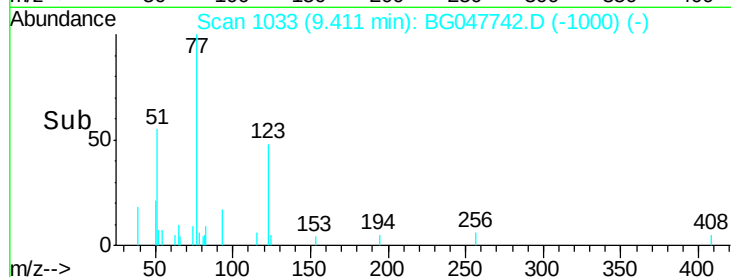
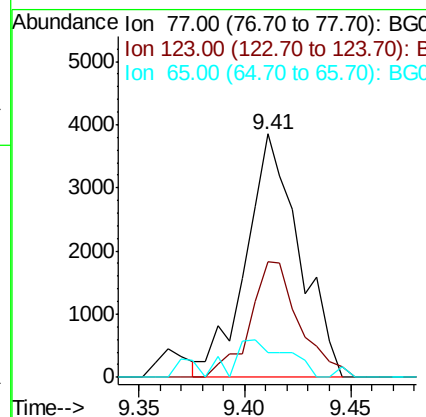
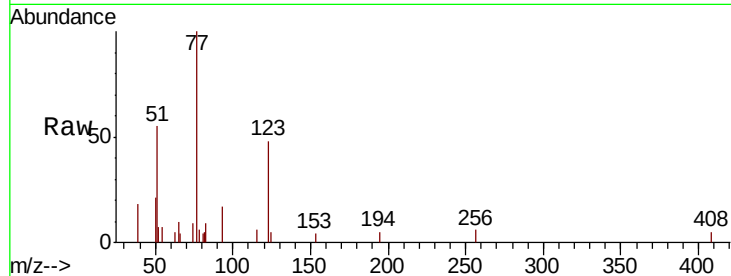
ClientSampleId :

MDL-SOIL-05

Tot Ion:	77	Resp:	6731
Ion Ratio	Lower	Upper	
77	100		
123	47.7	22.5	33.7#
65	9.9	13.8	20.6#

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#23

Isophorone

Concen: 2.823 ng/ul

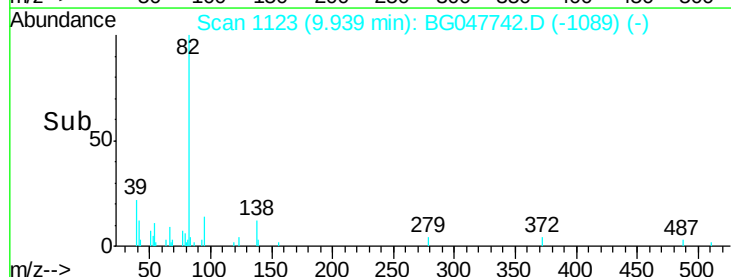
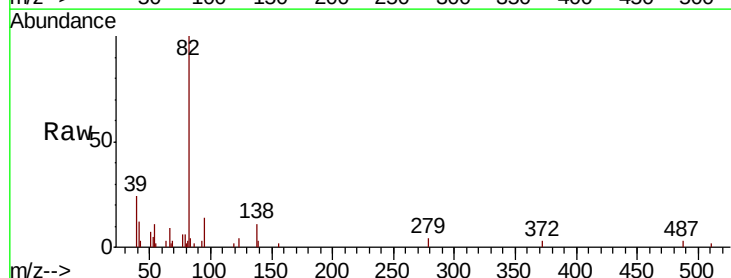
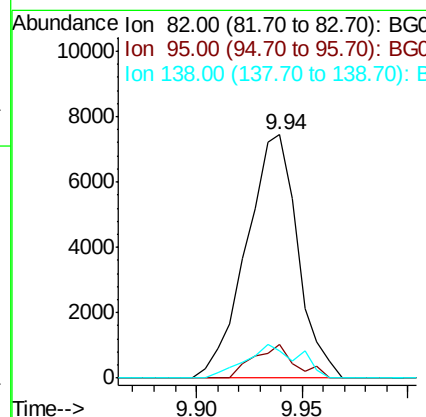
RT: 9.94 min Scan# 1123

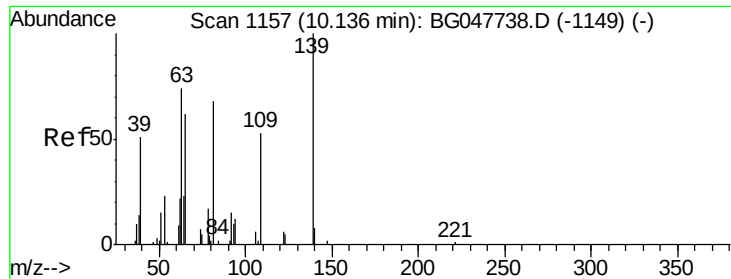
Delta R.T. 0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	82	Resp:	12581
Ion Ratio	Lower	Upper	
82	100		
95	13.8	8.7	13.1#
138	11.4	12.4	18.6#





#25

2-Nitrophenol

Concen: 2.666 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

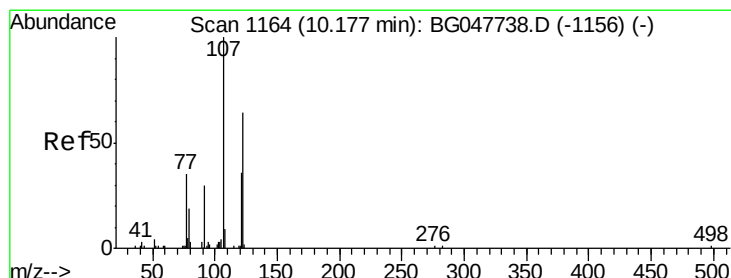
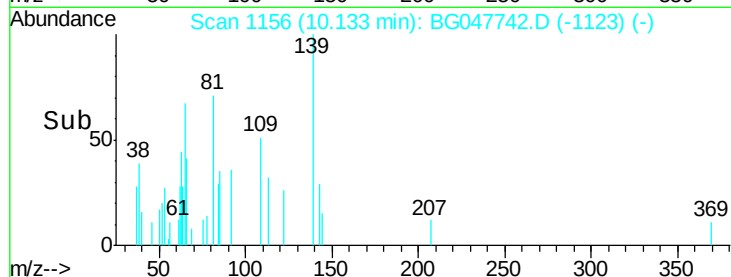
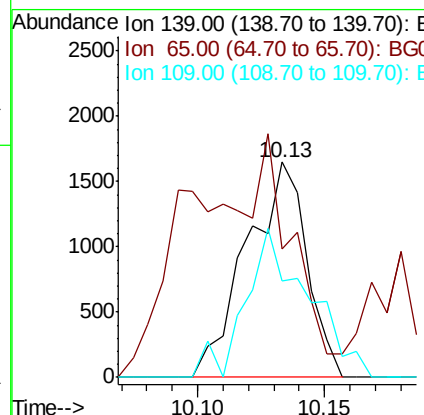
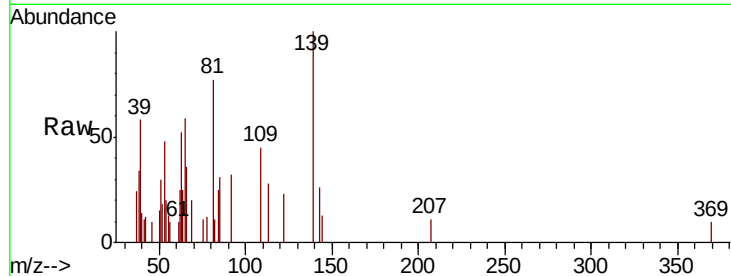
ClientSampled :

MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
139	100		
65	59.3	58.7	88.1
109	44.7	48.2	72.2

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#26

2,4-Dimethylphenol

Concen: 2.358 ng/ul

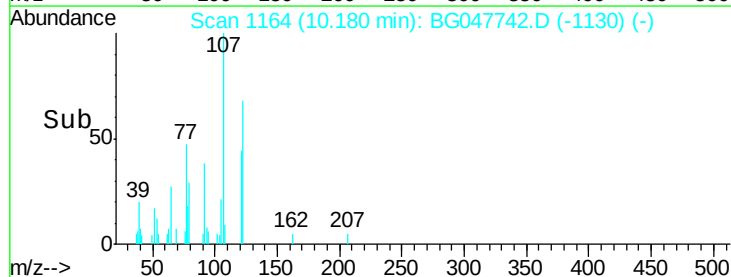
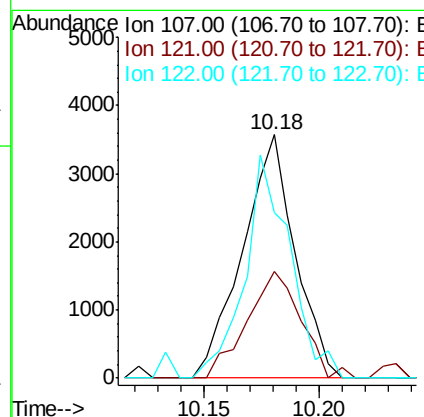
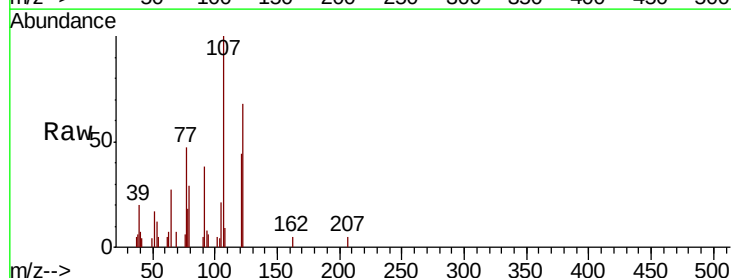
RT: 10.18 min Scan# 1164

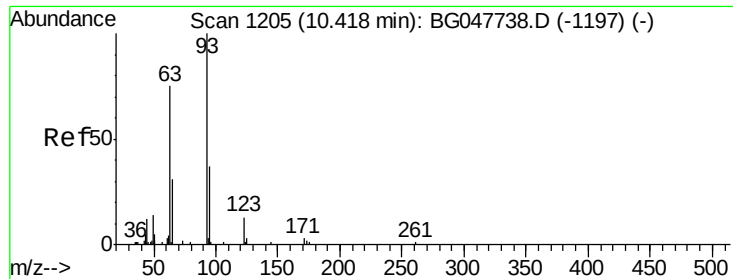
Delta R.T. 0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
107	100		
121	43.6	36.7	55.1
122	68.0	57.7	86.5





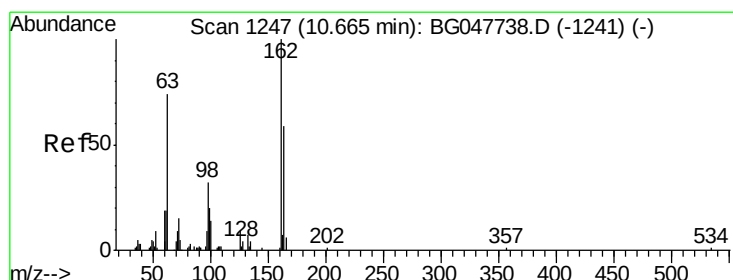
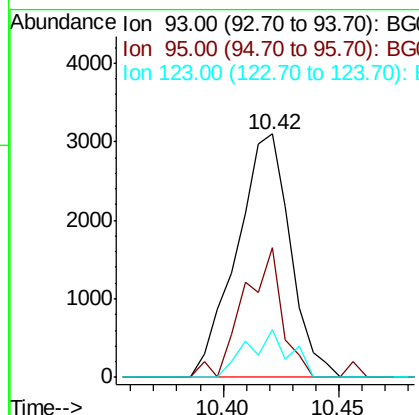
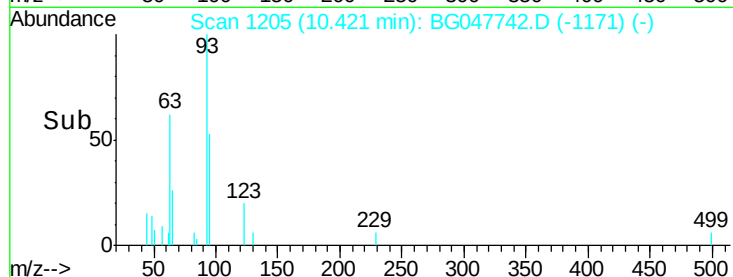
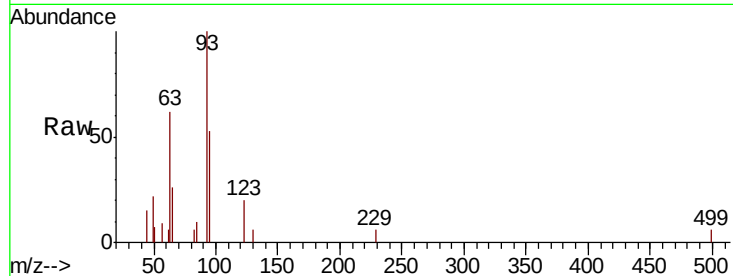
#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.359 ng/ul
 RT: 10.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
93	100		
95	53.4	23.4	35.2#
123	19.8	8.0	12.0#

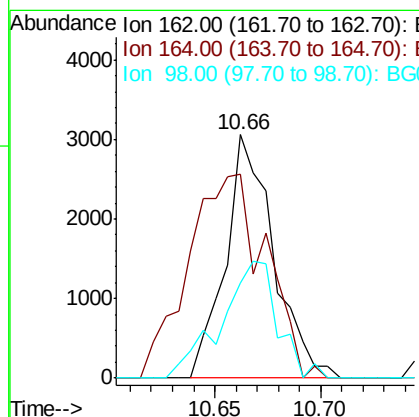
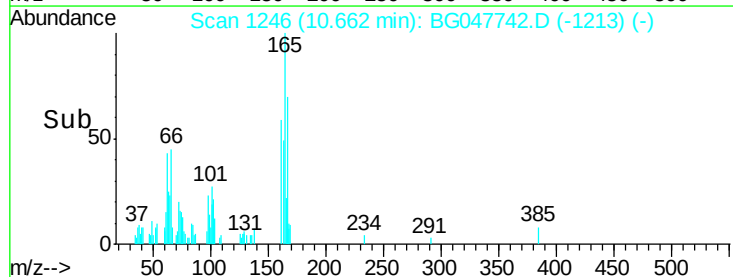
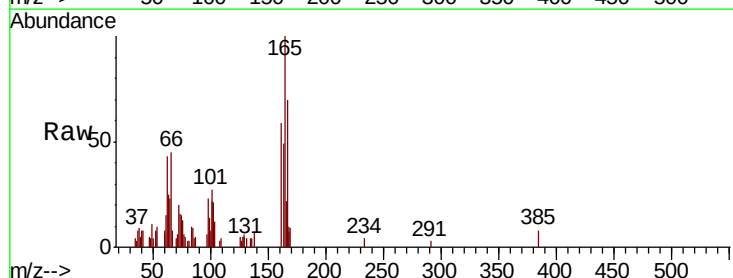
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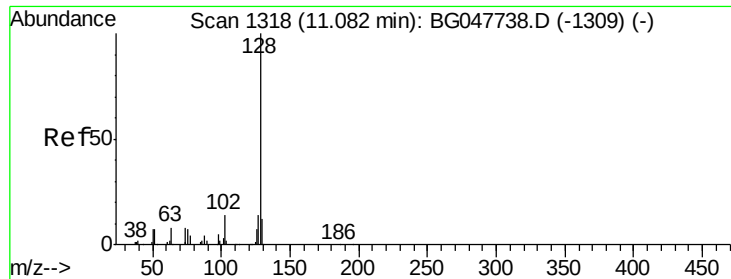
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#29
 2,4-Dichlorophenol
 Concen: 2.539 ng/ul
 RT: 10.66 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
162	100		
164	83.8	48.7	73.1#
98	38.8	27.3	40.9





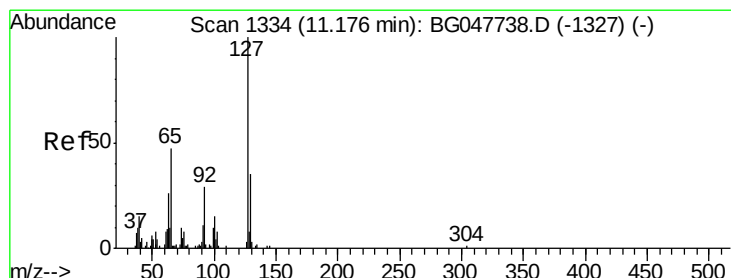
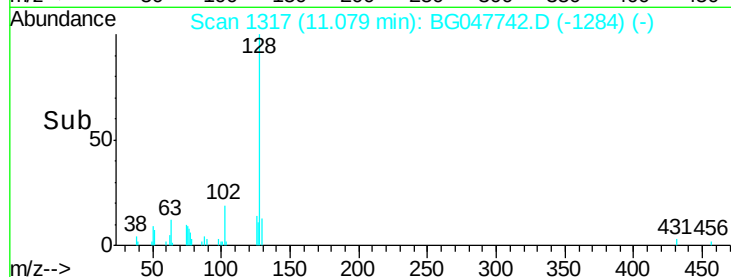
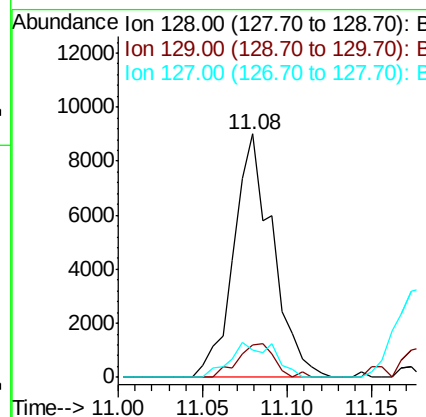
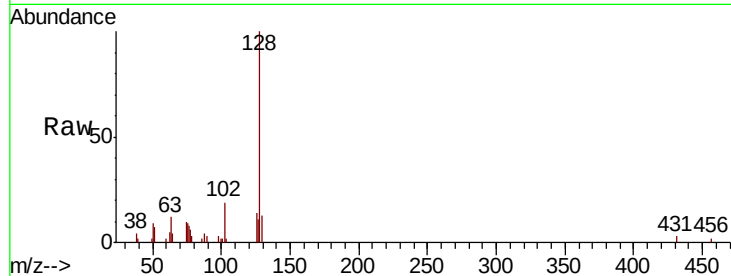
#30
Naphthalene
Concen: 2.549 ng/ul
RT: 11.08 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.3	13.9
127	11.1	11.1	16.7

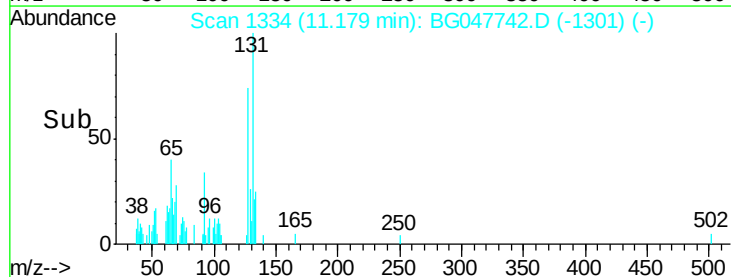
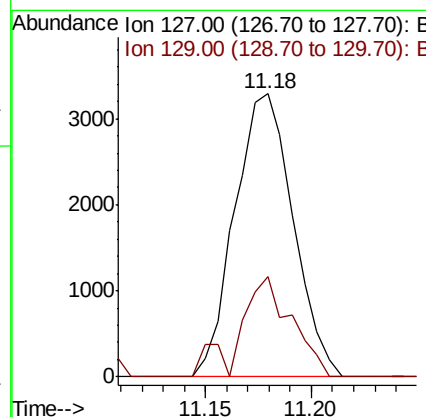
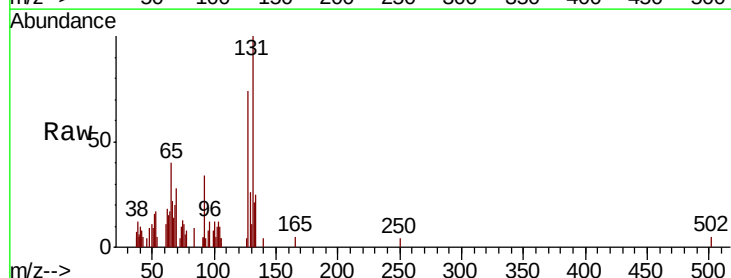
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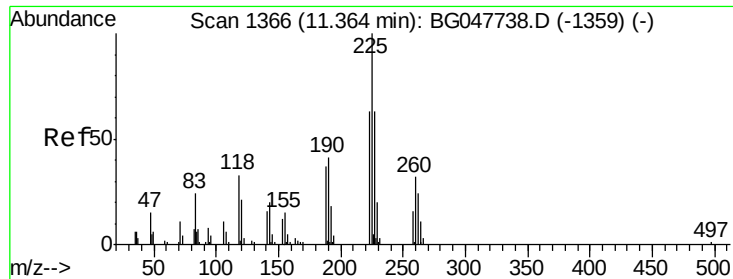
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#32
4-Chloroaniline
Concen: 2.735 ng/ul
RT: 11.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.5	24.6	37.0





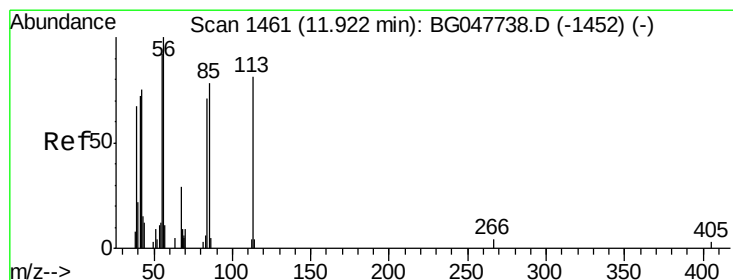
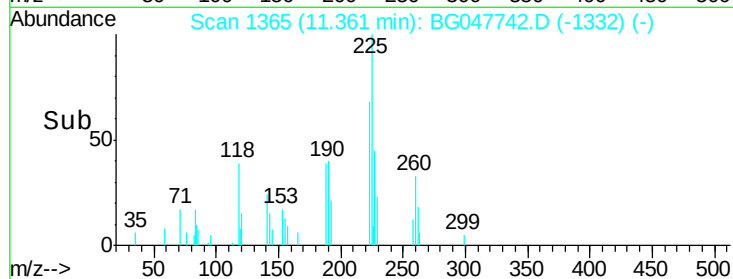
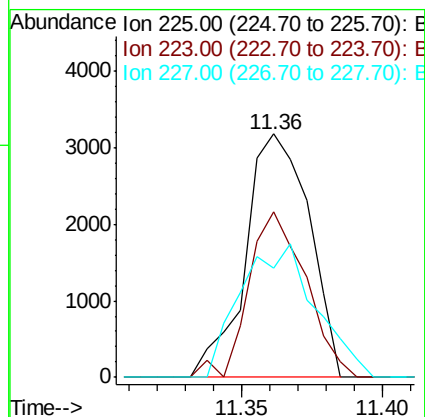
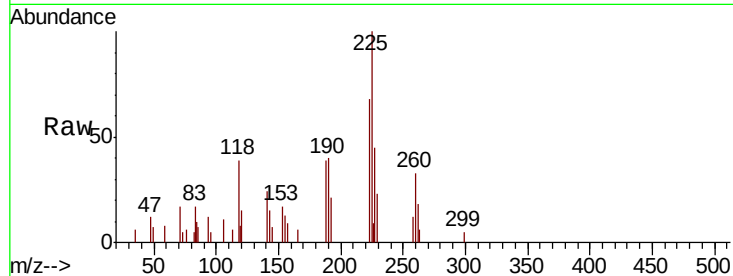
#33
Hexachlorobutadiene
Concen: 2.441 ng/ul
RT: 11.36 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	57.4	86.0
227	41.5	59.2	88.8

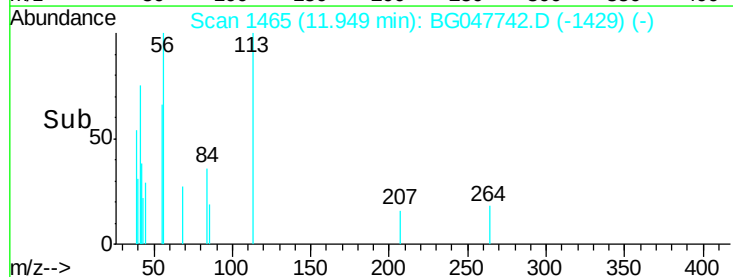
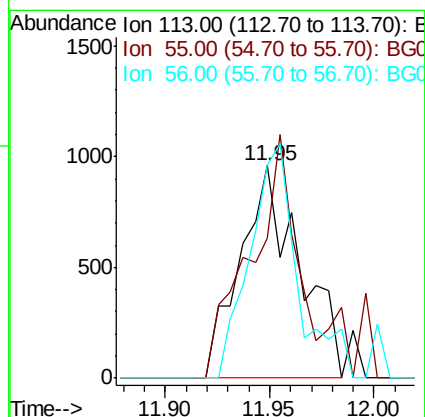
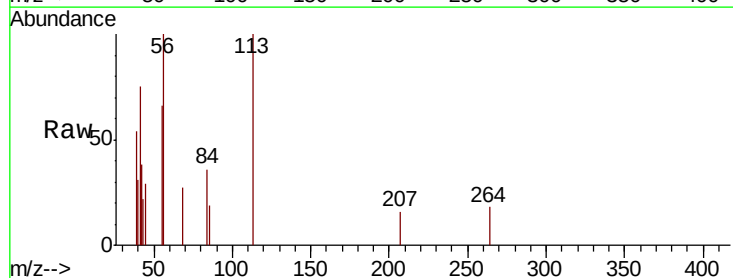
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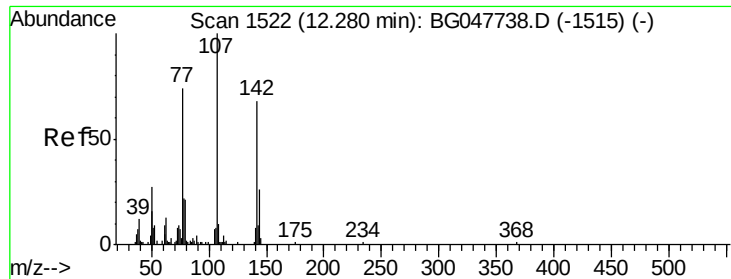
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#34
Caprolactam
Concen: 2.944 ng/ul m
RT: 11.95 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
113	100		
55	66.0	65.1	97.7
56	100.3	63.1	94.7





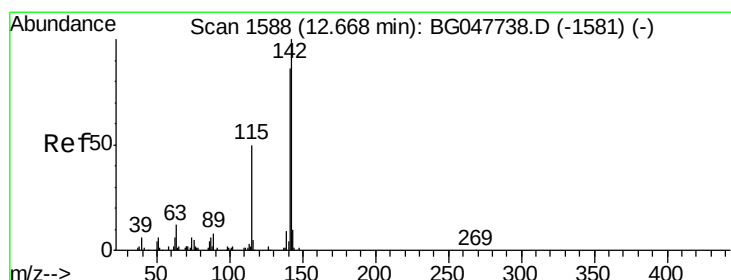
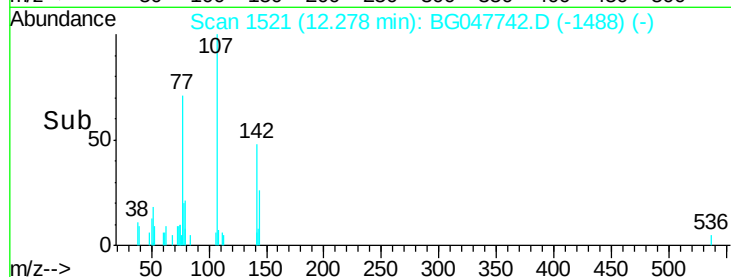
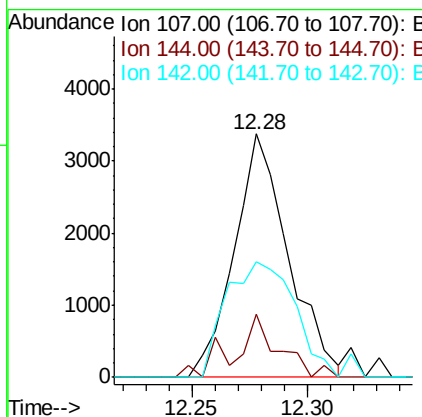
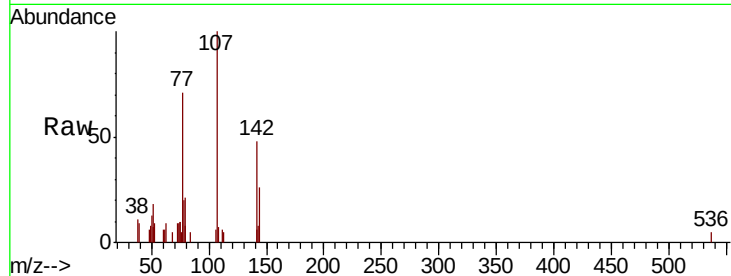
#35
 4-Chloro-3-methylphenol
 Concen: 2.621 ng/ul
 RT: 12.28 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	14.6	22.0#
142	47.6	47.7	71.5#

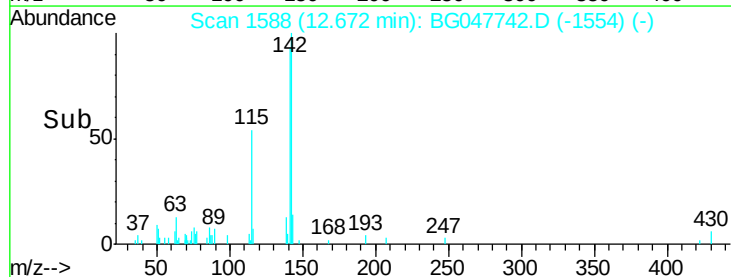
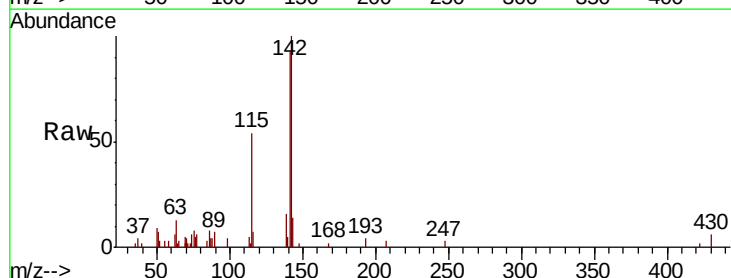
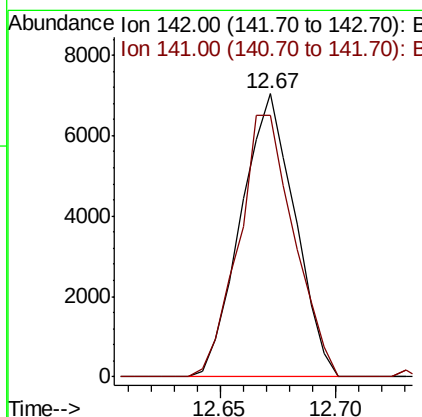
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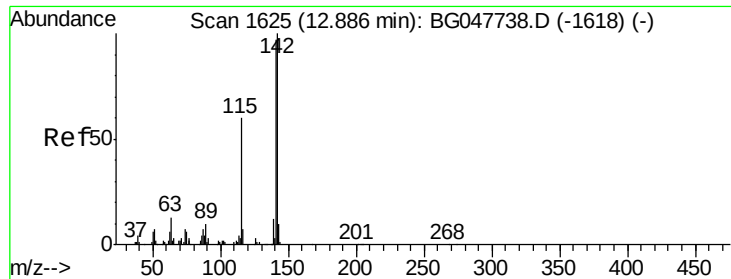
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#36
 2-Methylnaphthalene
 Concen: 2.683 ng/ul
 RT: 12.67 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	67.0	100.6





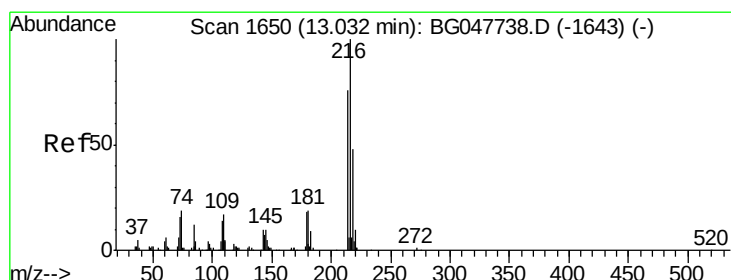
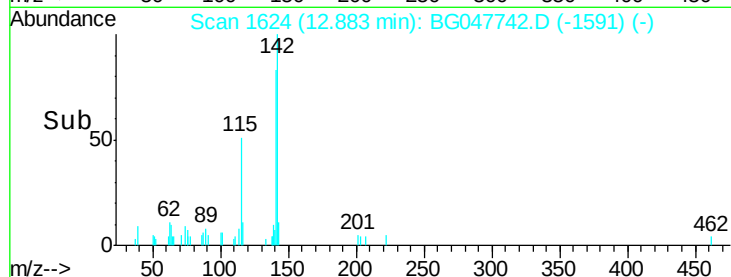
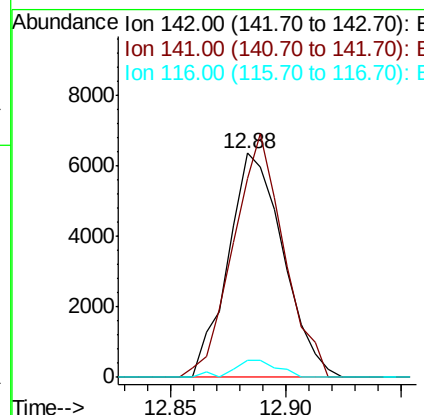
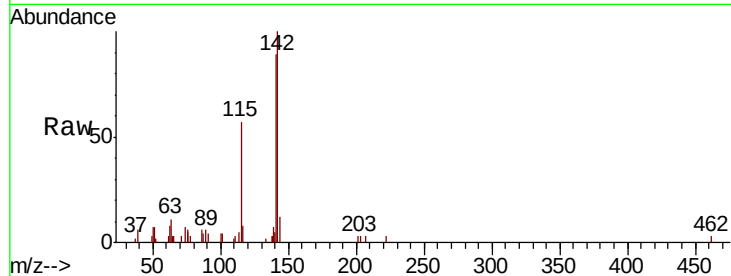
#37
1-Methylnaphthalene
Concen: 2.586 ng/ul
RT: 12.88 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.6	112.0
116	7.9	4.4	6.6#

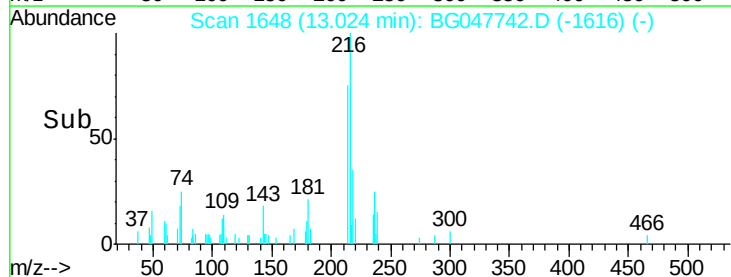
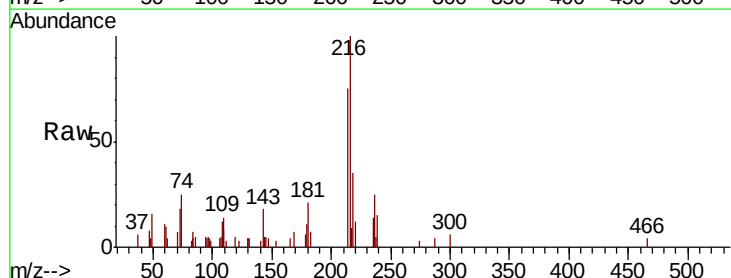
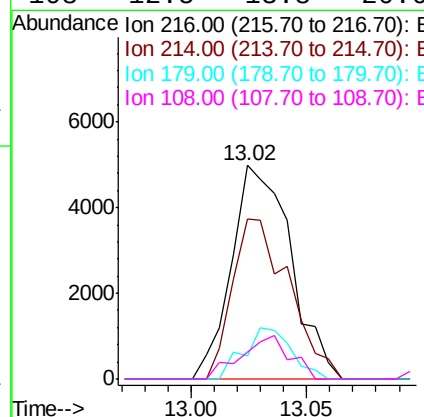
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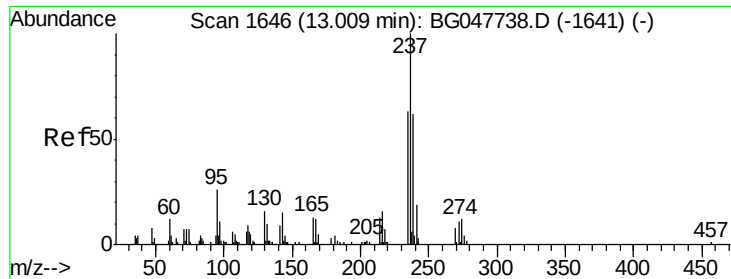
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.749 ng/ul
RT: 13.02 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.9	69.7	104.5
179	11.0	15.2	22.8#
108	12.5	13.8	20.6#





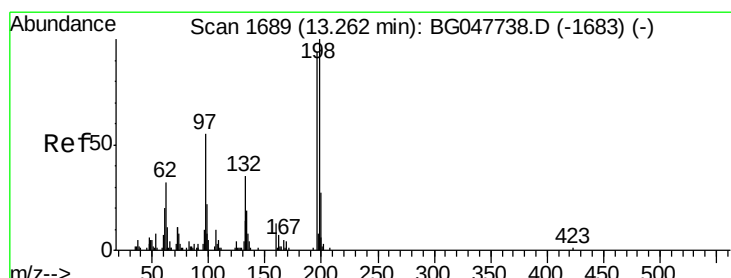
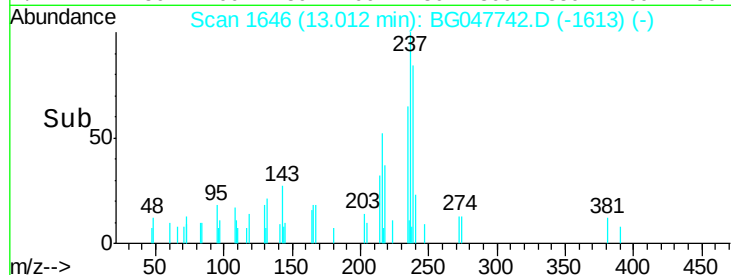
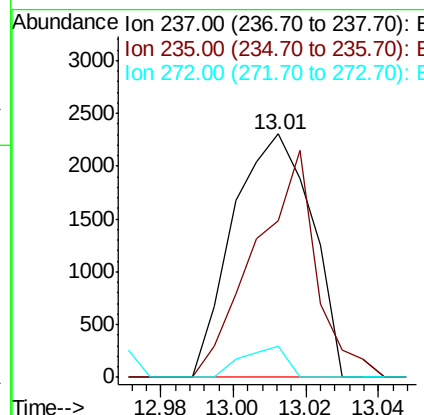
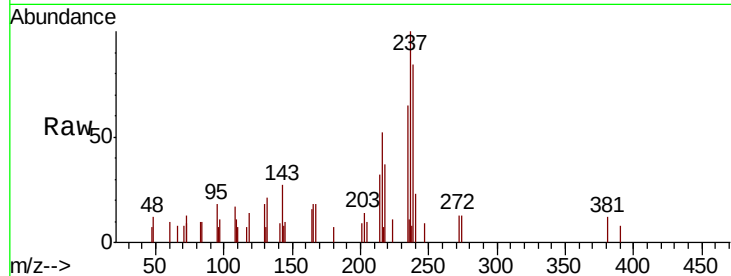
#40
Hexachlorocyclopentadiene
Concen: 1.631 ng/ul
RT: 13.01 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion:	237	Resp:	3463
Ion Ratio	Lower	Upper	
237	100		
235	64.5	49.4	74.0
272	12.6	8.4	12.6

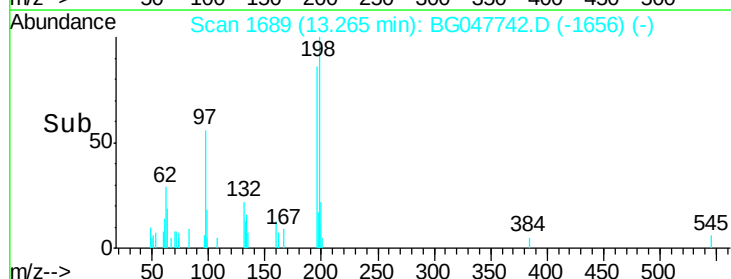
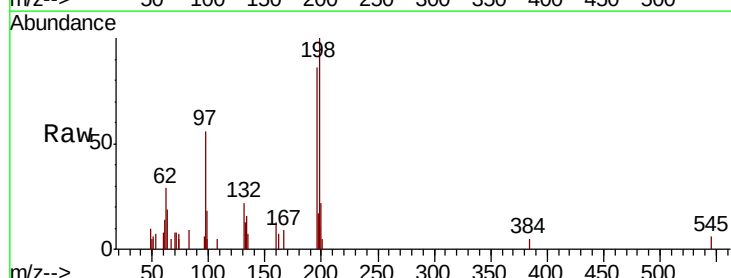
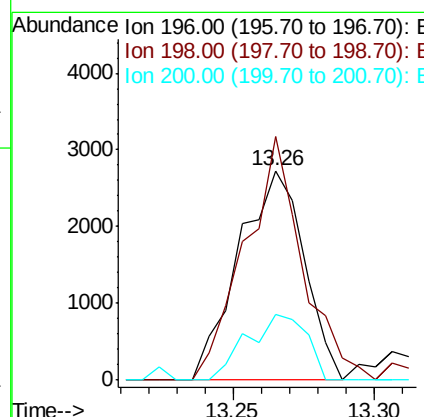
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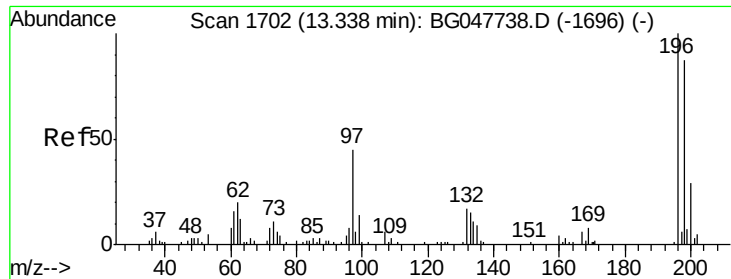
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#41
2,4,6-Trichlorophenol
Concen: 2.259 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion:	196	Resp:	4387
Ion Ratio	Lower	Upper	
196	100		
198	116.4	77.6	116.4
200	31.5	27.0	40.6





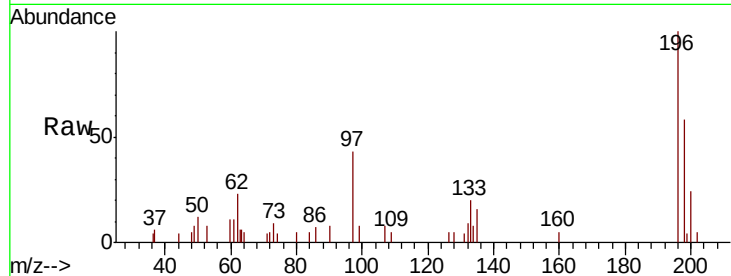
#42
 2,4,5-Trichlorophenol
 Concen: 2.598 ng/ul
 RT: 13.34 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
 BNA_G
 ClientSampled :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
196	100		
198	58.2	76.5	114.7#
200	24.5	23.4	35.0

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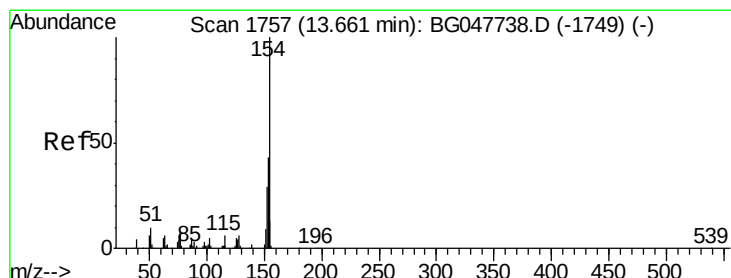
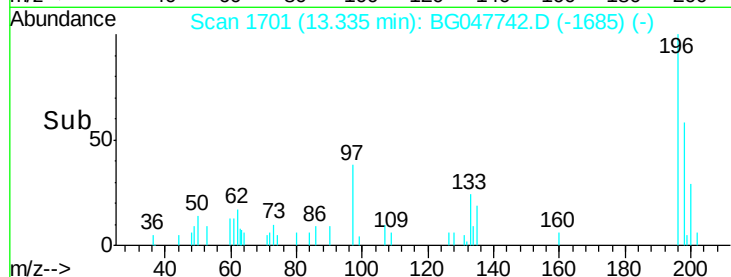
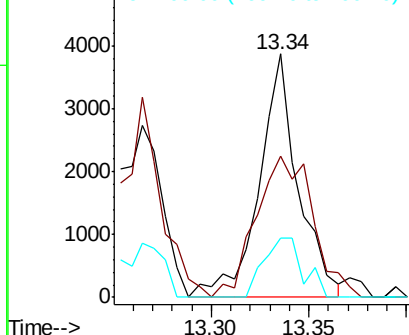


Abundance

Ion 196.00 (195.70 to 196.70): E

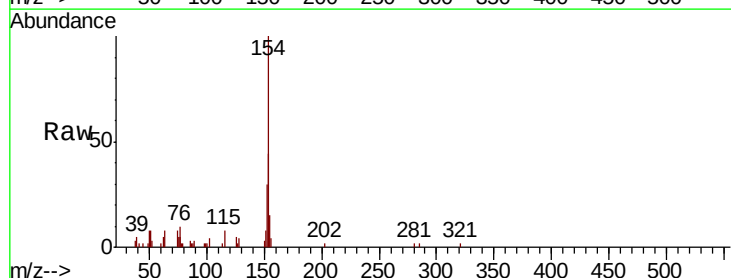
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 1,1'-Biphenyl
 Concen: 2.450 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	33.8	50.6
76	9.8	7.5	11.3

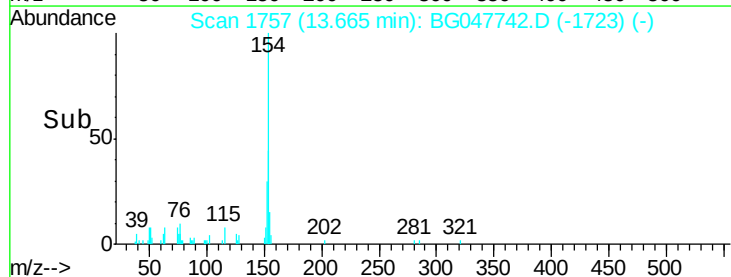
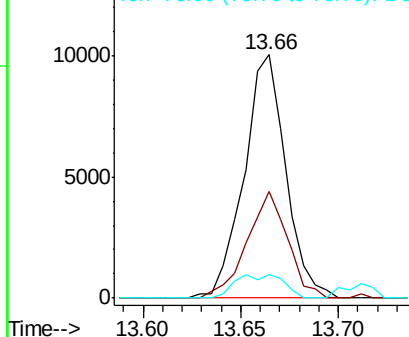


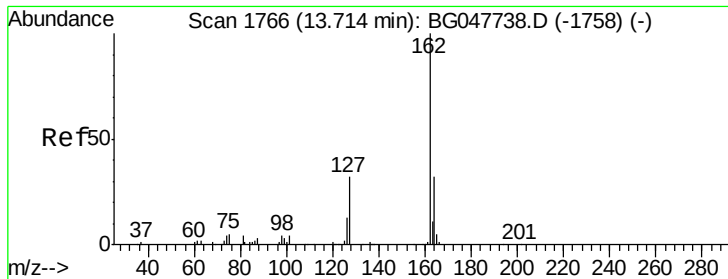
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





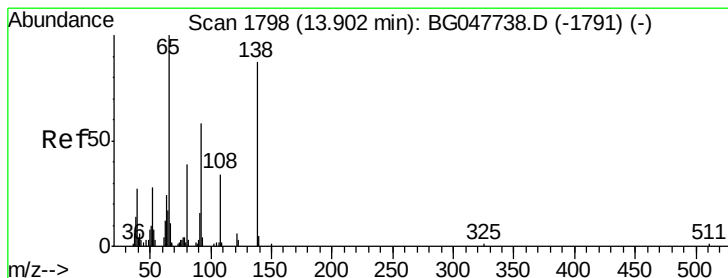
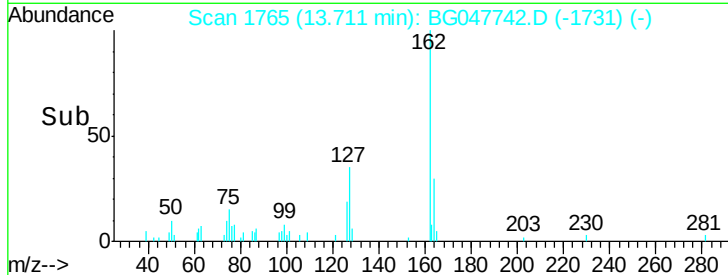
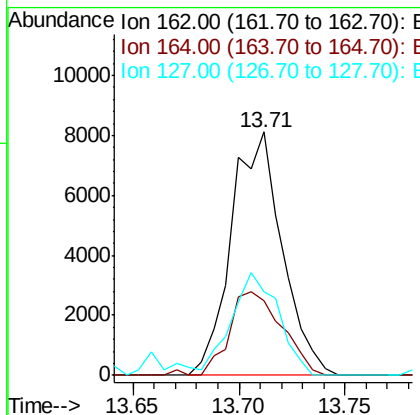
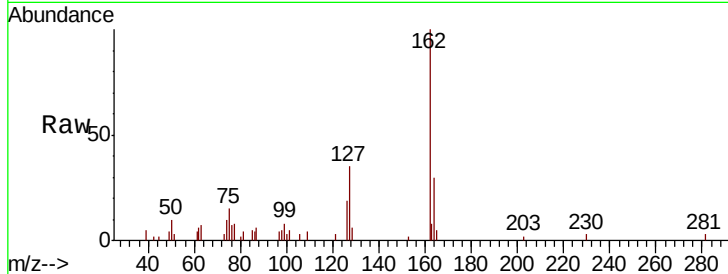
#44
 2-Chloronaphthalene
 Concen: 2.838 ng/ul
 RT: 13.71 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
 BNA_G
 ClientSampled :
 MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.4	27.8	41.6
127	34.6	30.8	46.2

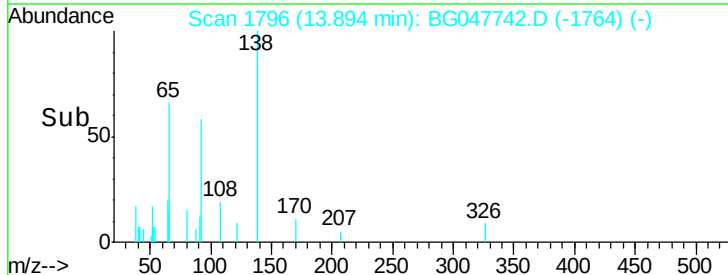
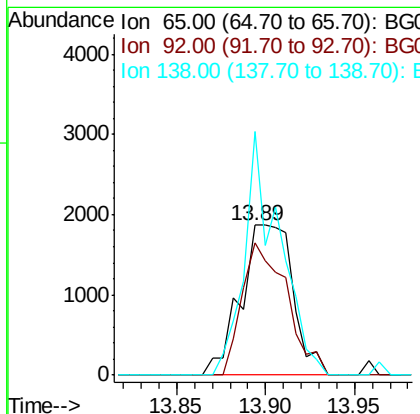
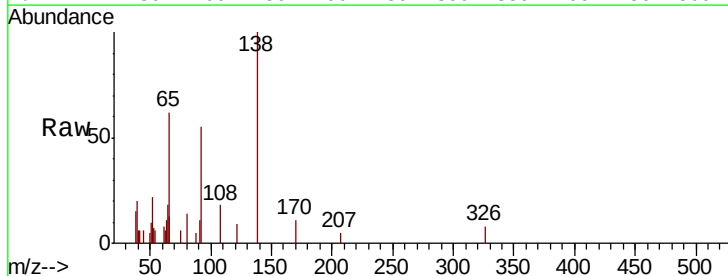
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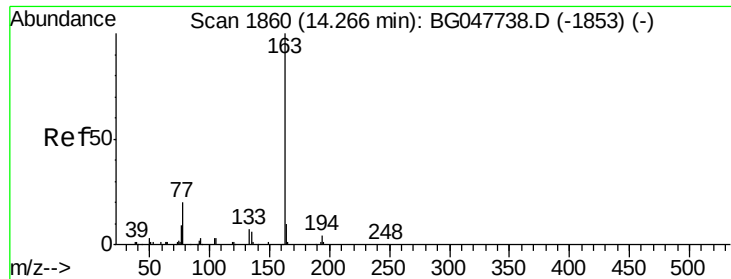
mohammad
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#45
 2-Nitroaniline
 Concen: 2.329 ng/ul m
 RT: 13.89 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	88.5	45.8	68.6#
138	162.3	71.1	106.7#





#47

Dimethylphthalate

Concen: 2.667 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

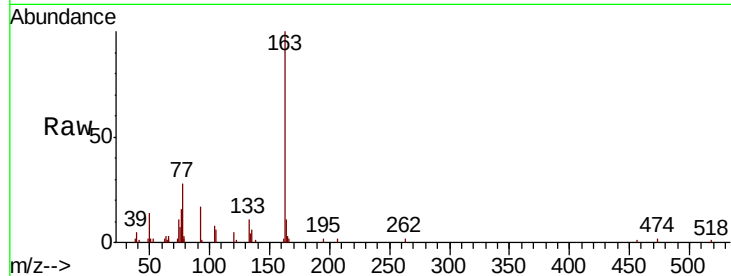
ClientSampleId :

MDL-SOIL-05

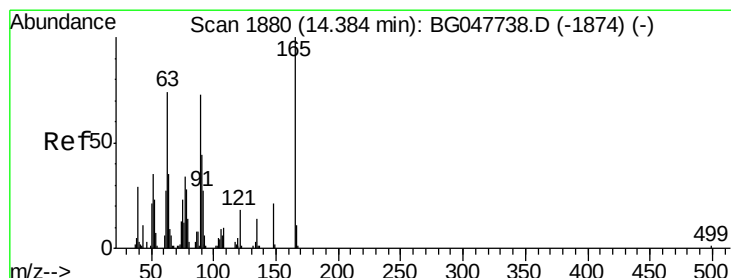
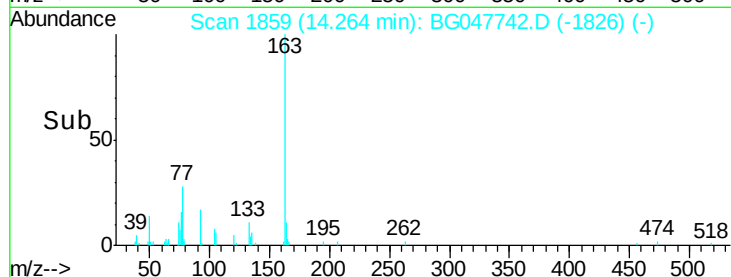
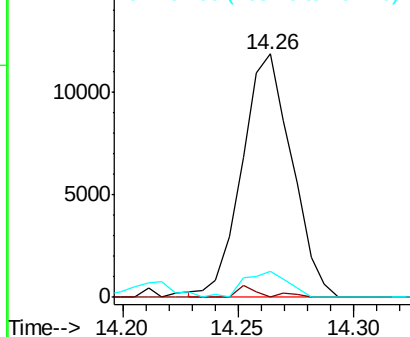
Tot Ion:	163	Resp:	17741
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.4	5.2#
164	10.7	8.1	12.1

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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: 2.834 ng/ul

RT: 14.38 min Scan# 1879

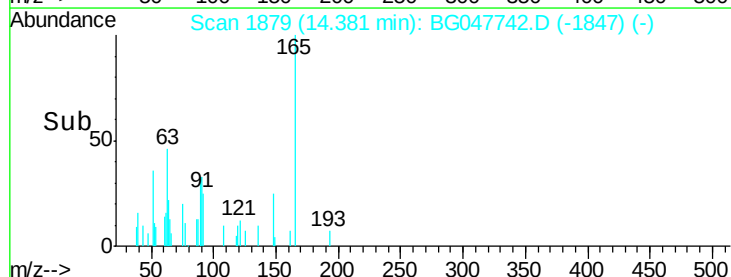
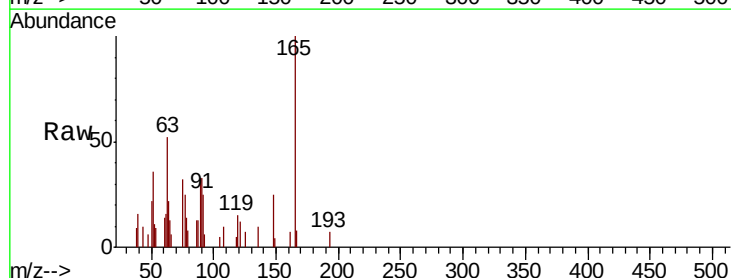
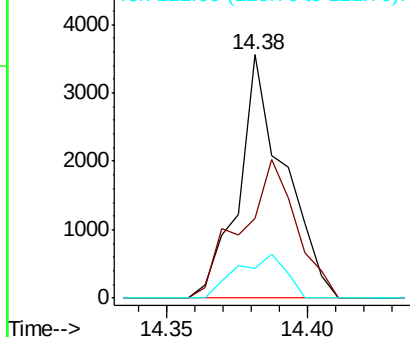
Delta R.T. -0.01 min

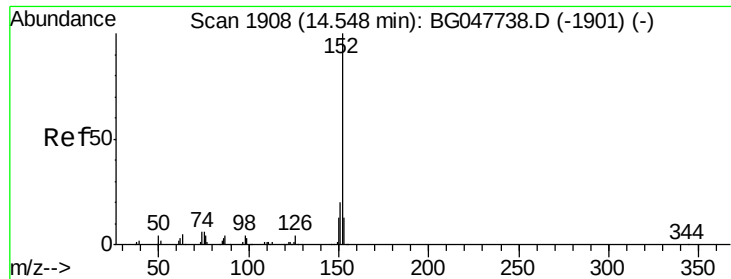
Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	165	Resp:	3982
Ion Ratio	Lower	Upper	
165	100		
89	32.9	60.7	91.1#
121	12.3	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: 2.578 ng/ul

RT: 14.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

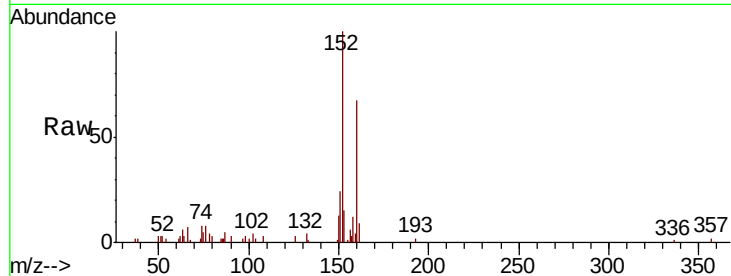
ClientSampleId :

MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.3	22.9#
153	15.4	11.7	17.5

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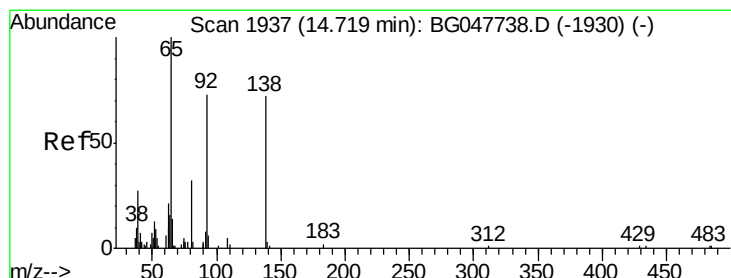
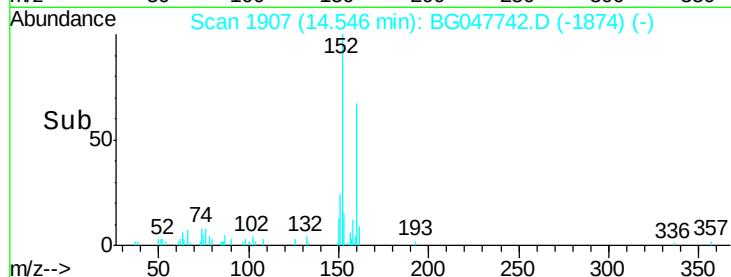
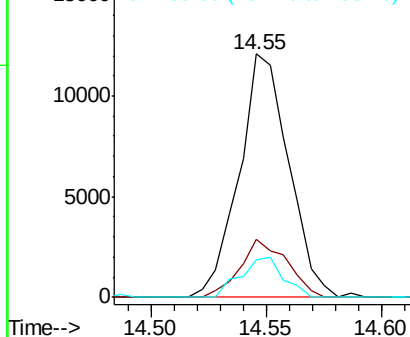


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 3.371 ng/ul

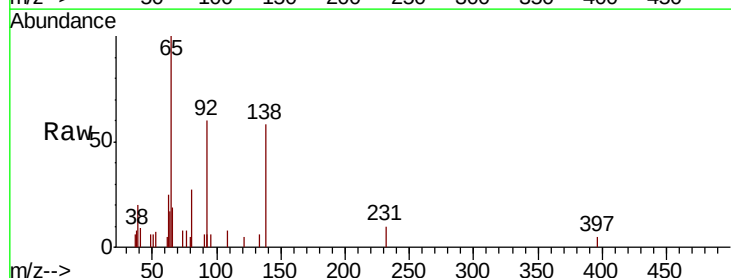
RT: 14.72 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.2	11.9	17.9
92	103.7	97.7	146.5

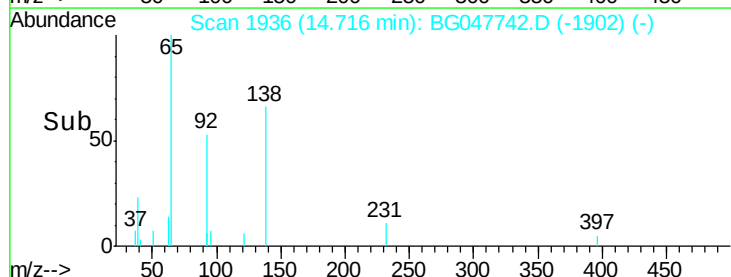
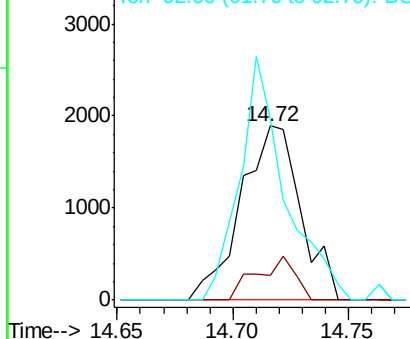


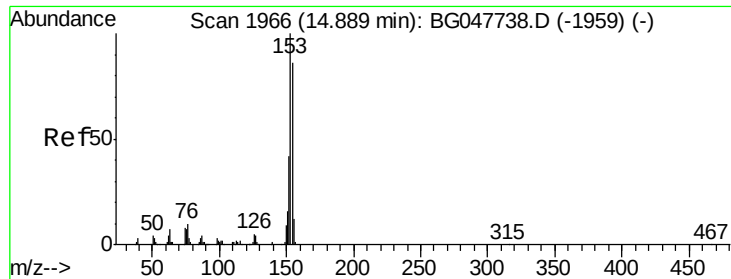
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 2.670 ng/ul

RT: 14.89 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

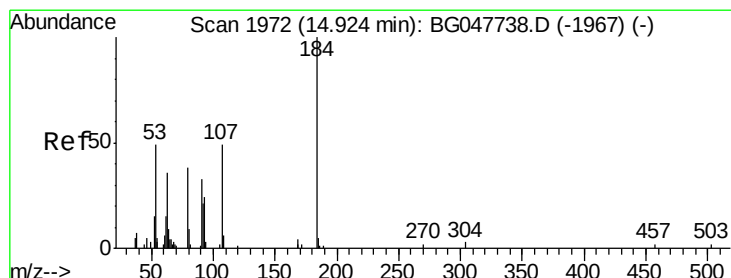
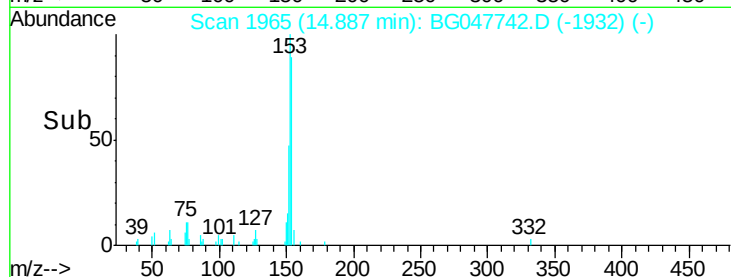
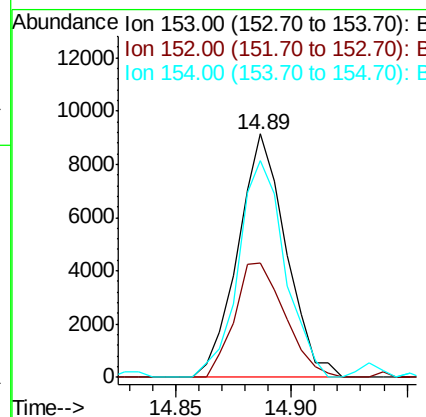
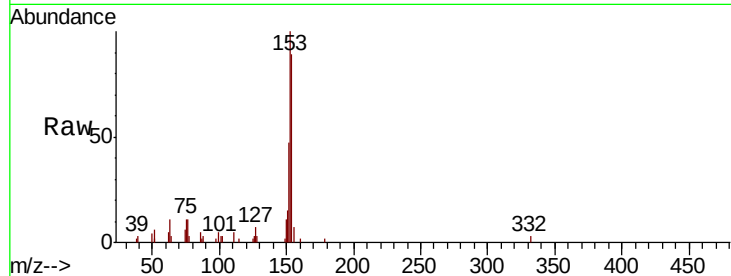
ClientSampleId :

MDL-SOIL-05

Tot Ion:	153	Resp:	13272
Ion Ratio	Lower	Upper	
153	100		
152	46.9	34.8	52.2
154	89.2	71.2	106.8

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#53

2,4-Dinitrophenol

Concen: 0.761 ng/ul

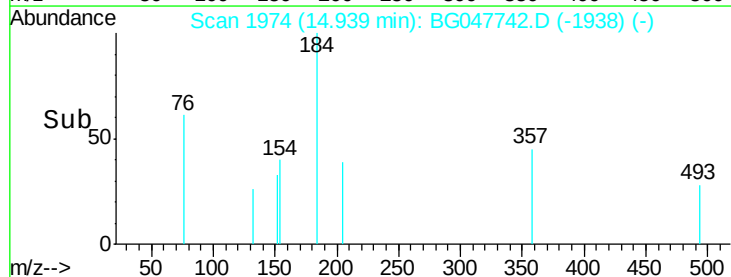
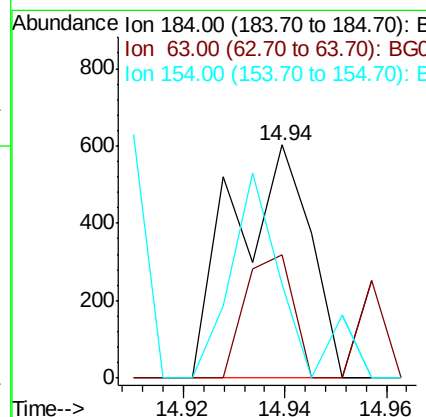
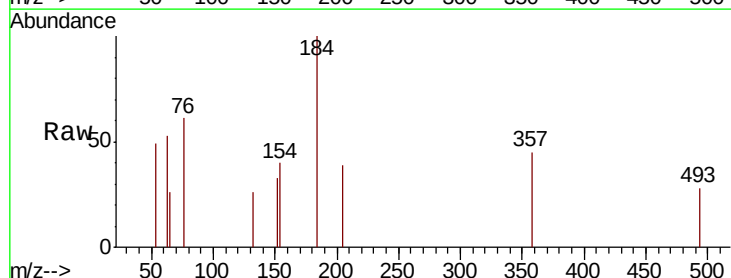
RT: 14.94 min Scan# 1974

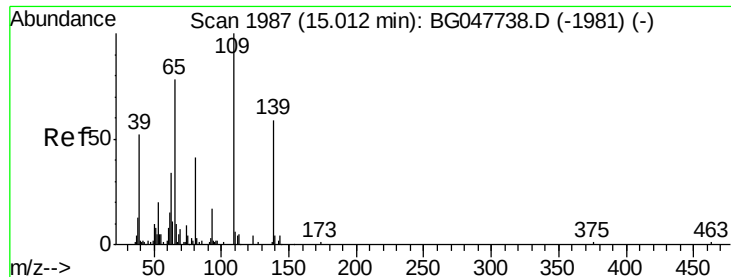
Delta R.T. 0.01 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	184	Resp:	634
Ion Ratio	Lower	Upper	
184	100		
63	53.0	46.5	69.7
154	40.4	58.4	87.6#





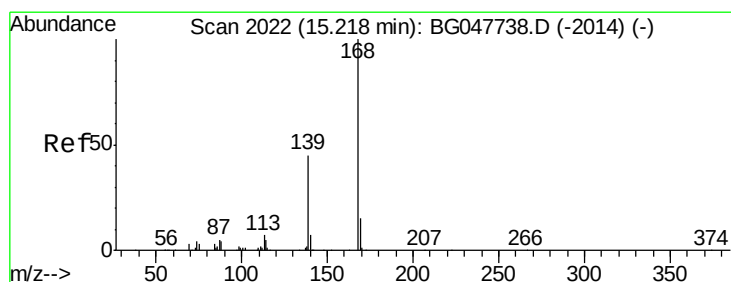
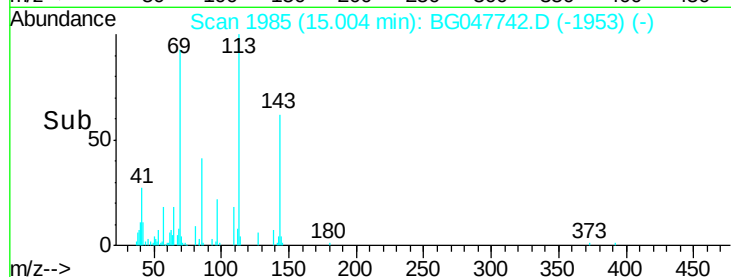
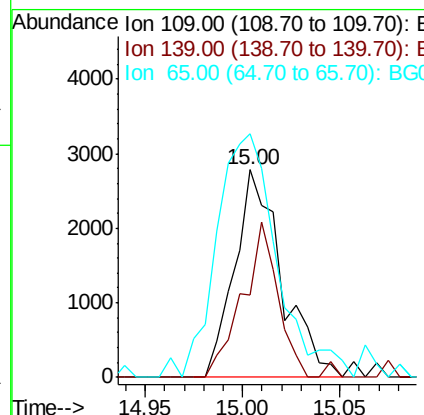
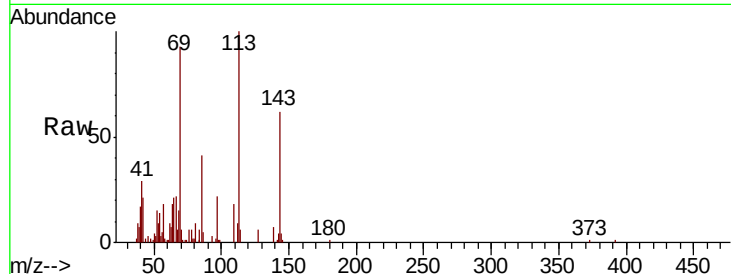
#55
4-Nitrophenol
Concen: 2.829 ng/ul m
RT: 15.00 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
109	100		
139	39.9	47.0	70.6#
65	117.4	74.7	112.1#

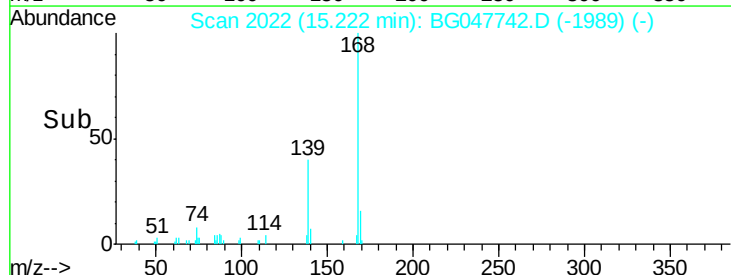
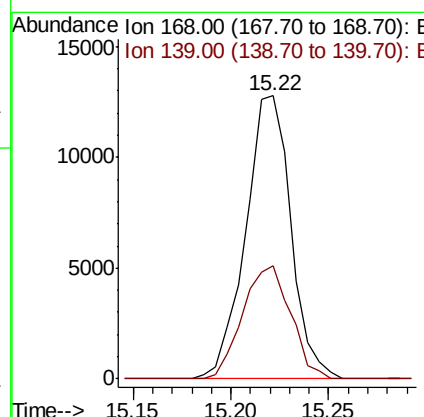
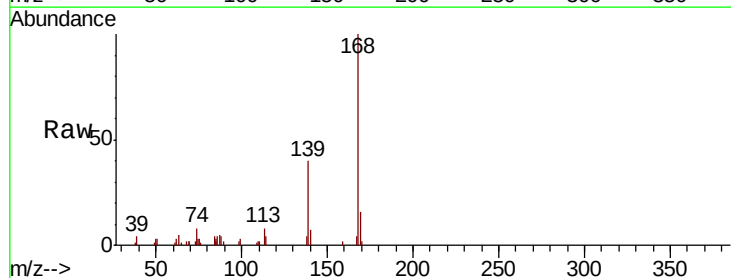
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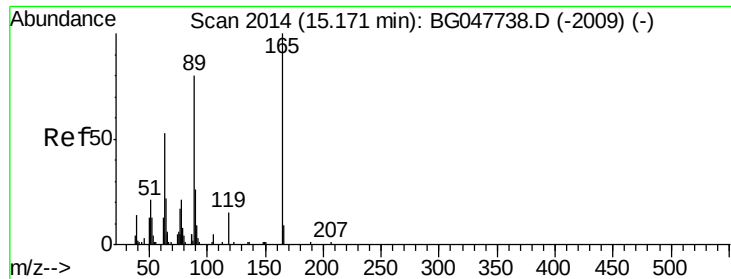
mohammad
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#56
Dibenzofuran
Concen: 2.846 ng/ul
RT: 15.22 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	34.0	51.0





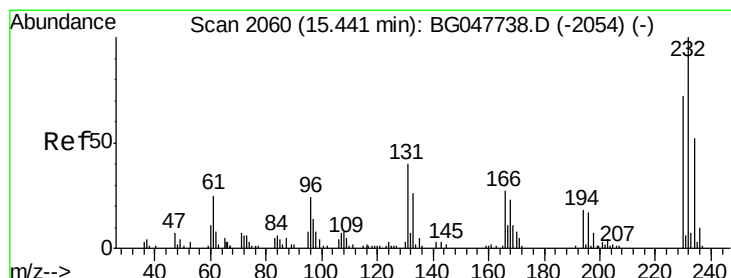
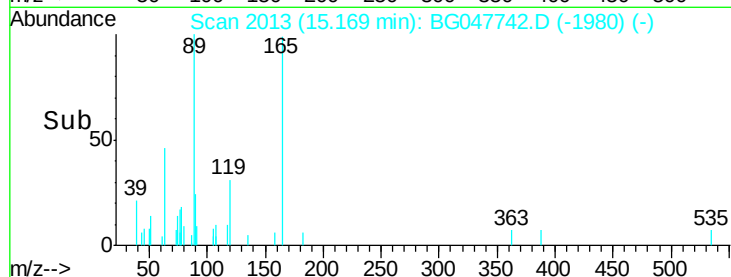
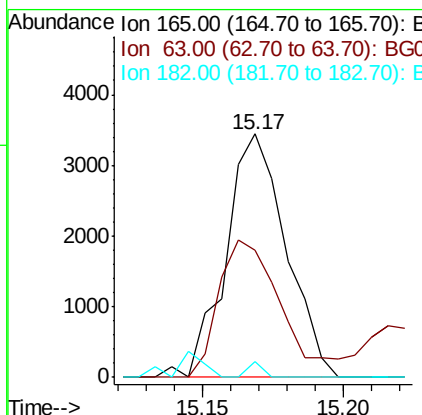
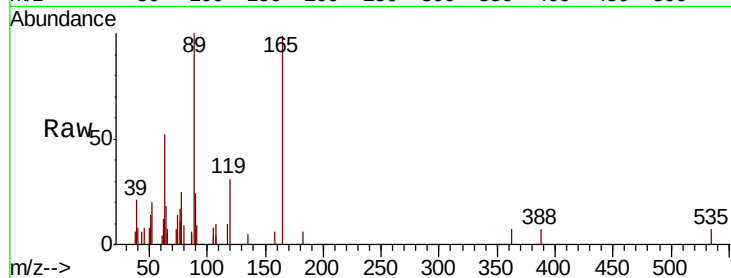
#57
2,4-Dinitrotoluene
Concen: 2.505 ng/ul
RT: 15.17 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	54.6	81.8#
182	6.5	2.6	3.8#

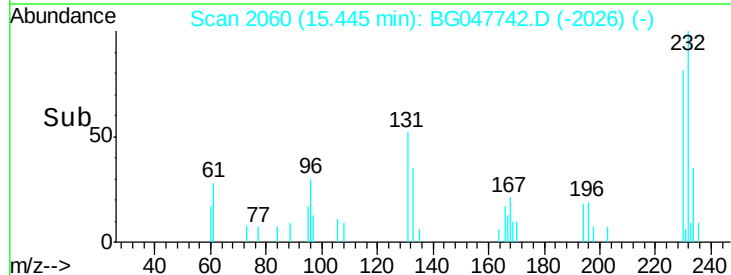
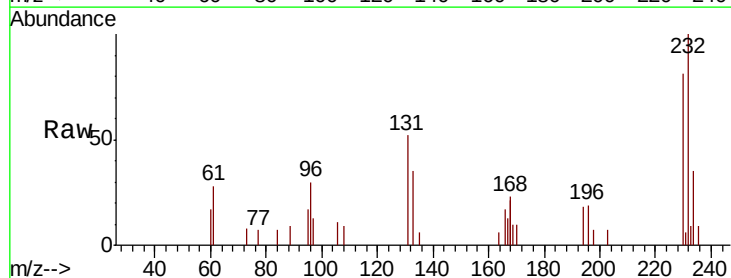
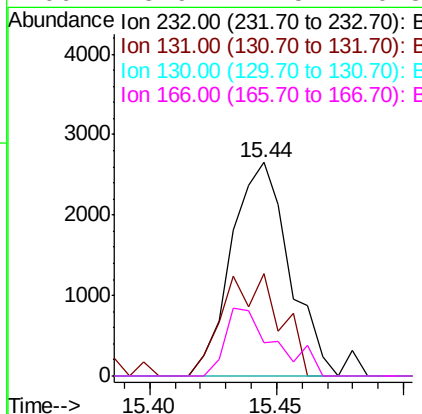
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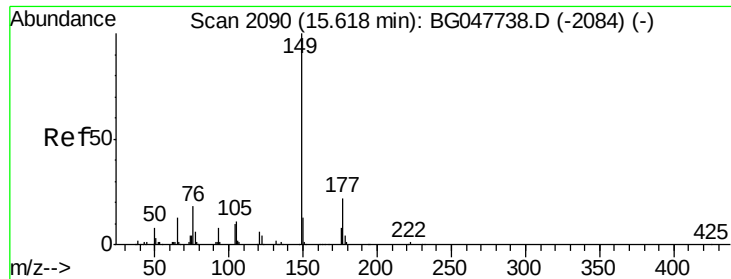
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 2.214 ng/ul
RT: 15.44 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.7	31.9	47.9
130	0.0	3.0	4.6#
166	15.9	17.5	26.3#





#59

Diethylphthalate

Concen: 2.530 ng/ul

RT: 15.62 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

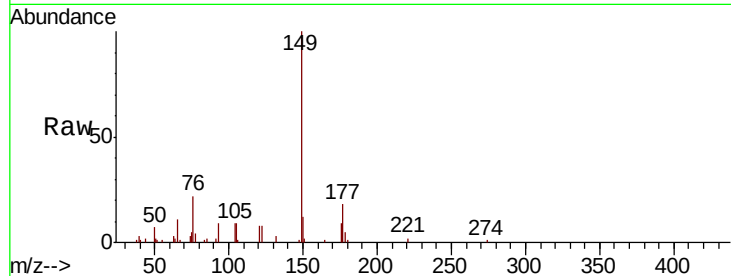
ClientSampleId :

MDL-SOIL-05

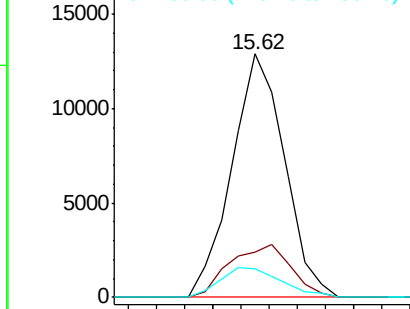
Tot Ion:	149	Resp:	16660
Ion Ratio	Lower	Upper	
149	100		
177	18.4	20.6	31.0#
150	11.9	11.1	16.7

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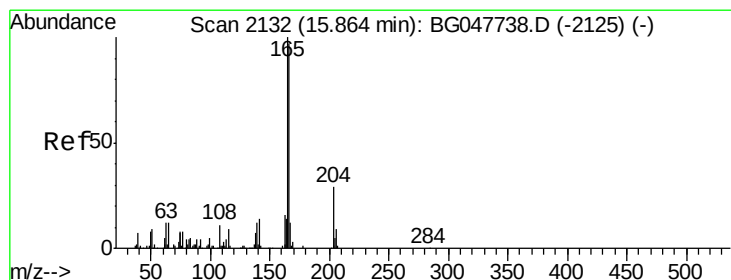
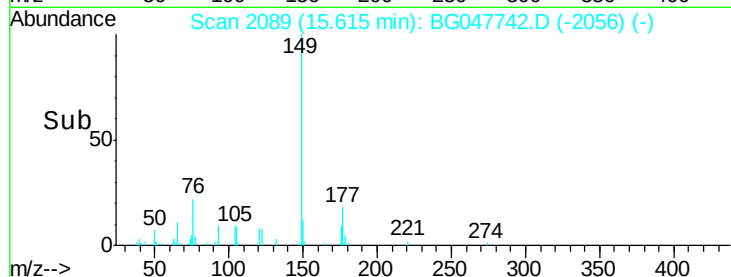
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#61

Fluorene

Concen: 2.580 ng/ul

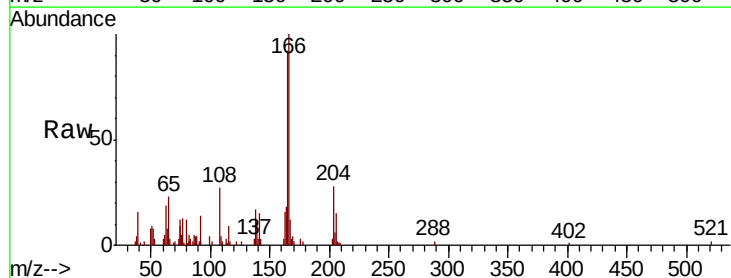
RT: 15.86 min Scan# 2131

Delta R.T. -0.01 min

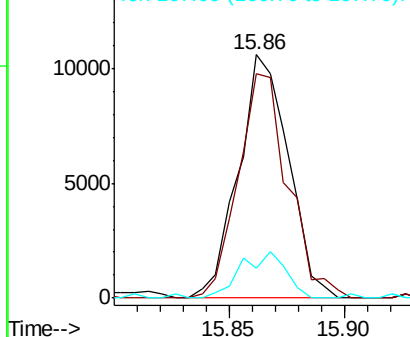
Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

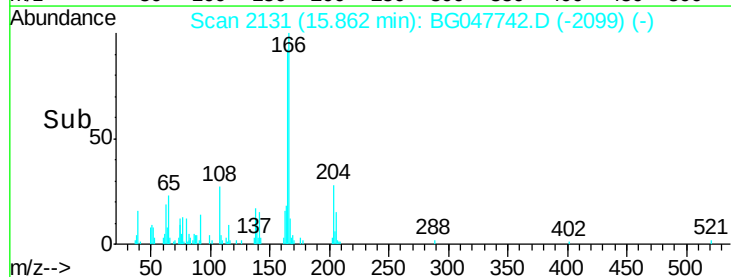
Tgt Ion:	166	Resp:	15966
Ion Ratio	Lower	Upper	
166	100		
165	92.3	75.4	113.2
167	12.4	12.3	18.5

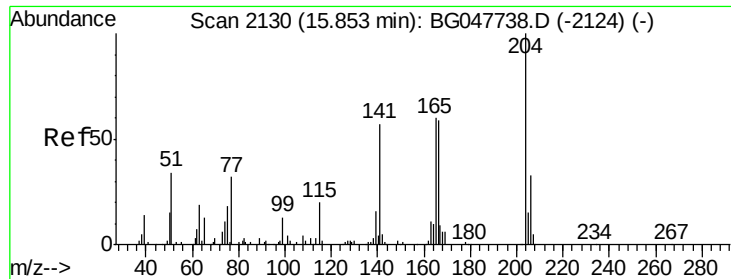


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#62

4-Chlorophenyl-phenylether

Concen: 2.596 ng/ul

RT: 15.85 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

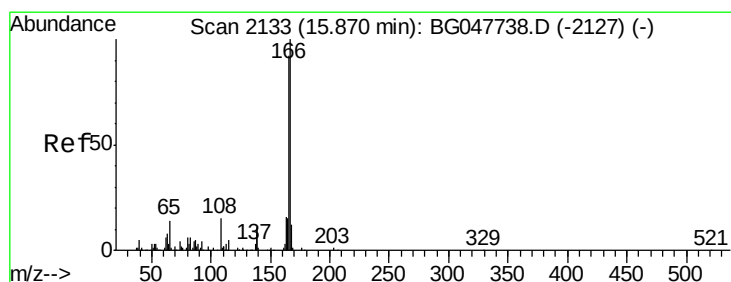
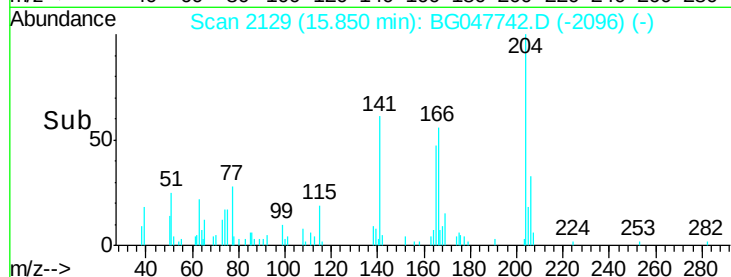
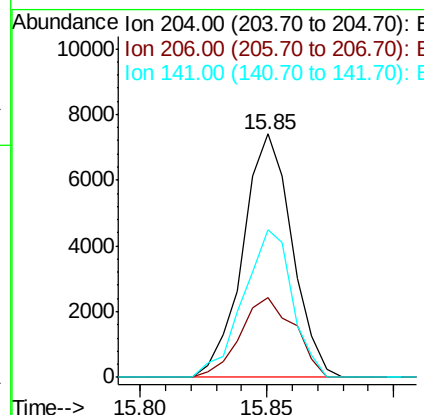
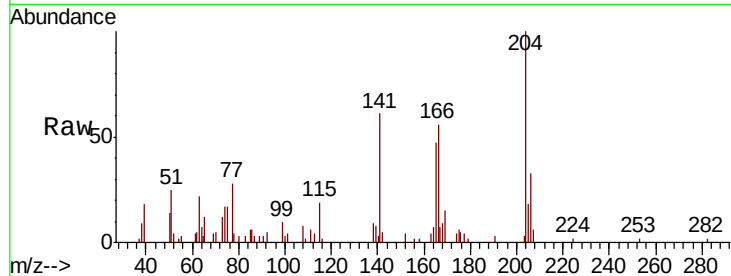
ClientSampleId :

MDL-SOIL-05

Tot Ion:	204	Resp:	10047
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	60.7	40.9	61.3

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#63

4-Nitroaniline

Concen: 3.527 ng/ul

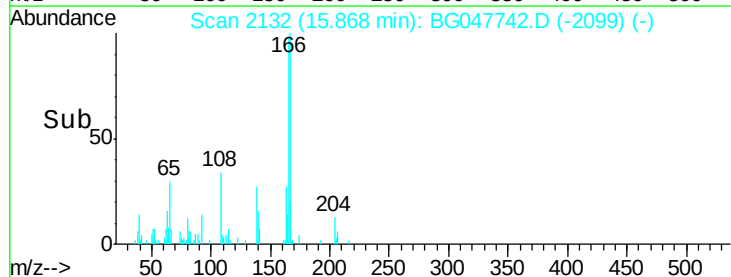
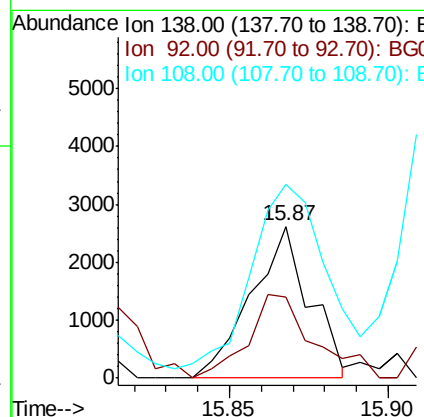
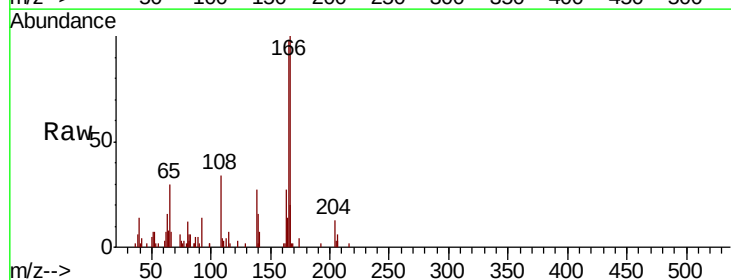
RT: 15.87 min Scan# 2132

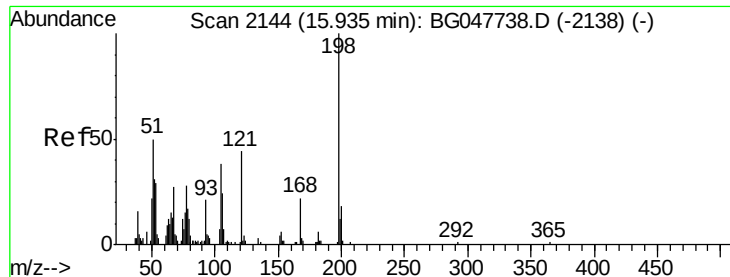
Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	138	Resp:	3346
Ion Ratio	Lower	Upper	
138	100		
92	53.5	31.9	47.9#
108	127.9	109.1	163.7





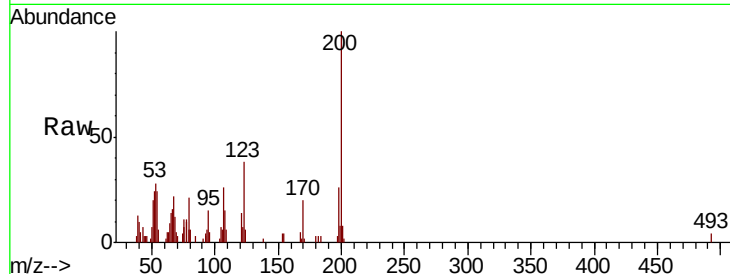
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.411 ng/ul
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-05

Tot Ion	Ratio	Resp	Lower	Upper
198	100	3470		
182	12.4		2.9	4.3#
77	38.1		26.1	39.1

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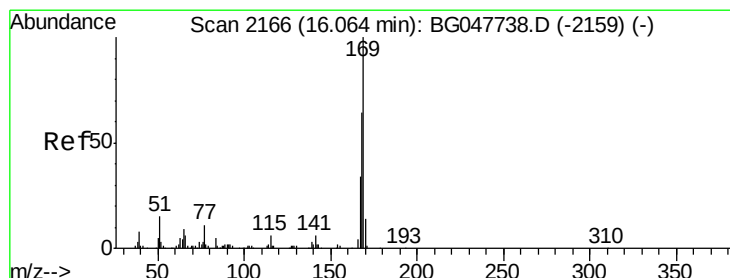
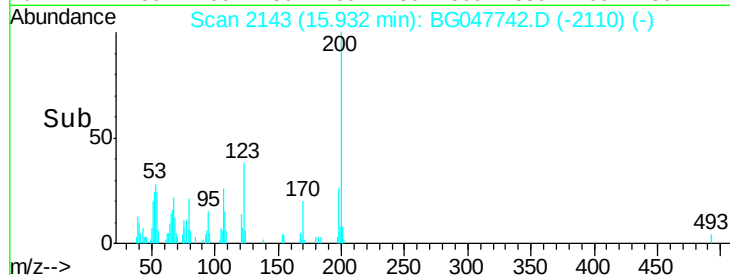
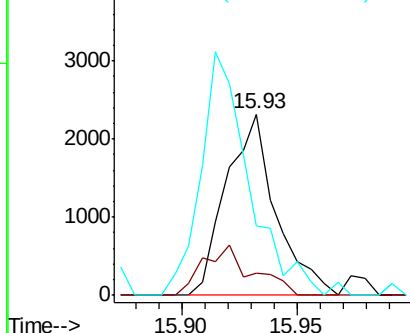


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E



#67
 N-Nitrosodiphenylamine
 Concen: 2.685 ng/ul
 RT: 16.06 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG047742.D
 Acq: 15 Dec 2020 11:33

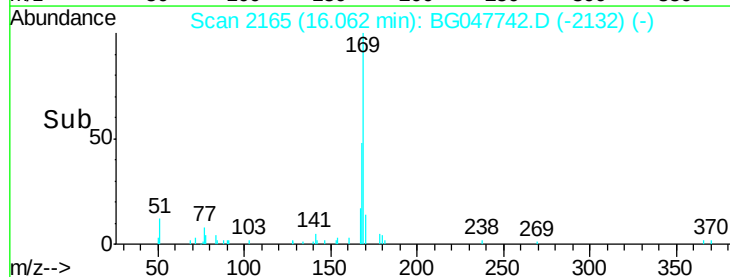
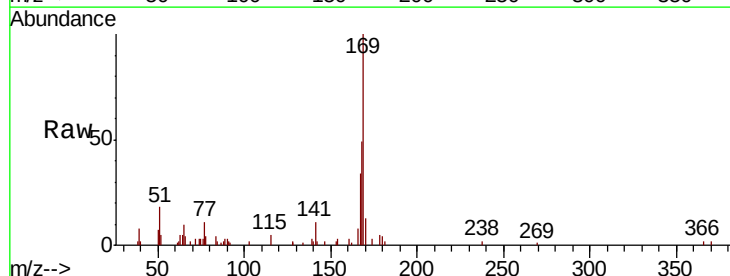
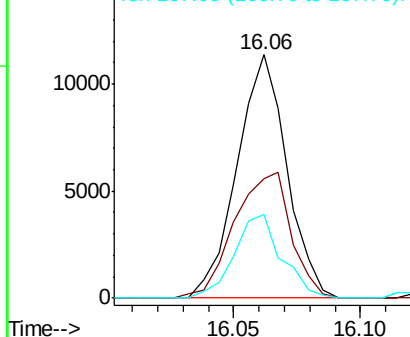
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	15478		
168	49.0		53.8	80.8#
167	34.4		29.8	44.8

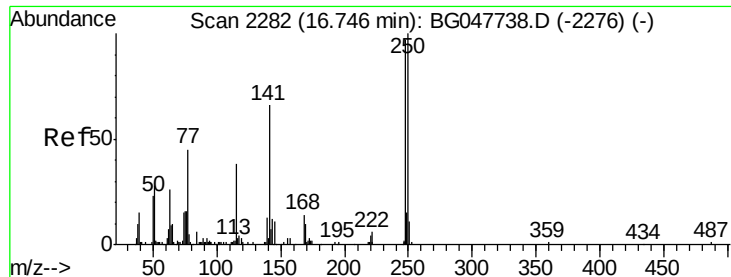
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





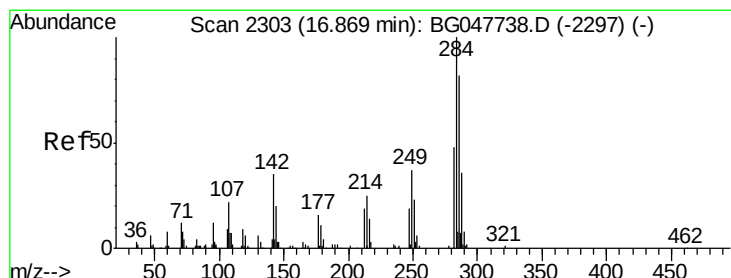
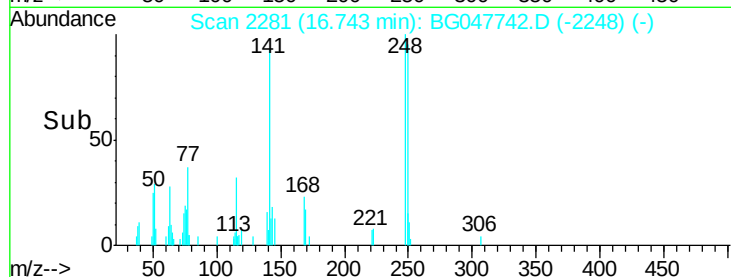
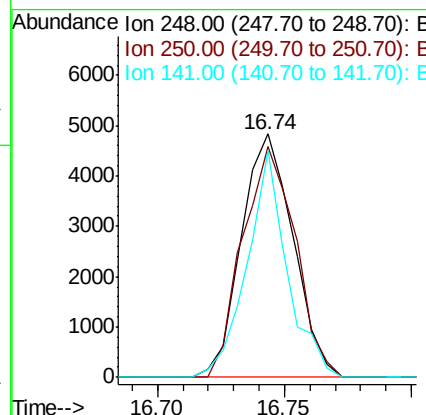
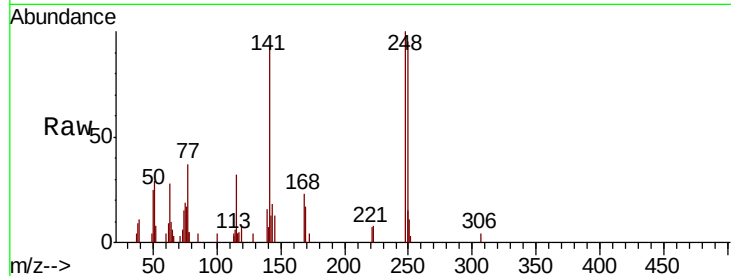
#68
4-Bromophenyl-phenylether
Concen: 2.584 ng/ul
RT: 16.74 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.2	115.8
141	93.3	61.8	92.6

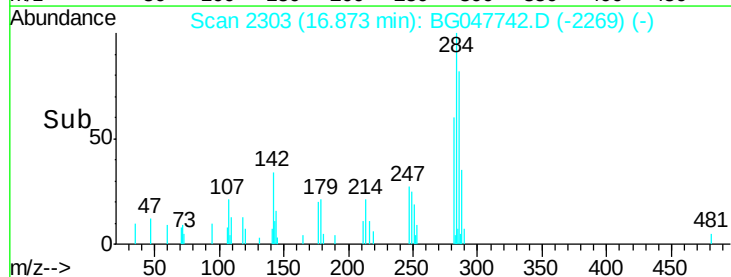
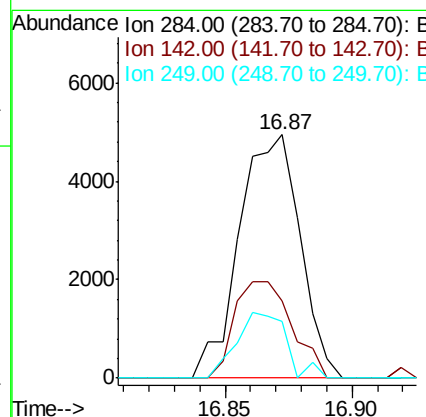
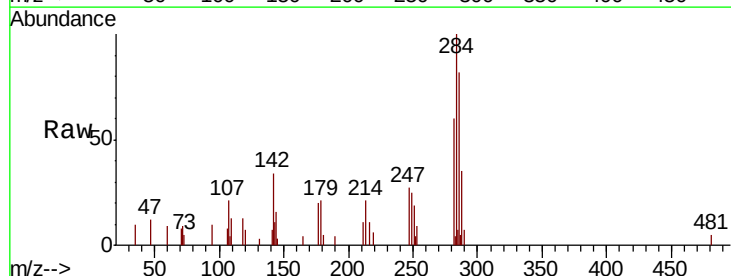
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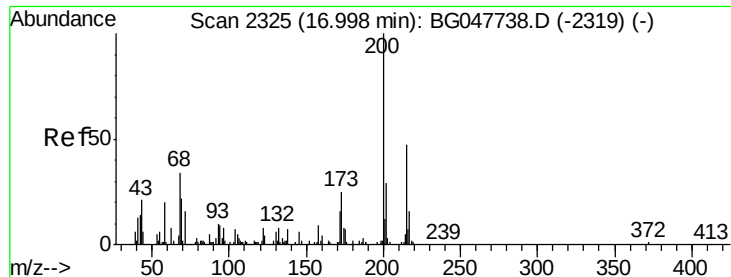
mohammad
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#69
Hexachlorobenzene
Concen: 2.814 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.3	43.9
249	23.3	31.7	47.5





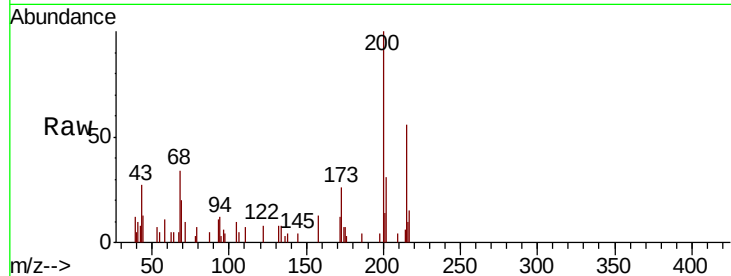
#70
Atrazine
Concen: 2.472 ng/ul
RT: 17.00 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

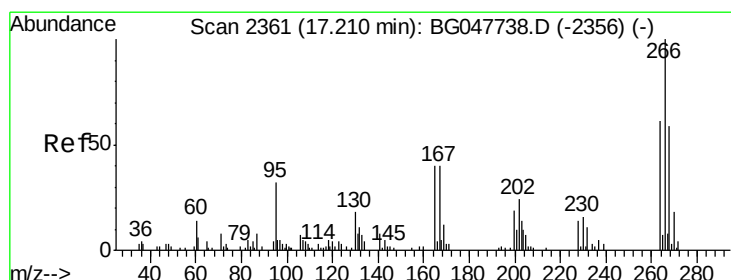
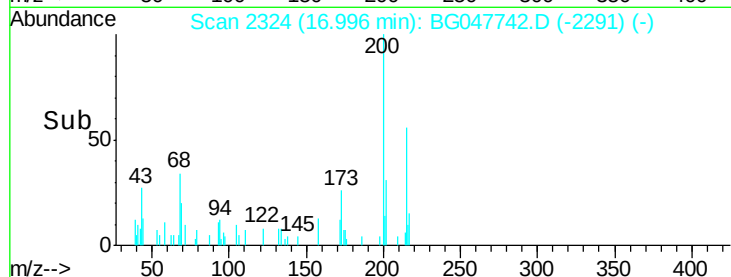
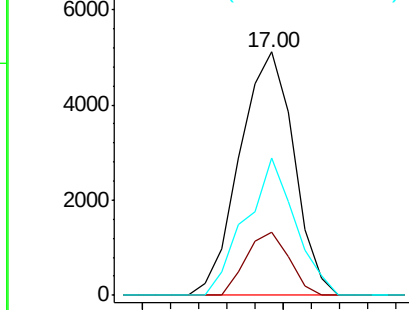
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	14.9	22.3#
215	56.2	42.5	63.7

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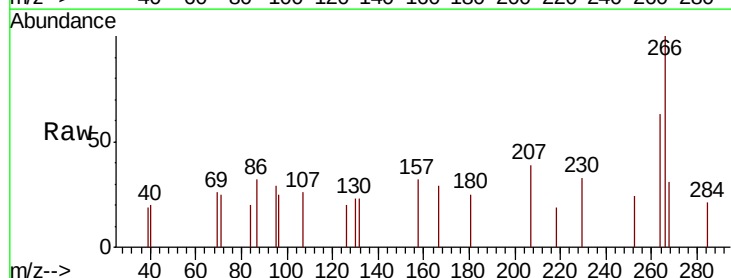


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

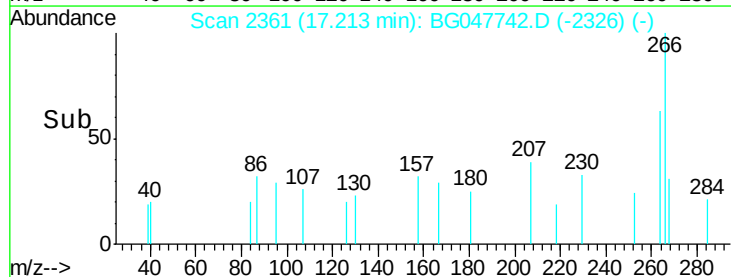
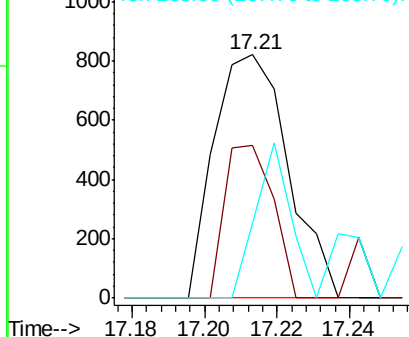


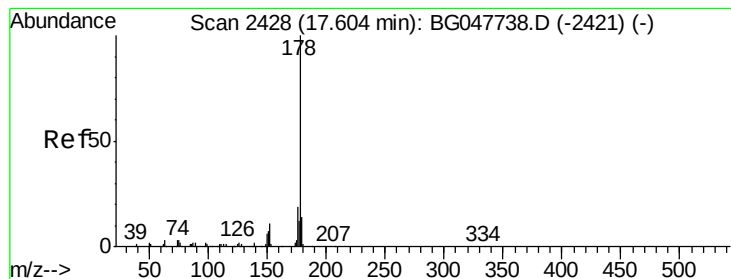
#71
Pentachlorophenol
Concen: 0.848 ng/ul
RT: 17.21 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	56.8	85.2
268	30.8	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: 2.622 ng/ul

RT: 17.60 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

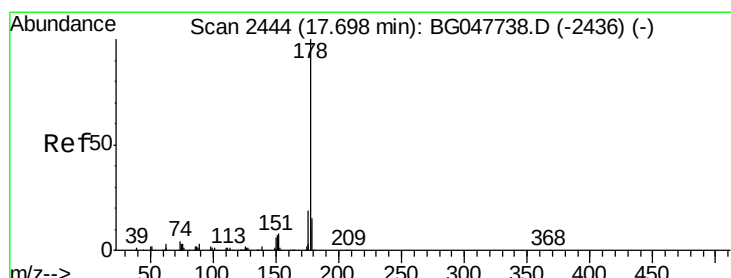
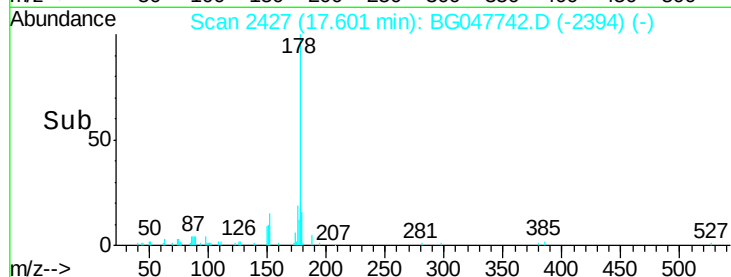
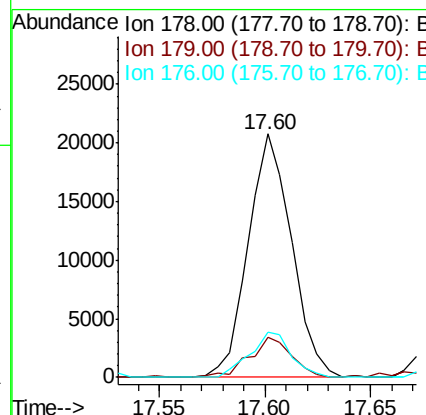
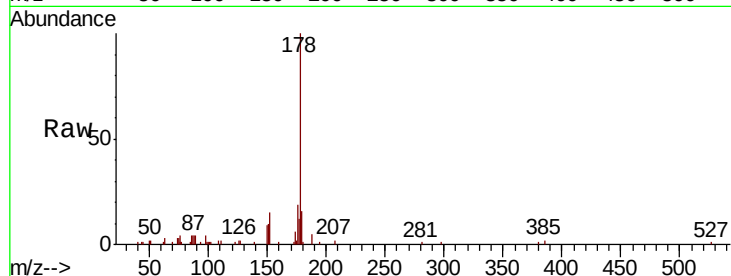
ClientSampleId :

MDL-SOIL-05

Tot Ion:	178	Resp:	29489
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.5	20.3
176	18.8	15.3	22.9

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#74

Anthracene

Concen: 2.525 ng/ul

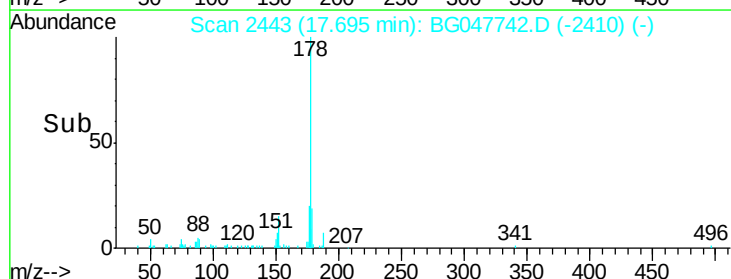
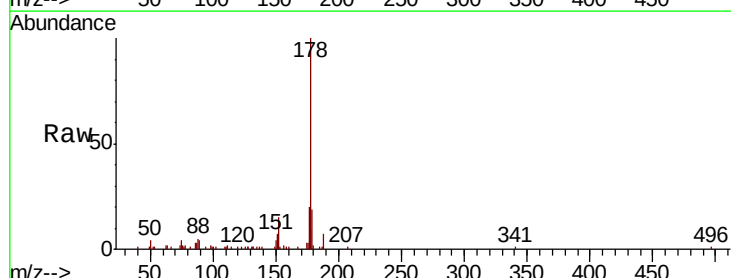
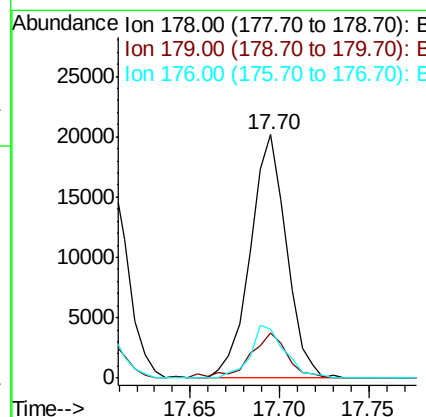
RT: 17.70 min Scan# 2443

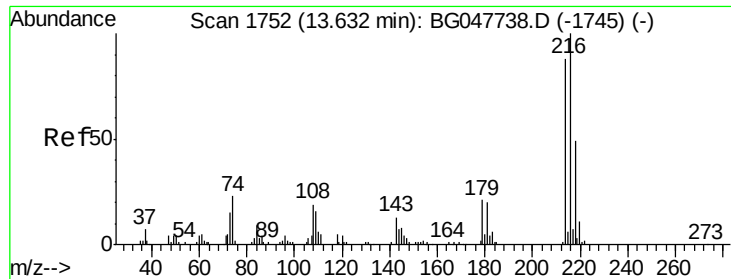
Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	178	Resp:	28376
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.0	18.0#
176	19.9	15.4	23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.664 ng/uL

RT: 13.63 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

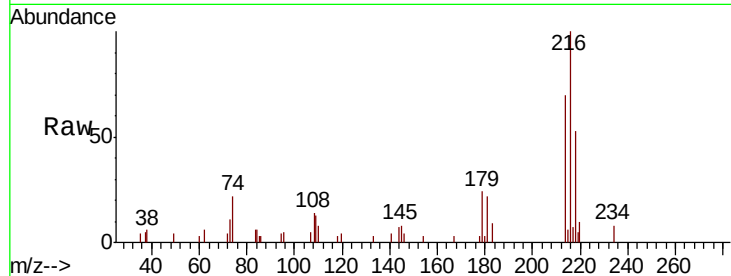
ClientSampleId :

MDL-SOIL-05

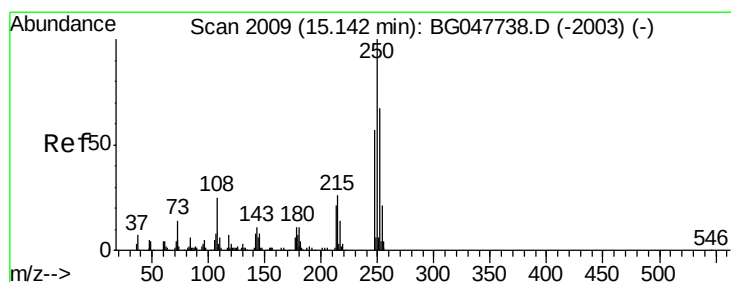
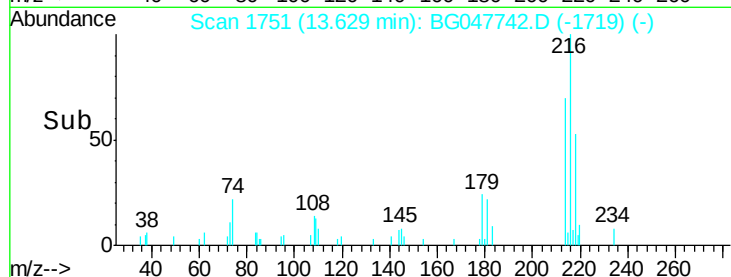
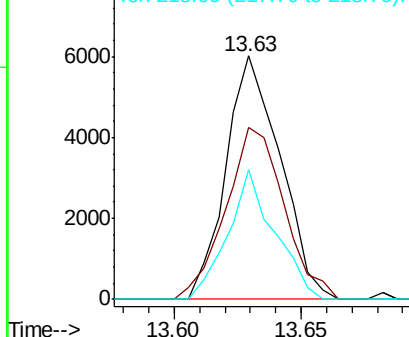
Tot Ion:	216	Resp:	8944
Ion Ratio	Lower	Upper	
216	100		
214	70.4	58.6	87.8
218	53.4	40.1	60.1

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 2.934 ng/uL

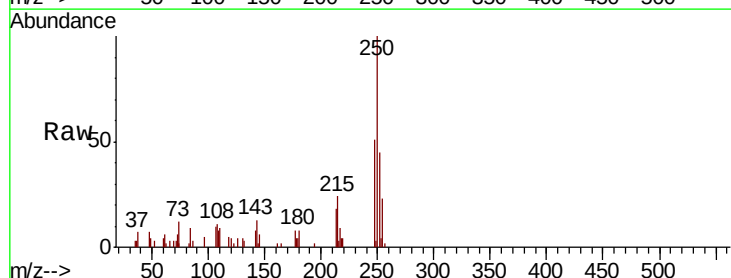
RT: 15.14 min Scan# 2008

Delta R.T. -0.00 min

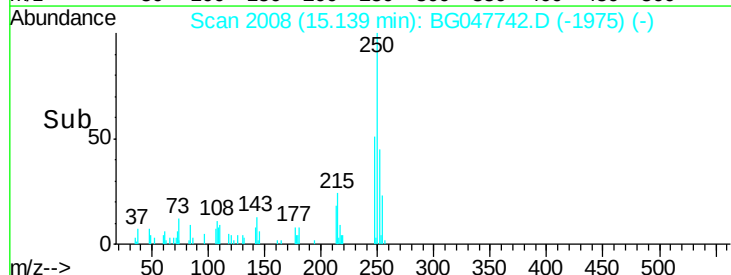
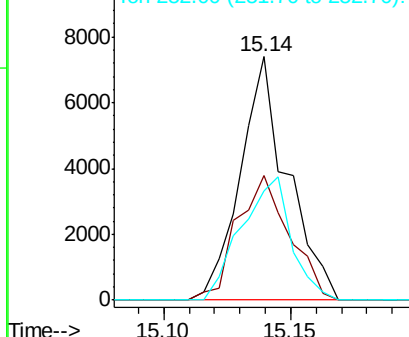
Lab File: BG047742.D

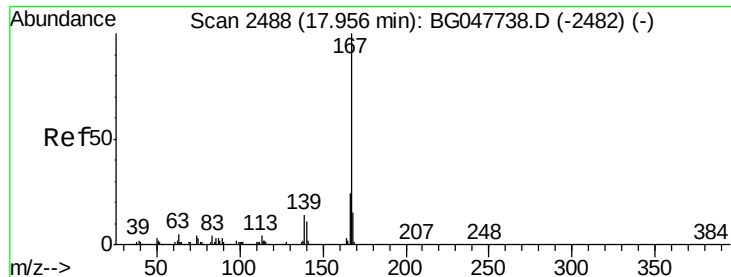
Acq: 15 Dec 2020 11:33

Tgt Ion:	250	Resp:	9613
Ion Ratio	Lower	Upper	
250	100		
248	50.9	49.4	74.0
252	45.1	52.7	79.1#



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.508 ng/ul

RT: 17.95 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

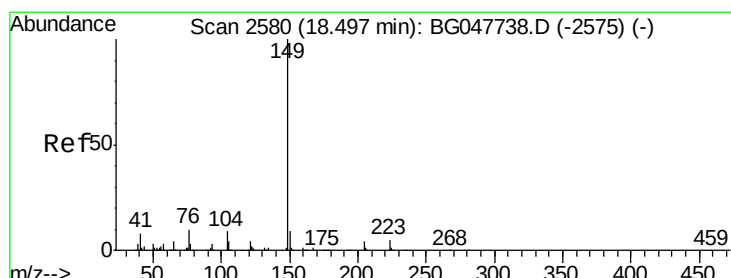
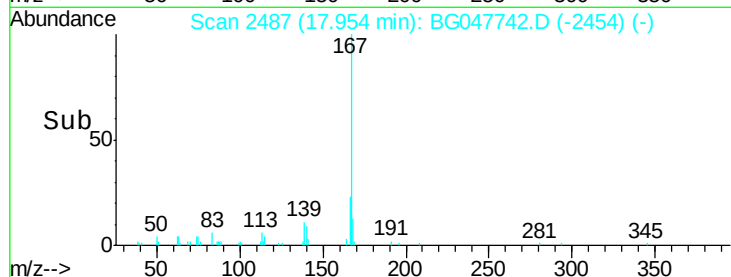
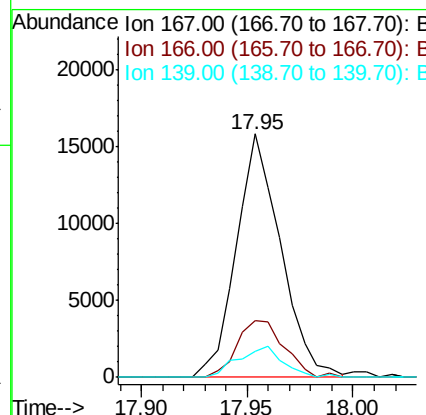
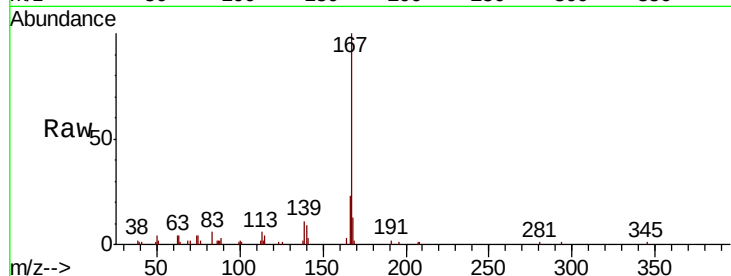
ClientSampleId :

MDL-SOIL-05

Tot Ion:	167	Resp:	22979
Ion Ratio	Lower	Upper	
167	100		
166	23.2	17.6	26.4
139	10.7	10.2	15.2

Manual Integrations
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#78

Di-n-butylphthalate

Concen: 2.465 ng/ul

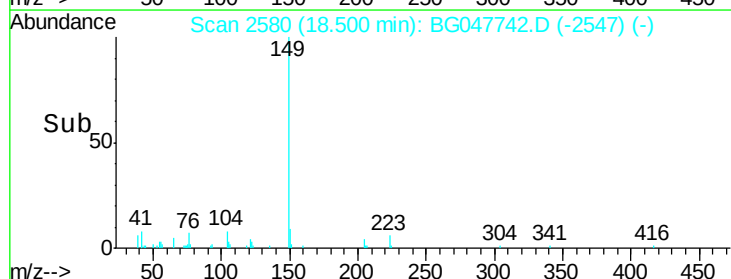
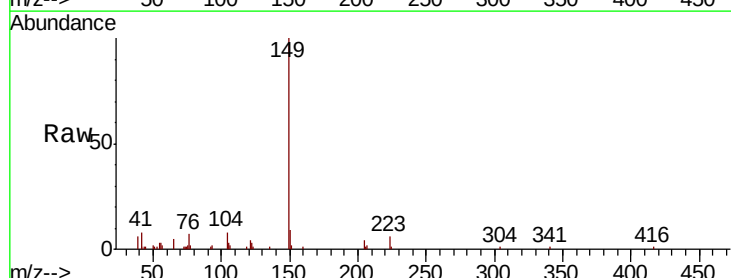
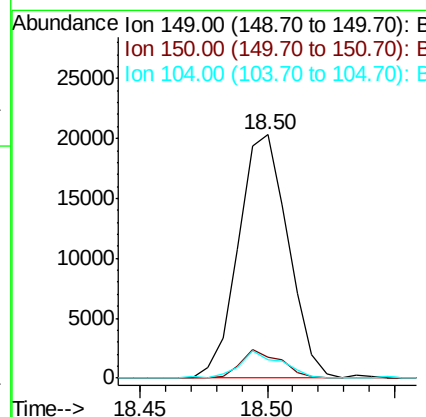
RT: 18.50 min Scan# 2580

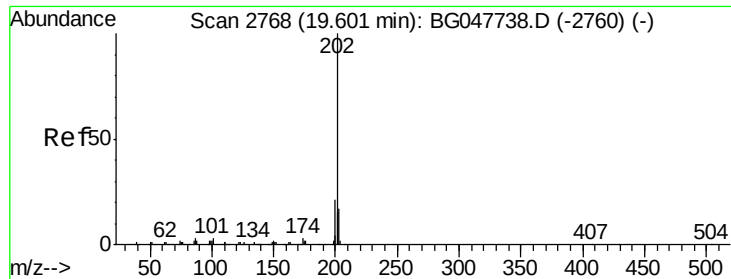
Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	149	Resp:	27699
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.3	10.9
104	7.7	7.0	10.6





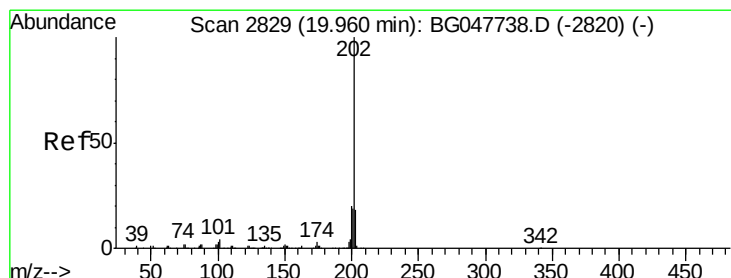
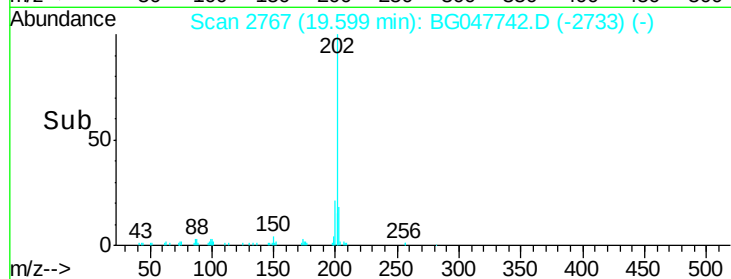
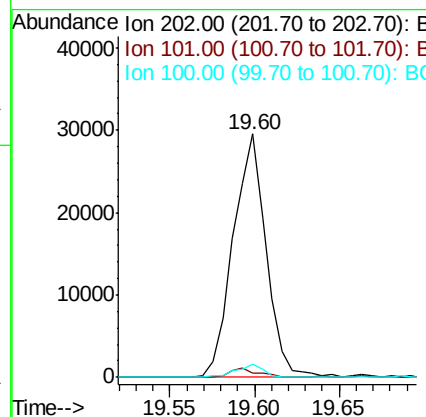
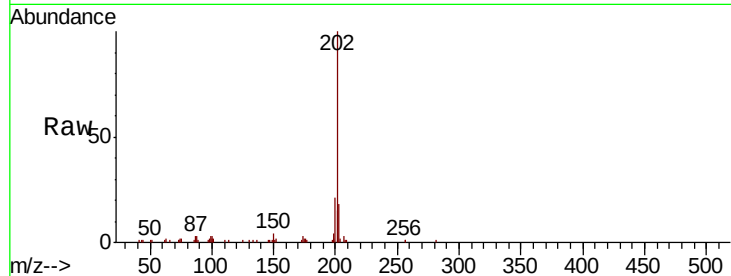
#80
Fluoranthene
Concen: 2.427 ng/ul
RT: 19.60 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	1.7	2.8	4.2#
100	5.2	2.3	3.5#

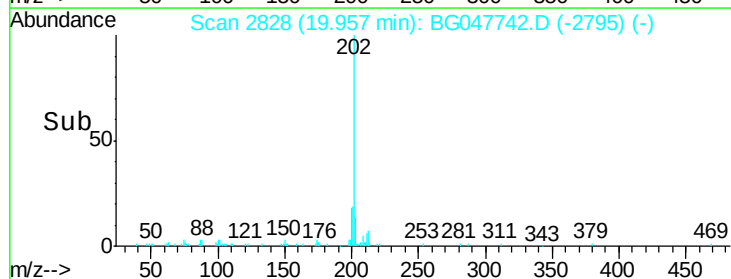
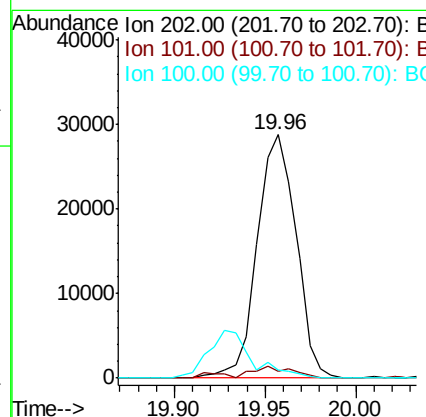
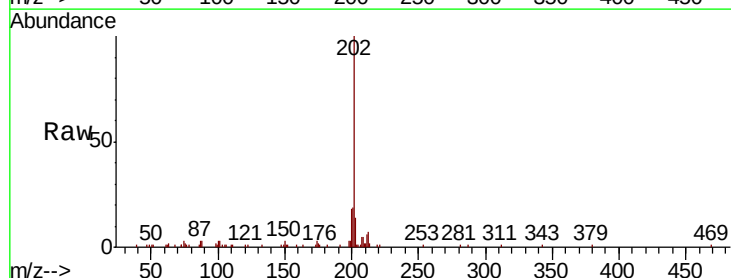
Manual Integrations
APPROVED

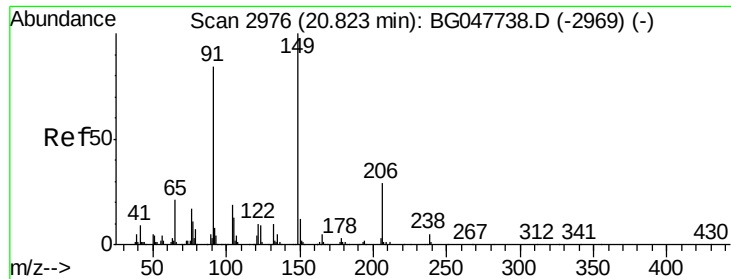
mohammad
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#82
Pyrene
Concen: 2.633 ng/ul
RT: 19.96 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	3.0	3.8	5.6#
100	3.4	3.0	4.6





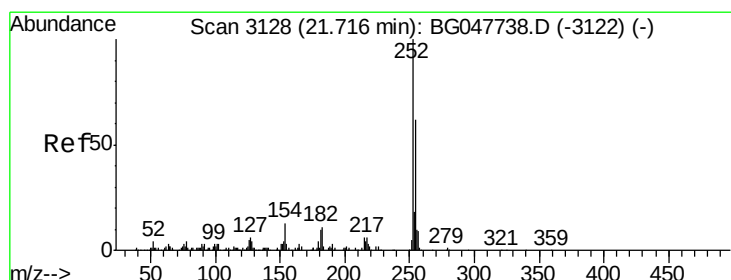
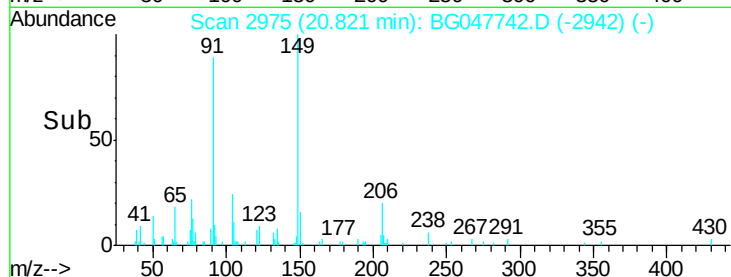
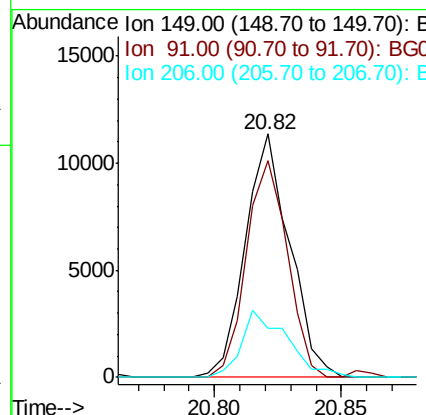
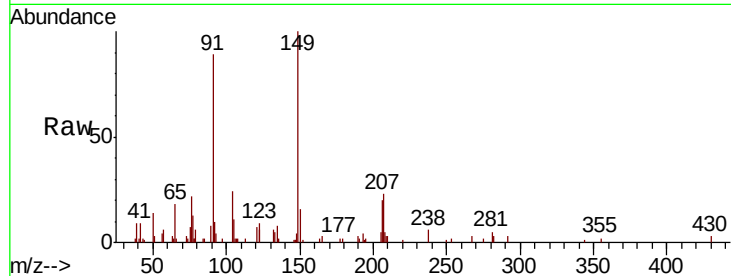
#83
Butylbenzylphthalate
Concen: 2.437 ng/ul
RT: 20.82 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.2	64.6	97.0
206	20.2	20.3	30.5

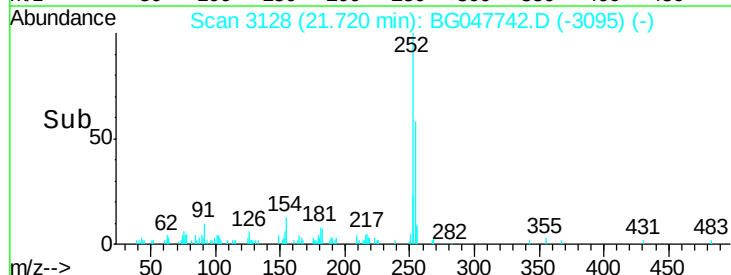
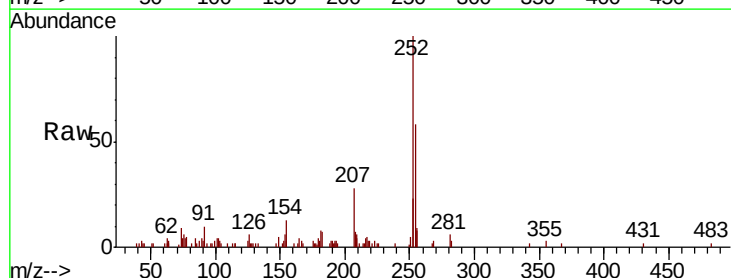
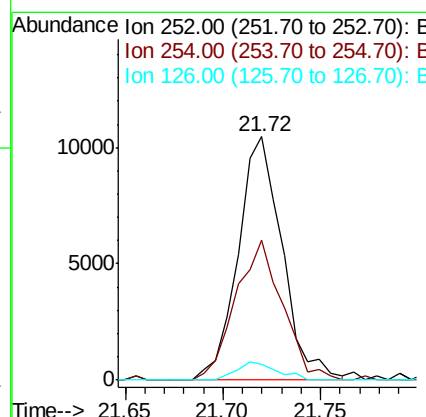
Manual Integrations
APPROVED

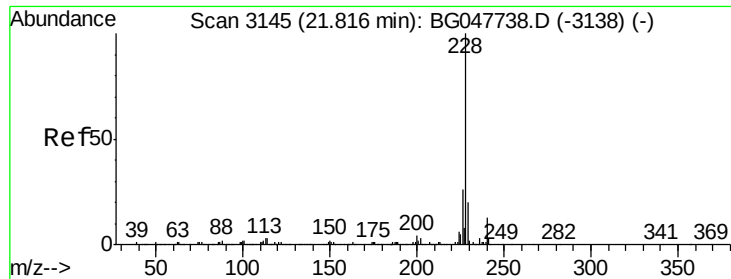
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 2.765 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	57.6	46.9	70.3
126	6.4	3.8	5.8





#85

Benzo(a)anthracene

Concen: 2.699 ng/ul

RT: 21.81 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

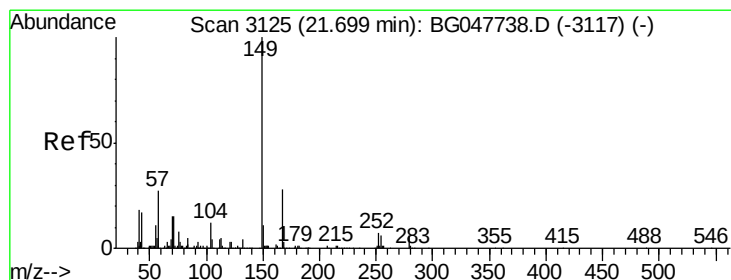
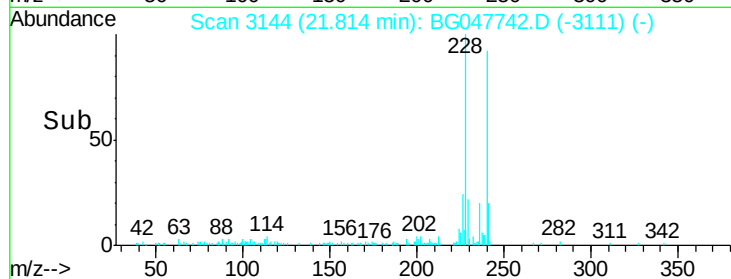
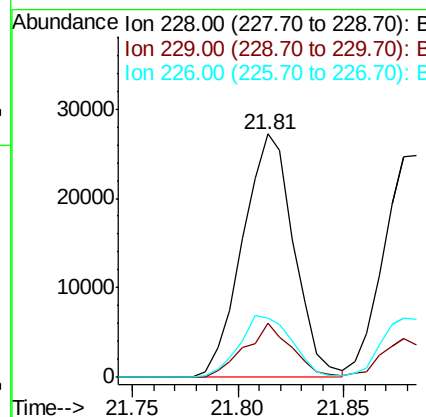
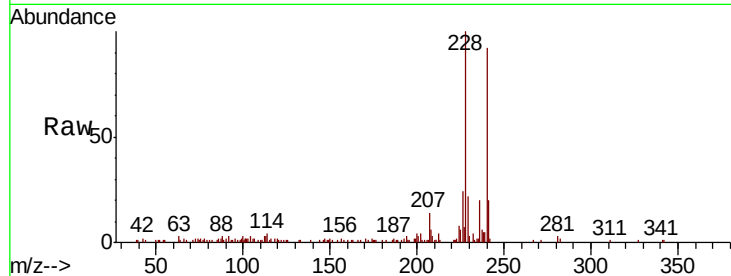
ClientSampleId :

MDL-SOIL-05

Tot Ion:	228	Resp:	45851
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.2	24.4
226	24.5	20.4	30.6

Manual Integrations
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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.534 ng/ul

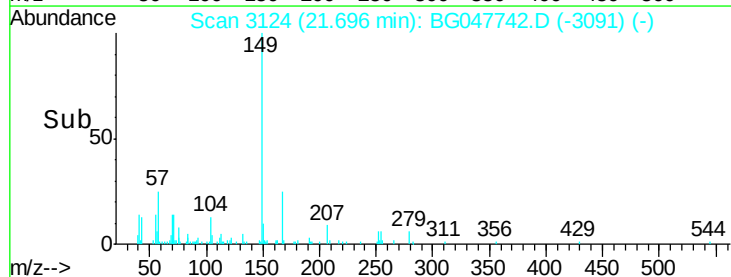
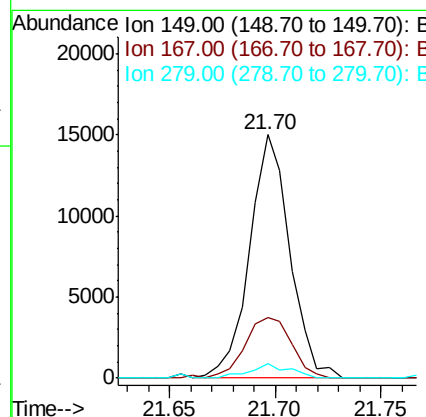
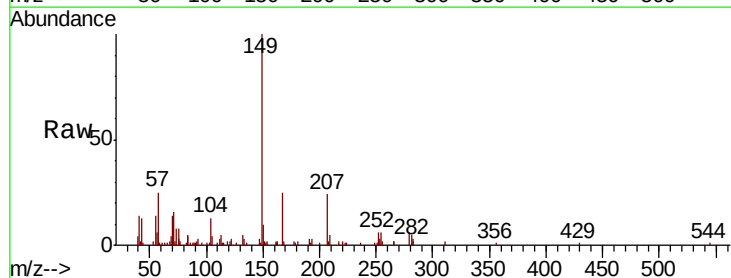
RT: 21.70 min Scan# 3124

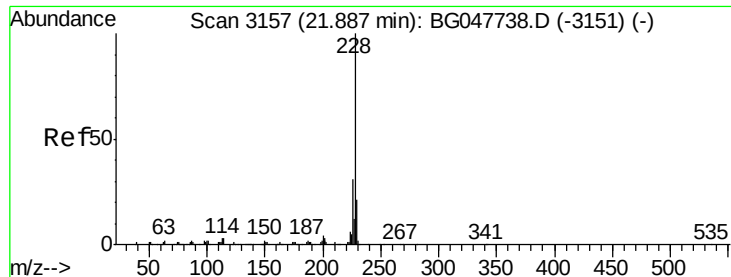
Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion:	149	Resp:	19847
Ion Ratio	Lower	Upper	
149	100		
167	24.8	25.1	37.7#
279	6.2	5.2	7.8





#87

Chrysene

Concen: 2.673 ng/ul m

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-05

Tot Ion:228 Resp: 43090

Ion Ratio Lower Upper

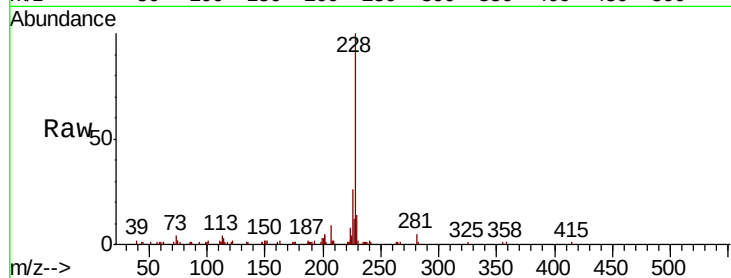
228 100

226 26.3 23.0 34.6

229 14.4 16.2 24.2#

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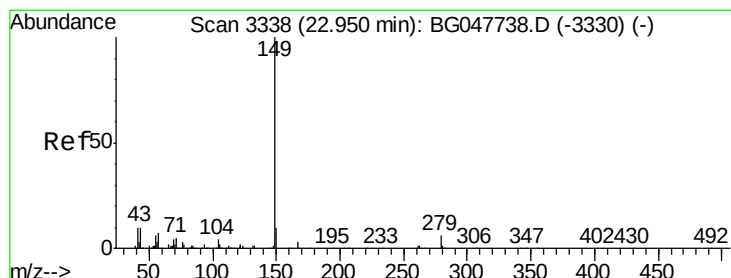
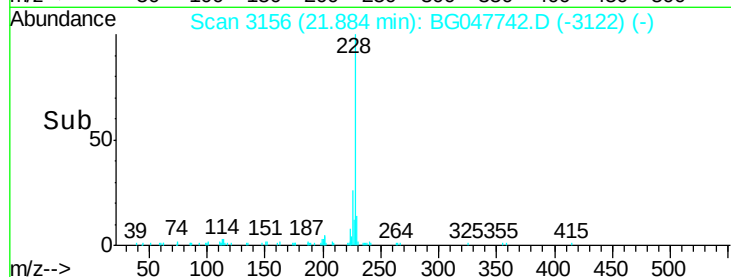
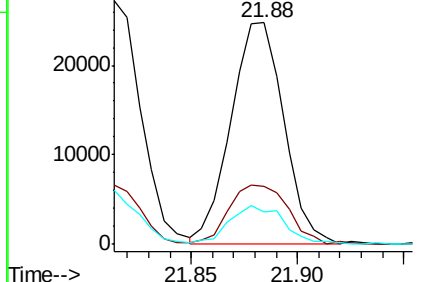
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 2.747 ng/ul

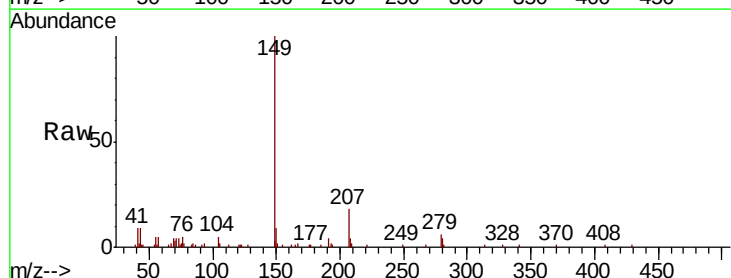
RT: 22.95 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BG047742.D

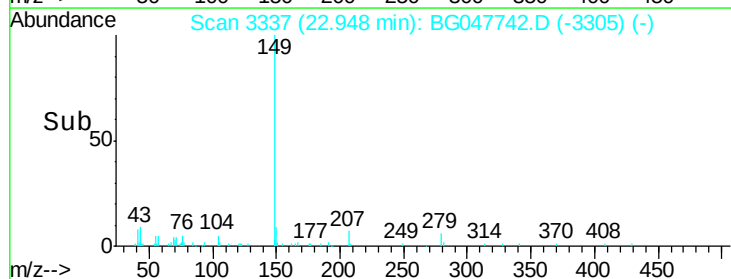
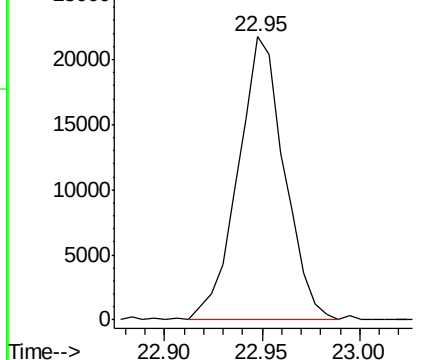
Acq: 15 Dec 2020 11:33

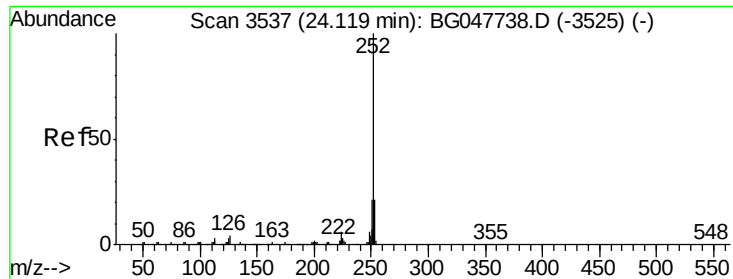
Tgt Ion:149 Resp: 35761



Abundance Ion 149.00 (148.70 to 149.70): E

22.95





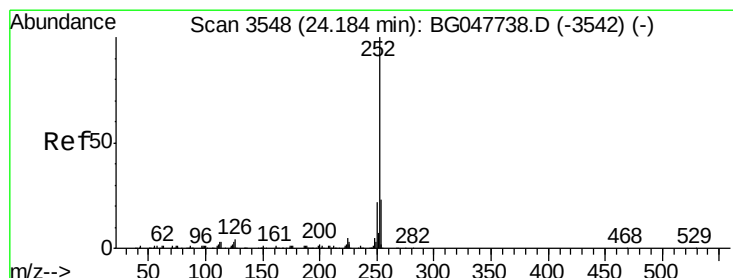
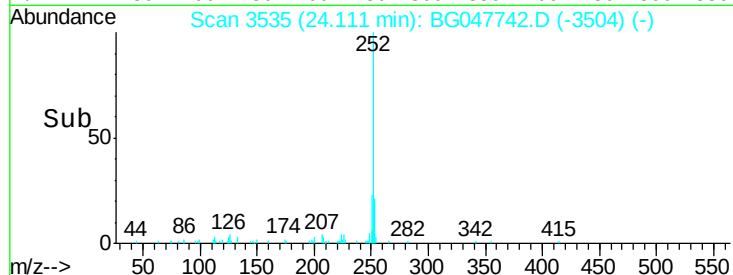
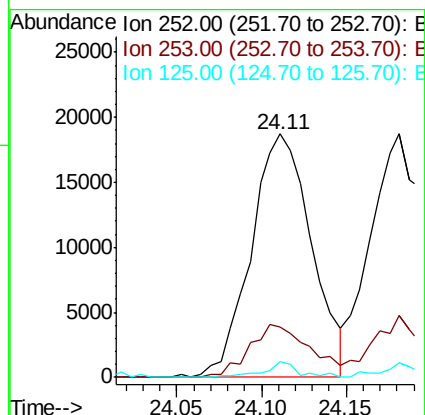
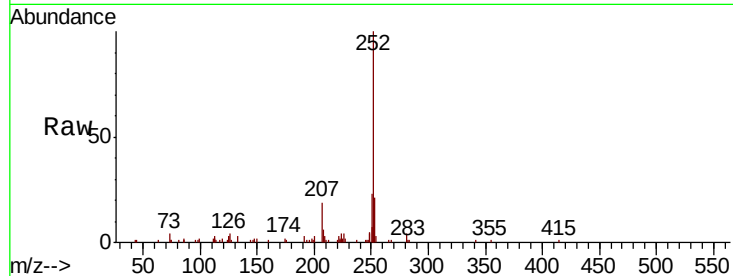
#90
Benzo(b)fluoranthene
Concen: 2.688 ng/ul
RT: 24.11 min Scan# 3535
Delta R.T. -0.02 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.6	24.8
125	6.3	1.8	2.8

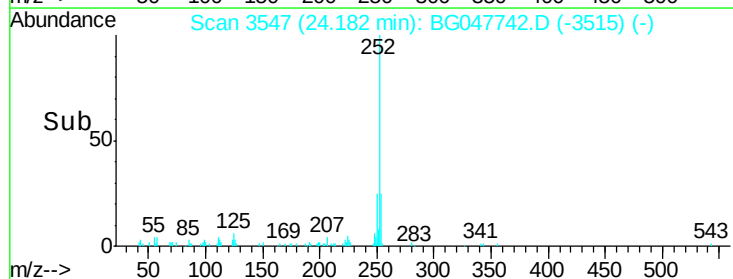
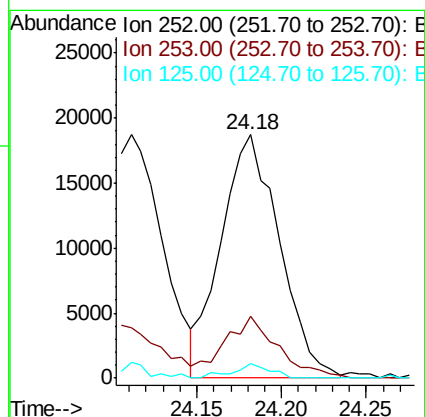
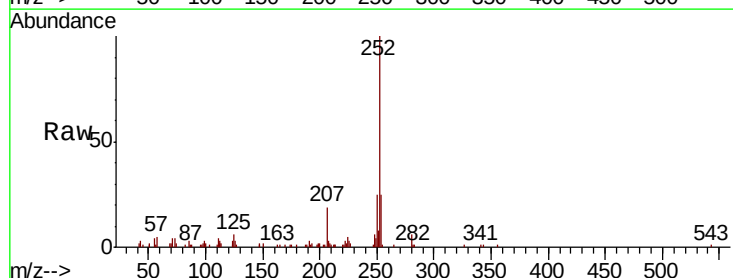
Manual Integrations
APPROVED

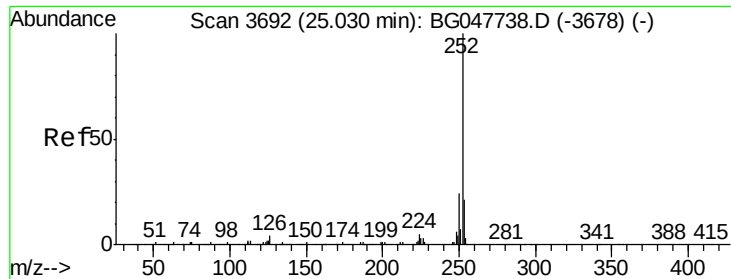
mohammad
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#91
Benzo(k)fluoranthene
Concen: 2.627 ng/ul
RT: 24.18 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG047742.D
Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.4
125	6.2	2.2	3.2





#93

Benzo(a)pyrene

Concen: 2.883 ng/ul m

RT: 25.03 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

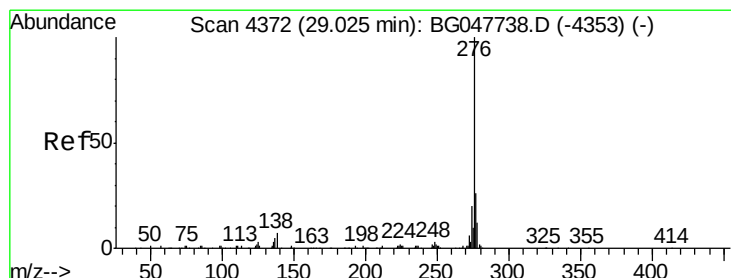
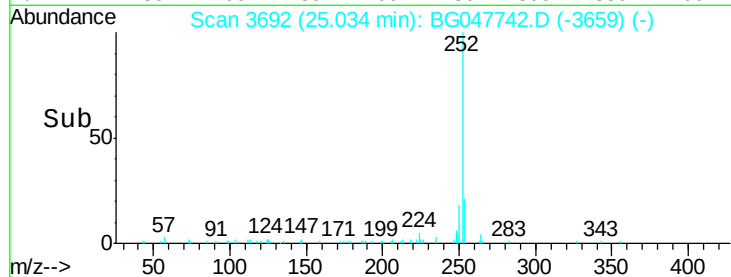
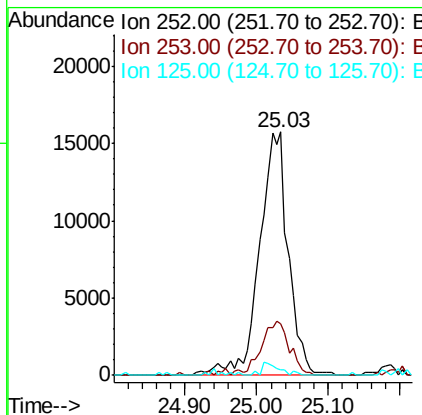
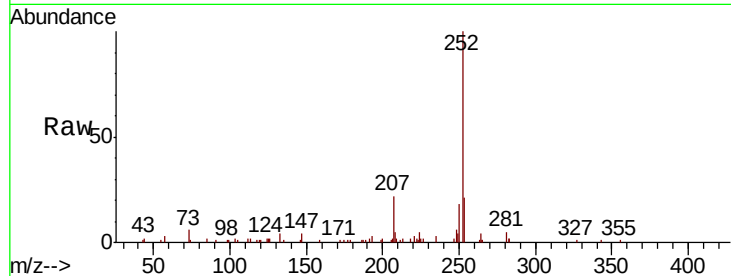
ClientSampleId :

MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	2.2	2.6	4.0#

Manual Integrations
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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.651 ng/ul m

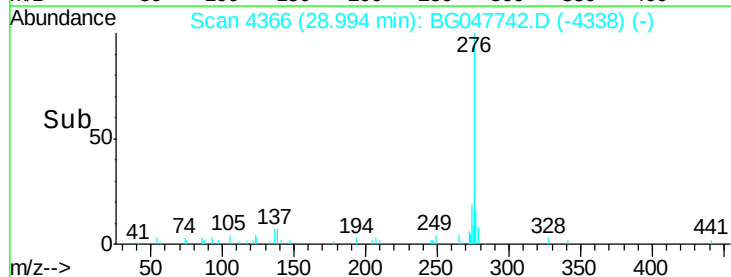
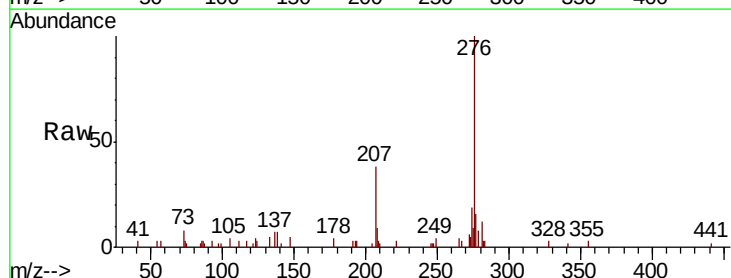
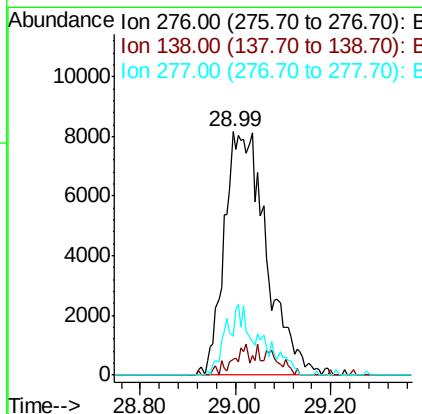
RT: 28.99 min Scan# 4366

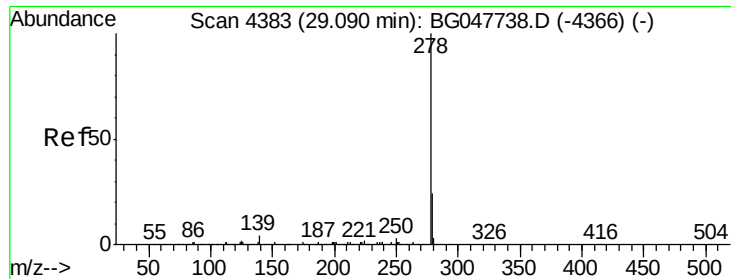
Delta R.T. -0.03 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.7	5.1	7.7
277	16.2	18.4	27.6#





#95

Dibenzo(a,h)anthracene

Concen: 2.791 ng/ul m

RT: 29.08 min Scan# 4381

Delta R.T. -0.02 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Instrument :

BNA_G

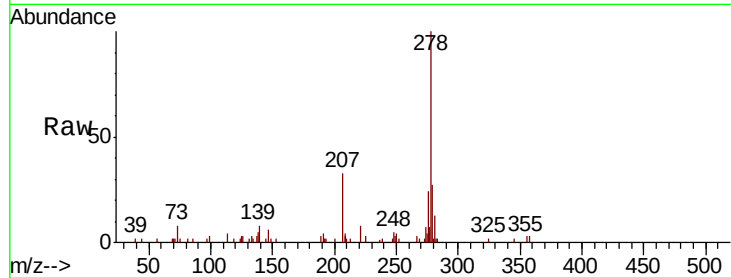
ClientSampleId :

MDL-SOIL-05

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.6	3.5	5.3#
279	26.9	18.6	28.0

Manual Integrations
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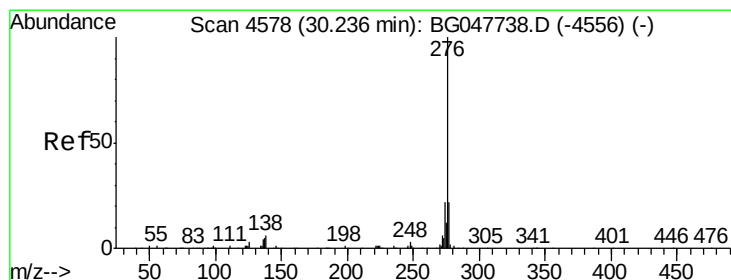
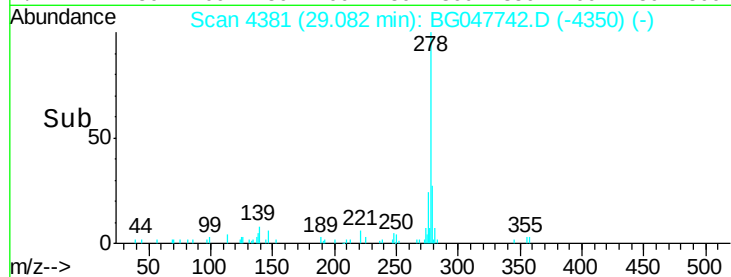
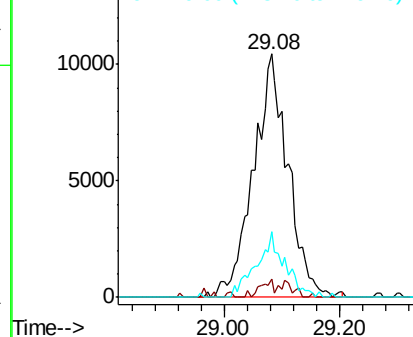


Abundance

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: 2.645 ng/ul m

RT: 30.23 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG047742.D

Acq: 15 Dec 2020 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	4.2	6.4#
277	21.1	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

