

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046062.D
 Acq On : 24 Jul 2020 12:56
 Operator : CG/JU
 Sample : L1955-03
 Misc : MDL-SOIL-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Manual Integrations
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 7/27/2020 12:20:28 PM

Quant Time: Jul 24 13:34:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	97087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	408166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	277048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	618192	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	628427	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	701646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3851	1.96	ng/uL	0.00
5) Phenol-d5	7.13	99	215925	28.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	135077	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	176488	28.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	177842	27.67	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	84871	29.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	92238	31.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	188084	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	258252	34.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	632286	29.26	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	761181	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	93450	26.48	ng/ul	0.00
58) Fluorene-d10	15.58	176	563314	28.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	81954	26.49	ng/ul	0.00
71) Anthracene-d10	17.43	188	841529	29.52	ng/ul	0.00
79) Pyrene-d10	19.71	212	1012625	30.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1054984	27.13	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.46	88	4013	1.667	ng/uL# 89
4) Benzaldehyde	7.10	77	13635m	2.510	ng/ul
6) Phenol	7.15	94	31380	3.999	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.38	93	26449	4.118	ng/ul 99
10) 2-Chlorophenol	7.53	128	24521	3.966	ng/ul 95
11) 2-Methylphenol	8.40	108	22162	3.505	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	44811	4.128	ng/ul 98
14) Acetophenone	8.78	105	39319	4.146	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.77	70	20127	3.922	ng/ul 97
16) 4-Methylphenol	8.73	108	25834	3.813	ng/ul 91
17) Hexachloroethane	9.05	117	10341	3.942	ng/ul 92
20) Nitrobenzene	9.15	77	28998	3.917	ng/ul 98
21) Isophorone	9.68	82	54763	3.785	ng/ul 93
23) 2-Nitrophenol	9.87	139	14088	4.273	ng/ul 92
24) 2,4-Dimethylphenol	9.94	107	26289	3.598	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.16	93	35434	3.872	ng/ul 97
27) 2,4-Dichlorophenol	10.41	162	26194	3.987	ng/ul 91
28) Naphthalene	10.81	128	86647	3.967	ng/ul 96
30) 4-Chloroaniline	10.91	127	33758	4.675	ng/ul 95
31) Hexachlorobutadiene	11.11	225	19928	3.941	ng/ul 92
32) Caprolactam	11.69	113	6554m	2.959	ng/ul
33) 4-Chloro-3-methylphenol	12.03	107	24544	3.643	ng/ul 98
34) 2-Methylnaphthalene	12.41	142	67944	4.137	ng/ul 99

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35) 1-Methylnaphthalene	12.63	142	67021	4.132	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	40458	4.224	ng/uL	97
38) Hexachlorocyclopentadiene	12.77	237	13887	2.532	ng/uL	94
39) 2,4,6-Trichlorophenol	13.02	196	19506	3.484	ng/uL	94
40) 2,4,5-Trichlorophenol	13.09	196	21628	3.554	ng/uL	96
41) 1,1'-Biphenyl	13.43	154	91691	4.278	ng/uL	100
42) 2-Chloronaphthalene	13.46	162	72640	4.247	ng/uL	97
43) 2-Nitroaniline	13.65	65	13828	3.430	ng/uL	90
45) Dimethylphthalate	14.04	163	88737	4.095	ng/uL	97
46) 2,6-Dinitrotoluene	14.15	165	14759	3.571	ng/uL	96
48) Acenaphthylene	14.31	152	106916	4.075	ng/uL	97
49) 3-Nitroaniline	14.48	138	12094	3.107	ng/uL#	94
50) Acenaphthene	14.65	153	76947	4.073	ng/uL	93
51) 2,4-Dinitrophenol	14.69	184	4885	2.670	ng/uL	96
53) 4-Nitrophenol	14.78	109	9014m	3.560	ng/uL	
54) Dibenzofuran	14.98	168	111370	4.323	ng/uL	99
55) 2,4-Dinitrotoluene	14.94	165	21378	3.633	ng/uL	100
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21677	3.820	ng/uL	97
57) Diethylphthalate	15.41	149	85007	3.971	ng/uL	99
59) Fluorene	15.63	166	89452	4.095	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.63	204	46207	4.026	ng/uL	97
61) 4-Nitroaniline	15.63	138	12863m	2.964	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12360	3.750	ng/uL#	78
65) N-Nitrosodiphenylamine	15.84	169	75809	4.217	ng/uL	96
66) 4-Bromophenyl-phenylether	16.52	248	32439	4.223	ng/uL	96
67) Hexachlorobenzene	16.64	284	35788	4.127	ng/uL	99
68) Atrazine	16.79	200	27903	3.883	ng/uL	99
69) Pentachlorophenol	16.99	266	13294m	2.876	ng/uL	
70) Phenanthrene	17.37	178	147122	4.264	ng/uL	97
72) Anthracene	17.46	178	144345	4.199	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	42418	4.569	ng/uL	97
74) Pentachlorobenzene	14.91	250	40752	4.347	ng/uL	96
75) Carbazole	17.73	167	122991	4.458	ng/uL	95
76) Di-n-butylphthalate	18.30	149	132442	3.902	ng/uL	98
77) Fluoranthene	19.38	202	182670	4.827	ng/uL	99
80) Pvrene	19.74	202	185690	4.370	ng/uL	100
81) Butylbenzylphthalate	20.63	149	54804	3.757	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.47	252	52391	3.884	ng/uL	96
83) Benzo(a)anthracene	21.56	228	186998	4.518	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	79983	3.770	ng/uL	95
85) Chrysene	21.62	228	176245	4.381	ng/uL	96
87) Di-n-octyl phthalate	22.67	149	129598	3.535	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	181634	3.832	ng/uL	96
89) Benzo(k)fluoranthene	23.77	252	185826	3.993	ng/uL	98
91) Benzo(a)pyrene	24.54	252	177230	4.077	ng/uL	96
92) Indeno(1,2,3-cd)pyrene	28.20	276	203284	3.745	ng/uL	97
93) Dibenzo(a,h)anthracene	28.27	278	166881	3.758	ng/uL	99
94) Benzo(a,h,i)perylene	29.29	276	173319	3.777	ng/uL	95

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

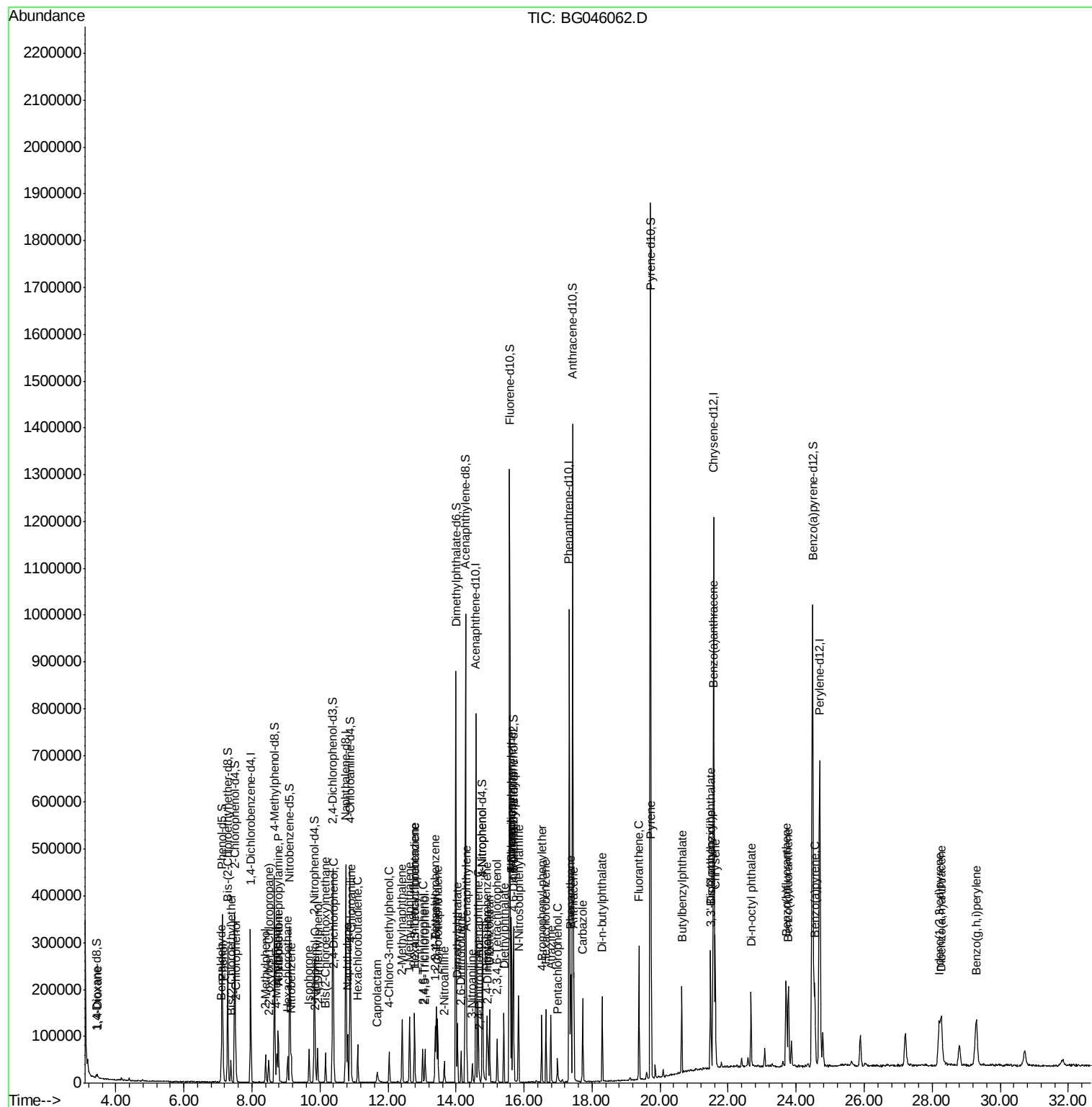
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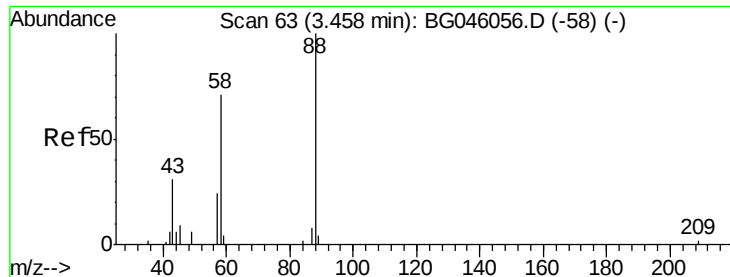
Instrument :
BNA_G
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MDL-SOIL-03

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#2

1,4-Dioxane

Concen: 1.667 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

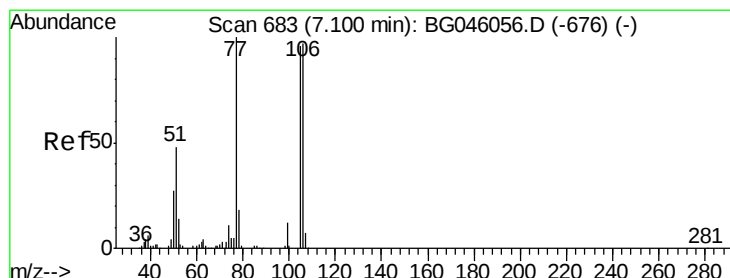
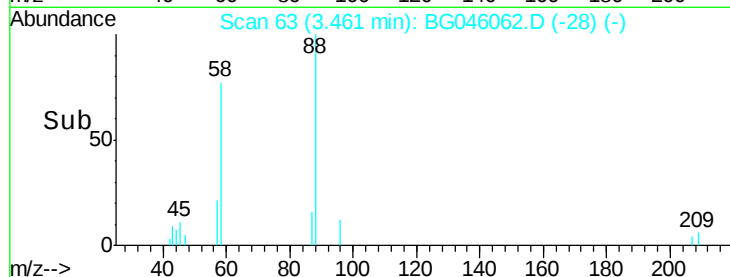
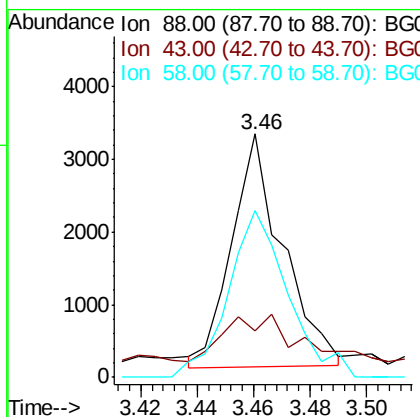
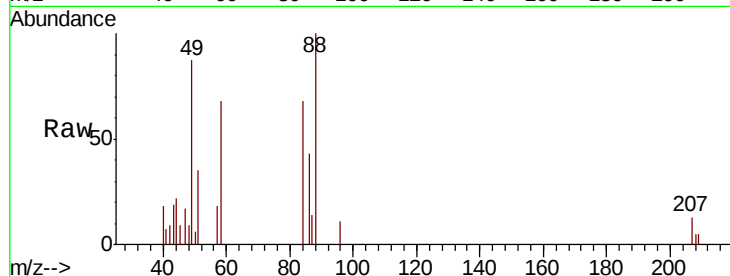
ClientSampleId :

MDL-SOIL-03

Tot Ion:	88	Resp:	4013
Ion	Ratio	Lower	Upper
88	100		
43	19.0	26.6	39.8#
58	68.5	57.4	86.2

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#4

Benzaldehyde

Concen: 2.510 ng/uL

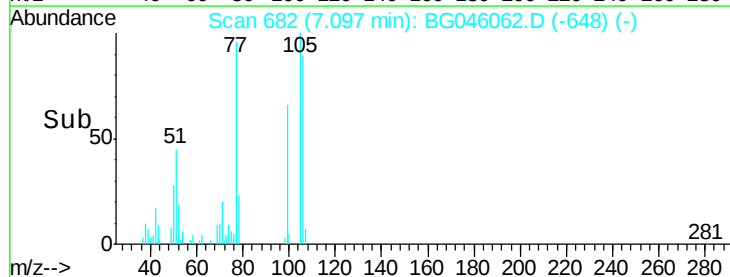
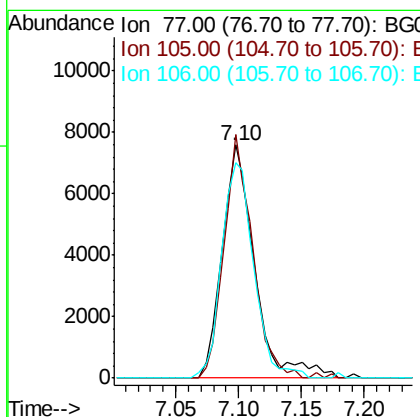
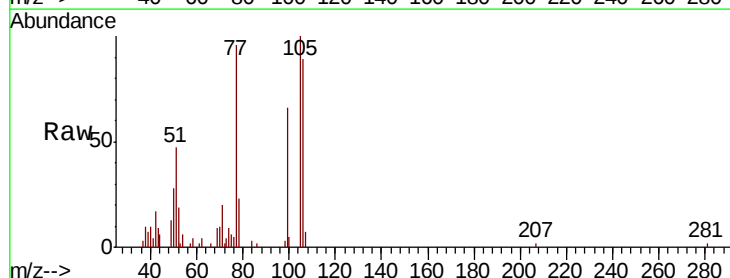
RT: 7.10 min Scan# 682

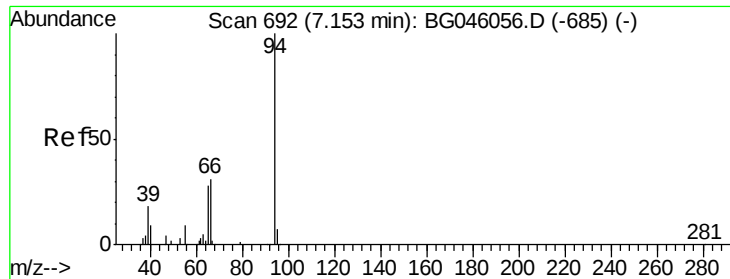
Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:	77	Resp:	13635
Ion	Ratio	Lower	Upper
77	100		
105	104.6	79.4	119.2
106	92.8	78.6	117.8





#6

Phenol

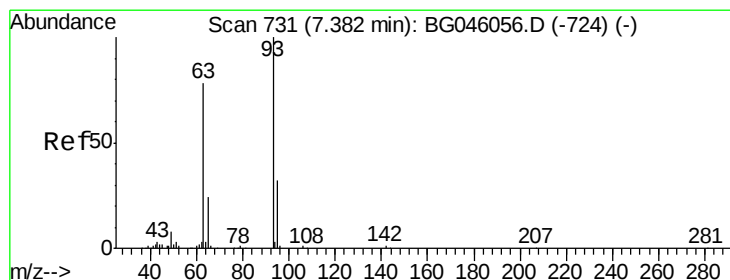
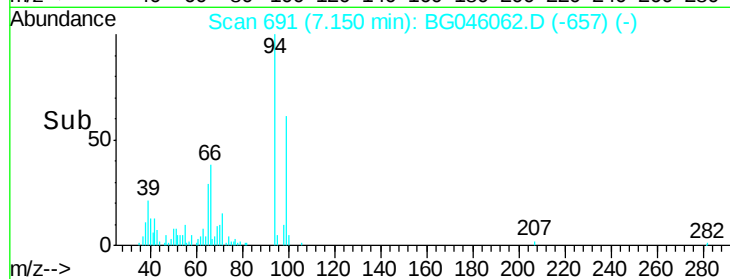
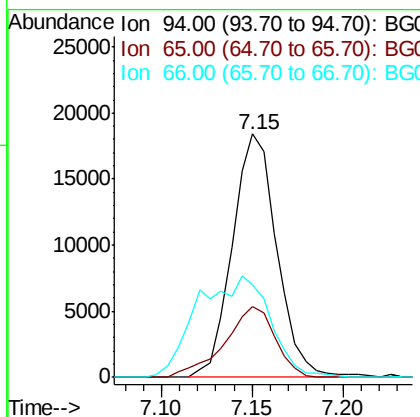
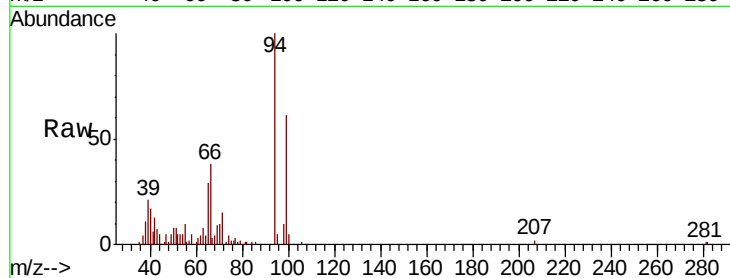
Concen: 3.999 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
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 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.0	23.1	34.7
66	38.2	30.3	45.5

Manual Integrations
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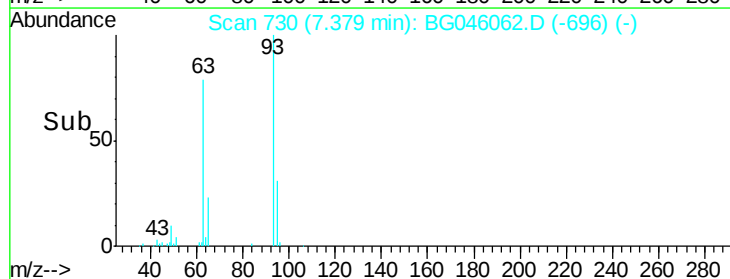
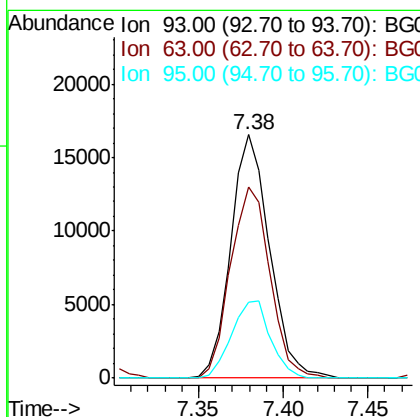
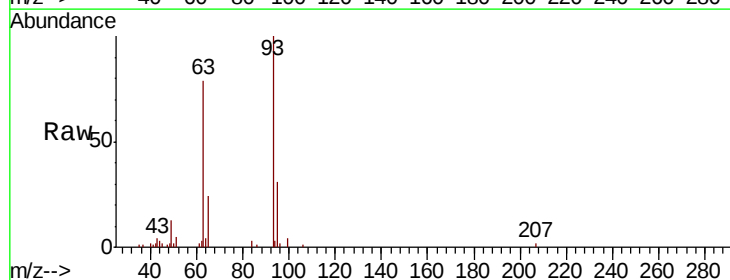


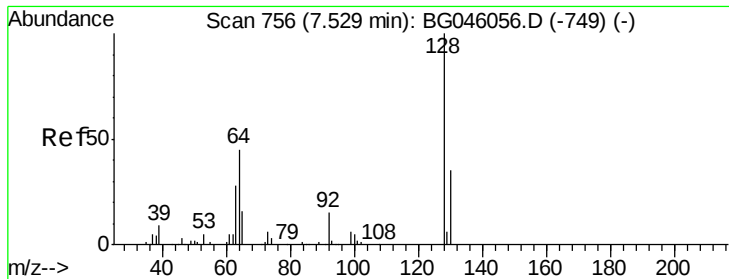
#8

Bis(2-Chloroethyl)ether

Concen: 4.118 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.6	63.4	95.2
95	31.4	26.4	39.6





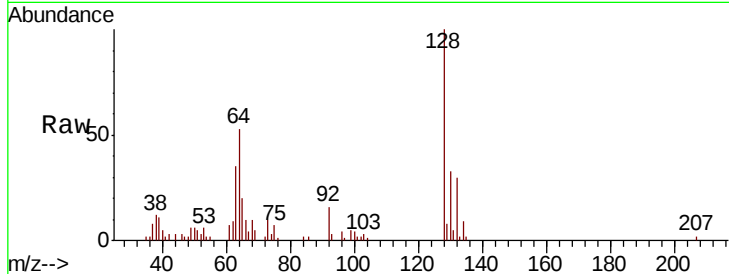
#10
2-Chlorophenol
Concen: 3.966 ng/ul
RT: 7.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG046062.D
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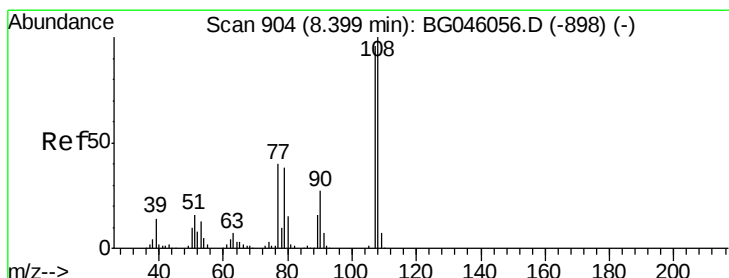
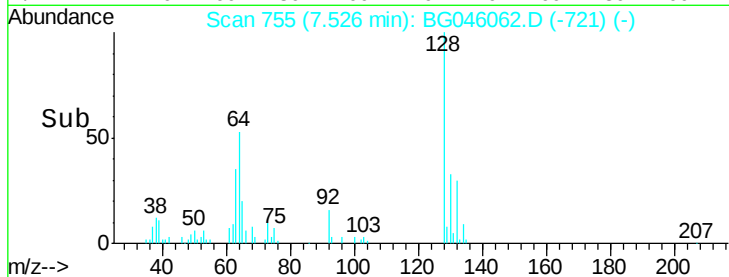
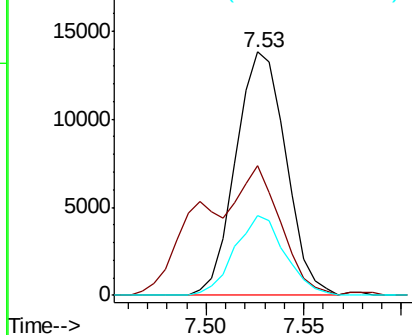
Tot Ion	Ratio	Lower	Upper
128	100		
64	53.3	39.0	58.6
130	32.5	25.0	37.4

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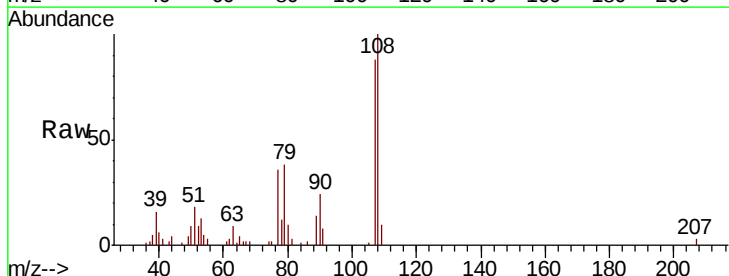


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

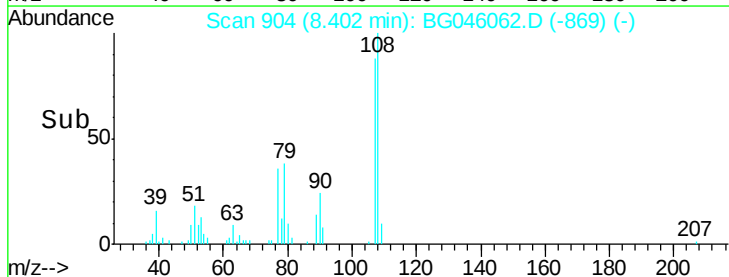
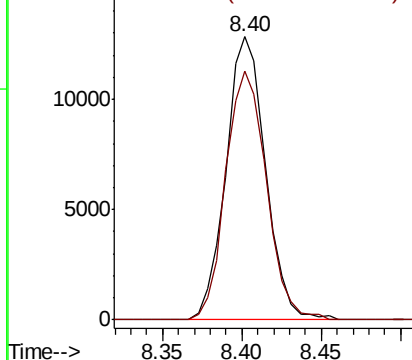


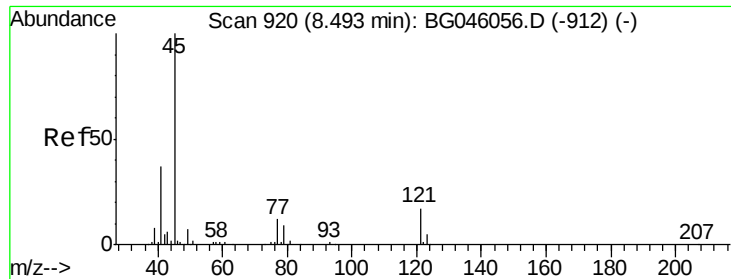
#11
2-Methylphenol
Concen: 3.505 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
108	100		
107	87.7	75.0	112.4



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





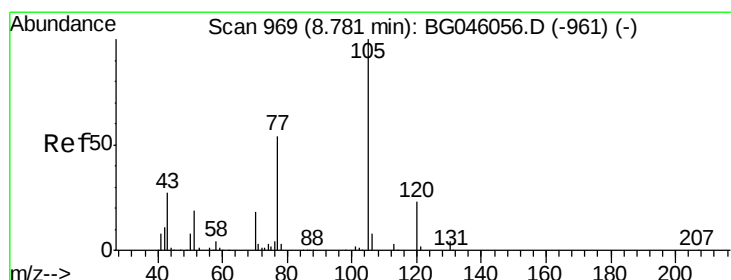
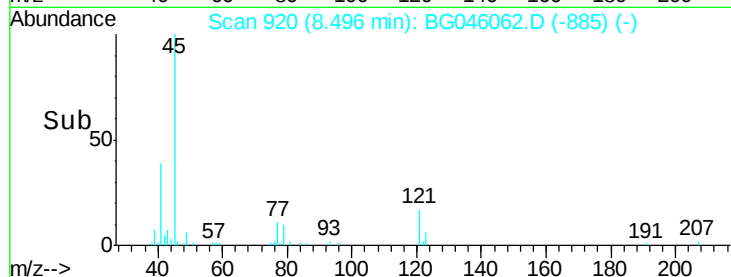
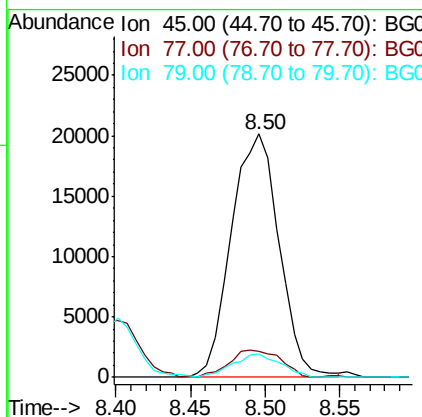
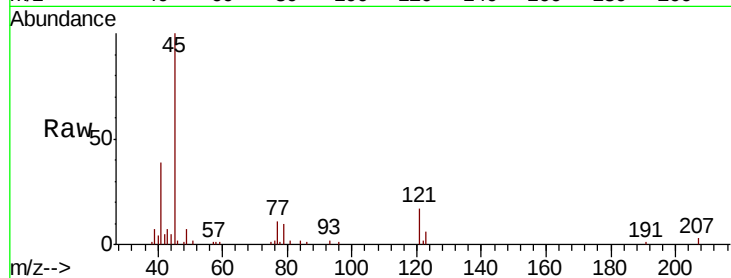
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.128 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampled :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
45	100		
77	10.8	9.2	13.8
79	9.6	7.0	10.6

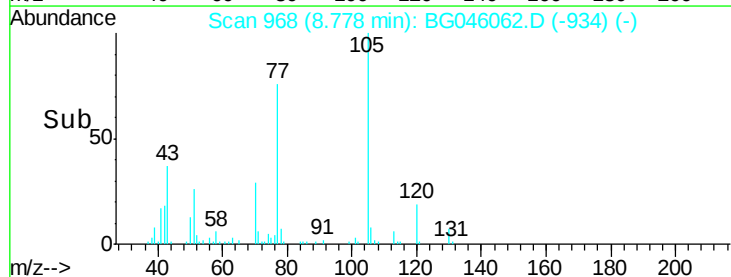
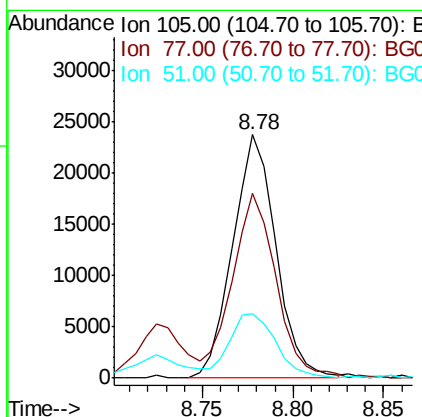
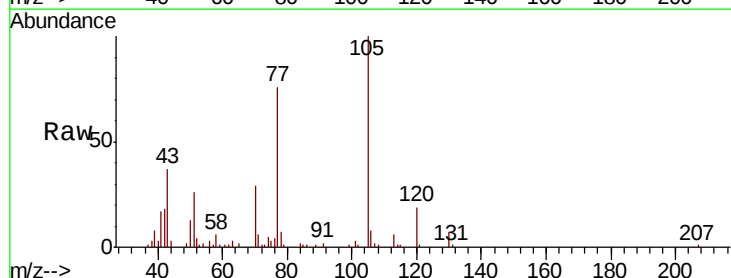
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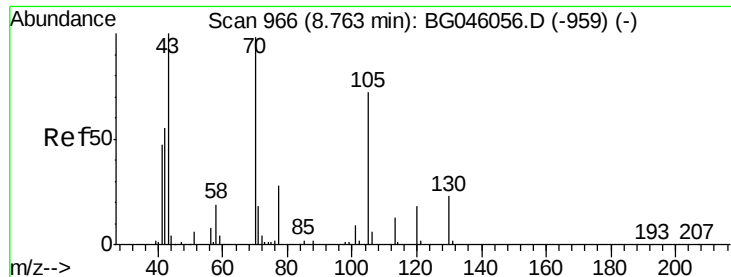
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#14
Acetophenone
Concen: 4.146 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.7	62.2	93.2
51	26.5	23.0	34.6





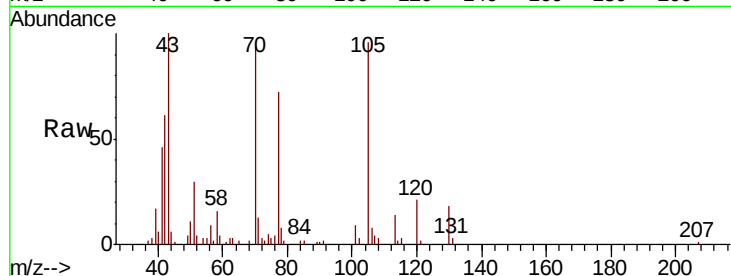
#15
N-Nitroso-di-n-propylamine
Concen: 3.922 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.3	50.0	75.0	
101	9.8	8.1	12.1	
130	18.7	18.0	27.0	

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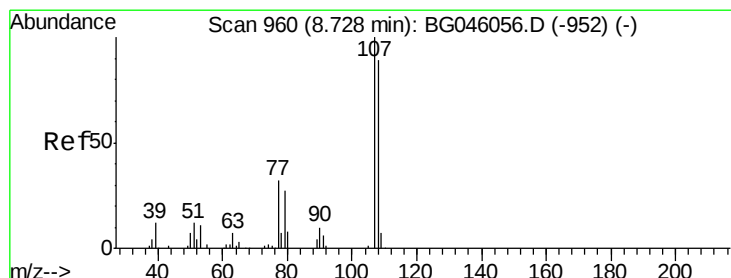
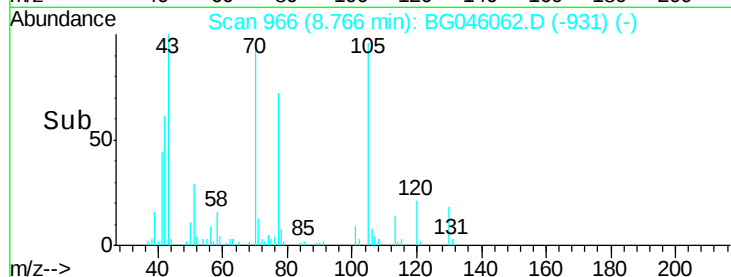
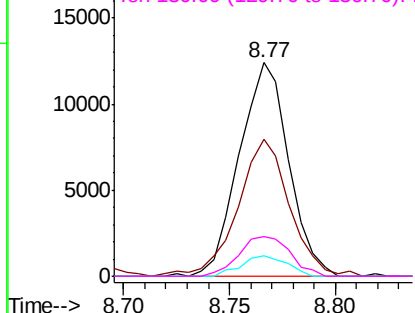


Abundance Ion 70.00 (69.70 to 70.70): BG046062.D (-931) (-)

Ion 42.00 (41.70 to 42.70): BG046062.D (-931) (-)

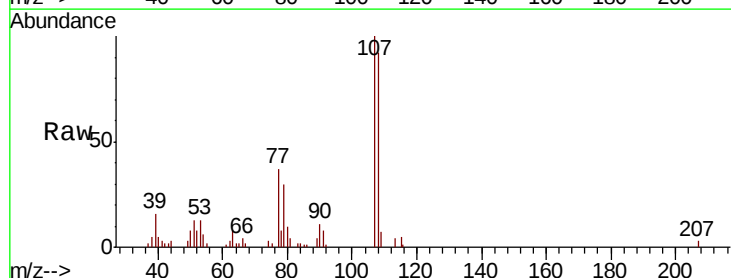
Ion 101.00 (100.70 to 101.70): BG046062.D (-931) (-)

Ion 130.00 (129.70 to 130.70): BG046062.D (-931) (-)



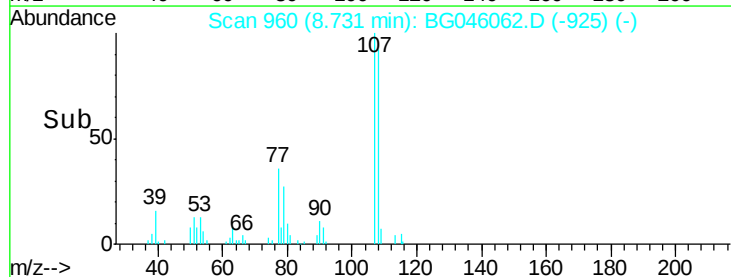
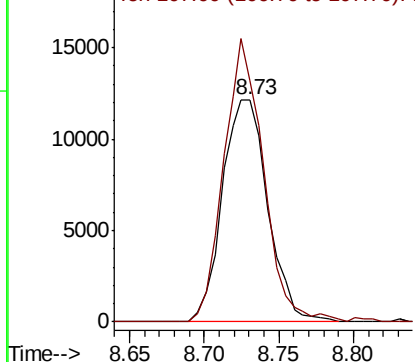
#16
4-Methylphenol
Concen: 3.813 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

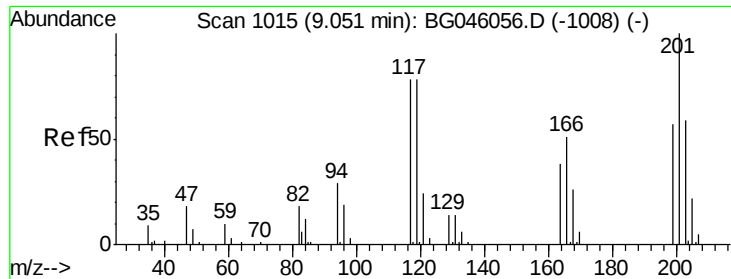
Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	108.5	94.6	141.8	



Abundance Ion 108.00 (107.70 to 108.70): BG046062.D (-925) (-)

Ion 107.00 (106.70 to 107.70): BG046062.D (-925) (-)





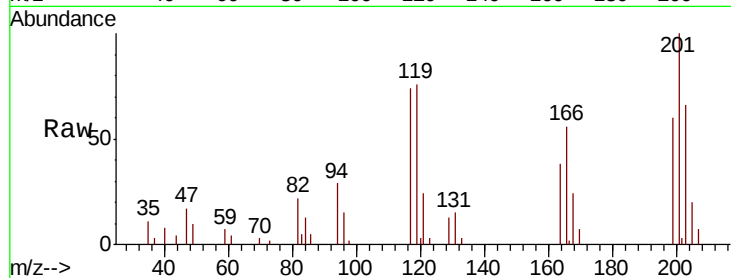
#17
Hexachloroethane
Concen: 3.942 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

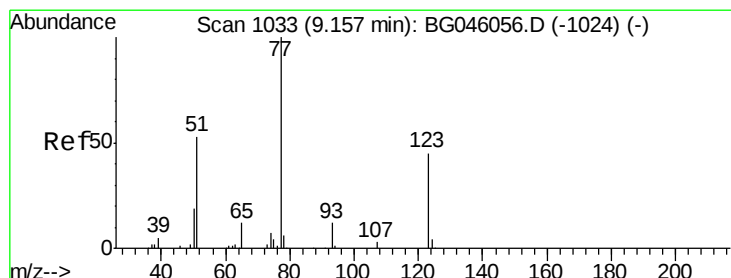
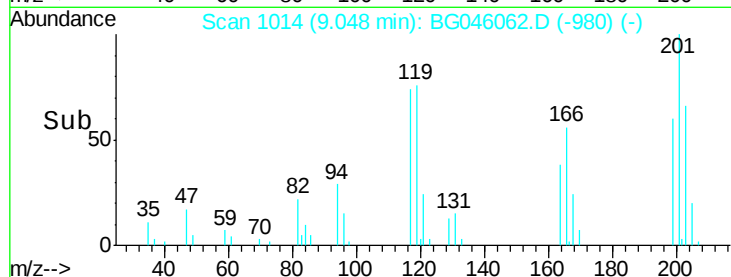
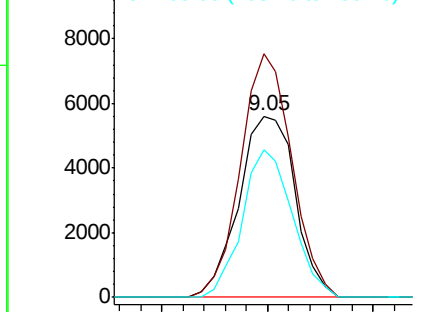
Tot Ion	Ratio	Lower	Upper
117	100		
201	134.4	98.2	147.4
199	81.2	61.4	92.2

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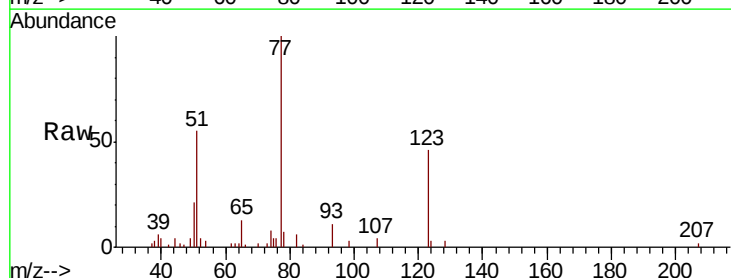


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

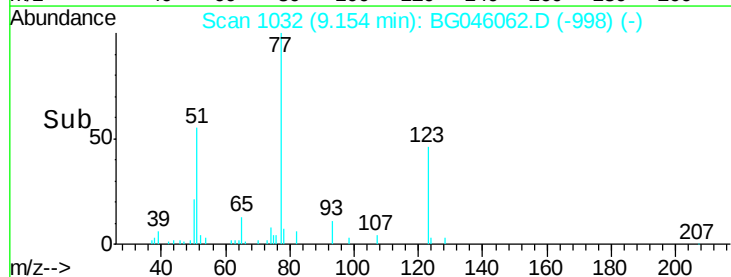
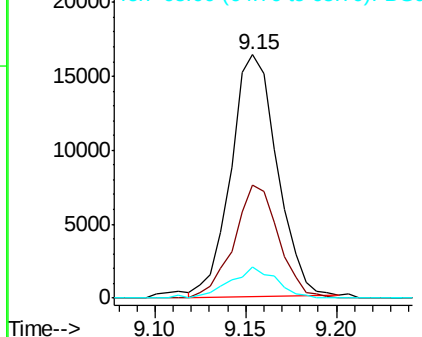


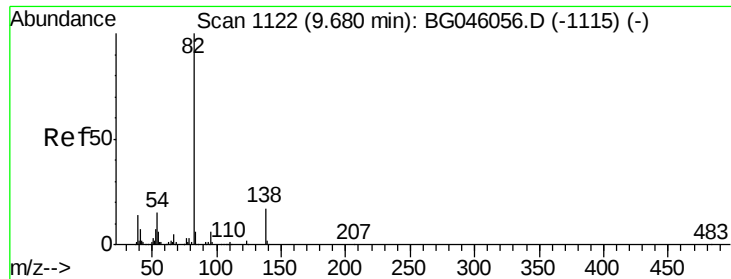
#20
Nitrobenzene
Concen: 3.917 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	36.1	54.1
65	12.6	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 3.785 ng/ul

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

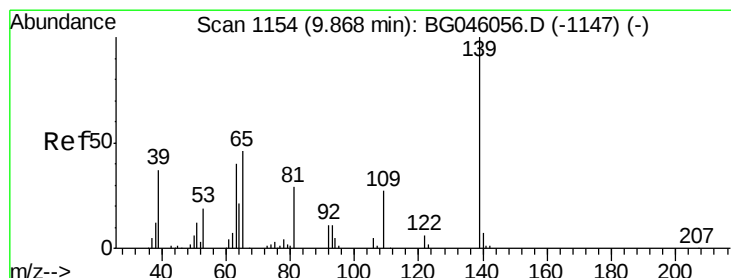
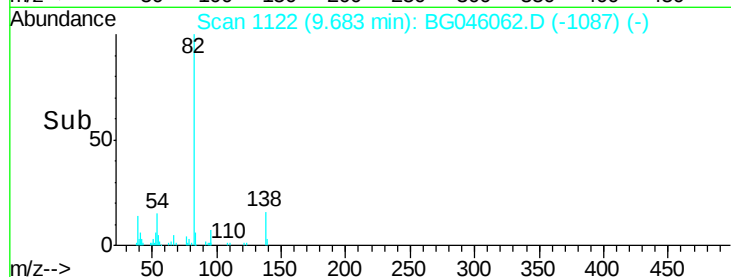
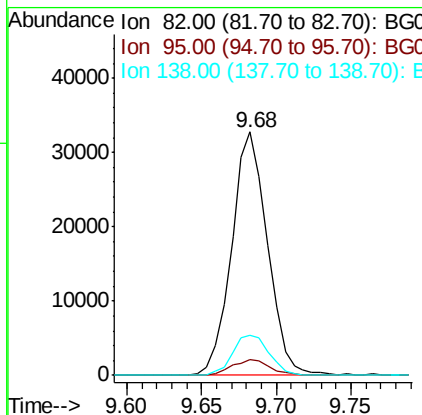
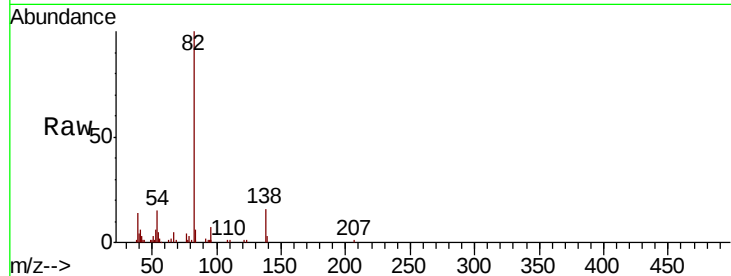
ClientSampleId :

MDL-SOIL-03

Tot Ion:	82	Resp:	54763
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.8
138	16.3	16.2	24.4

Manual Integrations
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#23

2-Nitrophenol

Concen: 4.273 ng/ul

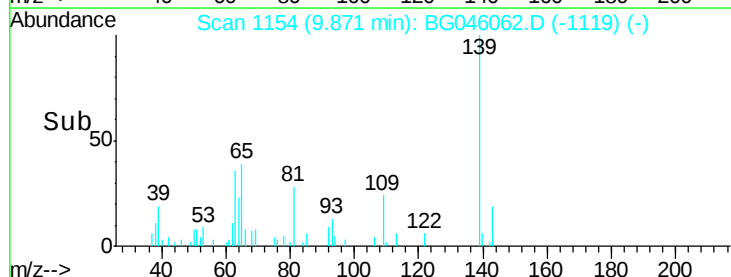
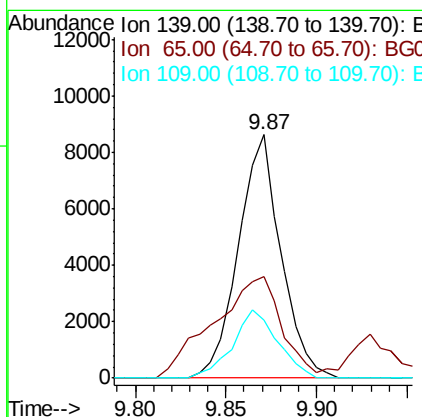
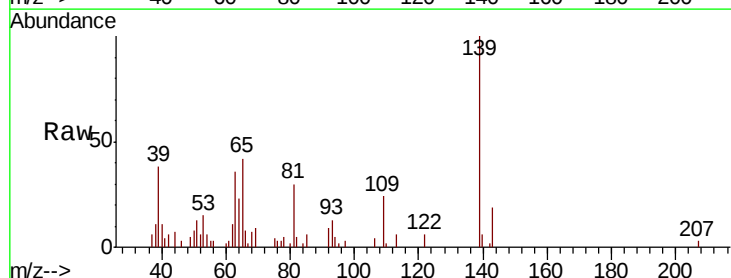
RT: 9.87 min Scan# 1154

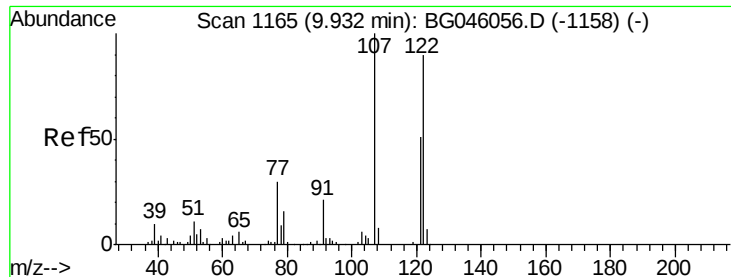
Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:	139	Resp:	14088
Ion Ratio	Lower	Upper	
139	100		
65	41.7	37.2	55.8
109	23.7	22.4	33.6





#24

2,4-Dimethylphenol

Concen: 3.598 ng/ul

RT: 9.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

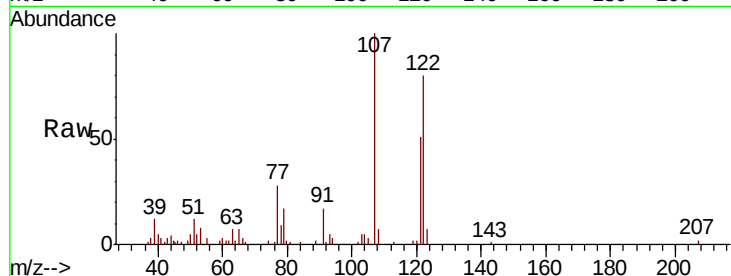
ClientSampleId :

MDL-SOIL-03

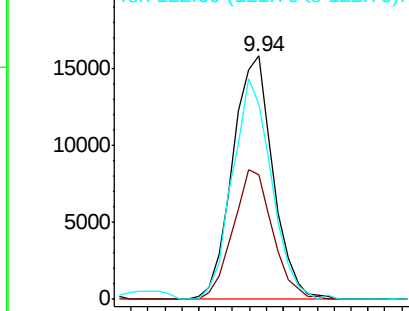
Tot Ion:	107	Resp:	26289
Ion	Ratio	Lower	Upper
107	100		
121	51.2	40.4	60.6
122	80.1	68.2	102.4

Manual Integrations
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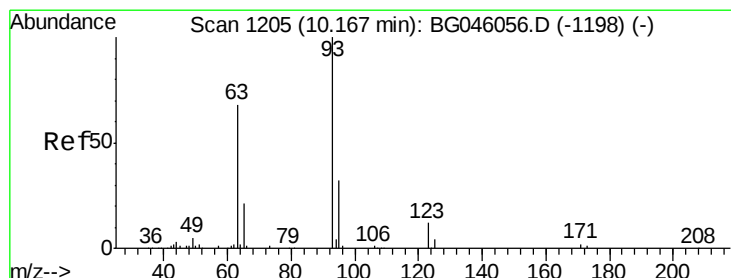
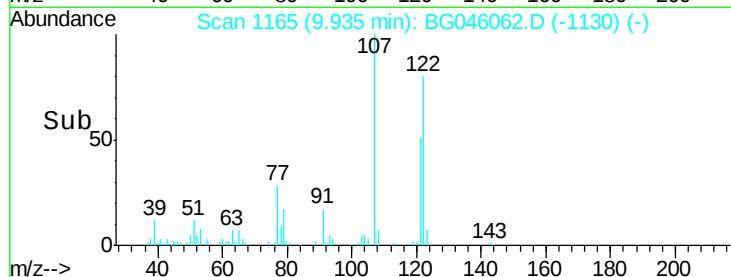
mohammad
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 3.872 ng/ul

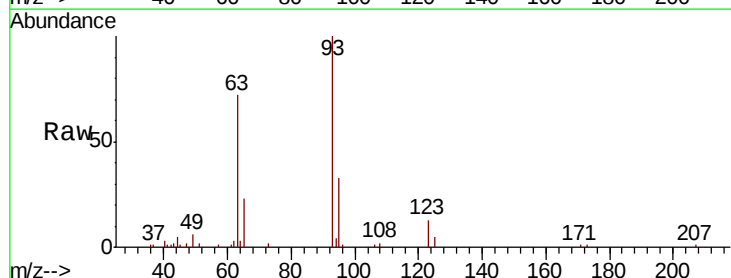
RT: 10.16 min Scan# 1204

Delta R.T. -0.00 min

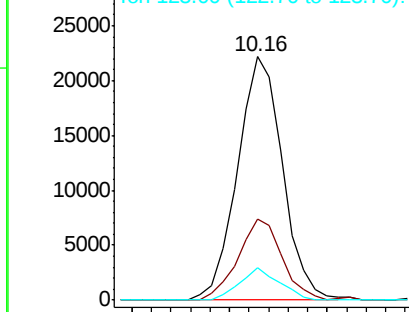
Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

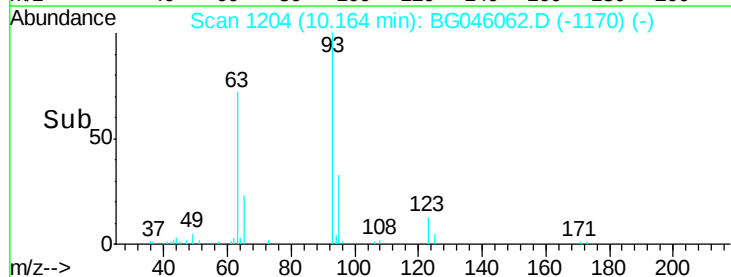
Tgt Ion:	93	Resp:	35434
Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	13.3	9.0	13.4

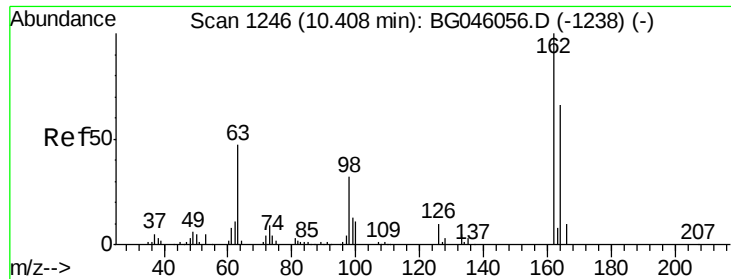


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E



Time-->





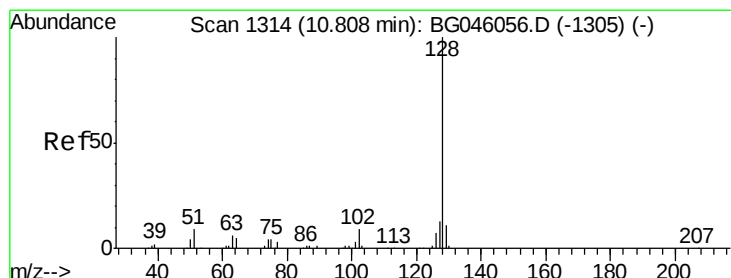
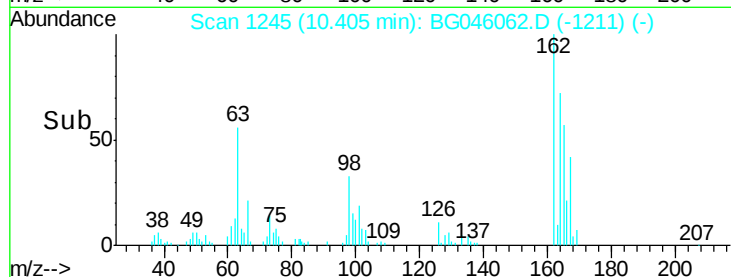
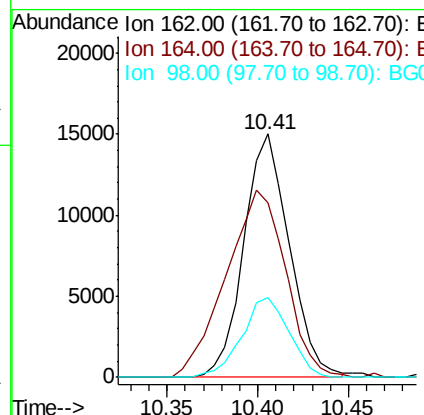
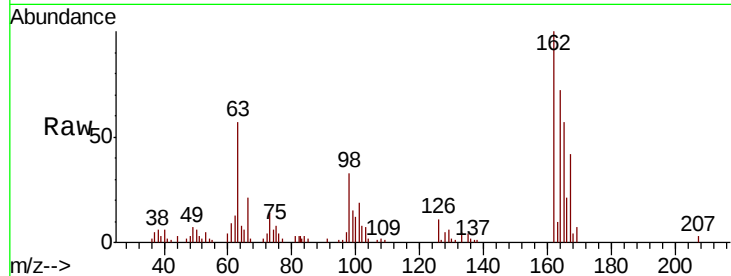
#27
2,4-Dichlorophenol
Concen: 3.987 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion:	162	Resp:	26194
Ion Ratio	Lower	Upper	
162	100		
164	71.7	51.0	76.4
98	32.8	23.8	35.6

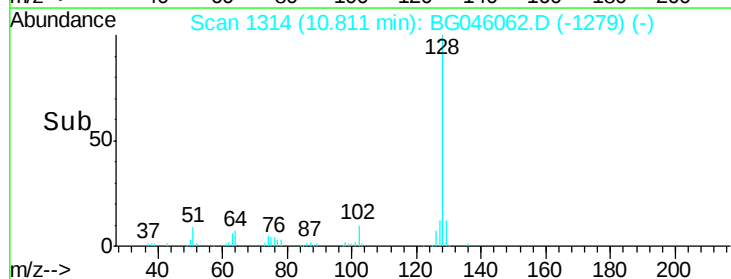
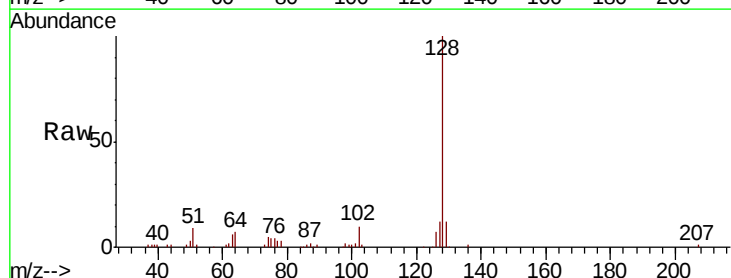
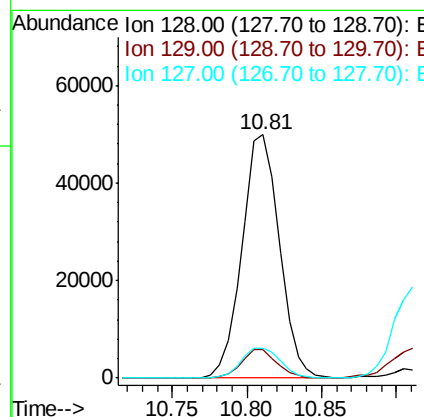
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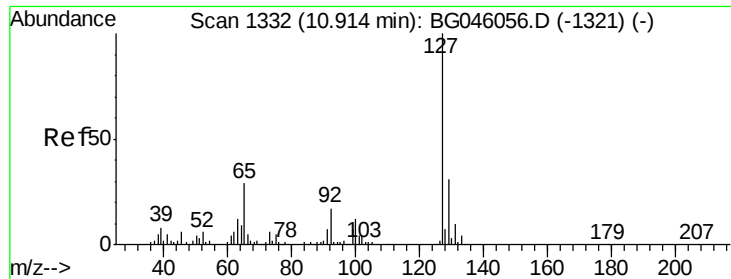
mohammad
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#28
Naphthalene
Concen: 3.967 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion:	128	Resp:	86647
Ion Ratio	Lower	Upper	
128	100		
129	12.0	8.6	13.0
127	12.1	11.2	16.8





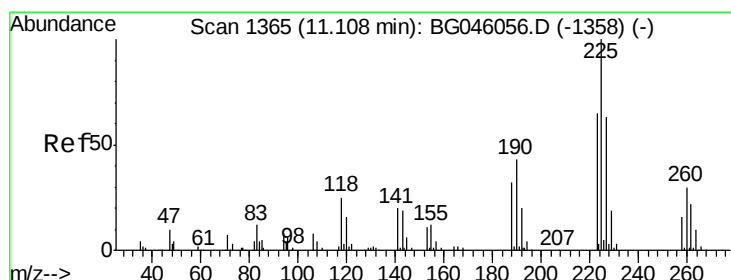
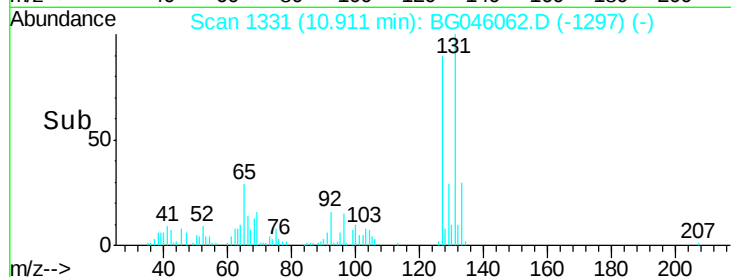
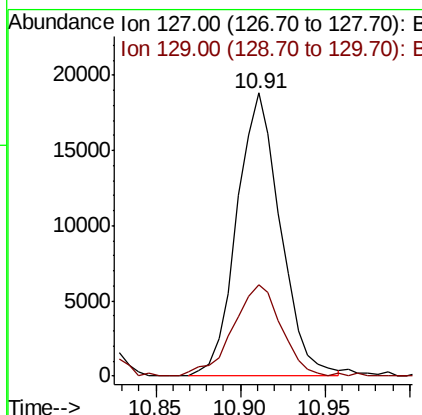
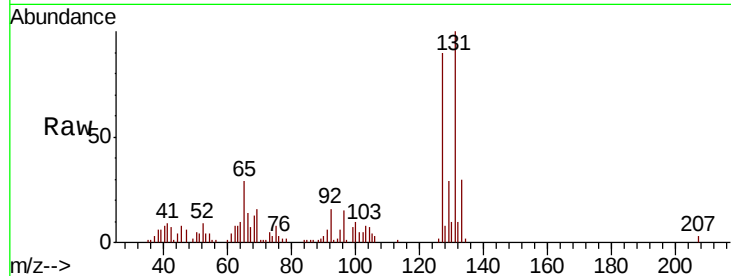
#30
4-Chloroaniline
Concen: 4.675 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion:127 Resp: 33758
Ion Ratio Lower Upper
127 100
129 32.2 28.2 42.4

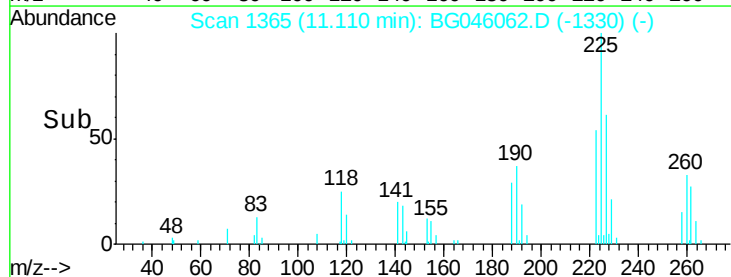
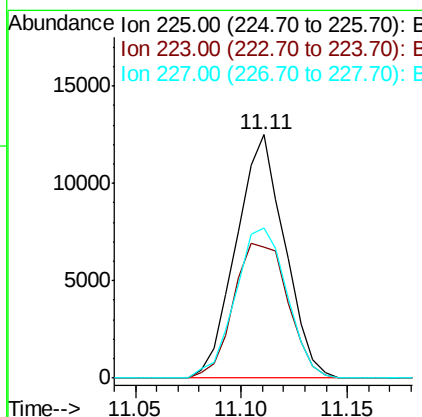
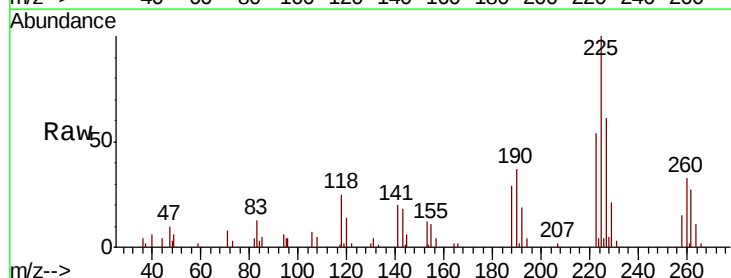
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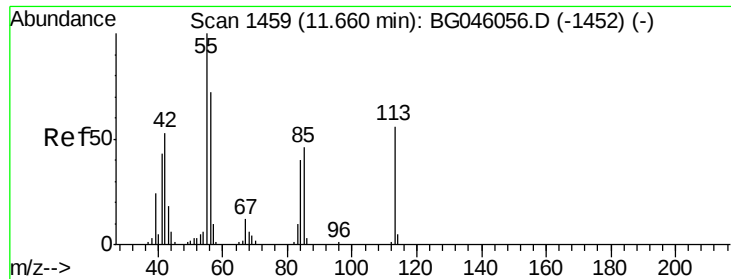
mohammad
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#31
Hexachlorobutadiene
Concen: 3.941 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion:225 Resp: 19928
Ion Ratio Lower Upper
225 100
223 51.9 47.7 71.5
227 59.1 50.7 76.1





#32

Caprolactam

Concen: 2.959 ng/ul m

RT: 11.69 min Scan# 1463

Delta R.T. 0.03 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

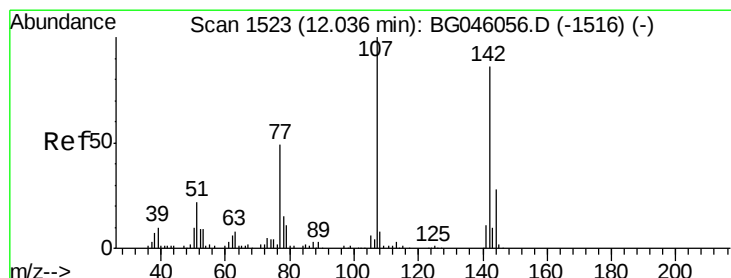
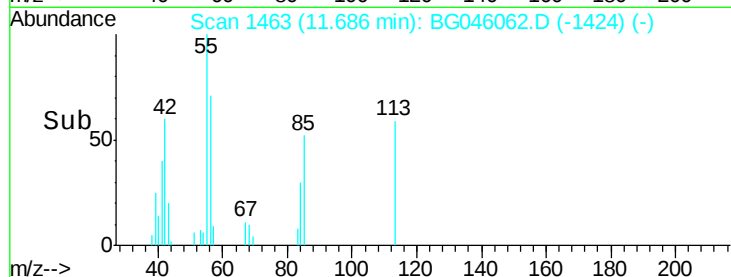
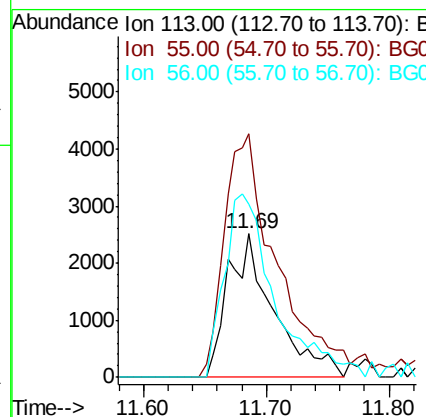
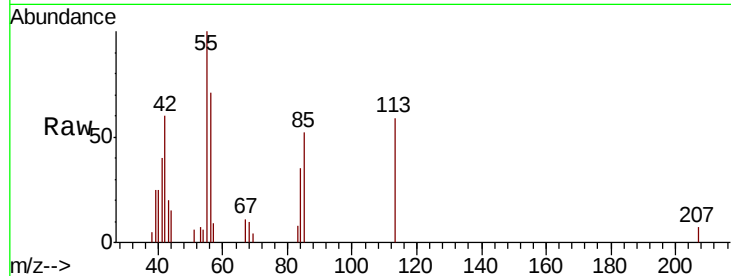
ClientSampled :

MDL-SOIL-03

Tot Ion:	113	Resp:	6554
Ion	Ratio	Lower	Upper
113	100		
55	169.8	143.8	215.6
56	121.0	99.0	148.4

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#33

4-Chloro-3-methylphenol

Concen: 3.643 ng/ul

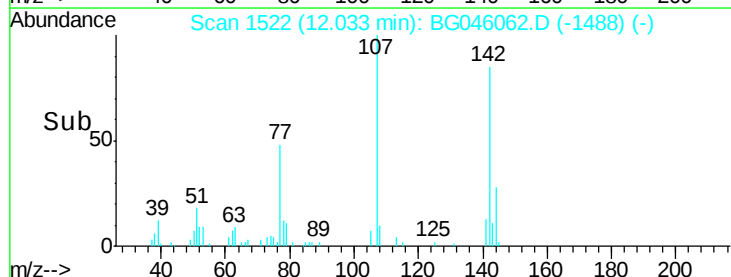
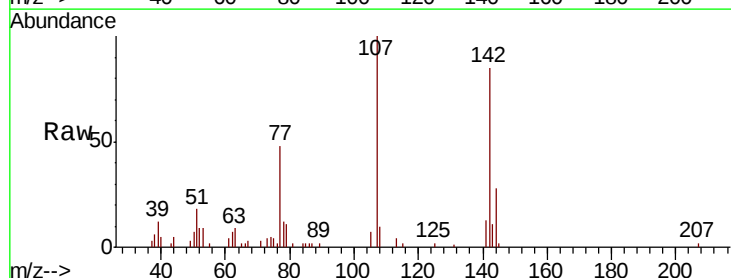
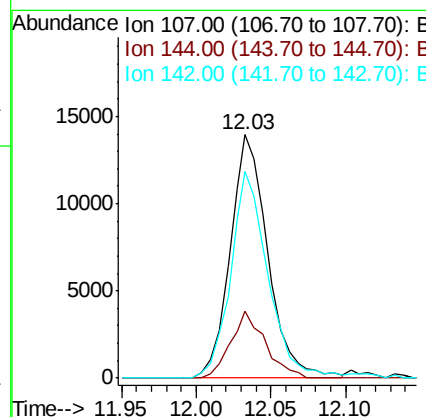
RT: 12.03 min Scan# 1522

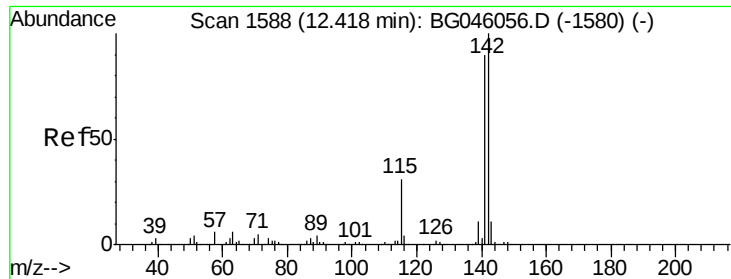
Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:	107	Resp:	24544
Ion	Ratio	Lower	Upper
107	100		
144	27.6	23.0	34.6
142	84.8	69.6	104.4





#34

2-Methylnaphthalene

Concen: 4.137 ng/ul

RT: 12.41 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

Tot Ion:142 Resp: 67944

Ion Ratio Lower Upper

142 100

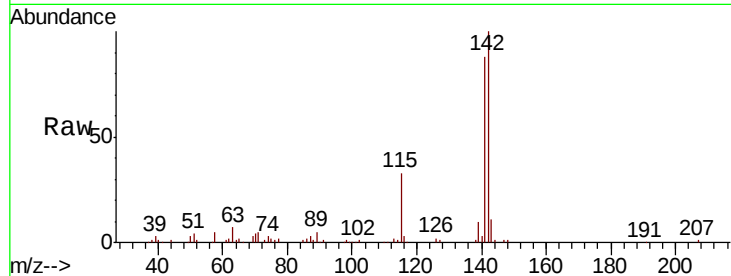
141 88.3 70.2 105.4

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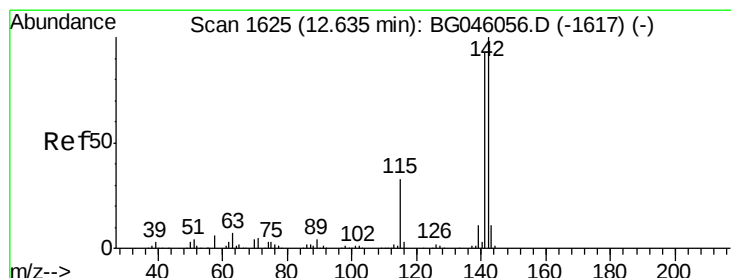
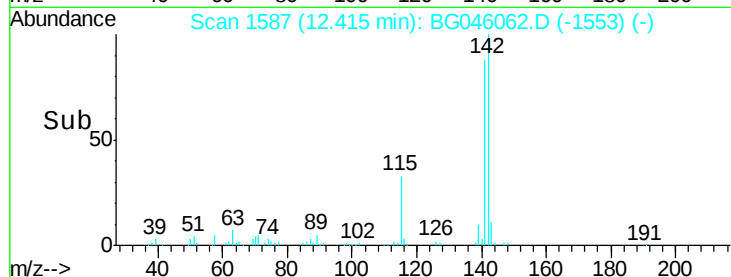
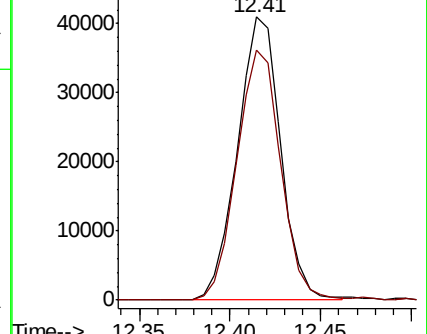
mohammad

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 4.132 ng/uL

RT: 12.63 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

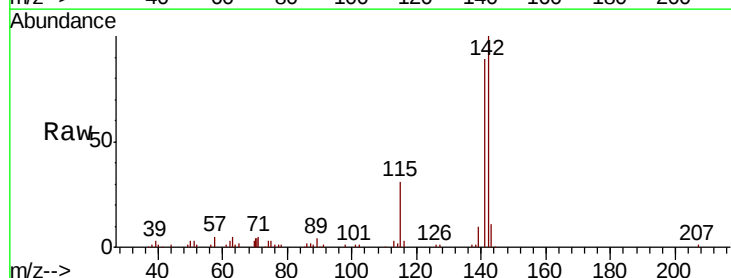
Tgt Ion:142 Resp: 67021

Ion Ratio Lower Upper

142 100

141 92.3 75.2 112.8

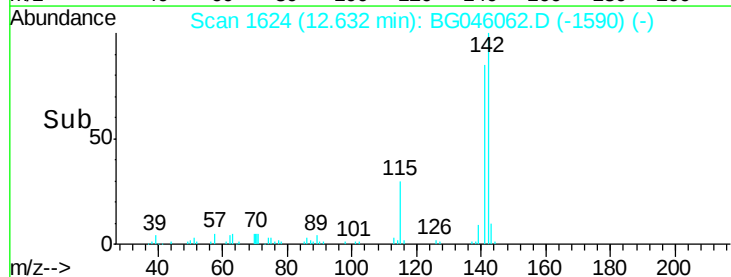
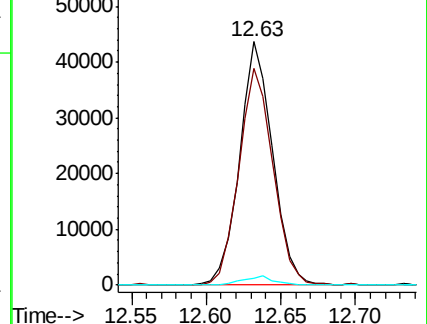
116 3.3 2.7 4.1

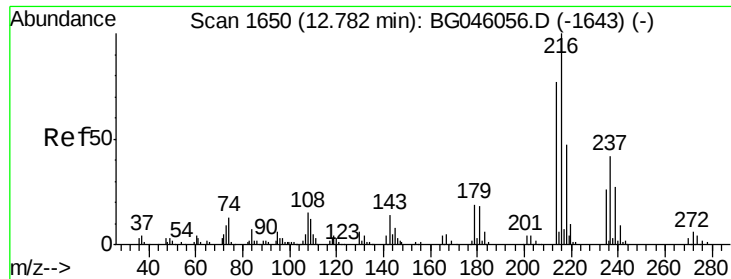


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.224 ng/ul

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

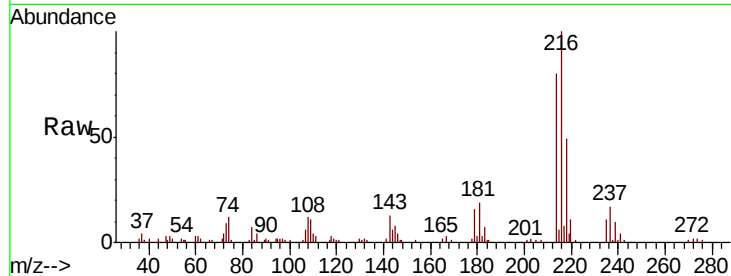
ClientSampleId :

MDL-SOIL-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		40458		
214	80.1		63.4	95.2	
179	16.2		15.4	23.2	
108	11.8		11.6	17.4	

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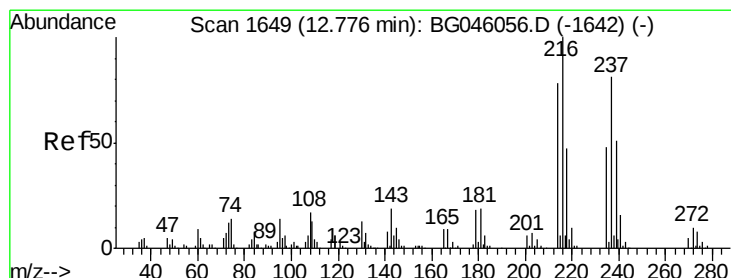
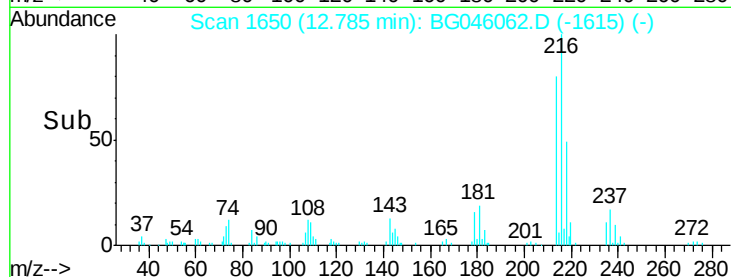
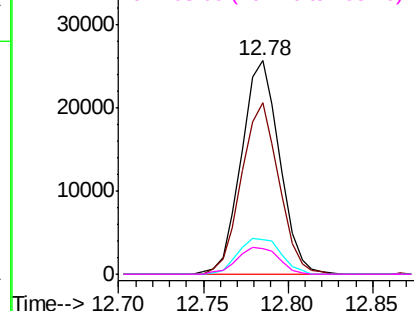


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

Hexachlorocyclopentadiene

Concen: 2.532 ng/ul

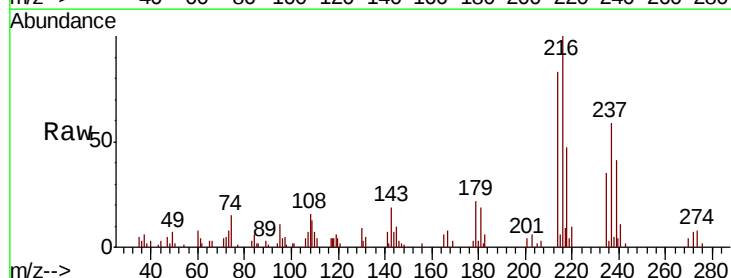
RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

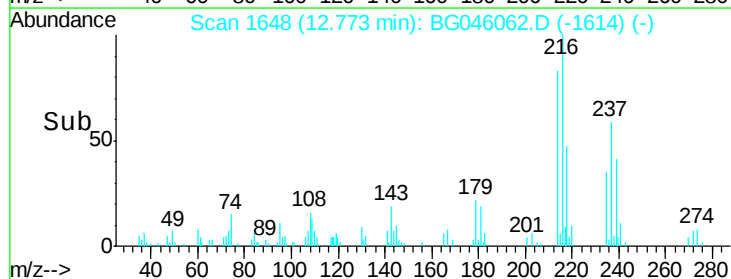
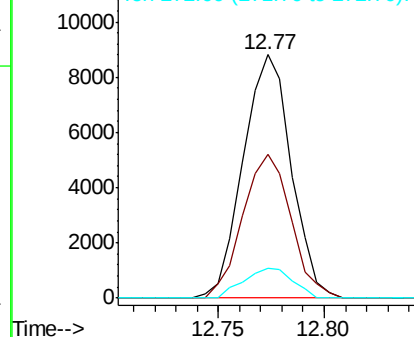
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		13887		
235	59.0		52.0	78.0	
272	12.4		10.0	15.0	

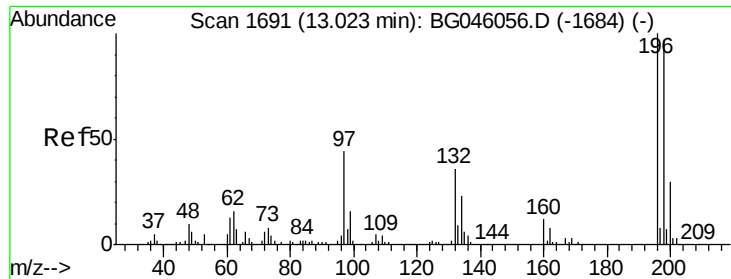


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





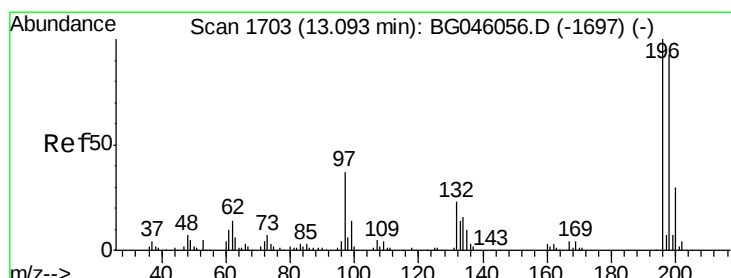
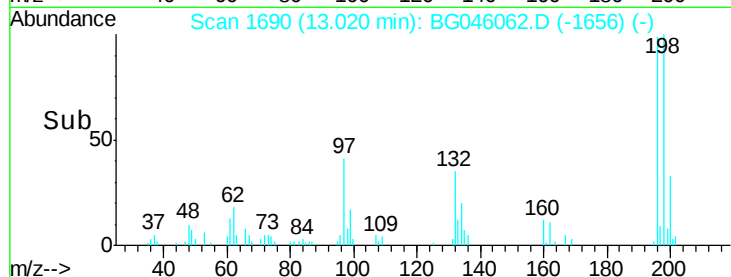
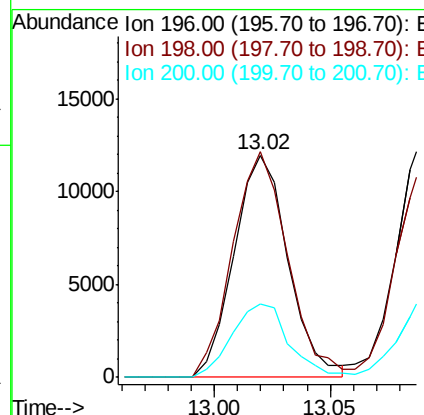
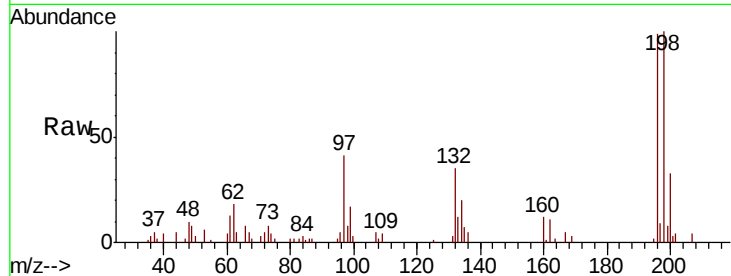
#39
 2,4,6-Trichlorophenol
 Concen: 3.484 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Resp	Lower	Upper
196	100	19506		
198	101.3	75.8	113.6	
200	33.2	25.4	38.0	

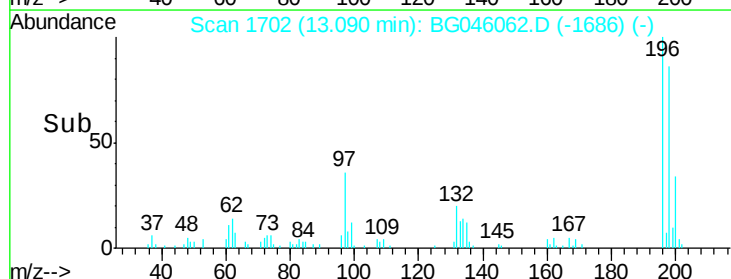
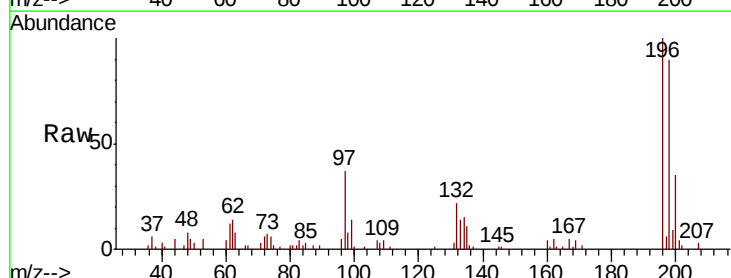
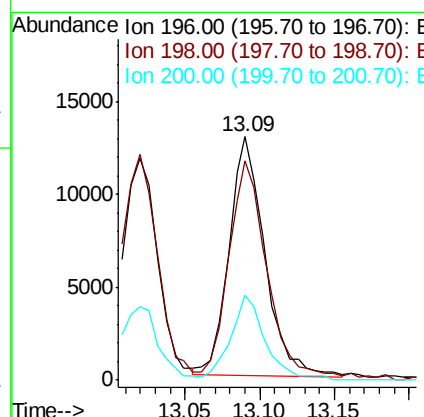
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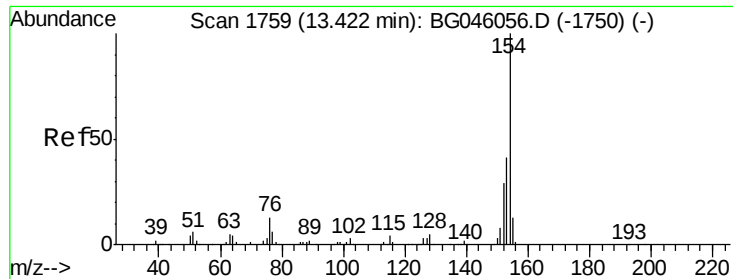
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 3.554 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	21628		
198	90.2	75.2	112.8	
200	34.7	25.8	38.6	





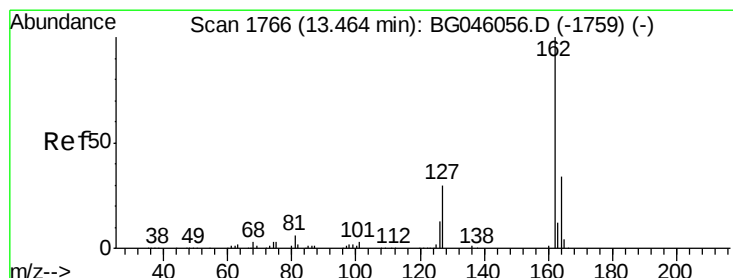
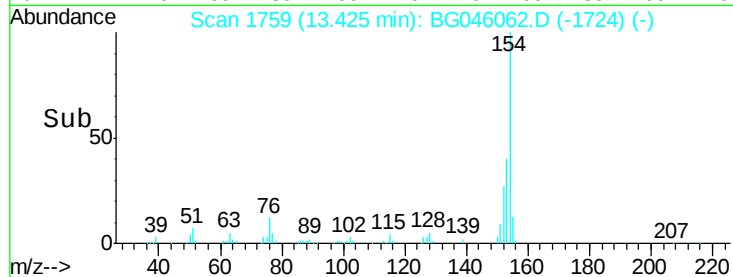
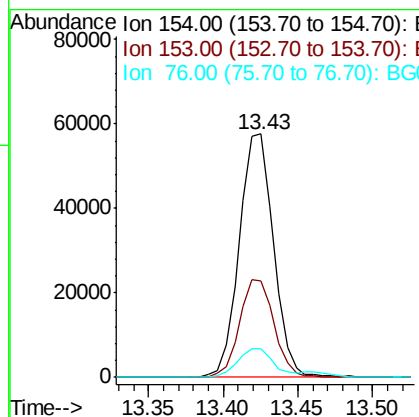
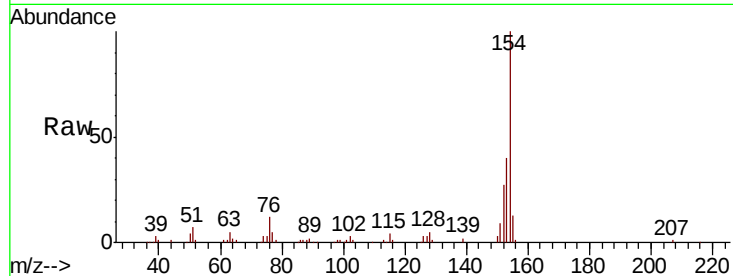
#41
 1,1'-Biphenyl
 Concen: 4.278 ng/ul
 RT: 13.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:	154	Resp:	91691
Ion Ratio	Lower	Upper	
154	100		
153	39.7	31.9	47.9
76	11.6	9.3	13.9

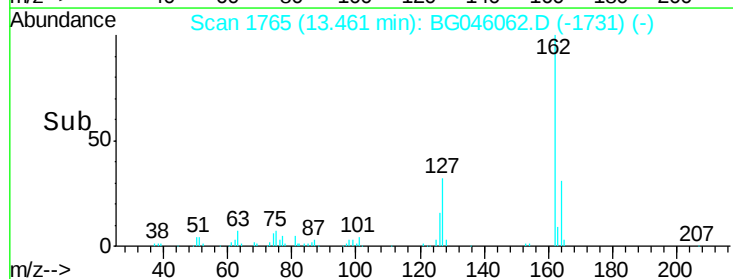
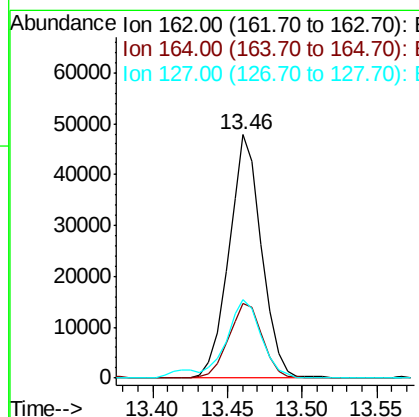
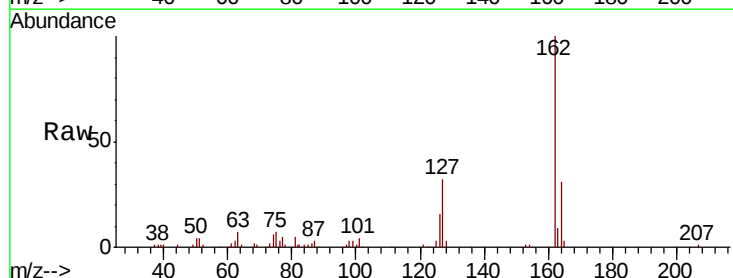
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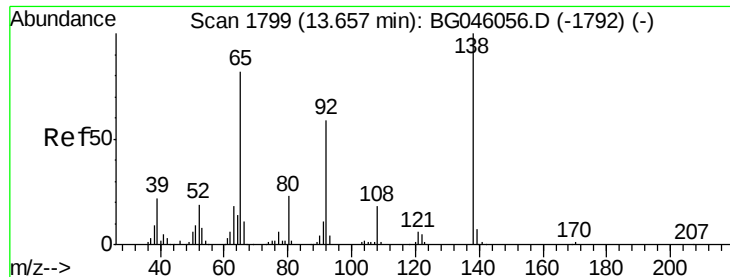
mohammad
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#42
 2-Chloronaphthalene
 Concen: 4.247 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion:	162	Resp:	72640
Ion Ratio	Lower	Upper	
162	100		
164	30.8	26.2	39.2
127	32.3	27.3	40.9





#43

2-Nitroaniline

Concen: 3.430 ng/ul

RT: 13.65 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

Tot Ion: 65 Resp: 13828

Ion Ratio Lower Upper

65 100

92 73.1 58.0 87.0

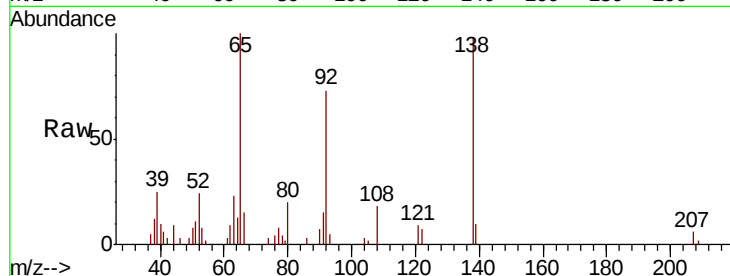
138 98.3 92.9 139.3

Manual Integrations

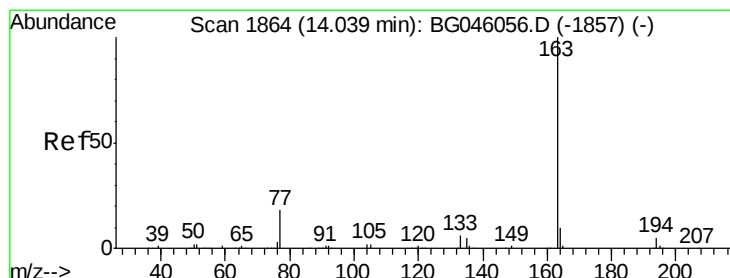
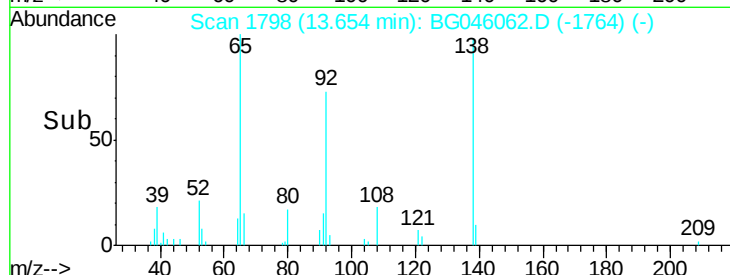
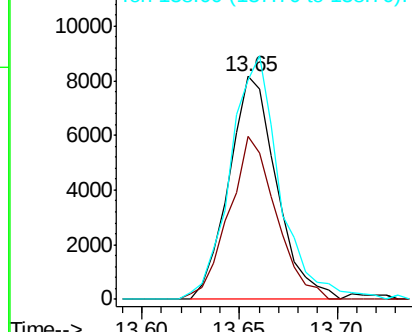
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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#45

Dimethylphthalate

Concen: 4.095 ng/ul

RT: 14.04 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

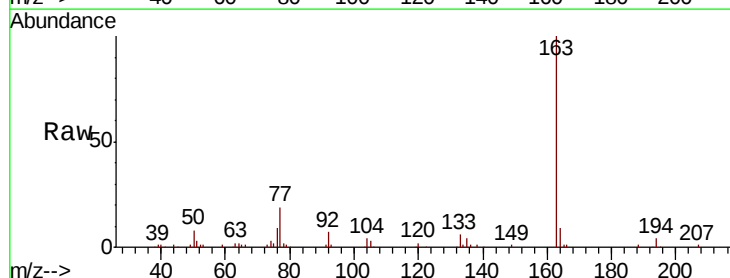
Tgt Ion:163 Resp: 88737

Ion Ratio Lower Upper

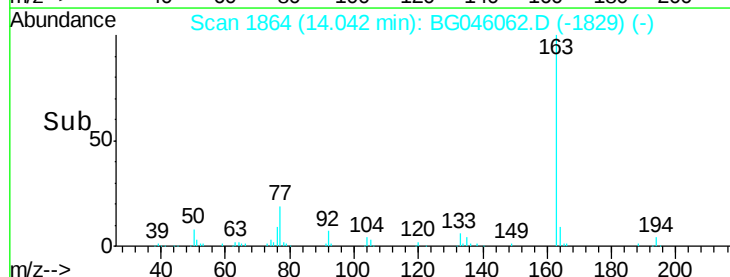
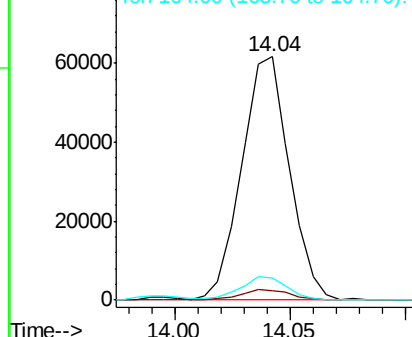
163 100

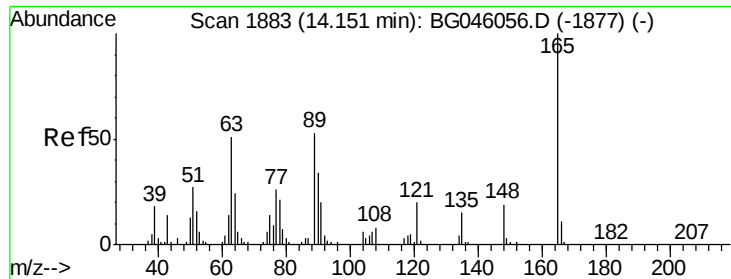
194 3.6 3.4 5.0

164 9.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC





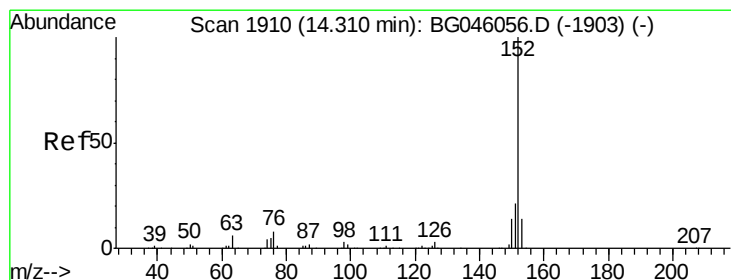
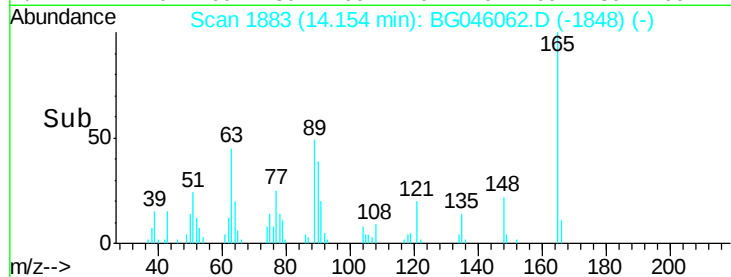
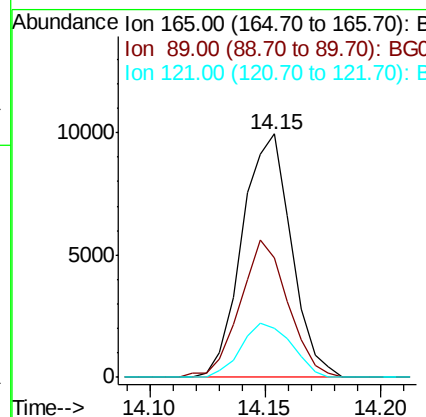
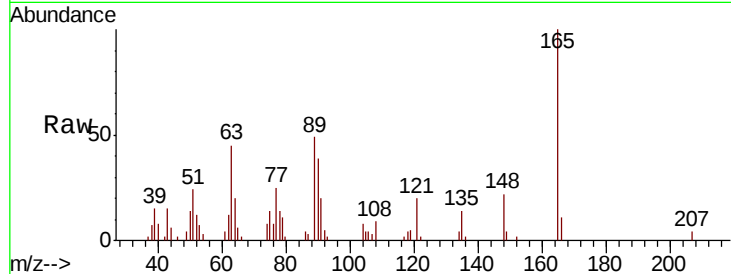
#46
 2,6-Dinitrotoluene
 Concen: 3.571 ng/ul
 RT: 14.15 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
165	100		
89	49.2	42.2	63.4
121	20.4	16.0	24.0

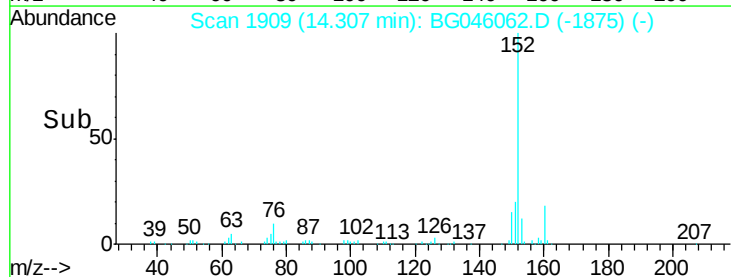
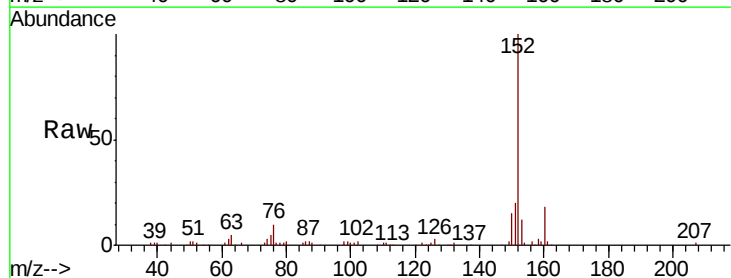
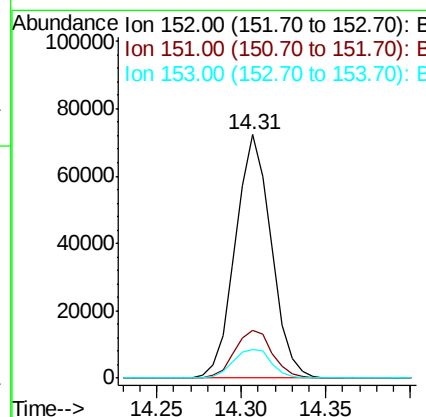
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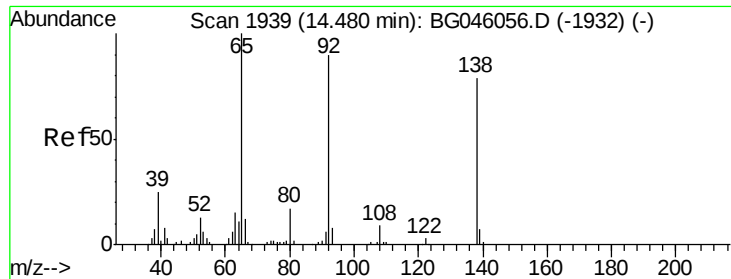
mohammad
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#48
 Acenaphthylene
 Concen: 4.075 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7
153	12.0	11.0	16.6





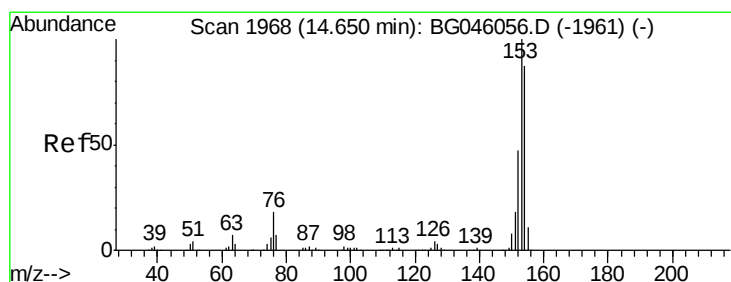
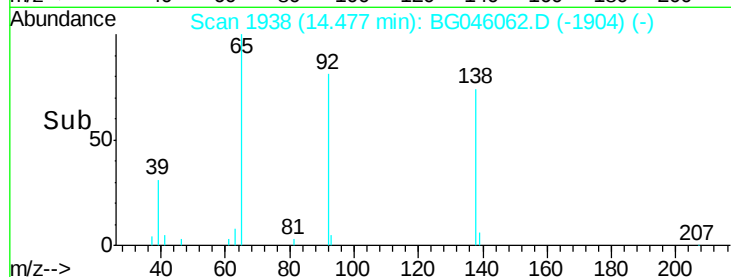
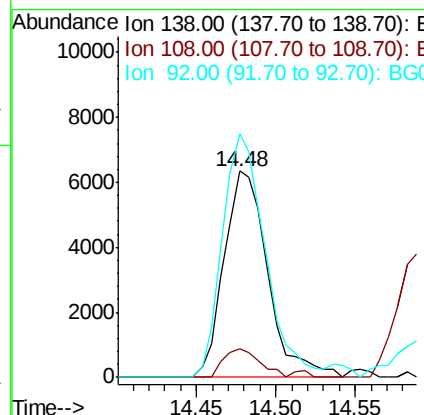
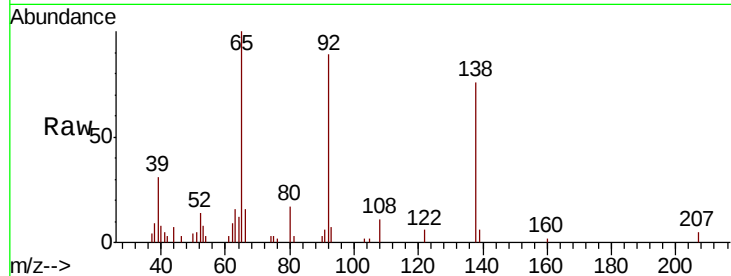
#49
3-Nitroaniline
Concen: 3.107 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.1	7.9	11.9#
92	118.0	89.9	134.9

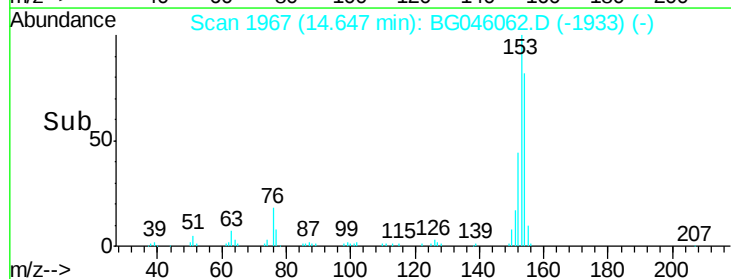
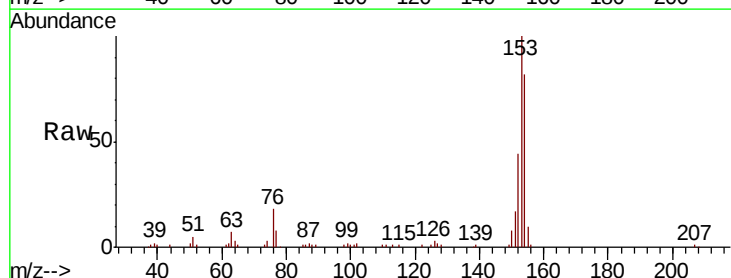
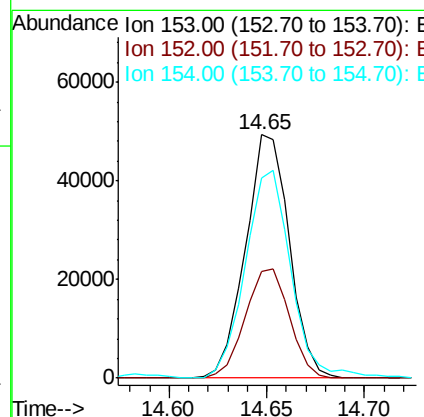
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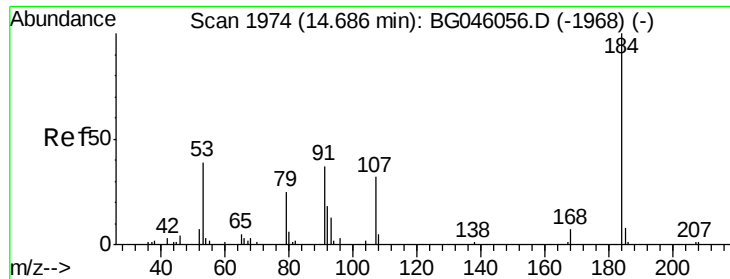
mohammad
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#50
Acenaphthene
Concen: 4.073 ng/ul
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.0	39.0	58.4
154	82.2	70.7	106.1





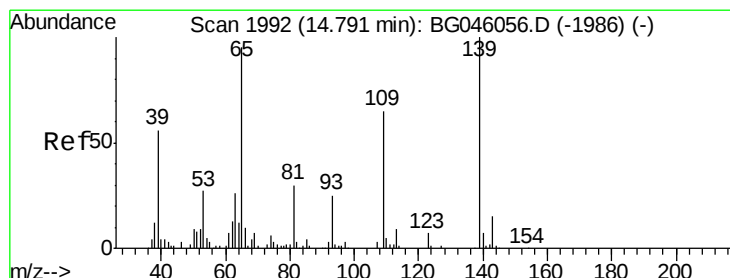
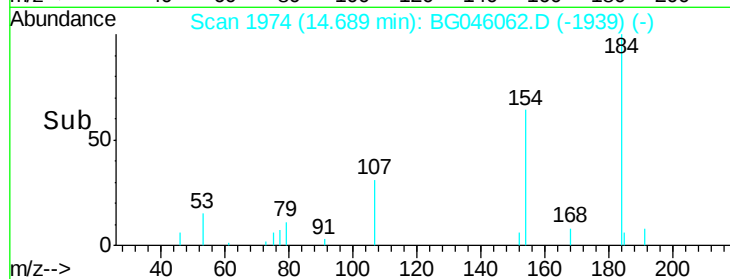
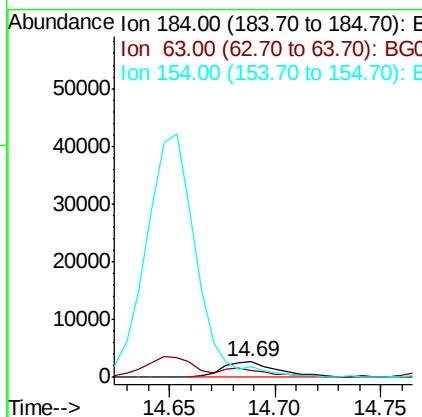
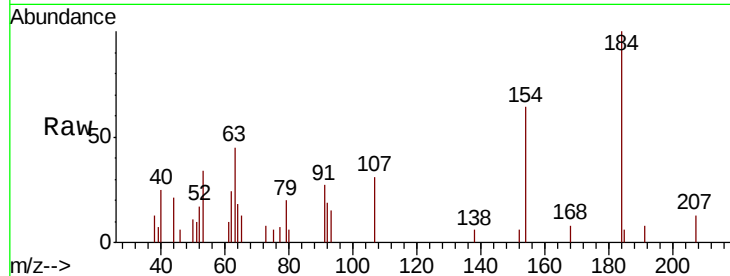
#51
 2,4-Dinitrophenol
 Concen: 2.670 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleID :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.6	35.7	53.5
154	64.2	47.5	71.3

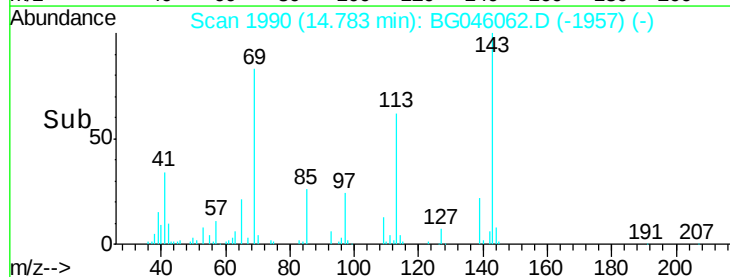
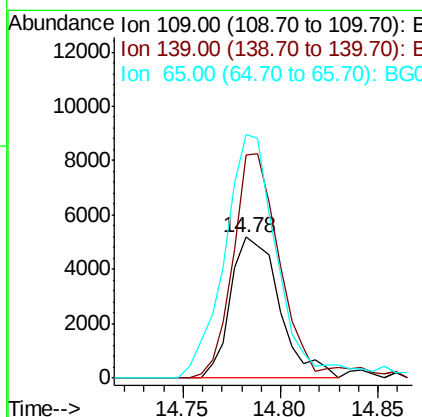
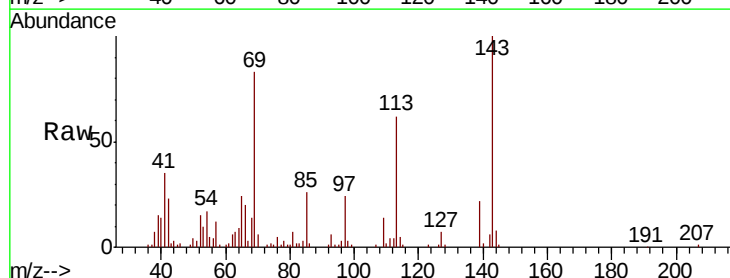
Manual Integrations
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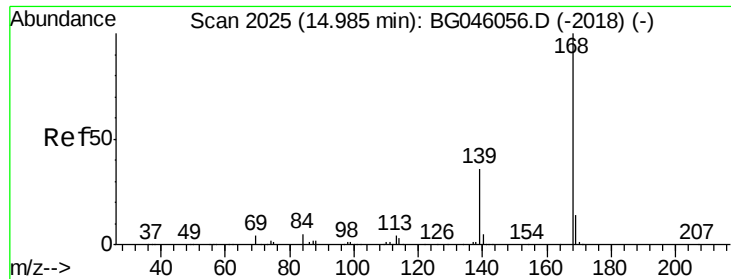
mohammad
 7/27/2020 12:20:28 PM



#53
 4-Nitrophenol
 Concen: 3.560 ng/ul m
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
109	100		
139	158.6	120.2	180.2
65	172.9	99.6	149.4#





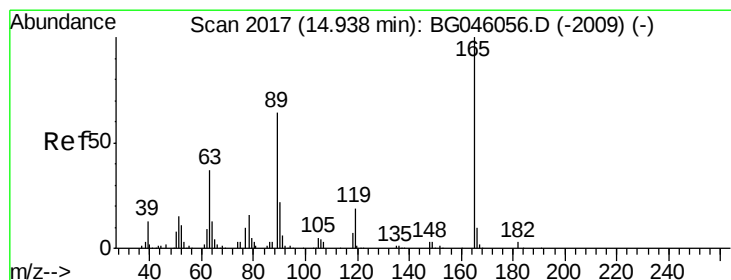
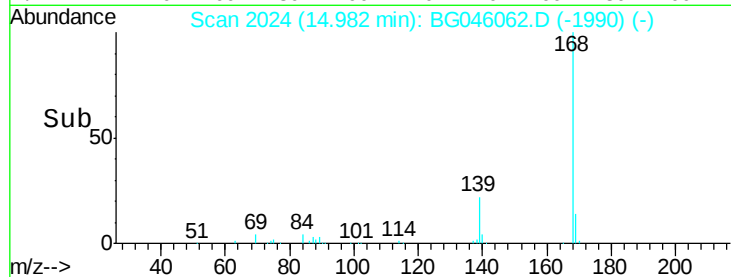
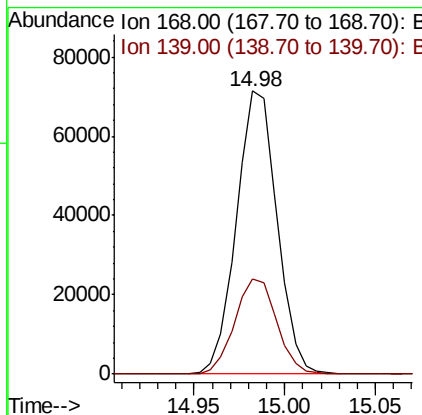
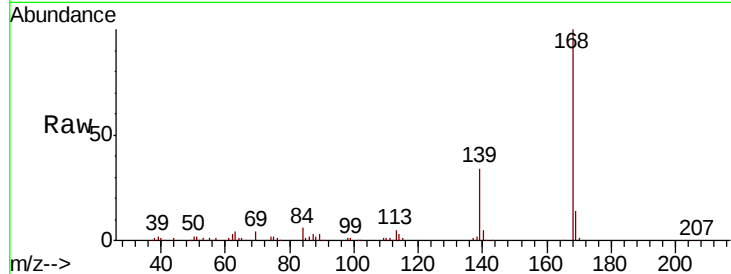
#54
Dibenzo(f,h)quinoxaline
Concen: 4.323 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion:168 Resp: 111370
Ion Ratio Lower Upper
168 100
139 33.8 27.7 41.5

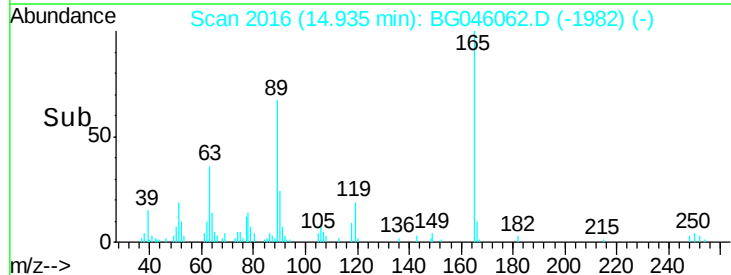
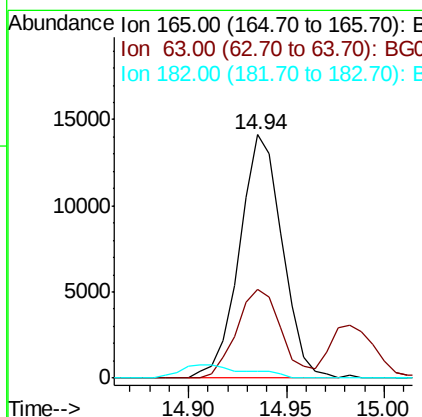
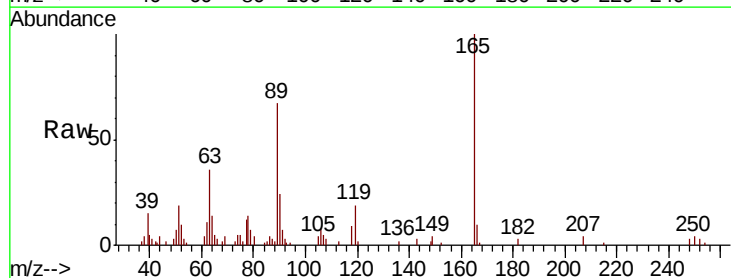
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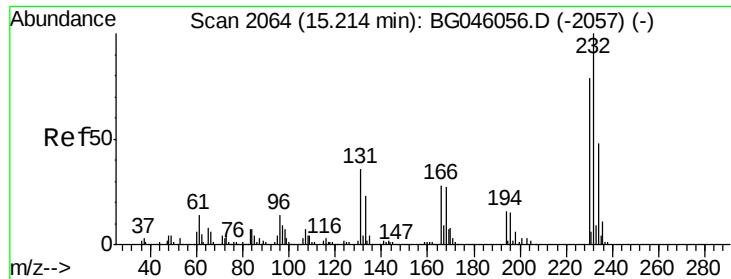
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#55
2,4-Dinitrotoluene
Concen: 3.633 ng/ul
RT: 14.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion:165 Resp: 21378
Ion Ratio Lower Upper
165 100
63 36.5 29.4 44.0
182 2.5 2.4 3.6





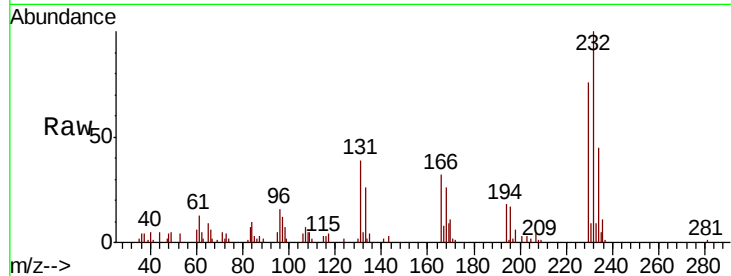
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.820 ng/ul
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

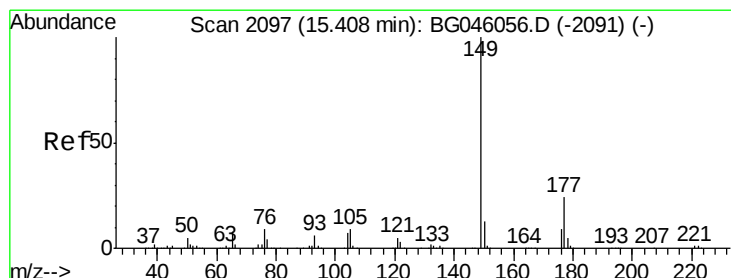
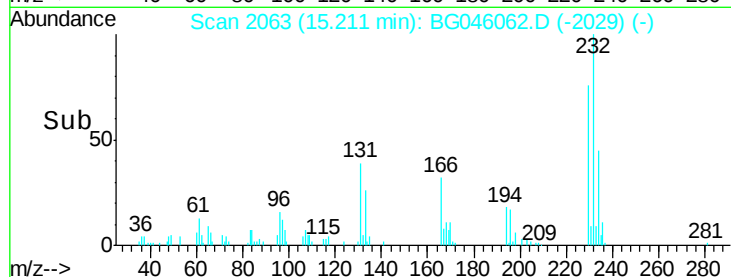
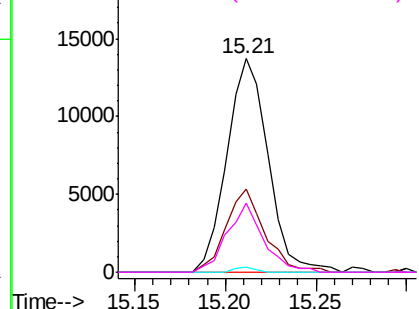
Tot Ion:	232	Resp:	21677
Ion Ratio	Lower	Upper	
232	100		
131	38.8	30.6	46.0
130	2.5	1.8	2.6
166	32.2	23.4	35.2

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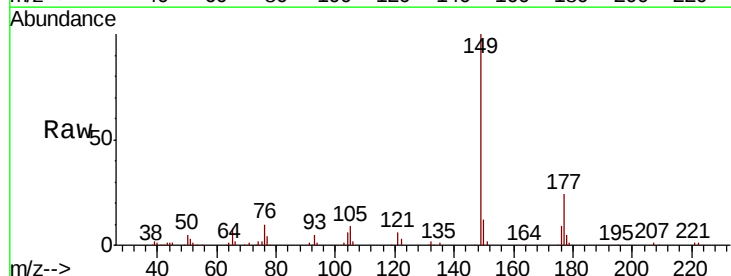


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

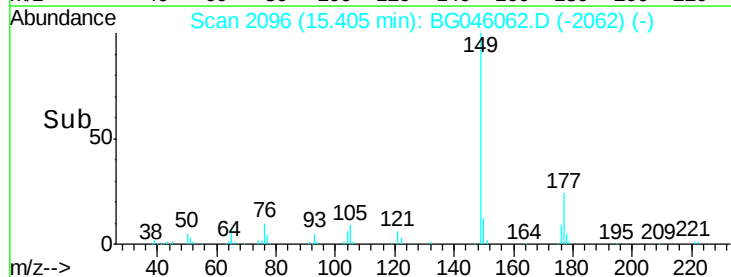
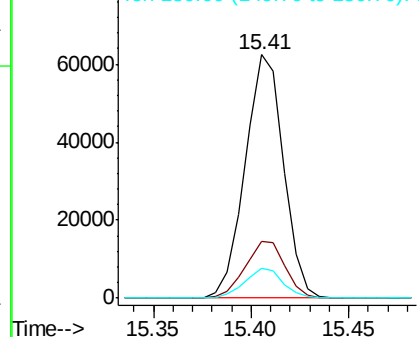


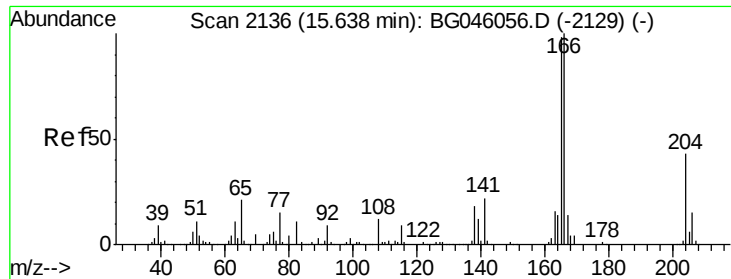
#57
Diethylphthalate
Concen: 3.971 ng/ul
RT: 15.41 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion:	149	Resp:	85007
Ion Ratio	Lower	Upper	
149	100		
177	23.5	19.0	28.6
150	12.2	9.6	14.4



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





#59

Fluorene

Concen: 4.095 ng/ul

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

Tot Ion:166 Resp: 89452

Ion Ratio Lower Upper

166 100

165 97.4 75.3 112.9

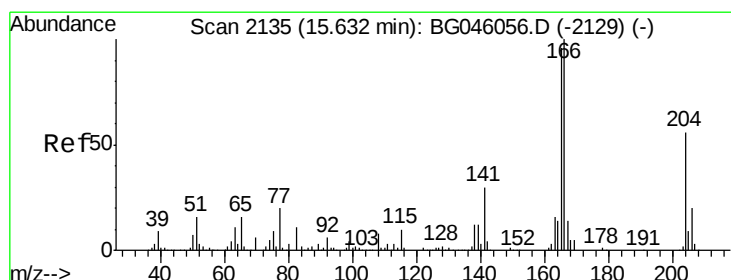
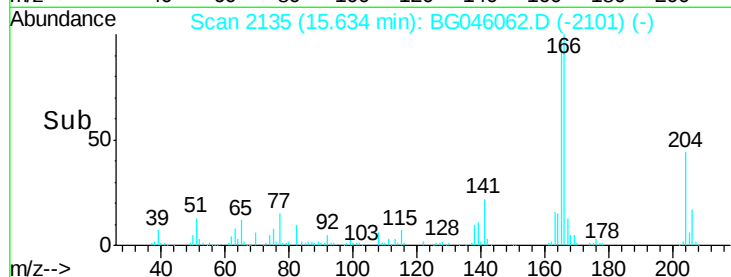
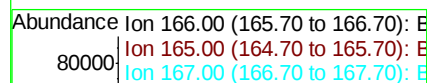
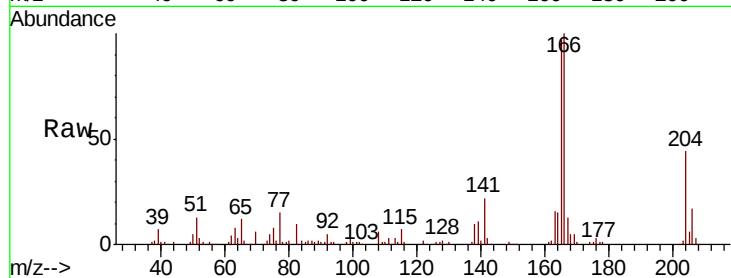
167 12.7 11.0 16.4

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#60

4-Chlorophenyl-phenylether

Concen: 4.026 ng/ul

RT: 15.63 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

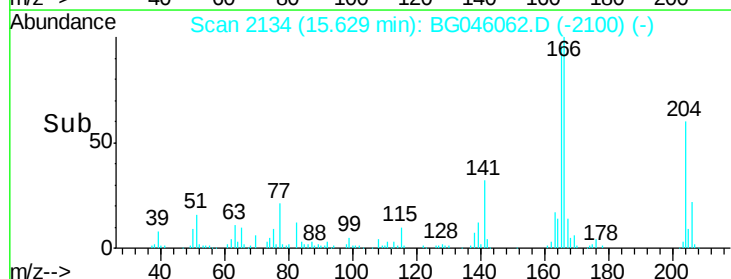
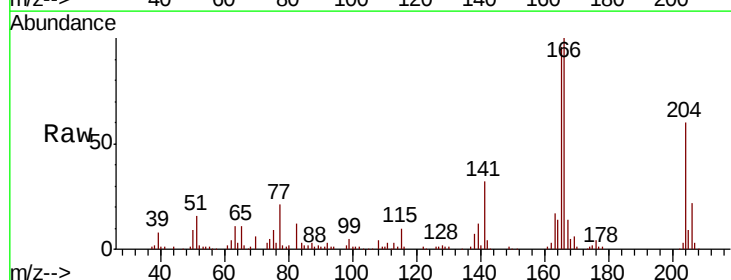
Tgt Ion:204 Resp: 46207

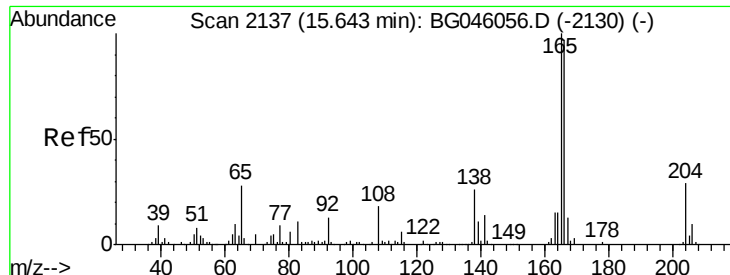
Ion Ratio Lower Upper

204 100

206 37.1 28.2 42.2

141 53.4 44.6 66.8





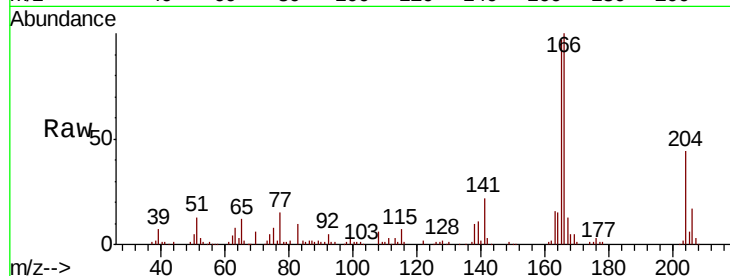
#61
4-Nitroaniline
Concen: 2.964 ng/ul m
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

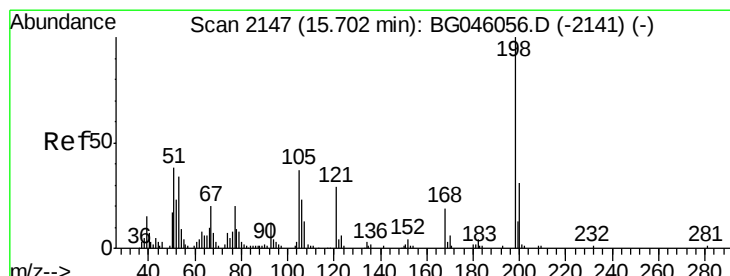
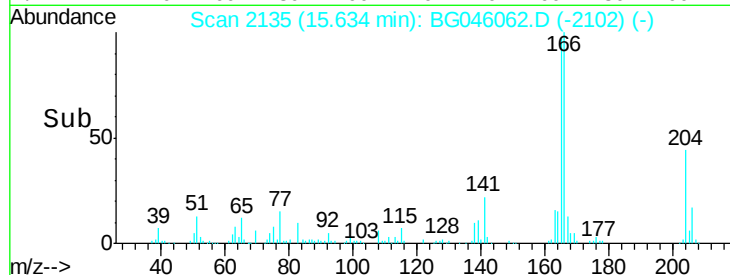
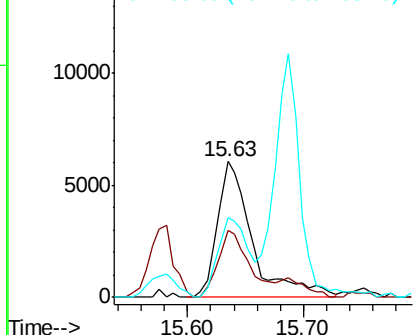
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.1	40.0	60.0	
108	59.1	53.1	79.7	

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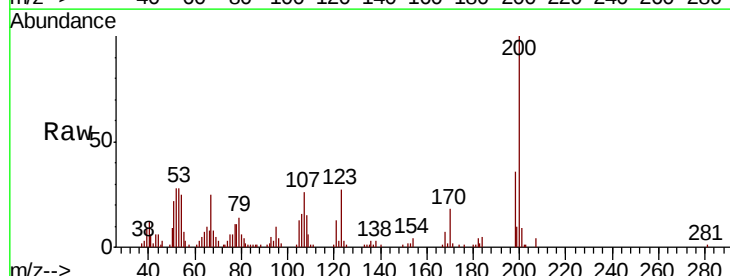


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

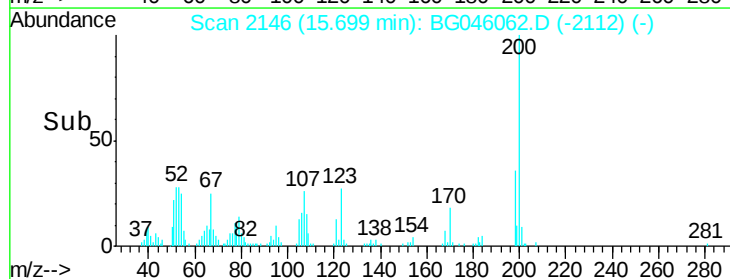
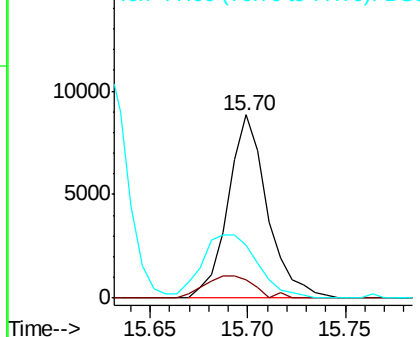


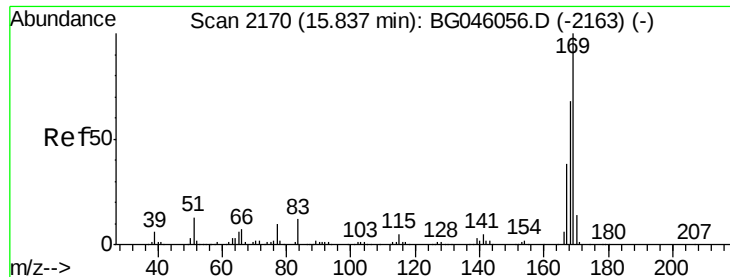
#64
4,6-Dinitro-2-methylphenol
Concen: 3.750 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
182	10.3	3.3	4.9#	
77	29.2	15.4	23.0#	



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): BGC





#65

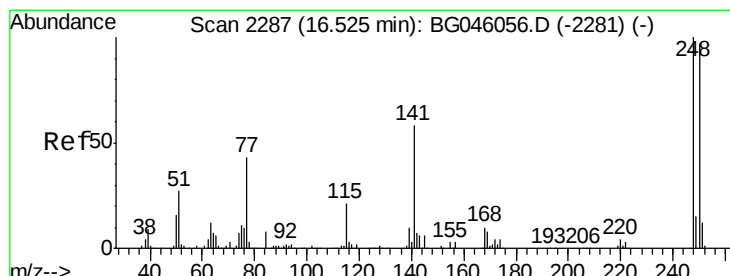
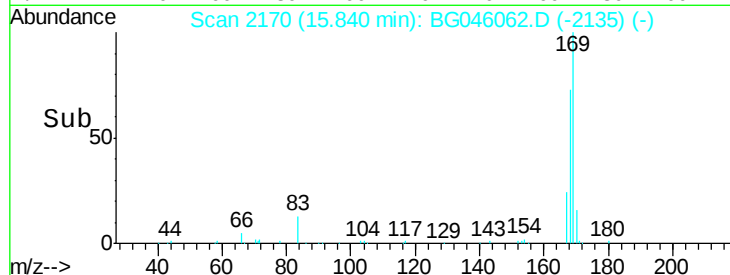
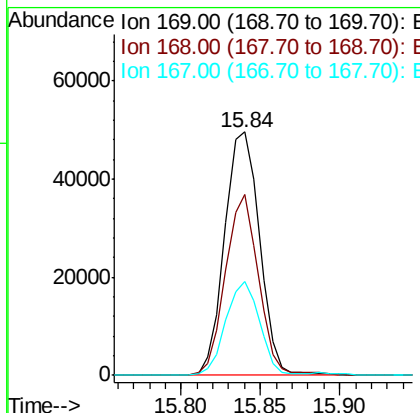
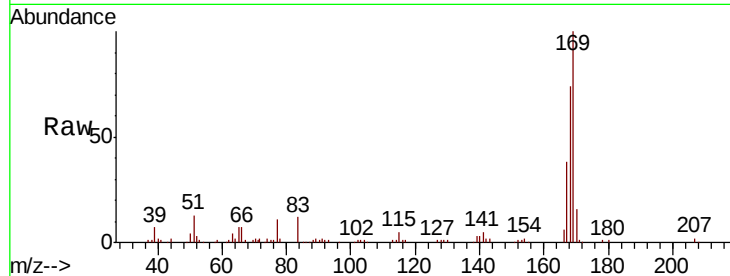
N-Nitrosodiphenylamine
 Concen: 4.217 ng/ul
 RT: 15.84 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
169	100		
168	74.4	55.8	83.8
167	38.4	30.1	45.1

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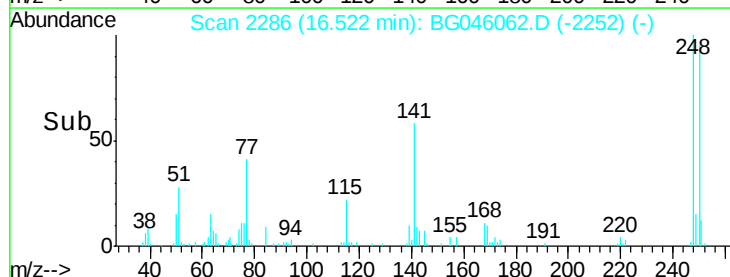
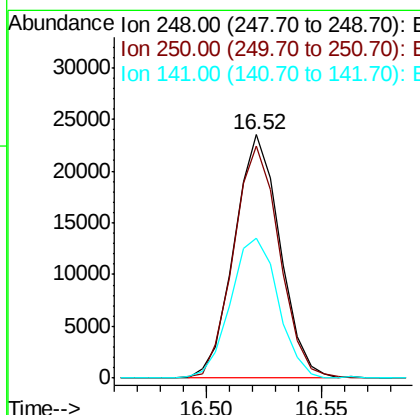
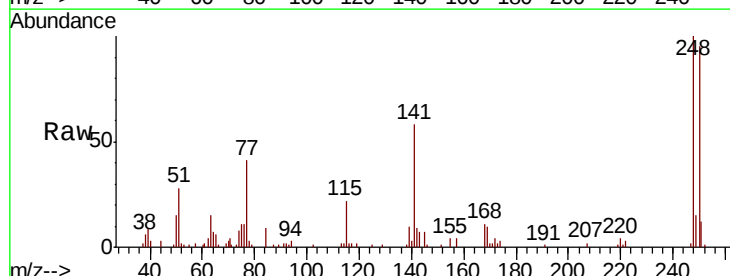
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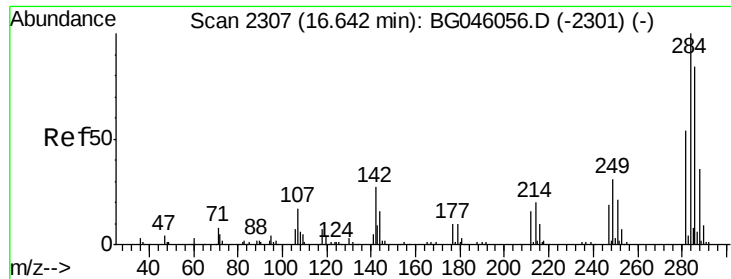


#66

4-Bromophenyl-phenylether
 Concen: 4.223 ng/ul
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	73.2	109.8
141	57.7	49.1	73.7





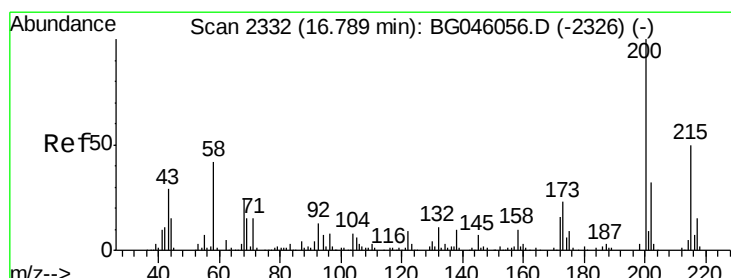
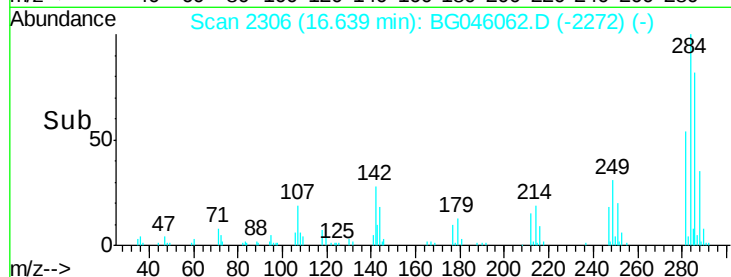
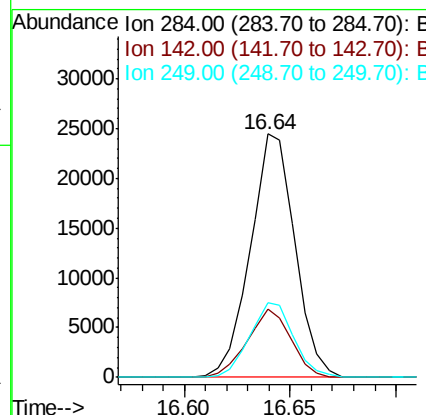
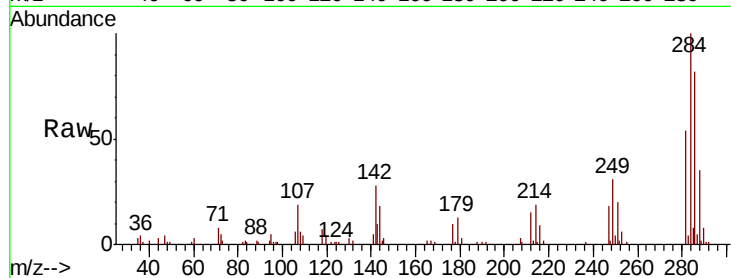
#67
Hexachlorobenzene
Concen: 4.127 ng/ul
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.8	32.6
249	30.7	24.8	37.2

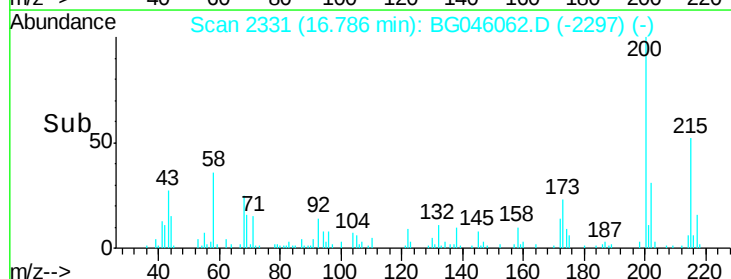
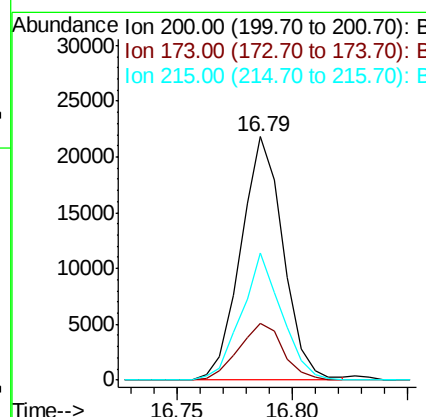
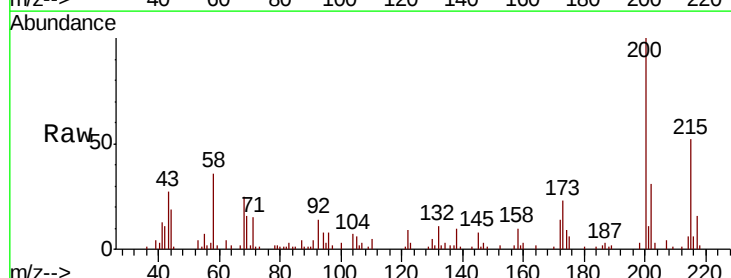
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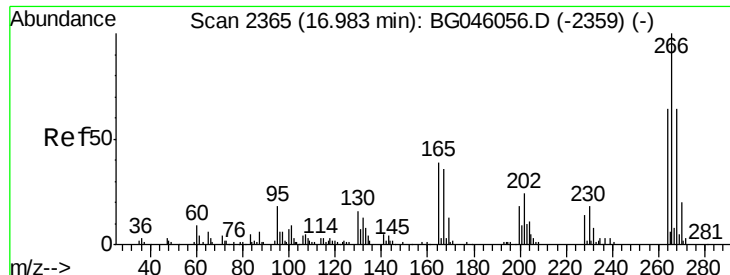
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#68
Atrazine
Concen: 3.883 ng/ul
RT: 16.79 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	19.0	28.6
215	52.4	42.6	63.8





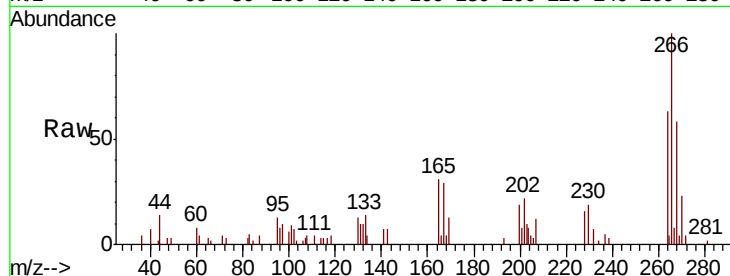
#69
 Pentachlorophenol
 Concen: 2.876 ng/ul m
 RT: 16.99 min Scan# 2365
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

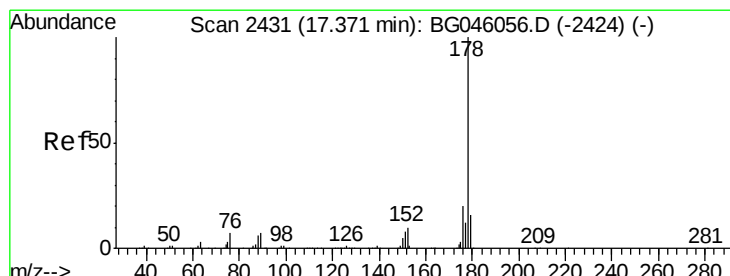
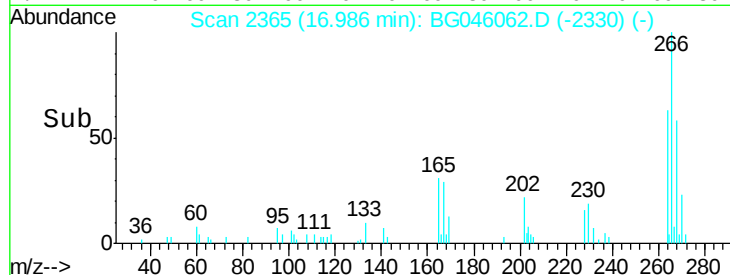
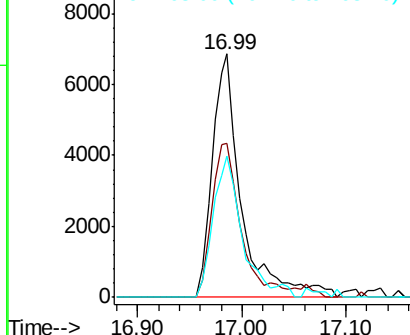
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.3	76.9
268	58.2	53.8	80.6

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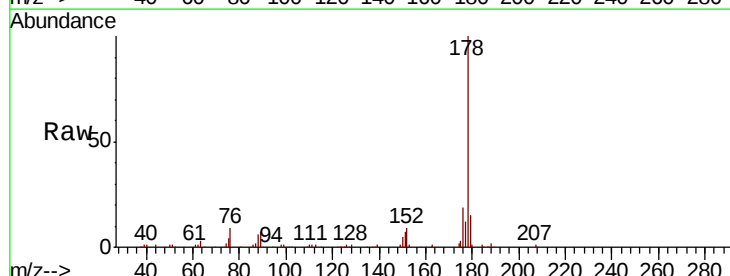


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

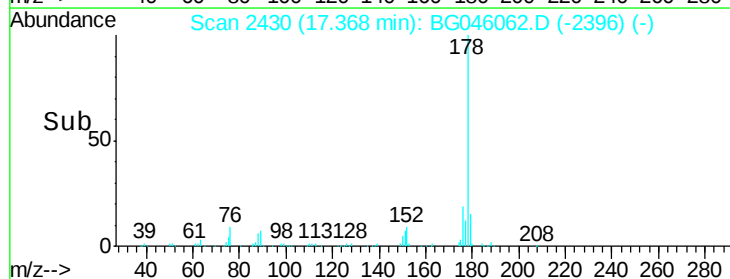
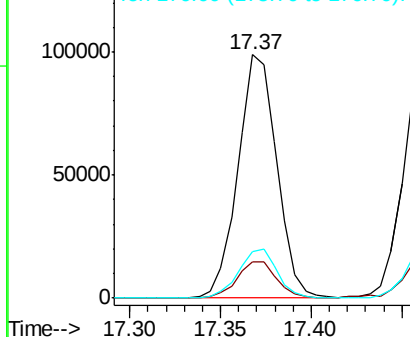


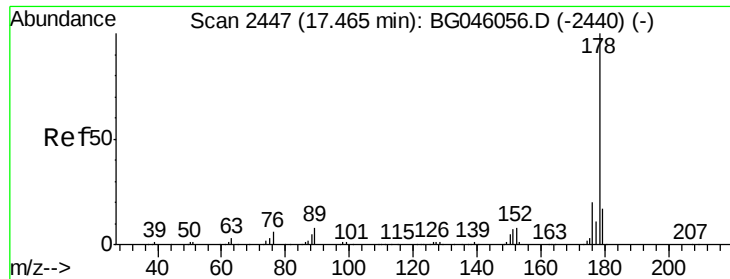
#70
 Phenanthrene
 Concen: 4.264 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.0	19.6
176	18.9	16.0	24.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





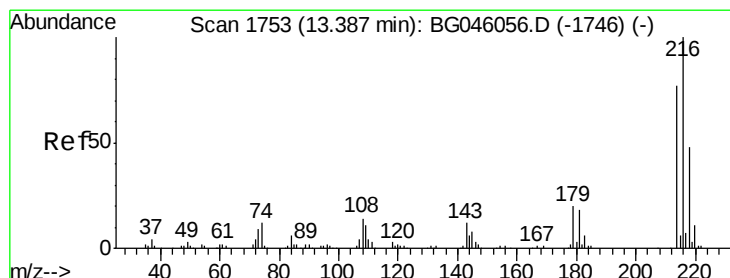
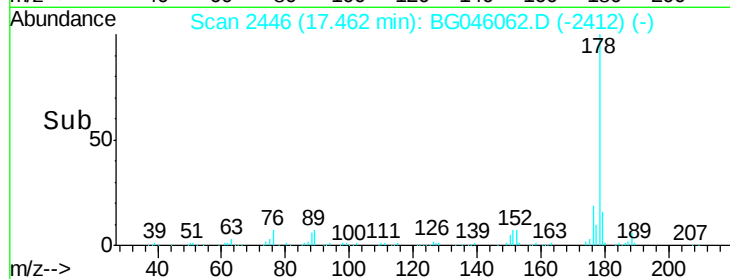
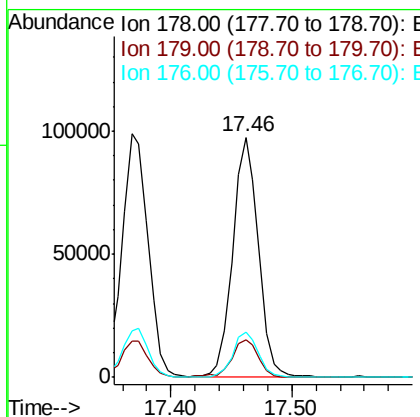
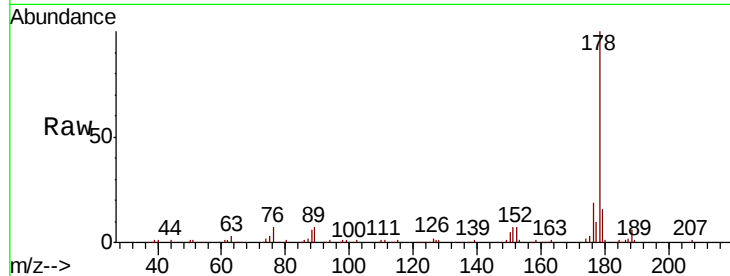
#72
 Anthracene
 Concen: 4.199 ng/uL
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	18.8	15.8	23.8

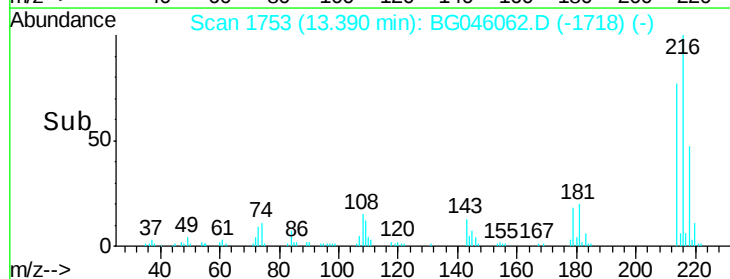
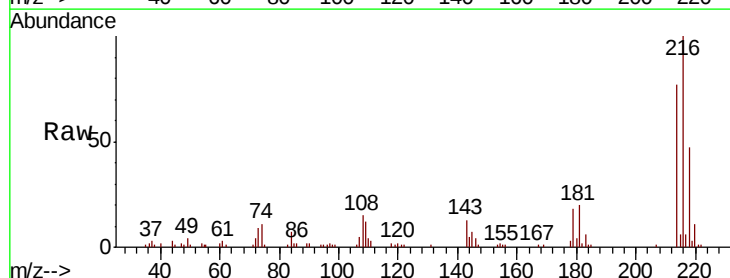
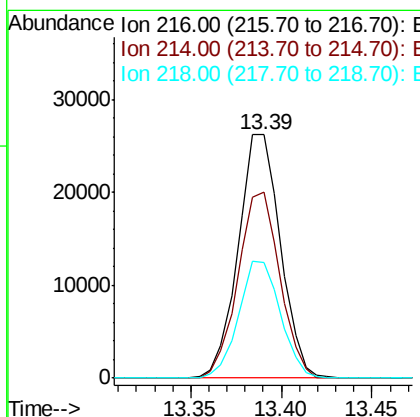
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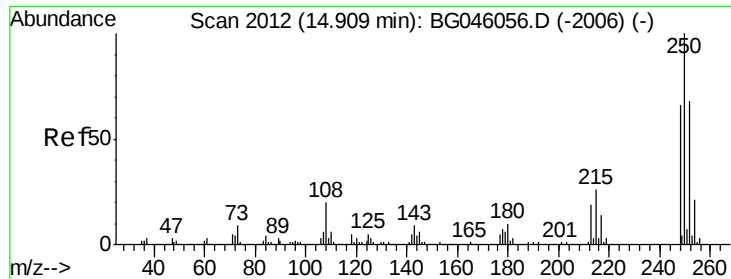
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.569 ng/uL
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	62.9	94.3
218	47.3	40.2	60.2





#74

Pentachlorobenzene

Concen: 4.347 ng/uL

RT: 14.91 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

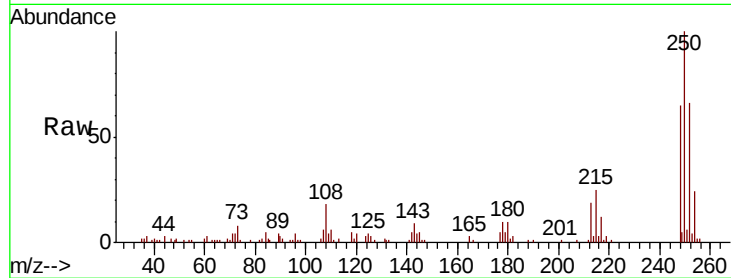
ClientSampleId :

MDL-SOIL-03

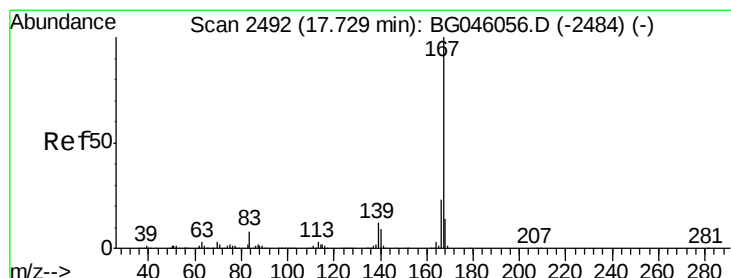
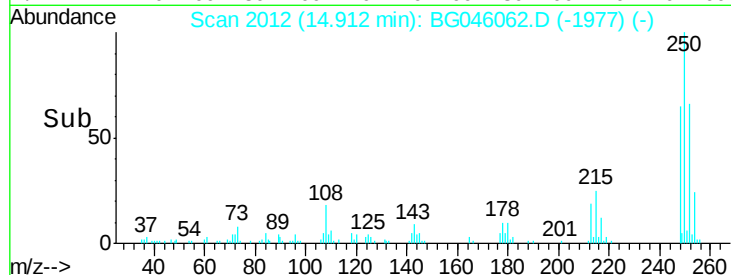
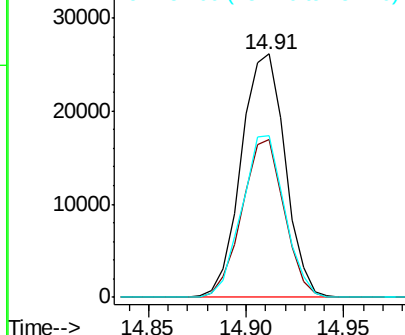
Tot Ion:	250	Resp:	40752
Ion Ratio	Lower	Upper	
250	100		
248	64.9	49.1	73.7
252	66.4	51.4	77.2

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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



#75

Carbazole

Concen: 4.458 ng/uL

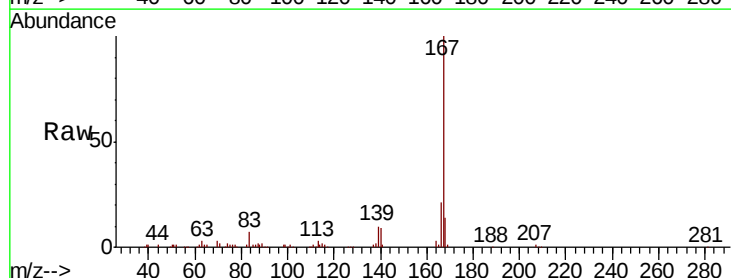
RT: 17.73 min Scan# 2491

Delta R.T. -0.00 min

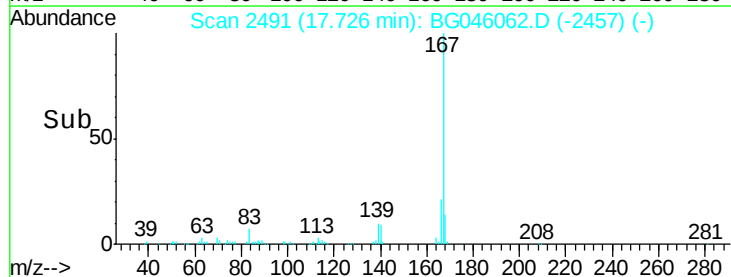
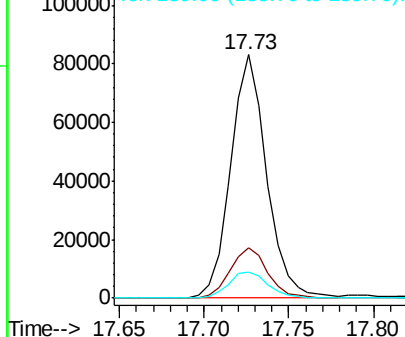
Lab File: BG046062.D

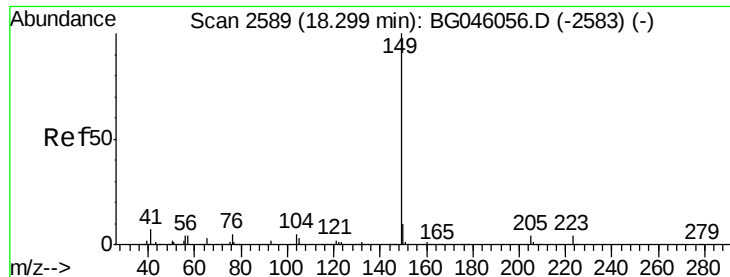
Acq: 24 Jul 2020 12:56

Tgt Ion:	167	Resp:	122991
Ion Ratio	Lower	Upper	
167	100		
166	20.6	18.8	28.2
139	10.5	9.7	14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





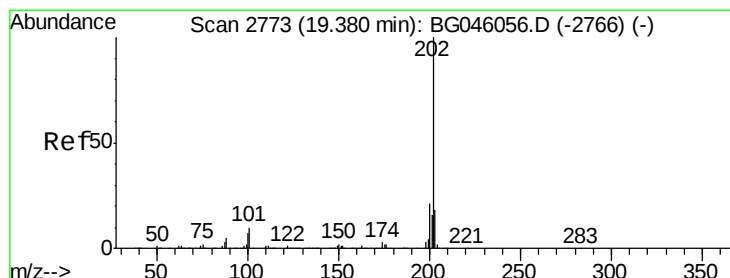
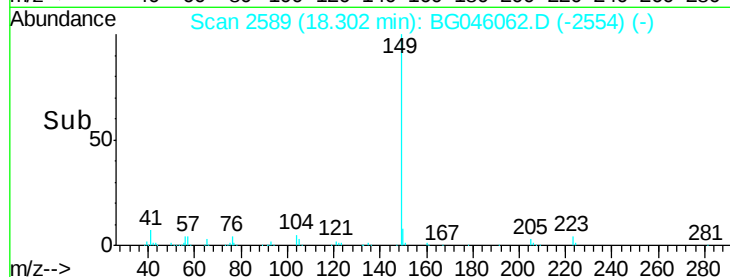
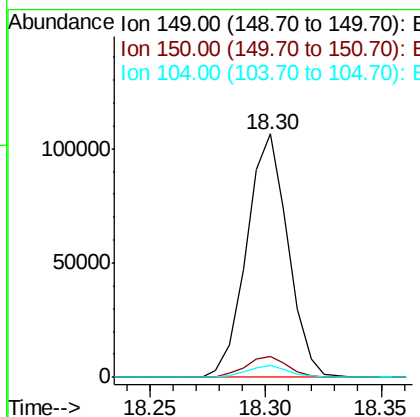
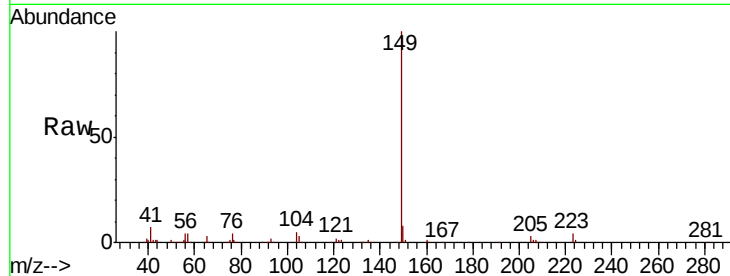
#76
Di-n-butylphthalate
Concen: 3.902 ng/ul
RT: 18.30 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.7	11.5
104	5.1	4.1	6.1

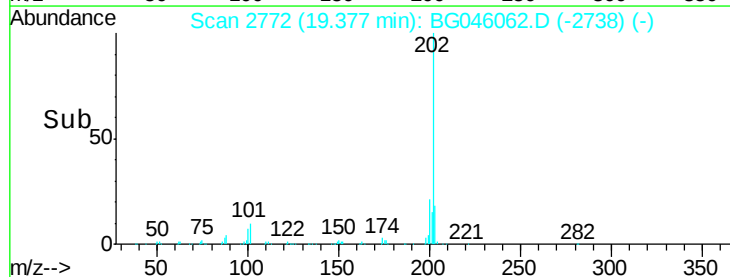
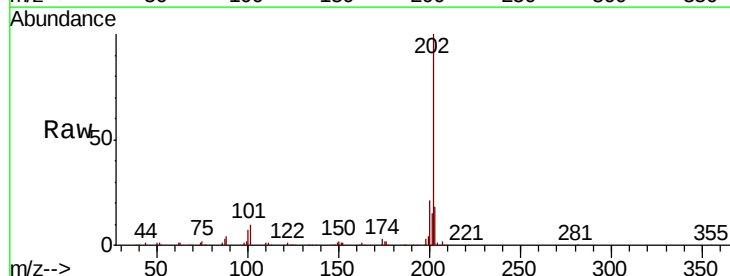
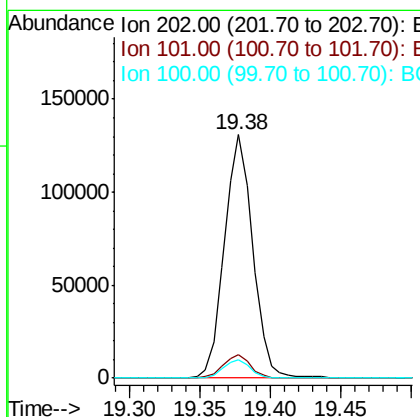
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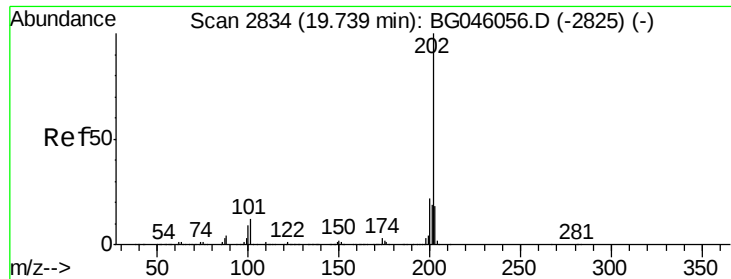
mohammad
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#77
Fluoranthene
Concen: 4.827 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.3	6.5	9.7





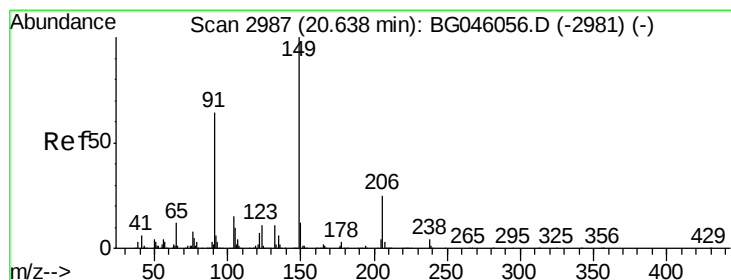
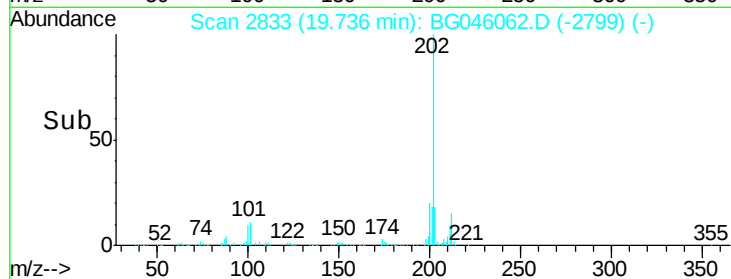
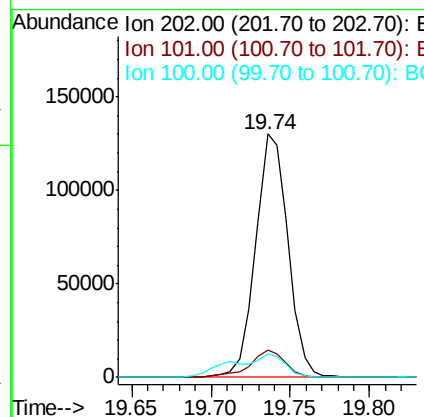
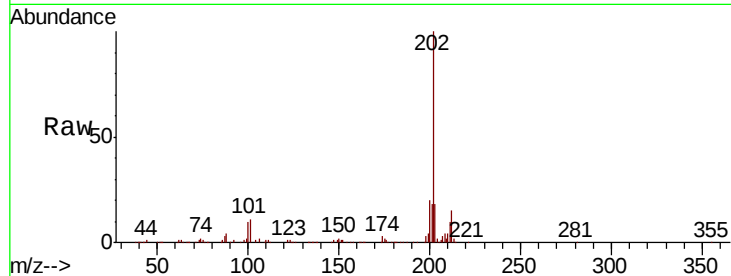
#80
Pvrene
Concen: 4.370 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	9.0	13.4
100	9.8	7.6	11.4

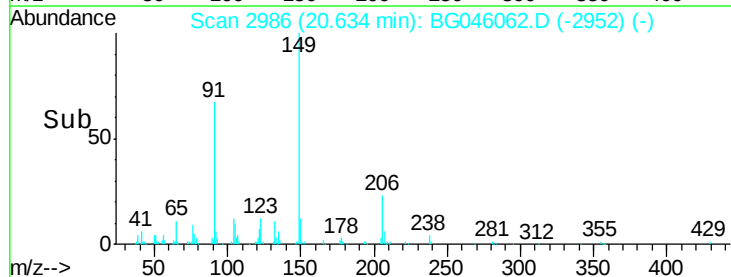
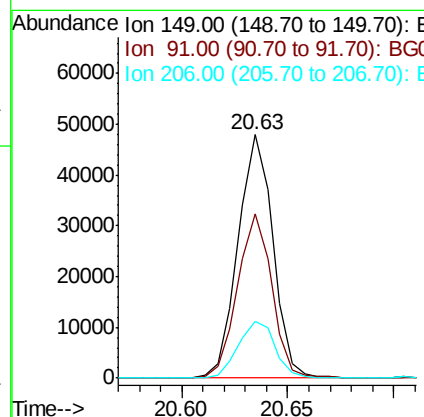
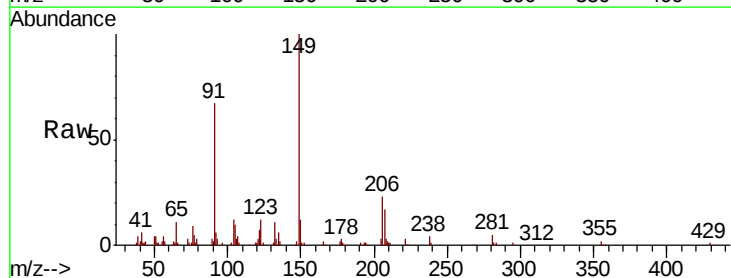
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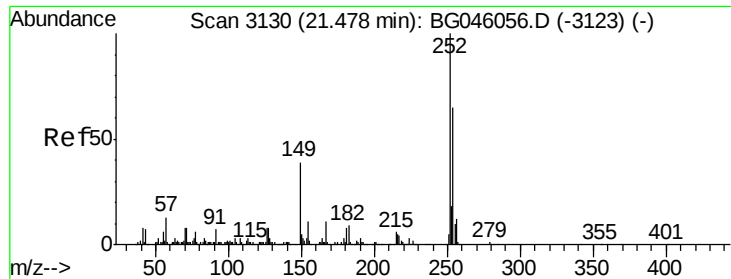
mohammad
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#81
Butylbenzylphthalate
Concen: 3.757 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.5	55.1	82.7
206	23.4	19.8	29.8





#82

3,3'-Dichlorobenzidine

Concen: 3.884 ng/ul

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

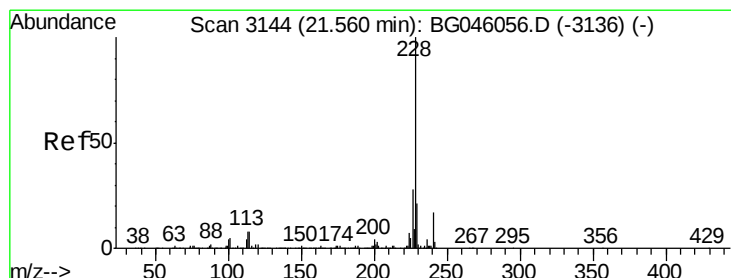
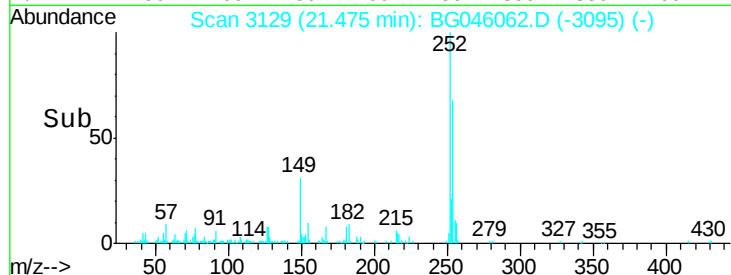
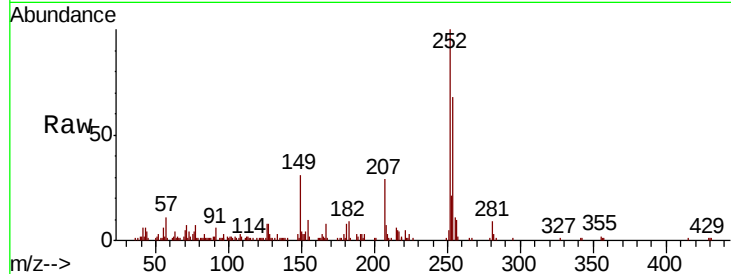
ClientSampled :

MDL-SOIL-03

Tot Ion:	252	Resp:	52391
Ion Ratio	Lower	Upper	
252	100		
254	67.6	51.7	77.5
126	7.7	7.0	10.4

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#83

Benzo(a)anthracene

Concen: 4.518 ng/ul

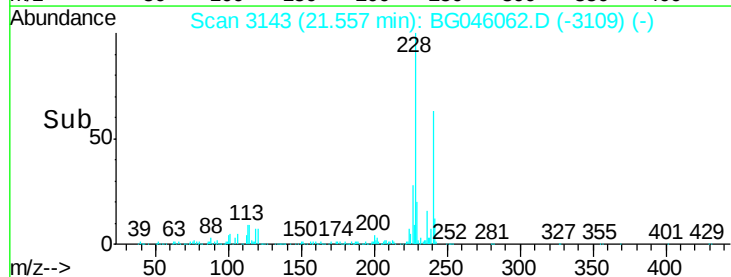
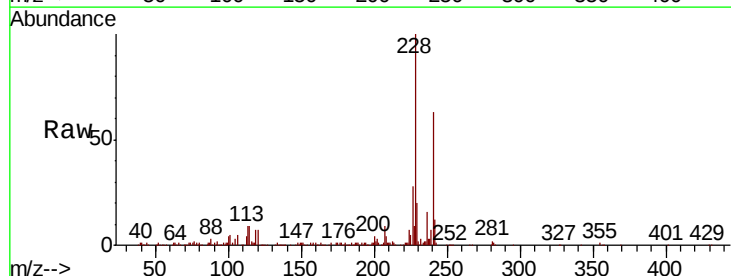
RT: 21.56 min Scan# 3143

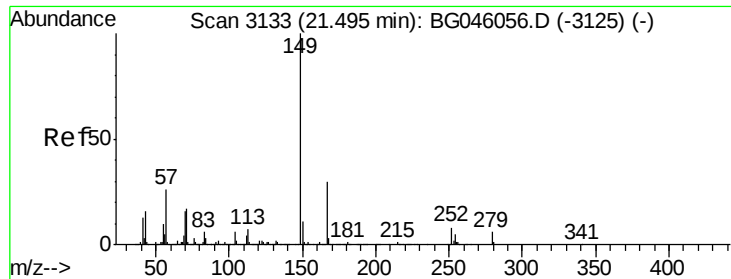
Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:	228	Resp:	186998
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.2	24.4
226	27.5	22.6	33.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.770 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

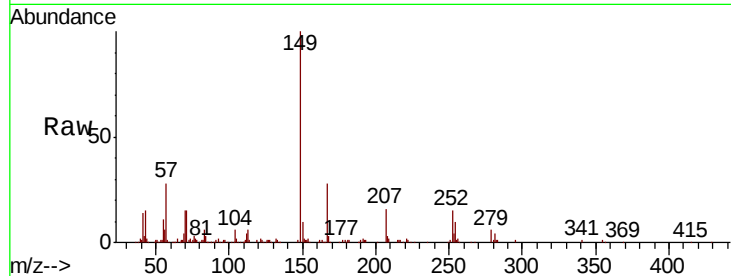
ClientSampleId :

MDL-SOIL-03

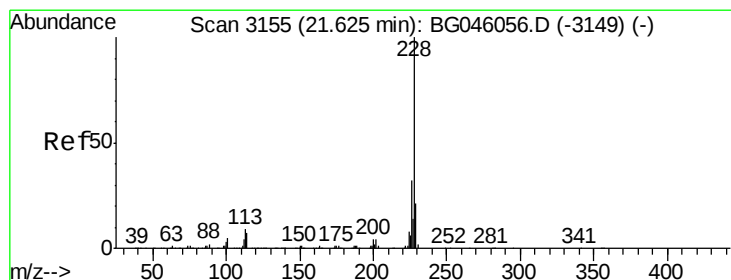
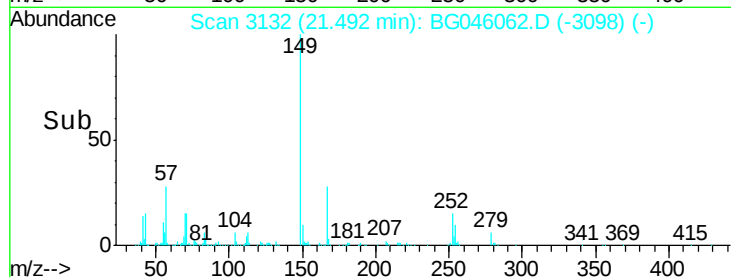
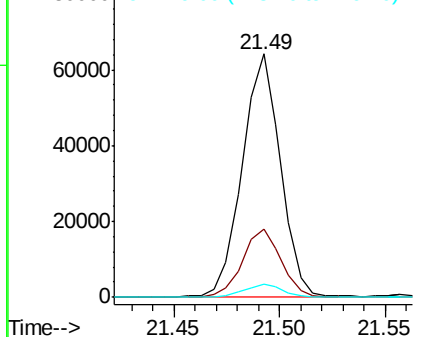
Tot Ion:	149	Resp:	79983
Ion Ratio	Lower	Upper	
149	100		
167	28.0	24.6	37.0
279	5.7	4.1	6.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.381 ng/ul

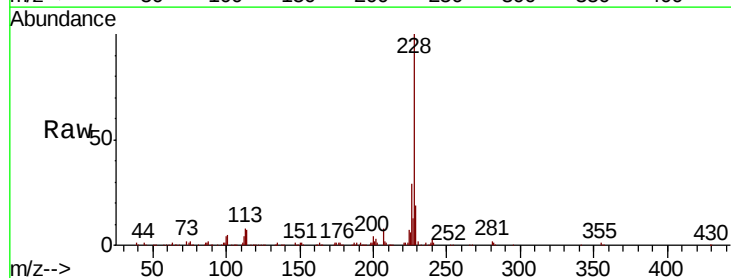
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

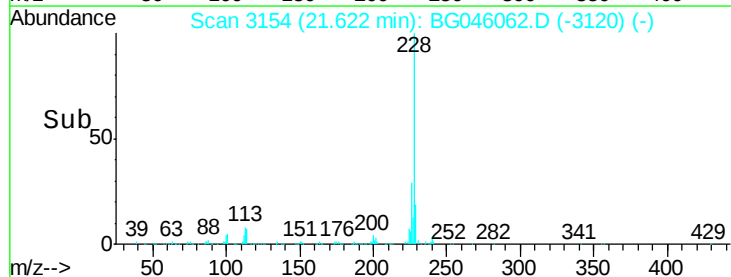
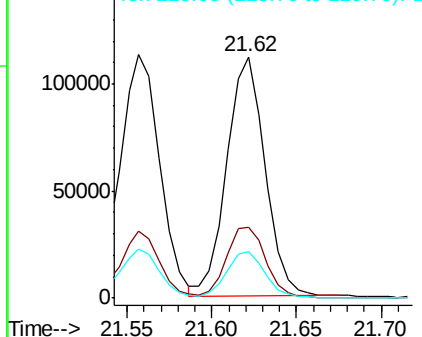
Lab File: BG046062.D

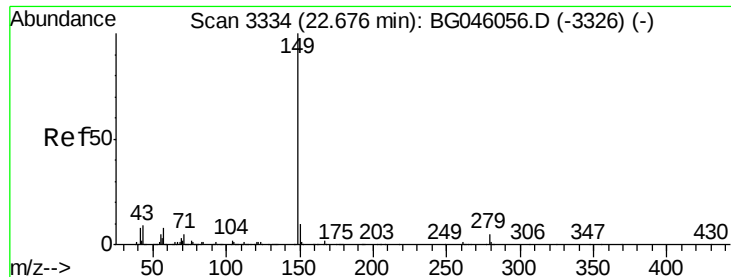
Acq: 24 Jul 2020 12:56

Tgt Ion:	228	Resp:	176245
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.3	37.9
229	19.1	16.9	25.3



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





#87

Di-n-octyl phthalate

Concen: 3.535 ng/ul

RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

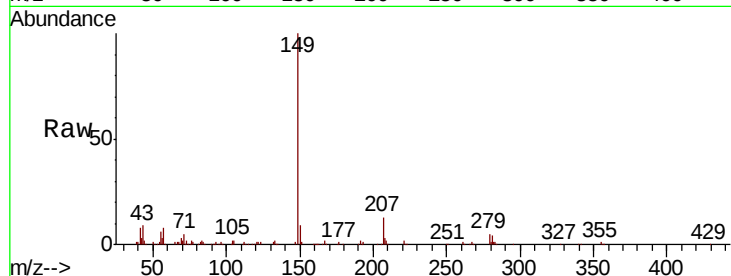
ClientSampleId :

MDL-SOIL-03

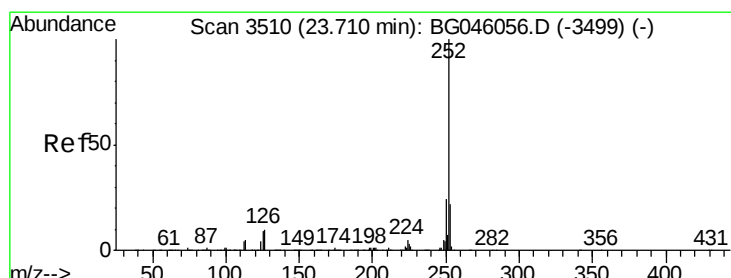
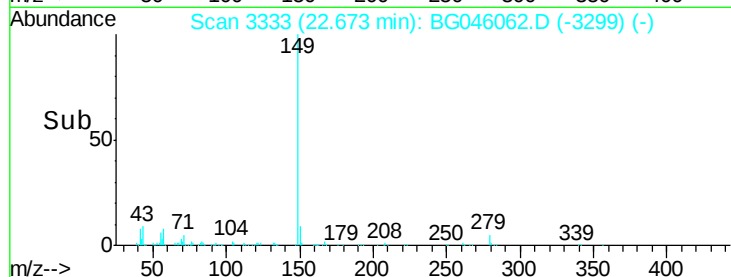
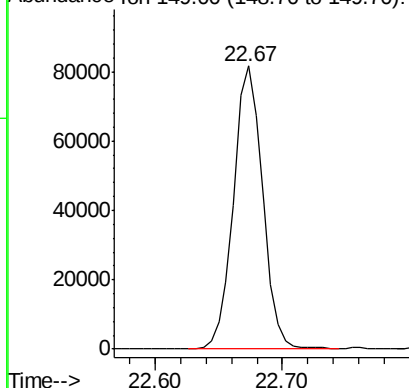
Tgt Ion:149 Resp: 129598

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.832 ng/ul

RT: 23.70 min Scan# 3508

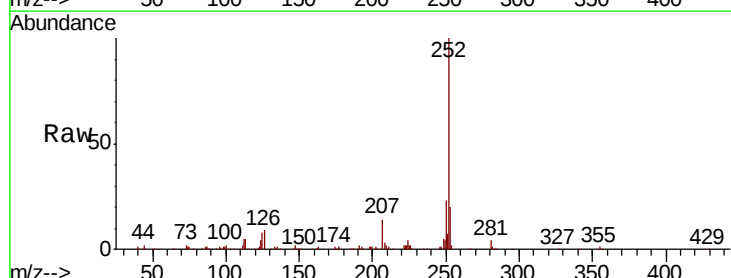
Delta R.T. -0.01 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:252 Resp: 181634

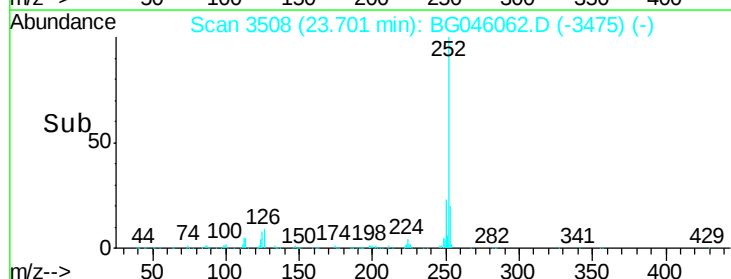
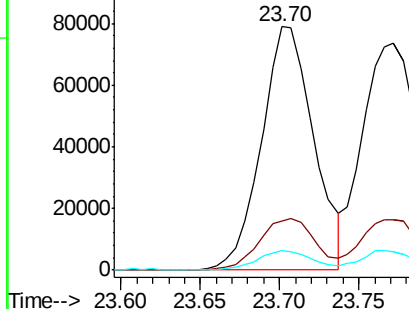
Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.0	27.0
125	8.1	6.3	9.5

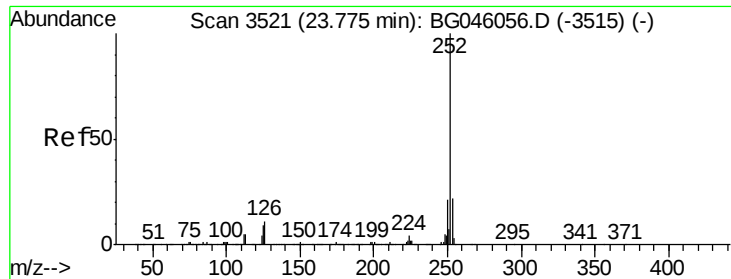


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.993 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Instrument :

BNA_G

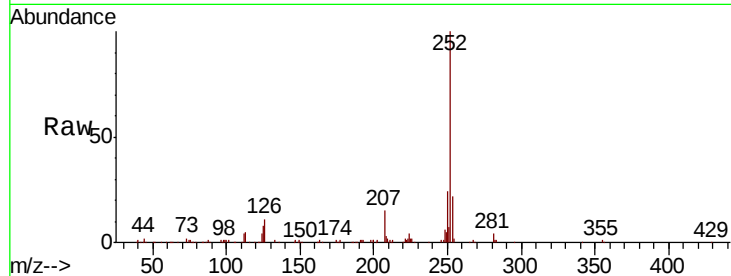
ClientSampleId :

MDL-SOIL-03

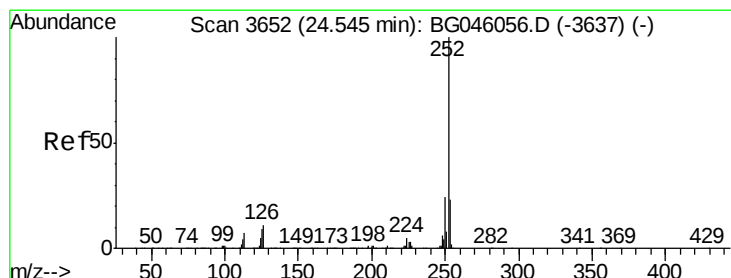
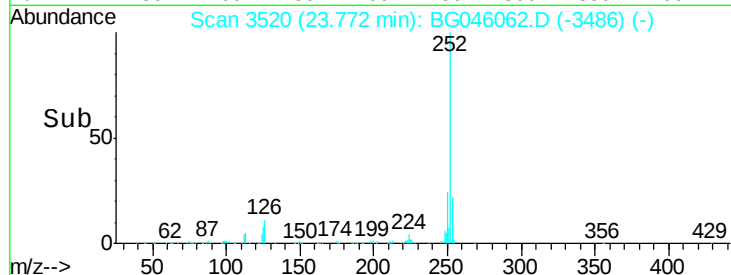
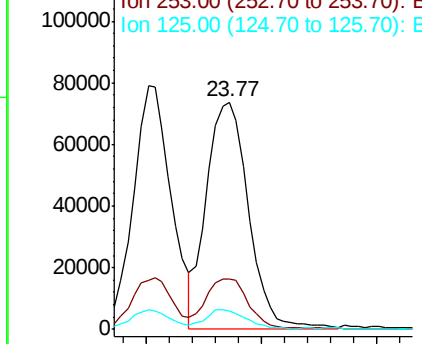
Tot Ion:	252	Resp:	185826
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.8	28.2
125	8.1	6.7	10.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 4.077 ng/ul

RT: 24.54 min Scan# 3651

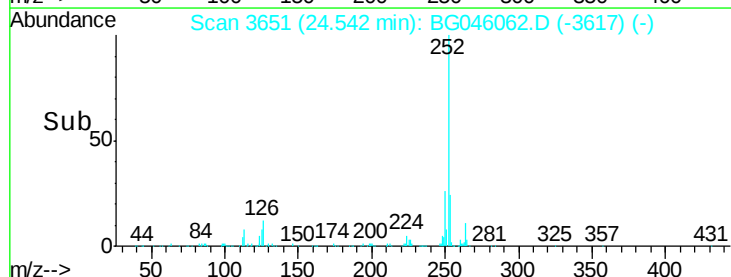
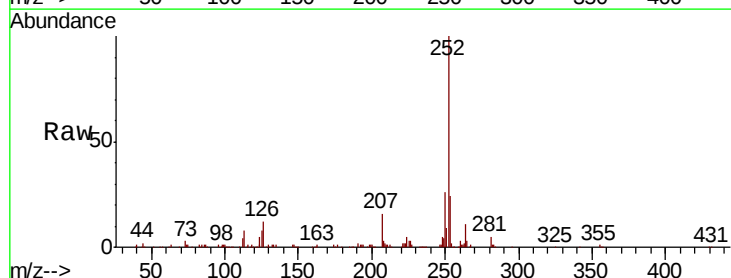
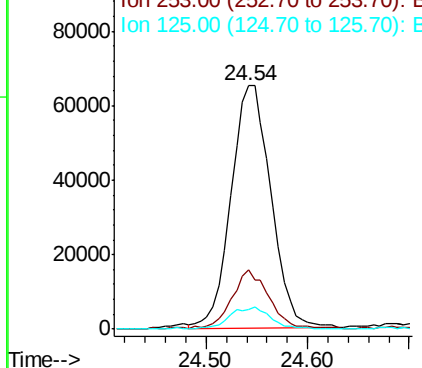
Delta R.T. -0.00 min

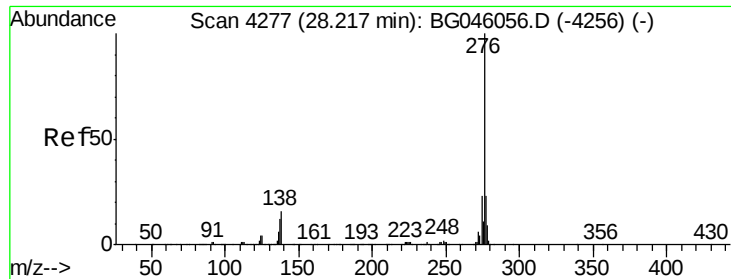
Lab File: BG046062.D

Acq: 24 Jul 2020 12:56

Tgt Ion:	252	Resp:	177230
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	8.2	7.4	11.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

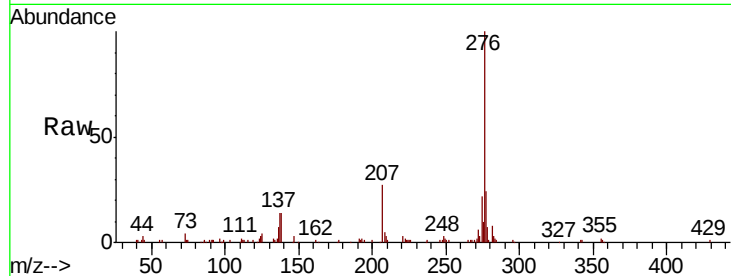
Indeno(1,2,3-cd)pyrene
Concen: 3.745 ng/ul
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.6	18.8
277	23.8	18.5	27.7

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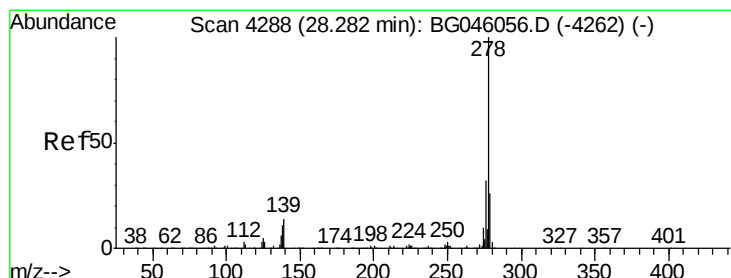
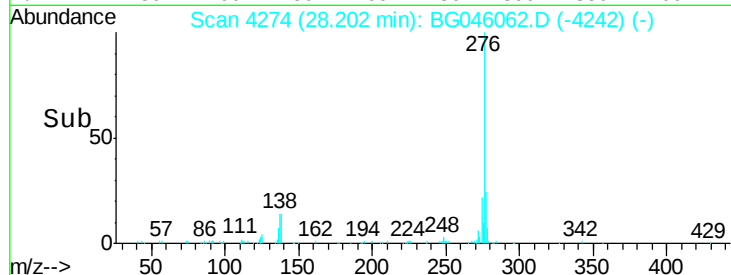
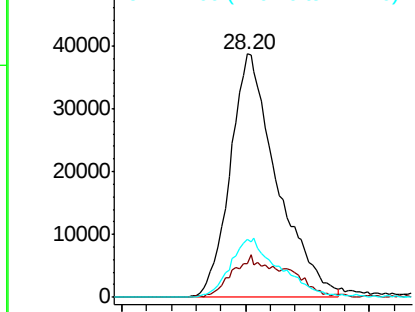


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

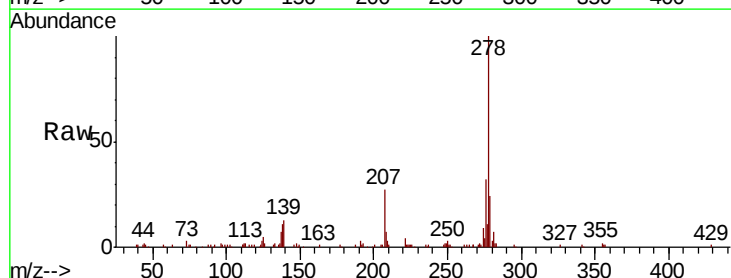
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 3.758 ng/ul
RT: 28.27 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG046062.D
Acq: 24 Jul 2020 12:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.6	16.0
279	24.0	19.4	29.0

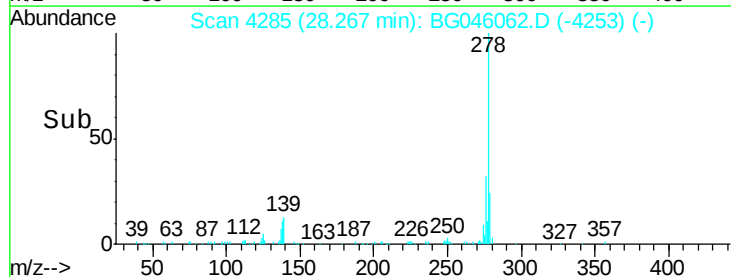
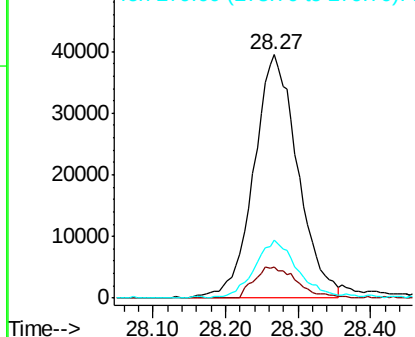


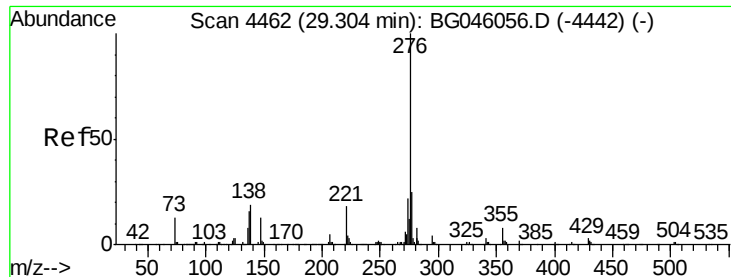
Abundance

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





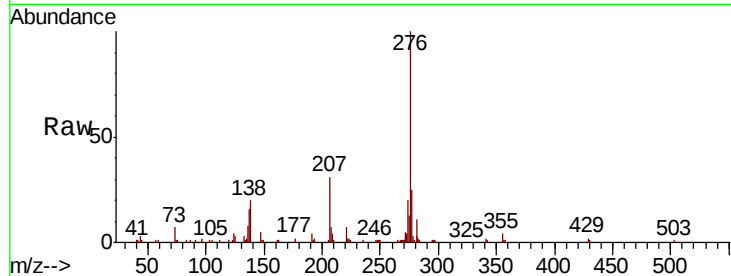
#94
 Benzo(a,h,i)perylene
 Concen: 3.777 ng/ul
 RT: 29.29 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: BG046062.D
 Acq: 24 Jul 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:	276	Resp:	173319
Ion Ratio		Lower	Upper
276	100		
138	20.2	13.6	20.4
277	24.8	18.8	28.2

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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

