

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
 Data File : BG046081.D
 Acq On : 27 Jul 2020 10:17
 Operator : CG/JU
 Sample : L1955-04
 Misc : MDL-SOIL-04
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:40 AM

Quant Time: Jul 27 11:09:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 10:02:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	350427	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	247191	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	584919	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	618007	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	682981	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3183	1.85	ng/uL	0.00
5) Phenol-d5	7.13	99	179095	26.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	113893	27.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	147830	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	146737	26.15	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	72641	29.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	75196	29.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	157284	27.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	215539	33.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	566911	29.41	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	662036	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	84261	26.76	ng/ul	0.00
58) Fluorene-d10	15.58	176	497721	28.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	73931	25.26	ng/ul	0.00
71) Anthracene-d10	17.43	188	784341	29.08	ng/ul	0.00
79) Pyrene-d10	19.71	212	971633	29.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1009401	26.67	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	3796	1.807 ng/uL#	85
4) Benzaldehyde	7.10	77	10750	2.267 ng/ul	96
6) Phenol	7.15	94	25761	3.760 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.38	93	21396	3.816 ng/ul	88
10) 2-Chlorophenol	7.53	128	21656	4.013 ng/ul	94
11) 2-Methylphenol	8.40	108	19160	3.471 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.49	45	38118	4.022 ng/ul	99
14) Acetophenone	8.78	105	34299	4.143 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.76	70	17842	3.983 ng/ul	97
16) 4-Methylphenol	8.73	108	22406	3.788 ng/ul	95
17) Hexachloroethane	9.05	117	8620	3.764 ng/ul	99
20) Nitrobenzene	9.15	77	25248	3.972 ng/ul	93
21) Isophorone	9.68	82	46024	3.705 ng/ul	95
23) 2-Nitrophenol	9.86	139	11269	3.981 ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	21495	3.427 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.16	93	29355	3.736 ng/ul	98
27) 2,4-Dichlorophenol	10.40	162	22283	3.950 ng/ul	95
28) Naphthalene	10.81	128	74097	3.951 ng/ul	97
30) 4-Chloroaniline	10.91	127	27761	4.478 ng/ul	98
31) Hexachlorobutadiene	11.11	225	17469	4.024 ng/ul	97
32) Caprolactam	11.68	113	6458m	3.396 ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	19371	3.349 ng/ul	99
34) 2-Methylnaphthalene	12.41	142	57652	4.089 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	56671	4.070	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	34096	3.990	ng/uL	99
38) Hexachlorocyclopentadiene	12.77	237	12042	2.461	ng/uL	99
39) 2,4,6-Trichlorophenol	13.02	196	15743	3.151	ng/uL	96
40) 2,4,5-Trichlorophenol	13.10	196	17557	3.233	ng/uL	95
41) 1,1'-Biphenyl	13.42	154	78906	4.126	ng/uL	97
42) 2-Chloronaphthalene	13.46	162	61325	4.019	ng/uL	98
43) 2-Nitroaniline	13.65	65	13020	3.620	ng/uL	92
45) Dimethylphthalate	14.04	163	80020	4.139	ng/uL	98
46) 2,6-Dinitrotoluene	14.15	165	13446	3.647	ng/uL	97
48) Acenaphthylene	14.31	152	94340	4.030	ng/uL	100
49) 3-Nitroaniline	14.48	138	10909	3.141	ng/uL	87
50) Acenaphthene	14.65	153	66529	3.947	ng/uL	93
51) 2,4-Dinitrophenol	14.68	184	4393	2.691	ng/uL#	79
53) 4-Nitrophenol	14.79	109	7898	3.496	ng/uL	87
54) Dibenzofuran	14.98	168	96309	4.190	ng/uL	100
55) 2,4-Dinitrotoluene	14.93	165	19360	3.687	ng/uL#	94
56) 2,3,4,6-Tetrachlorophenol	15.21	232	17962	3.547	ng/uL#	92
57) Diethylphthalate	15.40	149	76940	4.029	ng/uL	99
59) Fluorene	15.63	166	80222	4.116	ng/uL	94
60) 4-Chlorophenyl-phenylether	15.63	204	42503	4.150	ng/uL	99
61) 4-Nitroaniline	15.64	138	11305m	2.920	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11588	3.716	ng/uL#	89
65) N-Nitrosodiphenylamine	15.84	169	67224	3.953	ng/uL	97
66) 4-Bromophenyl-phenylether	16.52	248	29635	4.077	ng/uL	97
67) Hexachlorobenzene	16.64	284	32776	3.995	ng/uL	96
68) Atrazine	16.78	200	27034	3.976	ng/uL	99
69) Pentachlorophenol	16.98	266	13126m	3.001	ng/uL	
70) Phenanthrene	17.37	178	138431	4.241	ng/uL	98
72) Anthracene	17.46	178	134231	4.127	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	36331	4.136	ng/uL	98
74) Pentachlorobenzene	14.91	250	35196	3.968	ng/uL	95
75) Carbazole	17.73	167	115275	4.416	ng/uL	98
76) Di-n-butylphthalate	18.30	149	127793	3.979	ng/uL	99
77) Fluoranthene	19.38	202	177609	4.960	ng/uL	99
80) Pvrene	19.74	202	176367	4.220	ng/uL	97
81) Butylbenzylphthalate	20.63	149	53425	3.725	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.47	252	50640	3.818	ng/uL	100
83) Benzo(a)anthracene	21.56	228	181678	4.464	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	77393	3.709	ng/uL	93
85) Chrysene	21.62	228	173452	4.384	ng/uL	98
87) Di-n-octyl phthalate	22.67	149	123452	3.459	ng/uL	100
88) Benzo(b)fluoranthene	23.71	252	173735	3.765	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	177520	3.918	ng/uL	95
91) Benzo(a)pyrene	24.54	252	167491	3.958	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.21	276	187192	3.542	ng/uL	99
93) Dibenzo(a,h)anthracene	28.27	278	154293	3.569	ng/uL	98
94) Benzo(a,h,i)perylene	29.29	276	163085	3.651	ng/uL	97

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Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

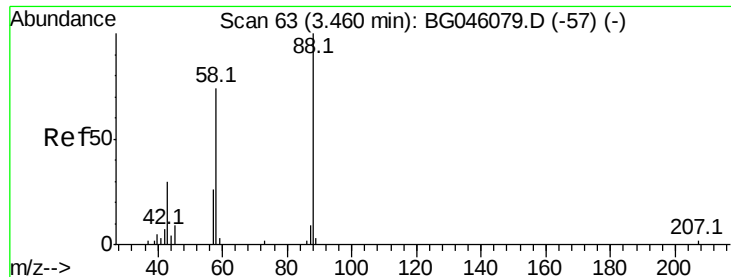
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QLast Update : Mon Jul 27 10:02:22 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.807 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

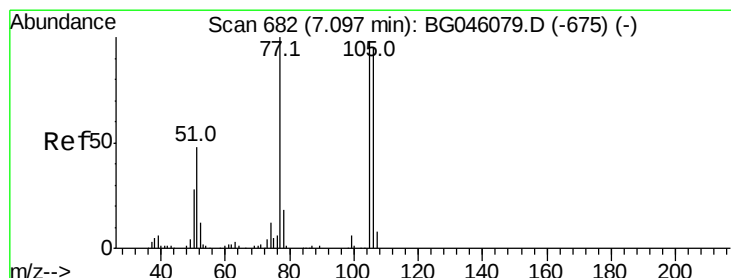
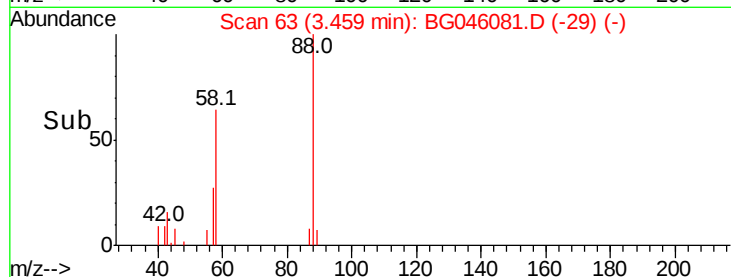
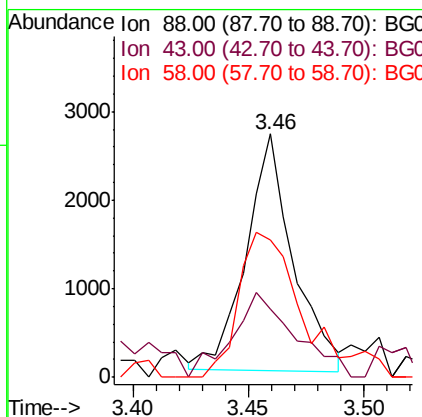
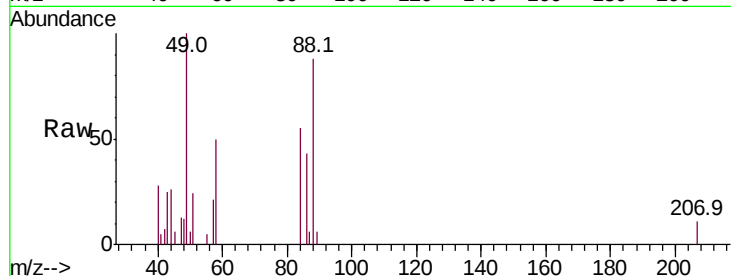
ClientSampleId :

MDL-SOIL-04

Tot Ion:	88	Resp:	3796
Ion	Ratio	Lower	Upper
88	100		
43	28.1	26.6	39.8
58	56.5	57.4	86.2#

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#4

Benzaldehyde

Concen: 2.267 ng/uL

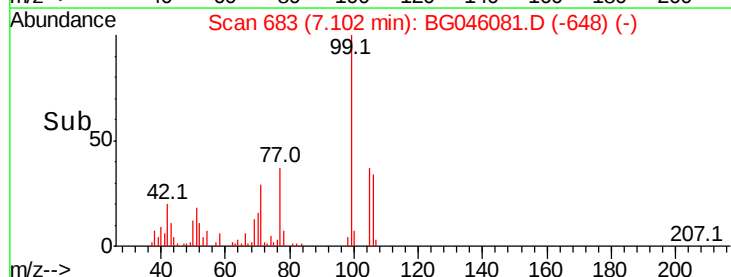
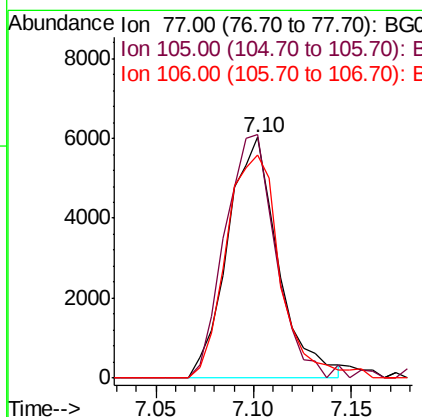
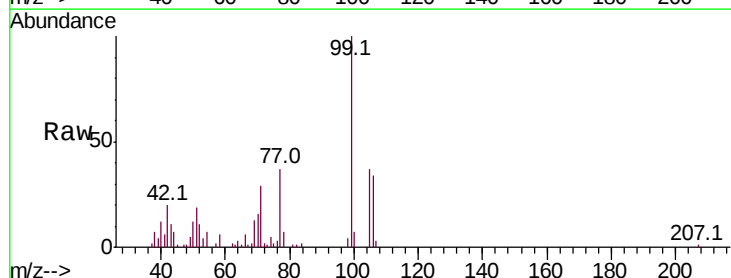
RT: 7.10 min Scan# 683

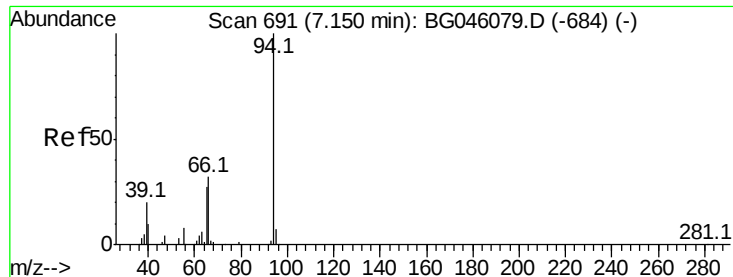
Delta R.T. 0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Tgt Ion:	77	Resp:	10750
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.4	119.2
106	92.9	78.6	117.8





#6

Phenol

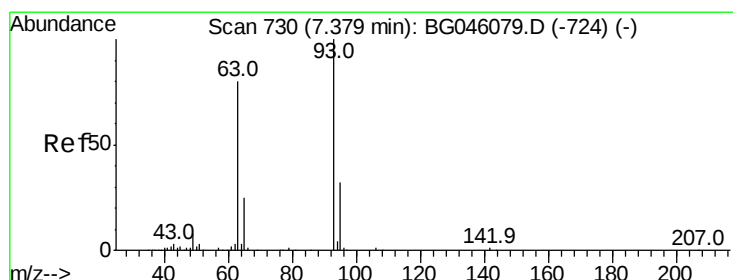
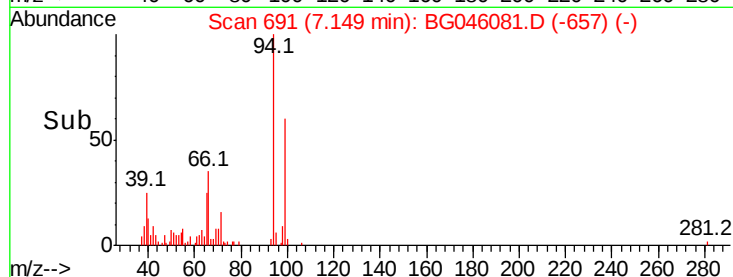
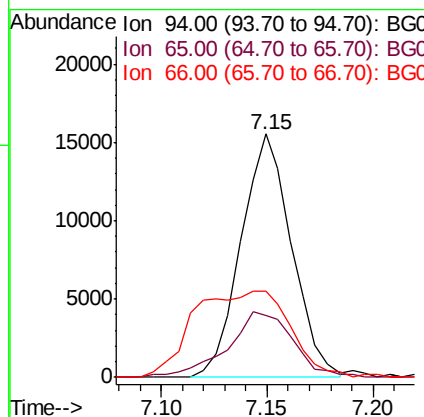
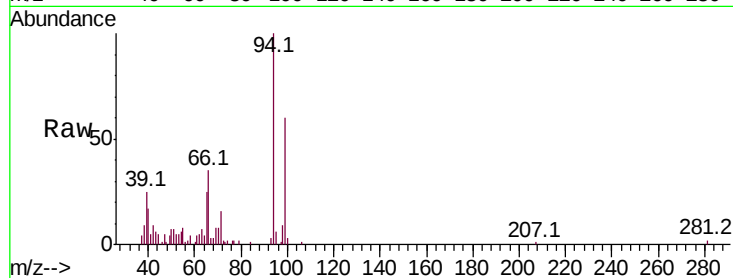
Concen: 3.760 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
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 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.4	23.1	34.7
66	35.3	30.3	45.5

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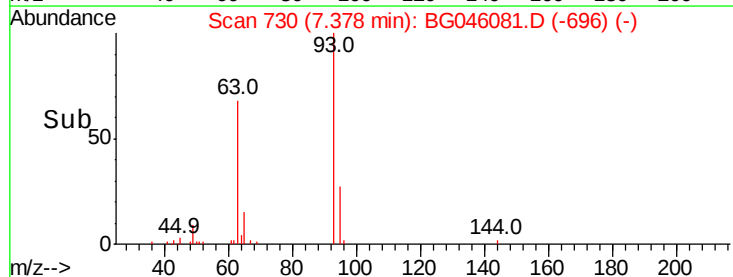
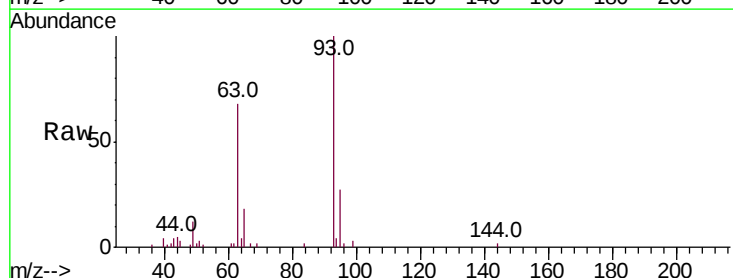
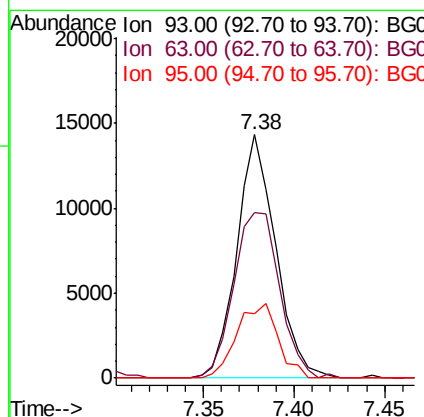


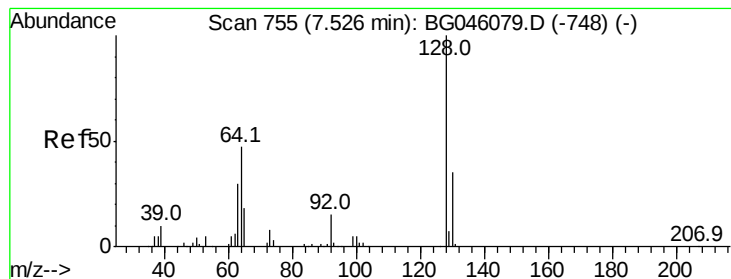
#8

Bis(2-Chloroethyl)ether

Concen: 3.816 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.2	63.4	95.2
95	26.6	26.4	39.6





#10

2-Chlorophenol

Concen: 4.013 ng/ul

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

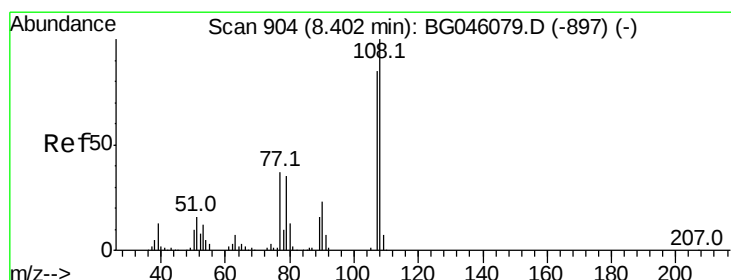
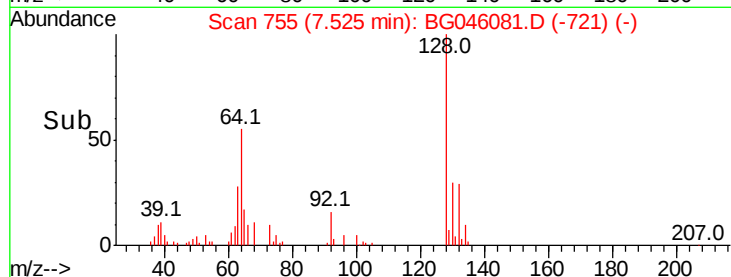
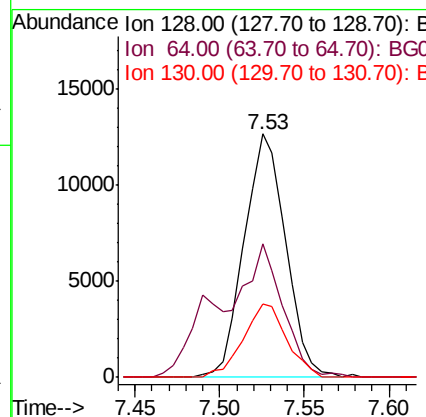
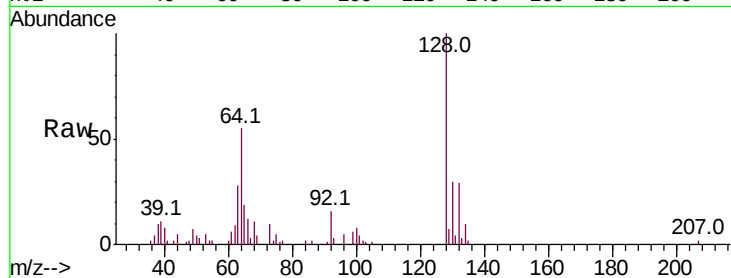
ClientSampleId :

MDL-SOIL-04

Tot Ion:	128	Resp:	21656
Ion Ratio	Lower	Upper	
128	100		
64	54.6	39.0	58.6
130	30.3	25.0	37.4

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#11

2-Methylphenol

Concen: 3.471 ng/ul

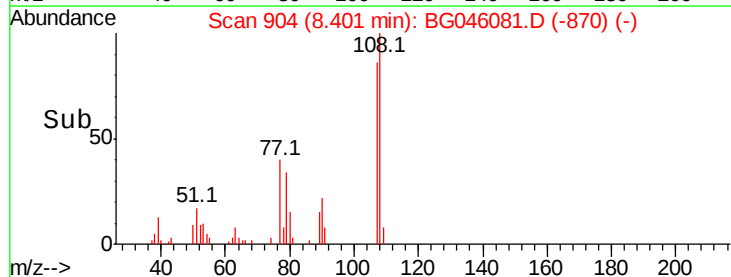
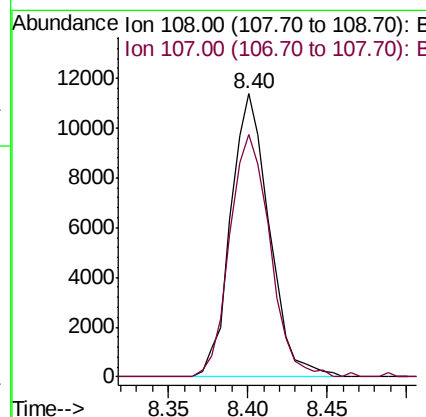
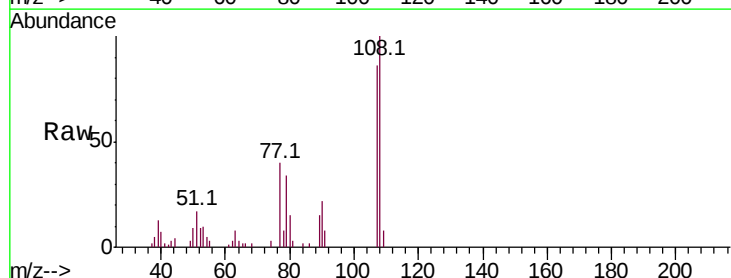
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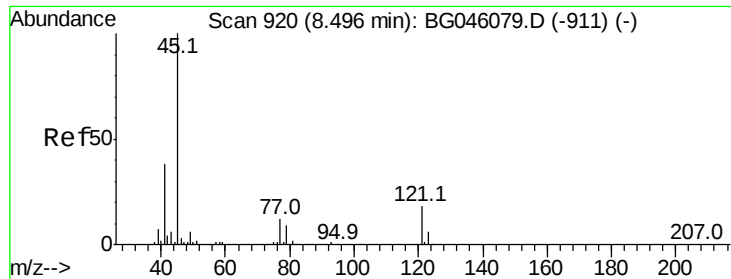
Delta R.T. -0.00 min

Lab File: BG046081.D

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Tgt Ion:	108	Resp:	19160
Ion Ratio	Lower	Upper	
108	100		
107	85.8	75.0	112.4





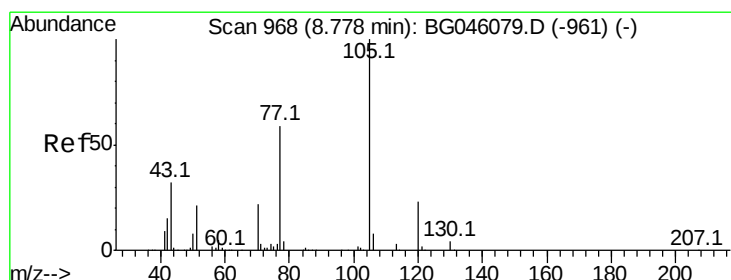
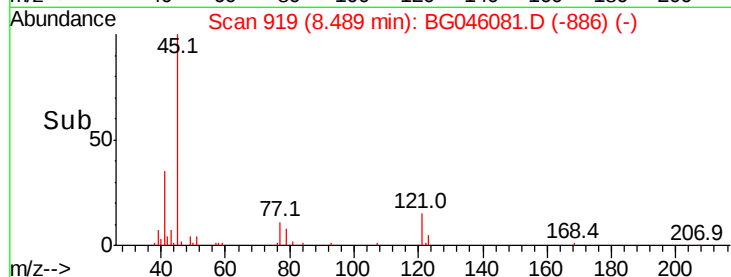
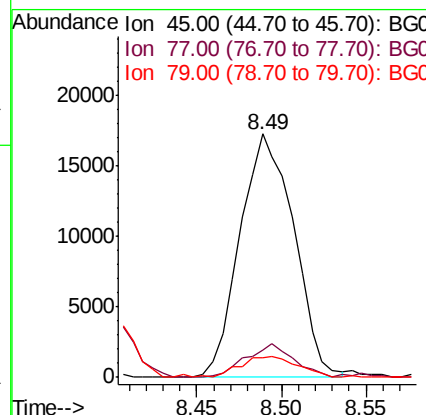
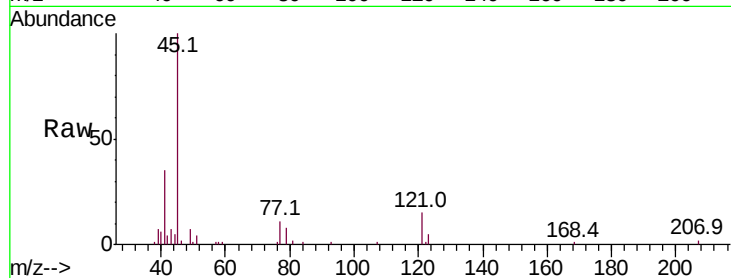
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.022 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG046081.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	11.2	9.2	13.8
79	8.0	7.0	10.6

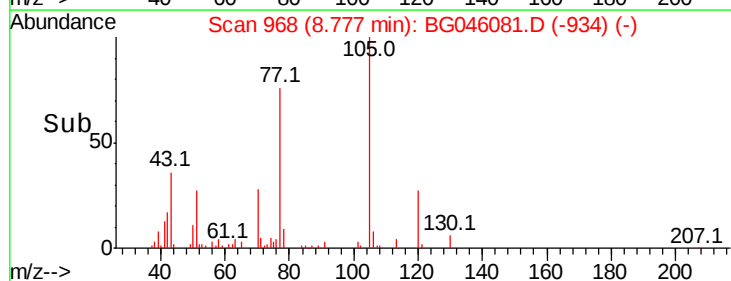
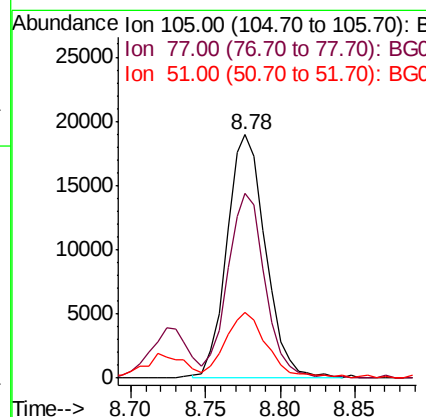
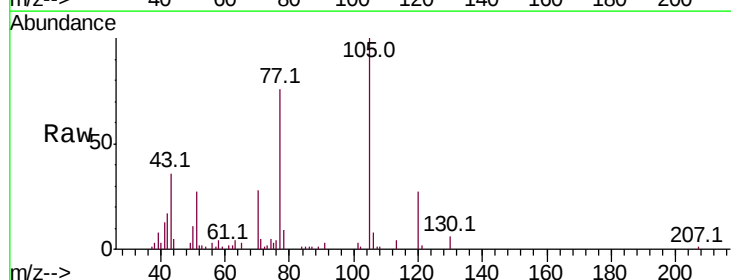
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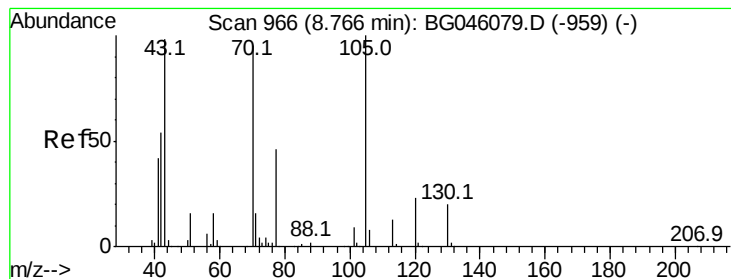
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#14
Acetophenone
Concen: 4.143 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046081.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.1	62.2	93.2
51	27.0	23.0	34.6





#15

N-Nitroso-di-n-propylamine

Concen: 3.983 ng/ul

RT: 8.76 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG046081.D

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Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-04

Tot Ion: 70 Resp: 17842

Ion Ratio Lower Upper

70 100

42 60.3 50.0 75.0

101 10.7 8.1 12.1

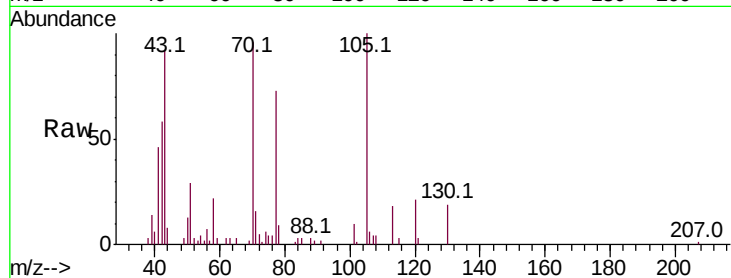
130 19.6 18.0 27.0

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7/28/2020 11:42:40 AM

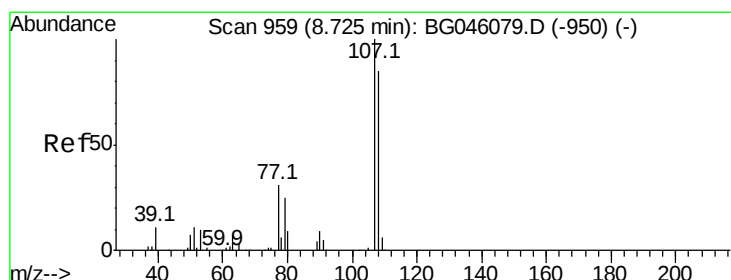
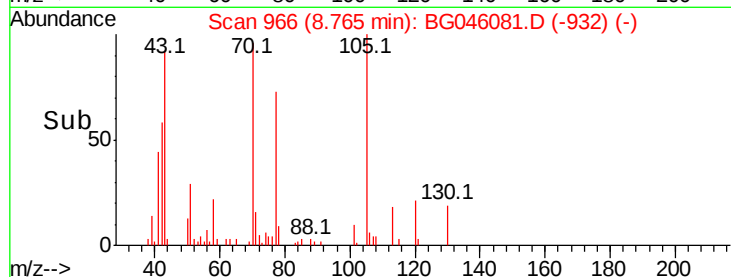
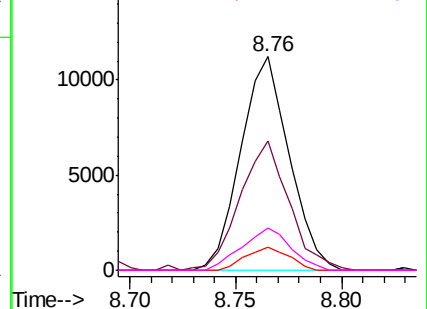


Abundance Ion 70.00 (69.70 to 70.70): BG046079.D (-959) (-)

Ion 42.00 (41.70 to 42.70): BG046079.D (-959) (-)

Ion 101.00 (100.70 to 101.70): BG046079.D (-959) (-)

Ion 130.00 (129.70 to 130.70): BG046079.D (-959) (-)



#16

4-Methylphenol

Concen: 3.788 ng/ul

RT: 8.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG046081.D

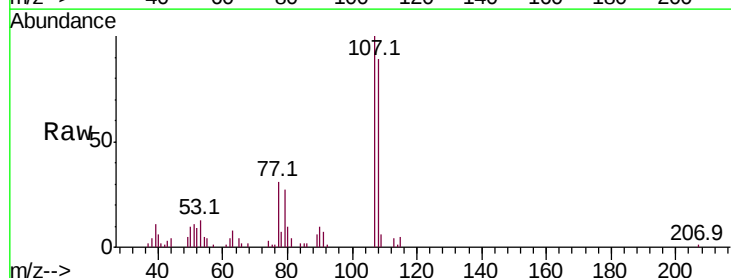
Acq: 27 Jul 2020 10:17

Tgt Ion: 108 Resp: 22406

Ion Ratio Lower Upper

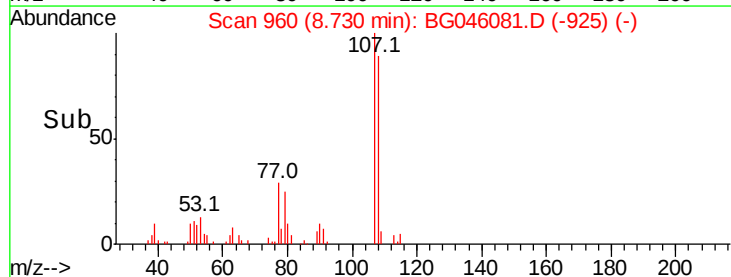
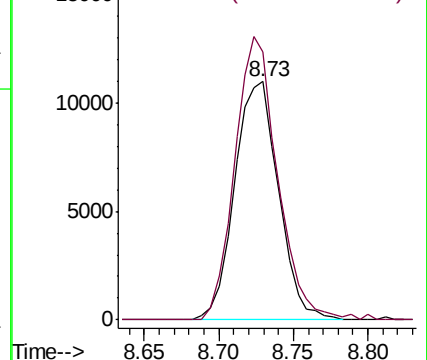
108 100

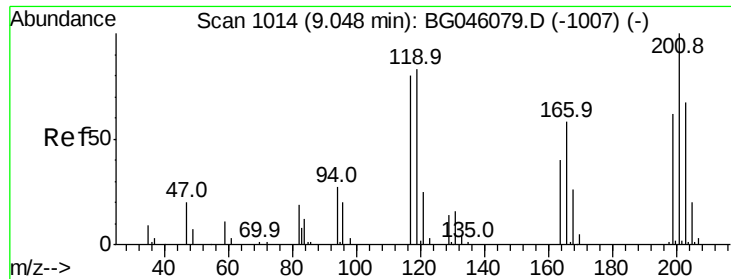
107 112.6 94.6 141.8



Abundance Ion 108.00 (107.70 to 108.70): BG046079.D (-950) (-)

Ion 107.00 (106.70 to 107.70): BG046079.D (-950) (-)





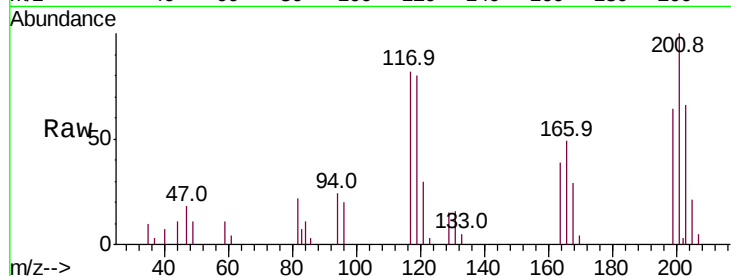
#17
Hexachloroethane
Concen: 3.764 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

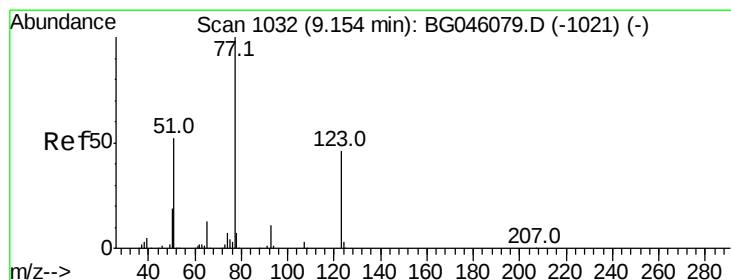
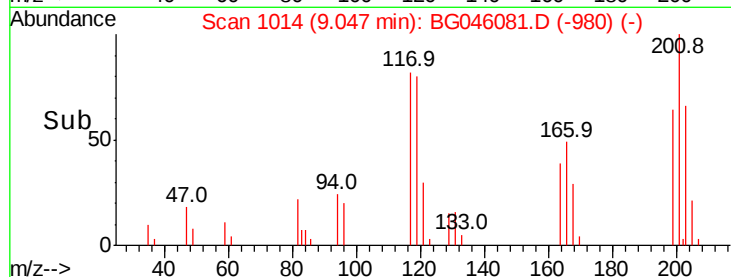
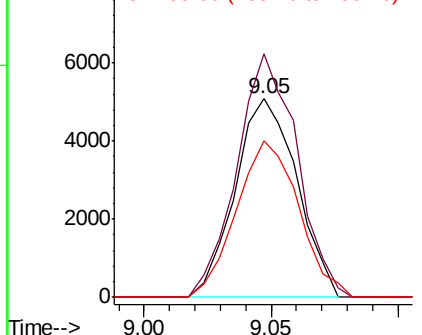
Tot Ion	Ratio	Resp	Lower	Upper
117	100	8620		
201	122.7		98.2	147.4
199	78.6		61.4	92.2

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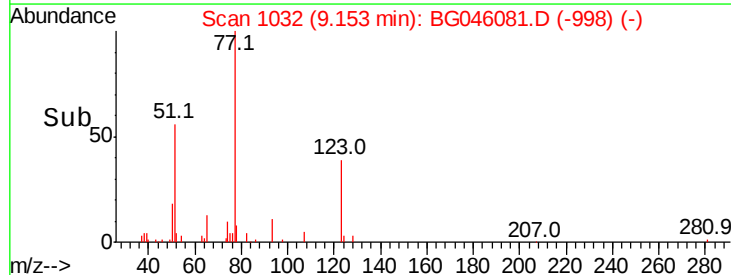
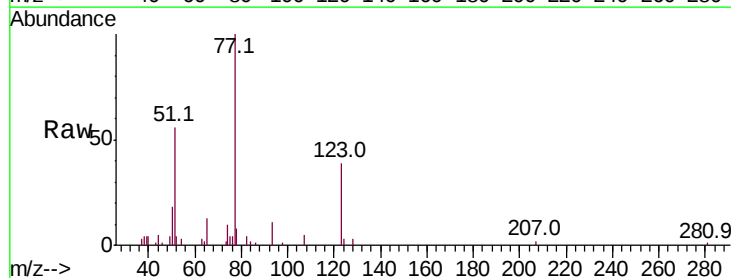
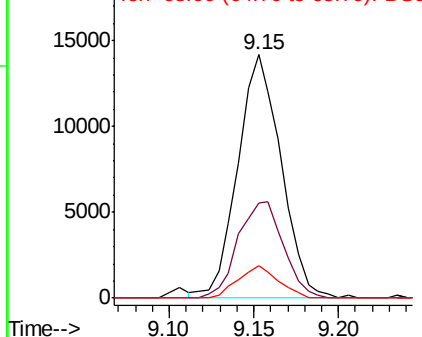
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

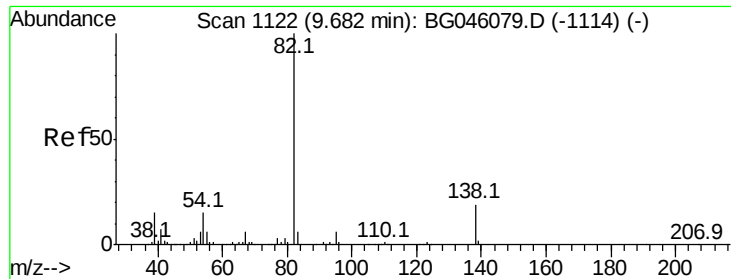


#20
Nitrobenzene
Concen: 3.972 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	25248		
123	39.0		36.1	54.1
65	13.4		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





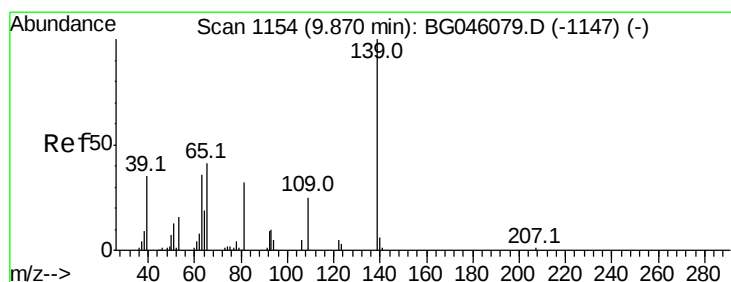
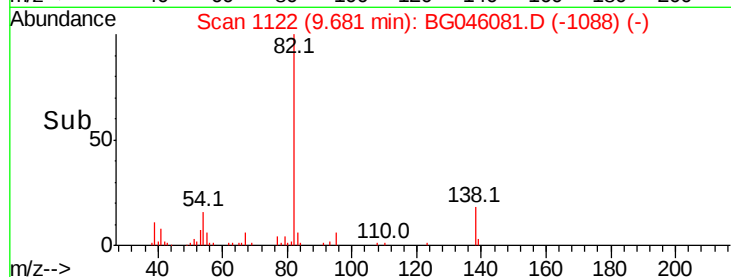
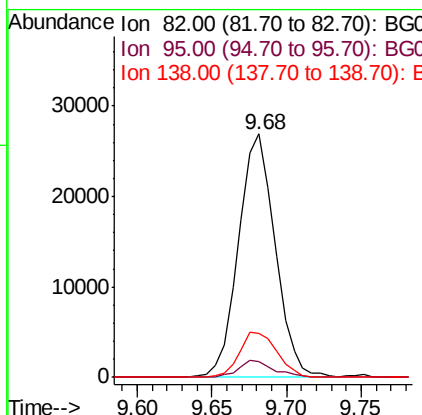
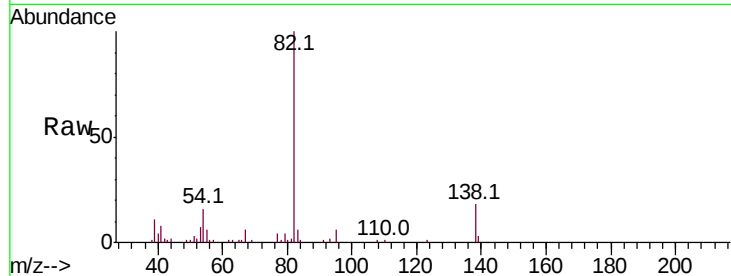
#21
Isophorone
Concen: 3.705 ng/ul
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.8	8.8
138	17.8	16.2	24.4

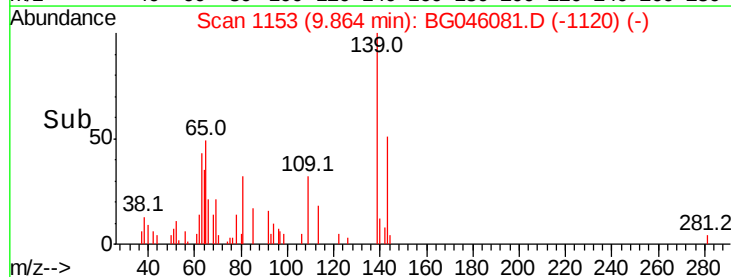
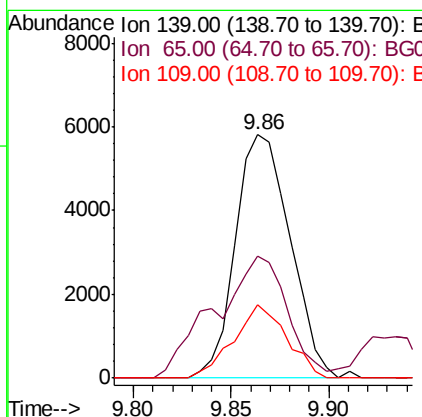
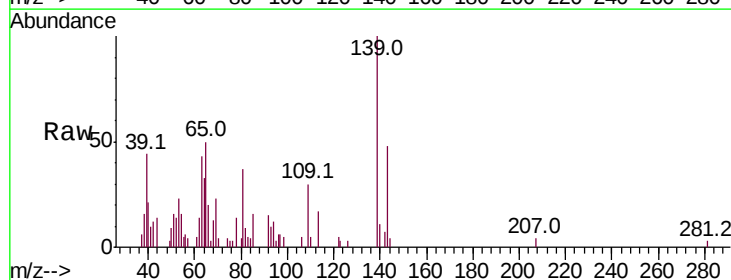
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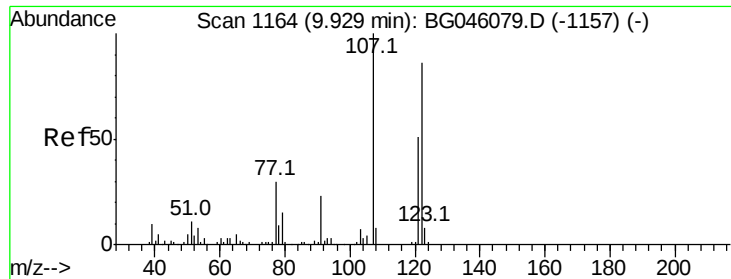
mohammad
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#23
2-Nitrophenol
Concen: 3.981 ng/ul
RT: 9.86 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
139	100		
65	49.9	37.2	55.8
109	30.0	22.4	33.6





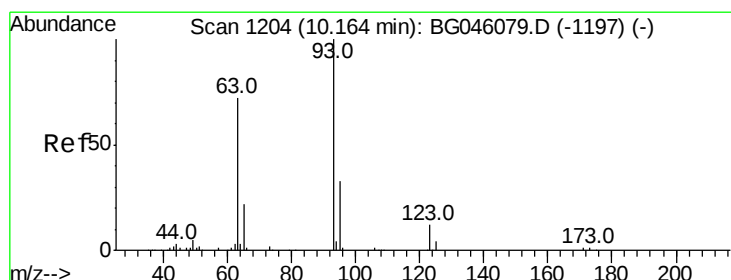
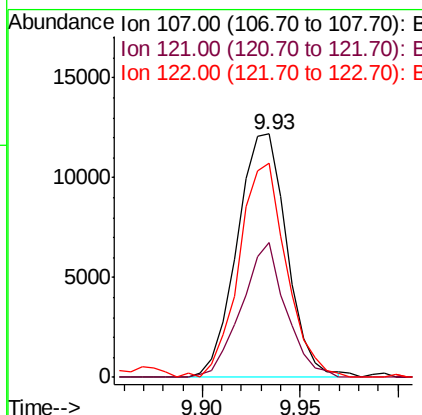
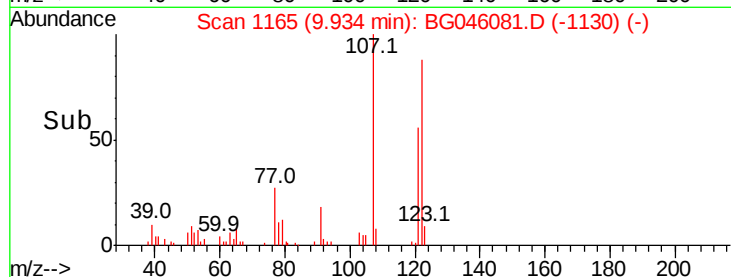
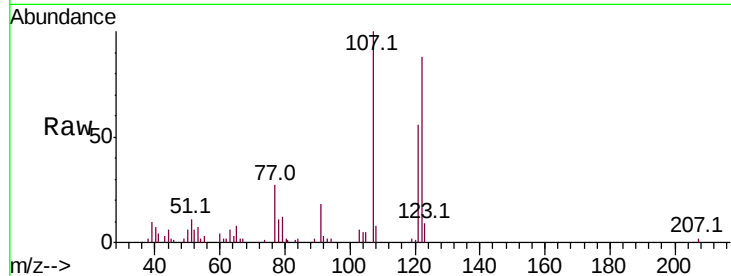
#24
 2,4-Dimethylphenol
 Concen: 3.427 ng/ul
 RT: 9.93 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
107	100		
121	55.5	40.4	60.6
122	88.2	68.2	102.4

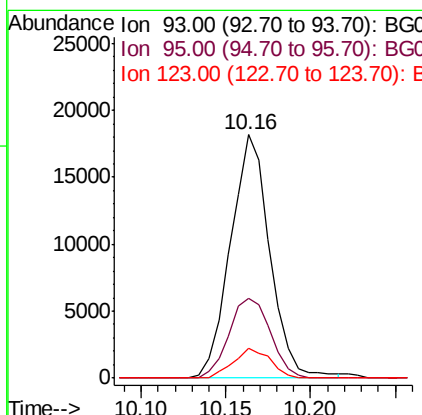
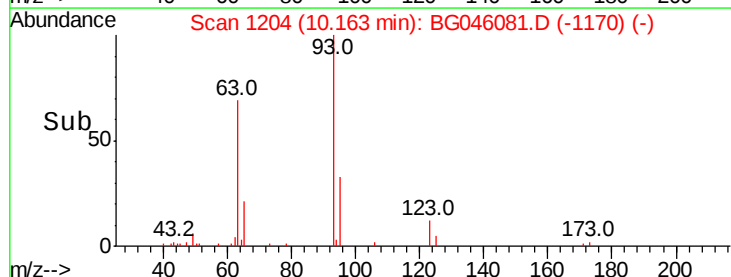
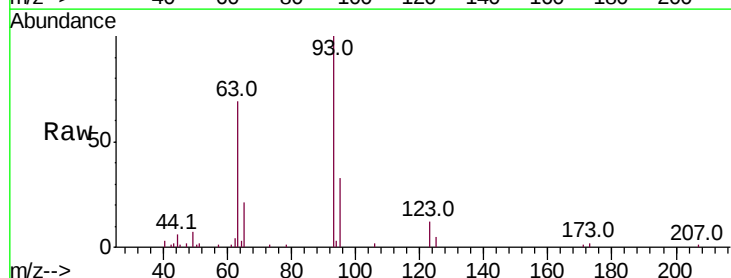
Manual Integrations
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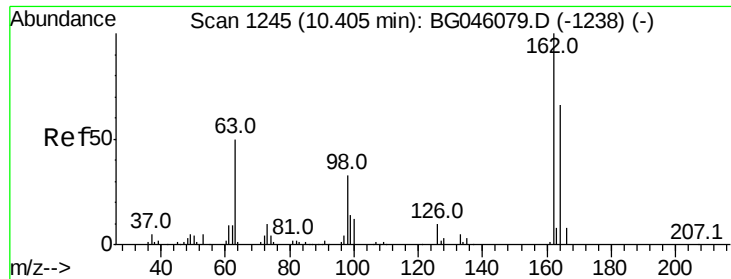
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.736 ng/ul
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.4	9.0	13.4





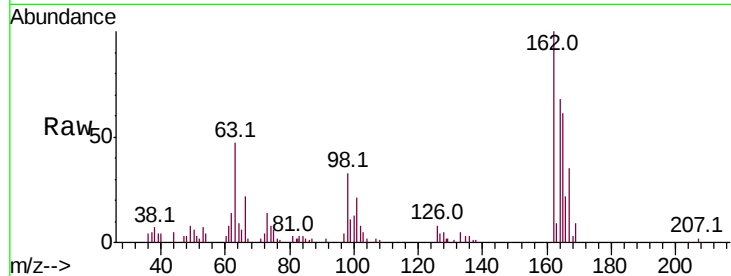
#27
2,4-Dichlorophenol
Concen: 3.950 ng/ul
RT: 10.40 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	51.0	76.4
98	32.6	23.8	35.6

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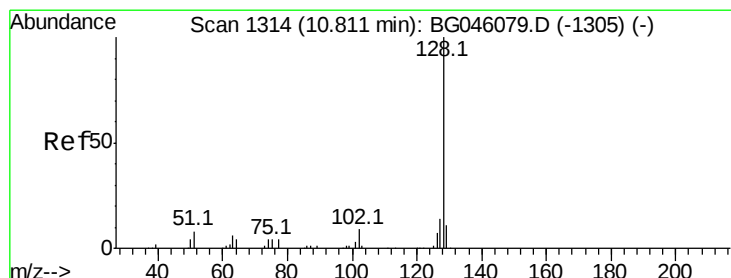
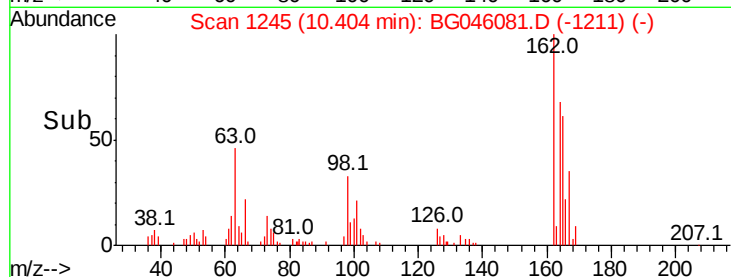
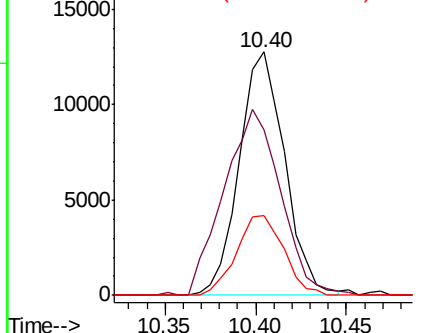


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#28
Naphthalene
Concen: 3.951 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

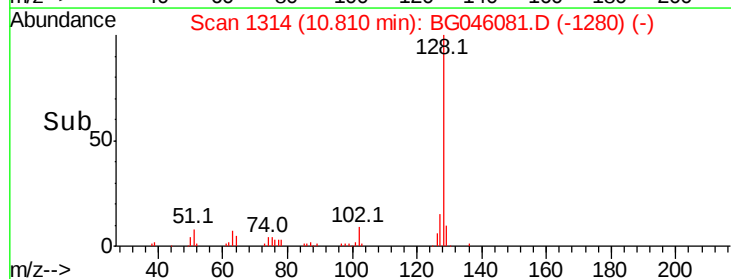
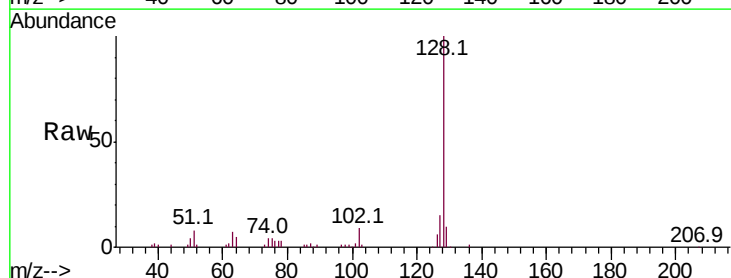
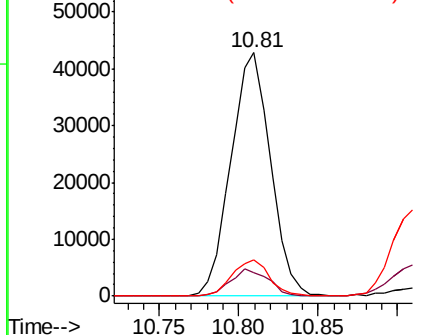
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	13.0
127	14.9	11.2	16.8

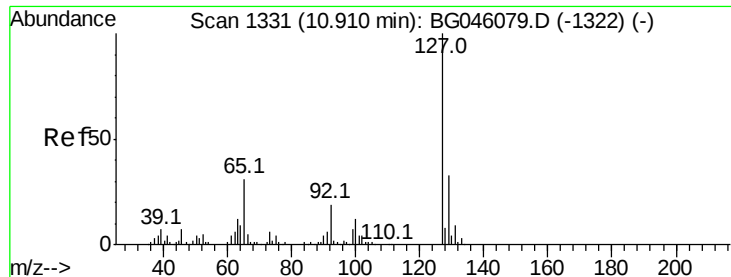
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





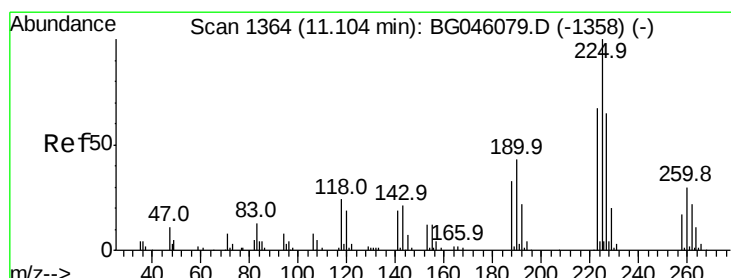
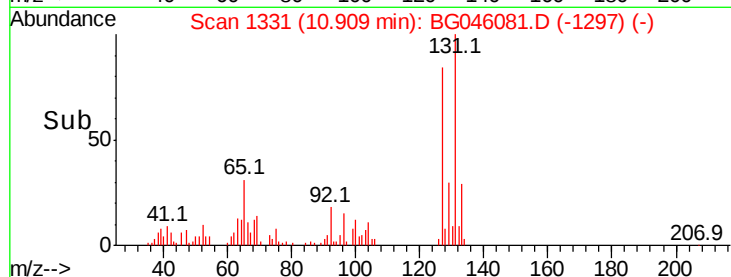
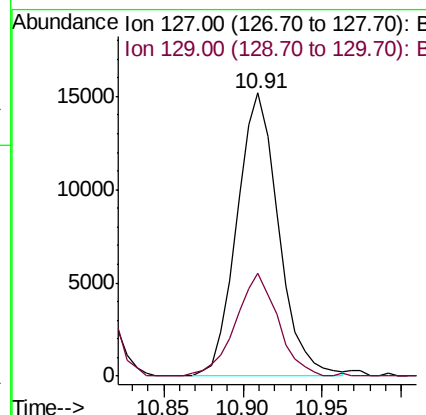
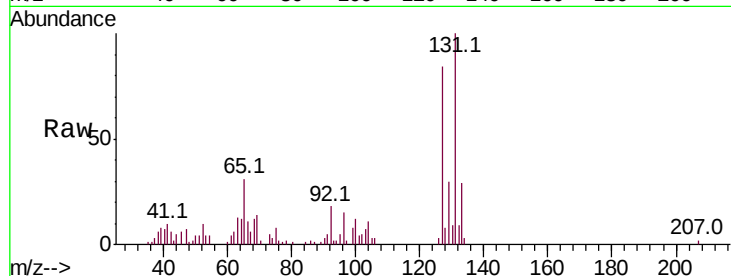
#30
4-Chloroaniline
Concen: 4.478 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.4	28.2	42.4

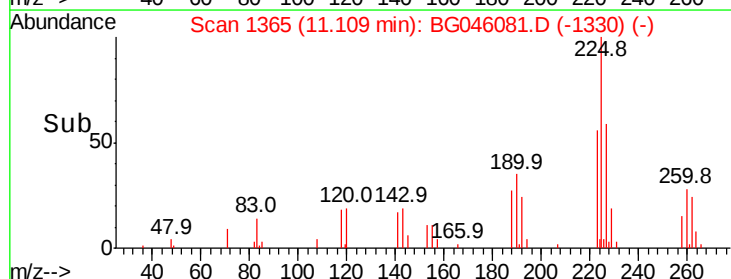
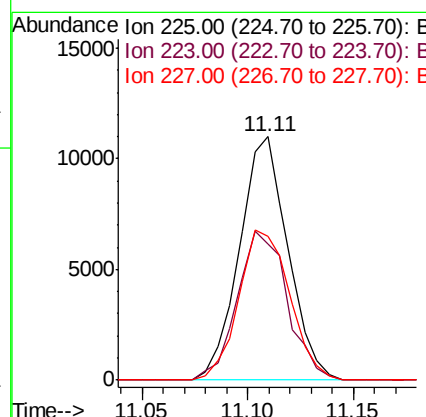
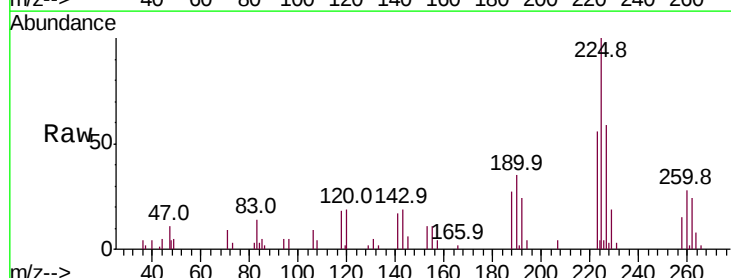
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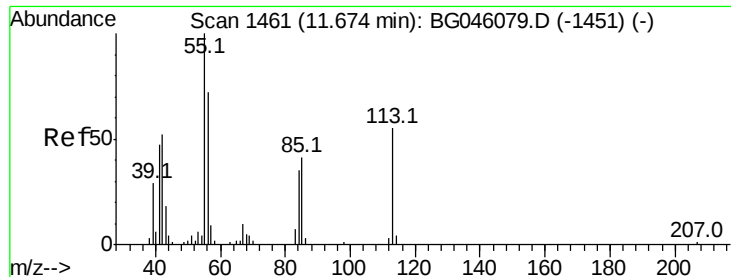
mohammad
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#31
Hexachlorobutadiene
Concen: 4.024 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.7	47.7	71.5
227	62.7	50.7	76.1





#32

Caprolactam

Concen: 3.396 ng/ul m

RT: 11.68 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

ClientSampled :

MDL-SOIL-04

Tot Ion:113 Resp: 6458

Ion Ratio Lower Upper

113 100

55 145.8 143.8 215.6

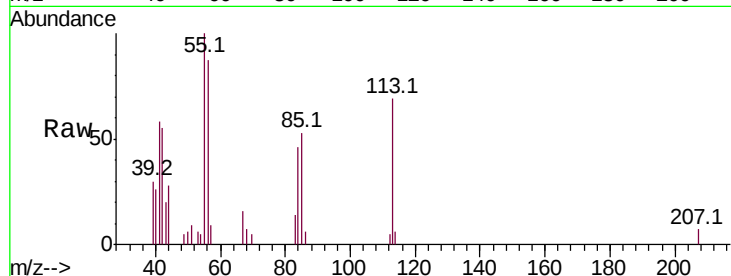
56 127.0 99.0 148.4

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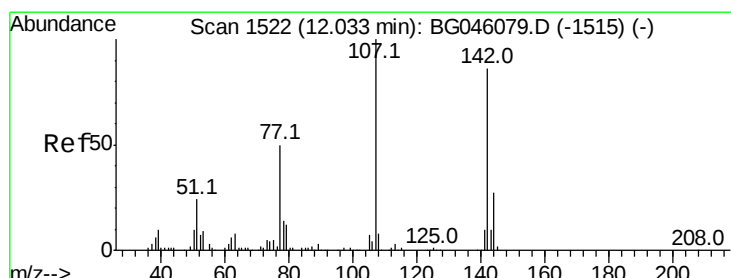
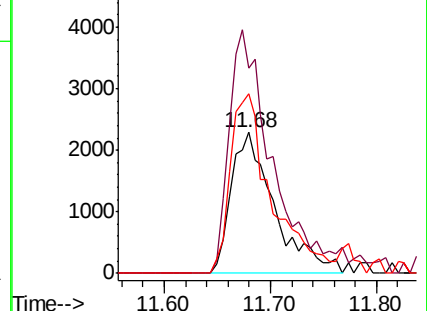
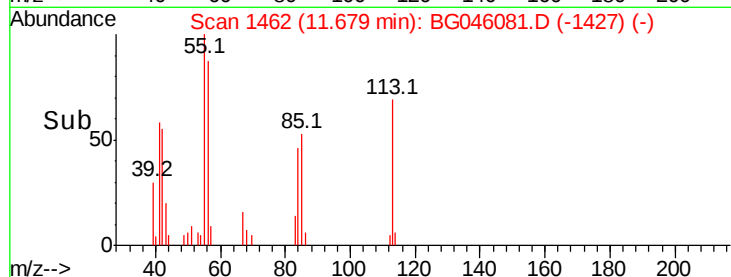
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 3.349 ng/ul

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

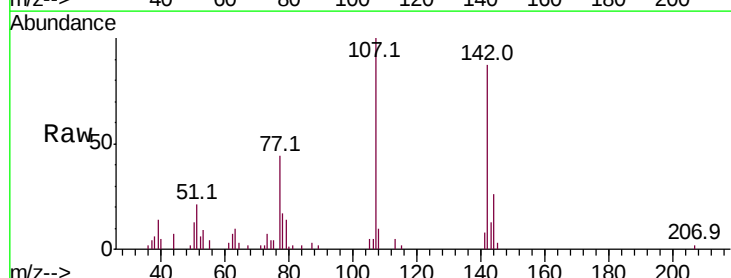
Tgt Ion:107 Resp: 19371

Ion Ratio Lower Upper

107 100

144 25.8 23.0 34.6

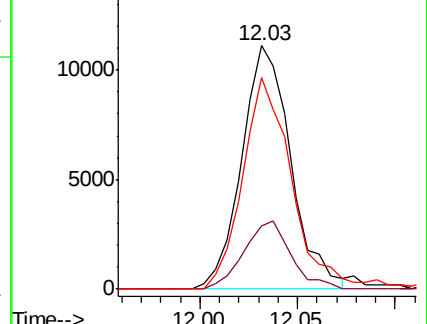
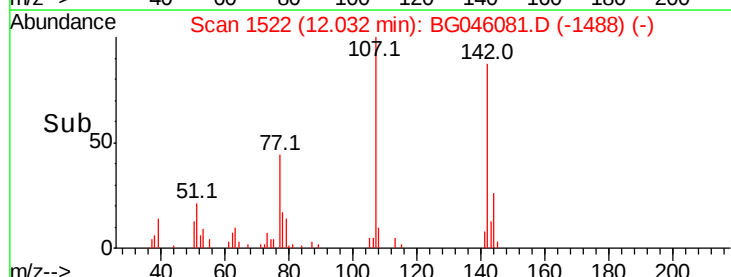
142 87.1 69.6 104.4

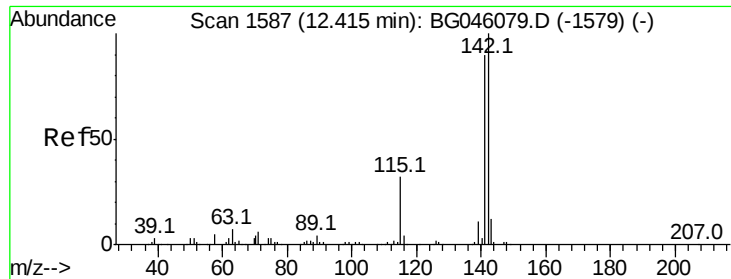


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 4.089 ng/uL

RT: 12.41 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-04

Tot Ion:142 Resp: 57652

Ion Ratio Lower Upper

142 100

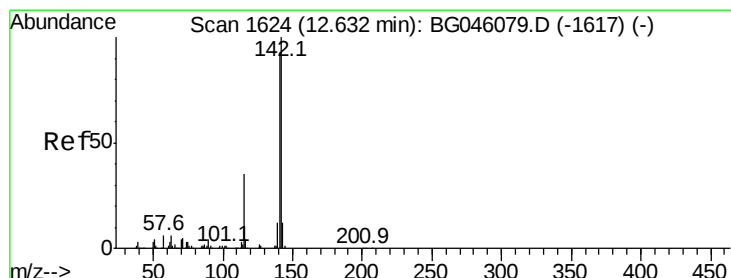
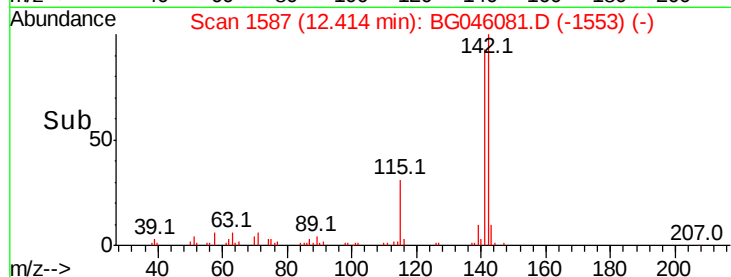
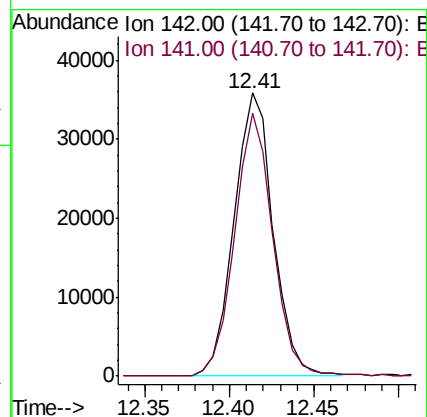
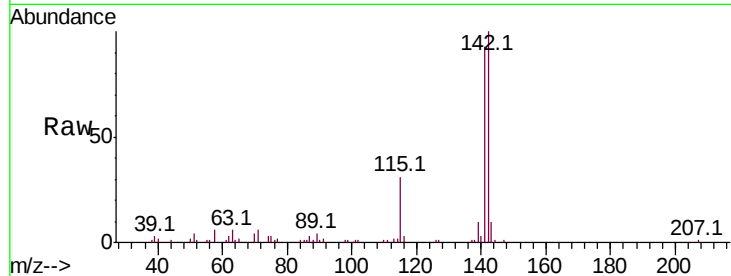
141 93.1 70.2 105.4

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#35

1-Methylnaphthalene

Concen: 4.070 ng/uL

RT: 12.63 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

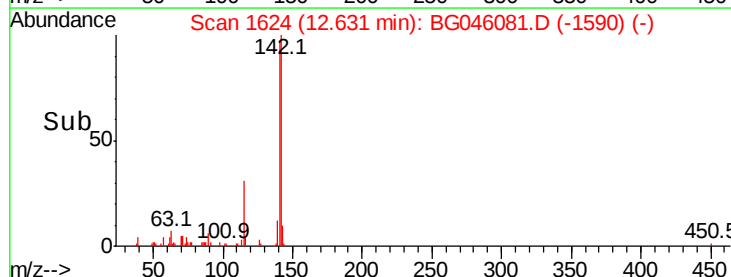
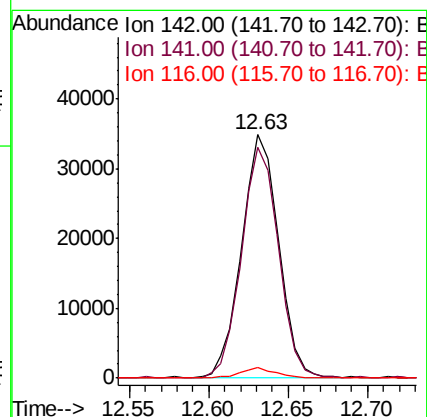
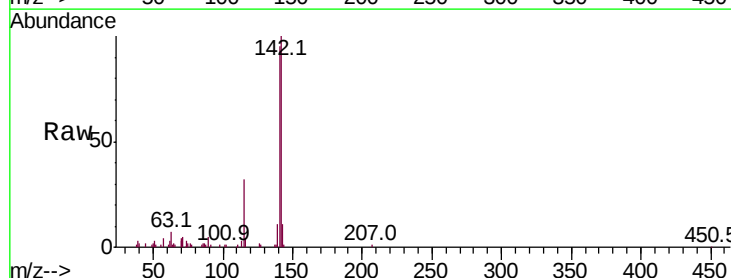
Tgt Ion:142 Resp: 56671

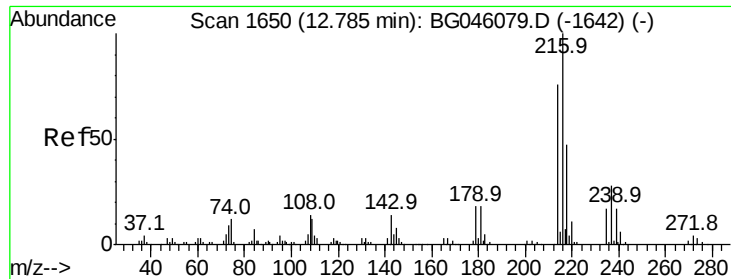
Ion Ratio Lower Upper

142 100

141 94.8 75.2 112.8

116 3.8 2.7 4.1





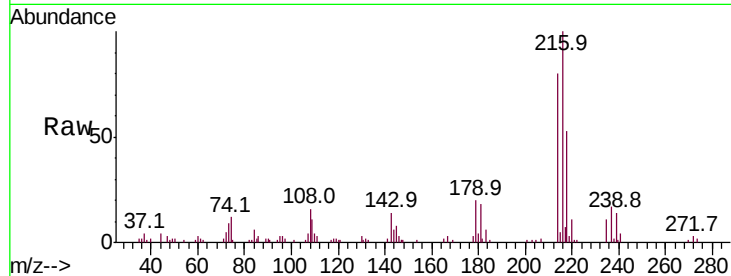
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.990 ng/ul
 RT: 12.78 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.4	95.2	
179	19.7	15.4	23.2	
108	15.9	11.6	17.4	

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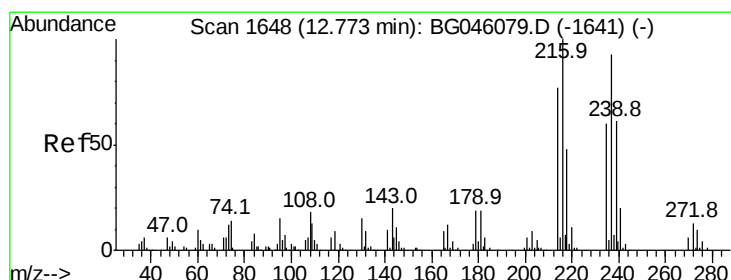
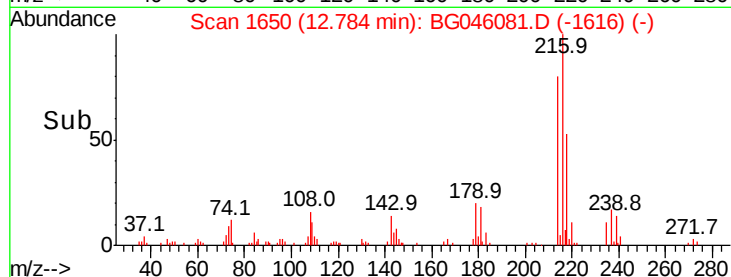
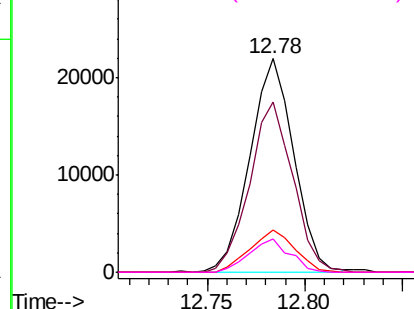
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

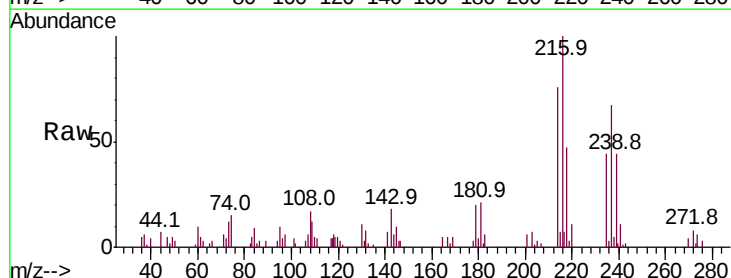
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 2.461 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.7	52.0	78.0	
272	12.7	10.0	15.0	

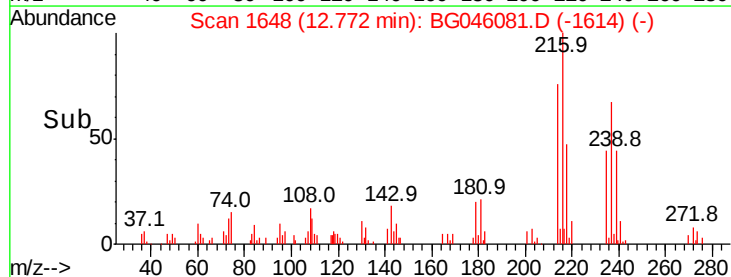
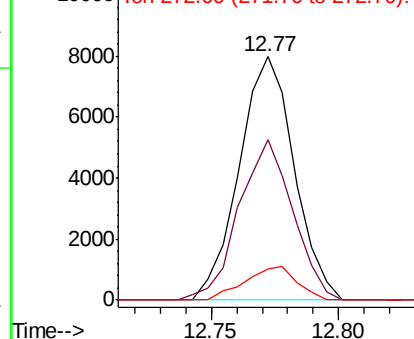


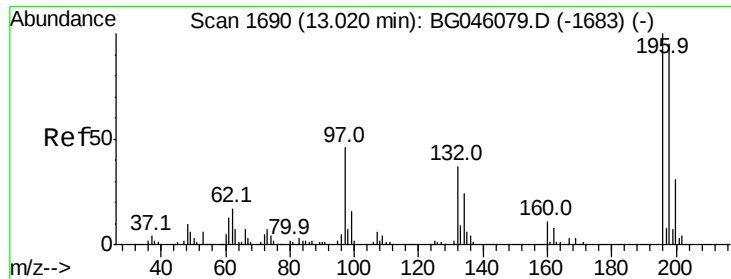
Abundance

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





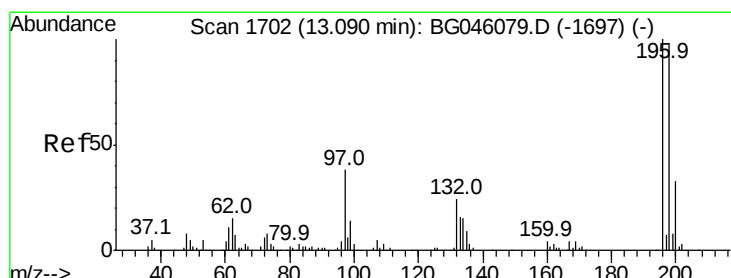
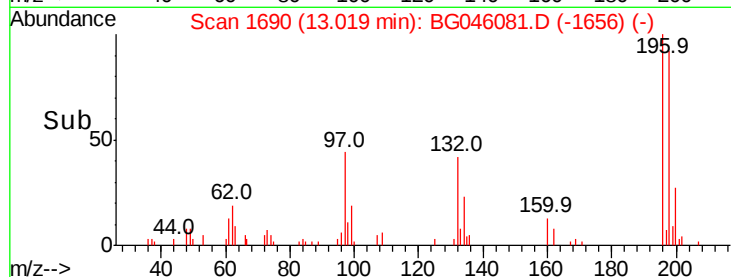
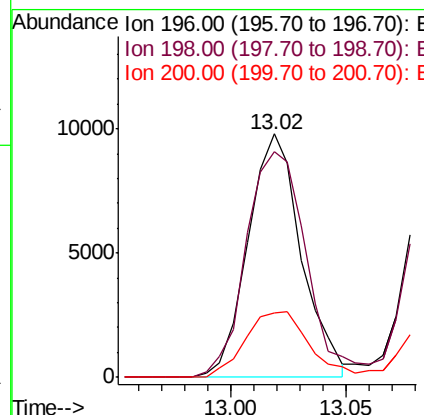
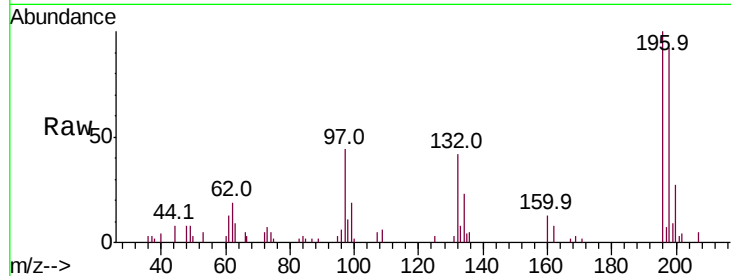
#39
 2,4,6-Trichlorophenol
 Concen: 3.151 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.8	113.6
200	26.6	25.4	38.0

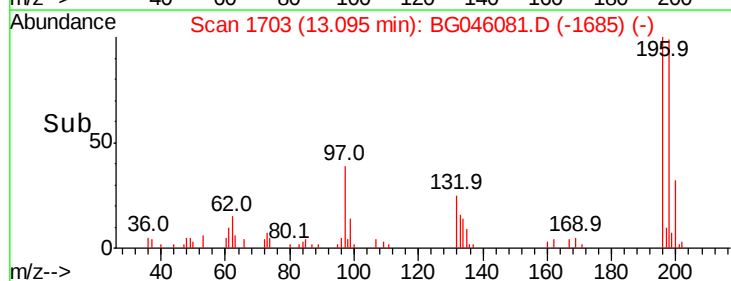
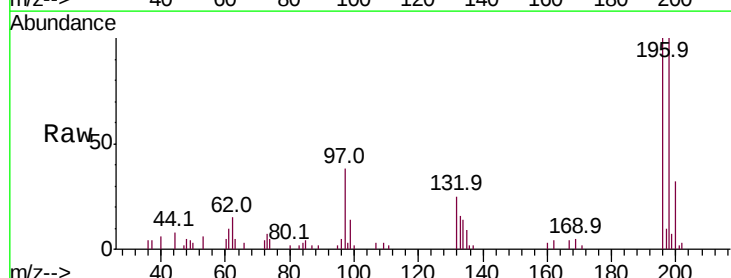
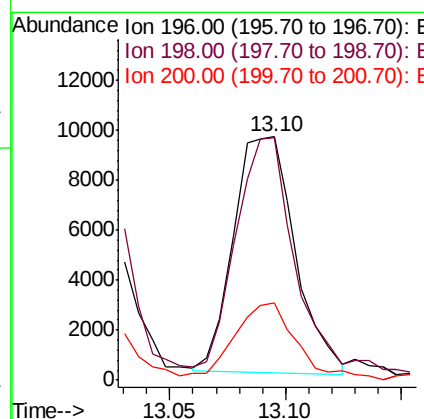
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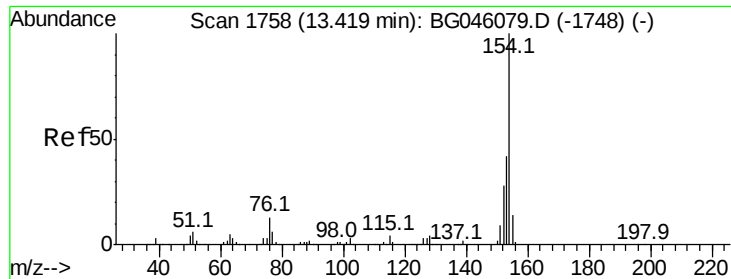
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#40
 2,4,5-Trichlorophenol
 Concen: 3.233 ng/ul
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	75.2	112.8
200	31.5	25.8	38.6





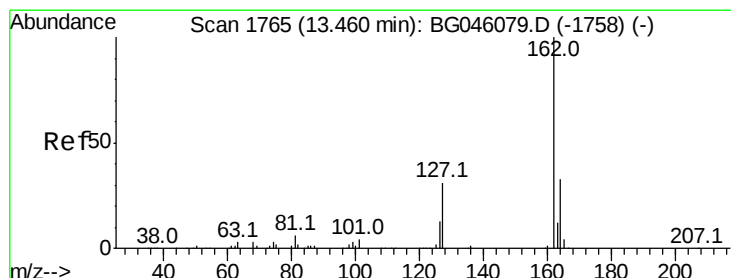
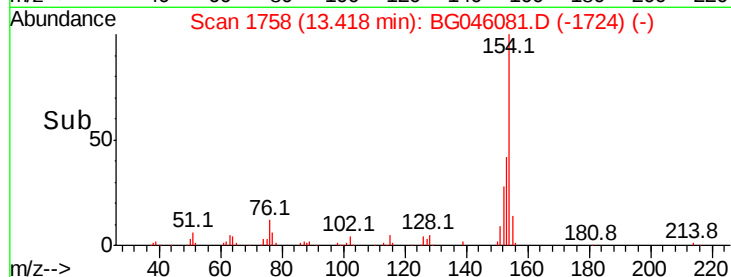
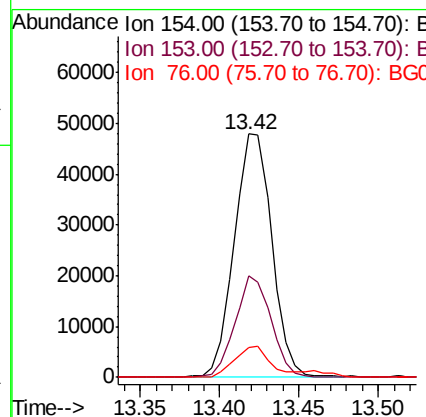
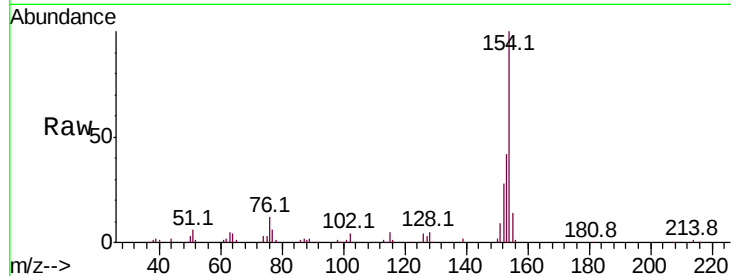
#41
 1,1'-Biphenyl
 Concen: 4.126 ng/ul
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:	154	Resp:	78906
Ion Ratio	Lower	Upper	
154	100		
153	41.8	31.9	47.9
76	12.3	9.3	13.9

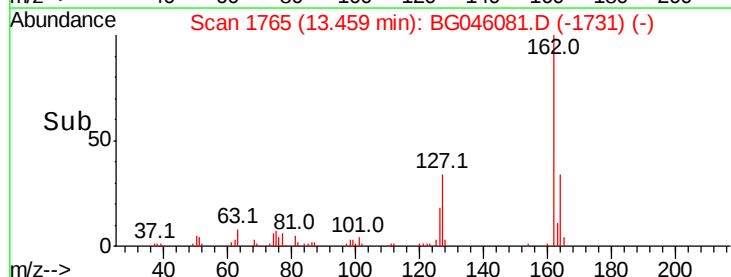
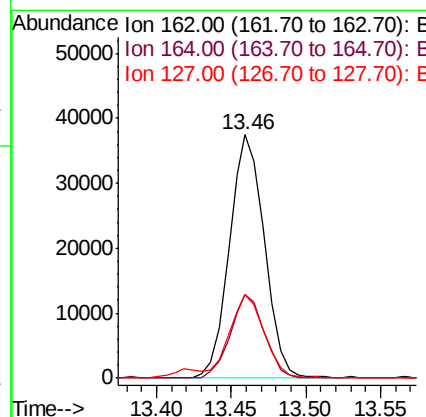
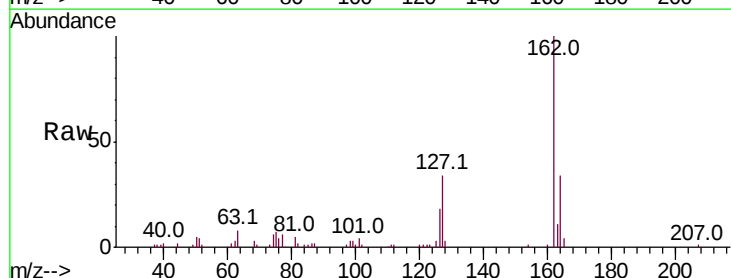
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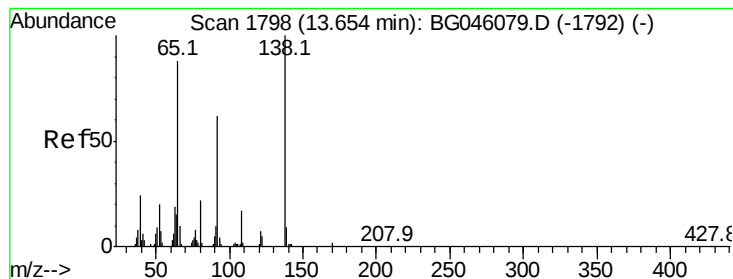
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#42
 2-Chloronaphthalene
 Concen: 4.019 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion:	162	Resp:	61325
Ion Ratio	Lower	Upper	
162	100		
164	34.1	26.2	39.2
127	34.5	27.3	40.9





#43

2-Nitroaniline

Concen: 3.620 ng/ul

RT: 13.65 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

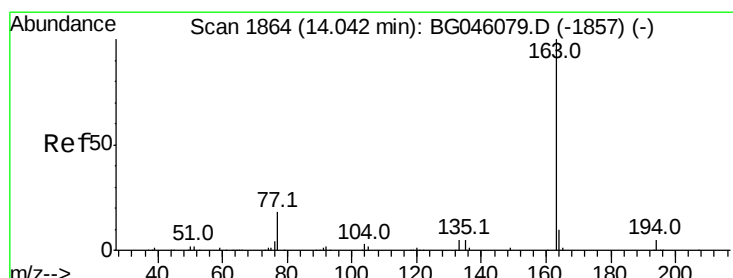
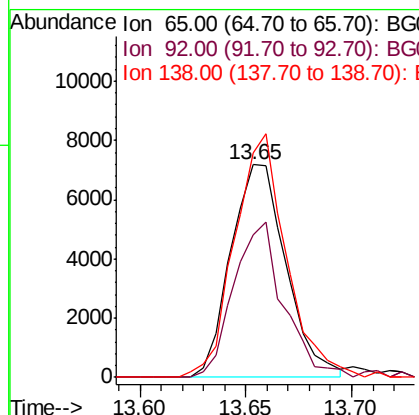
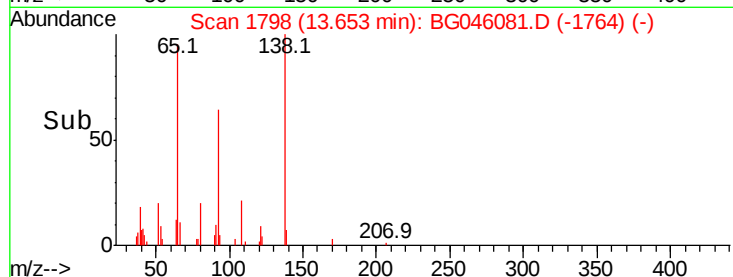
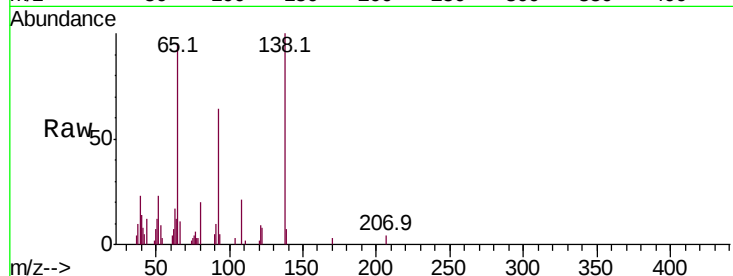
ClientSampleId :

MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	58.0	87.0
138	105.4	92.9	139.3

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#45

Dimethylphthalate

Concen: 4.139 ng/ul

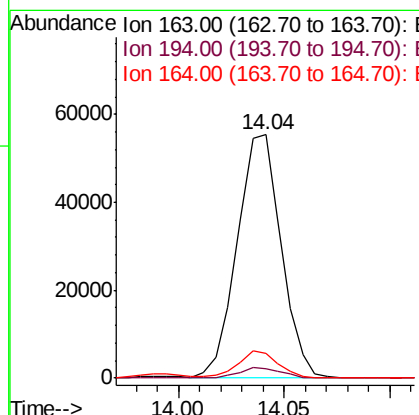
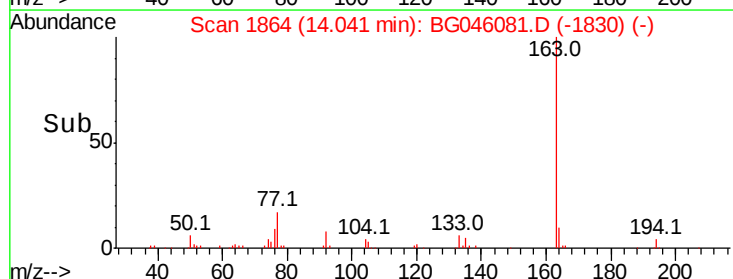
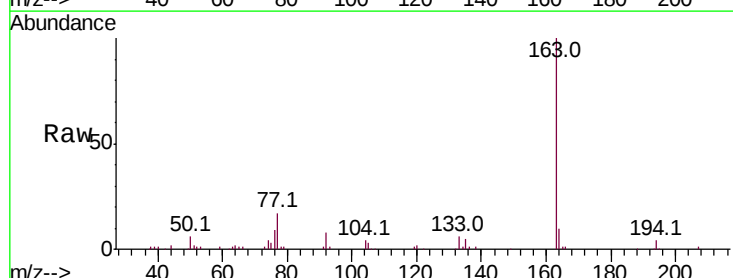
RT: 14.04 min Scan# 1864

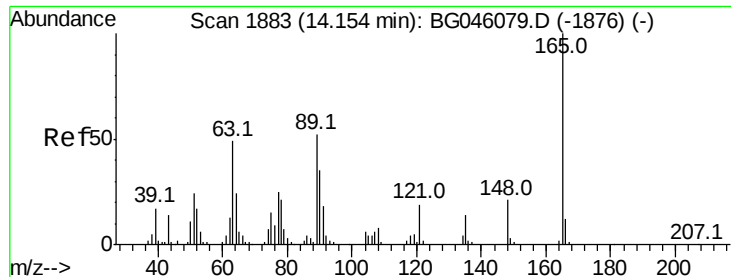
Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	8.7	13.1





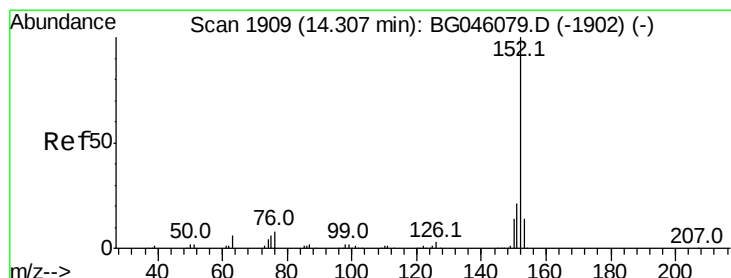
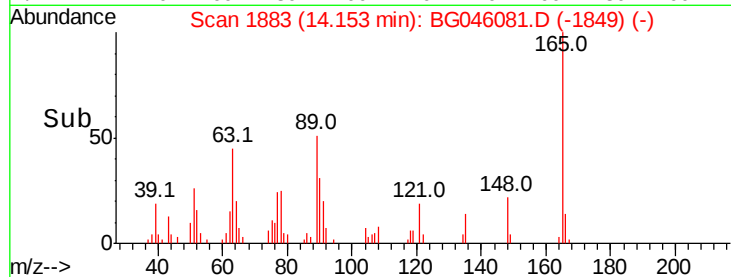
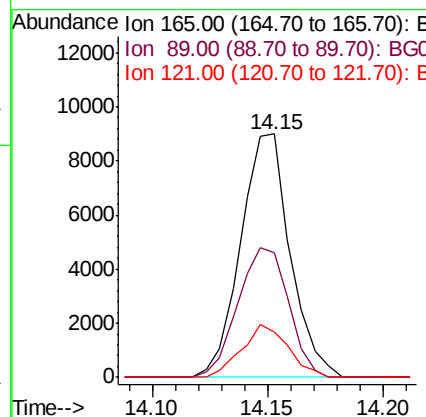
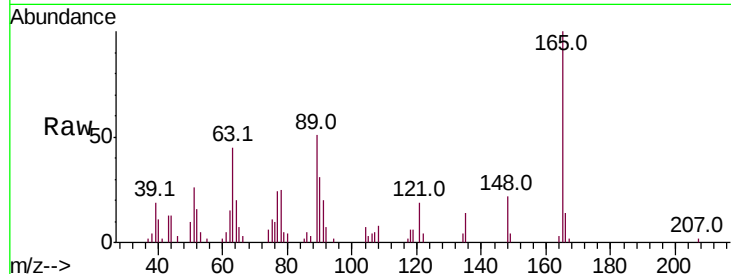
#46
 2,6-Dinitrotoluene
 Concen: 3.647 ng/ul
 RT: 14.15 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion:	165	Resp:	13446
Ion Ratio	Lower	Upper	
165	100		
89	51.0	42.2	63.4
121	18.8	16.0	24.0

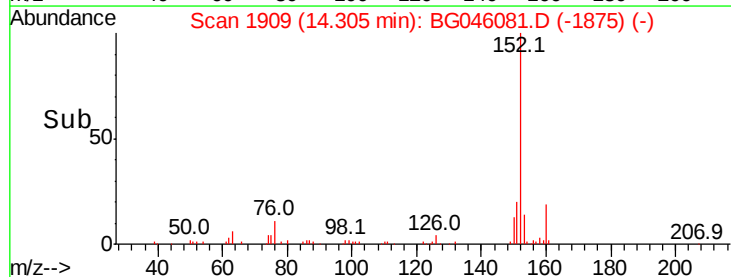
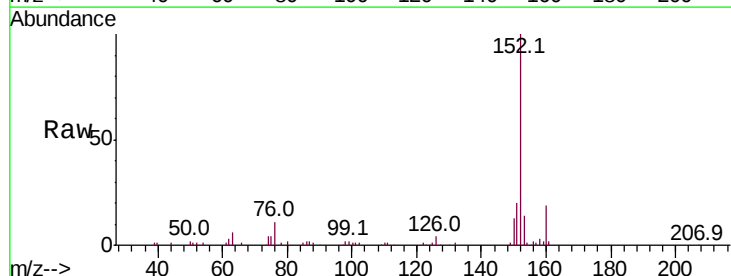
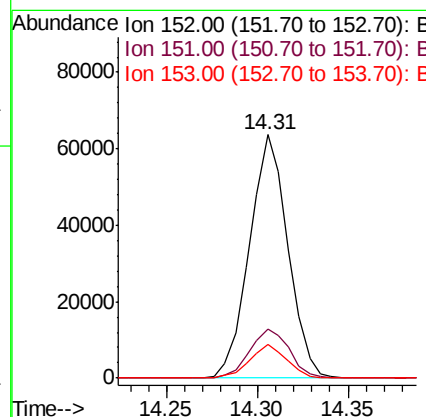
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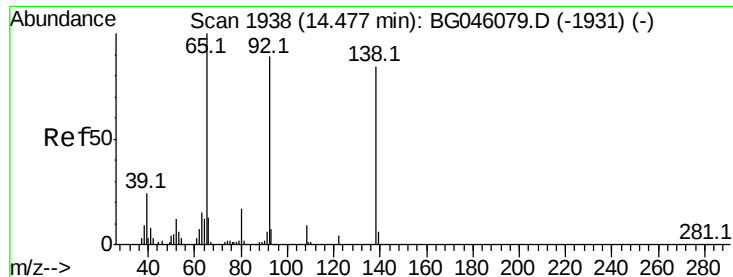
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#48
 Acenaphthylene
 Concen: 4.030 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion:	152	Resp:	94340
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.5	24.7
153	14.0	11.0	16.6





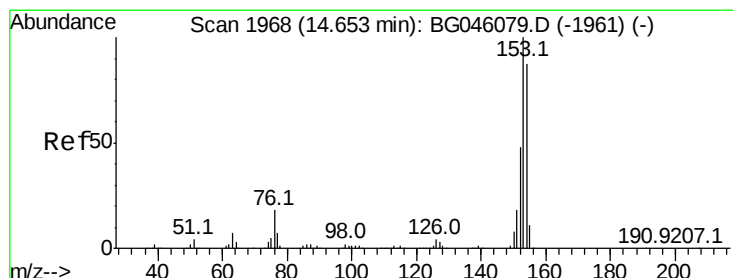
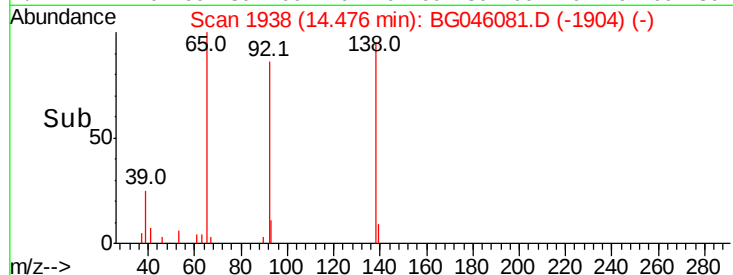
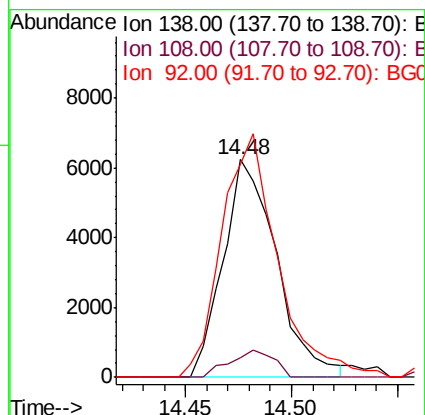
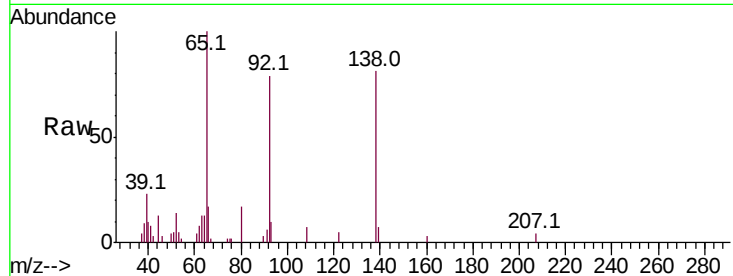
#49
3-Nitroaniline
Concen: 3.141 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	98.0	89.9	134.9

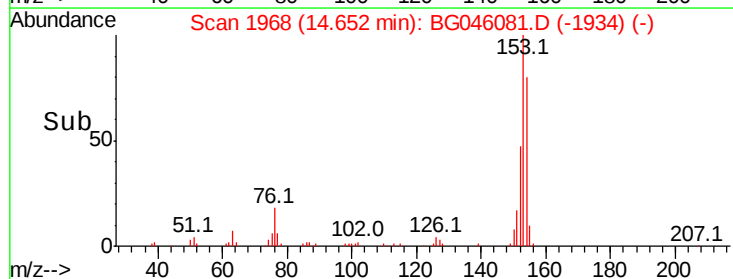
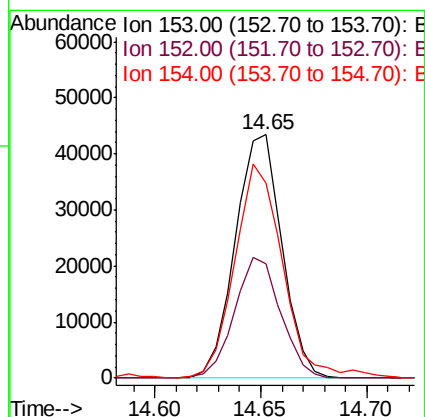
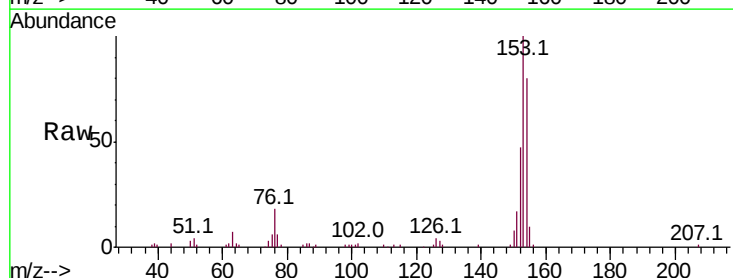
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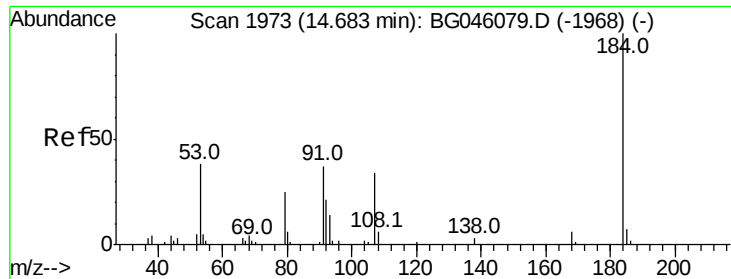
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#50
Acenaphthene
Concen: 3.947 ng/ul
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	39.0	58.4
154	79.8	70.7	106.1





#51

2,4-Dinitrophenol

Concen: 2.691 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

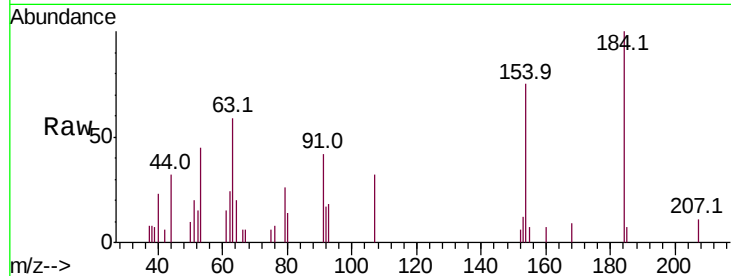
ClientSampleId :

MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.7	35.7	53.5#
154	75.3	47.5	71.3#

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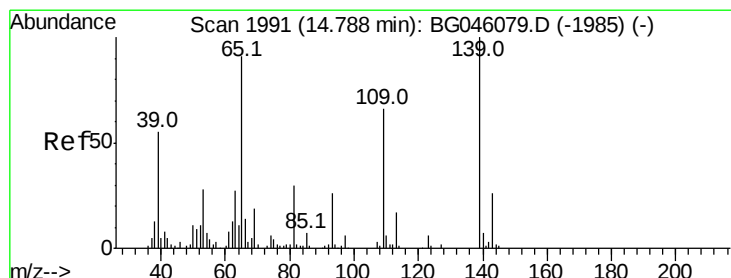
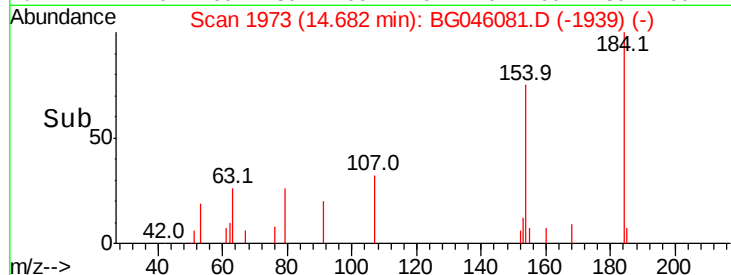
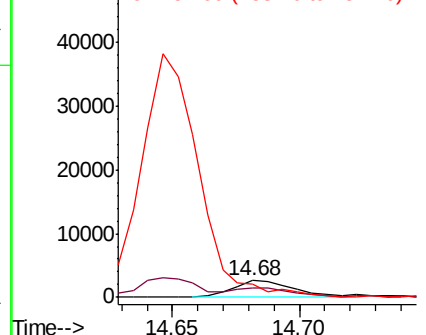


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 3.496 ng/ul

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

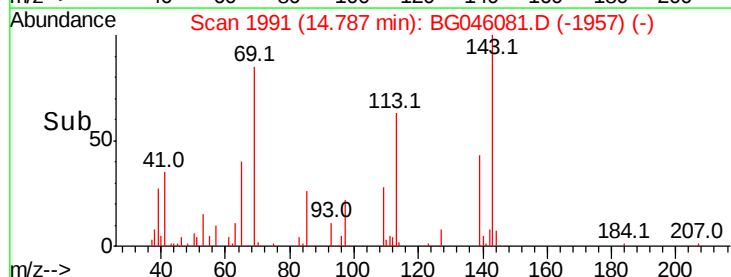
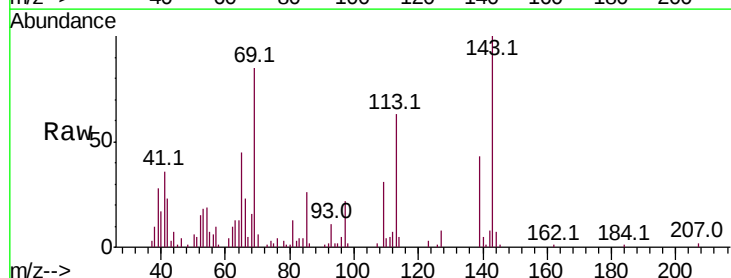
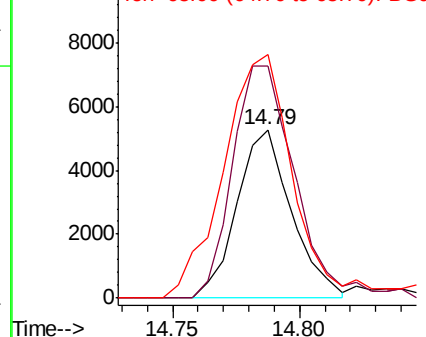
Tgt Ion	Ratio	Lower	Upper
109	100		
139	137.8	120.2	180.2
65	144.6	99.6	149.4

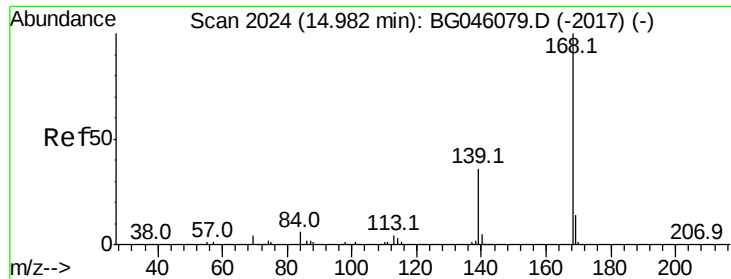
Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





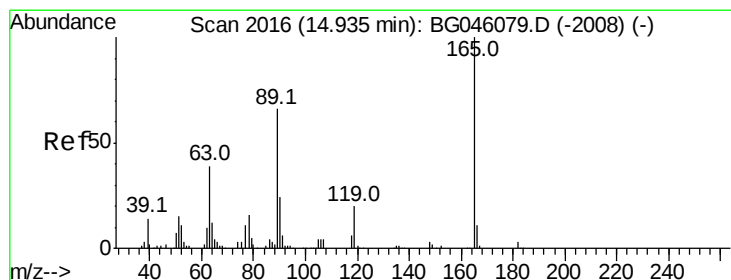
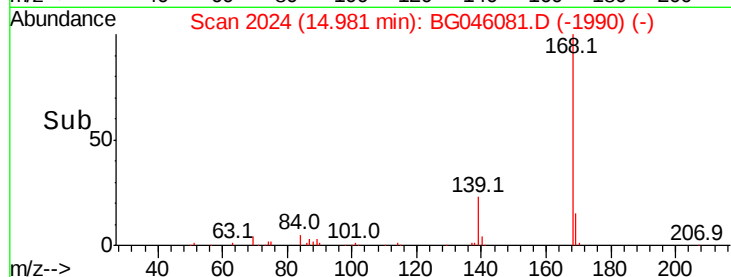
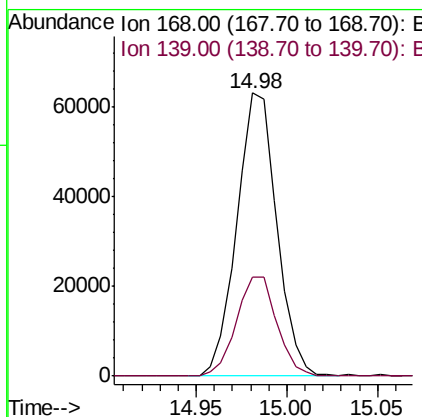
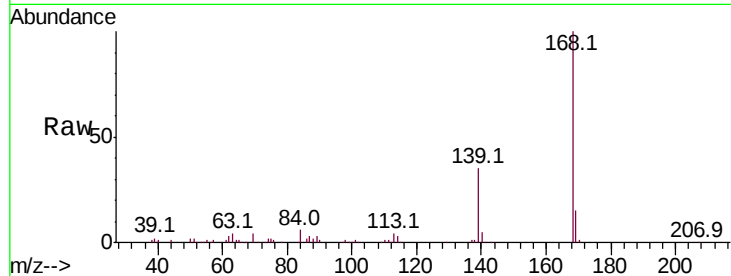
#54
Dibenzofuran
Concen: 4.190 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion:168 Resp: 96309
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5

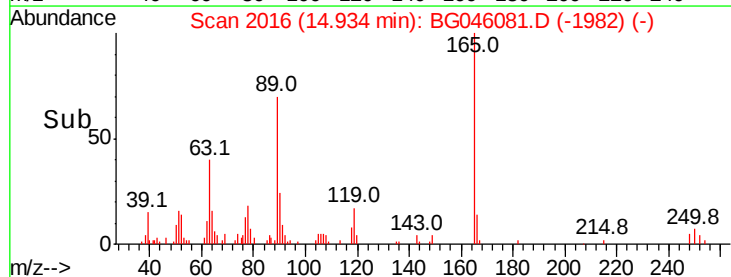
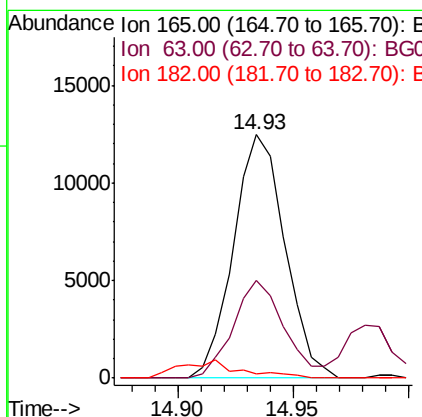
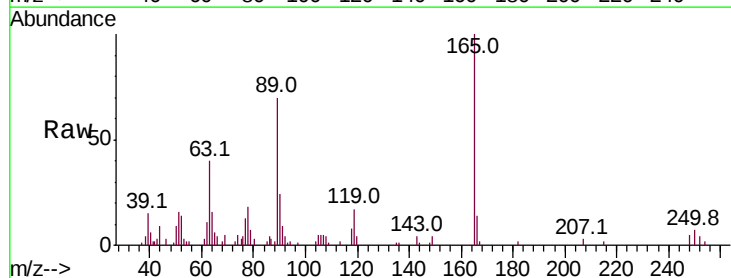
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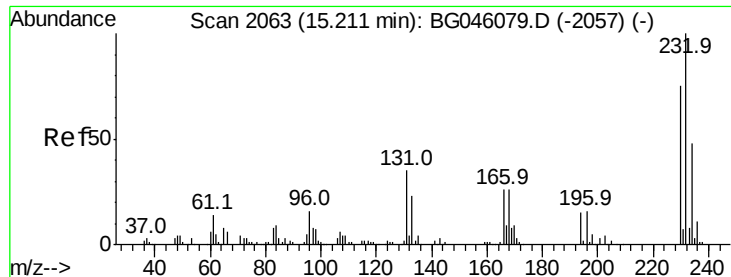
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#55
2,4-Dinitrotoluene
Concen: 3.687 ng/ul
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion:165 Resp: 19360
Ion Ratio Lower Upper
165 100
63 40.3 29.4 44.0
182 1.7 2.4 3.6#





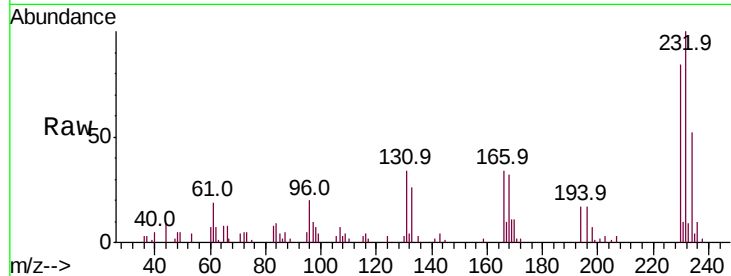
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.547 ng/ul
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.0	30.6	46.0
130	3.2	1.8	2.6
166	34.3	23.4	35.2

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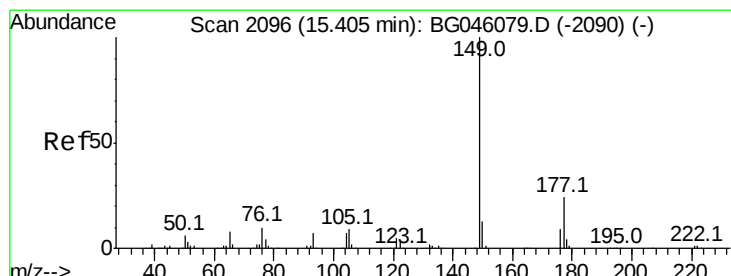
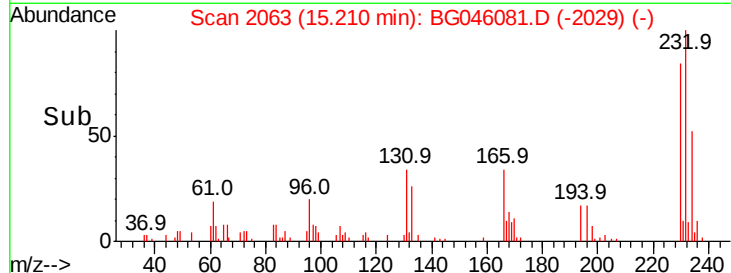
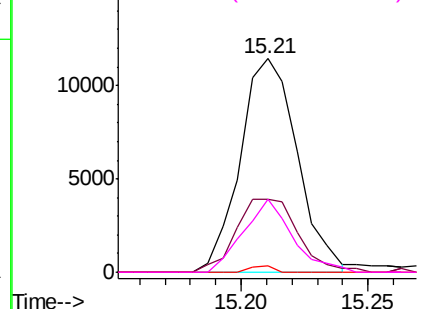
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

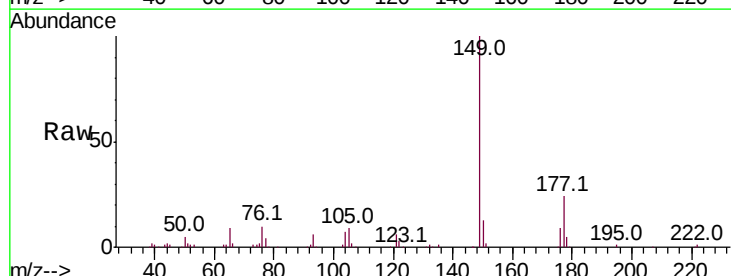
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 4.029 ng/ul
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.6
150	12.6	9.6	14.4

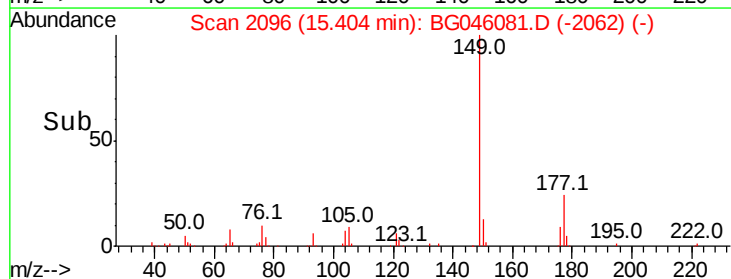
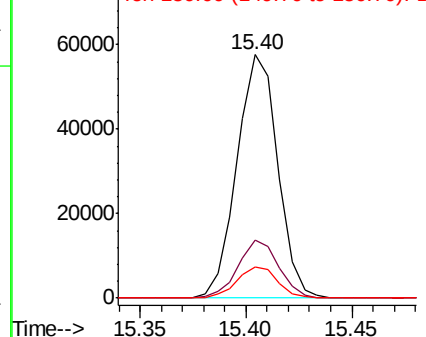


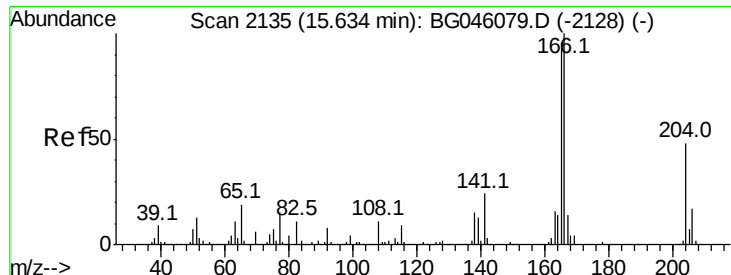
Abundance

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





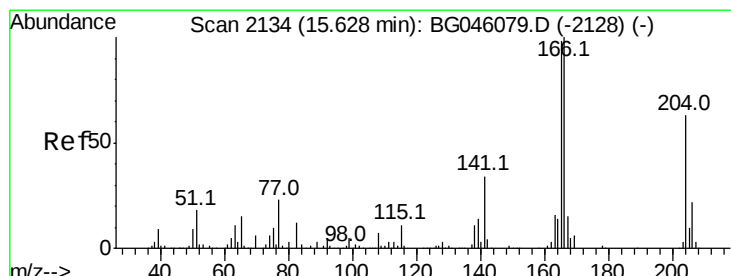
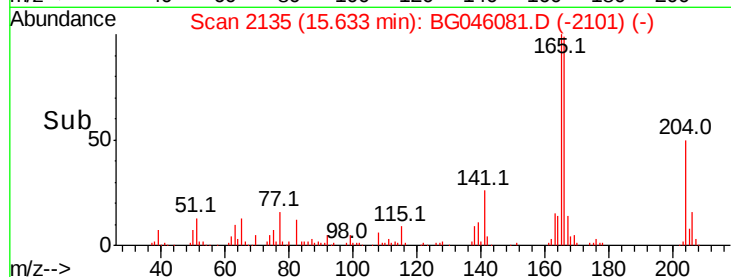
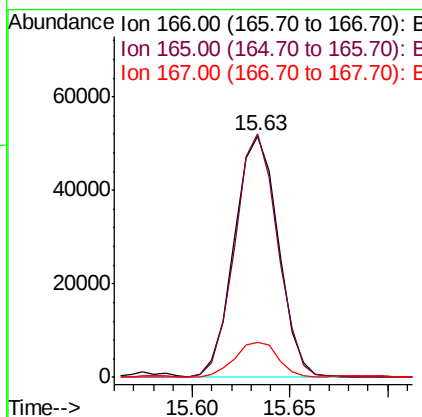
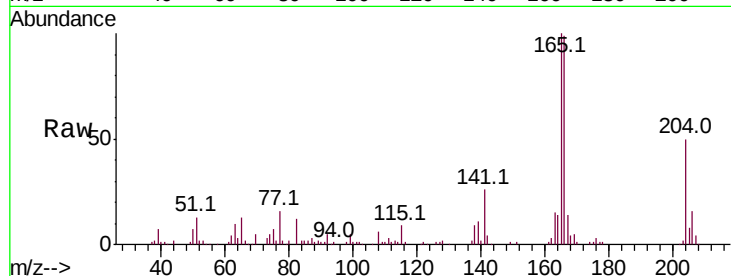
#59
Fluorene
 Concen: 4.116 ng/ul
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.8	75.3	112.9	
167	14.3	11.0	16.4	

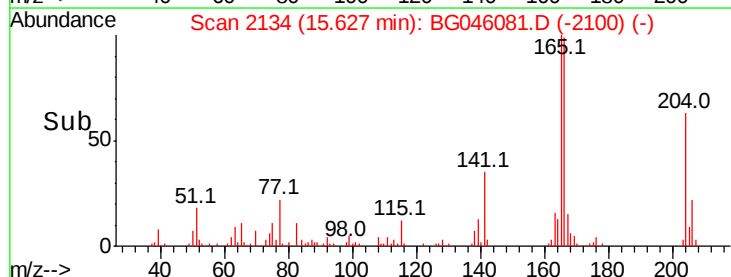
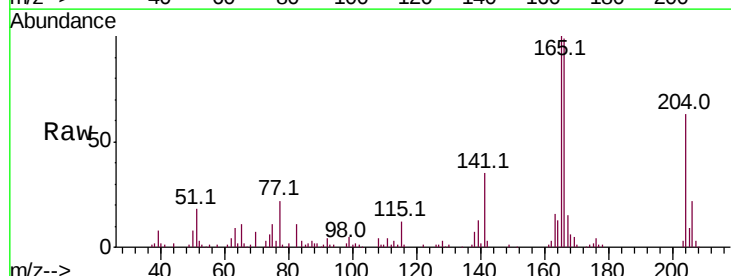
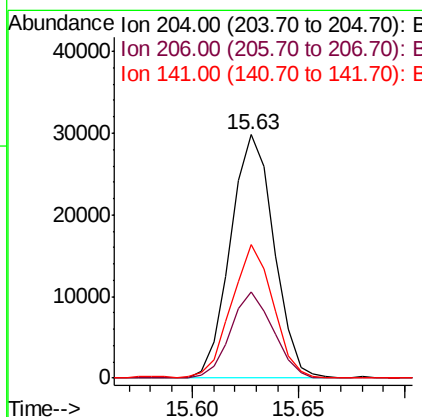
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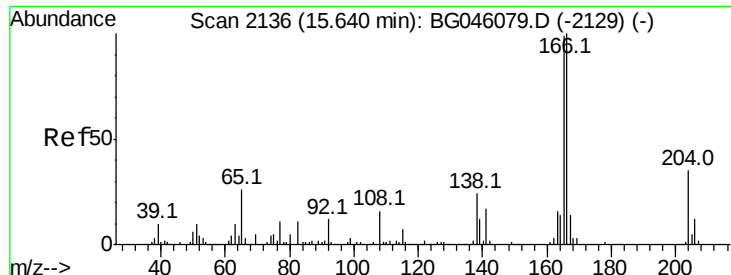
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#60
4-Chlorophenyl-phenylether
 Concen: 4.150 ng/ul
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.6	28.2	42.2	
141	54.7	44.6	66.8	





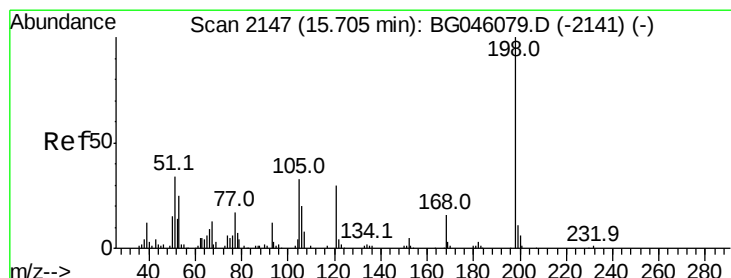
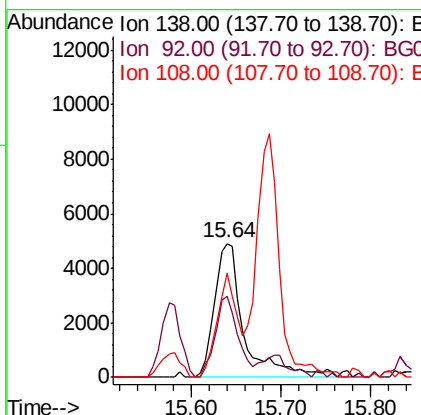
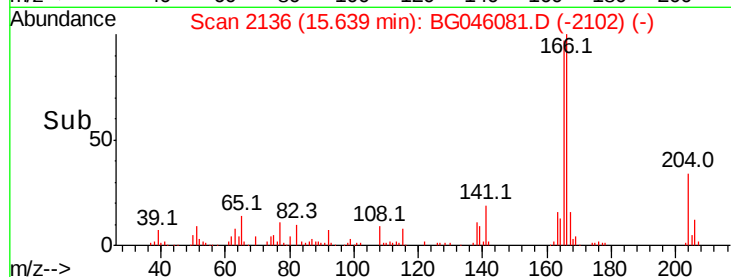
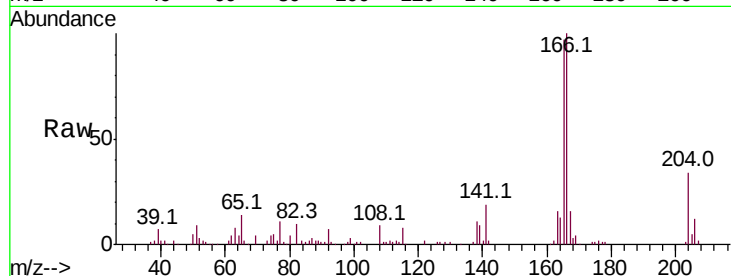
#61
4-Nitroaniline
Concen: 2.920 ng/ul m
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	60.2	40.0	60.0#	
108	78.1	53.1	79.7	

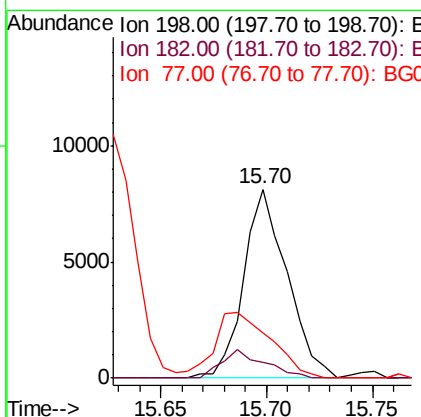
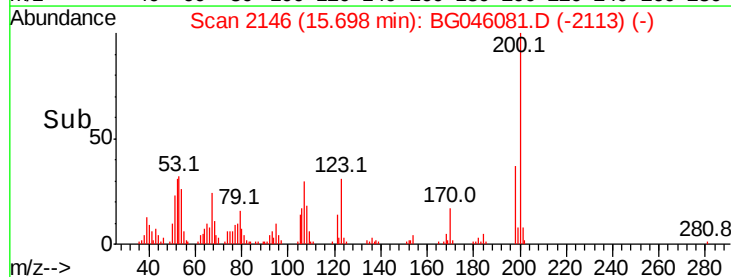
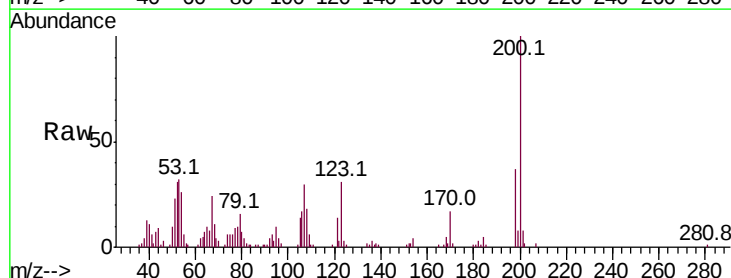
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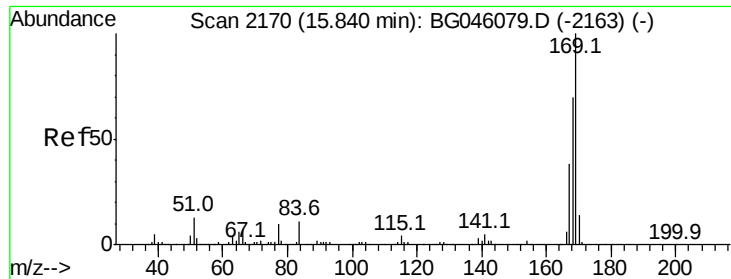
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.716 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
182	8.5	3.3	4.9#	
77	23.9	15.4	23.0#	





#65

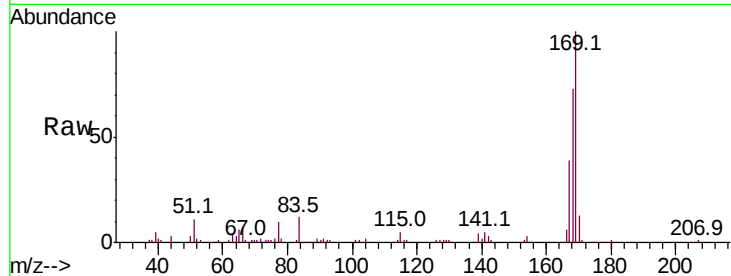
N-Nitrosodiphenylamine
 Concen: 3.953 ng/ul
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

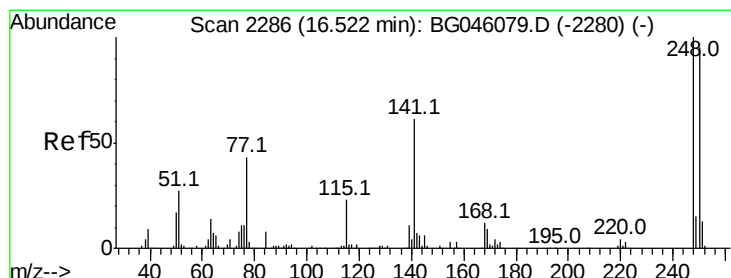
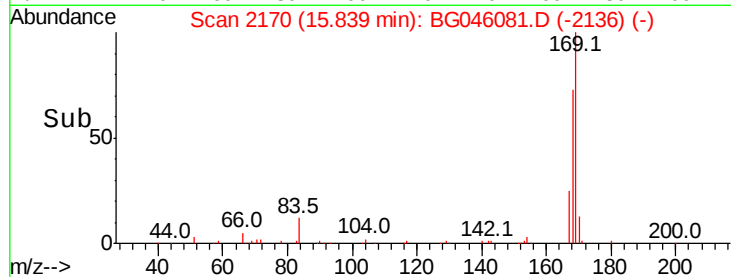
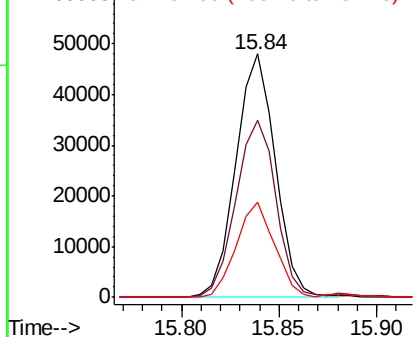
Tot Ion	Ratio	Lower	Upper
169	100		
168	72.6	55.8	83.8
167	39.3	30.1	45.1

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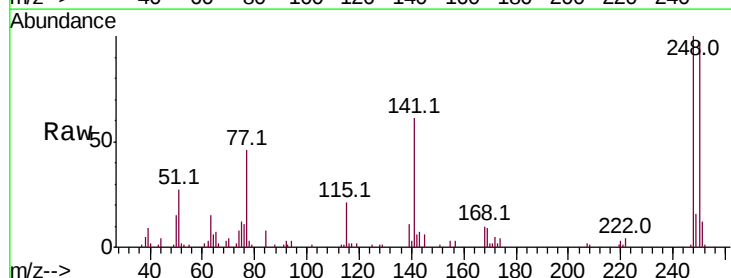
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



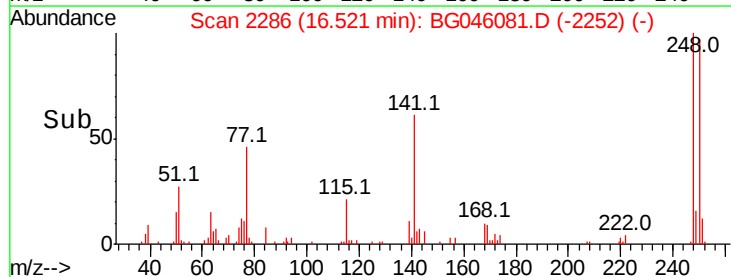
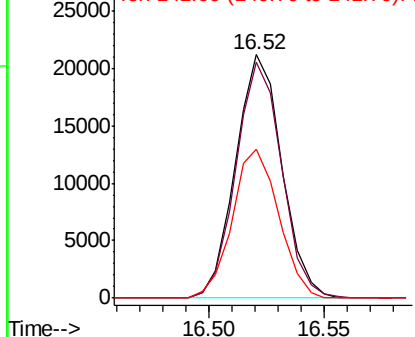
#66

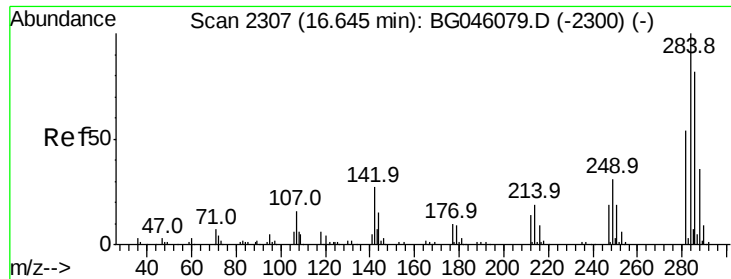
4-Bromophenyl-phenylether
 Concen: 4.077 ng/ul
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	73.2	109.8
141	61.4	49.1	73.7



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.995 ng/ul

RT: 16.64 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

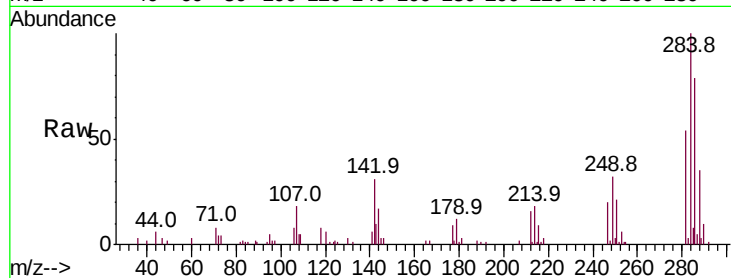
ClientSampleId :

MDL-SOIL-04

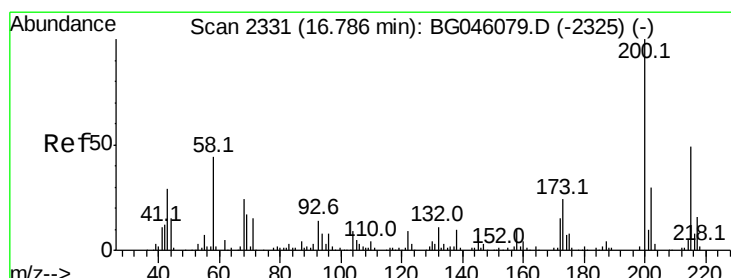
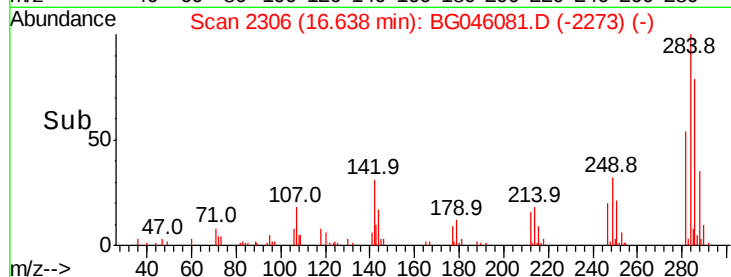
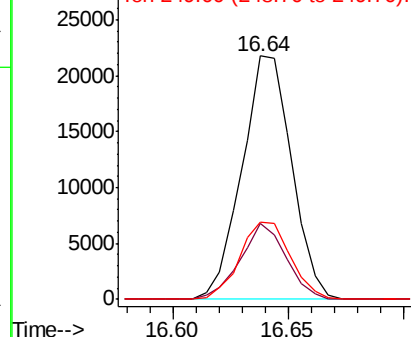
Tot Ion:	284	Resp:	32776
Ion Ratio	Lower	Upper	
284	100		
142	31.0	21.8	32.6
249	31.9	24.8	37.2

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Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.976 ng/ul

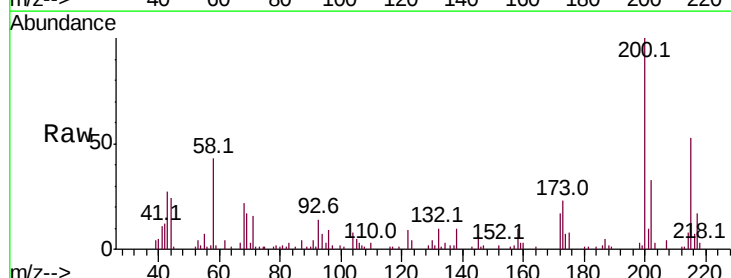
RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

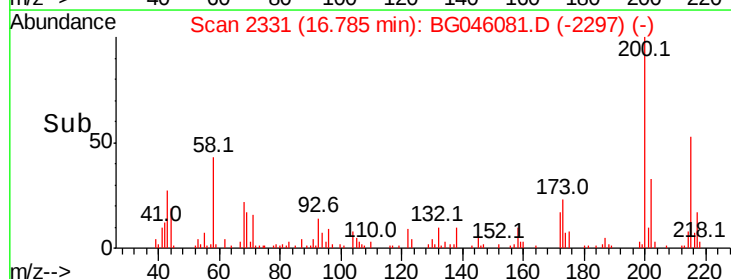
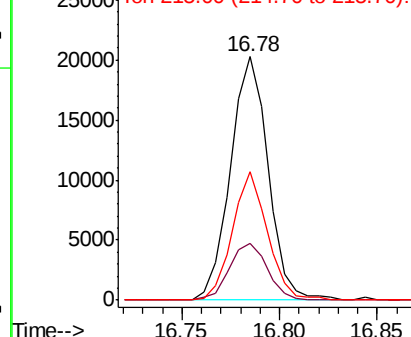
Lab File: BG046081.D

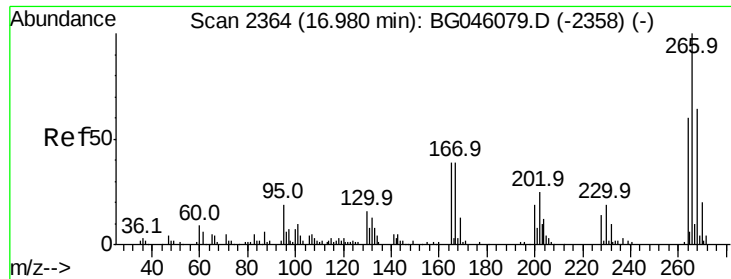
Acq: 27 Jul 2020 10:17

Tgt Ion:	200	Resp:	27034
Ion Ratio	Lower	Upper	
200	100		
173	23.1	19.0	28.6
215	52.6	42.6	63.8



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





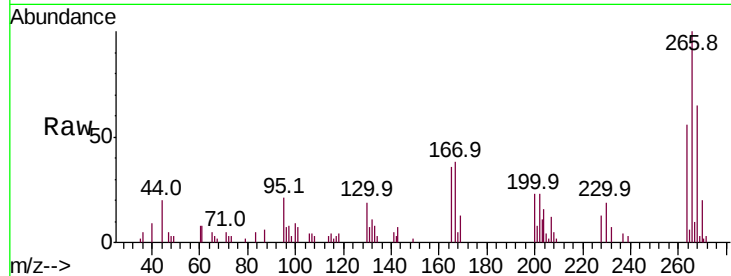
#69
 Pentachlorophenol
 Concen: 3.001 ng/ul m
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

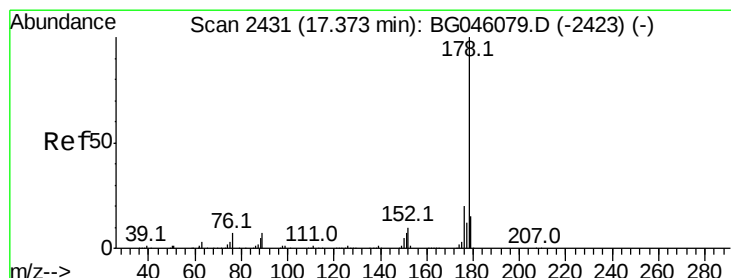
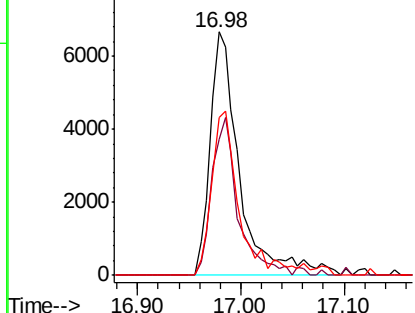
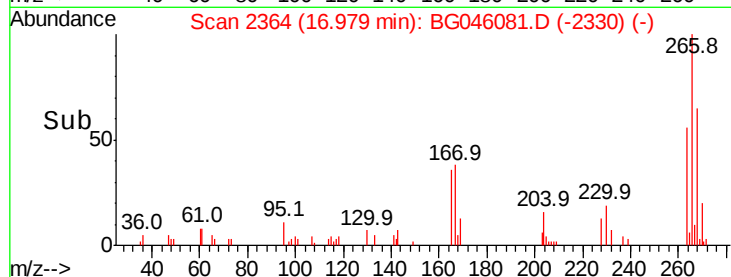
Tot Ion	Ratio	Lower	Upper
266	100		
264	55.9	51.3	76.9
268	64.9	53.8	80.6

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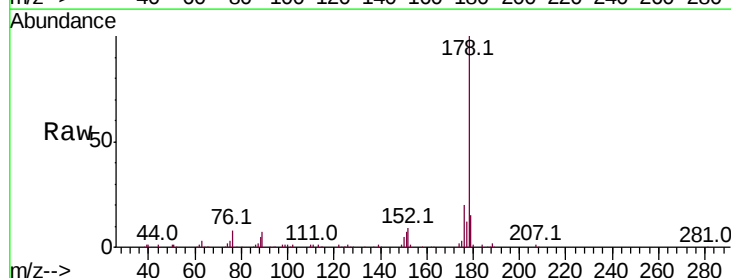


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

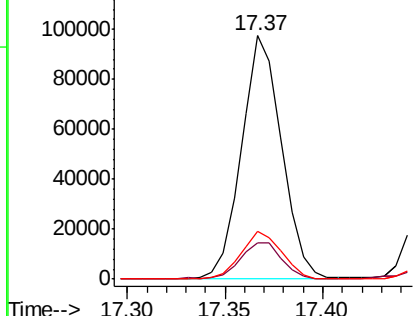
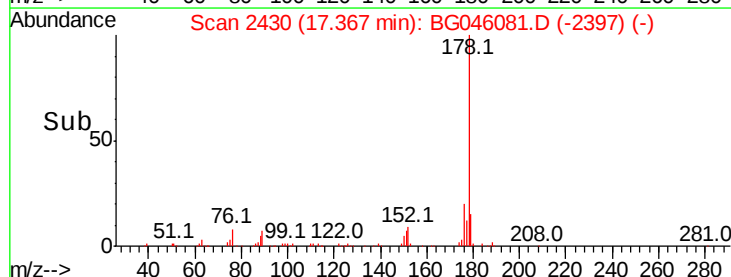


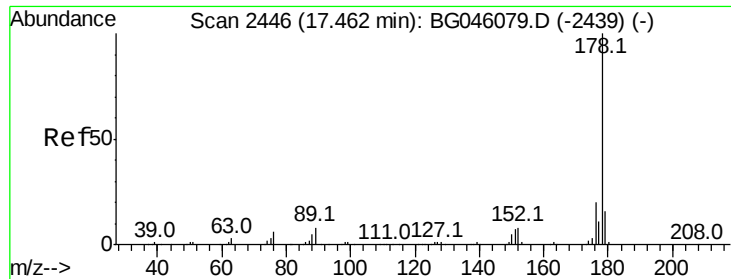
#70
 Phenanthrene
 Concen: 4.241 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	13.0	19.6
176	19.6	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: 4.127 ng/uL

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

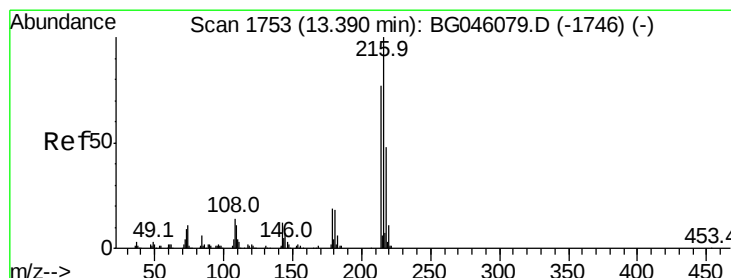
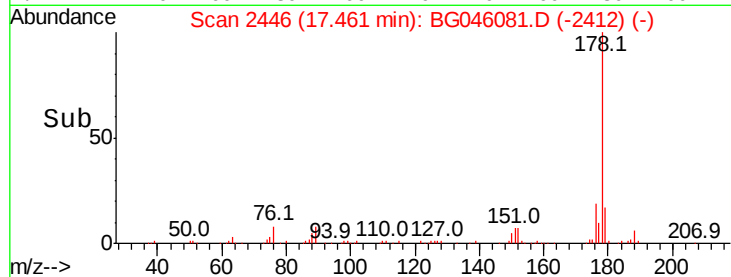
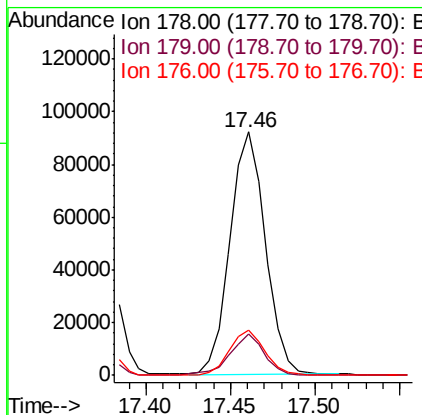
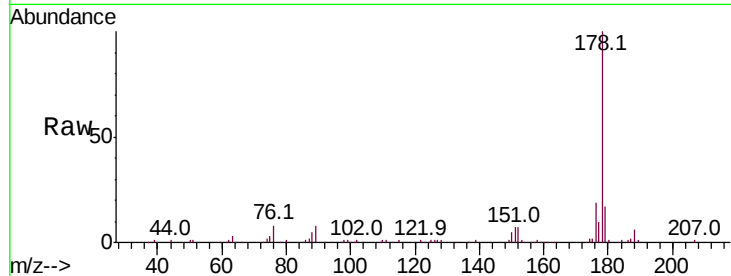
ClientSampleId :

MDL-SOIL-04

Tot Ion:	178	Resp:	134231
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.7	19.1
176	18.5	15.8	23.8

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.136 ng/uL

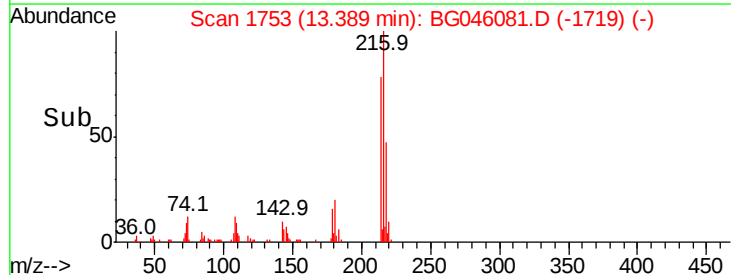
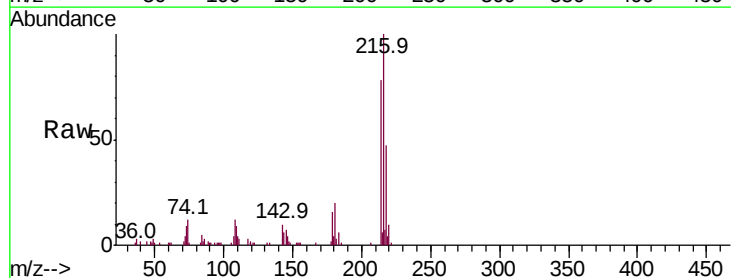
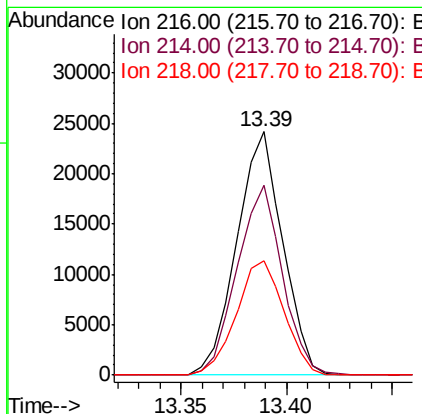
RT: 13.39 min Scan# 1753

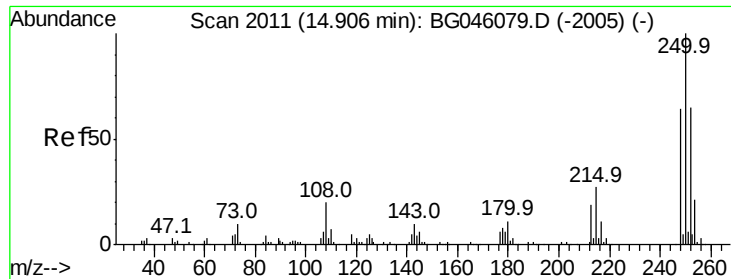
Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Tgt Ion:	216	Resp:	36331
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.9	94.3
218	47.1	40.2	60.2





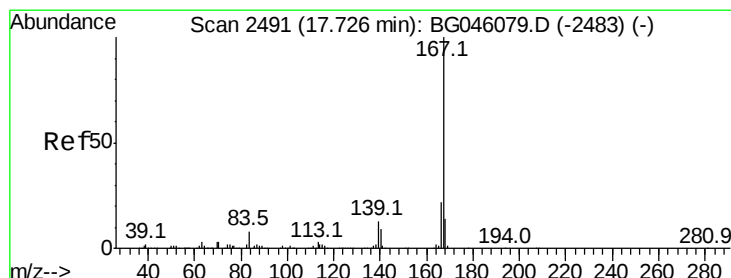
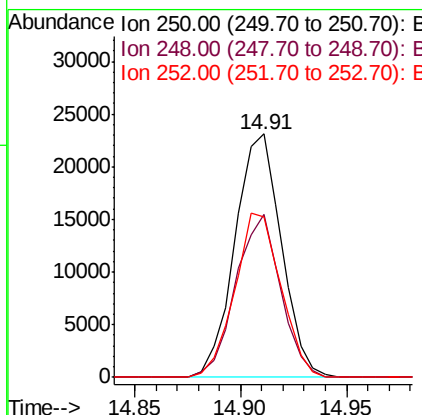
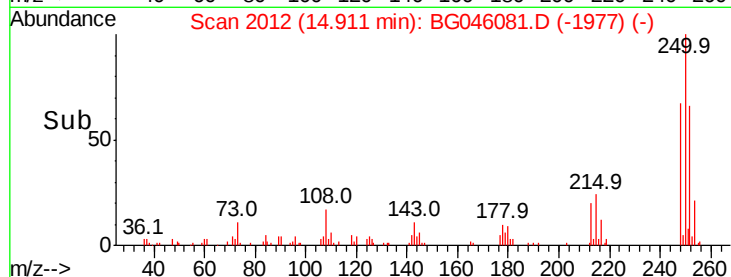
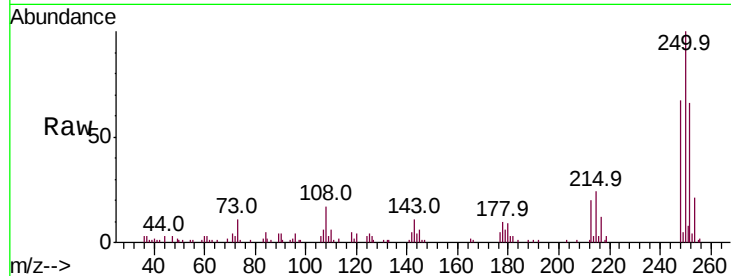
#74
 Pentachlorobenzene
 Concen: 3.968 ng/uL
 RT: 14.91 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
250	100		
248	67.0	49.1	73.7
252	65.9	51.4	77.2

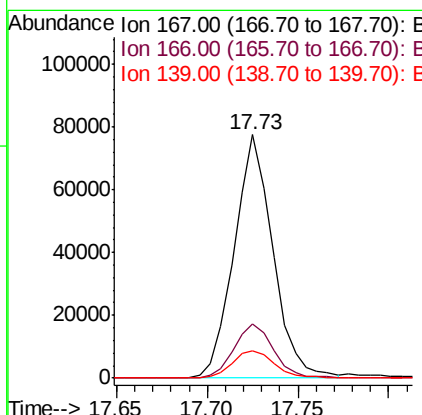
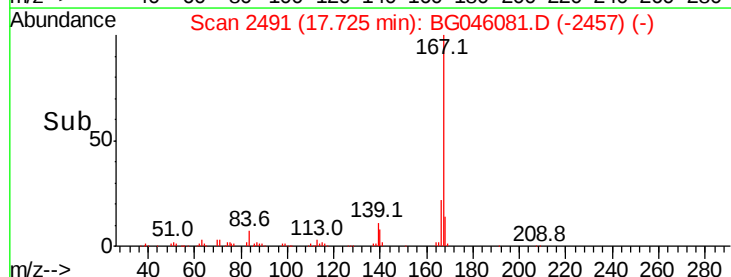
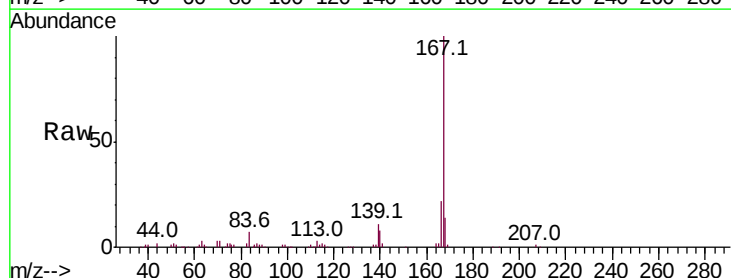
Manual Integrations
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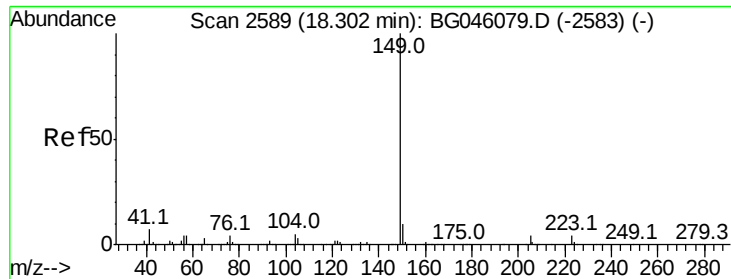
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#75
 Carbazole
 Concen: 4.416 ng/uL
 RT: 17.73 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.8	28.2
139	11.4	9.7	14.5





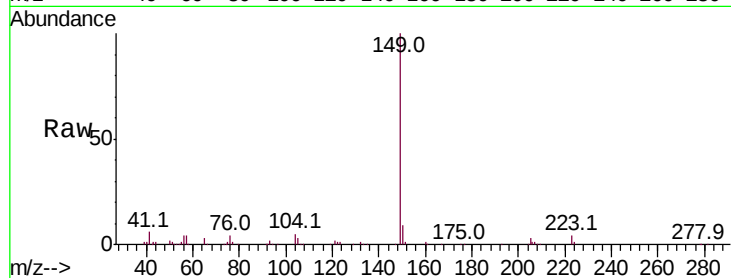
#76
Di-n-butylphthalate
Concen: 3.979 ng/ul
RT: 18.30 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleID :
MDL-SOIL-04

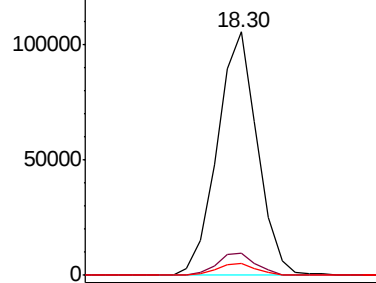
Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.0	4.1	6.1

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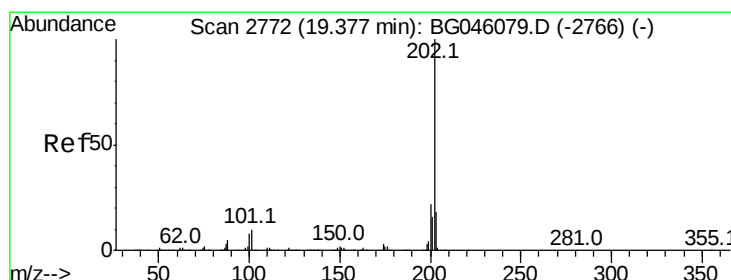
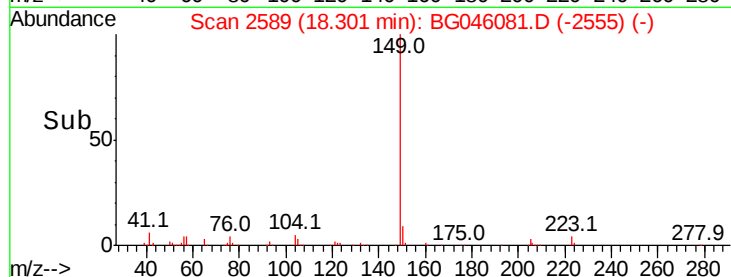
mohammad
7/28/2020 11:42:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

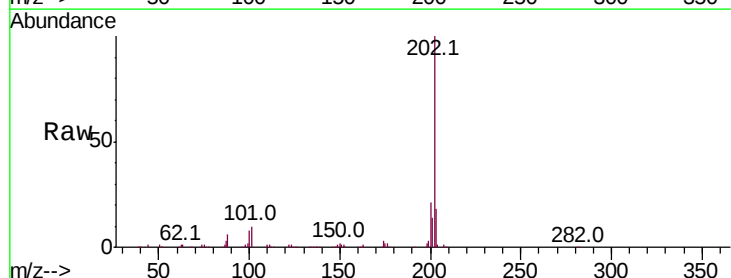


Time-->

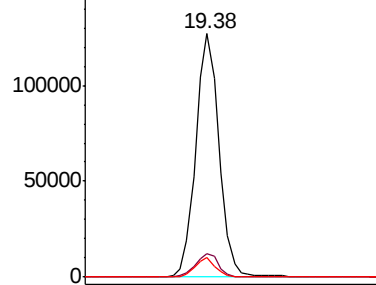


#77
Fluoranthene
Concen: 4.960 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

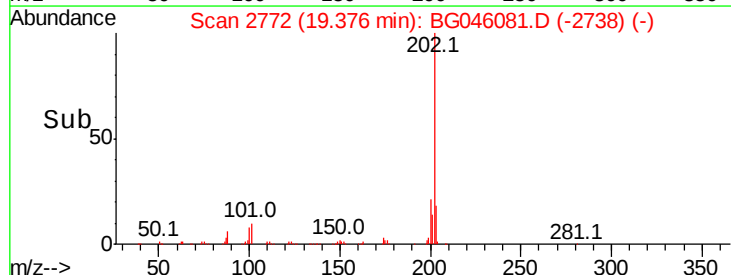
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	7.8	11.6
100	7.8	6.5	9.7

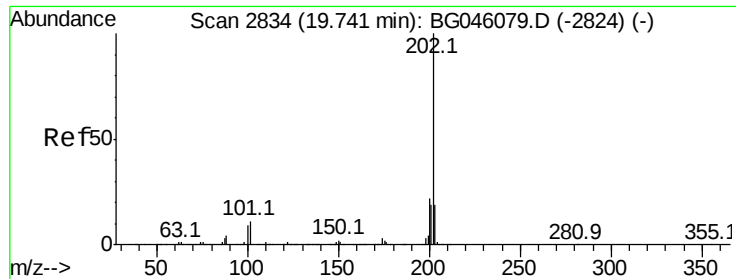


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





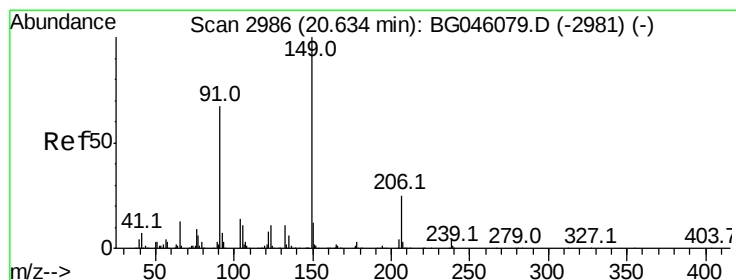
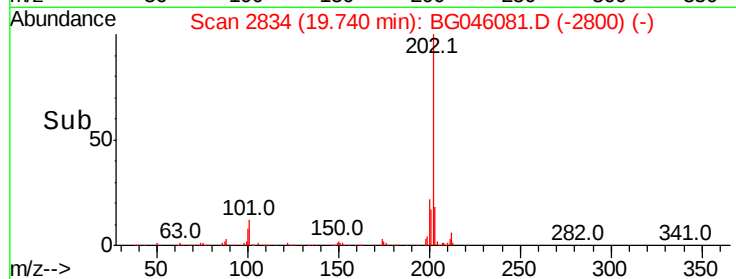
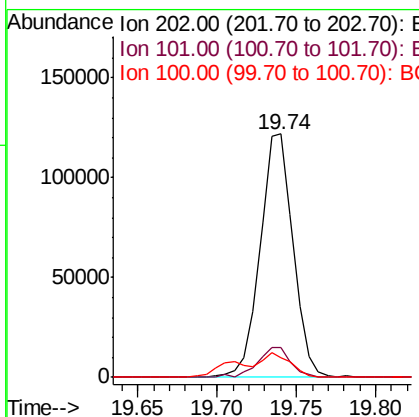
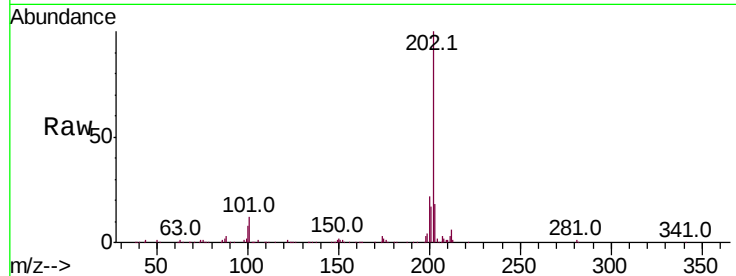
#80
Pvrene
Concen: 4.220 ng/ul
RT: 19.74 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	9.0	13.4
100	8.3	7.6	11.4

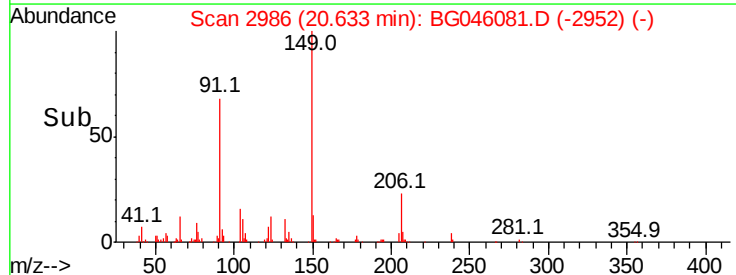
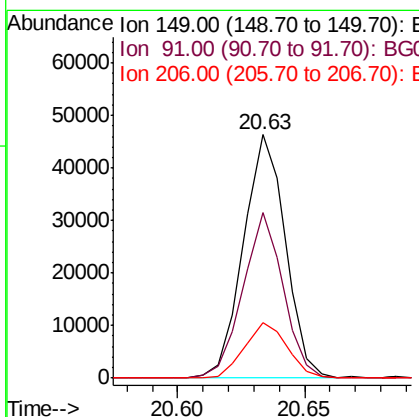
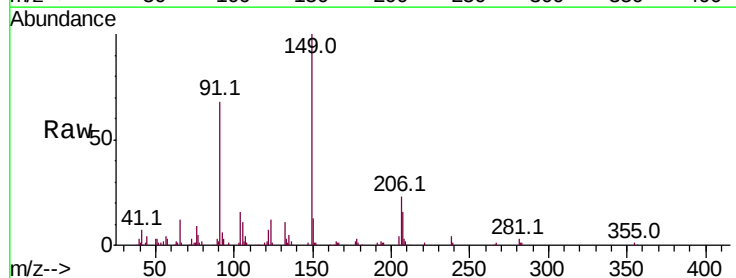
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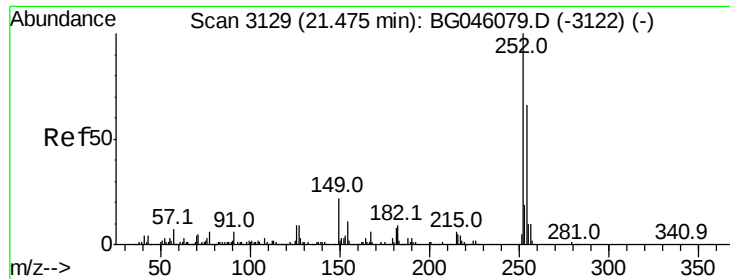
mohammad
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#81
Butylbenzylphthalate
Concen: 3.725 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.9	55.1	82.7
206	22.8	19.8	29.8





#82

3,3'-Dichlorobenzidine

Concen: 3.818 ng/ul

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

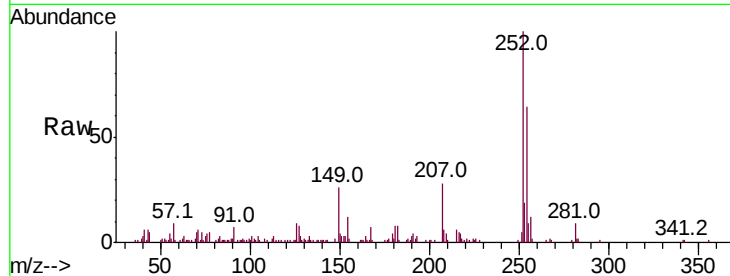
ClientSampleId :

MDL-SOIL-04

Tot Ion:	252	Resp:	50640
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.7	77.5
126	8.8	7.0	10.4

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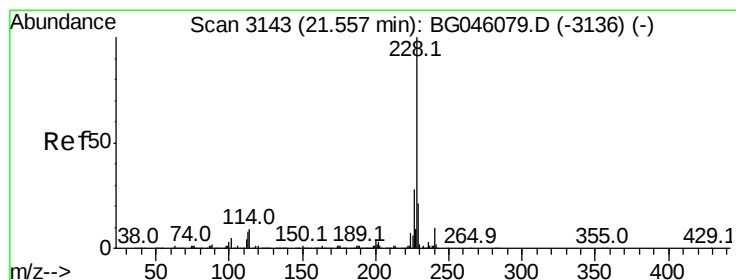
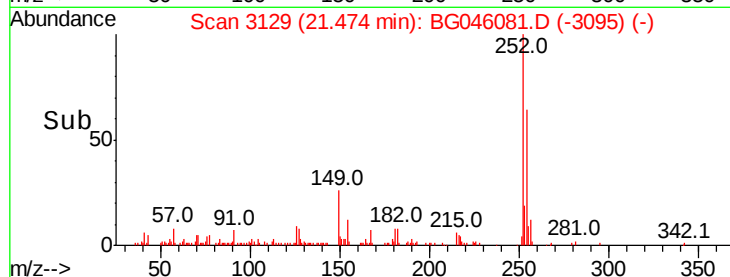
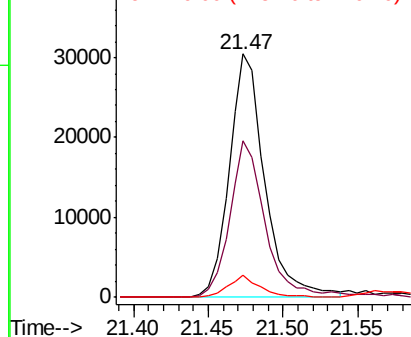


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 4.464 ng/ul

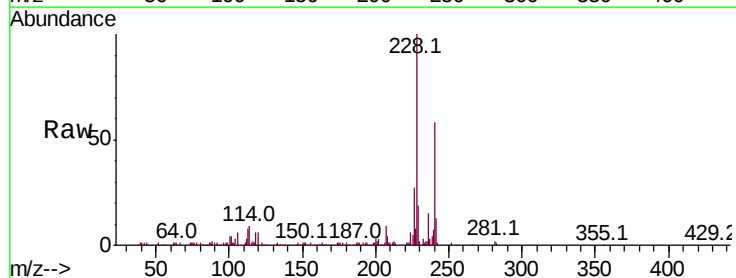
RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Tgt Ion:	228	Resp:	181678
Ion Ratio	Lower	Upper	
228	100		
229	18.8	16.2	24.4
226	26.8	22.6	33.8

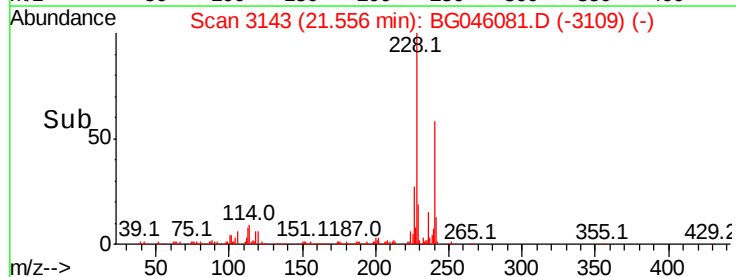
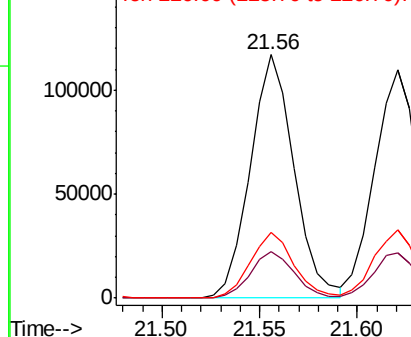


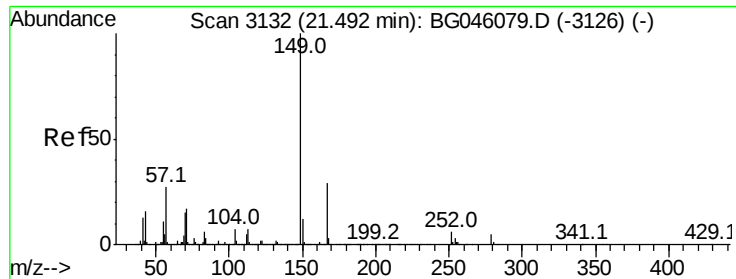
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.709 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

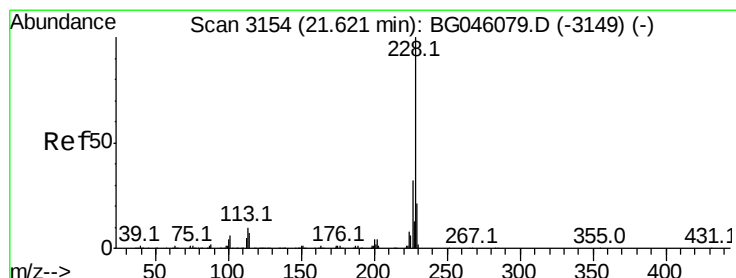
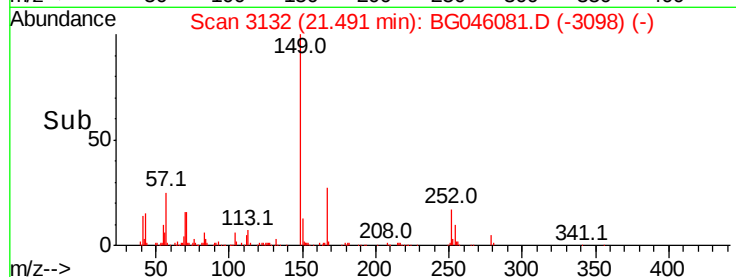
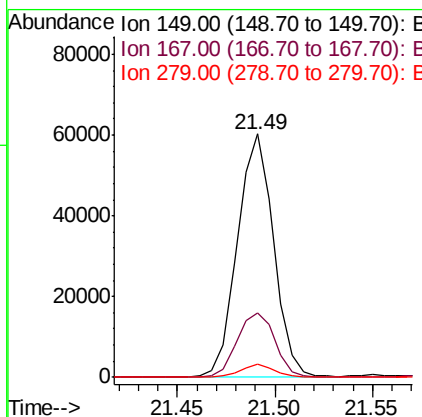
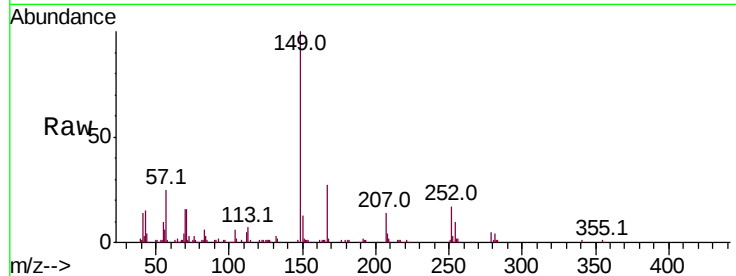
ClientSampleId :

MDL-SOIL-04

Tot Ion:	149	Resp:	77393
Ion Ratio	Lower	Upper	
149	100		
167	26.6	24.6	37.0
279	5.3	4.1	6.1

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#85

Chrysene

Concen: 4.384 ng/ul

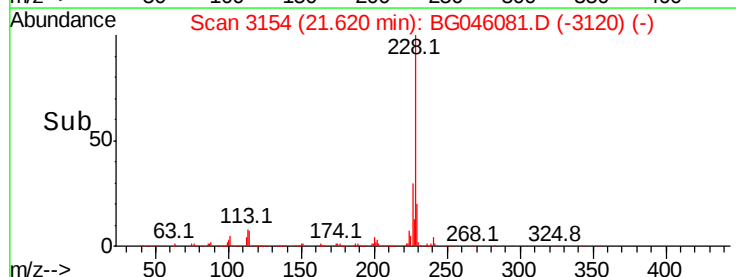
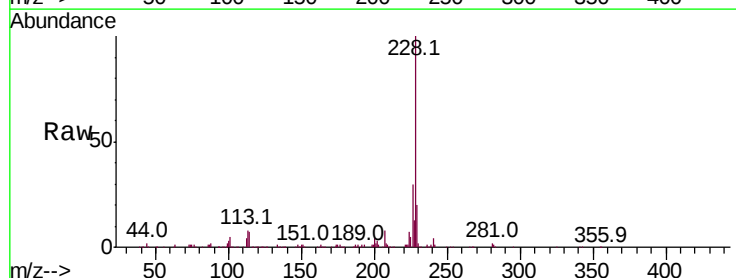
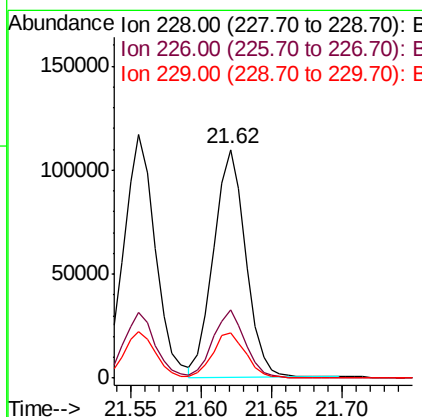
RT: 21.62 min Scan# 3154

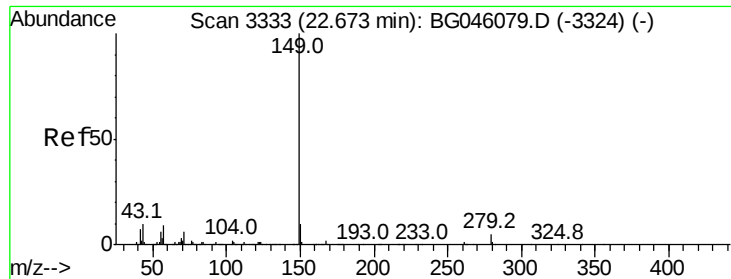
Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Tgt Ion:	228	Resp:	173452
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.3	37.9
229	20.1	16.9	25.3





#87

Di-n-octyl phthalate

Concen: 3.459 ng/ul

RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BG046081.D

Acq: 27 Jul 2020 10:17

Instrument :

BNA_G

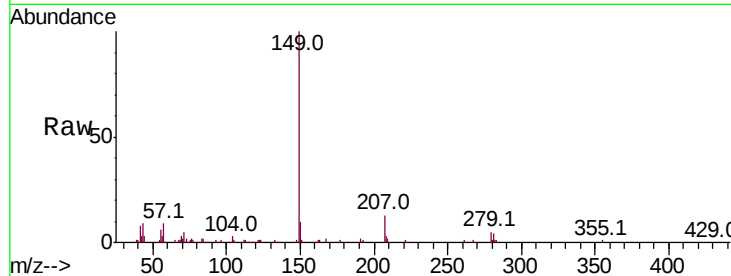
ClientSampleId :

MDL-SOIL-04

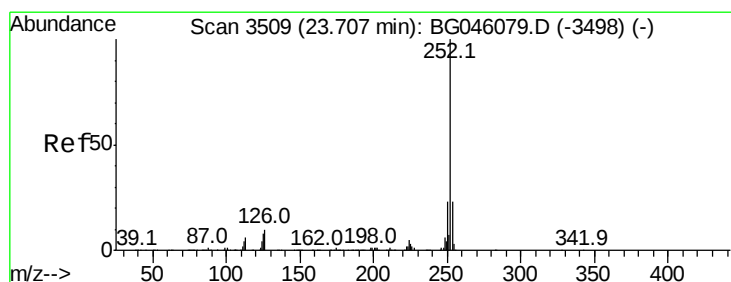
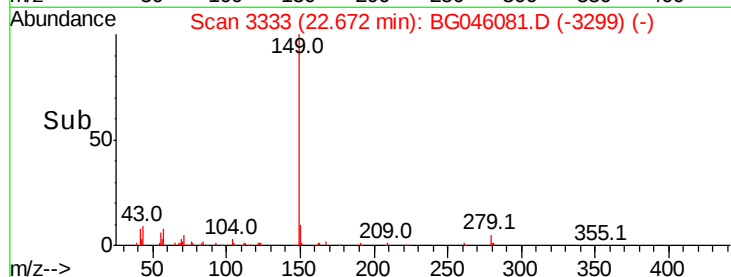
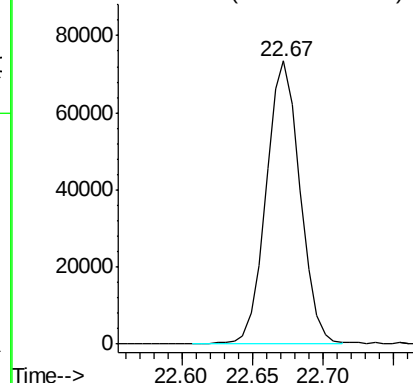
Tgt Ion:149 Resp: 123452

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.765 ng/ul

RT: 23.71 min Scan# 3509

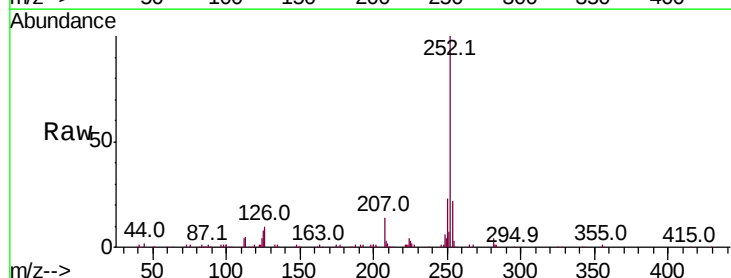
Delta R.T. -0.00 min

Lab File: BG046081.D

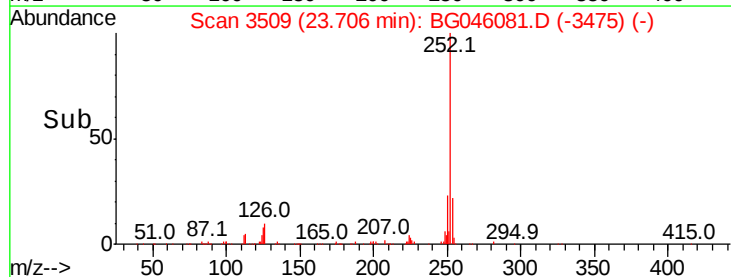
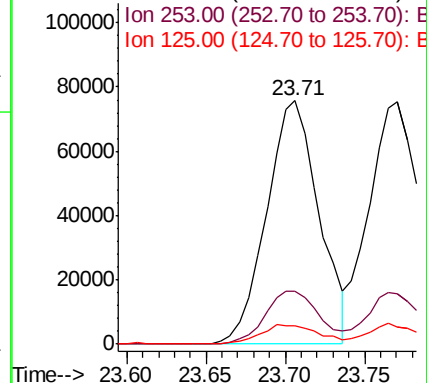
Acq: 27 Jul 2020 10:17

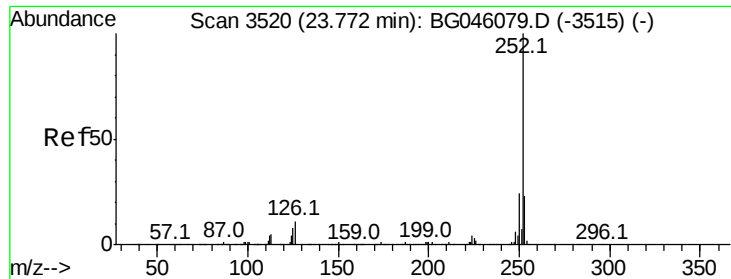
Tgt Ion:252 Resp: 173735

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	7.7	6.3	9.5



Abundance Ion 252.00 (251.70 to 252.70): E





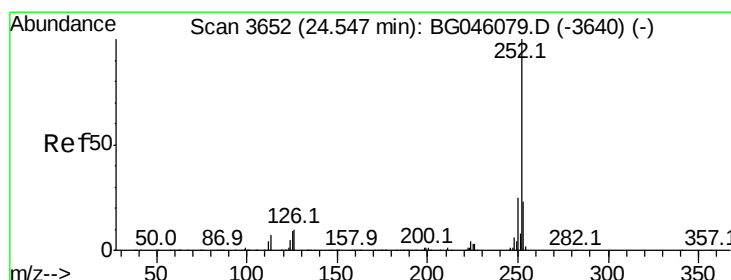
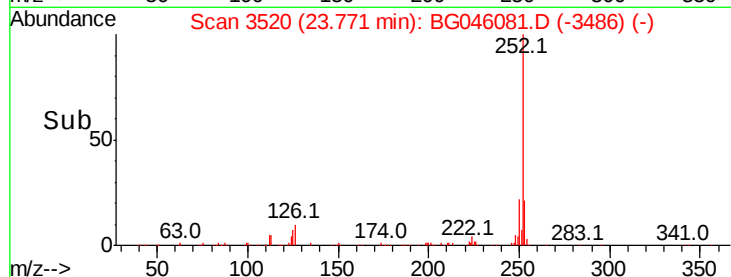
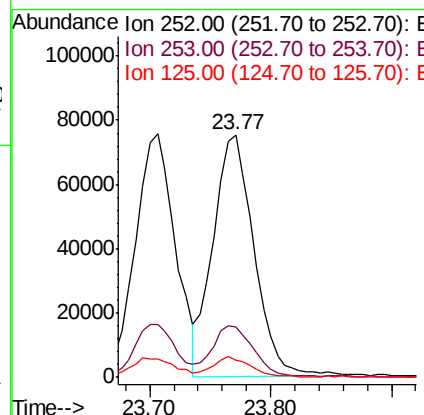
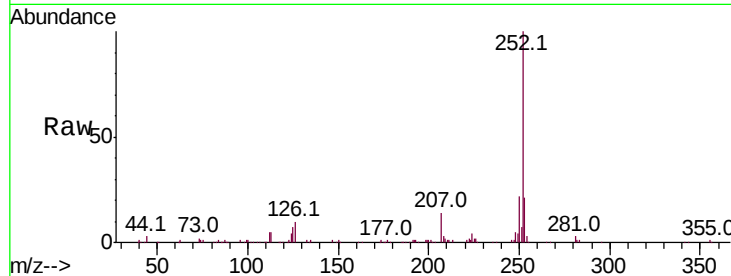
#89
Benzo(k)fluoranthene
Concen: 3.918 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.8	28.2
125	7.0	6.7	10.1

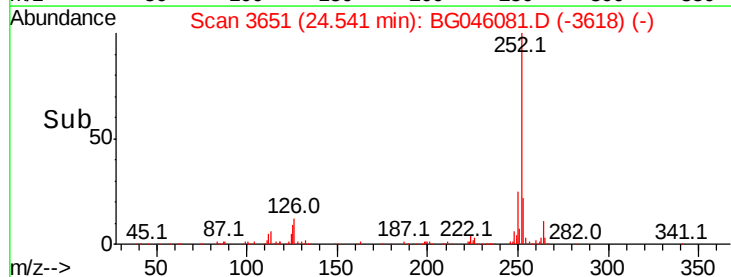
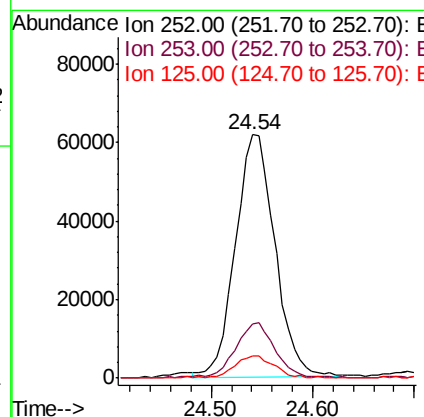
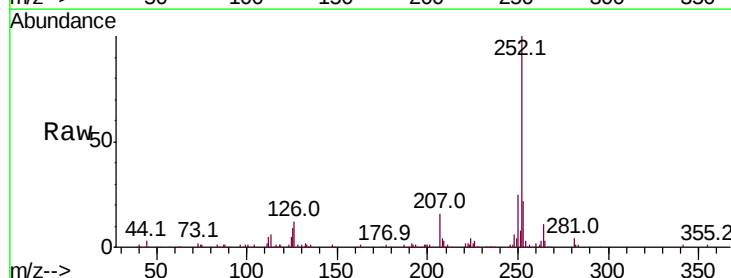
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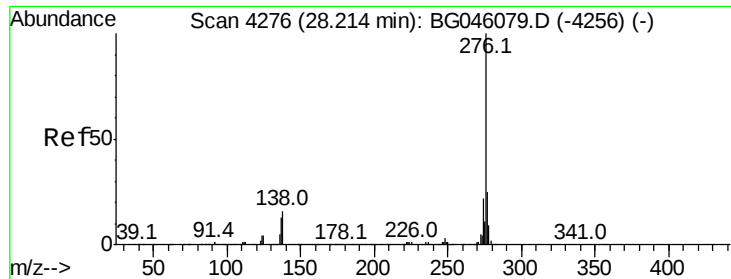
mohammad
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#91
Benzo(a)pyrene
Concen: 3.958 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.2	7.4	11.2





#92

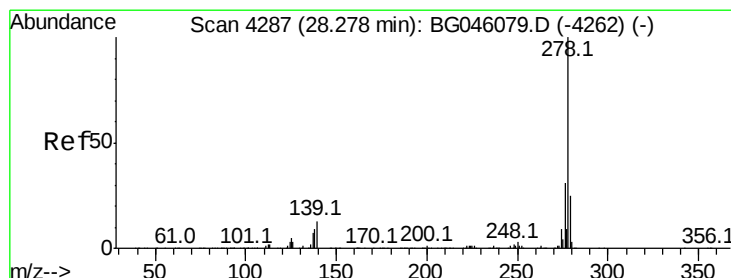
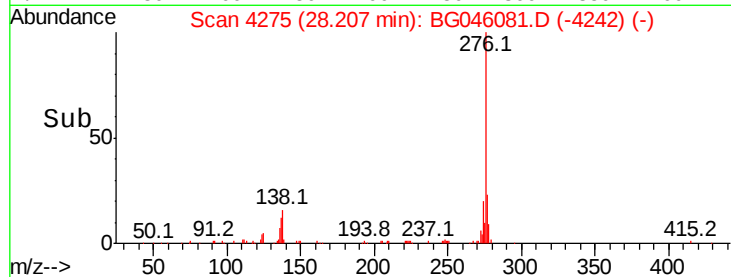
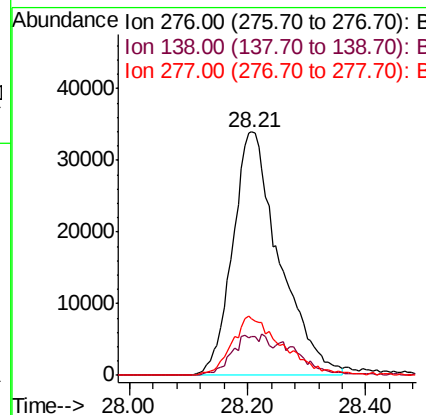
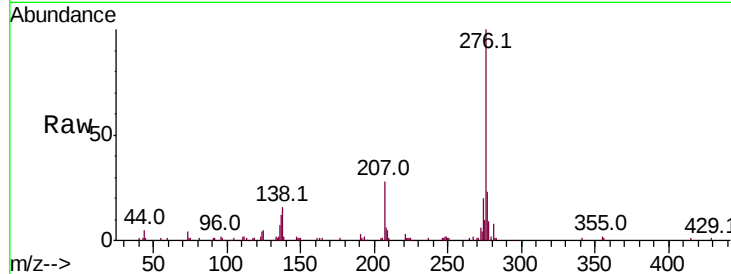
Indeno(1,2,3-cd)pyrene
Concen: 3.542 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. -0.01 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.6	18.8
277	23.5	18.5	27.7

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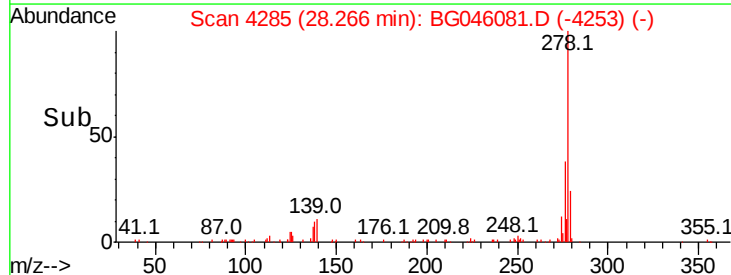
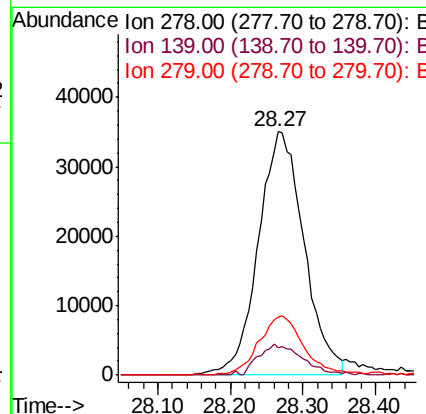
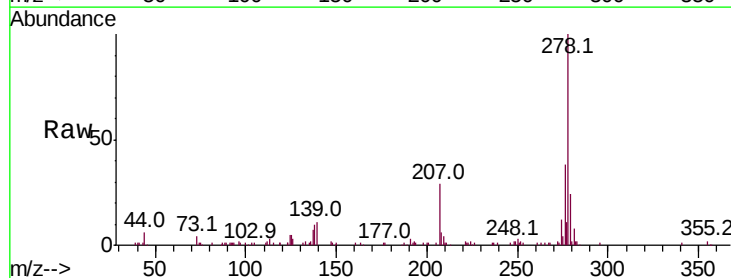
mohammad
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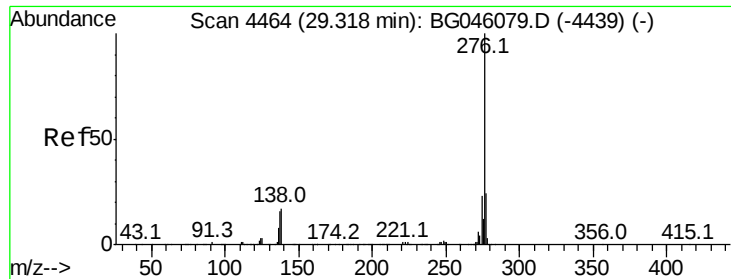


#93

Dibenzo(a,h)anthracene
Concen: 3.569 ng/ul
RT: 28.27 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG046081.D
Acq: 27 Jul 2020 10:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.6	16.0
279	23.7	19.4	29.0





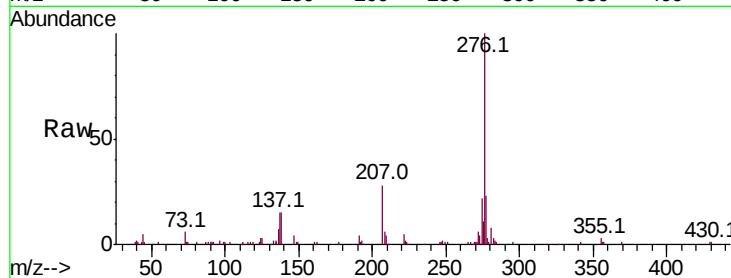
#94
 Benzo(a,h,i)perylene
 Concen: 3.651 ng/ul
 RT: 29.29 min Scan# 4460
 Delta R.T. -0.02 min
 Lab File: BG046081.D
 Acq: 27 Jul 2020 10:17

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.6	20.4
277	23.3	18.8	28.2

Manual Integrations
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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

