

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052020\
 Data File : BG045434.D
 Acq On : 20 May 2020 13:36
 Operator : CG/JU
 Sample : L2182-03
 Misc : MDL- 8PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Manual Integrations
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 5/21/2020 10:23:19 AM

Quant Time: May 20 14:19:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	76213	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	311824	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	232171	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	554570	20.00	ng	0.00
76) Chrysene-d12	21.62	240	558358	20.00	ng	0.00
87) Perylene-d12	24.77	264	587923	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	488753	125.33	ng	0.00
7) Phenol-d6	7.20	99	720651	129.83	ng	0.00
23) Nitrobenzene-d5	9.13	82	502375	87.85	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	431539	145.34	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1227916	89.71	ng	0.00
79) Terphenyl-d14	19.97	244	2275182	95.04	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	13406	6.93	ng	93
3) Pyridine	3.82	79	28408	5.27	ng	95
4) n-Nitrosodimethylamine	3.73	42	10818	6.14	ng	# 95
6) Aniline	7.30	93	51509	7.11	ng	# 91
8) 2-Chlorophenol	7.55	128	30839	7.21	ng	94
9) Benzaldehyde	7.10	77	28153	7.78	ng	98
10) Phenol	7.22	94	39500	6.90	ng	94
11) bis(2-Chloroethyl)ether	7.39	93	29891	6.70	ng	94
12) 1,3-Dichlorobenzene	7.86	146	34275	6.67	ng	97
13) 1,4-Dichlorobenzene	8.00	146	36092	7.12	ng	98
14) 1,2-Dichlorobenzene	8.32	146	34163	7.00	ng	96
15) Benzyl Alcohol	8.22	79	28789	6.28	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.49	45	28980	6.84	ng	92
17) 2-Methylphenol	8.46	107	27889	6.51	ng	# 89
18) Hexachloroethane	9.05	117	12674	6.52	ng	# 88
19) n-Nitroso-di-n-propylamine	8.77	70	28076	7.31	ng	96
20) 3+4-Methylphenols	8.79	107	35946m	6.16	ng	
22) Acetophenone	8.79	105	51600	6.98	ng	93
24) Nitrobenzene	9.17	77	40783	6.66	ng	100
25) Isophorone	9.69	82	79248	7.04	ng	96
26) 2-Nitrophenol	9.89	139	18118	6.91	ng	# 86
27) 2,4-Dimethylphenol	9.98	122	30417	7.83	ng	89
28) bis(2-Chloroethoxy)methane	10.19	93	44325	7.51	ng	97
29) 2,4-Dichlorophenol	10.46	162	31387	6.84	ng	89
30) 1,2,4-Trichlorobenzene	10.64	180	36800	6.78	ng	98
31) Naphthalene	10.83	128	104685	7.20	ng	98
32) Benzoic acid	10.10	122	10908	13.29	ng	92
33) 4-Chloroaniline	10.94	127	41441	6.82	ng	92
34) Hexachlorobutadiene	11.12	225	25740	6.71	ng	93
35) Caprolactam	11.68	113	12686	7.53	ng	89
36) 4-Chloro-3-methylphenol	12.11	107	37568	7.26	ng	99
37) 2-Methylnaphthalene	12.44	142	81487	7.52	ng	98
38) 1-Methylnaphthalene	12.65	142	78338	7.66	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	46187	7.12	ng	99

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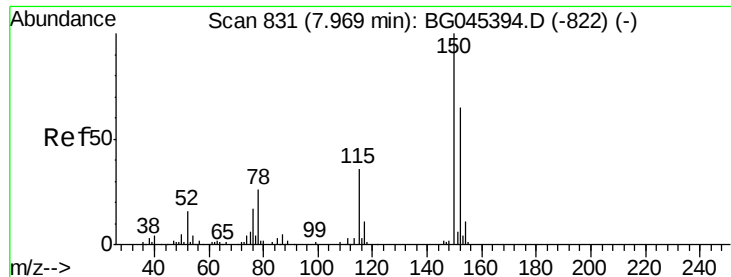
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	20188	5.39	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	29151	6.47	ng	90
44) 2,4,5-Trichlorophenol	13.16	196	33816	6.57	ng	97
46) 1,1'-Biphenyl	13.44	154	108145	7.58	ng	96
47) 2-Chloronaphthalene	13.49	162	81884	7.07	ng	99
48) 2-Nitroaniline	13.70	65	24447	6.42	ng	93
49) Acenaphthylene	14.33	152	143119	7.69	ng	97
50) Dimethylphthalate	14.06	163	123511	7.75	ng	99
51) 2,6-Dinitrotoluene	14.18	165	26769	7.45	ng	96
52) Acenaphthene	14.67	154	84088	6.75	ng	96
53) 3-Nitroaniline	14.52	138	23976	6.56	ng	# 86
54) 2,4-Dinitrophenol	14.73	184	4328	7.17	ng	# 72
55) Dibenzofuran	15.01	168	144832	7.83	ng	99
56) 4-Nitrophenol	14.90	139	16238	5.87	ng	92
57) 2,4-Dinitrotoluene	14.97	165	36725	7.06	ng	96
58) Fluorene	15.66	166	120599	7.94	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	33712	7.44	ng	# 95
60) Diethylphthalate	15.43	149	129089	7.79	ng	# 93
61) 4-Chlorophenyl-phenylether	15.66	204	66276	7.62	ng	94
62) 4-Nitroaniline	15.69	138	27540	7.22	ng	82
63) Azobenzene	15.94	77	116985	7.57	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	17298	5.36	ng	90
66) n-Nitrosodiphenylamine	15.87	169	106266	7.98	ng	94
67) 4-Bromophenyl-phenylether	16.55	248	45232	7.53	ng	92
68) Hexachlorobenzene	16.67	284	50297	8.01	ng	97
69) Atrazine	16.82	200	42903	7.82	ng	99
70) Pentachlorophenol	17.03	266	8582	2.63	ng	96
71) Phenanthrene	17.40	178	203453	8.40	ng	99
72) Anthracene	17.49	178	210750	8.67	ng	99
73) Carbazole	17.77	167	191848	8.10	ng	96
74) Di-n-butylphthalate	18.32	149	229545	8.07	ng	97
75) Fluoranthene	19.41	202	260548	8.46	ng	99
77) Benzidine	19.59	184	109038	6.95	ng	96
78) Pyrene	19.77	202	269110	8.45	ng	97
80) Butylbenzylphthalate	20.66	149	102969	7.50	ng	96
81) Benzo(a)anthracene	21.59	228	258146	8.30	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	101253	8.30	ng	99
83) Chrysene	21.66	228	241630	8.08	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	147033	7.79	ng	# 97
85) Di-n-octyl phthalate	22.70	149	250224	7.71	ng	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	297050	7.60	ng	# 79
88) Benzo(b)fluoranthene	23.77	252	252129m	8.00	ng	
89) Benzo(k)fluoranthene	23.84	252	252367	8.52	ng	96
90) Benzo(a)pyrene	24.62	252	236713	8.06	ng	# 99
91) Dibenzo(a,h)anthracene	28.41	278	243242	8.24	ng	95
92) Benzo(g,h,i)perylene	29.45	276	243844	8.26	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

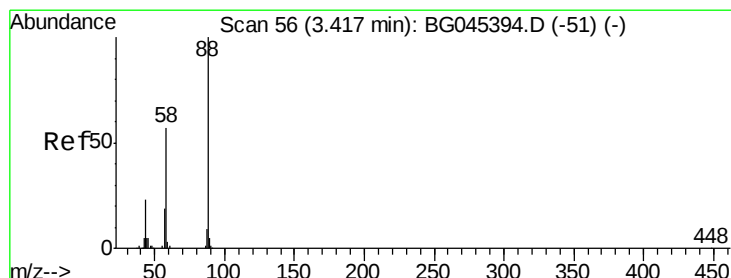
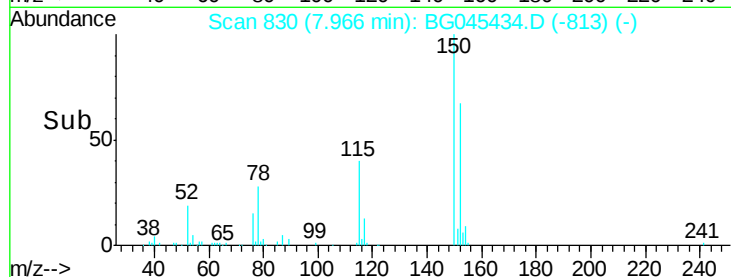
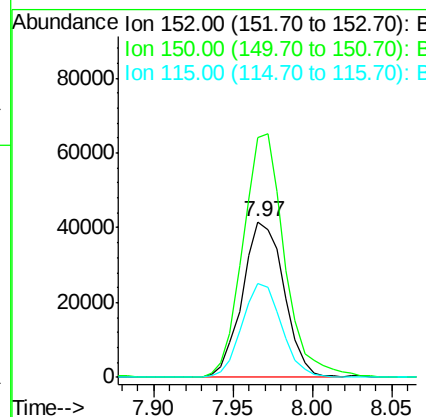
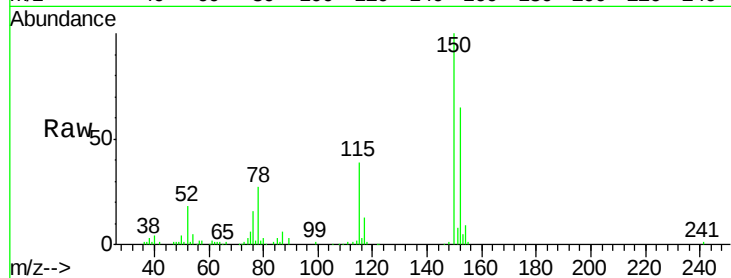
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	152	Resp:	76213
Ion Ratio	Lower	Upper	
152	100		
150	154.3	122.4	183.6
115	60.5	44.2	66.4

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#2

1,4-Dioxane

Concen: 6.93 ng

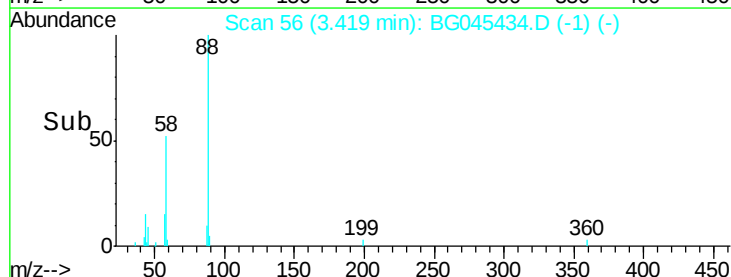
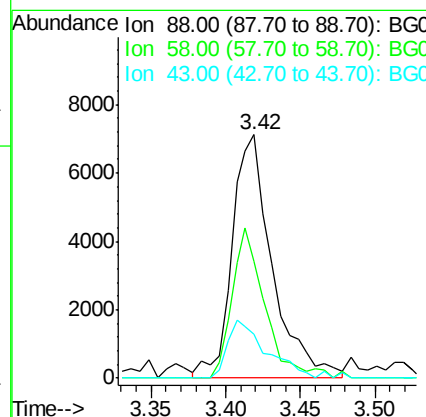
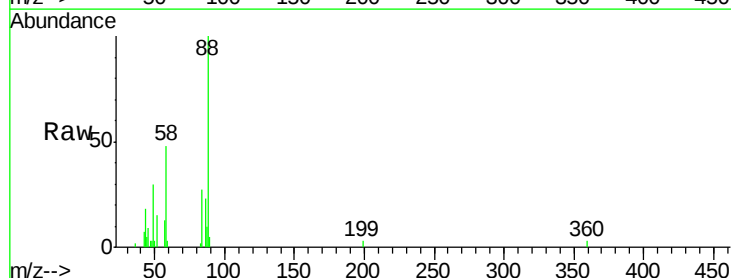
RT: 3.42 min Scan# 56

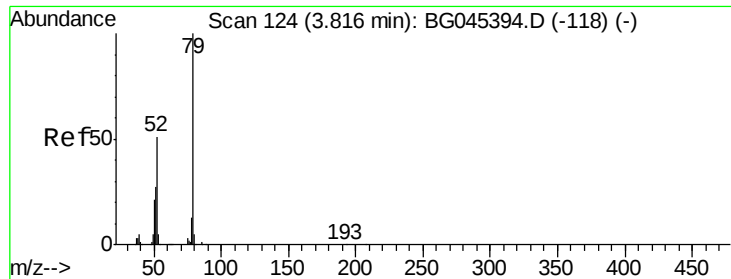
Delta R.T. 0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	88	Resp:	13406
Ion Ratio	Lower	Upper	
88	100		
58	50.8	45.7	68.5
43	22.8	16.8	25.2





#3

Pyridine

Concen: 5.27 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

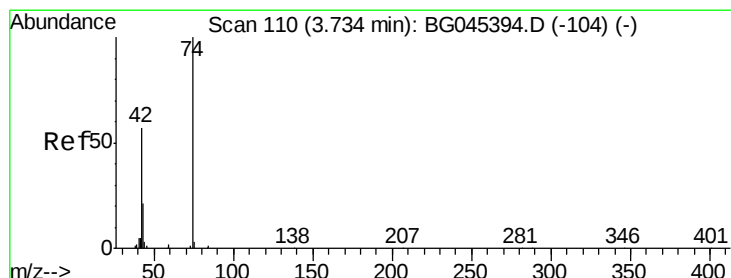
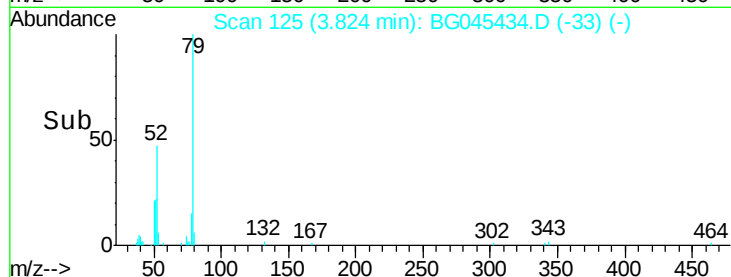
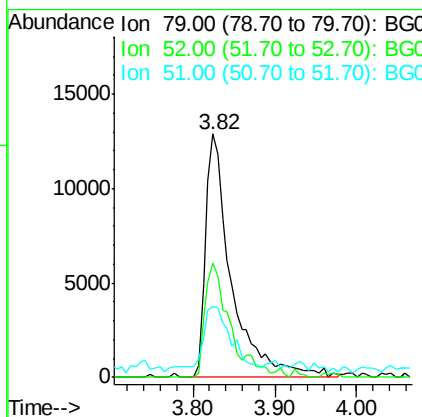
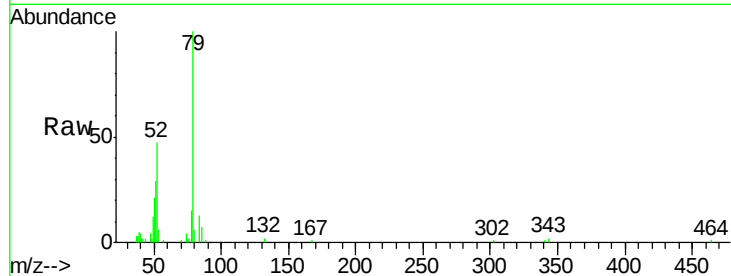
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	79	Resp:	28408
Ion Ratio	Lower	Upper	
79	100		
52	46.9	40.8	61.2
51	28.9	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 6.14 ng

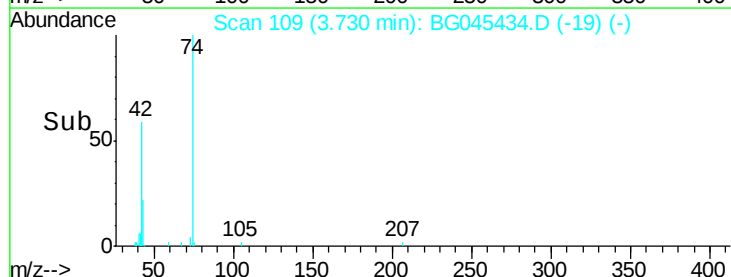
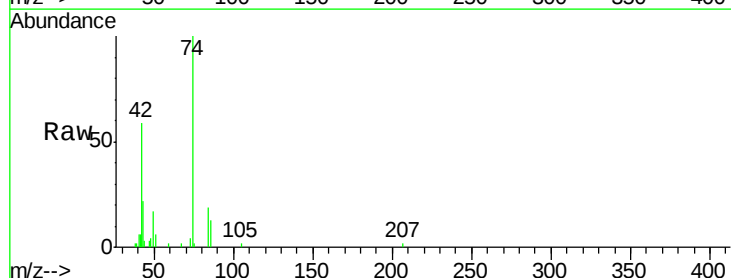
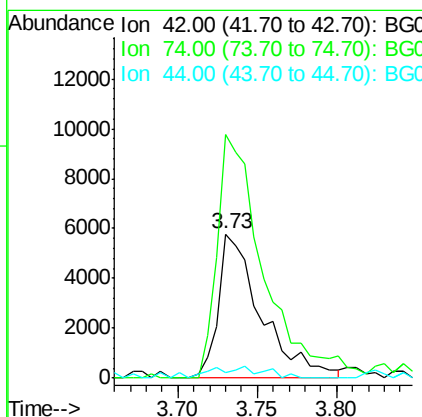
RT: 3.73 min Scan# 109

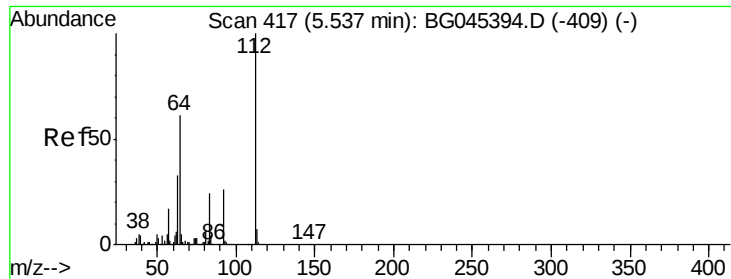
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	42	Resp:	10818
Ion Ratio	Lower	Upper	
42	100		
74	168.8	141.3	211.9
44	4.2	4.2	6.4#





#5

2-Fluorophenol

Concen: 125.33 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

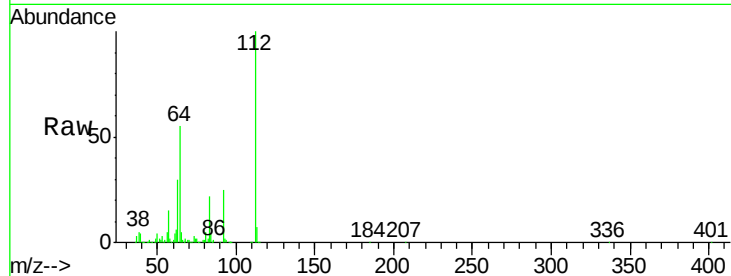
ClientSampleId :

MDL-SOIL-03-QT2-2020

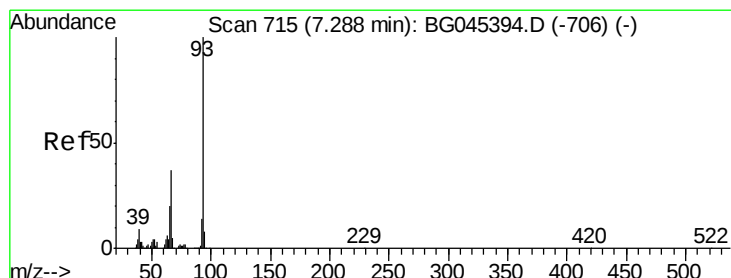
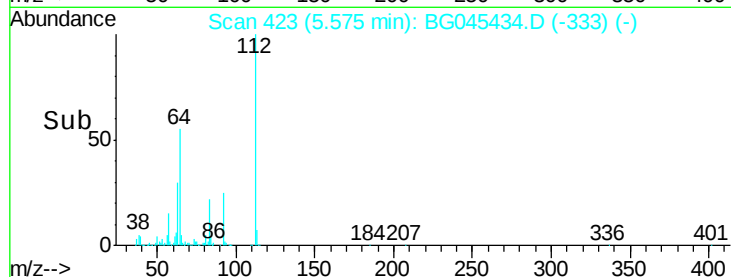
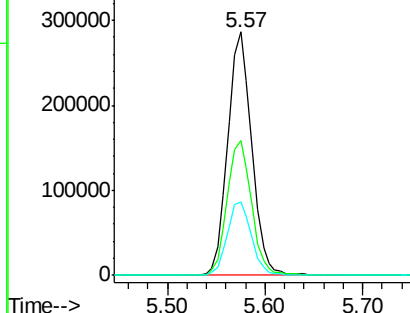
Tgt Ion:	112	Resp:	488753
Ion Ratio	Lower	Upper	
112	100		
64	55.4	48.6	72.8
63	30.1	26.5	39.7

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.11 ng

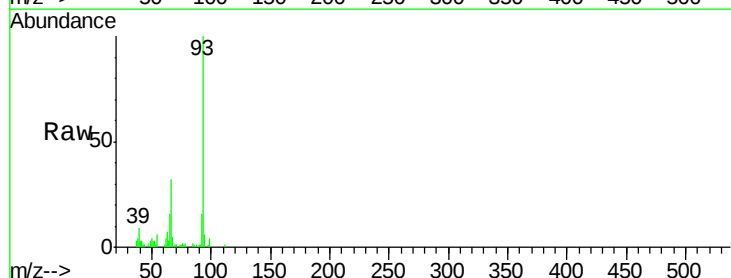
RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

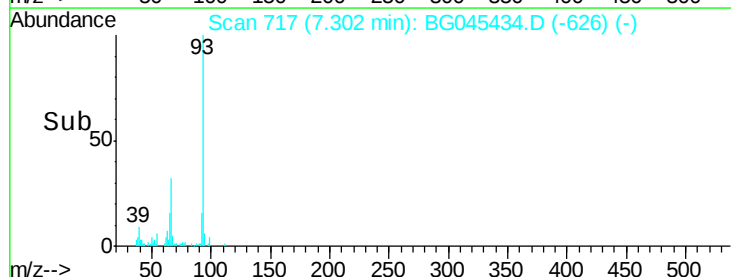
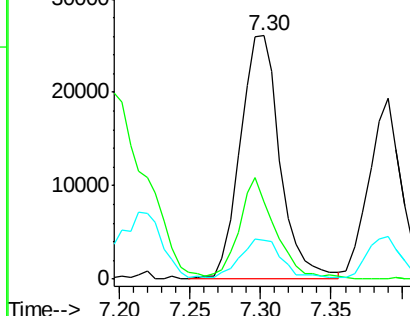
Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	93	Resp:	51509
Ion Ratio	Lower	Upper	
93	100		
66	31.9	29.6	44.4
65	15.8	15.9	23.9#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.83 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

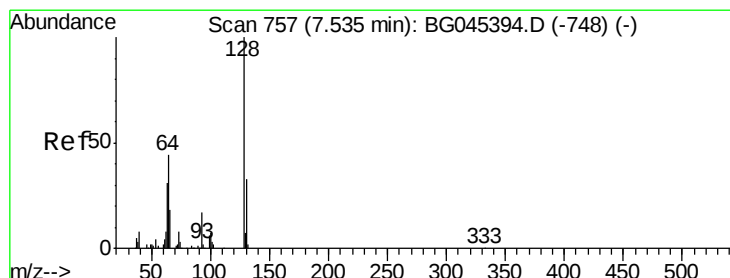
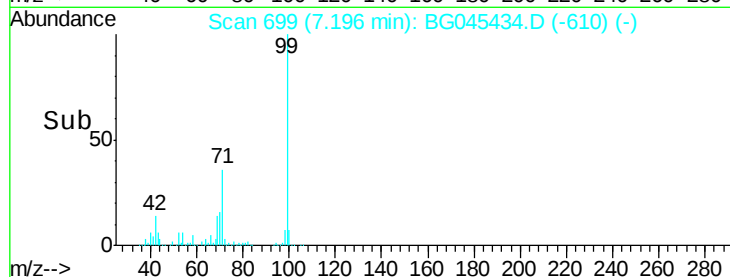
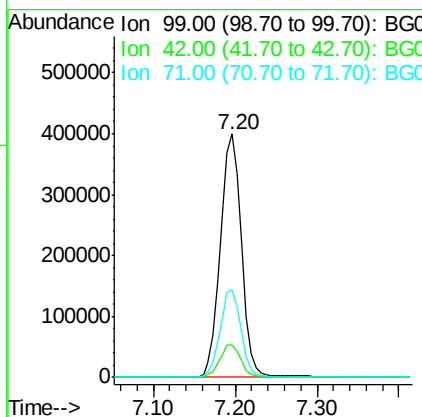
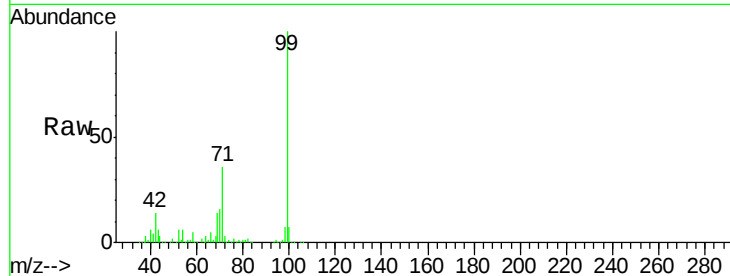
ClientSampleId :

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Tgt Ion:	99	Resp:	720651
Ion Ratio	Lower	Upper	
99	100		
42	13.5	11.3	16.9
71	36.0	30.8	46.2

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#8

2-Chlorophenol

Concen: 7.21 ng

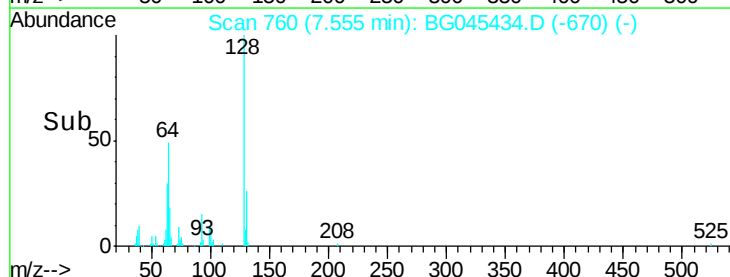
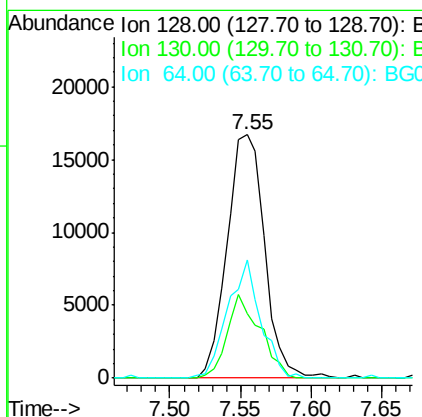
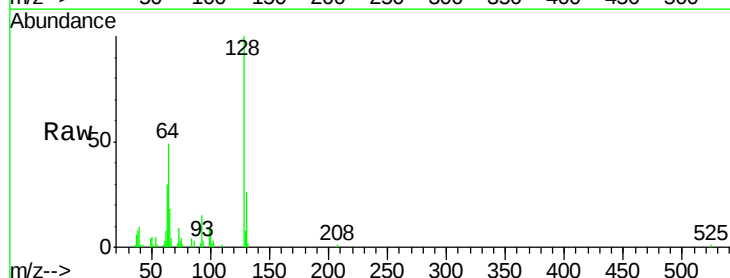
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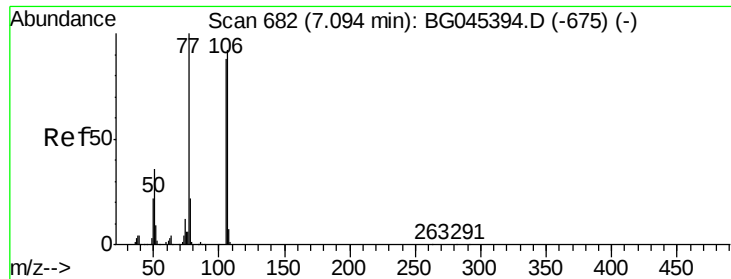
Delta R.T. -0.00 min

Lab File: BG045434.D

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Tgt Ion:	128	Resp:	30839
Ion Ratio	Lower	Upper	
128	100		
130	26.3	12.6	52.6
64	48.6	27.0	67.0





#9

Benzaldehyde

Concen: 7.78 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

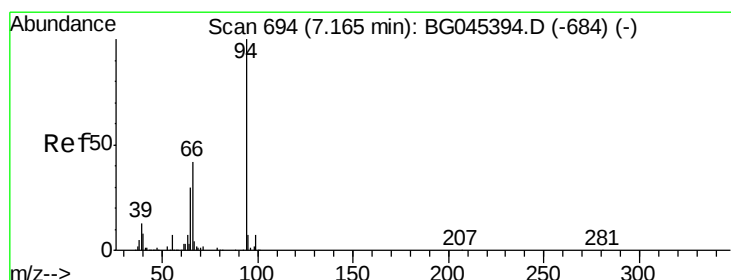
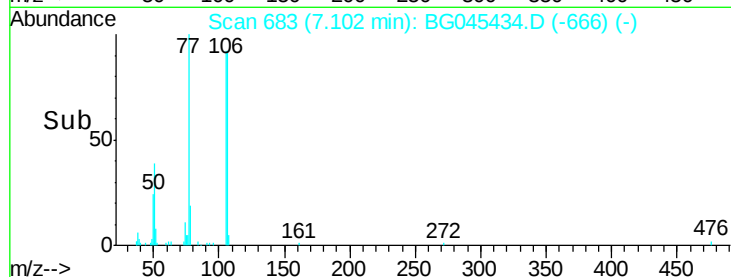
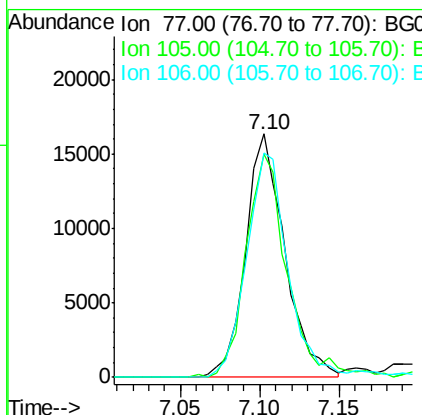
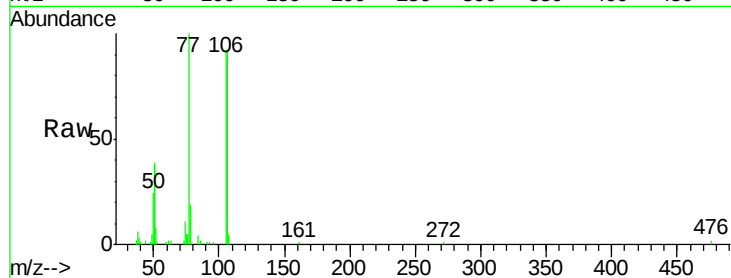
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	77	Resp:	28153
Ion Ratio	Lower	Upper	
77	100		
105	91.6	68.5	108.5
106	92.1	71.6	111.6

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#10

Phenol

Concen: 6.90 ng

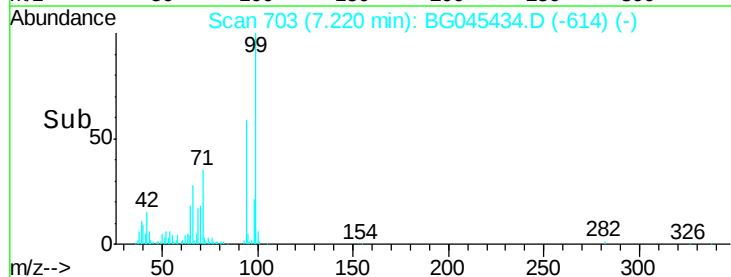
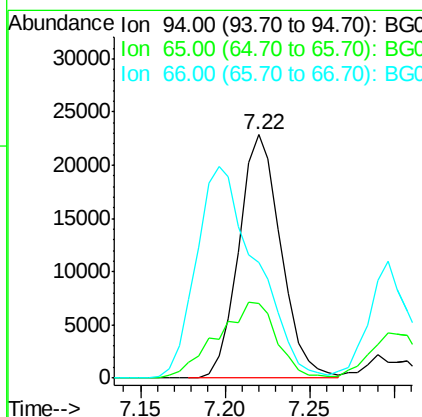
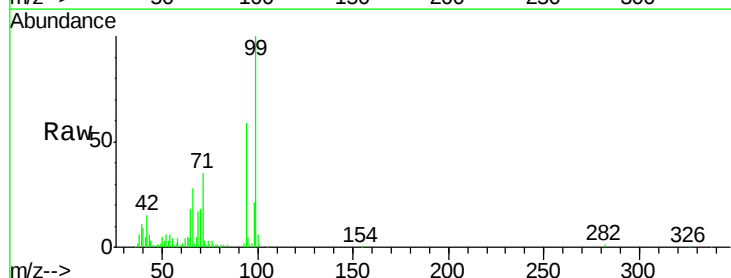
RT: 7.22 min Scan# 703

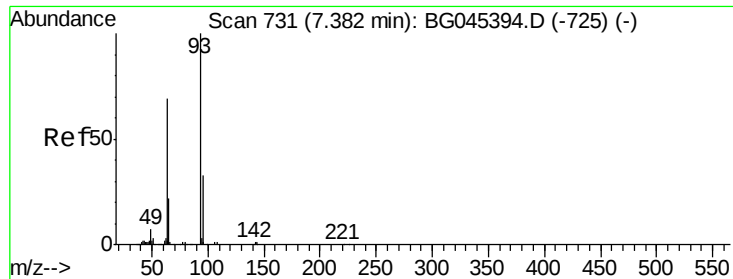
Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	94	Resp:	39500
Ion Ratio	Lower	Upper	
94	100		
65	30.8	9.8	49.8
66	47.5	22.0	62.0





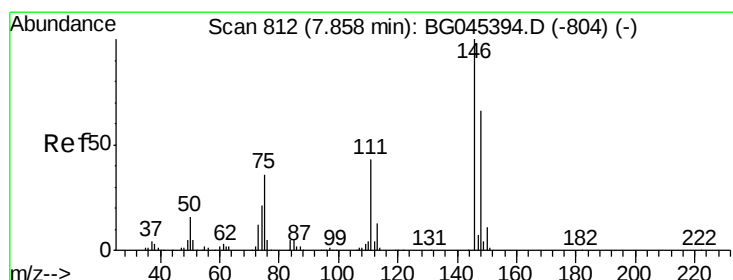
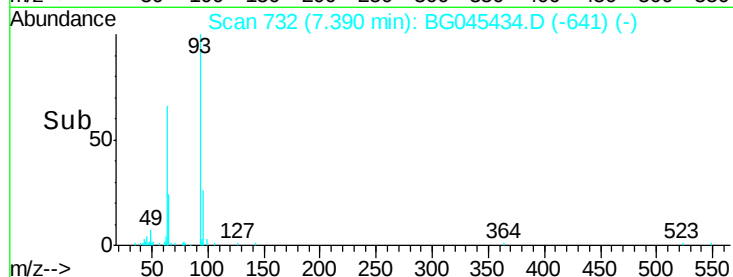
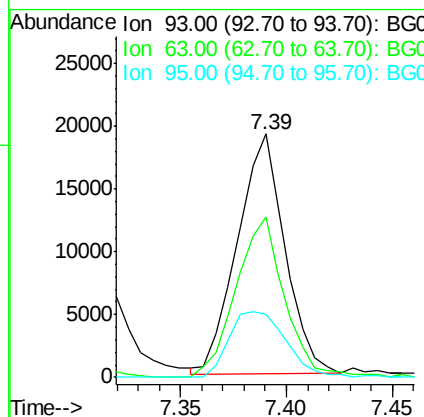
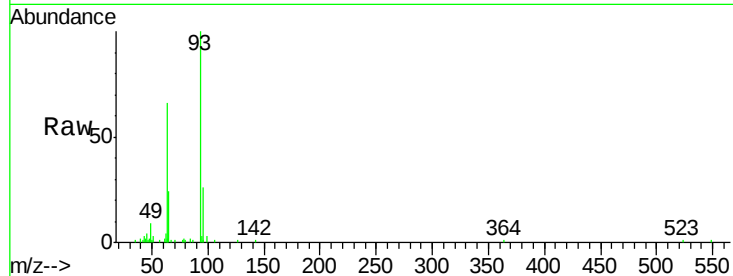
#11
bis(2-Chloroethyl)ether
Concen: 6.70 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	29891		
63	65.9	48.4	88.4	
95	25.8	12.4	52.4	

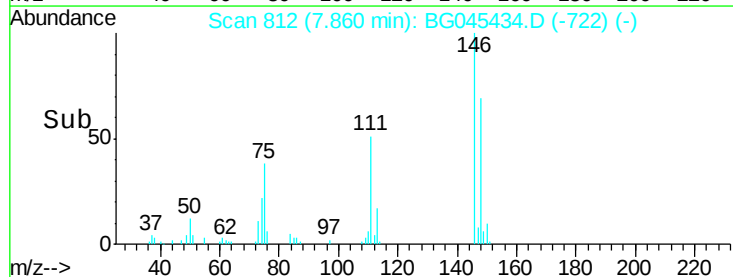
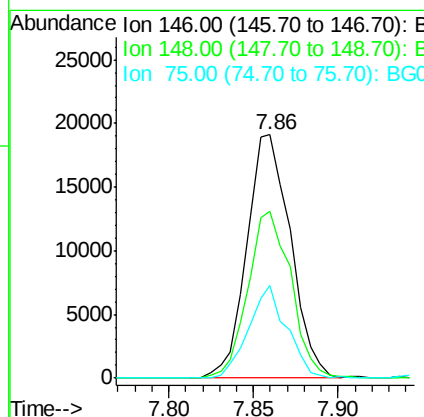
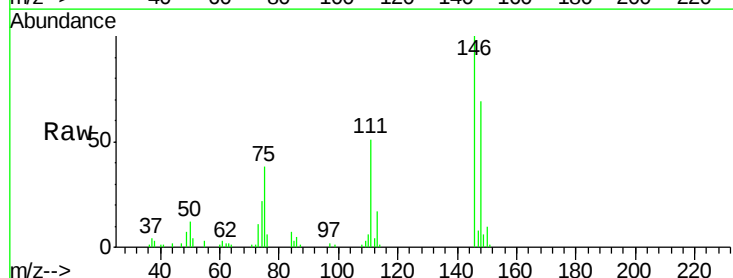
Manual Integrations
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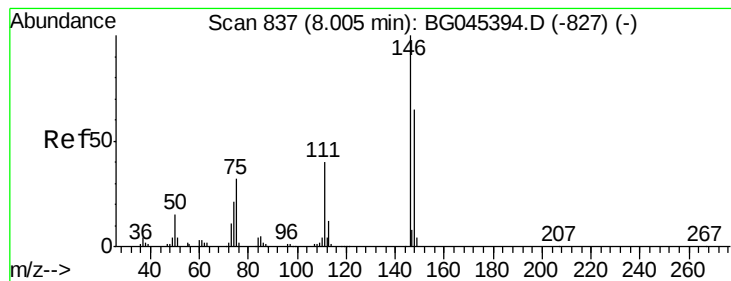
mohammad
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#12
1,3-Dichlorobenzene
Concen: 6.67 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	34275		
148	68.8	53.2	79.8	
75	38.2	28.6	43.0	





#13

1,4-Dichlorobenzene

Concen: 7.12 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

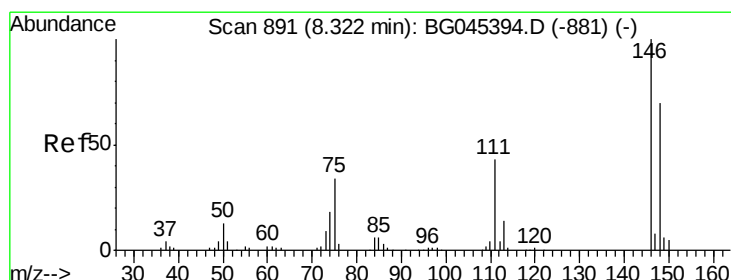
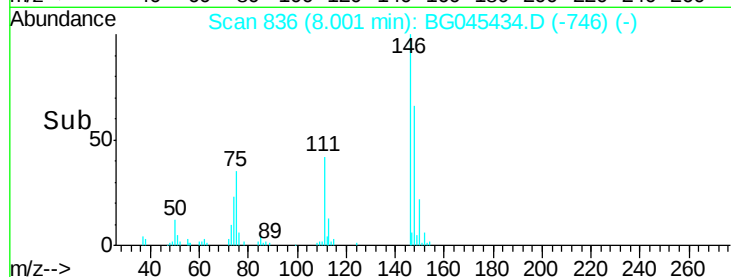
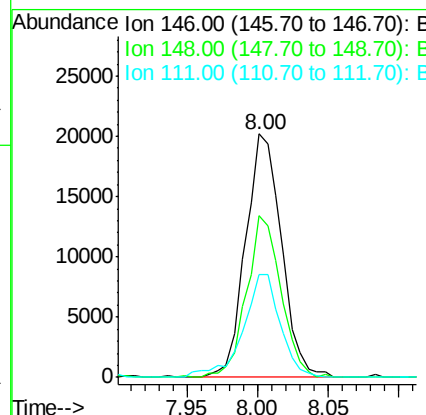
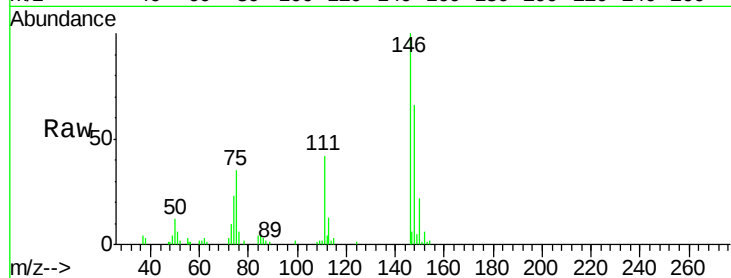
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	146	Resp:	36092
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.8	77.8
111	42.3	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 7.00 ng

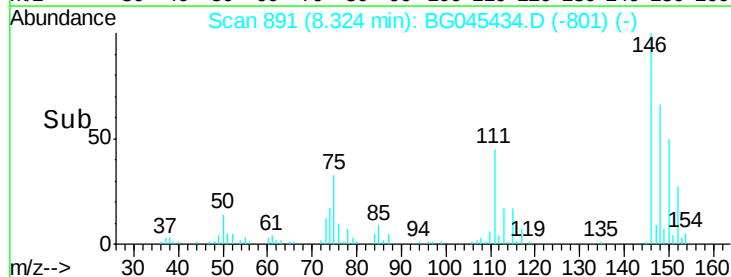
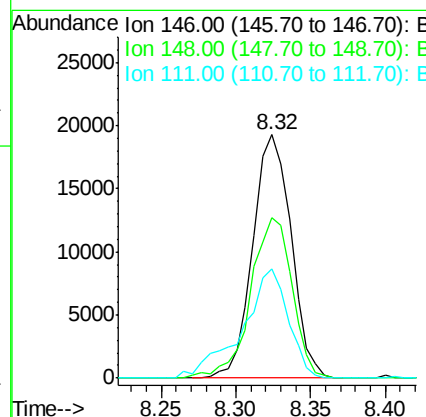
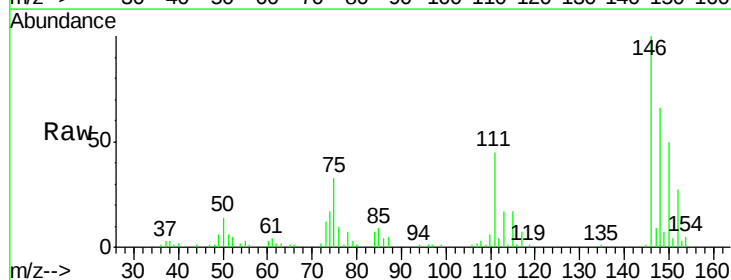
RT: 8.32 min Scan# 891

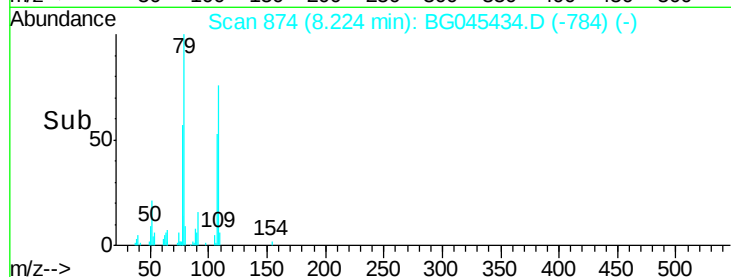
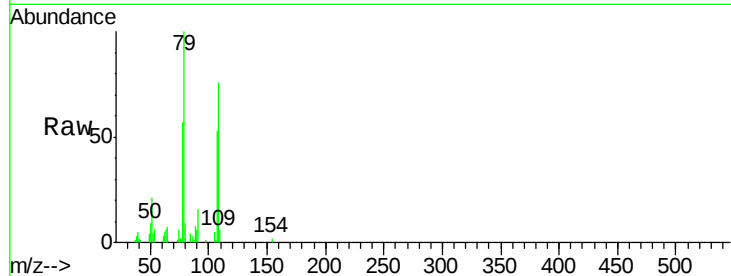
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	146	Resp:	34163
Ion Ratio	Lower	Upper	
146	100		
148	65.8	55.9	83.9
111	45.0	35.0	52.4





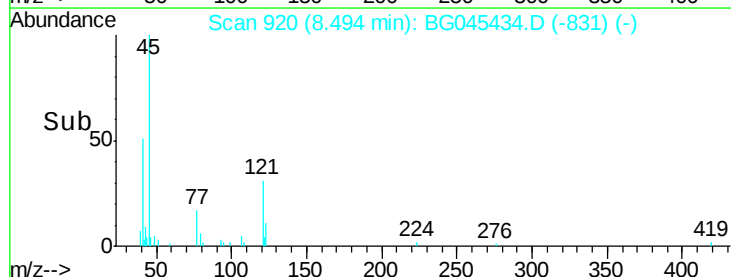
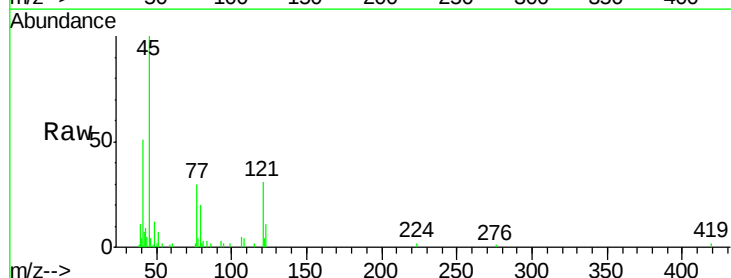
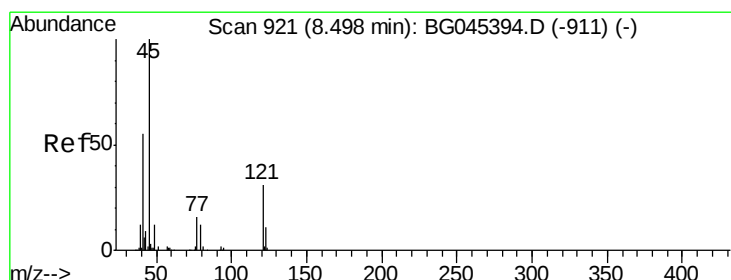
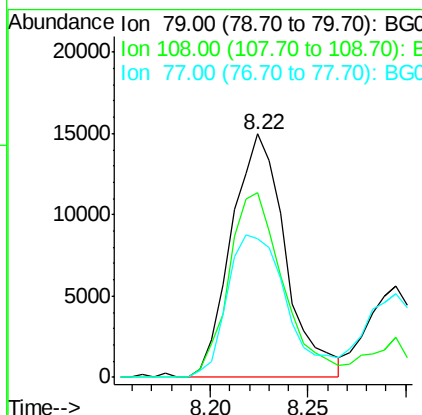
#15
Benzyl Alcohol
Concen: 6.28 ng
RT: 8.22 min Scan# 874
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.7	58.2	87.4
77	57.1	51.0	76.4

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

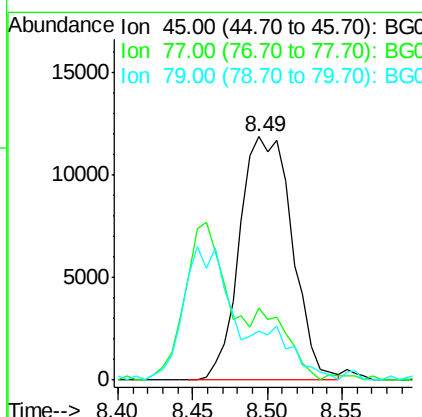
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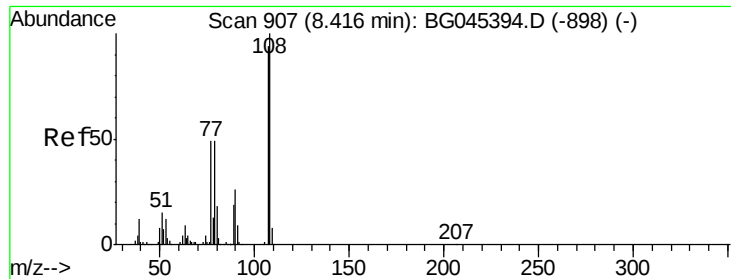
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.84 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.6	4.0	44.0
79	19.9	0.0	38.6





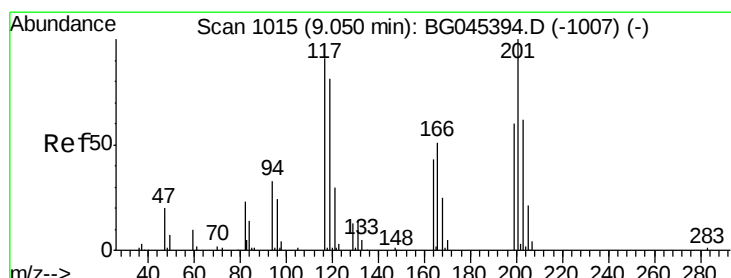
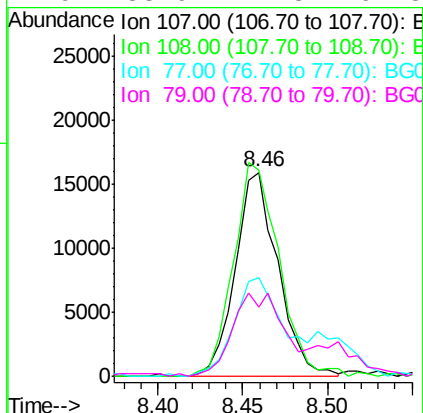
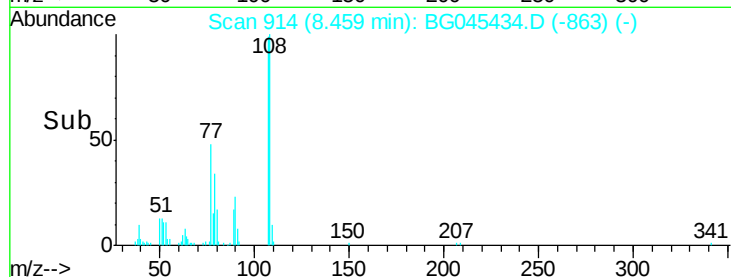
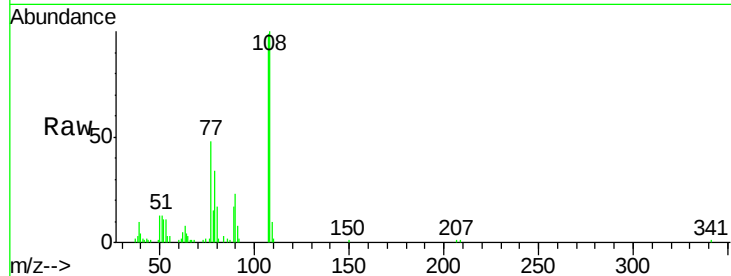
#17
2-Methylphenol
Concen: 6.51 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	27889		
108	100.7	85.2	127.8	
77	48.2	41.6	62.4	
79	33.9	41.8	62.8	#

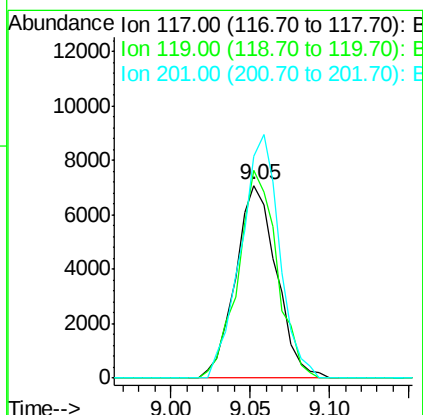
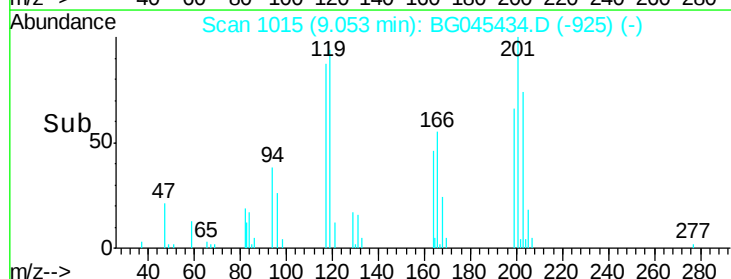
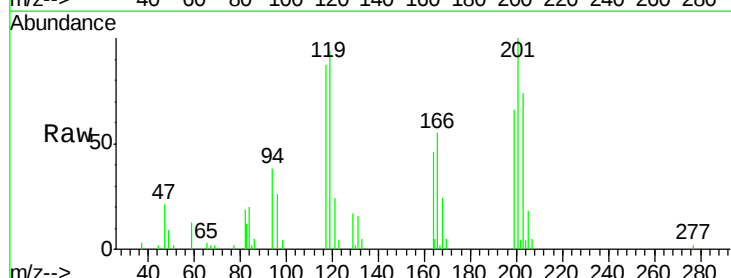
Manual Integrations
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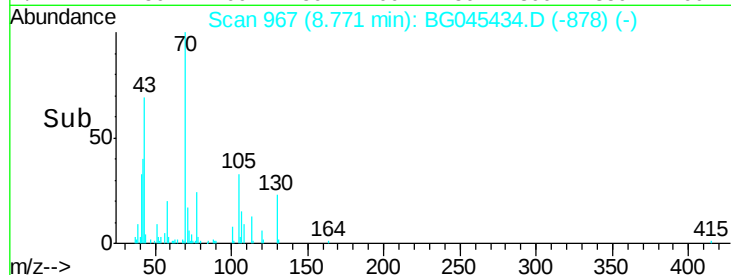
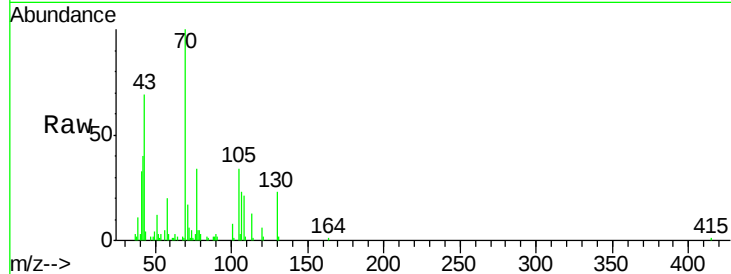
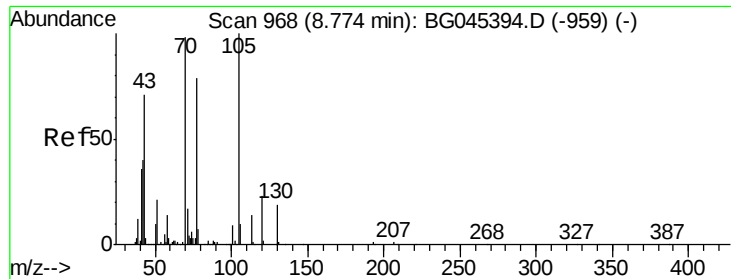
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#18
Hexachloroethane
Concen: 6.52 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	12674		
119	107.9	71.3	106.9	#
201	114.8	87.5	131.3	





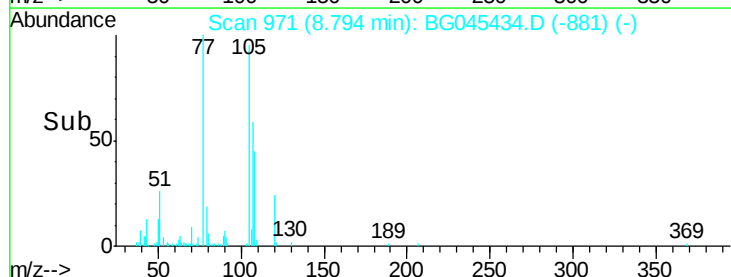
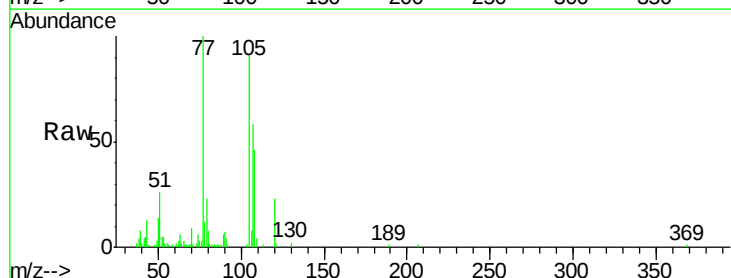
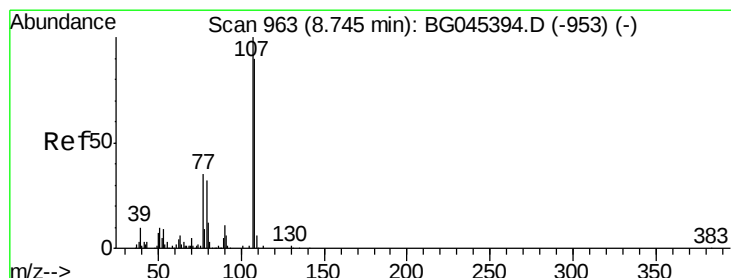
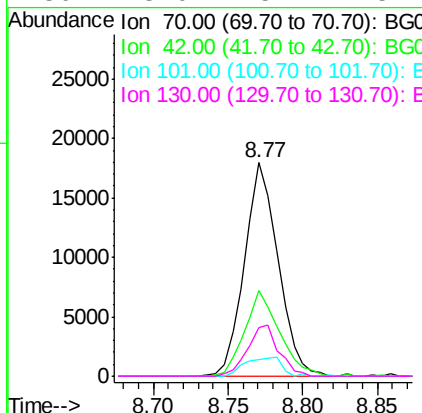
#19
n-Nitroso-di-n-propylamine
Concen: 7.31 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.1	33.2	49.8
101	7.9	7.8	11.6
130	23.0	15.4	23.2

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

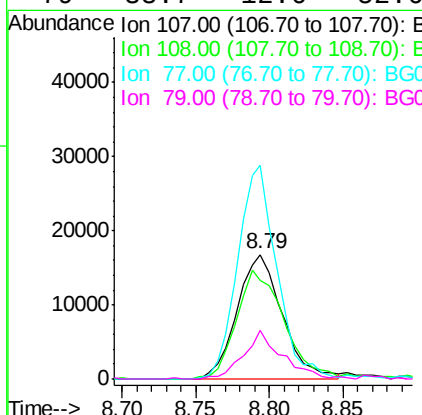
Manual Integrations
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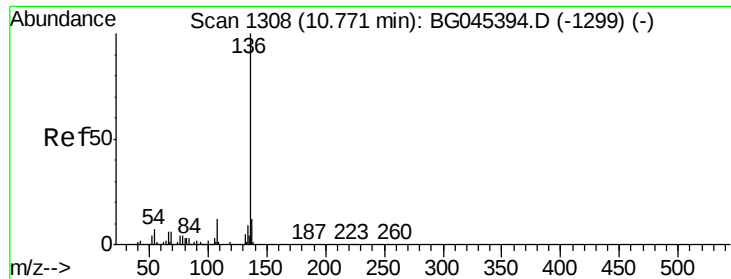
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#20
3+4-Methylphenols
Concen: 6.16 ng m
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.0	70.3	110.3
77	171.7	15.4	55.4#
79	38.7	12.6	52.6





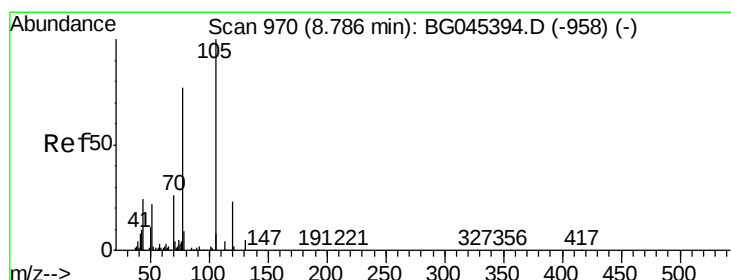
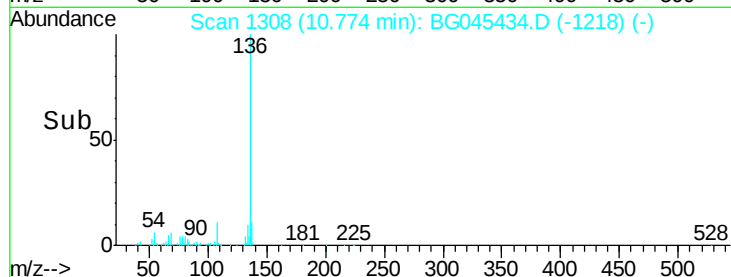
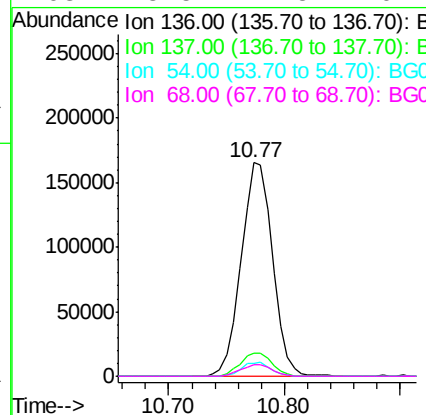
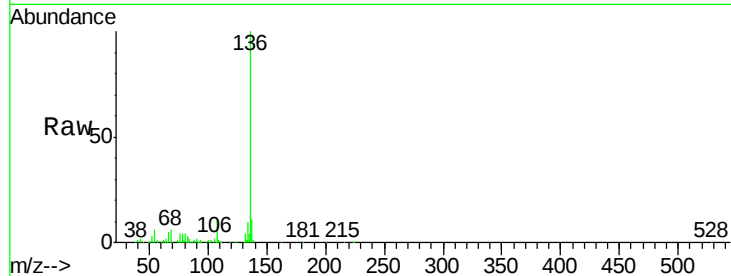
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	311824		
137	10.9	9.4	14.2	
54	6.2	5.8	8.6	
68	5.5	4.5	6.7	

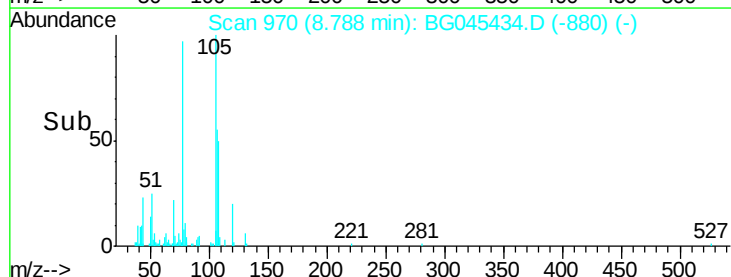
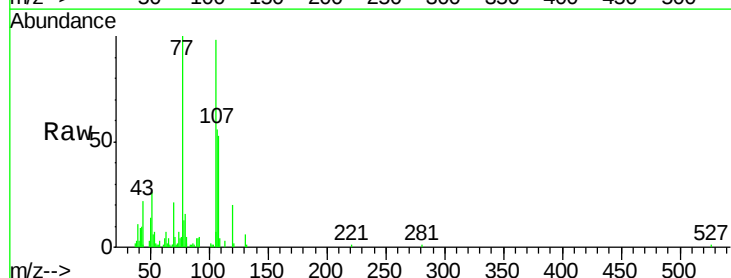
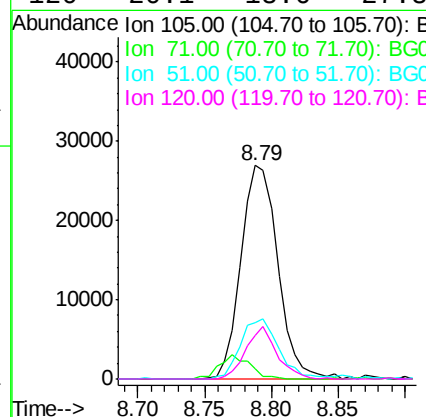
Manual Integrations
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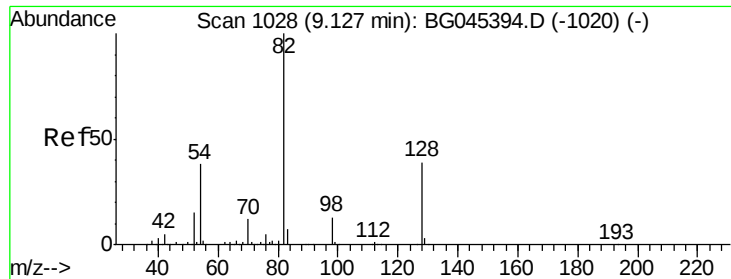
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#22
Acetophenone
Concen: 6.98 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	51600		
71	4.7	3.4	5.0	
51	26.4	18.2	27.2	
120	20.1	18.6	27.8	





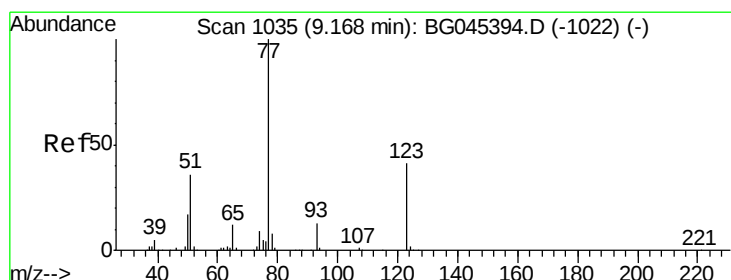
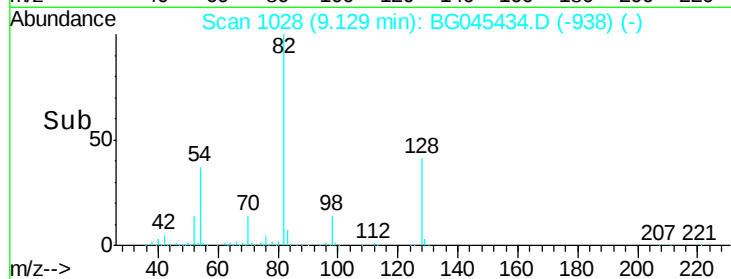
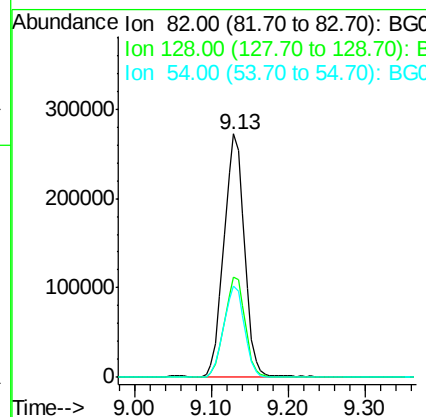
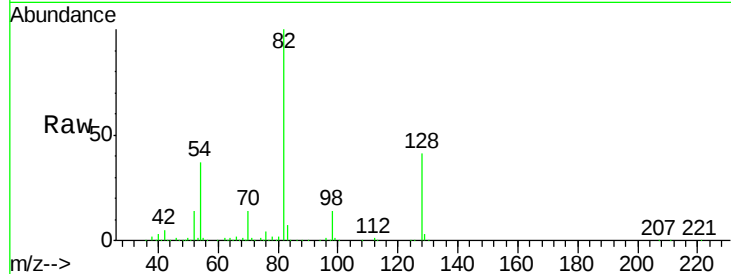
#23
Nitrobenzene-d5
Concen: 87.85 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	502375		
128	41.2	30.9	46.3	
54	37.3	30.3	45.5	

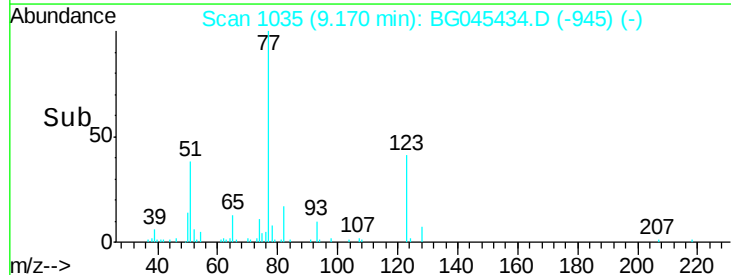
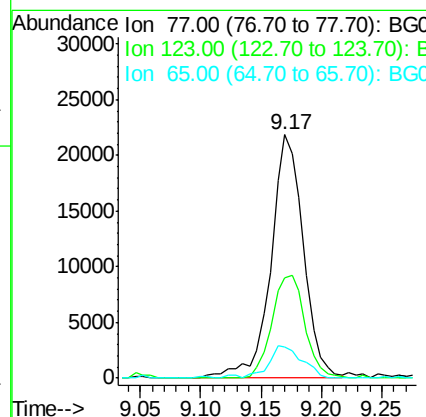
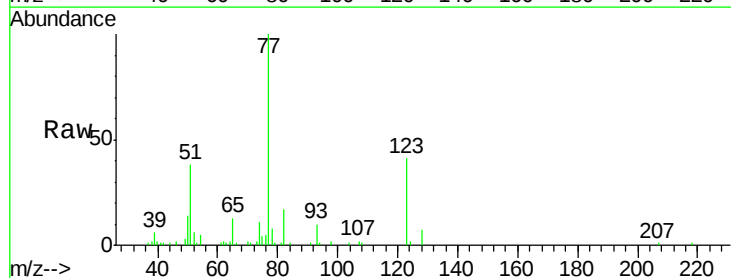
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#24
Nitrobenzene
Concen: 6.66 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	40783		
123	41.1	32.9	49.3	
65	12.5	9.4	14.2	





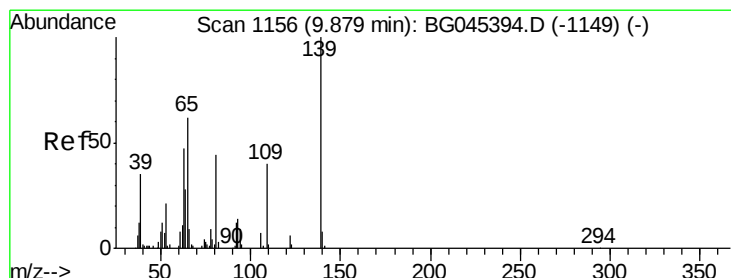
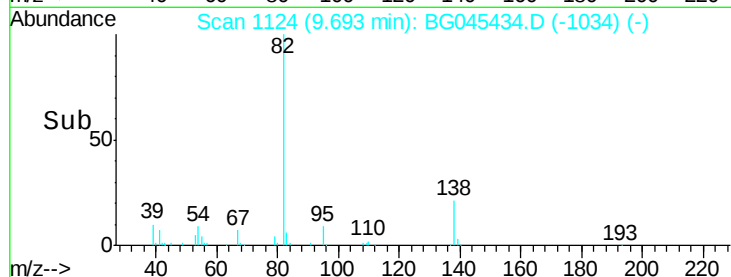
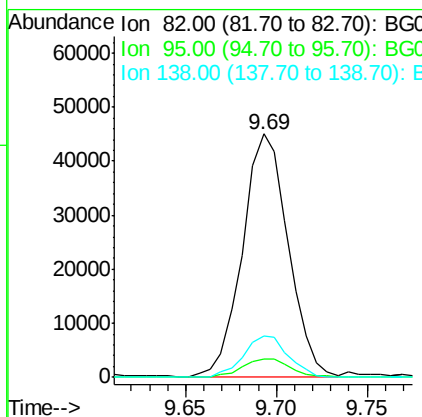
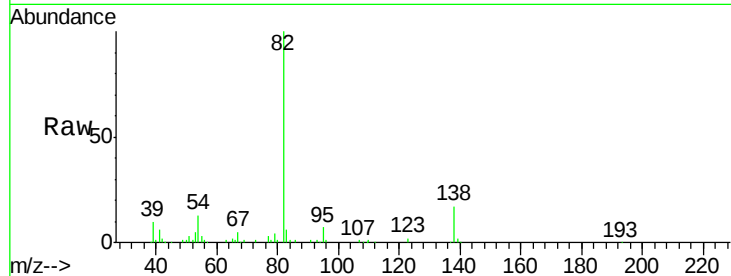
#25
Isophorone
Concen: 7.04 ng
RT: 9.69 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	79248		
95	7.3		6.7	10.1
138	17.2		12.2	18.4

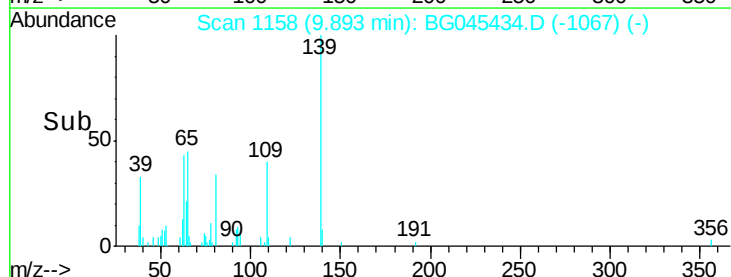
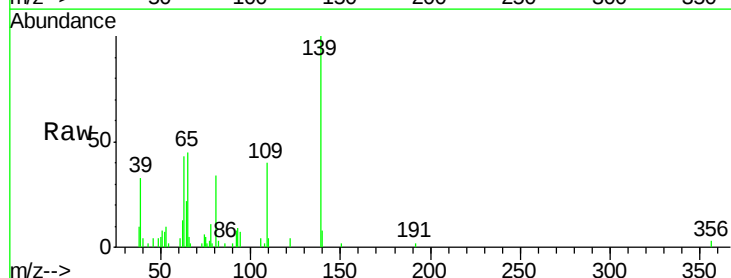
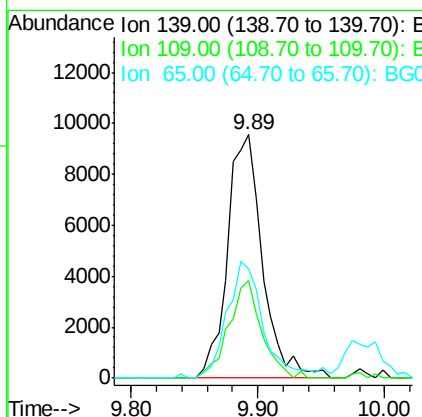
Manual Integrations
APPROVED

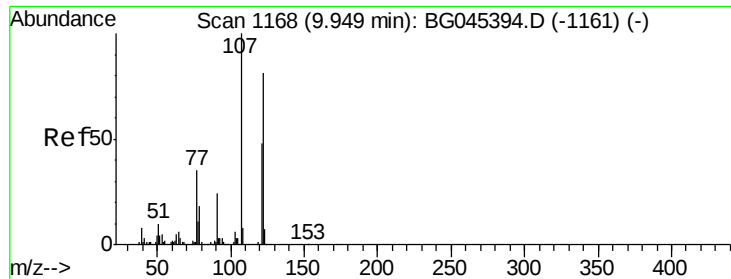
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#26
2-Nitrophenol
Concen: 6.91 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	18118		
109	40.0		32.2	48.4
65	44.7		49.6	74.4#





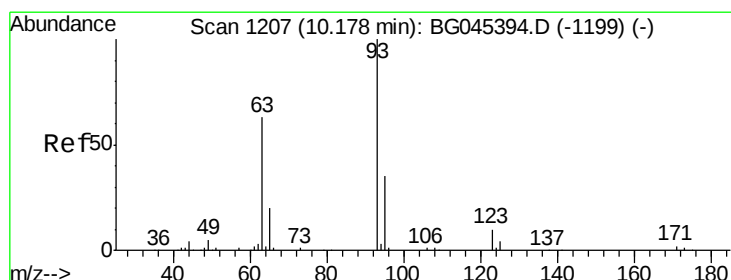
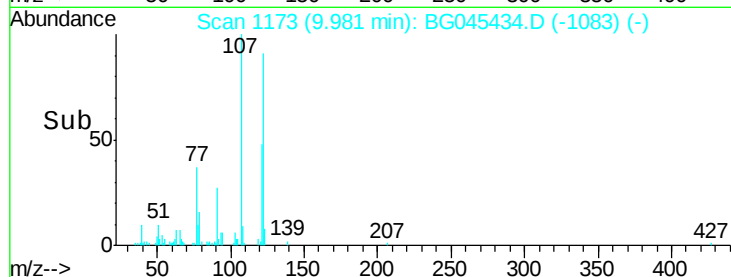
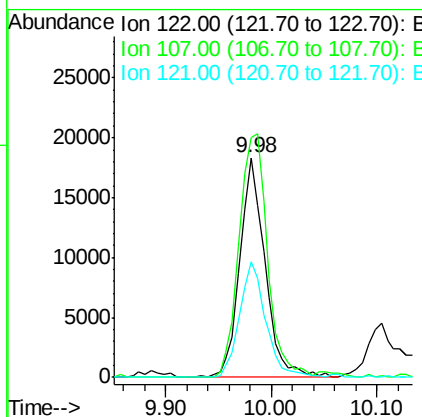
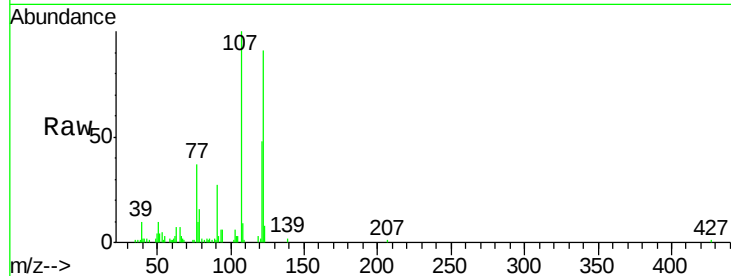
#27
2,4-Dimethylphenol
Concen: 7.83 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	30417		
107	109.6	99.0	148.4	
121	52.6	47.7	71.5	

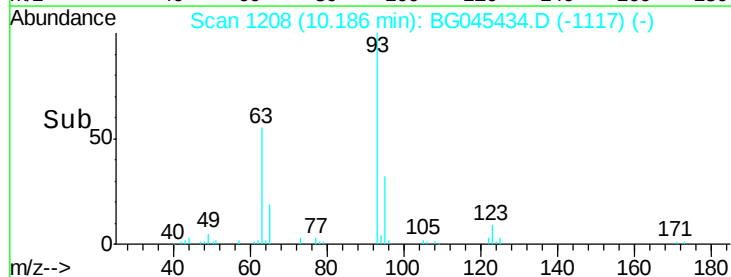
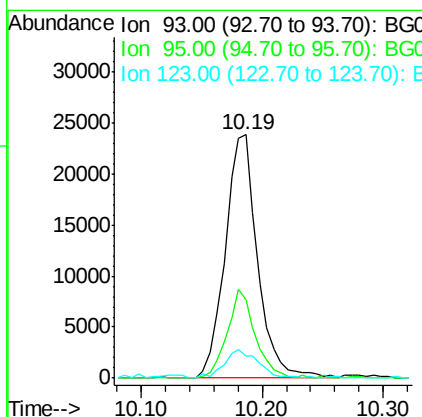
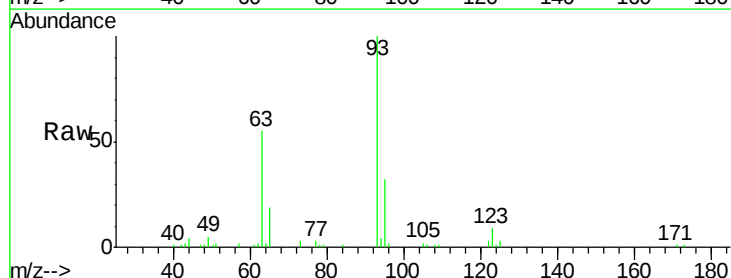
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#28
bis(2-Chloroethoxy)methane
Concen: 7.51 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44325		
95	32.4	27.6	41.4	
123	9.1	8.1	12.1	





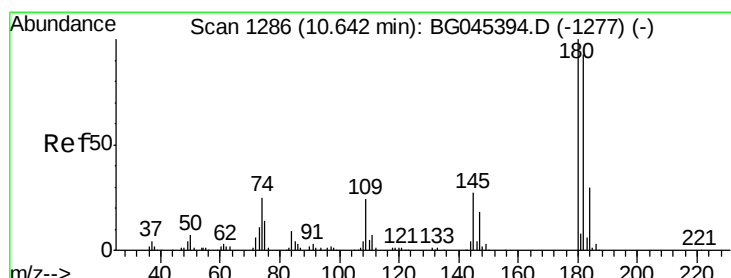
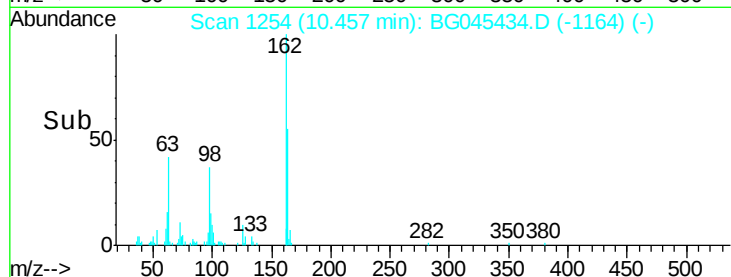
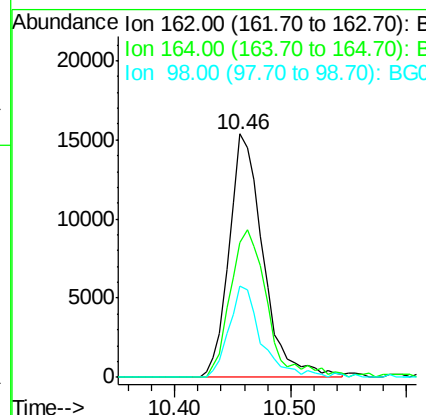
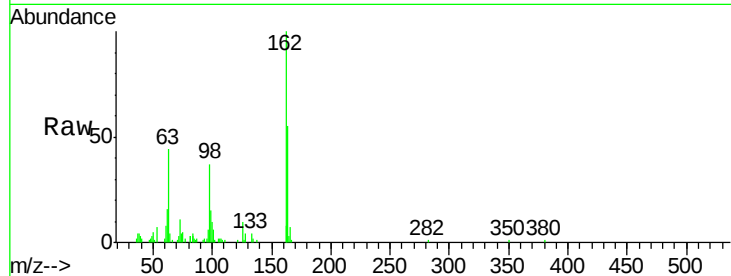
#29
2,4-Dichlorophenol
Concen: 6.84 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	31387		
164	55.4	46.8	86.8	
98	37.5	15.2	55.2	

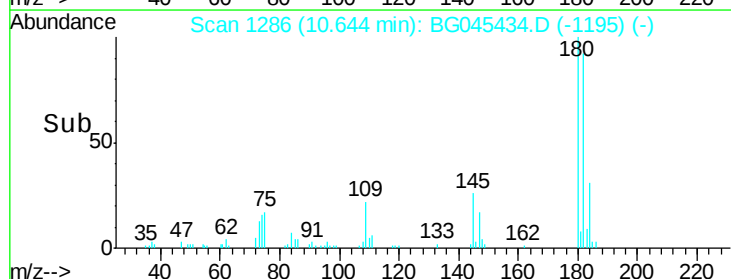
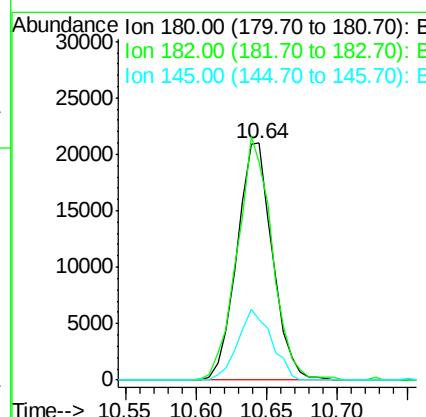
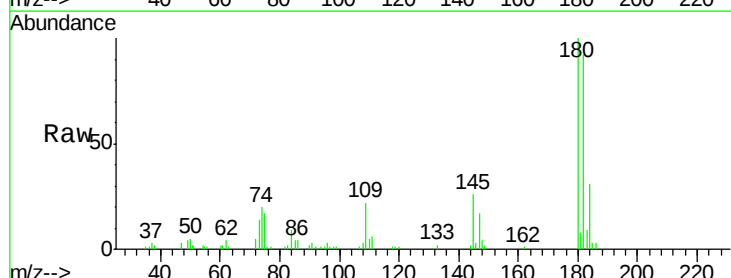
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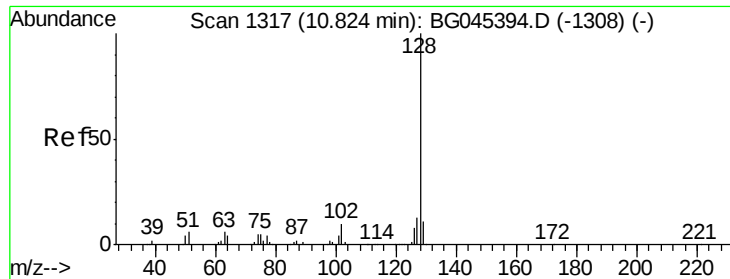
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#30
1,2,4-Trichlorobenzene
Concen: 6.78 ng
RT: 10.64 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	36800		
182	91.9	74.8	112.2	
145	25.8	21.9	32.9	





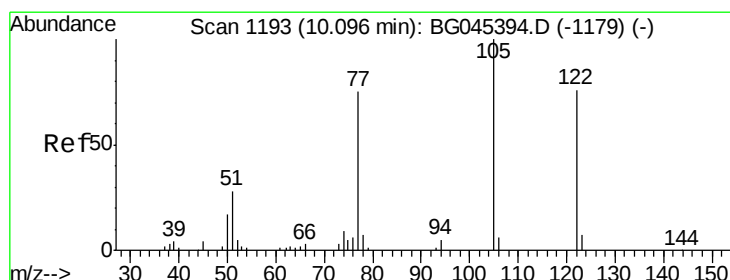
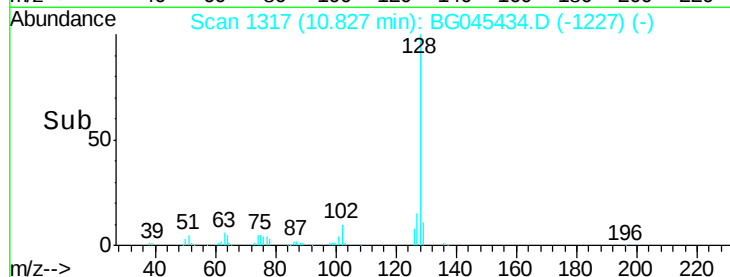
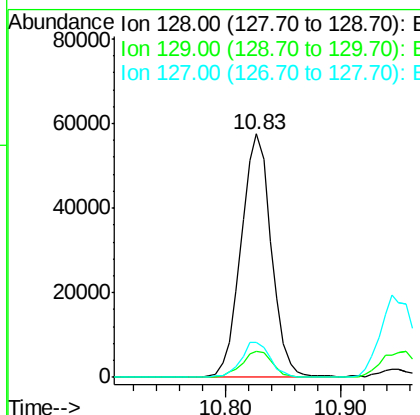
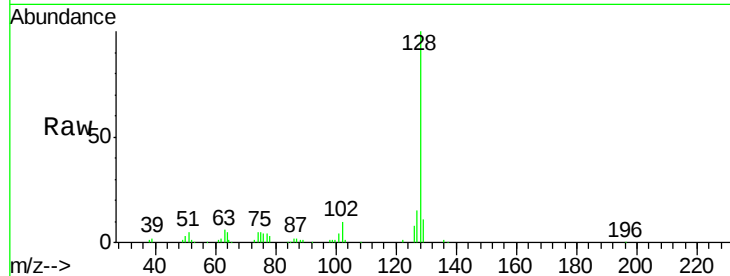
#31
Naphthalene
Concen: 7.20 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	104685		
129	10.7		9.0	13.6
127	14.6		10.7	16.1

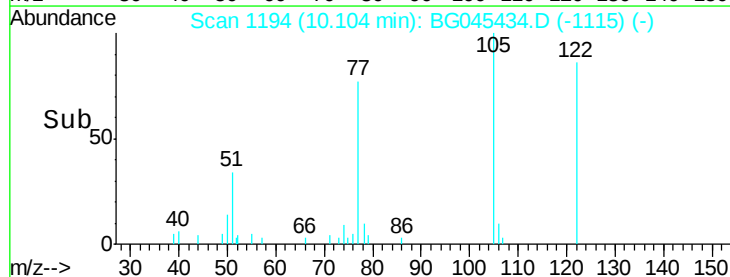
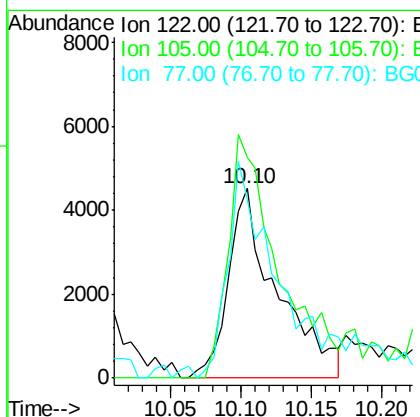
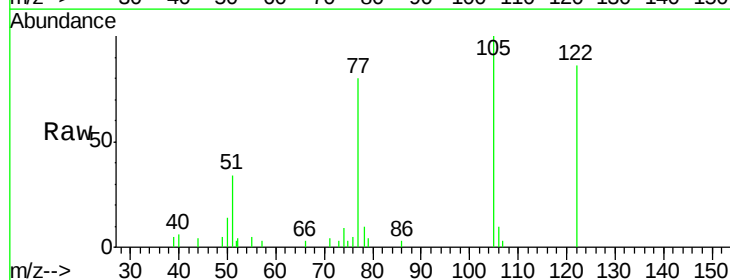
Manual Integrations
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#32
Benzoic acid
Concen: 13.29 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10908		
105	116.6		107.9	147.9
77	93.8		78.9	118.9





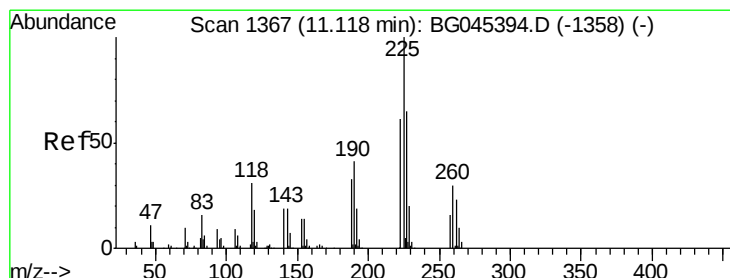
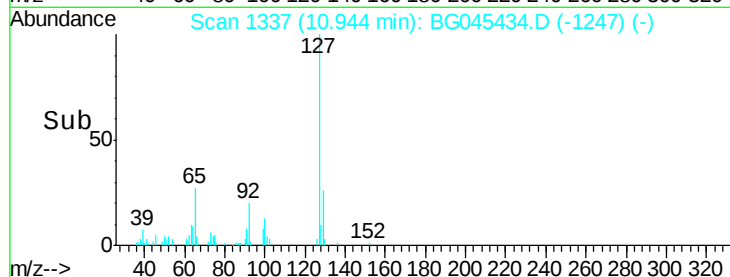
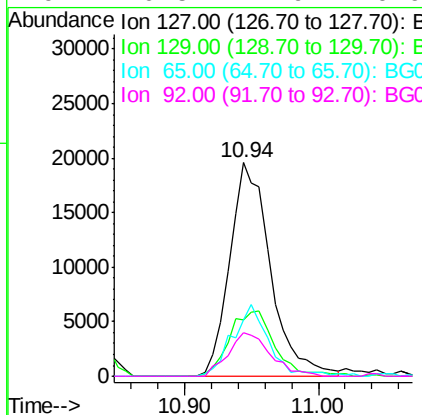
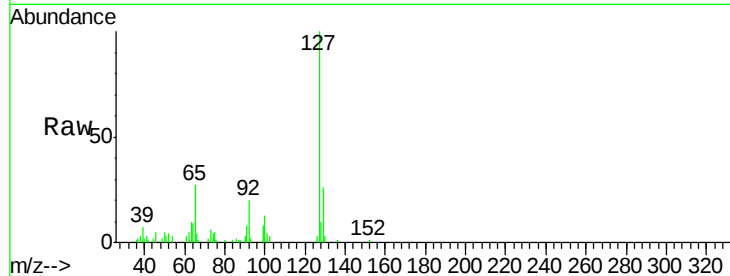
#33
4-Chloroaniline
Concen: 6.82 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	41441		
129	26.4	24.7	37.1	
65	26.6	26.2	39.2	
92	20.5	17.9	26.9	

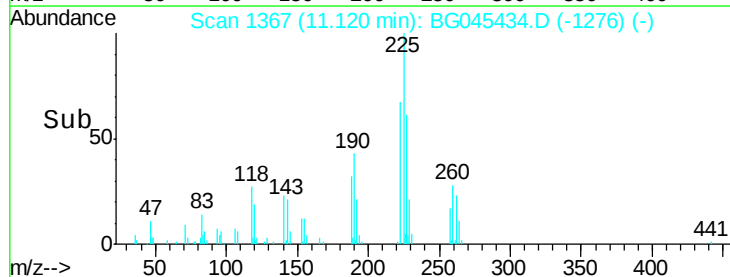
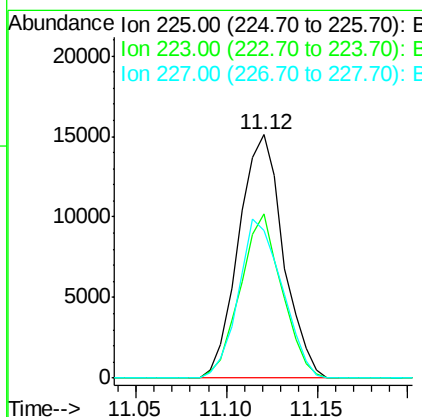
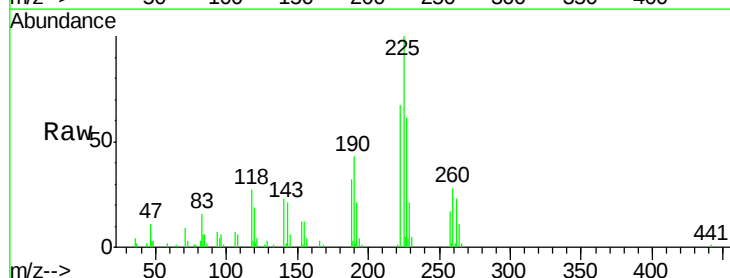
Manual Integrations
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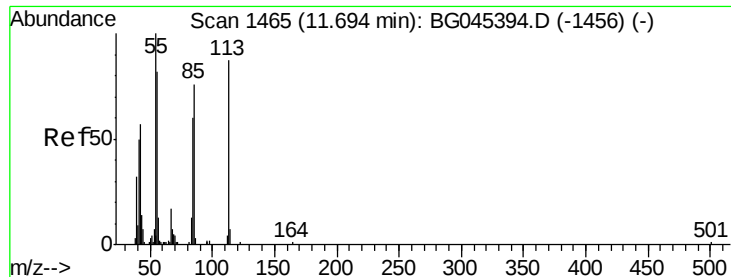
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#34
Hexachlorobutadiene
Concen: 6.71 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25740		
223	67.5	49.1	73.7	
227	60.7	52.0	78.0	





#35

Caprolactam

Concen: 7.53 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.03 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

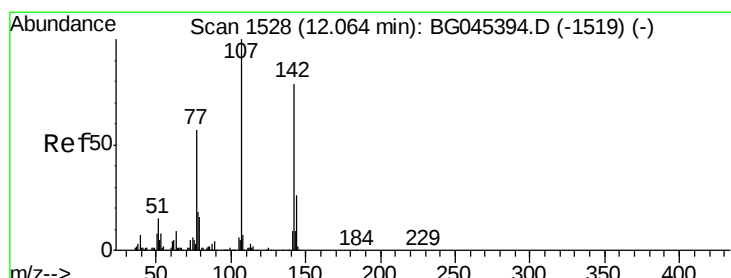
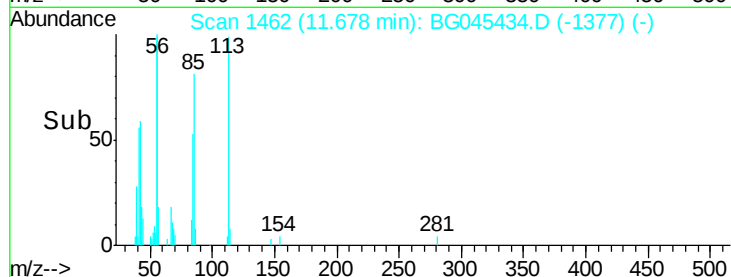
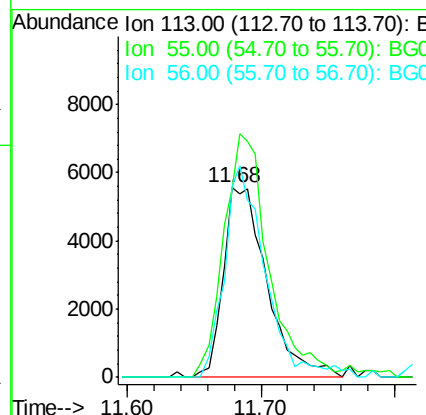
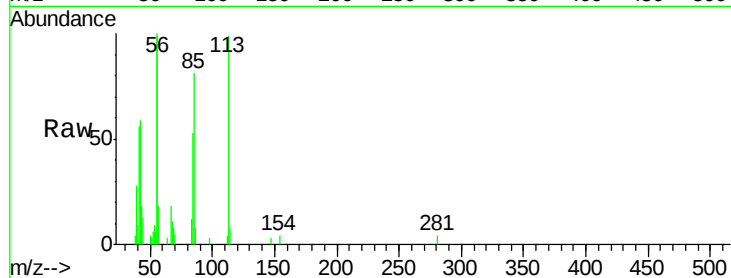
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	113	Resp:	12686
Ion Ratio	Lower	Upper	
113	100		
55	99.6	96.0	136.0
56	100.8	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 7.26 ng

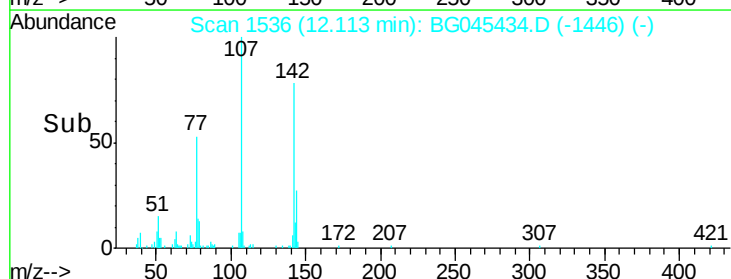
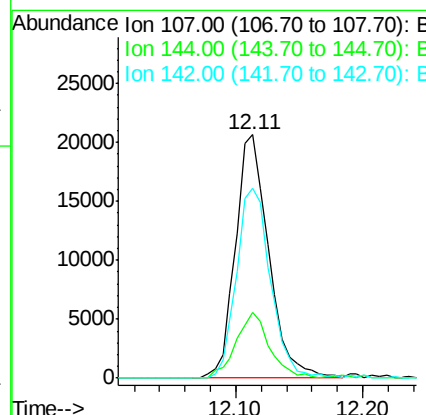
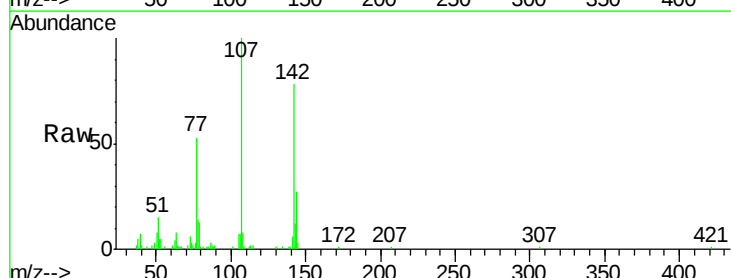
RT: 12.11 min Scan# 1536

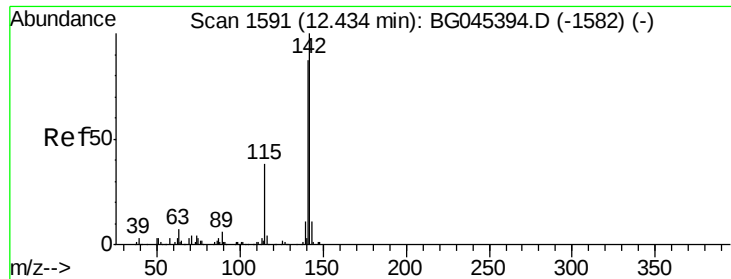
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	107	Resp:	37568
Ion Ratio	Lower	Upper	
107	100		
144	26.9	20.8	31.2
142	78.0	62.8	94.2





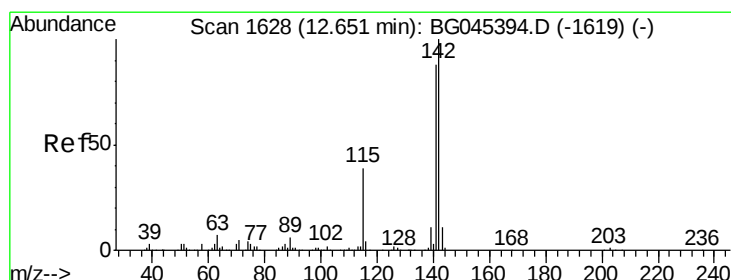
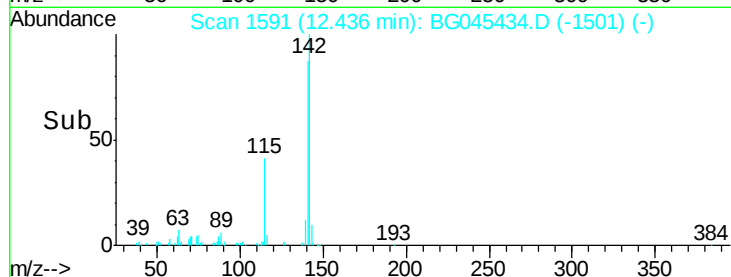
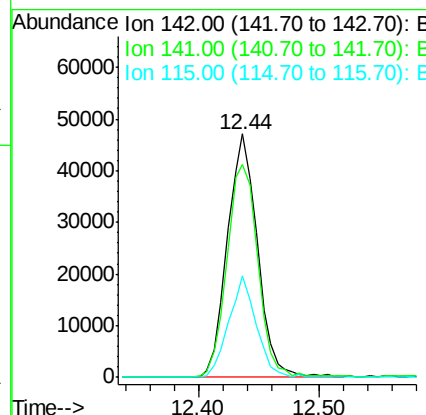
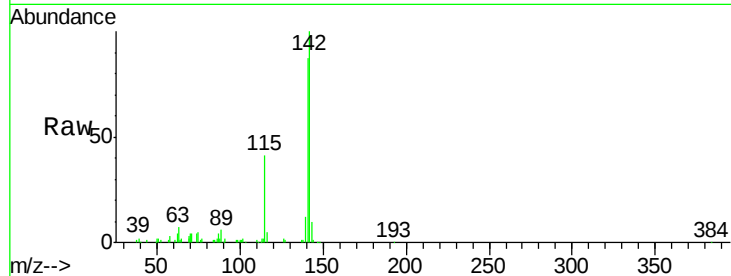
#37
2-Methylnaphthalene
Concen: 7.52 ng
RT: 12.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.0	105.0
115	41.5	30.8	46.2

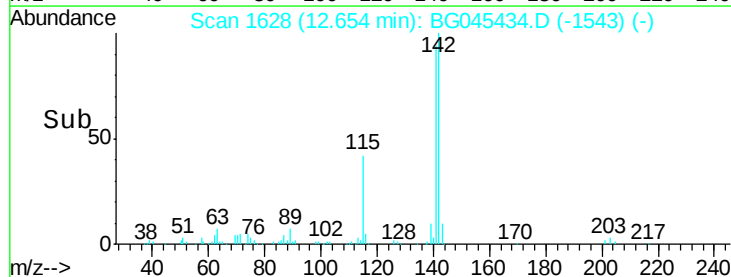
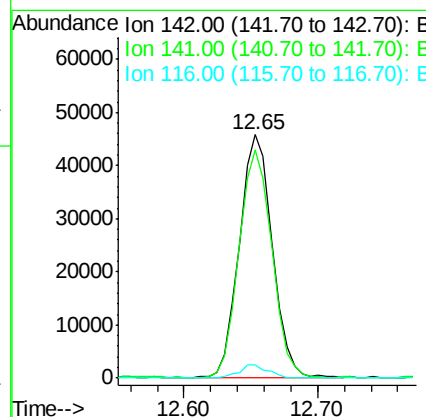
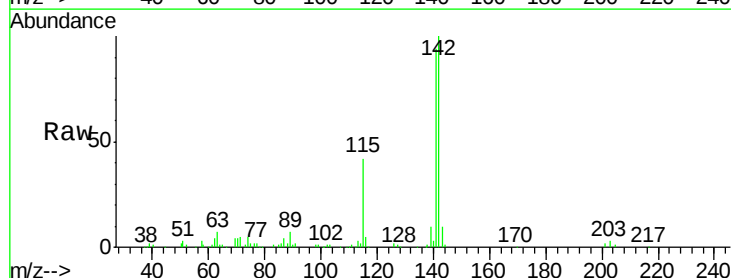
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#38
1-Methylnaphthalene
Concen: 7.66 ng
RT: 12.65 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.8	106.2
116	5.2	3.0	4.6#





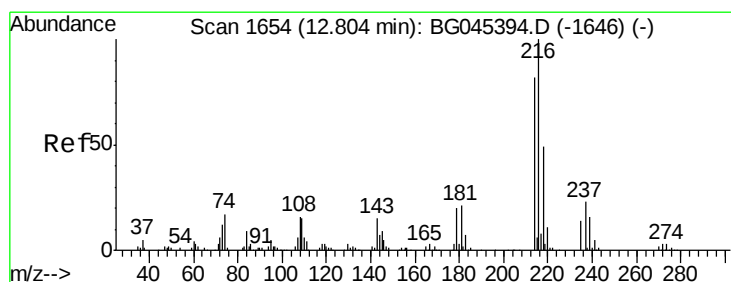
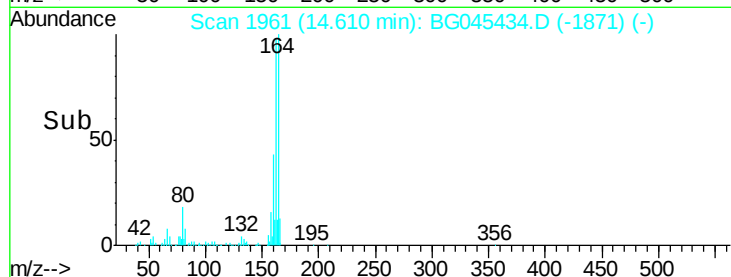
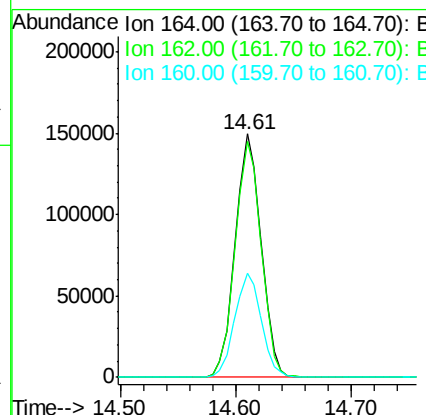
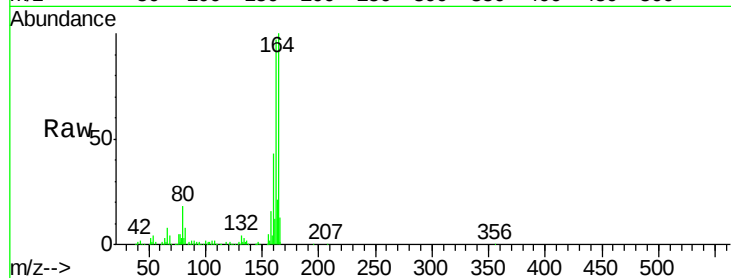
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	76.9	115.3
160	42.8	33.8	50.8

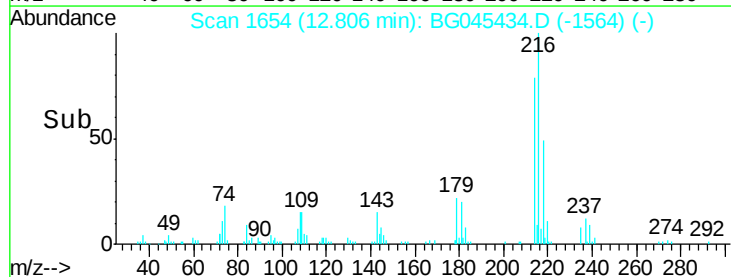
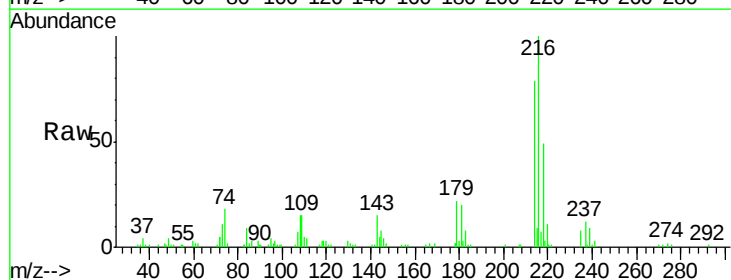
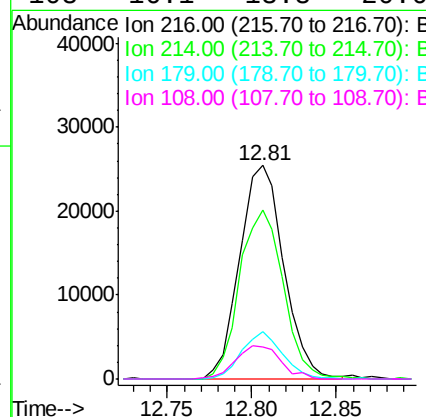
Manual Integrations
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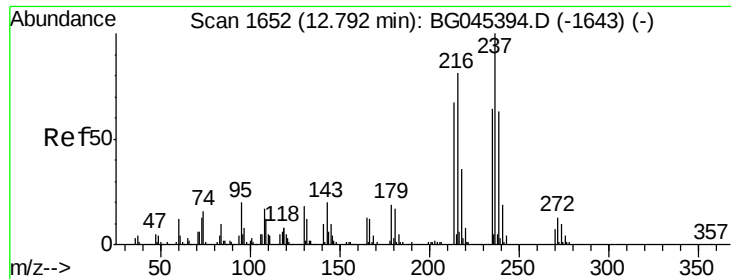
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.12 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	20.6	16.1	24.1
108	16.1	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 5.39 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

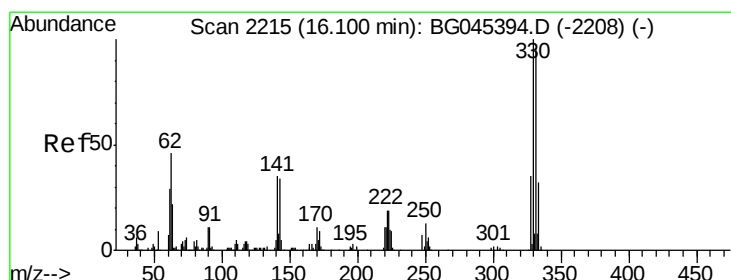
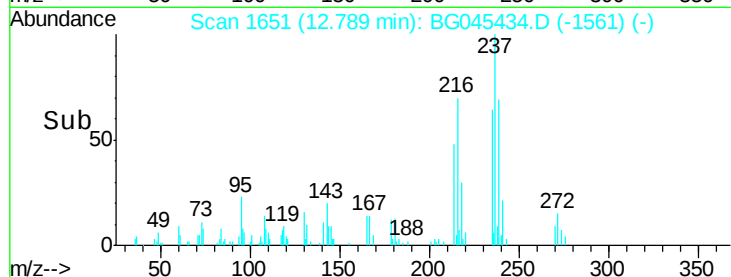
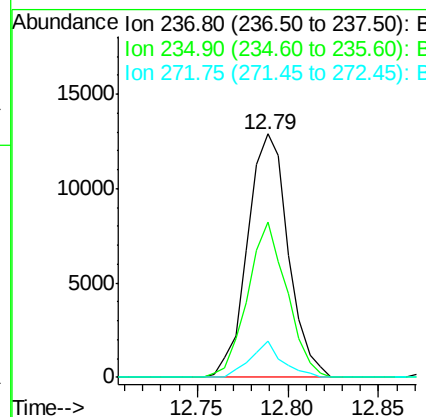
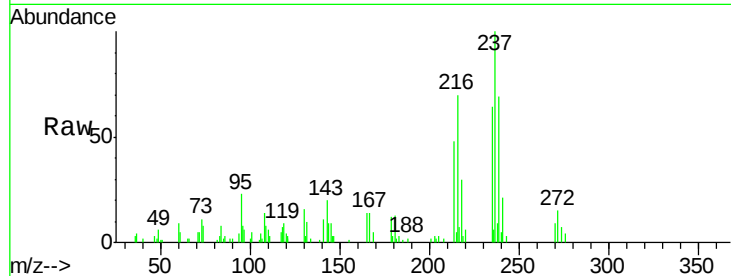
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	237	Resp:	20188
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.4	84.4
272	14.7	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 145.34 ng

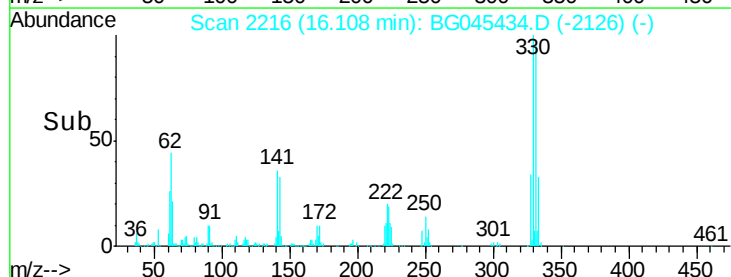
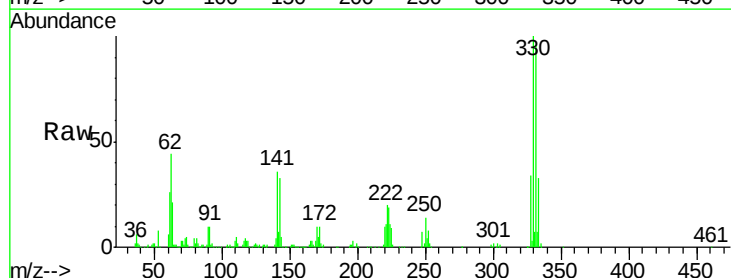
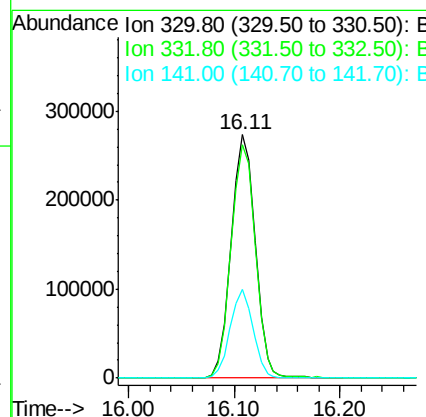
RT: 16.11 min Scan# 2216

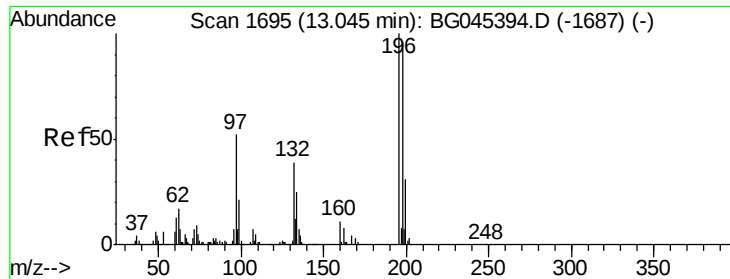
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	330	Resp:	431539
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.4
141	34.6	28.2	42.4





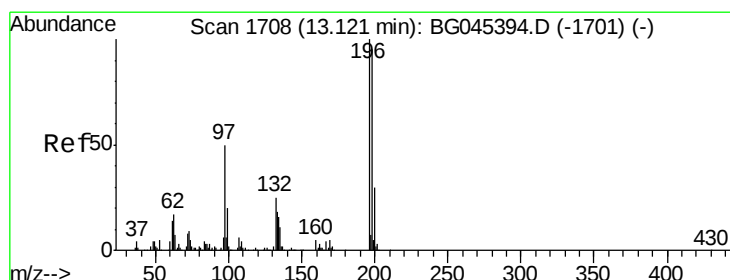
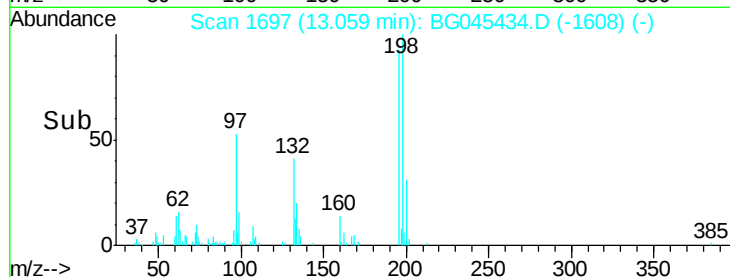
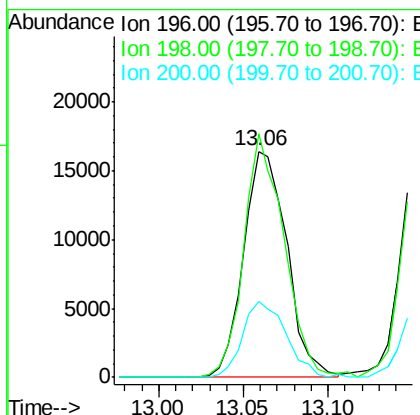
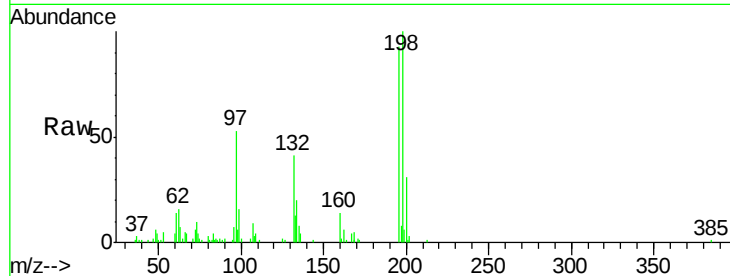
#43
 2,4,6-Trichlorophenol
 Concen: 6.47 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29151		
198	107.9	76.7	115.1	
200	33.8	24.9	37.3	

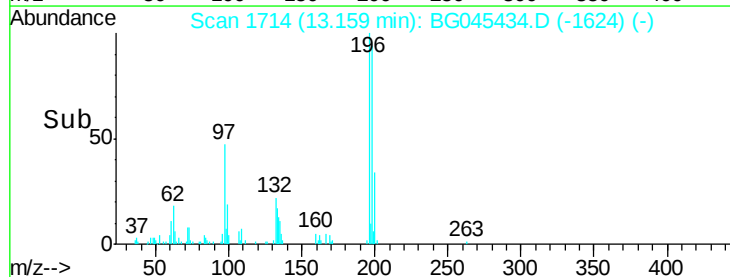
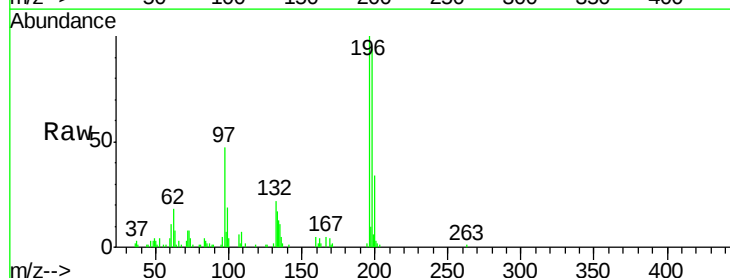
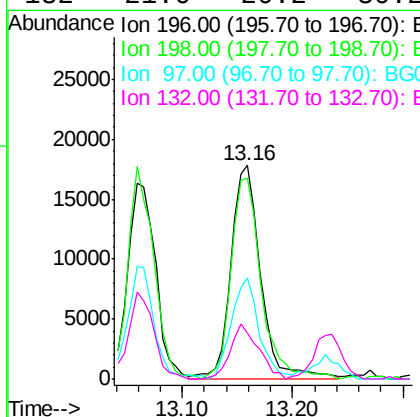
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#44
 2,4,5-Trichlorophenol
 Concen: 6.57 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33816		
198	94.3	76.1	114.1	
97	47.3	40.0	60.0	
132	21.6	20.2	30.2	





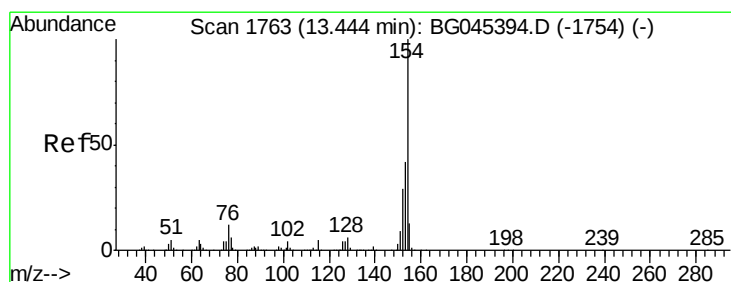
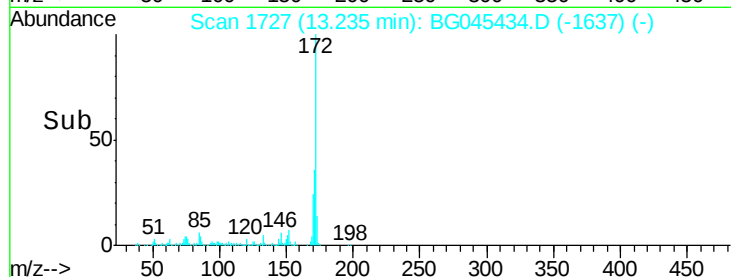
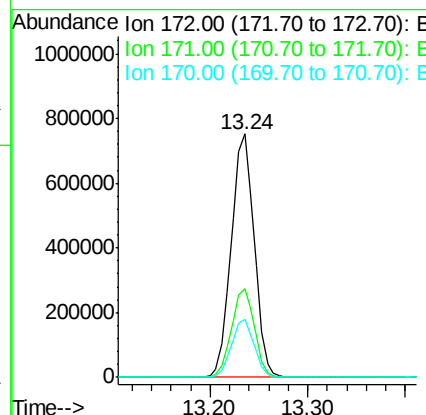
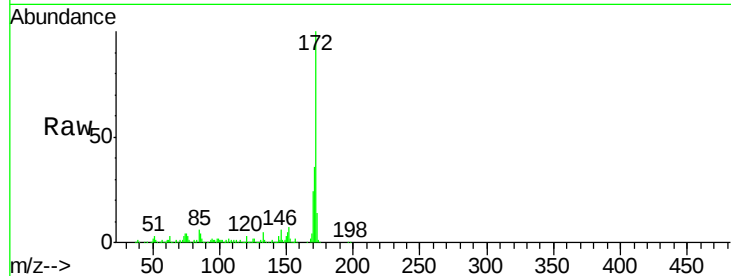
#45
 2-Fluorobiphenyl
 Concen: 89.71 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.1	18.5	27.7

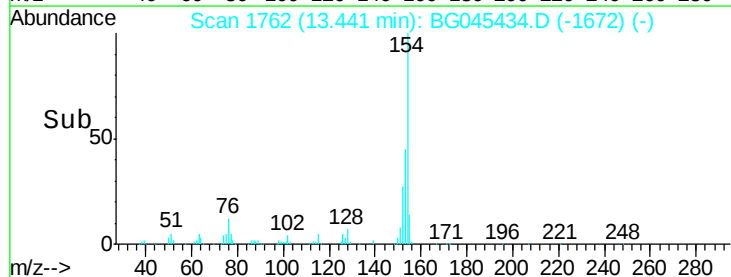
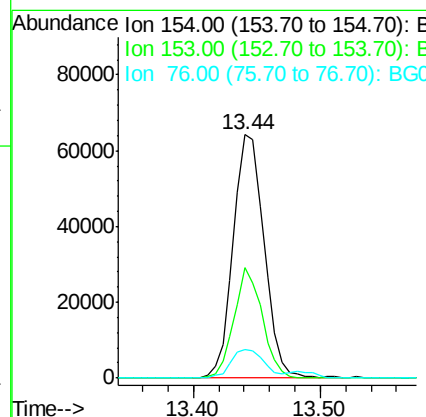
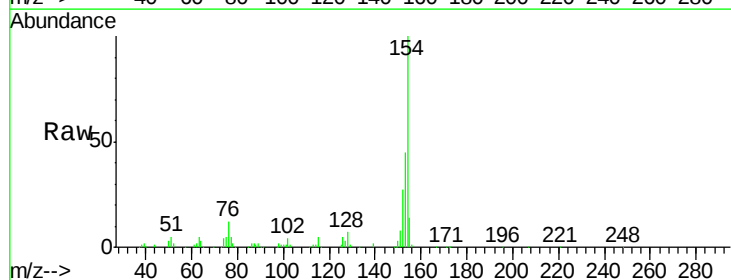
Manual Integrations
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#46
 1,1'-Biphenyl
 Concen: 7.58 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.5	22.2	62.2
76	11.7	0.0	32.4





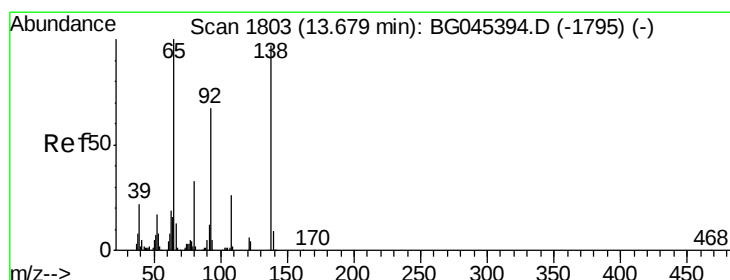
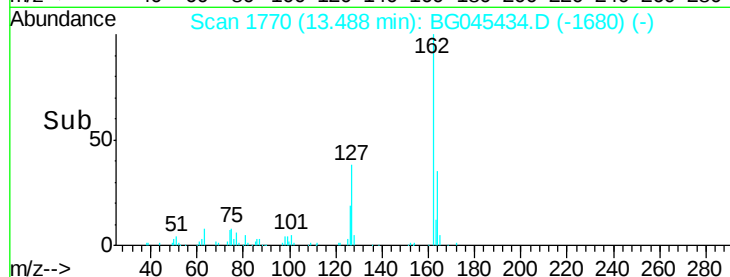
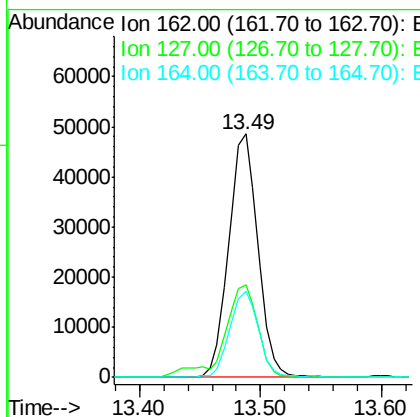
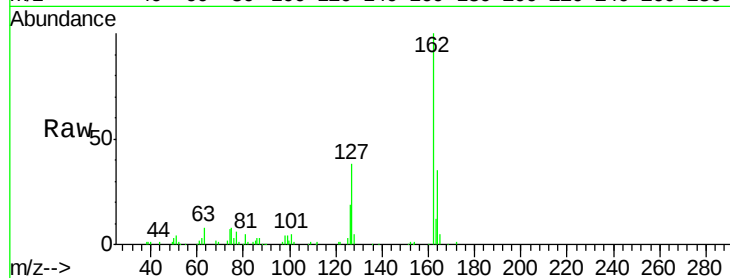
#47
2-Chloronaphthalene
Concen: 7.07 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.6	47.4
164	35.2	28.1	42.1

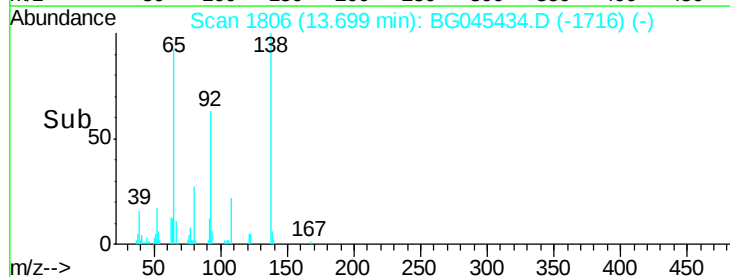
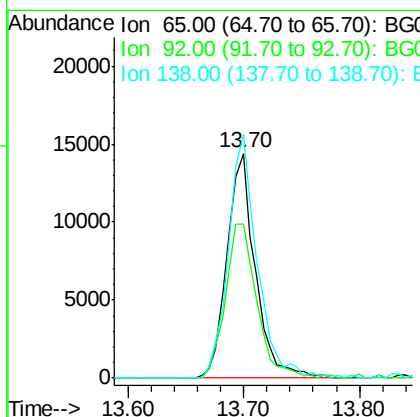
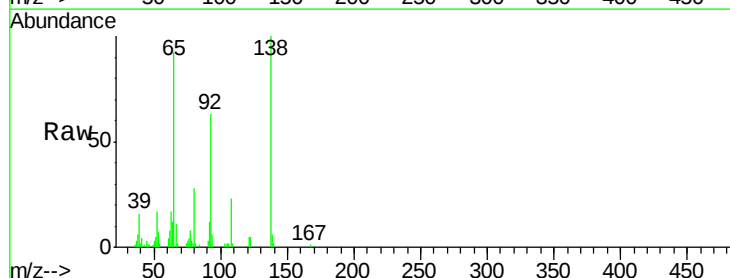
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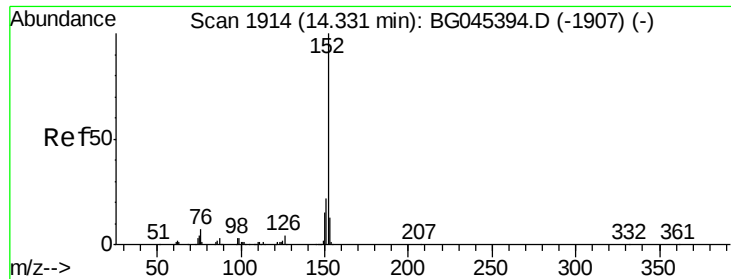
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#48
2-Nitroaniline
Concen: 6.42 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.8
138	108.4	77.9	116.9





#49

Acenaphthylene

Concen: 7.69 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

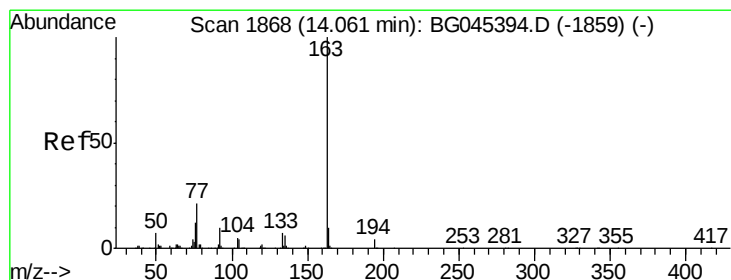
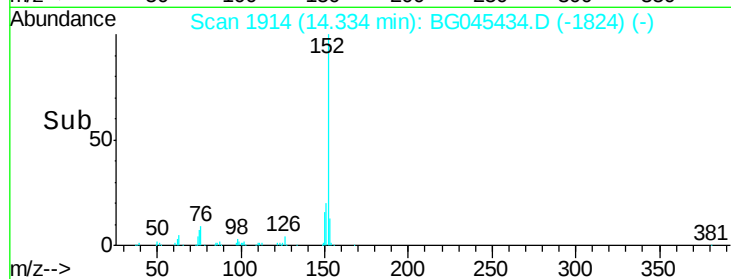
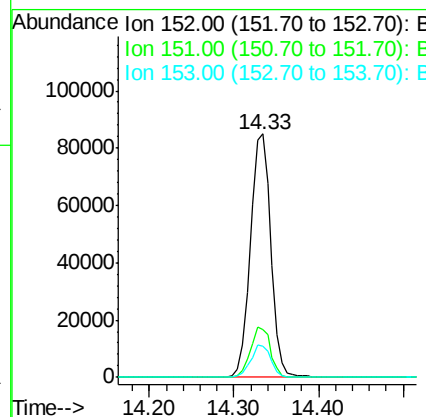
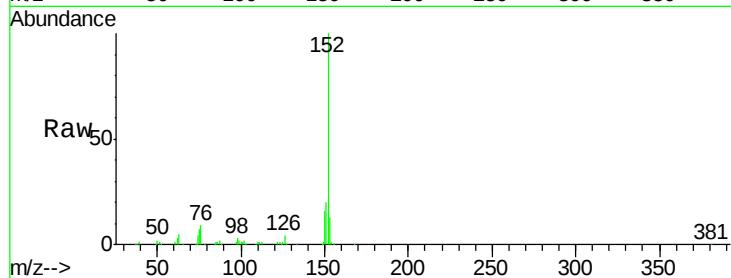
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	143119		
151	19.7		17.4	26.2
153	12.7		10.7	16.1

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#50

Dimethylphthalate

Concen: 7.75 ng

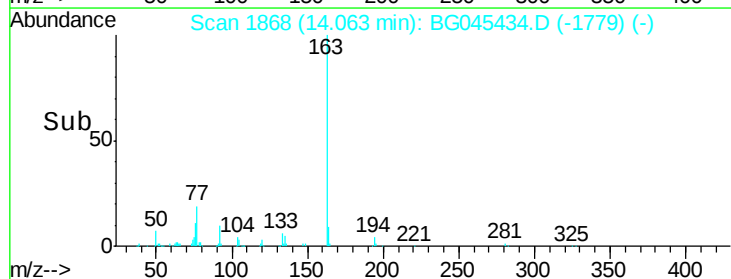
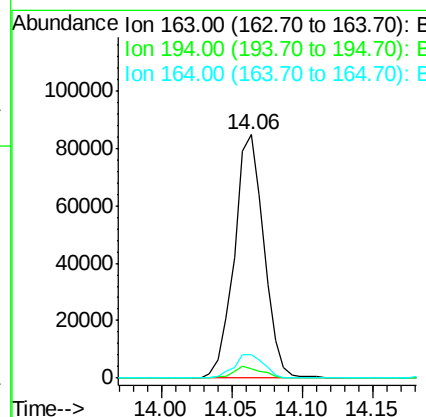
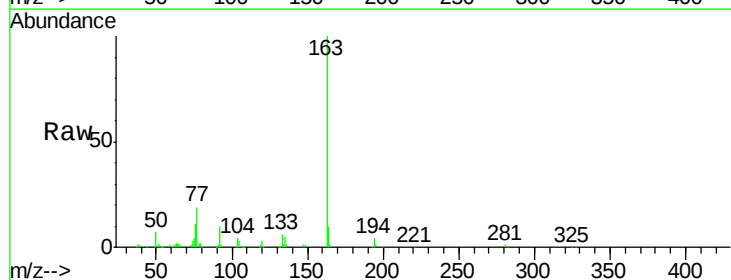
RT: 14.06 min Scan# 1868

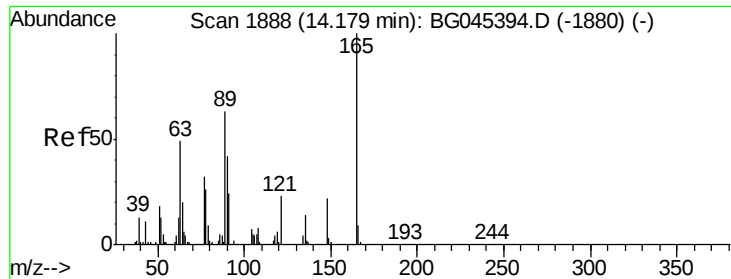
Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	123511		
194	3.9		3.2	4.8
164	9.7		8.3	12.5





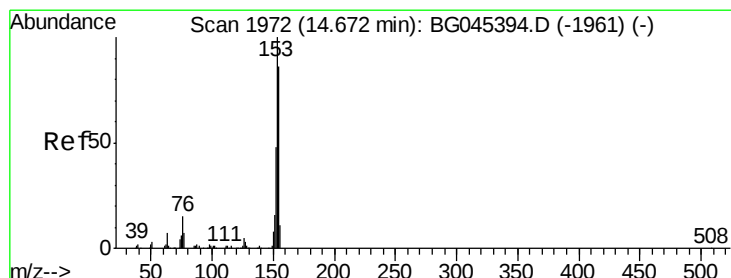
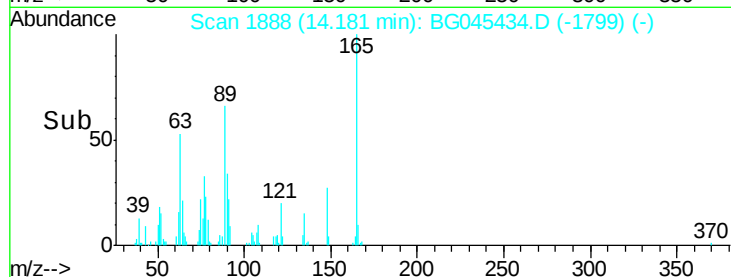
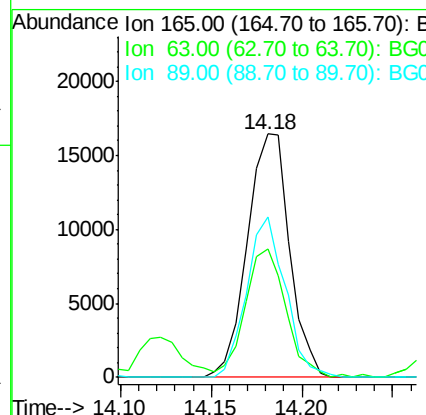
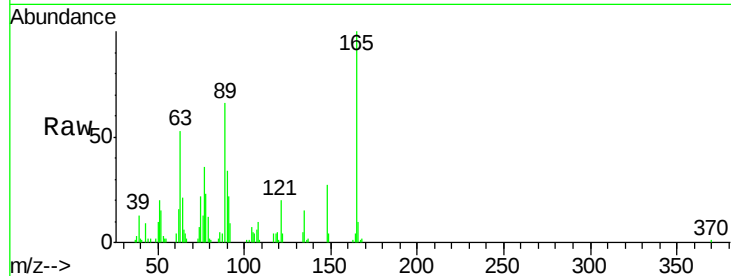
#51
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	26769		
63	52.8	45.0	67.4	
89	65.7	50.2	75.4	

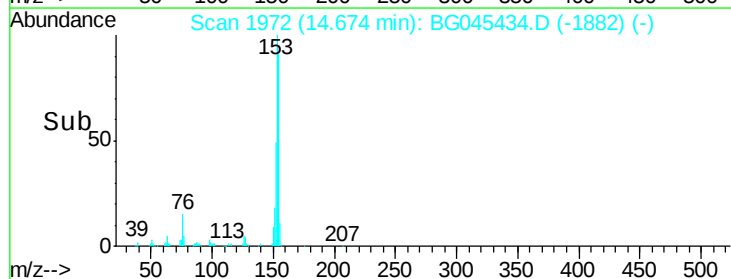
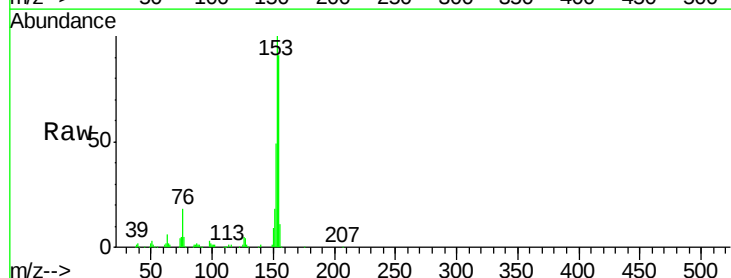
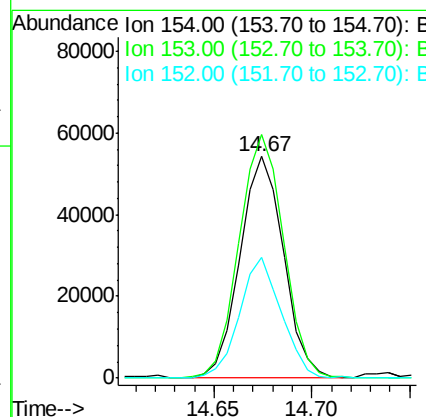
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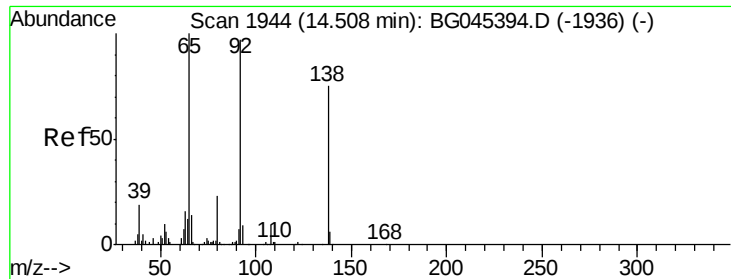
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#52
 Acenaphthene
 Concen: 6.75 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	84088		
153	110.0	92.8	139.2	
152	54.3	44.6	66.8	





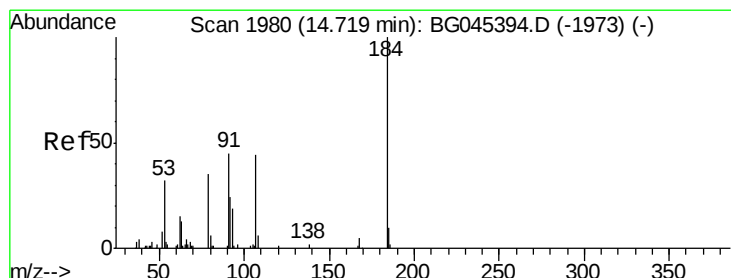
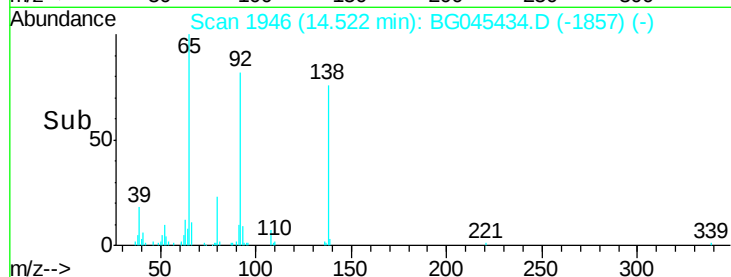
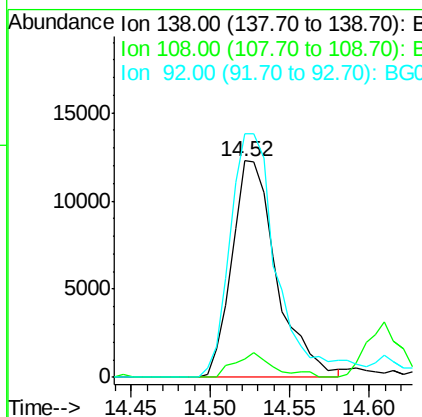
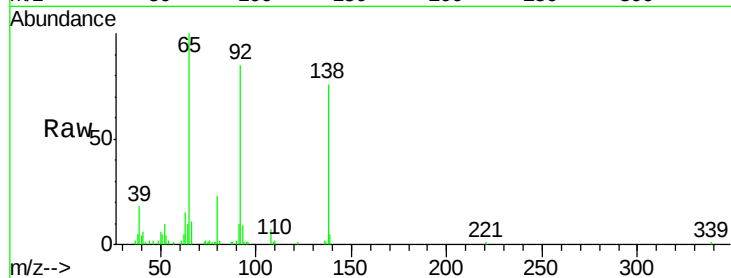
#53
3-Nitroaniline
Concen: 6.56 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion:138 Resp: 23976
Ion Ratio Lower Upper
138 100
108 8.6 9.8 14.6#
92 112.6 103.0 154.4

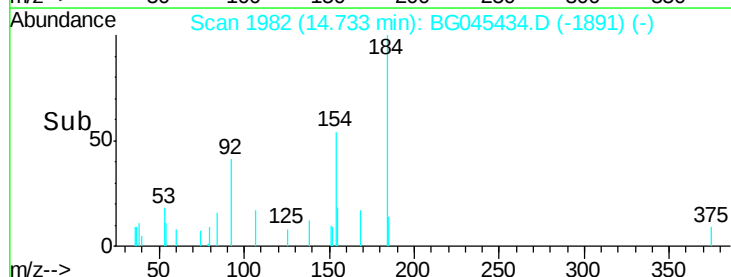
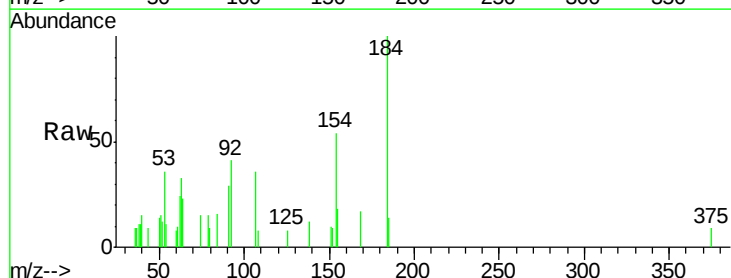
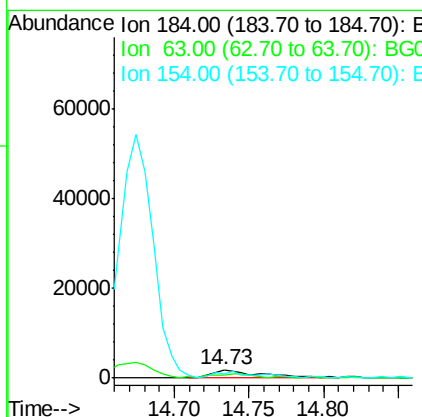
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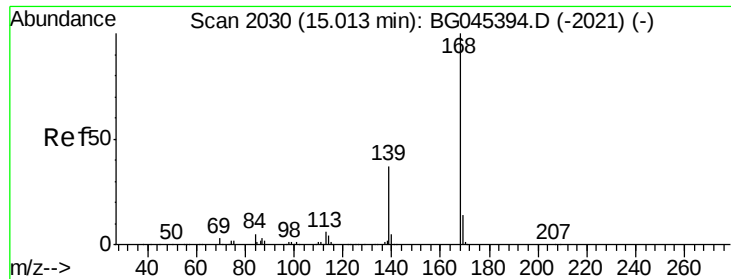
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#54
2,4-Dinitrophenol
Concen: 7.17 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion:184 Resp: 4328
Ion Ratio Lower Upper
184 100
63 33.2 47.8 71.6#
154 53.8 58.3 87.5#





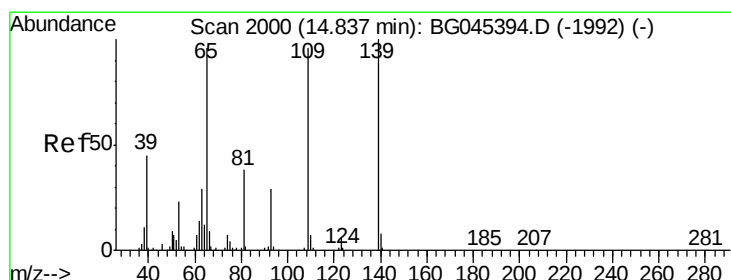
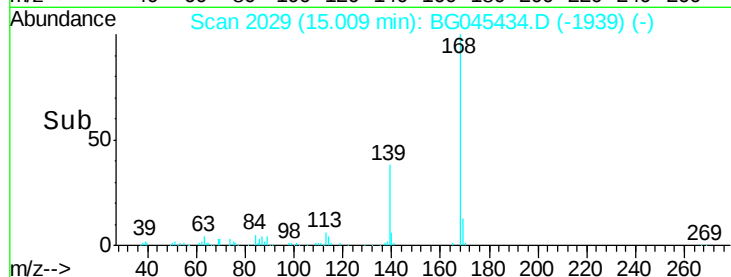
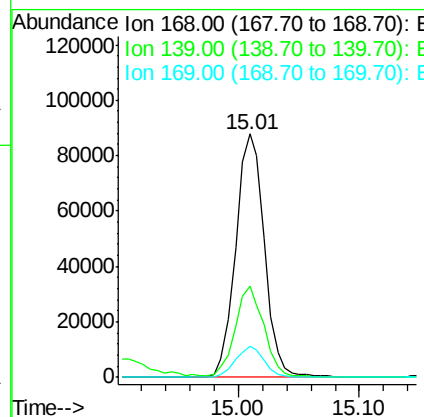
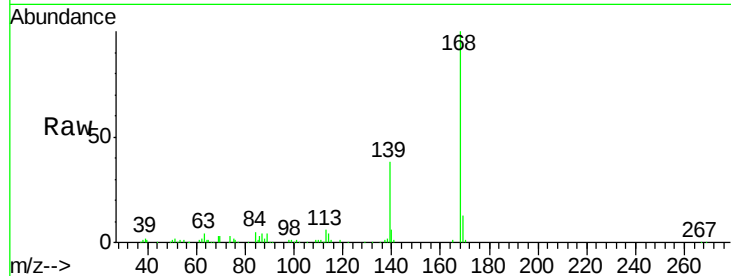
#55
Dibenzenofuran
Concen: 7.83 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	144832		
139	37.6	29.9	44.9	
169	12.8	10.9	16.3	

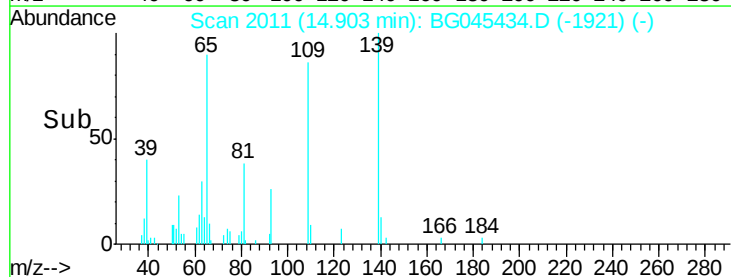
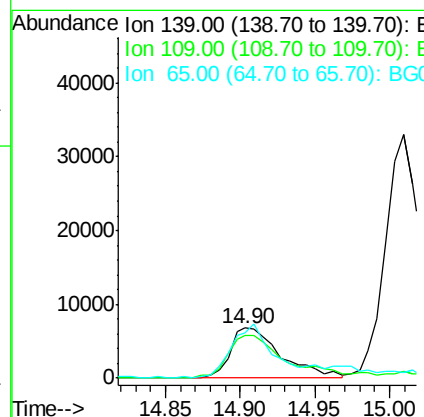
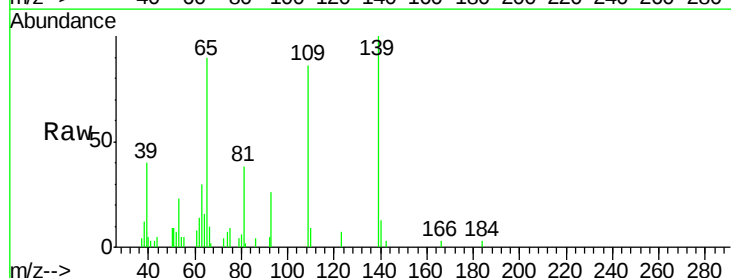
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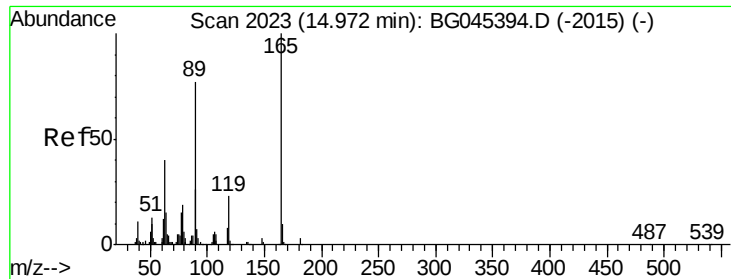
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#56
4-Nitrophenol
Concen: 5.87 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

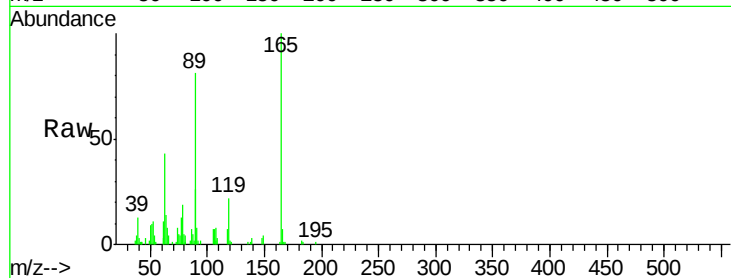
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	16238		
109	86.1	75.6	115.6	
65	90.4	76.8	116.8	





#57
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

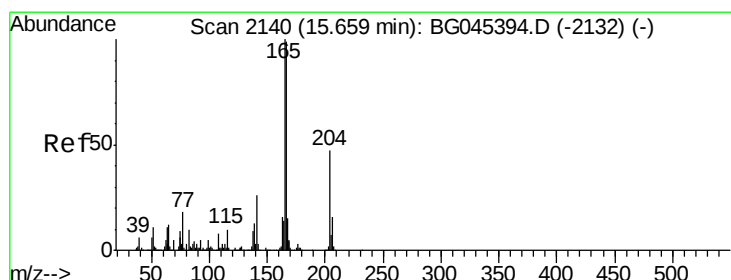
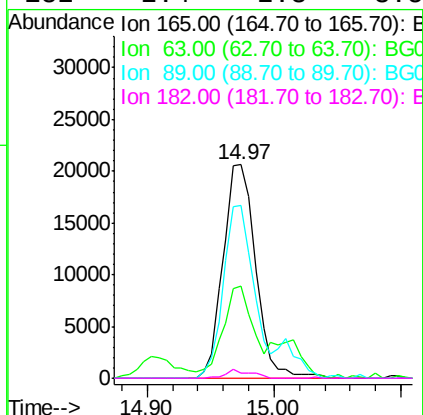
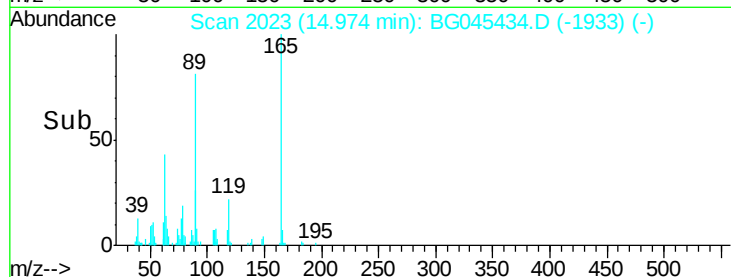
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020



Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	32.5	48.7
89	81.0	61.8	92.6
182	2.4	2.3	3.5

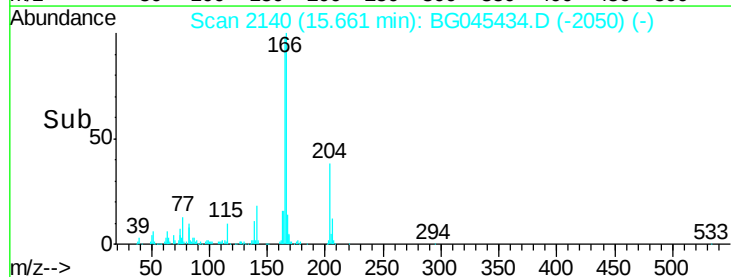
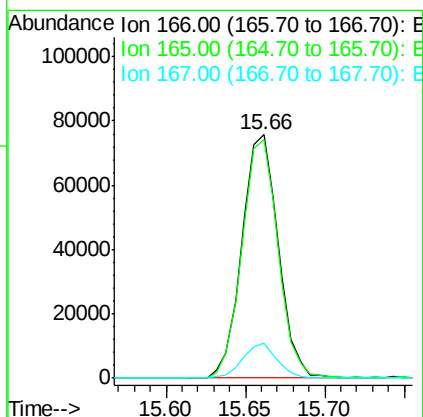
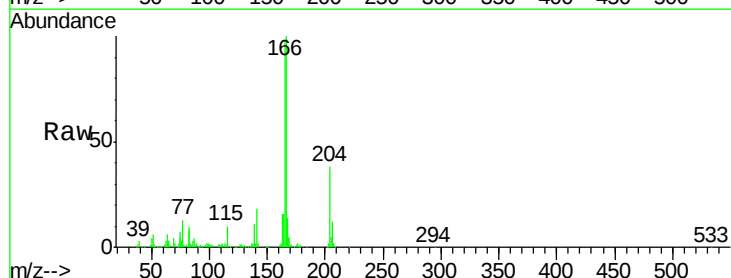
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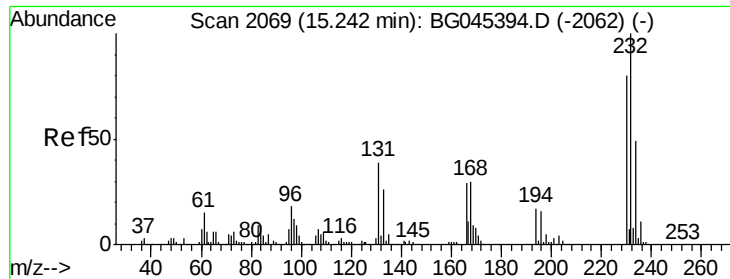
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#58
Fluorene
Concen: 7.94 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.8	121.2
167	14.1	12.0	18.0





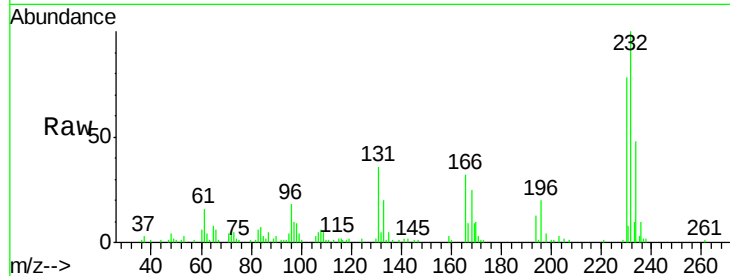
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.44 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	33712		
131	36.9	33.7	50.5	
130	1.3	2.1	3.1	
166	29.0	23.2	34.8	

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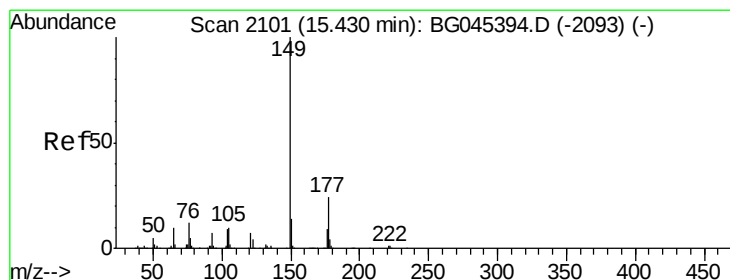
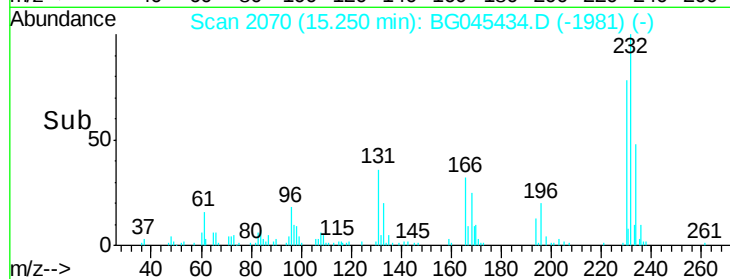
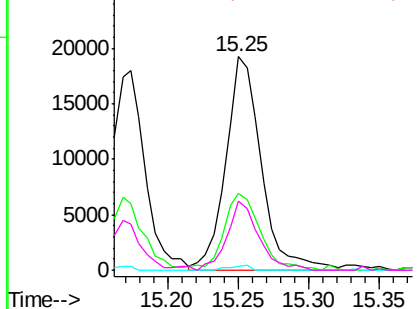


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

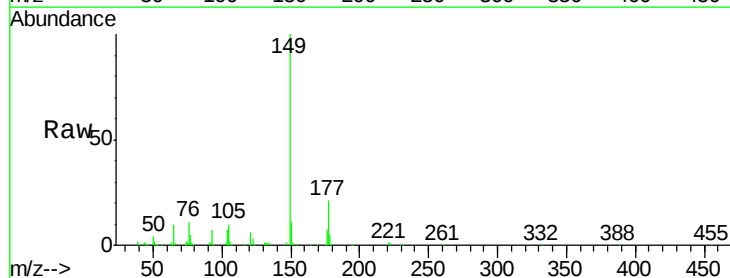
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 7.79 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

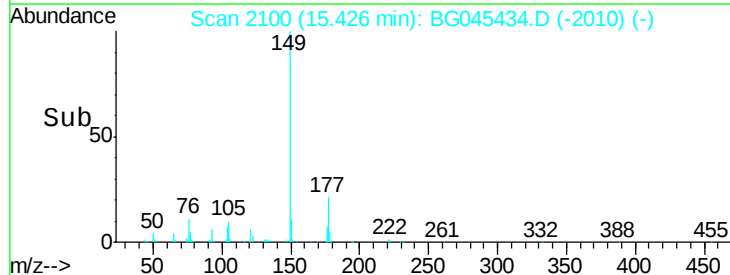
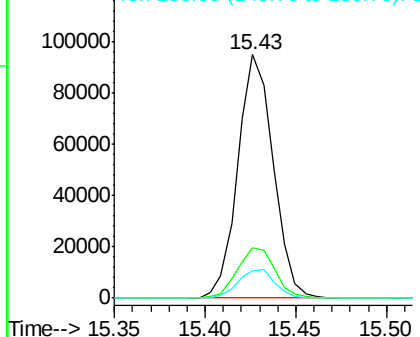
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	129089		
177	20.7	19.0	28.4	
150	11.1	11.4	17.0	

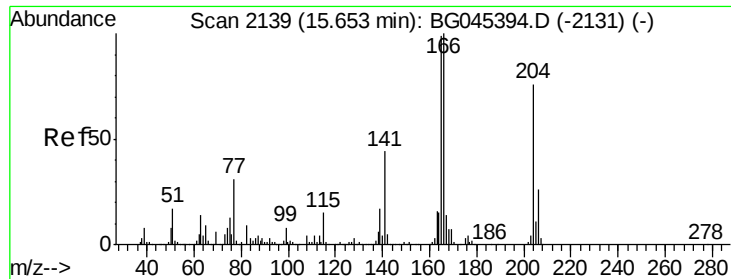


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





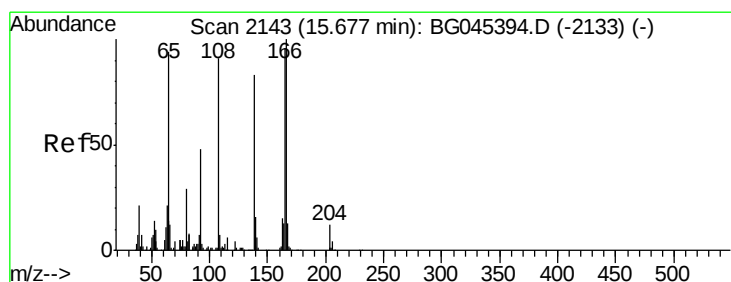
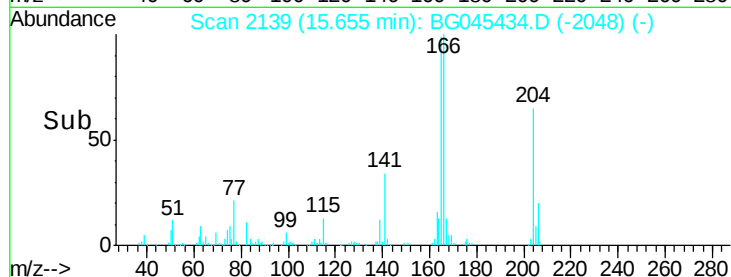
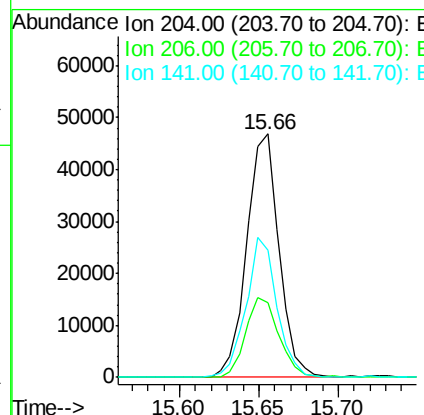
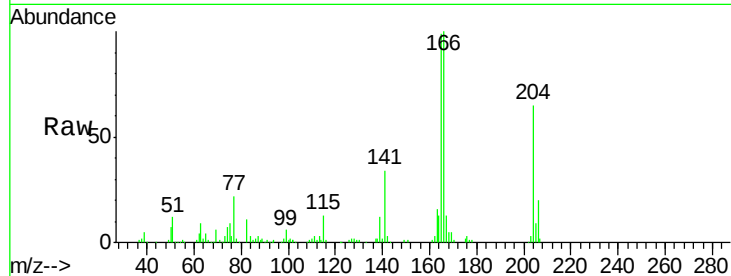
#61
4-Chlorophenyl-phenylether
Concen: 7.62 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	66276		
206	30.7	27.3	40.9	
141	52.5	45.9	68.9	

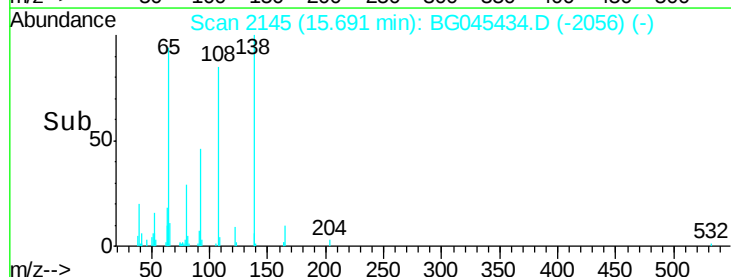
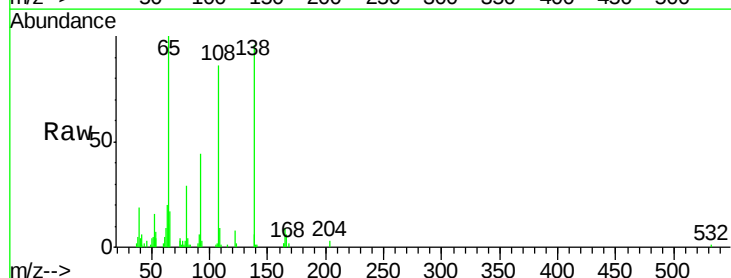
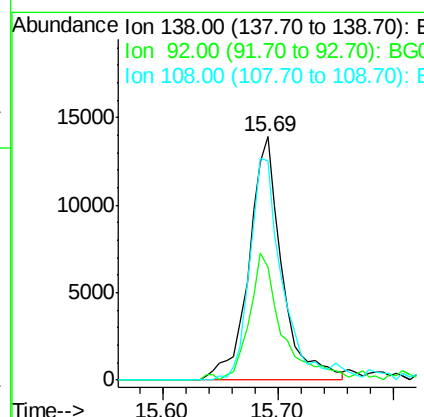
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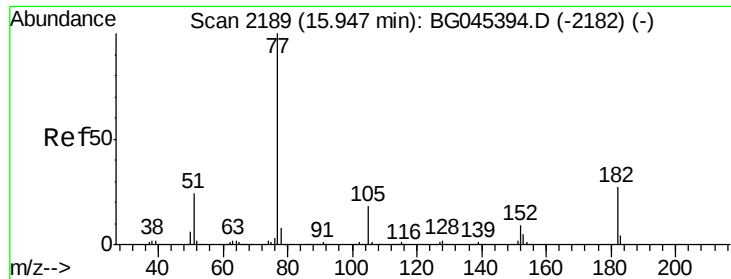
mohammad
5/21/2020 10:23:19 AM



#62
4-Nitroaniline
Concen: 7.22 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	27540		
92	46.2	38.0	78.0	
108	89.9	89.3	129.3	





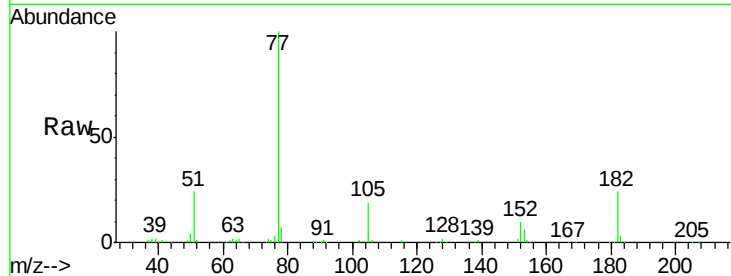
#63
Azobenzene
Concen: 7.57 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

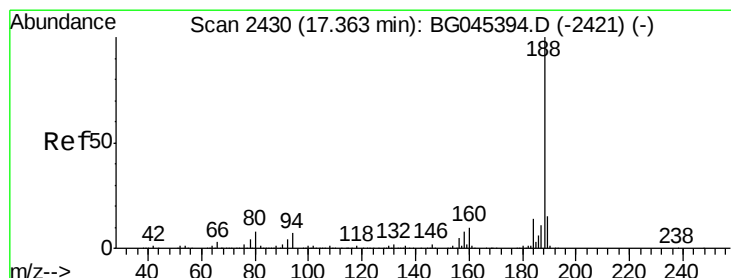
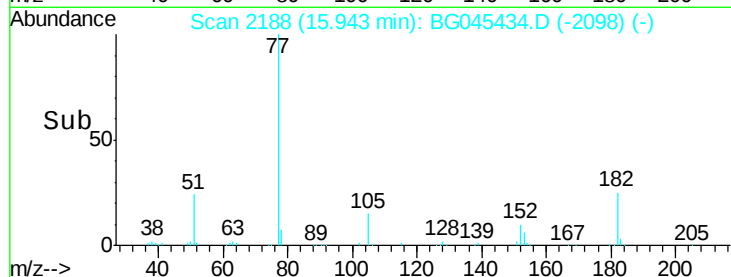
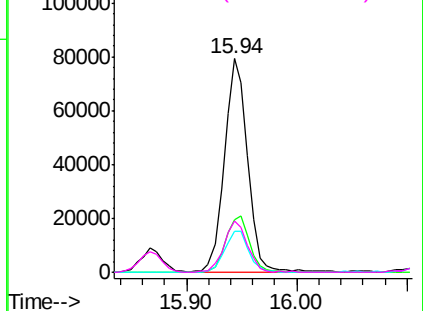
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	116985		
182	24.5	6.5	46.5	
105	19.1	0.0	37.9	
51	23.9	4.1	44.1	

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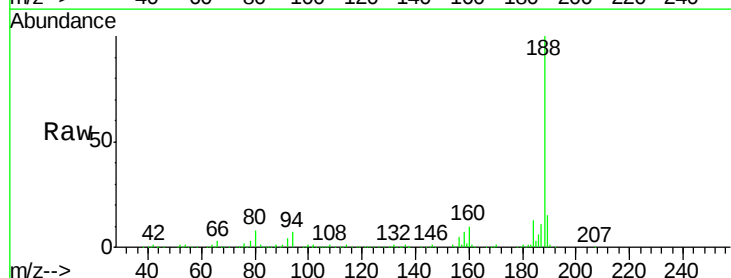


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

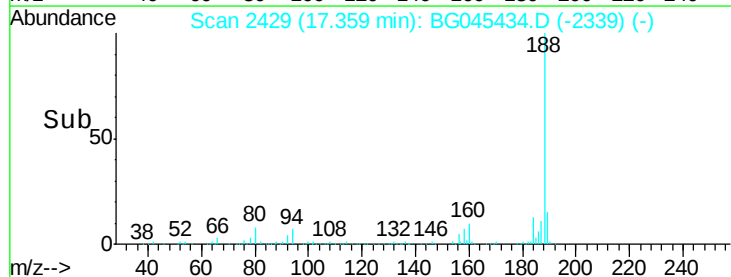
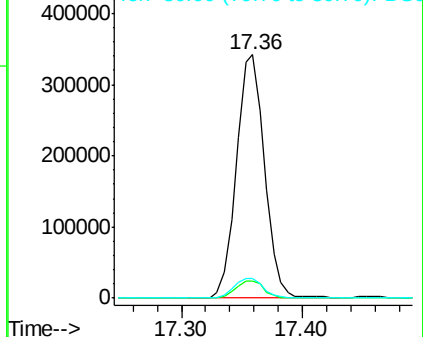


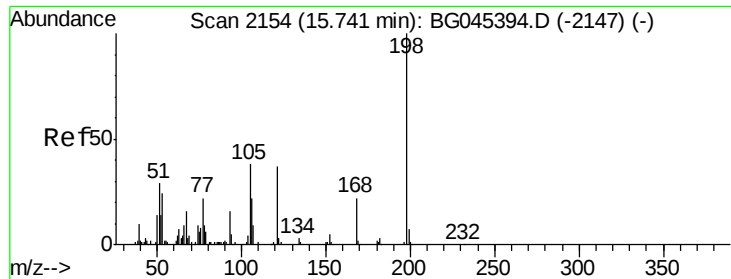
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	554570		
94	6.9	5.5	8.3	
80	8.0	6.6	10.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





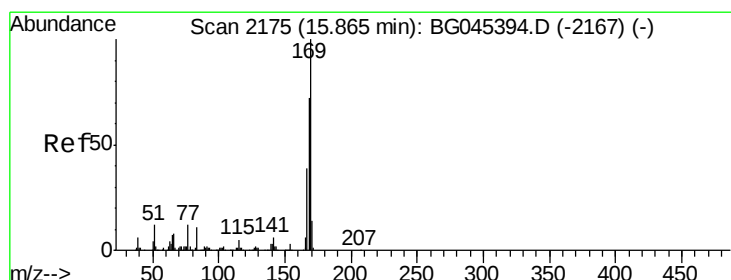
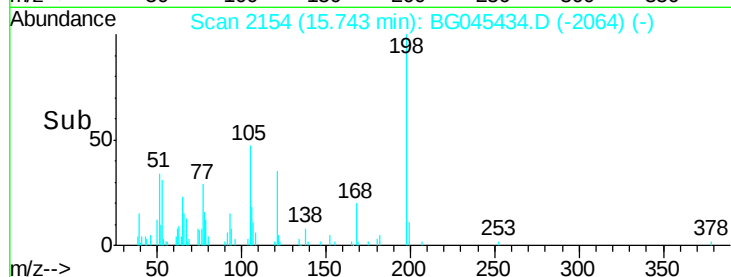
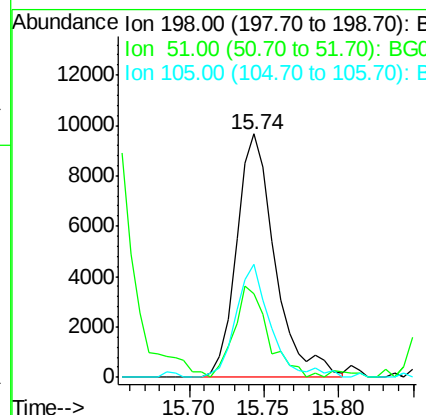
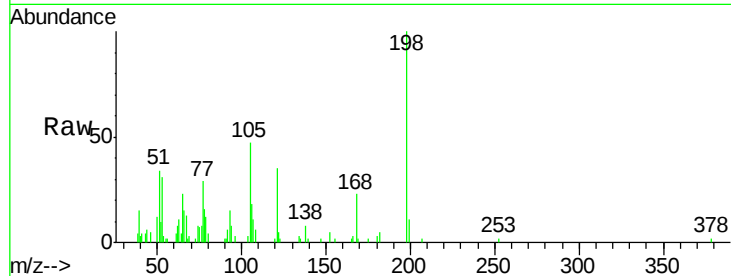
#65
4,6-Dinitro-2-methylphenol
Concen: 5.36 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17298		
51	34.1	10.0	50.0	
105	46.7	18.9	58.9	

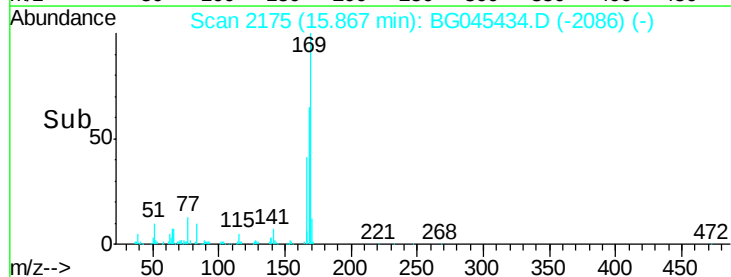
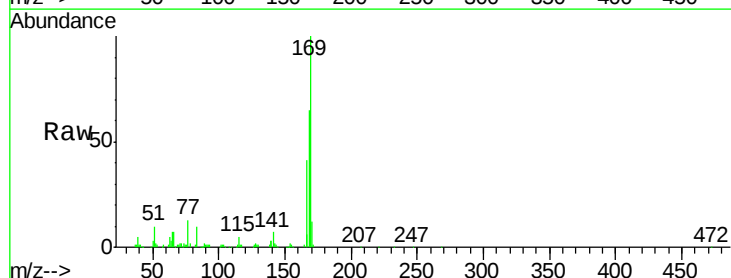
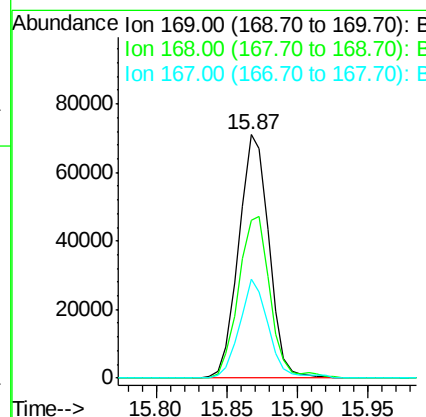
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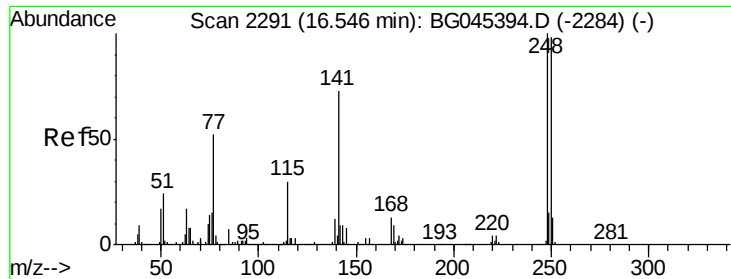
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.98 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	106266		
168	64.9	57.8	86.6	
167	40.6	31.5	47.3	





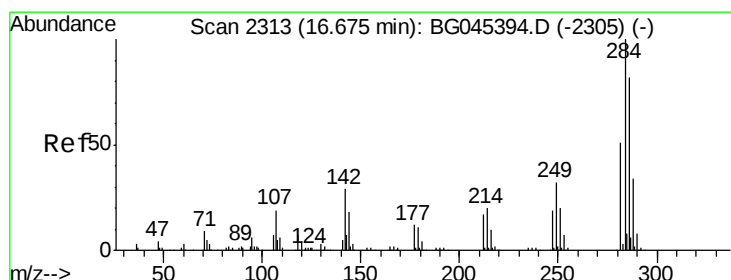
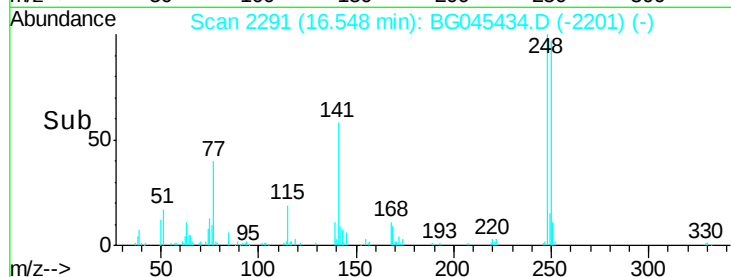
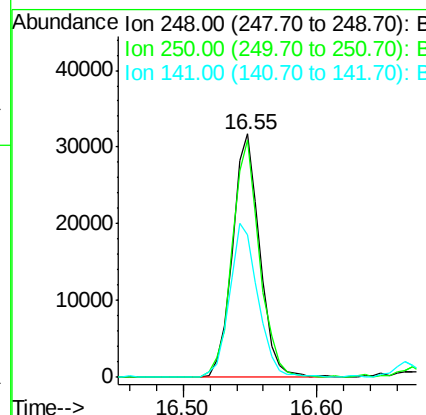
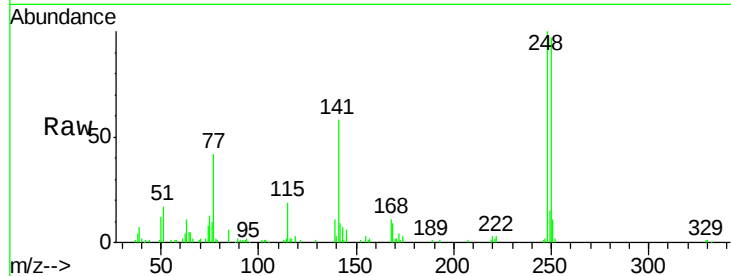
#67
4-Bromophenyl-phenylether
Concen: 7.53 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.6	117.8
141	58.4	58.2	87.2

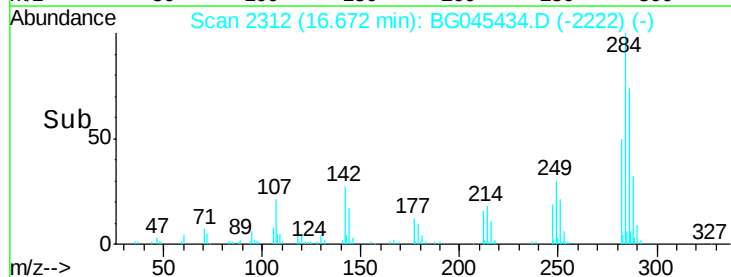
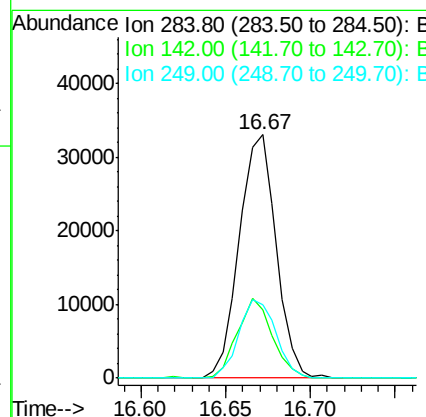
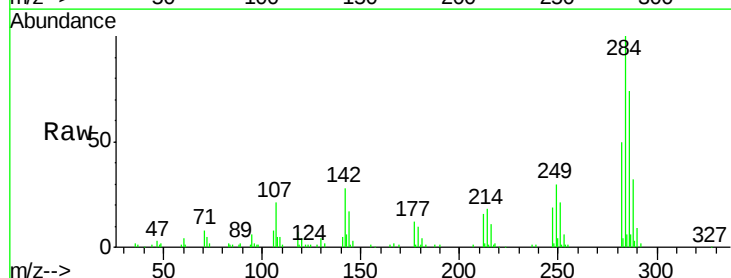
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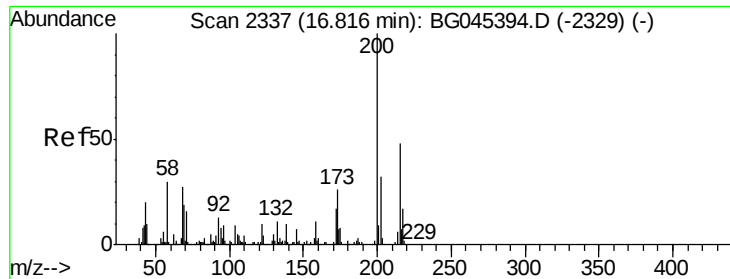
mohammad
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#68
Hexachlorobenzene
Concen: 8.01 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	23.0	34.6
249	30.1	25.8	38.6





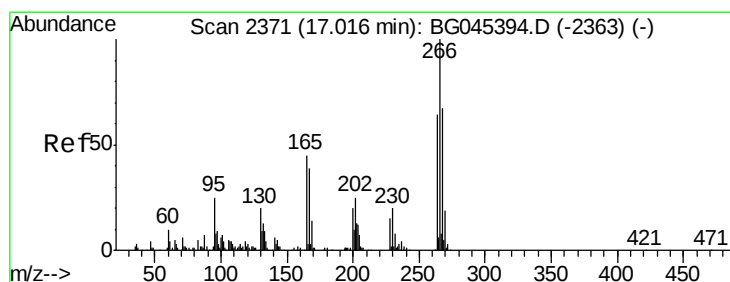
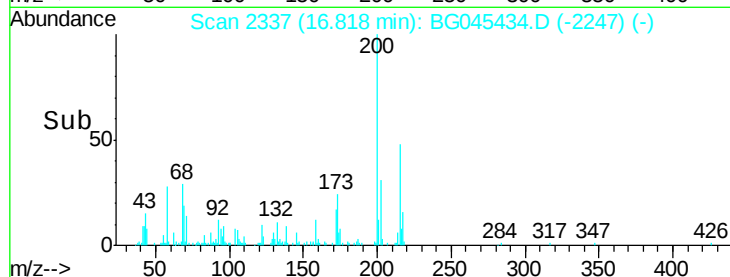
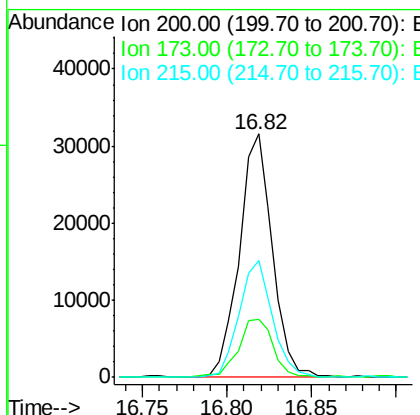
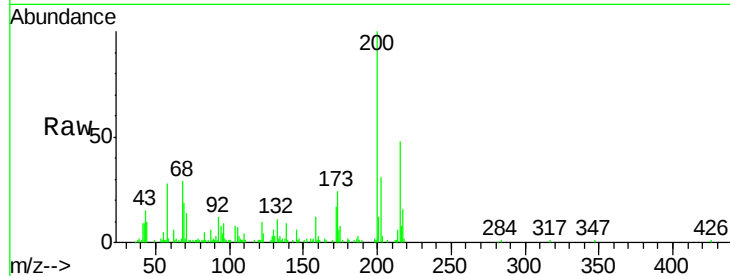
#69
Atrazine
Concen: 7.82 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	42903		
173	23.7	5.5	45.5	
215	48.0	28.2	68.2	

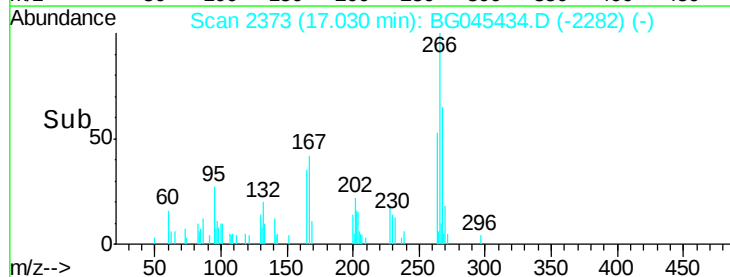
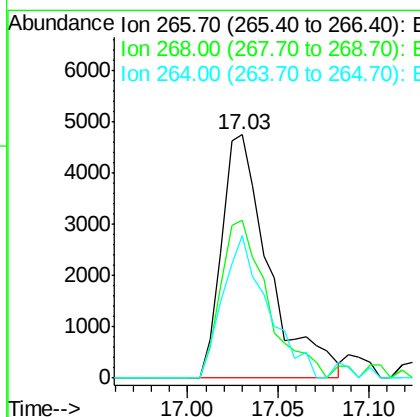
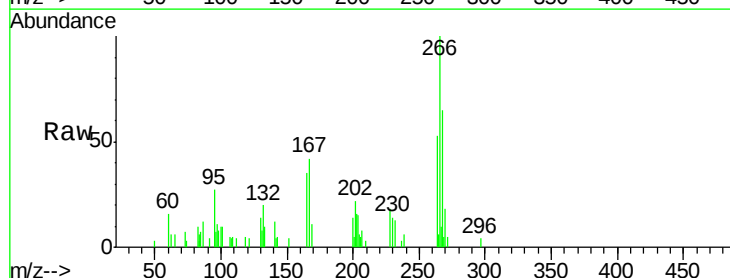
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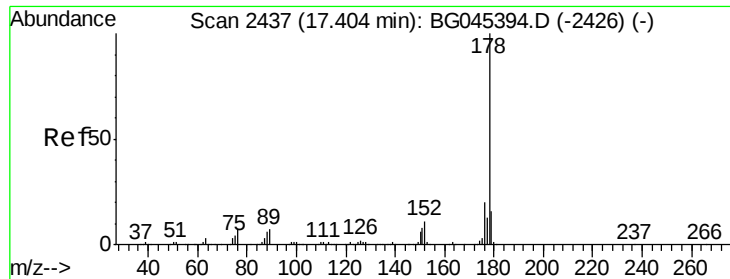
mohammad
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#70
Pentachlorophenol
Concen: 2.63 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	8582		
268	64.9	53.2	79.8	
264	58.5	51.0	76.4	





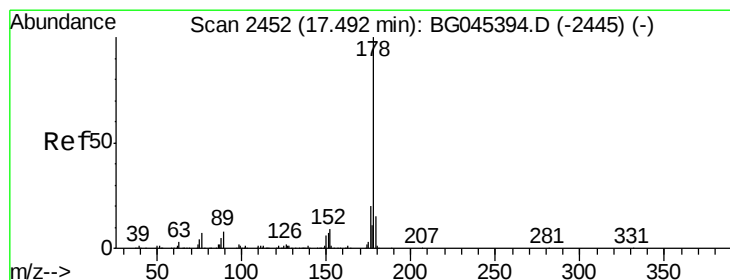
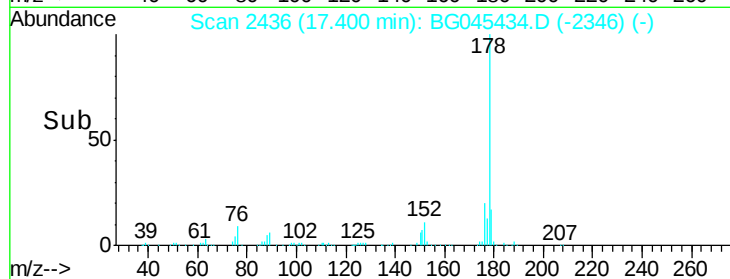
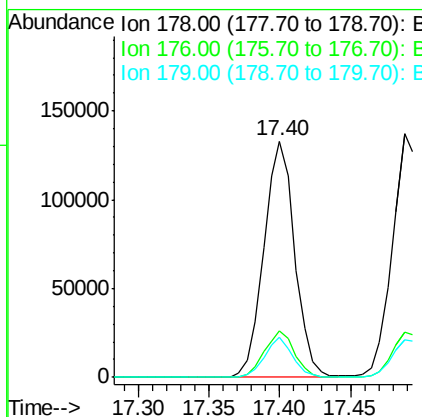
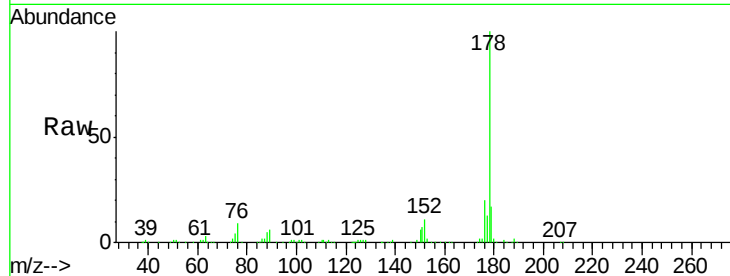
#71
Phenanthrene
Concen: 8.40 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.9	13.1	19.7

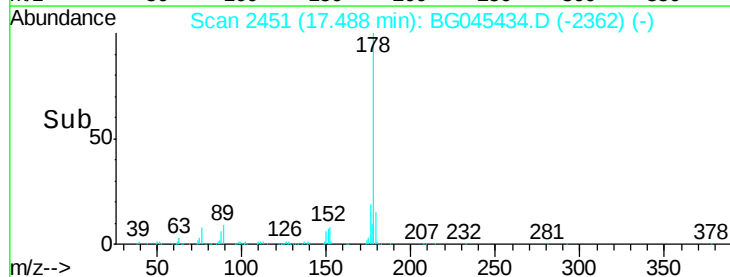
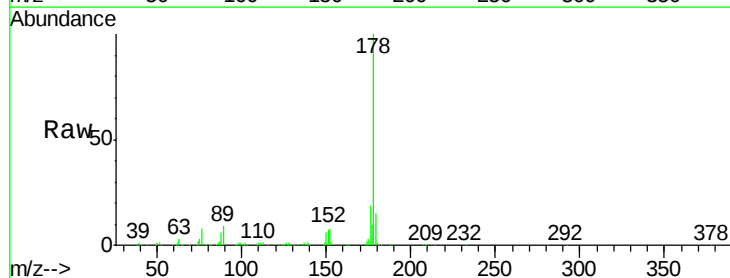
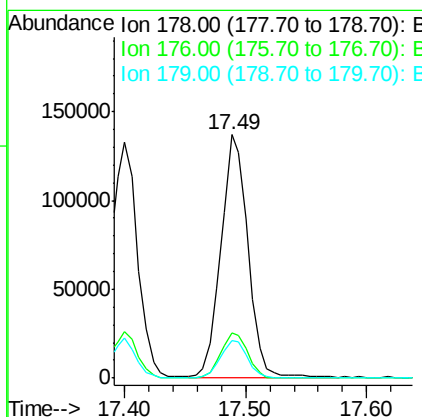
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#72
Anthracene
Concen: 8.67 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.5	12.2	18.4





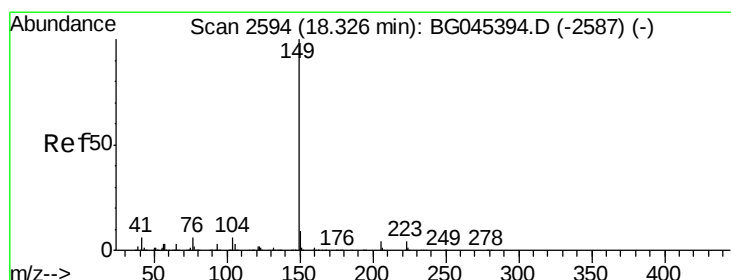
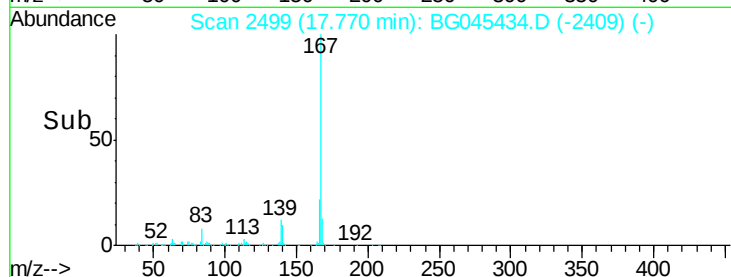
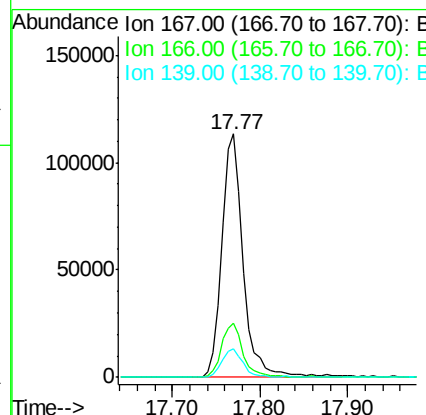
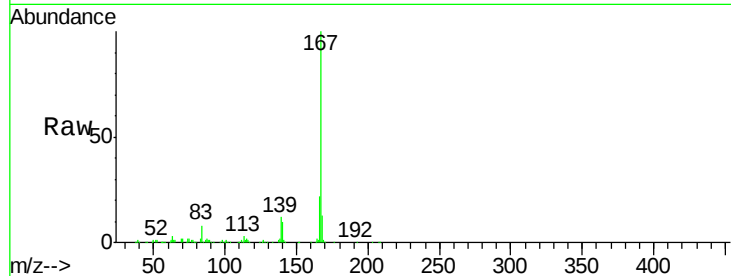
#73
 Carbazole
 Concen: 8.10 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	191848		
166	22.0	19.2	28.8	
139	12.0	10.6	16.0	

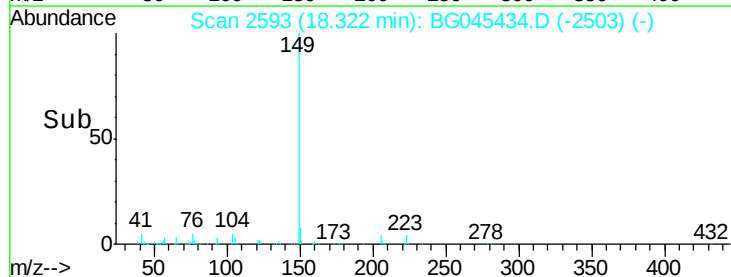
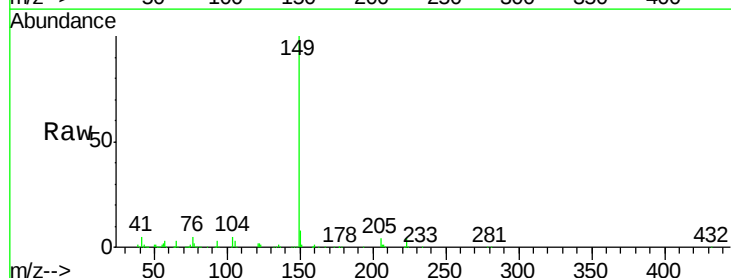
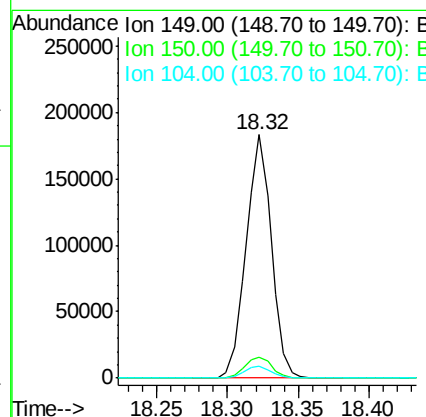
Manual Integrations
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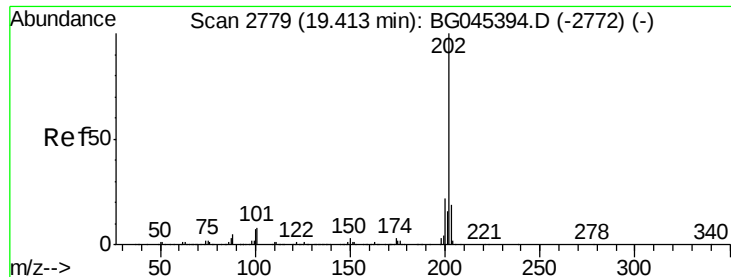
mohammad
 5/21/2020 10:23:19 AM



#74
 Di-n-butylphthalate
 Concen: 8.07 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	229545		
150	8.4	7.6	11.4	
104	5.0	5.0	7.4	





#75

Fluoranthene

Concen: 8.46 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

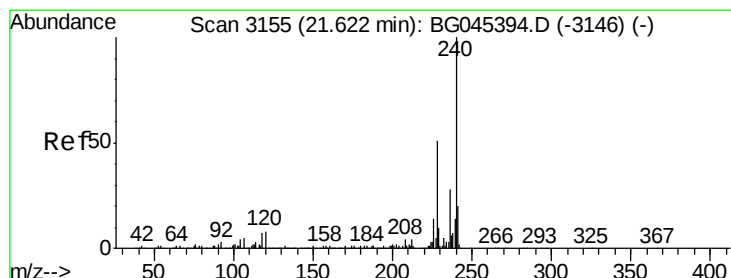
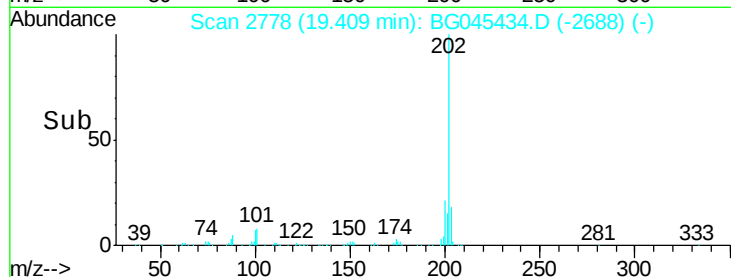
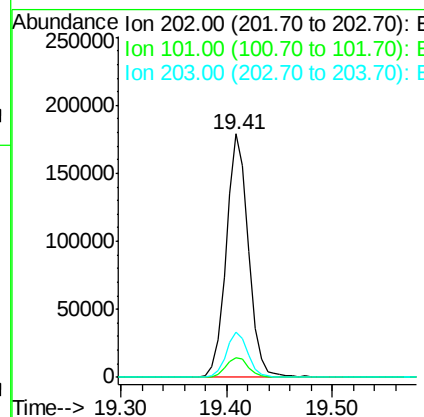
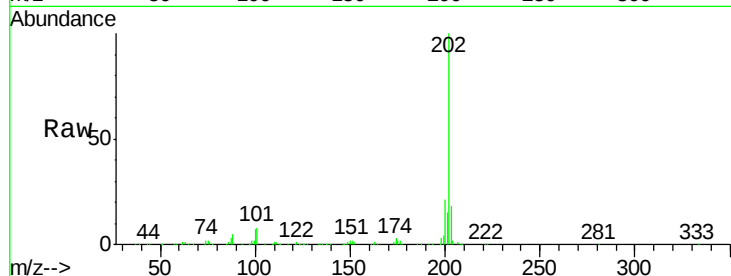
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		260548		
101	7.8	0.0	28.3		
203	18.4	0.0	39.0		

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#76

Chrysene-d12

Concen: 20.00 ng

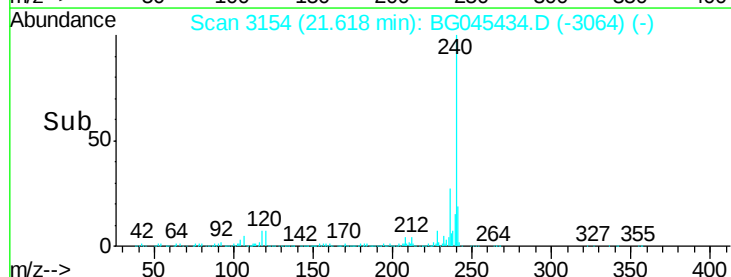
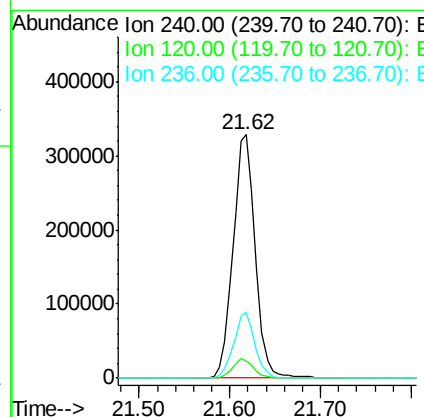
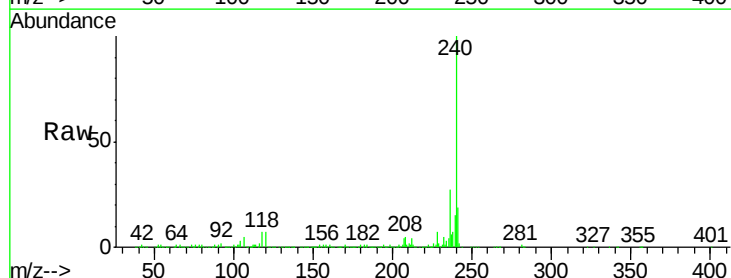
RT: 21.62 min Scan# 3154

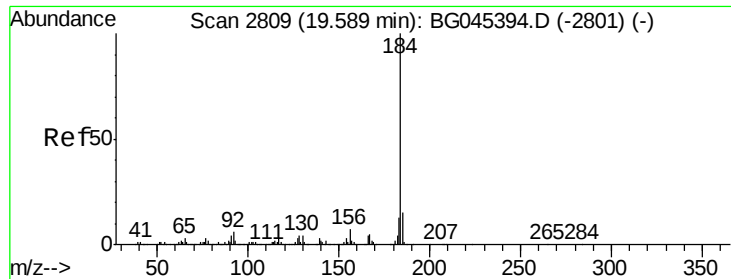
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		558358		
120	7.2	6.1	9.1		
236	26.7	22.3	33.5		





#77

Benzidine

Concen: 6.95 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

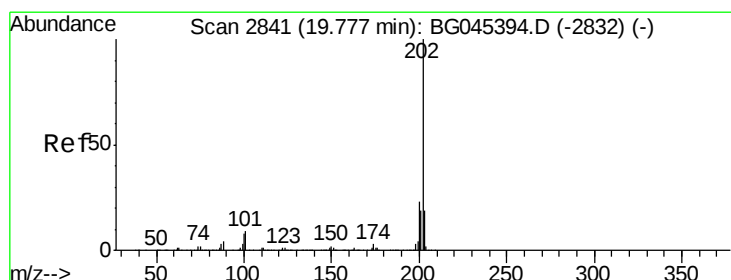
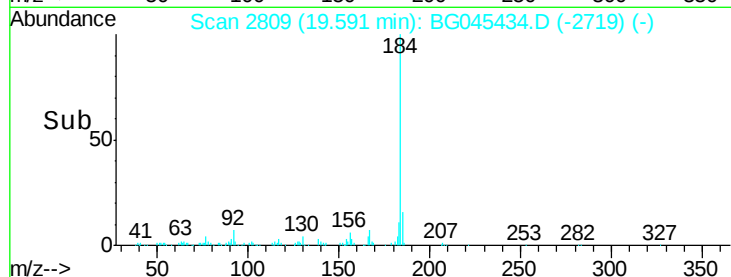
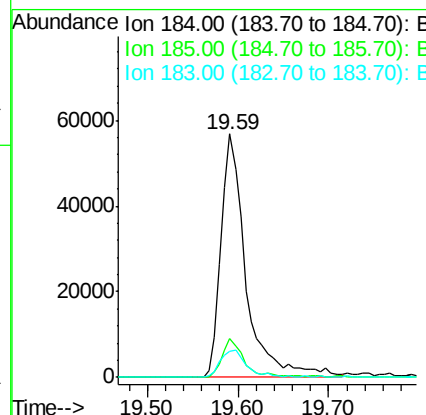
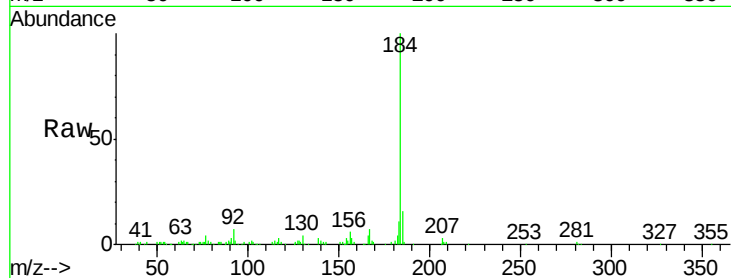
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	184	Resp:	109038
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.7	17.5
183	10.8	10.2	15.4

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#78

Pyrene

Concen: 8.45 ng

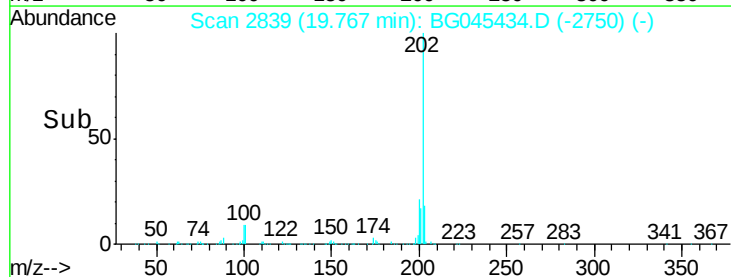
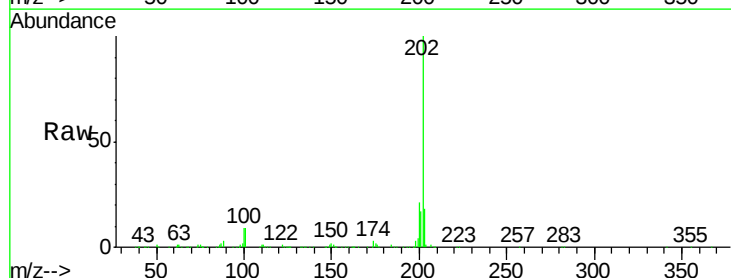
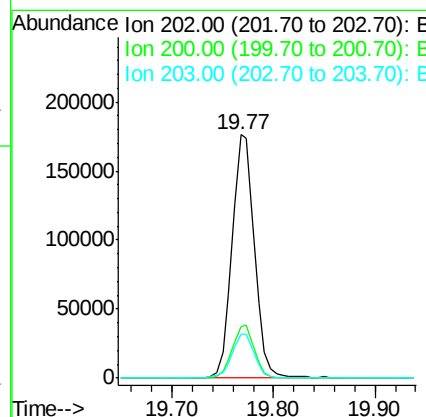
RT: 19.77 min Scan# 2839

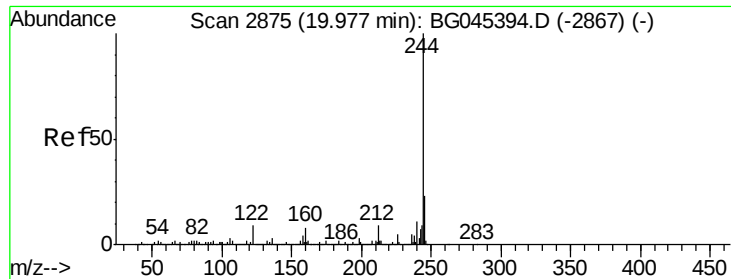
Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	202	Resp:	269110
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.2
203	17.9	15.1	22.7





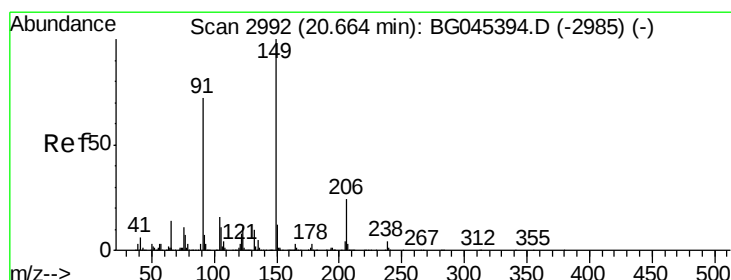
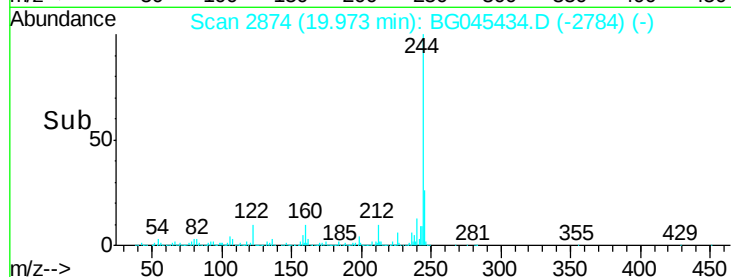
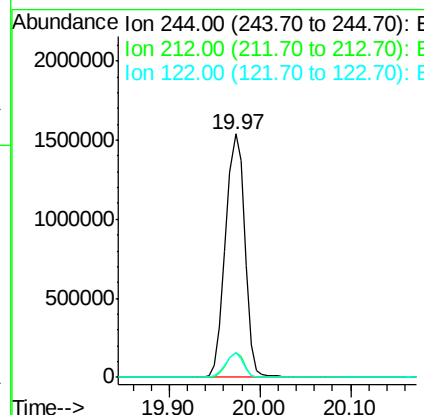
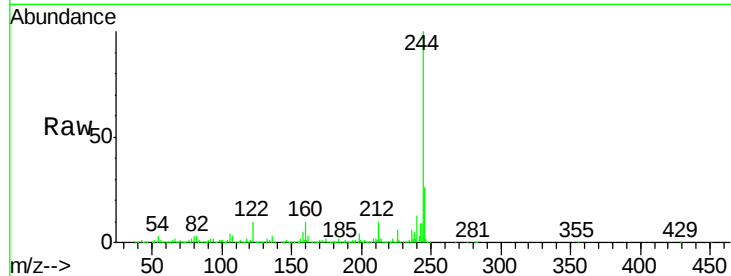
#79
 Terphenyl-d14
 Concen: 95.04 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tgt Ion:244 Resp: 2275182
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.4 11.0
 122 10.0 6.8 10.2

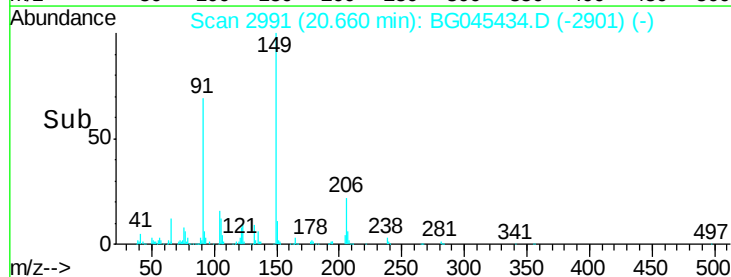
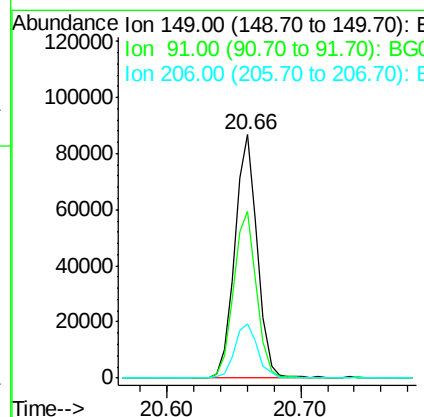
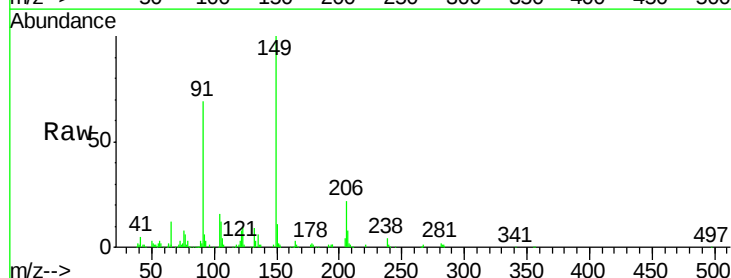
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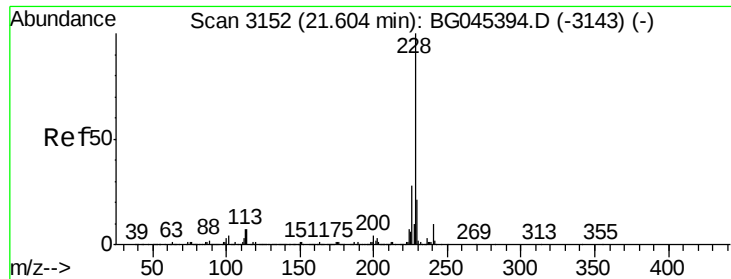
mohammad
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#80
 Butylbenzylphthalate
 Concen: 7.50 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. -0.00 min
 Lab File: BG045434.D
 Acq: 20 May 2020 13:36

Tgt Ion:149 Resp: 102969
 Ion Ratio Lower Upper
 149 100
 91 68.7 57.8 86.6
 206 22.3 19.1 28.7





#81

Benzo(a)anthracene

Concen: 8.30 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

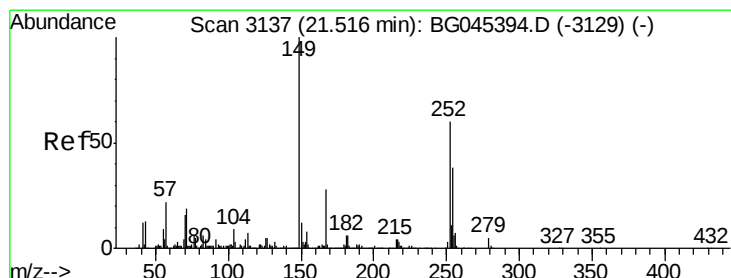
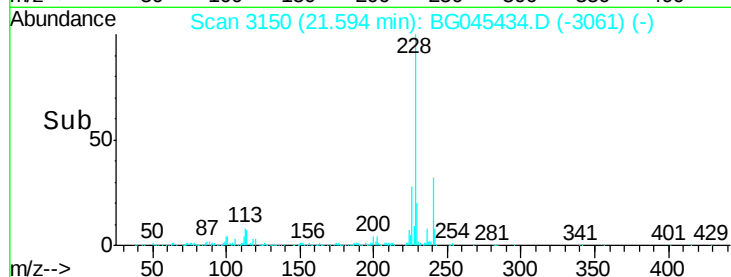
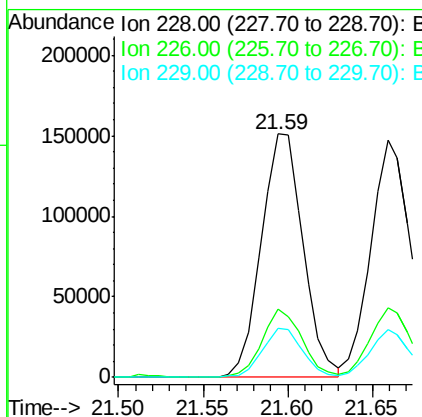
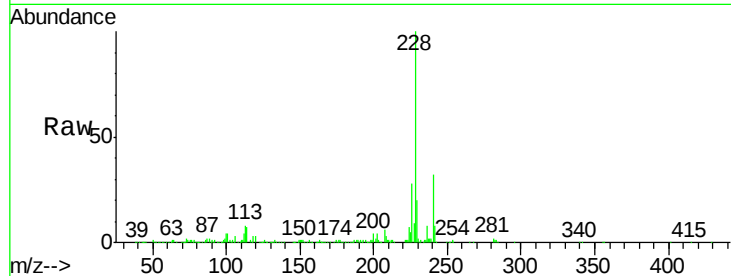
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	258146		
226	27.9		22.7	34.1
229	20.1		16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 8.30 ng

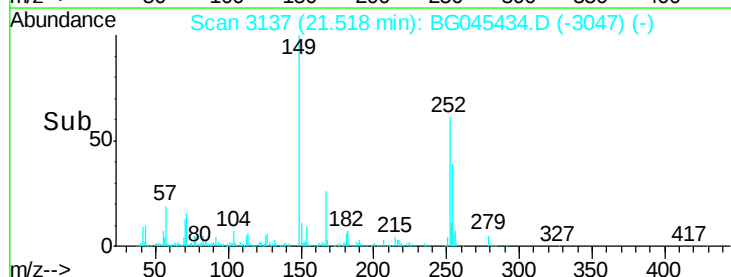
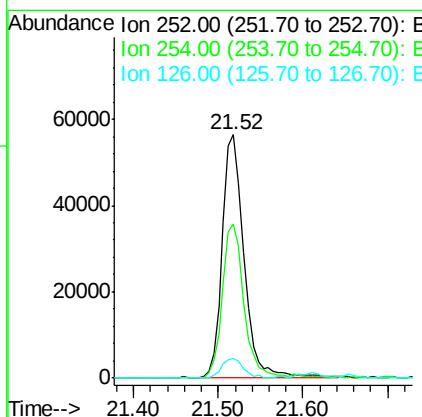
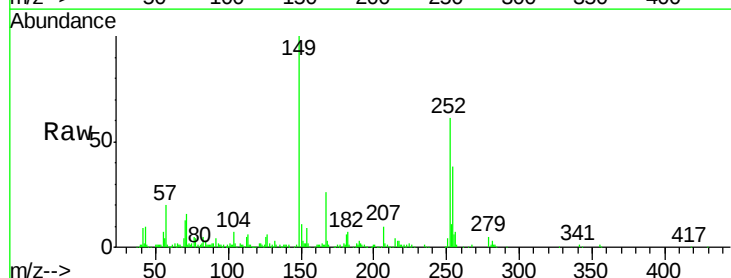
RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	101253		
254	63.4		51.3	76.9
126	8.3		6.6	10.0





#83

Chrysene

Concen: 8.08 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

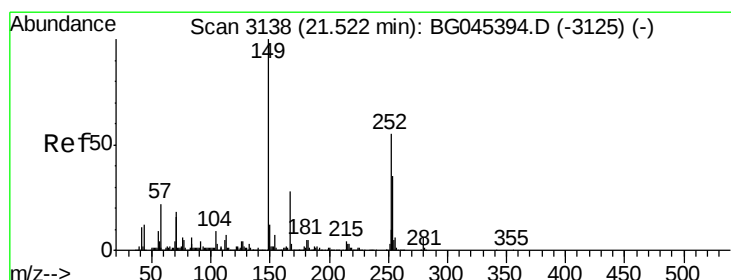
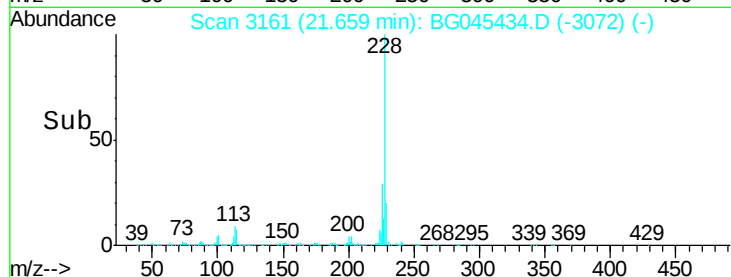
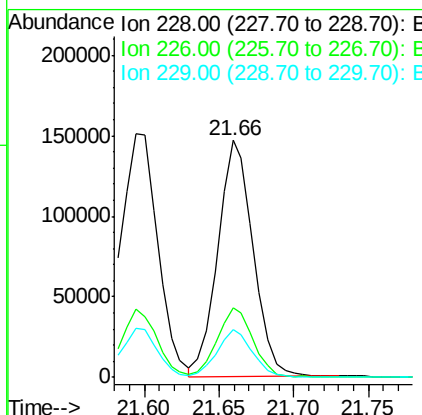
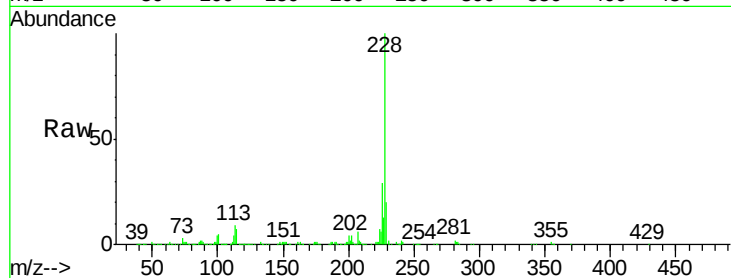
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	228	Resp:	241630
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.2	37.8
229	20.4	16.7	25.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.79 ng

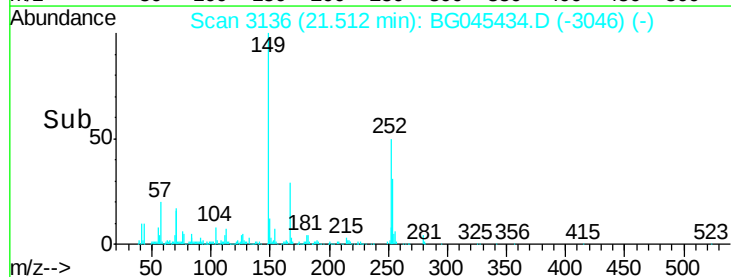
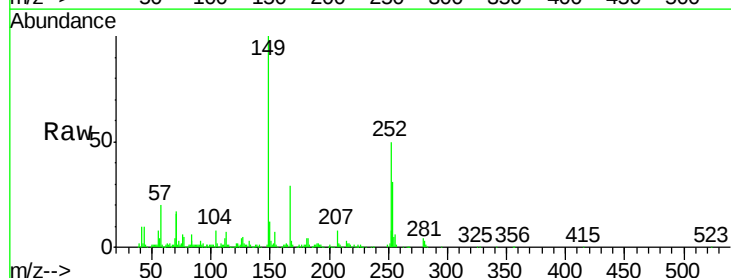
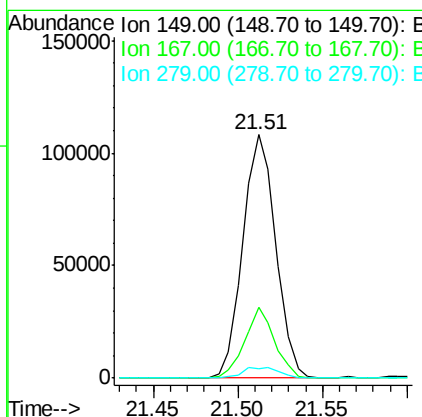
RT: 21.51 min Scan# 3136

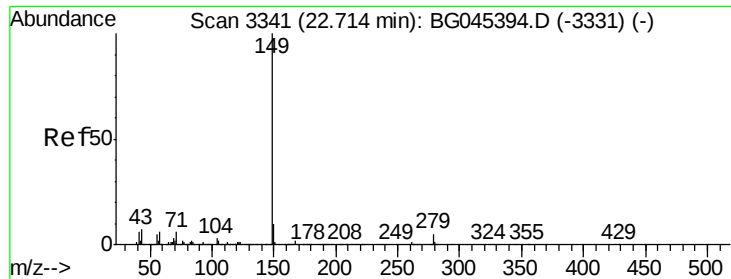
Delta R.T. -0.00 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	149	Resp:	147033
Ion Ratio	Lower	Upper	
149	100		
167	29.1	22.2	33.2
279	4.1	4.7	7.1#





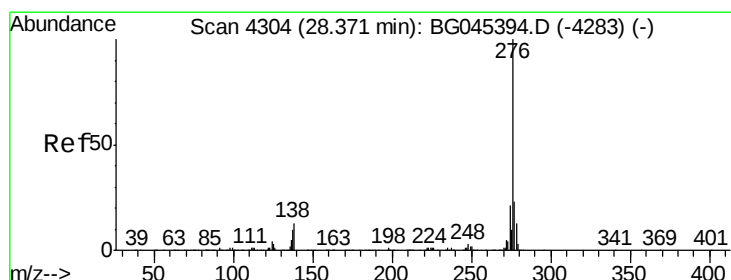
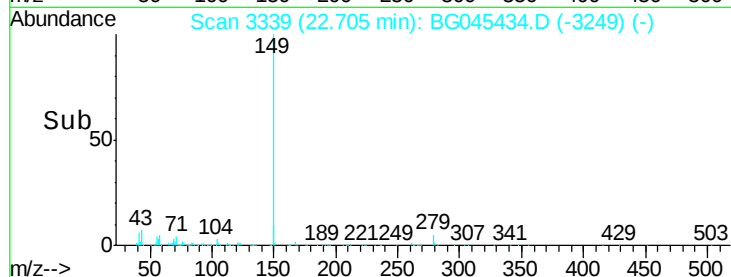
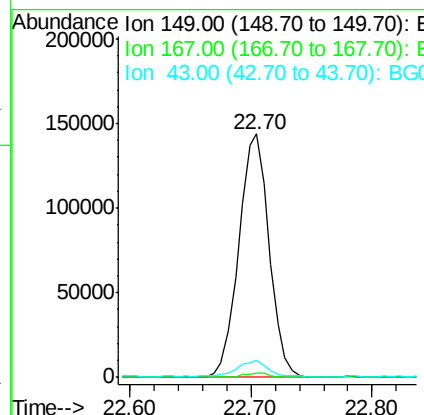
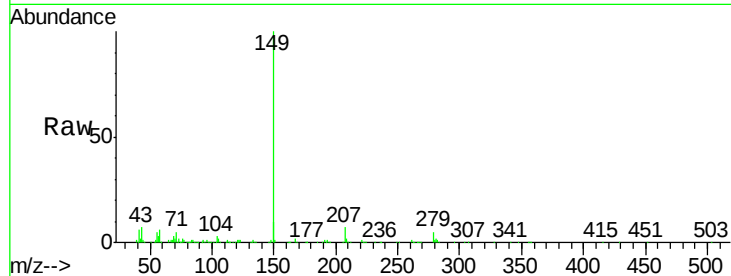
#85
Di-n-octyl phthalate
Concen: 7.71 ng
RT: 22.70 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.4	2.0
43	7.1	5.8	8.8

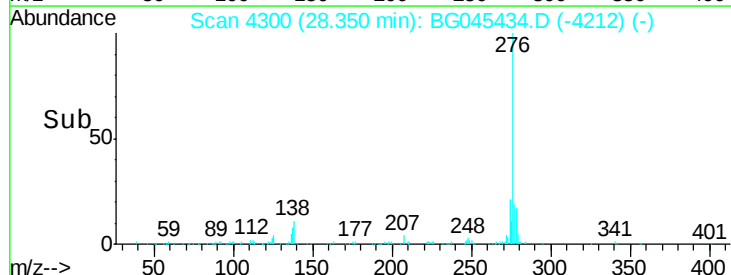
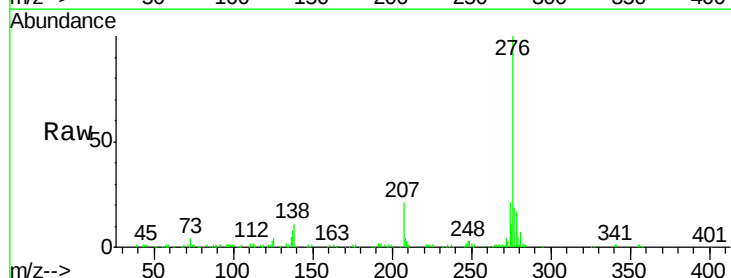
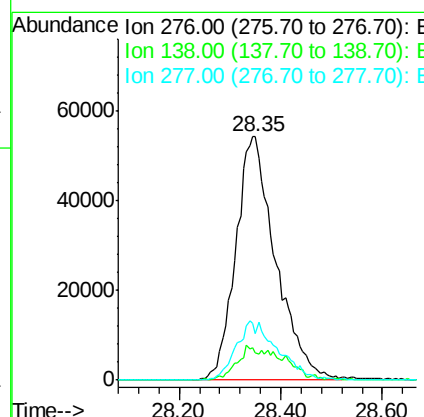
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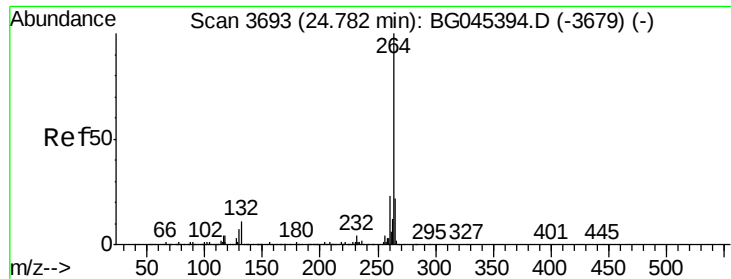
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.60 ng
RT: 28.35 min Scan# 4300
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	7.3	8.6	12.8#
277	11.8	20.2	30.4#





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

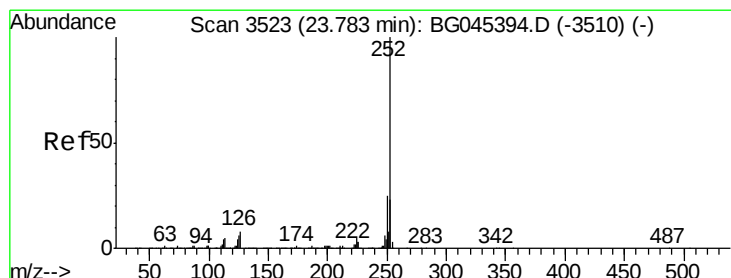
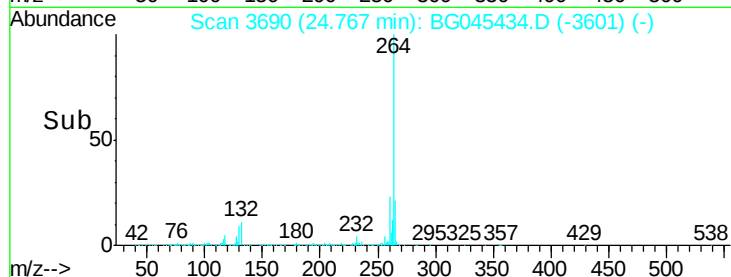
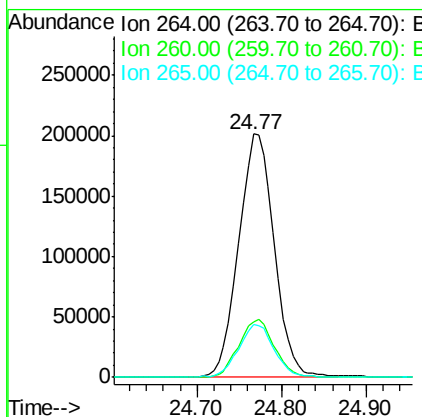
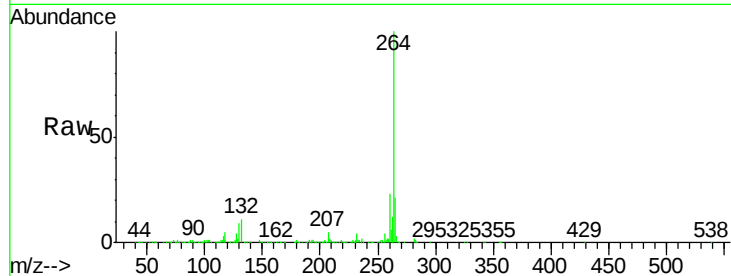
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	264	Resp:	587923
Ion Ratio		Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.5	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 8.00 ng m

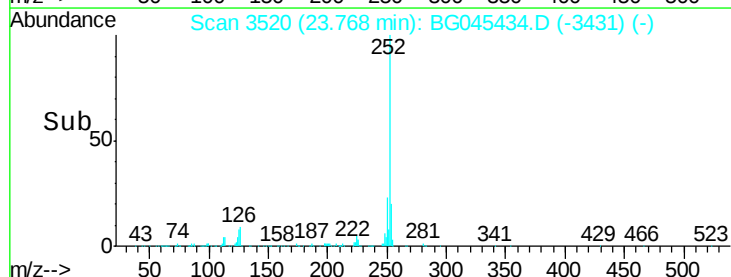
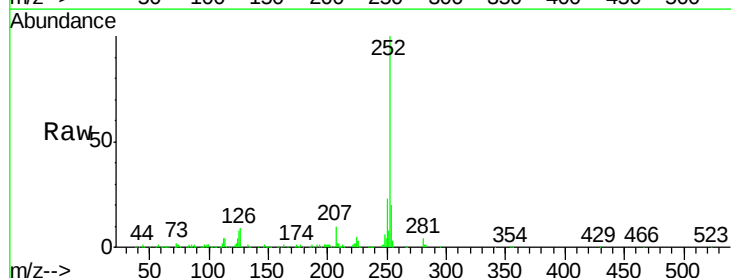
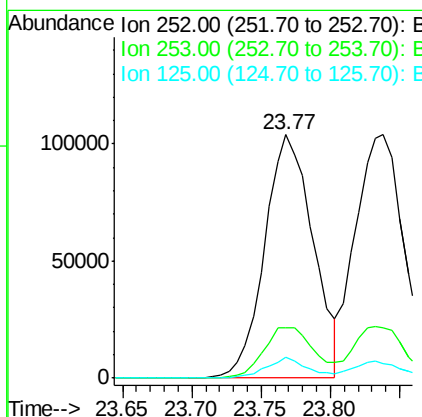
RT: 23.77 min Scan# 3520

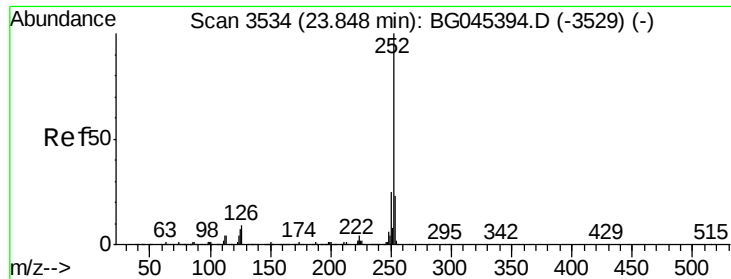
Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	252	Resp:	252129
Ion Ratio		Lower	Upper
252	100		
253	20.5	18.1	27.1
125	8.4	5.0	7.6#





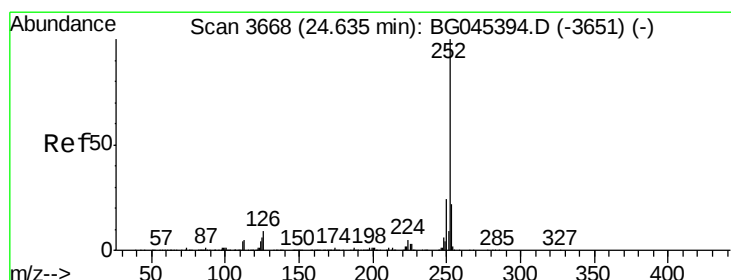
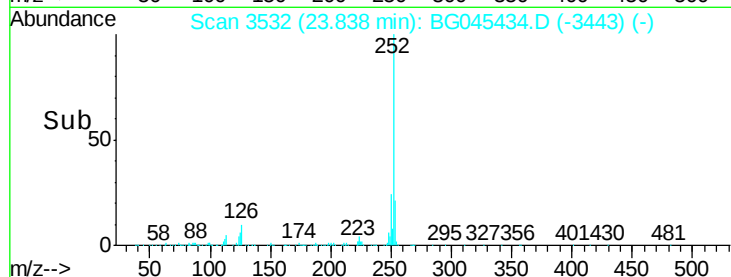
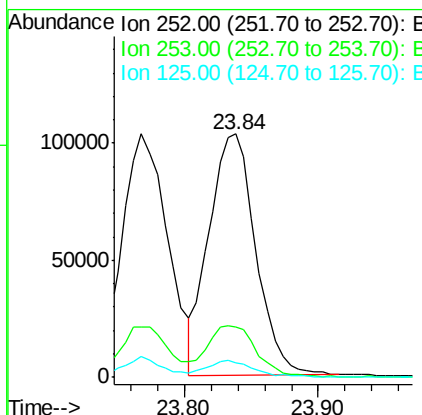
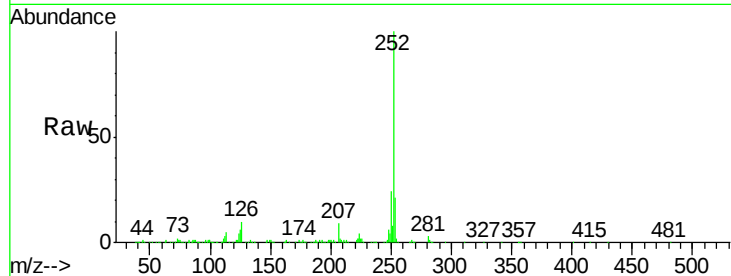
#89
Benzo(k)fluoranthene
Concen: 8.52 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.4	27.6
125	6.1	5.7	8.5

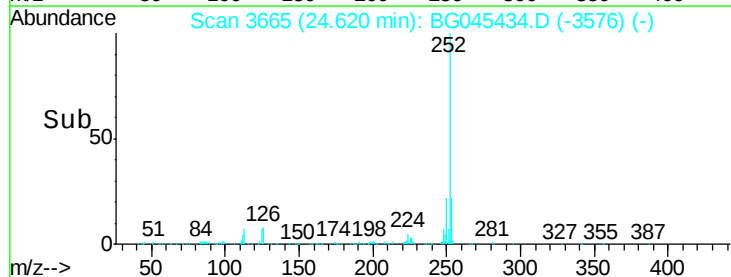
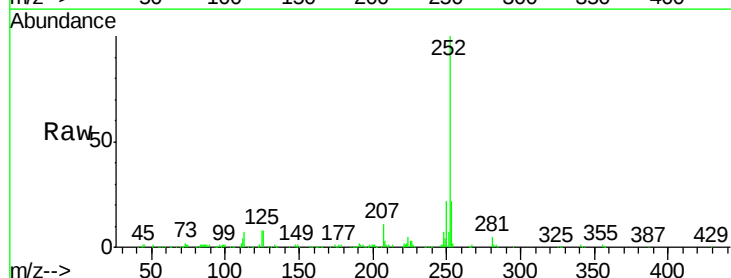
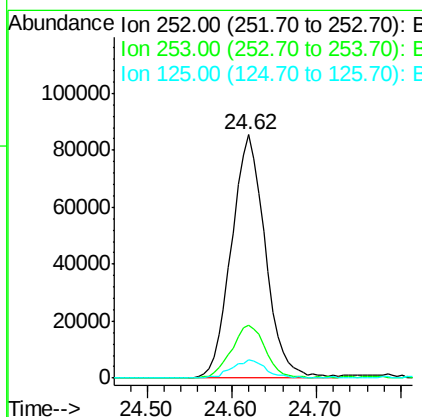
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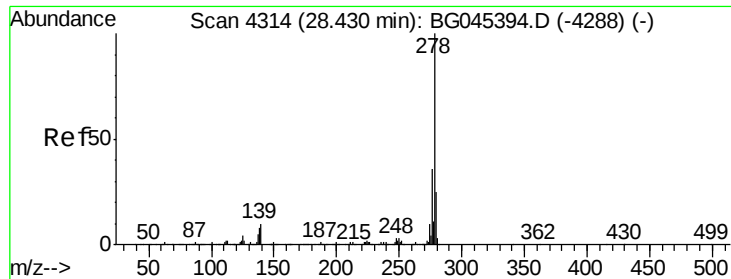
mohammad
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#90
Benzo(a)pyrene
Concen: 8.06 ng
RT: 24.62 min Scan# 3665
Delta R.T. -0.01 min
Lab File: BG045434.D
Acq: 20 May 2020 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	7.6	5.0	7.6#





#91

Dibenzo(a,h)anthracene

Concen: 8.24 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Instrument :

BNA_G

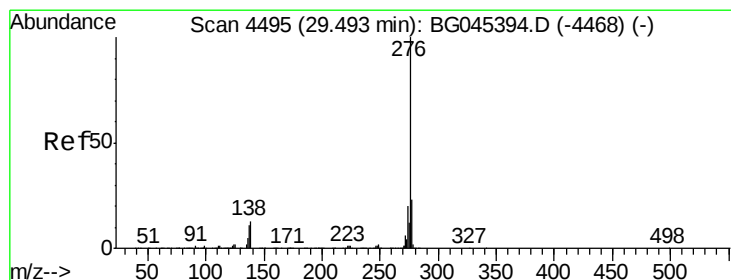
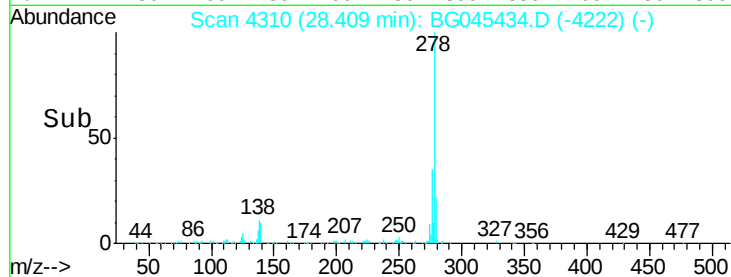
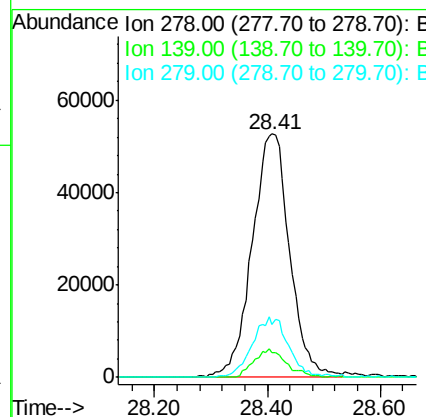
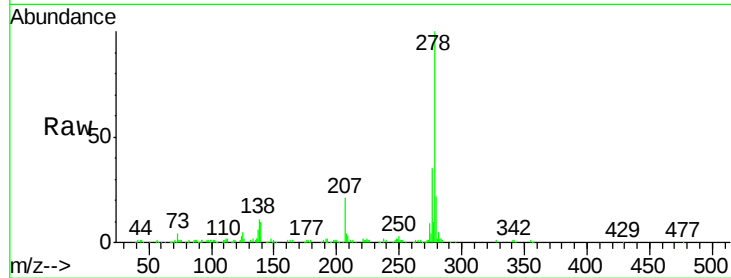
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tgt Ion:	278	Resp:	243242
Ion Ratio	Lower	Upper	
278	100		
139	10.4	7.8	11.8
279	21.6	19.8	29.8

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#92

Benzo(g,h,i)perylene

Concen: 8.26 ng

RT: 29.45 min Scan# 4488

Delta R.T. -0.02 min

Lab File: BG045434.D

Acq: 20 May 2020 13:36

Tgt Ion:	276	Resp:	243844
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.1	27.1
138	14.0	10.2	15.4

