

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040195.D
 Acq On : 28 Mar 2019 11:42
 Operator : JU/SJ
 Sample : K1560-03
 Misc : MDL 8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Manual Integrations
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Sohil
 3/29/2019 4:45:20 PM

Quant Time: Mar 29 06:56:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	52078	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	217321	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	133433	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	325380	20.00	ng	0.00
76) Chrysene-d12	21.72	240	343758	20.00	ng	0.00
87) Perylene-d12	25.02	264	347549	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	409333	130.67	ng	0.00
7) Phenol-d6	7.22	99	562980	130.04	ng	0.00
23) Nitrobenzene-d5	9.24	82	375612	91.87	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	206084	142.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	859953	95.50	ng	0.00
79) Terphenyl-d14	20.05	244	1359259	88.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	11746	7.974	ng	97
3) Pyridine	3.93	79	31526	7.949	ng	96
4) n-Nitrosodimethylamine	3.85	42	13182	7.185	ng	# 85
6) Aniline	7.40	93	40817	7.257	ng	94
8) 2-Chlorophenol	7.63	128	28100	7.663	ng	91
9) Benzaldehyde	7.21	77	24107	8.118	ng	95
10) Phenol	7.24	94	35413	7.536	ng	91
11) bis(2-Chloroethyl)ether	7.49	93	28639	7.609	ng	97
12) 1,3-Dichlorobenzene	7.96	146	30098	7.550	ng	94
13) 1,4-Dichlorobenzene	8.10	146	31233	7.867	ng	92
14) 1,2-Dichlorobenzene	8.42	146	29200	7.691	ng	91
15) Benzyl Alcohol	8.31	79	23635	6.779	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	52871	7.319	ng	98
17) 2-Methylphenol	8.51	107	23571	7.249	ng	96
18) Hexachloroethane	9.15	117	10890	7.211	ng	# 83
19) n-Nitroso-di-n-propylamine	8.87	70	22939	7.390	ng	# 94
20) 3+4-Methylphenols	8.83	107	31100	7.060	ng	92
22) Acetophenone	8.90	105	43791	8.078	ng	# 99
24) Nitrobenzene	9.29	77	34025	8.036	ng	93
25) Isophorone	9.80	82	62298	7.405	ng	99
26) 2-Nitrophenol	10.00	139	13729	6.843	ng	98
27) 2,4-Dimethylphenol	10.04	122	24864	7.803	ng	91
28) bis(2-Chloroethoxy)methane	10.28	93	38932	7.822	ng	96
29) 2,4-Dichlorophenol	10.53	162	24403	7.055	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	30538	8.041	ng	96
31) Naphthalene	10.93	128	92500	8.304	ng	# 93
32) Benzoic acid	10.14	122	7958m	4.133	ng	
33) 4-Chloroaniline	11.05	127	36654	7.714	ng	95
34) Hexachlorobutadiene	11.19	225	19567	8.056	ng	97
35) Caprolactam	11.81	113	9725	7.085	ng	99
36) 4-Chloro-3-methylphenol	12.15	107	28647	7.204	ng	89
37) 2-Methylnaphthalene	12.53	142	66819	8.111	ng	98
38) 1-Methylnaphthalene	12.75	142	66320	8.302	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	34825	8.212	ng	99

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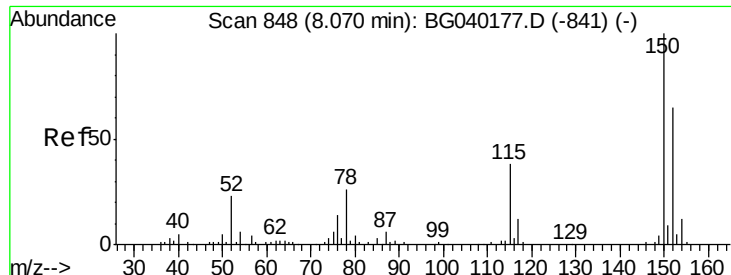
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	15700	6.742	ng	84
43) 2,4,6-Trichlorophenol	13.14	196	19007	6.951	ng	86
44) 2,4,5-Trichlorophenol	13.21	196	21213	7.118	ng	99
46) 1,1'-Biphenyl	13.53	154	87912	8.338	ng	99
47) 2-Chloronaphthalene	13.58	162	66824	8.263	ng	98
48) 2-Nitroaniline	13.80	65	18660	6.841	ng	98
49) Acenaphthylene	14.42	152	113721	8.294	ng	99
50) Dimethylphthalate	14.14	163	86191	8.253	ng	# 96
51) 2,6-Dinitrotoluene	14.28	165	18229	7.774	ng	97
52) Acenaphthene	14.76	154	67396	8.578	ng	93
53) 3-Nitroaniline	14.61	138	18091	7.289	ng	84
54) 2,4-Dinitrophenol	14.82	184	5418	4.345	ng	87
55) Dibenzofuran	15.09	168	108773	8.616	ng	98
56) 4-Nitrophenol	14.91	139	12774	6.377	ng	96
57) 2,4-Dinitrotoluene	15.06	165	25607	7.859	ng	# 97
58) Fluorene	15.75	166	84320	8.495	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.32	232	20526m	7.590	ng	
60) Diethylphthalate	15.50	149	90394	8.459	ng	97
61) 4-Chlorophenyl-phenylether	15.73	204	45074	8.495	ng	97
62) 4-Nitroaniline	15.78	138	19577	7.350	ng	96
63) Azobenzene	16.02	77	83098	8.244	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	10710	5.859	ng	97
66) n-Nitrosodiphenylamine	15.95	169	75221	7.900	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	27702	7.565	ng	98
68) Hexachlorobenzene	16.74	284	29713	8.071	ng	98
69) Atrazine	16.89	200	28067	7.924	ng	99
70) Pentachlorophenol	17.09	266	11448	5.378	ng	91
71) Phenanthrene	17.49	178	146753	8.581	ng	97
72) Anthracene	17.58	178	141798	8.283	ng	97
73) Carbazole	17.86	167	135663	8.374	ng	96
74) Di-n-butylphthalate	18.38	149	154710	8.056	ng	99
75) Fluoranthene	19.49	202	180601	8.918	ng	98
77) Benzidine	19.68	184	86182	6.943	ng	96
78) Pyrene	19.85	202	187530	8.296	ng	97
80) Butylbenzylphthalate	20.72	149	66158	6.839	ng	96
81) Benzo(a)anthracene	21.70	228	173854	8.211	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	59929	7.440	ng	98
83) Chrysene	21.77	228	170108	8.359	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	94861	6.860	ng	98
85) Di-n-octyl phthalate	22.80	149	157306	6.677	ng	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	189053	7.596	ng	# 79
88) Benzo(b)fluoranthene	23.96	252	170252	8.001	ng	98
89) Benzo(k)fluoranthene	24.02	252	160079	8.181	ng	97
90) Benzo(a)pyrene	24.86	252	157914	7.910	ng	96
91) Dibenzo(a,h)anthracene	28.85	278	147333	7.946	ng	94
92) Benzo(g,h,i)perylene	29.99	276	152155	7.985	ng	98

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



#1

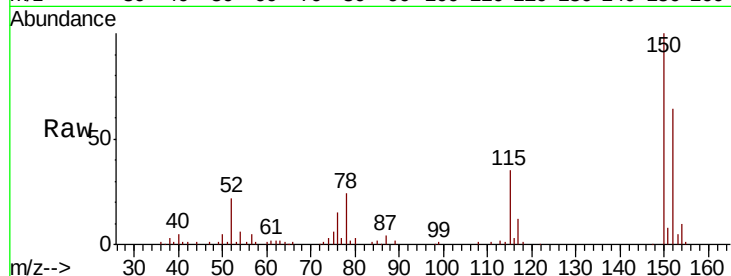
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.7	185.5
115	55.3	46.9	70.3

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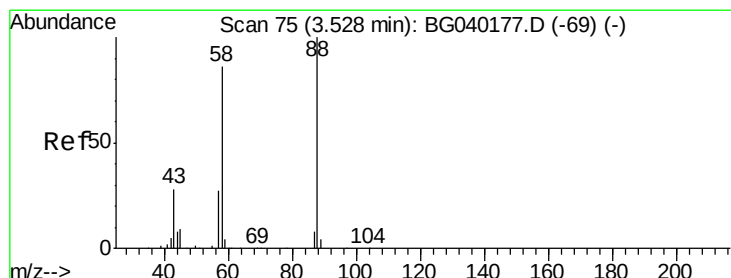
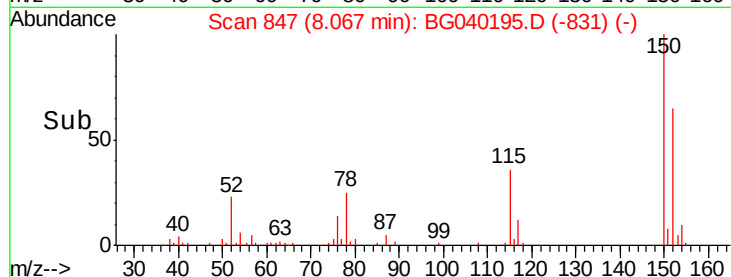
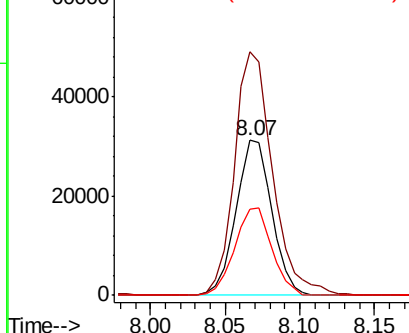


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

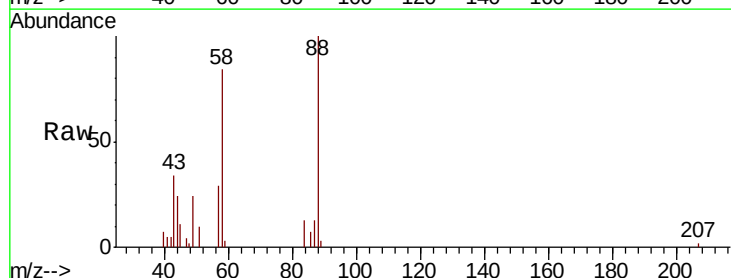
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 7.974 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	70.6	106.0
43	32.2	24.8	37.2

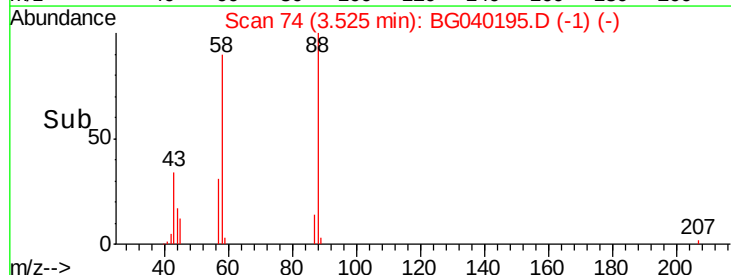
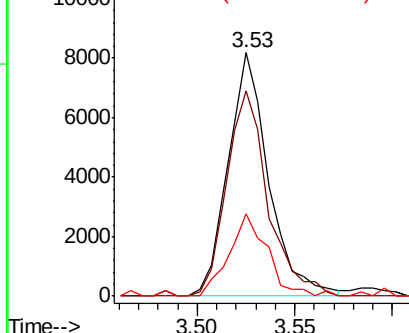


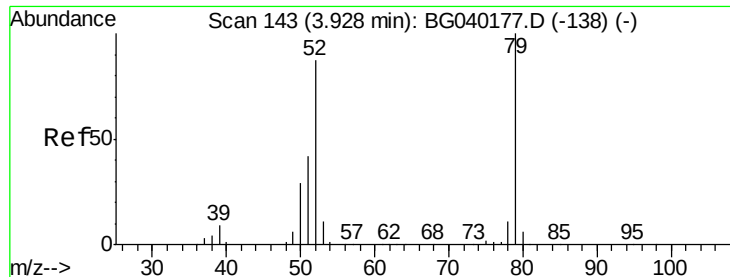
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 7.949 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

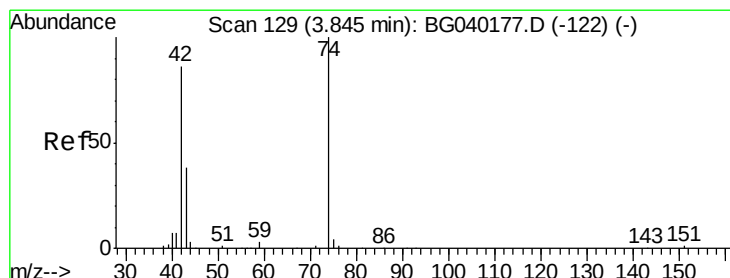
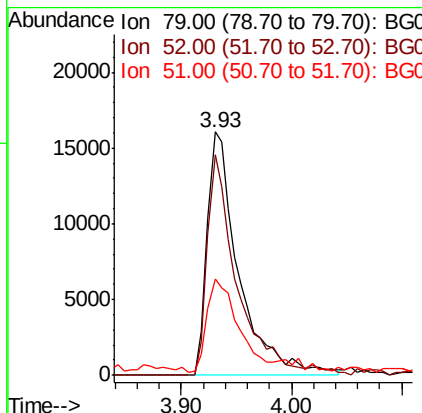
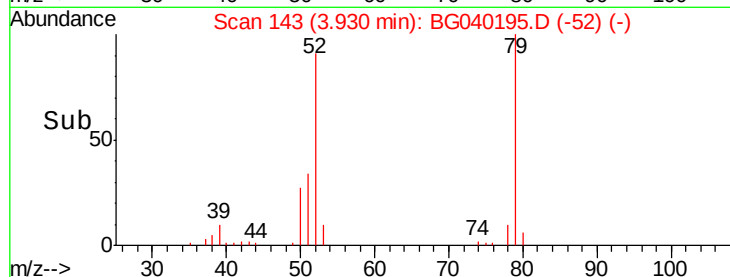
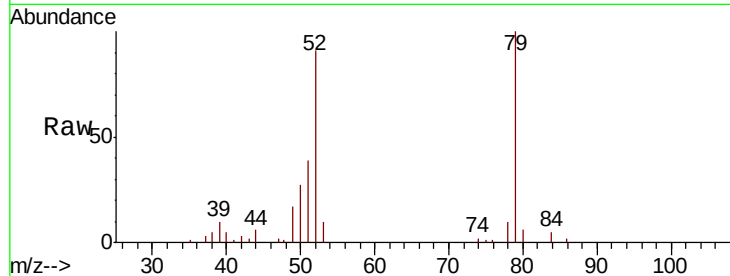
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	79	Resp:	31526
Ion	Ratio	Lower	Upper
79	100		
52	90.7	69.8	104.8
51	39.4	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 7.185 ng

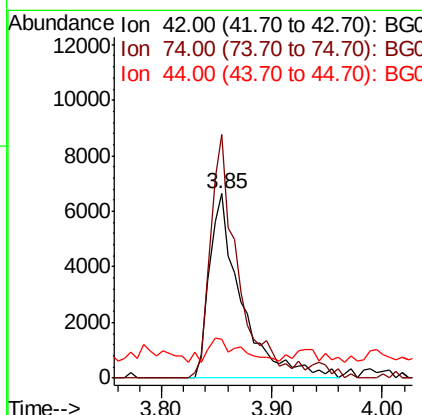
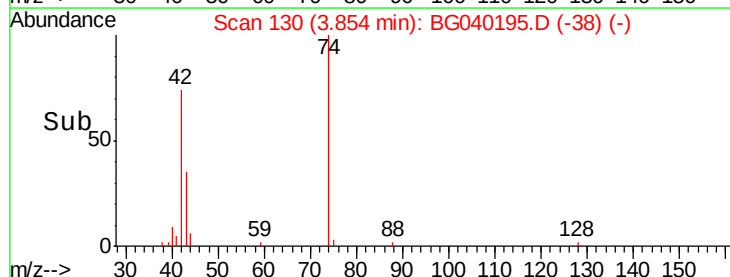
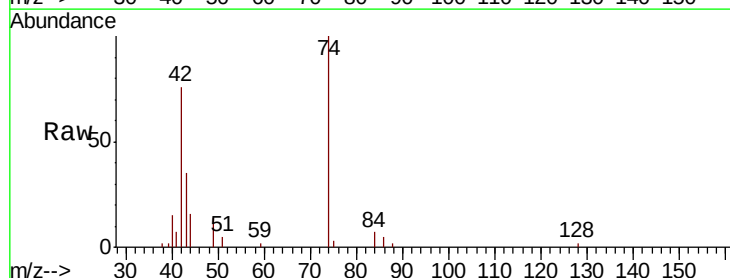
RT: 3.85 min Scan# 130

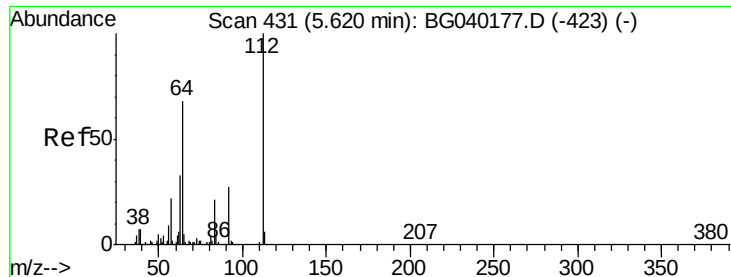
Delta R.T. 0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	42	Resp:	13182
Ion	Ratio	Lower	Upper
42	100		
74	132.0	92.9	139.3
44	21.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 130.666 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

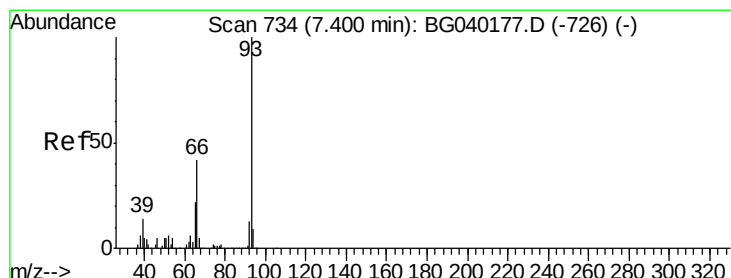
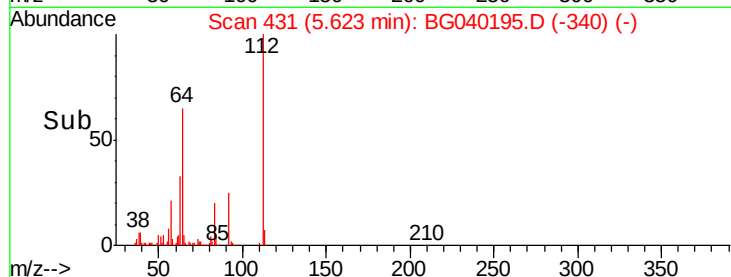
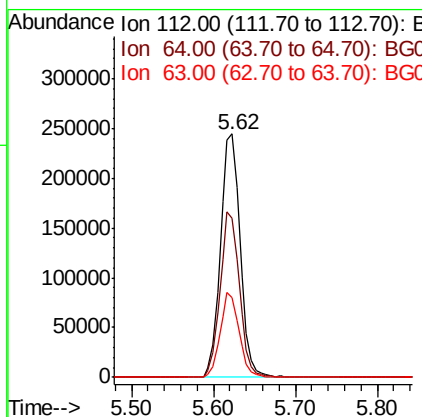
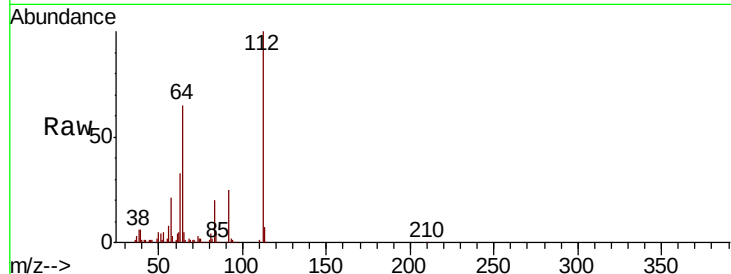
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	112	Resp:	409333
Ion Ratio	Lower	Upper	
112	100		
64	65.3	54.2	81.2
63	32.8	26.4	39.6

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#6

Aniline

Concen: 7.257 ng

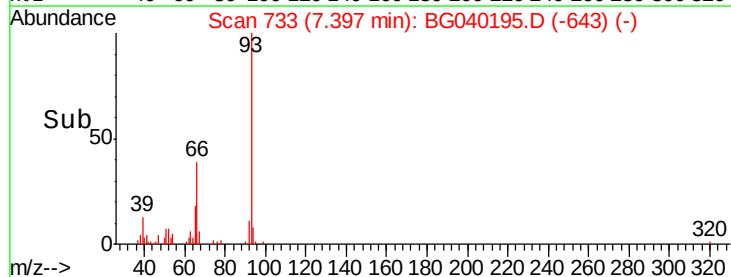
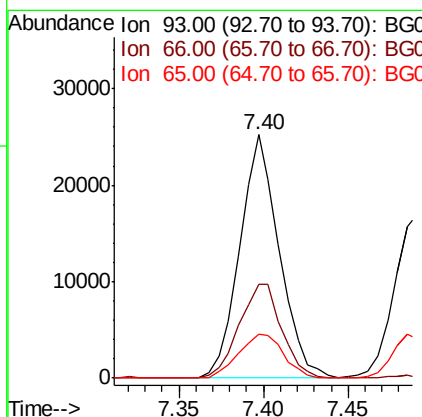
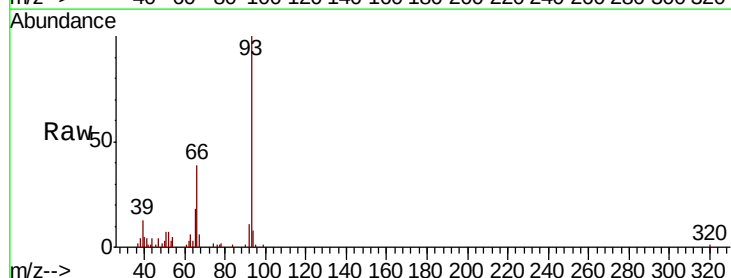
RT: 7.40 min Scan# 733

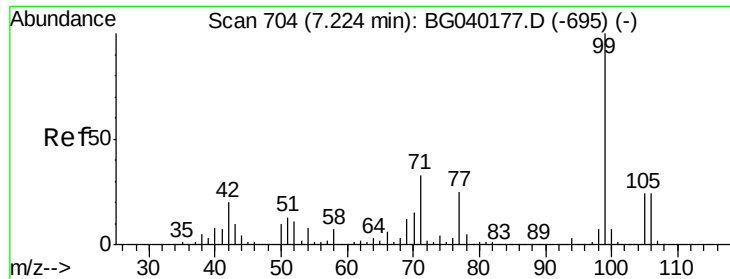
Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	93	Resp:	40817
Ion Ratio	Lower	Upper	
93	100		
66	38.8	33.6	50.4
65	18.1	17.4	26.2





#7

Phenol-d6

Concen: 130.036 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

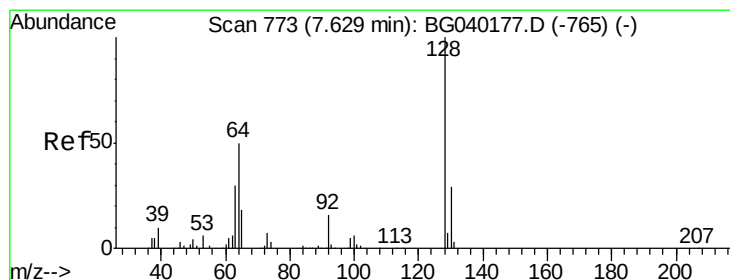
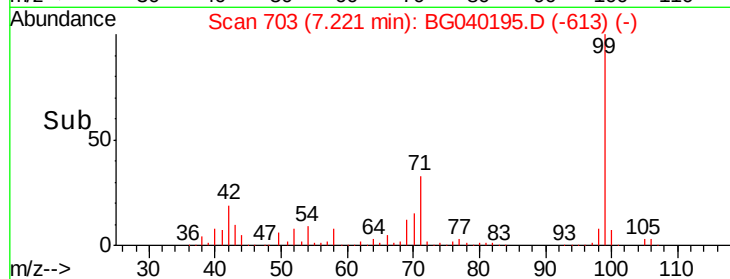
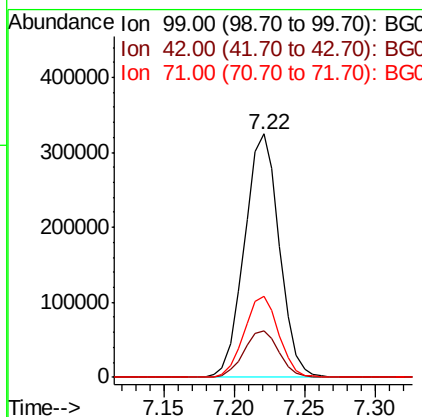
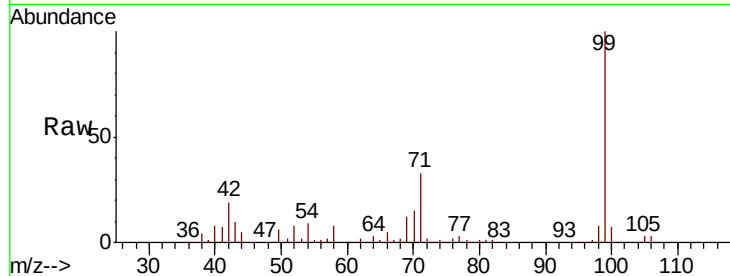
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	99	Resp:	562980
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.2	24.2
71	33.3	26.8	40.2

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#8

2-Chlorophenol

Concen: 7.663 ng

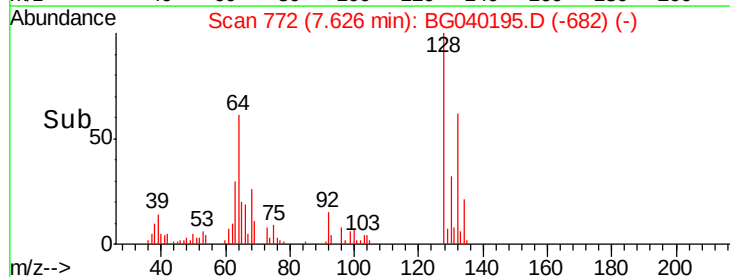
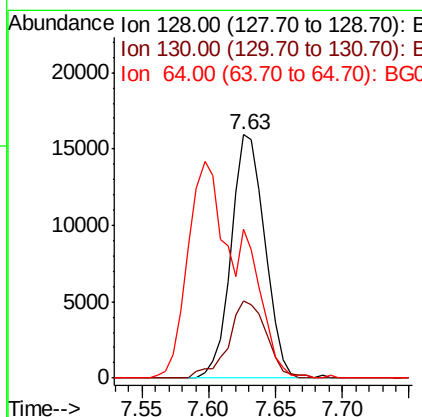
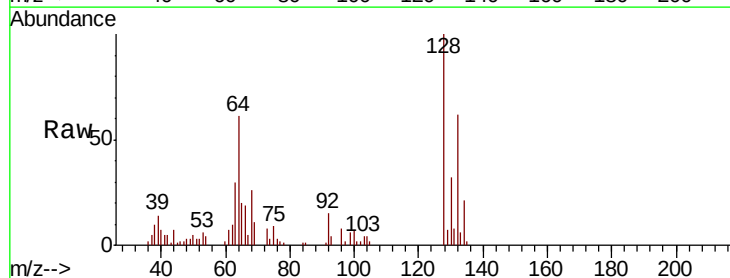
RT: 7.63 min Scan# 772

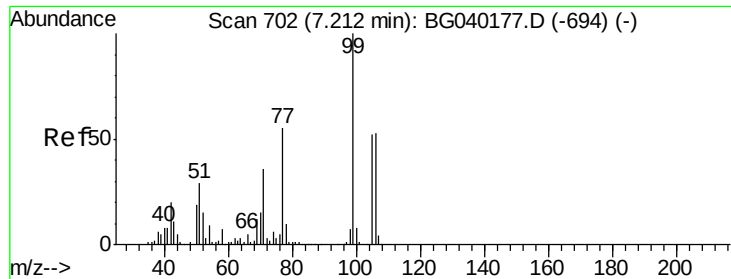
Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	128	Resp:	28100
Ion Ratio	Lower	Upper	
128	100		
130	31.7	9.1	49.1
64	61.3	33.1	73.1





#9

Benzaldehyde

Concen: 8.118 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

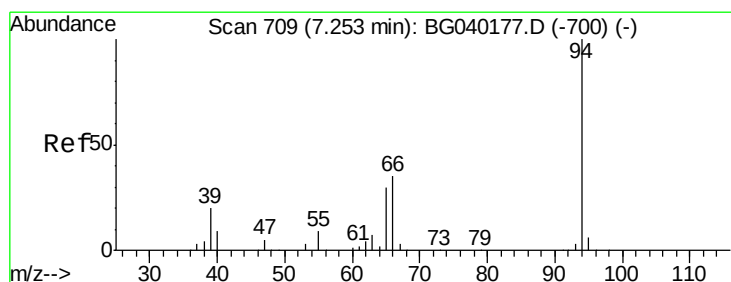
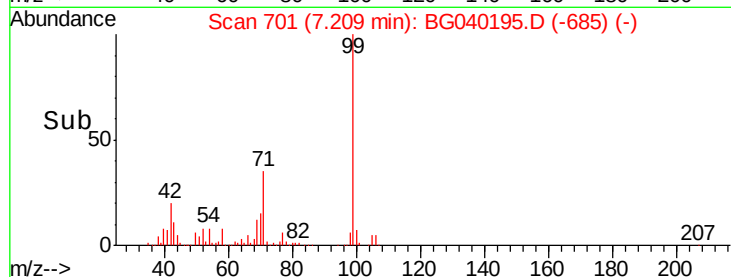
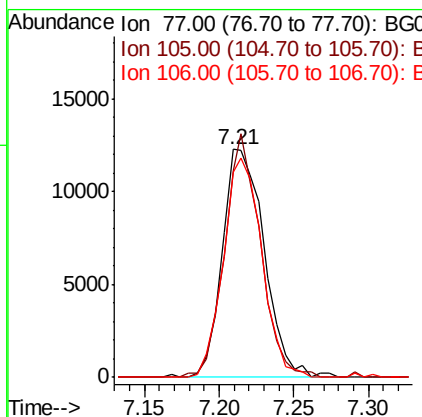
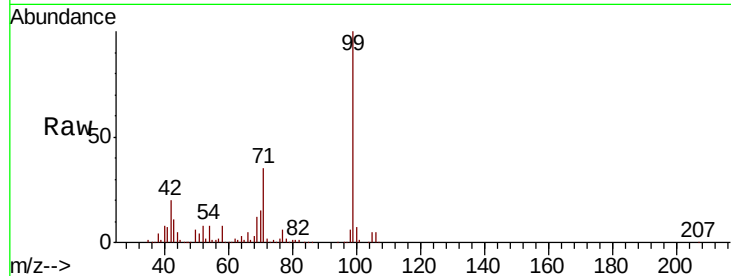
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	90.4	75.0	115.0	
106	89.9	75.7	115.7	

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#10

Phenol

Concen: 7.536 ng

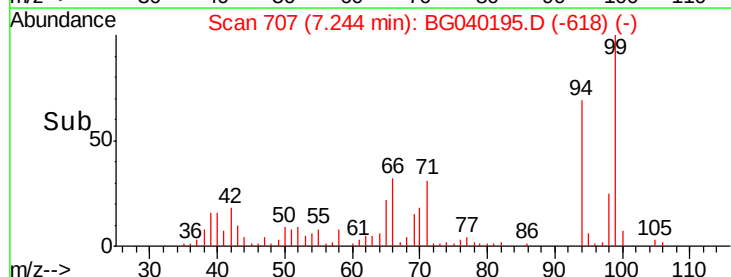
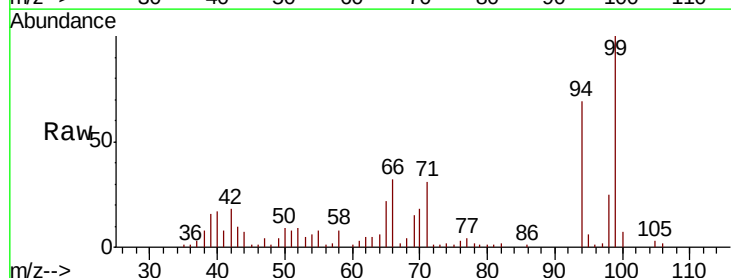
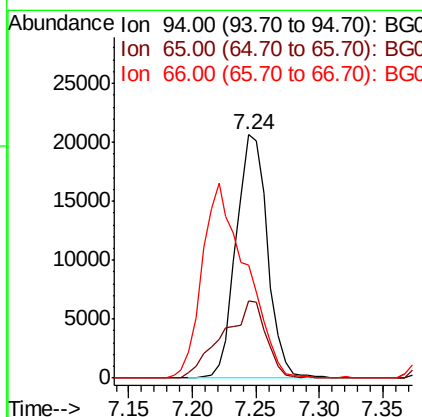
RT: 7.24 min Scan# 707

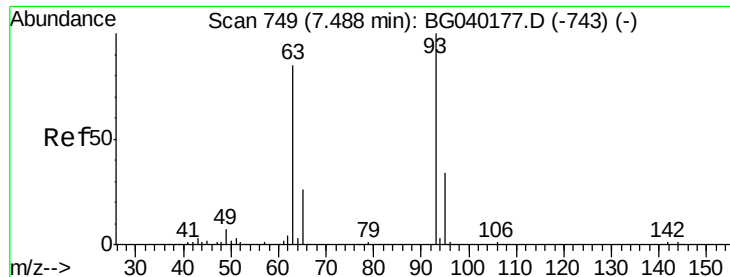
Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.5	10.5	50.5	
66	46.3	16.9	56.9	





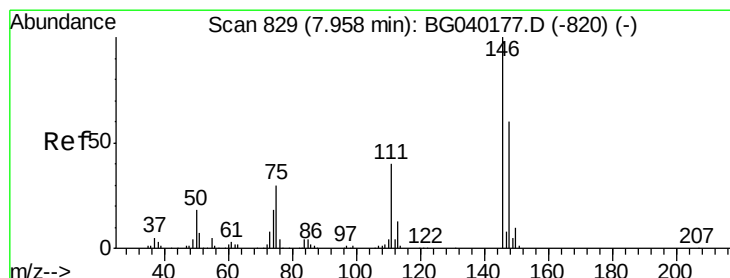
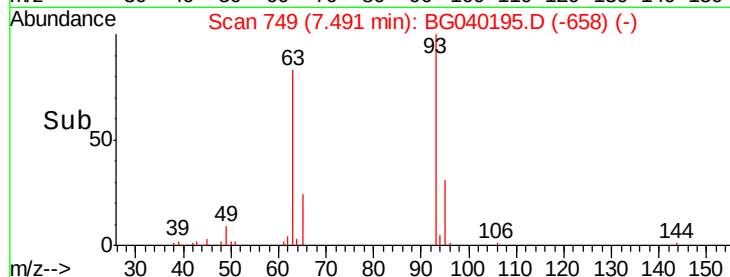
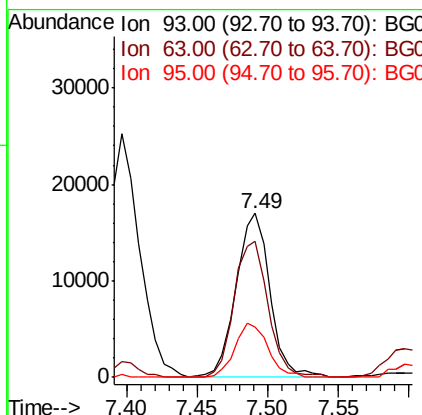
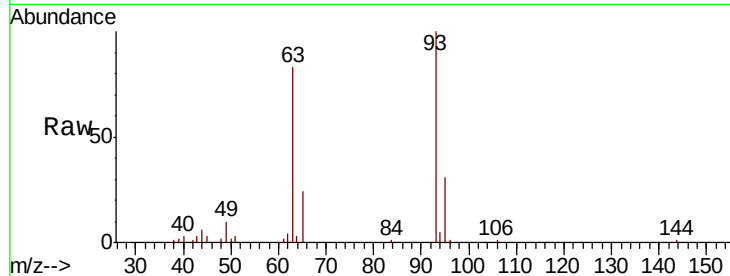
#11
bis(2-Chloroethyl)ether
Concen: 7.609 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	64.2	104.2
95	30.7	14.0	54.0

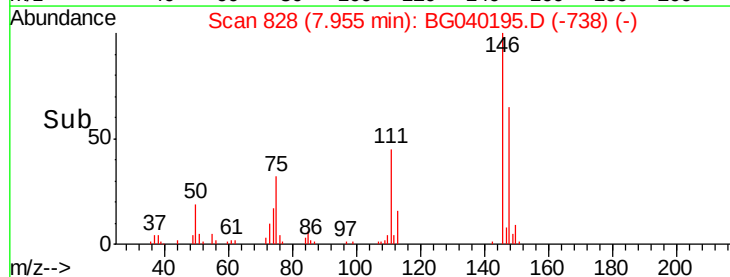
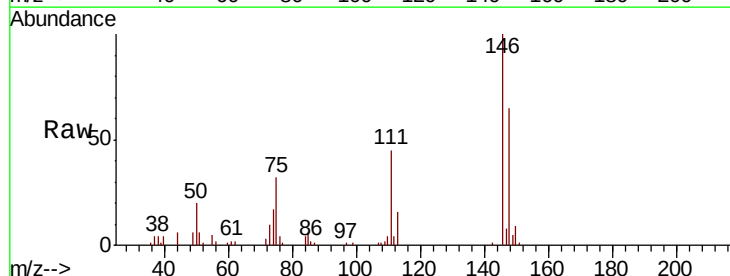
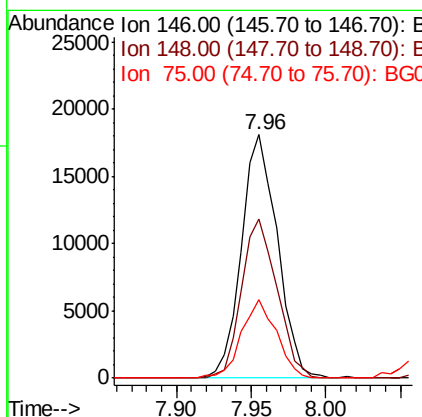
Manual Integrations
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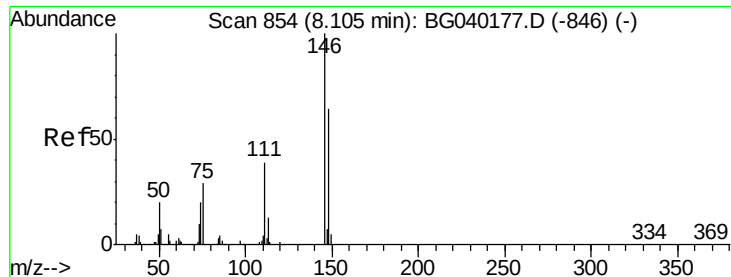
Sohil
3/29/2019 4:45:20 PM



#12
1,3-Dichlorobenzene
Concen: 7.550 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	48.2	72.2
75	32.0	24.1	36.1





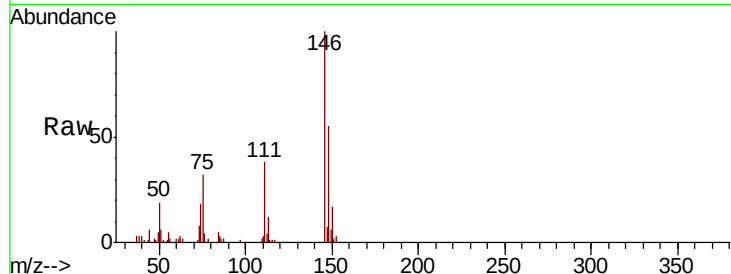
#13
 1,4-Dichlorobenzene
 Concen: 7.867 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	55.2	51.0	76.4
111	37.6	31.8	47.6

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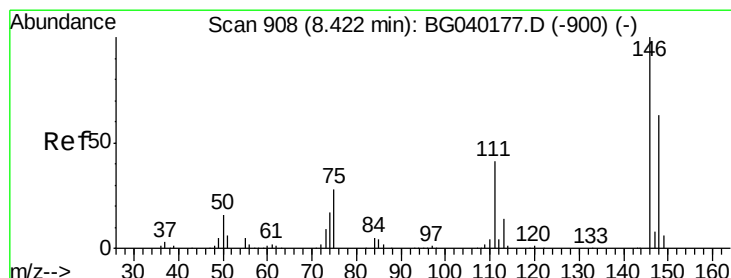
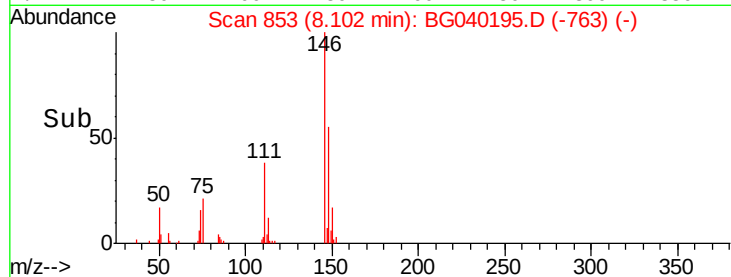
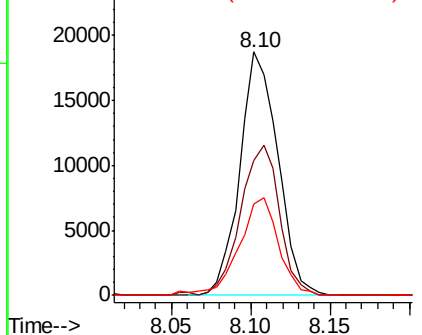


Abundance

Ion 146.00 (145.70 to 146.70): E

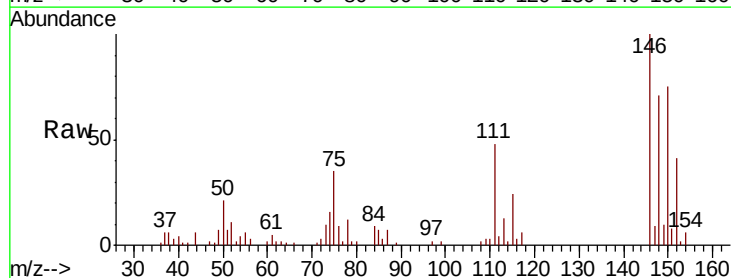
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 7.691 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.5	50.8	76.2
111	48.1	33.4	50.0

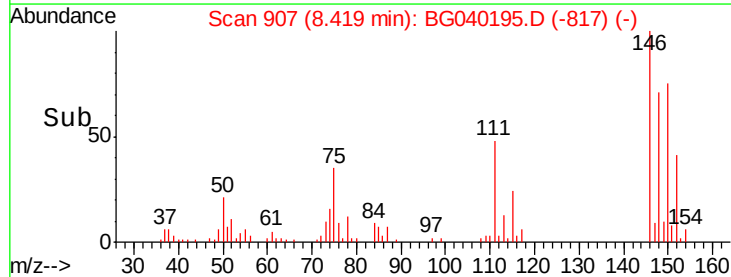
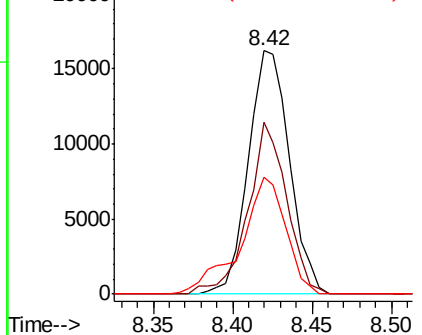


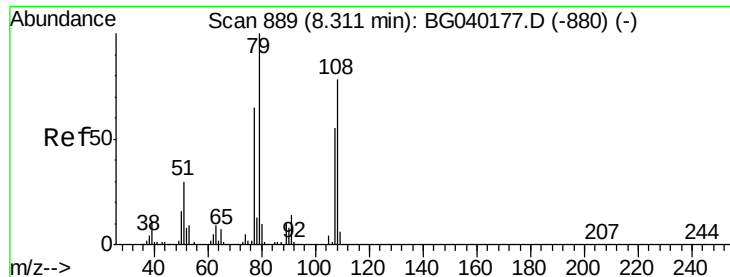
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.779 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

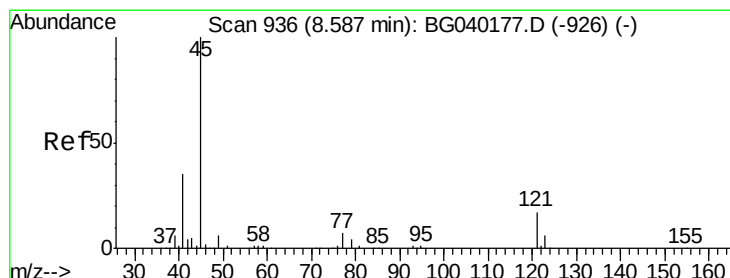
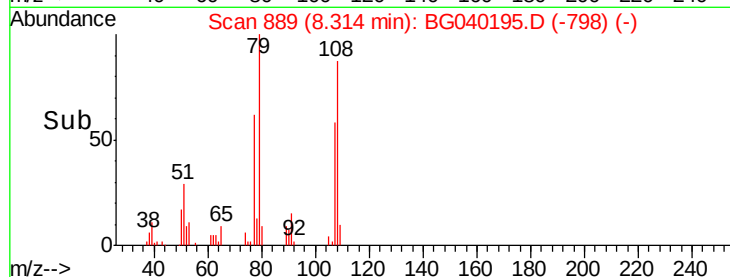
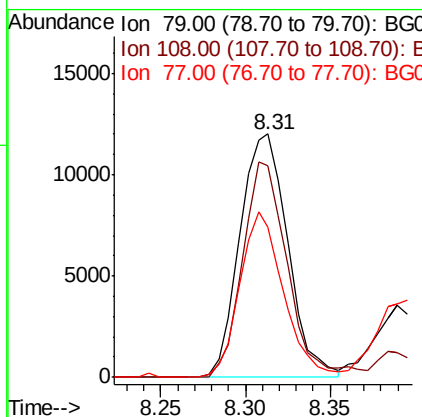
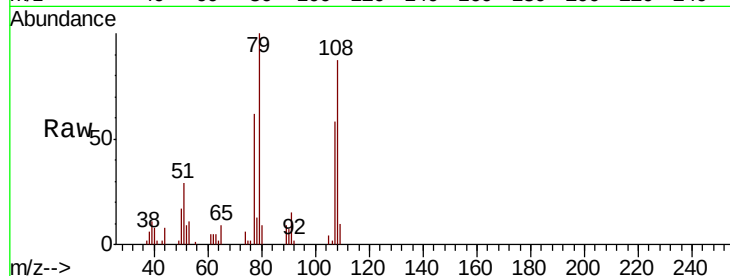
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	79	Resp:	23635
Ion Ratio	Lower	Upper	
79	100		
108	87.0	62.1	93.1
77	61.7	51.9	77.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.319 ng

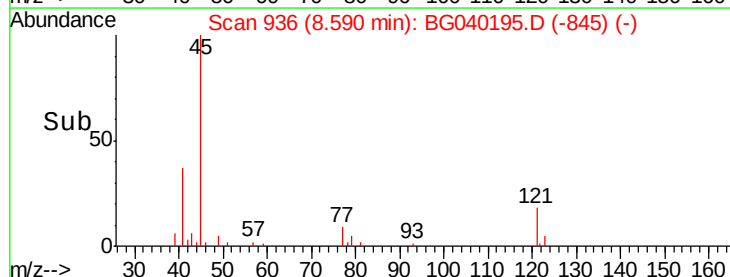
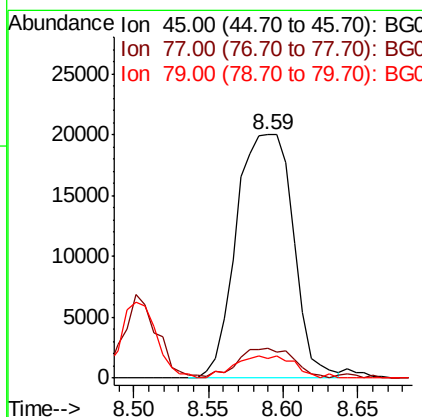
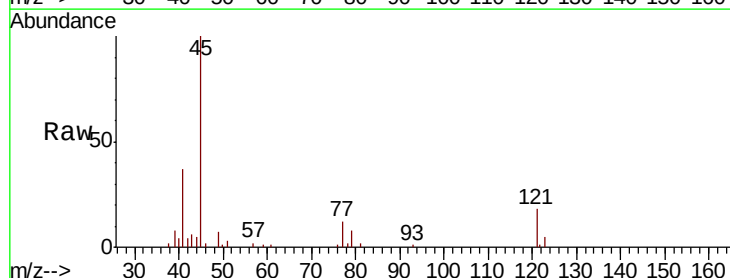
RT: 8.59 min Scan# 936

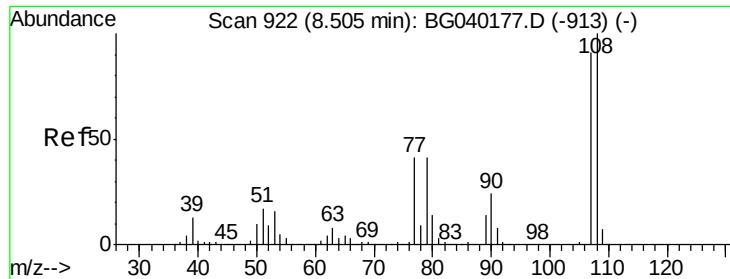
Delta R.T. 0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	45	Resp:	52871
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	31.4
79	8.1	0.0	28.3





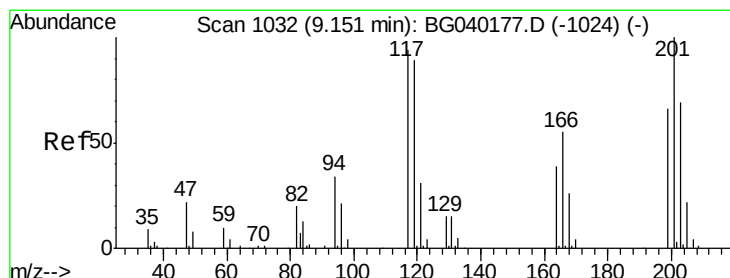
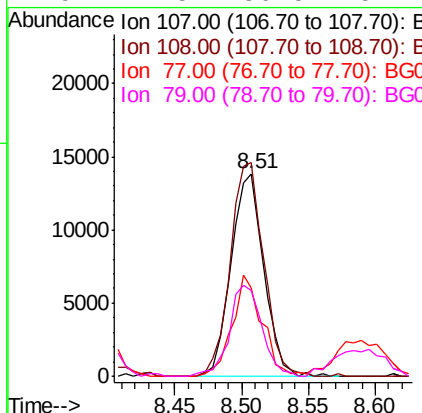
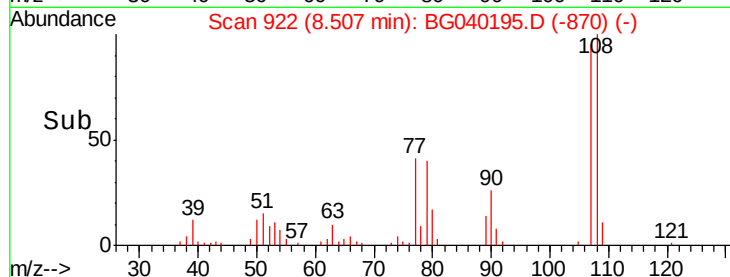
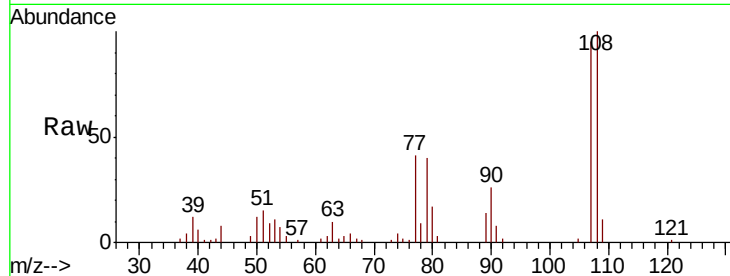
#17
2-Methylphenol
Concen: 7.249 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	107	Resp:	23571
Ion	Ratio	Lower	Upper
107	100		
108	105.3	88.2	132.4
77	43.6	36.6	55.0
79	42.5	36.5	54.7

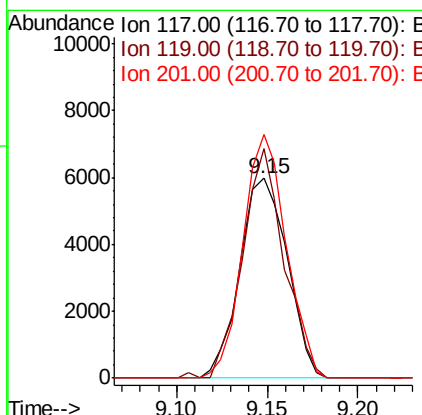
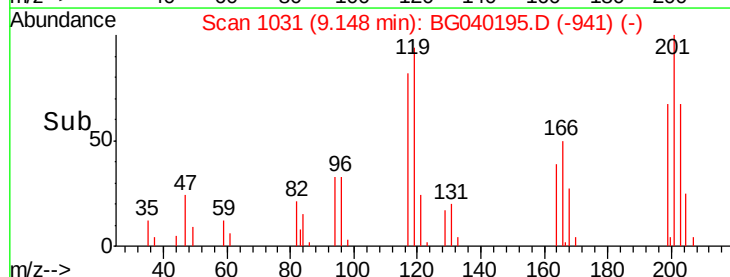
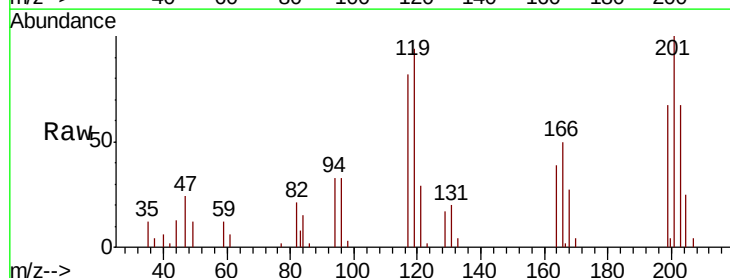
Manual Integrations
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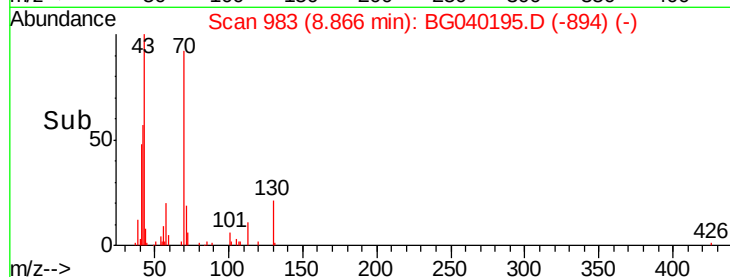
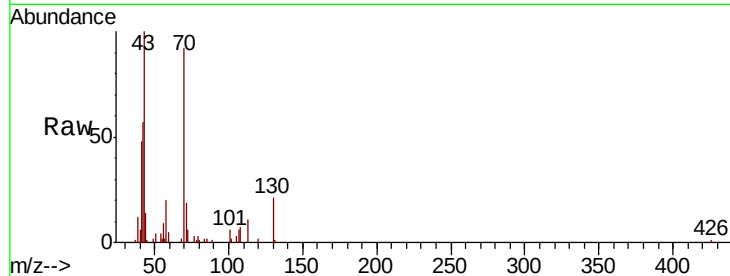
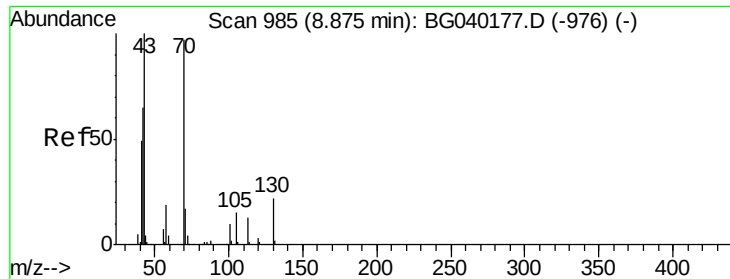
Sohil
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#18
Hexachloroethane
Concen: 7.211 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion:	117	Resp:	10890
Ion	Ratio	Lower	Upper
117	100		
119	115.0	76.6	115.0#
201	121.8	85.0	127.4





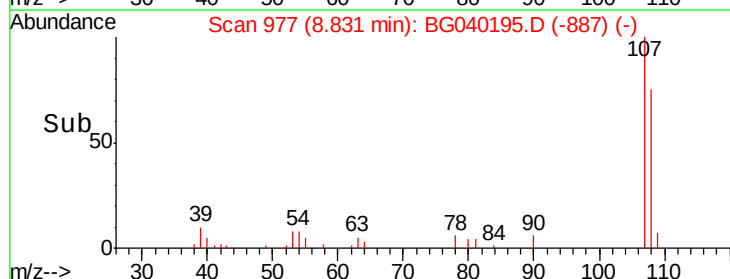
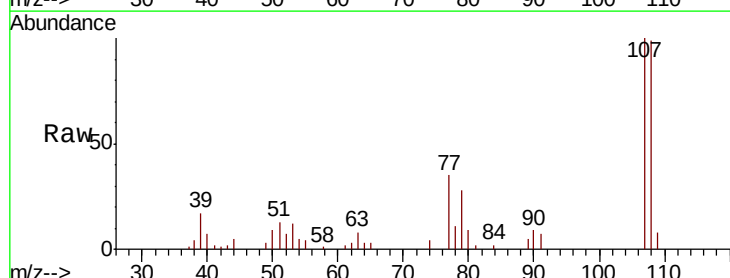
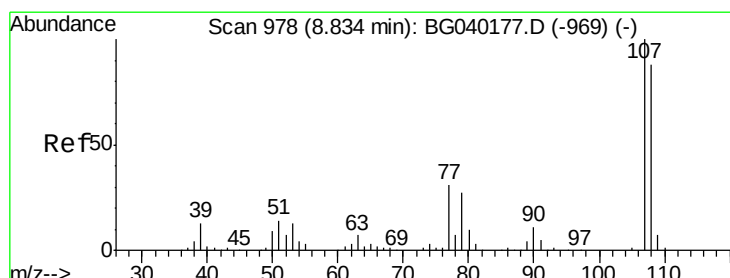
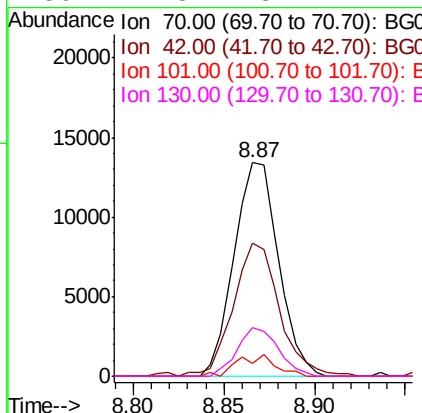
#19
n-Nitroso-di-n-propylamine
Concen: 7.390 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.2	54.0	81.0	
101	6.2	8.6	13.0	
130	22.8	18.2	27.2	

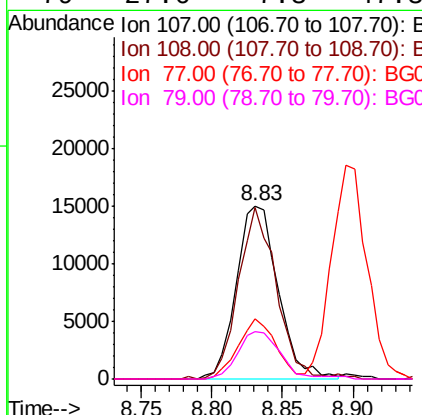
Manual Integrations
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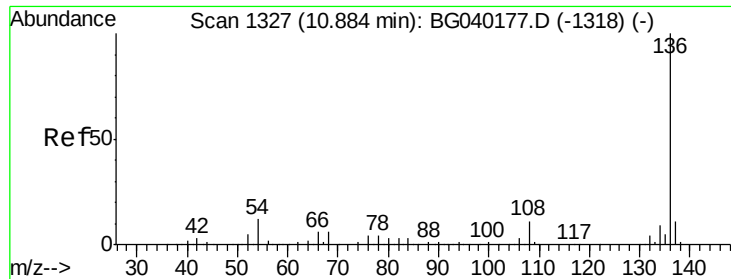
Sohil
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#20
3+4-Methylphenols
Concen: 7.060 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	99.2	68.3	108.3	
77	34.8	11.3	51.3	
79	27.6	7.3	47.3	





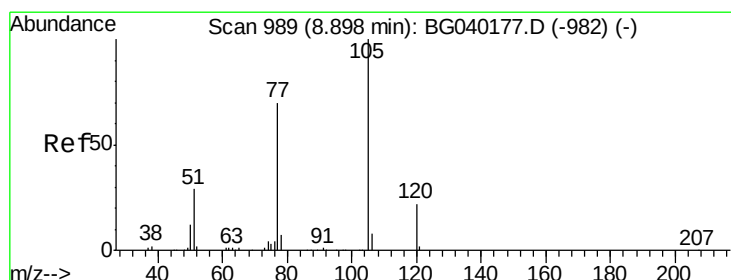
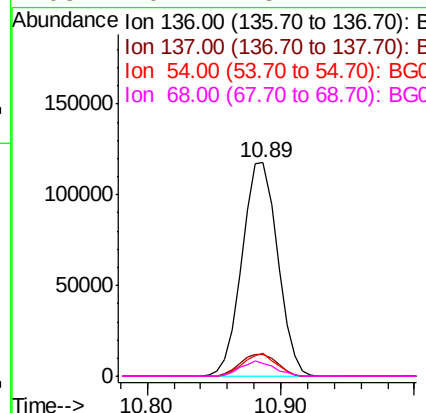
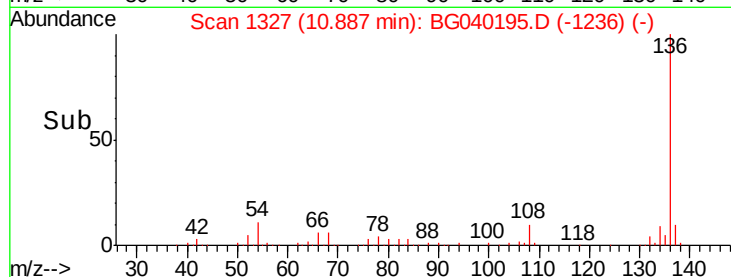
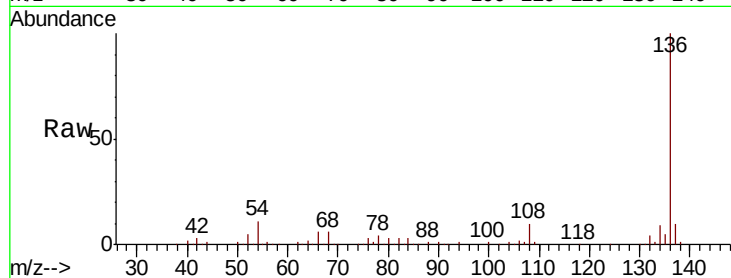
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	217321		
137	10.4		8.9	13.3
54	10.6		9.6	14.4
68	6.2		5.1	7.7

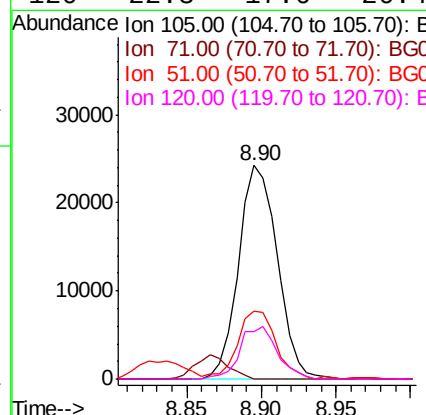
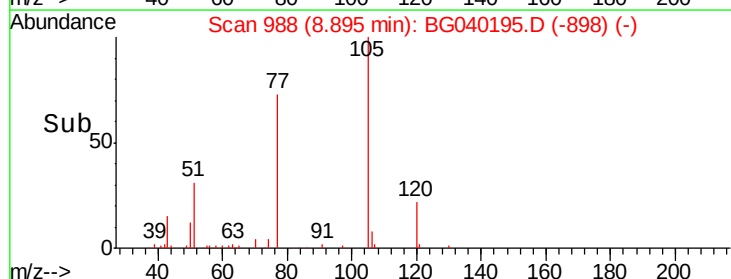
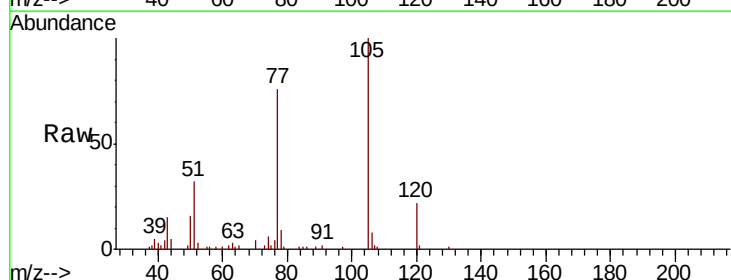
Manual Integrations
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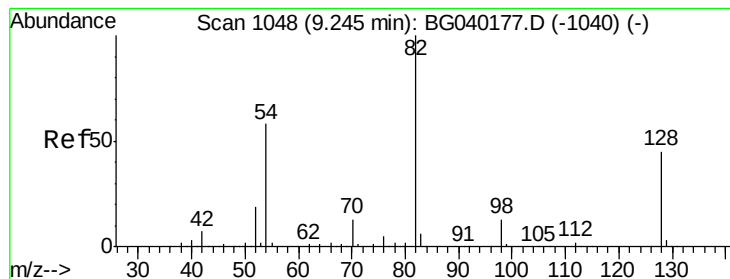
Sohil
3/29/2019 4:45:20 PM



#22
Acetophenone
Concen: 8.078 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	43791		
71	0.0		0.6	1.0#
51	32.0		25.1	37.7
120	22.3		17.6	26.4





#23

Nitrobenzene-d5

Concen: 91.869 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

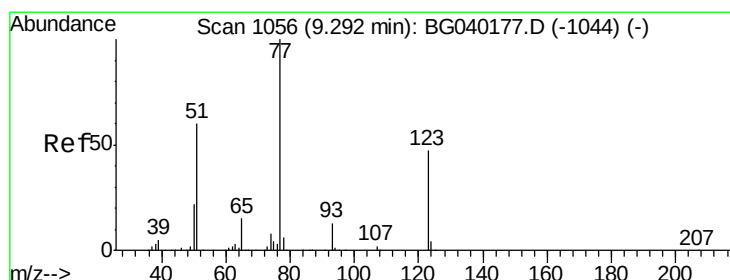
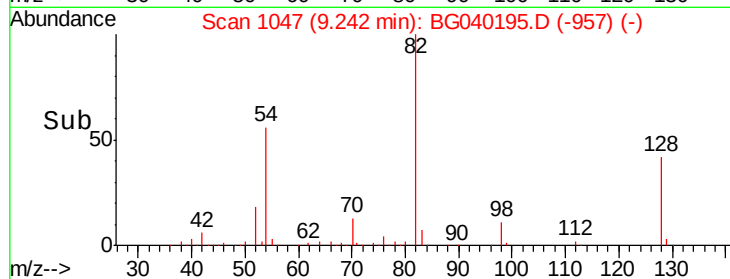
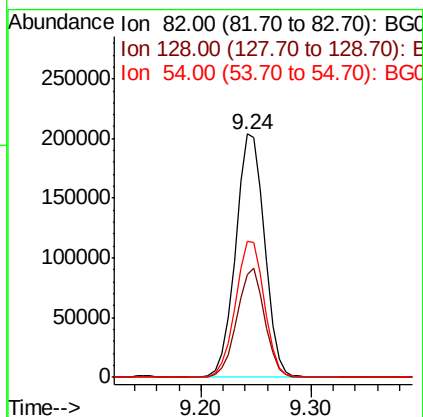
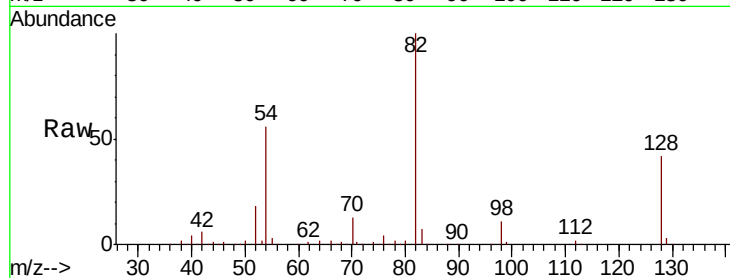
ClientSampleID :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	82	Resp:	375612
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.8	53.8
54	56.0	46.2	69.2

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#24

Nitrobenzene

Concen: 8.036 ng

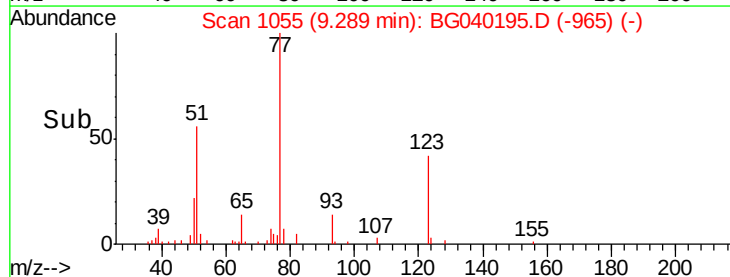
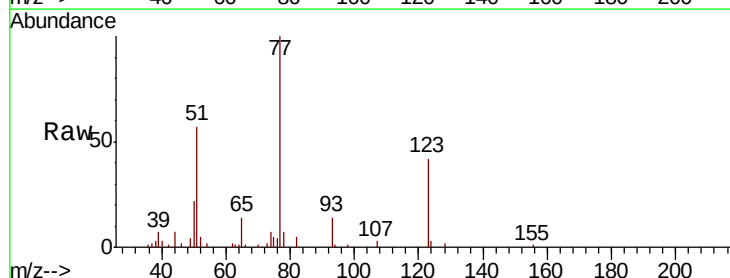
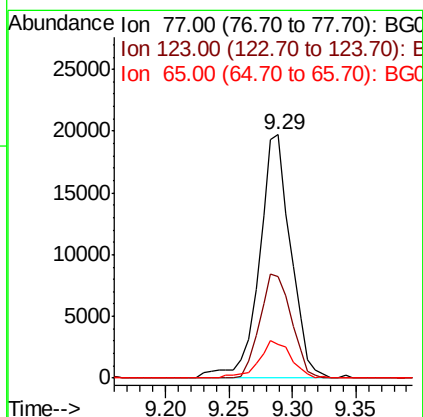
RT: 9.29 min Scan# 1055

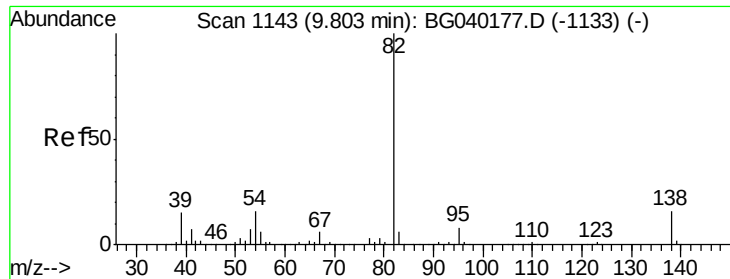
Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	77	Resp:	34025
Ion Ratio	Lower	Upper	
77	100		
123	41.8	37.8	56.6
65	14.0	12.0	18.0





#25

Isophorone

Concen: 7.405 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

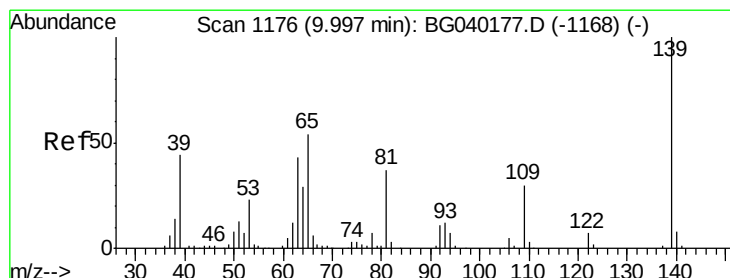
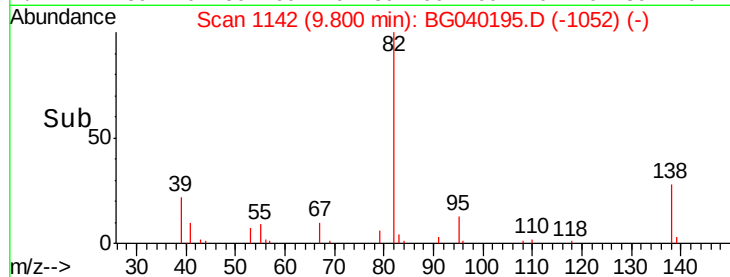
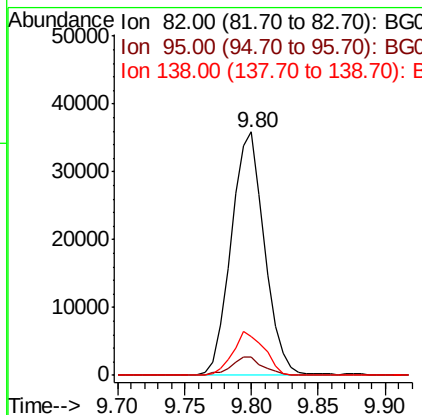
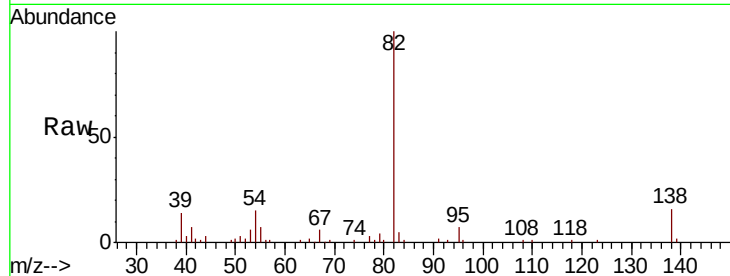
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	82	Resp:	62298
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	16.0	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 6.843 ng

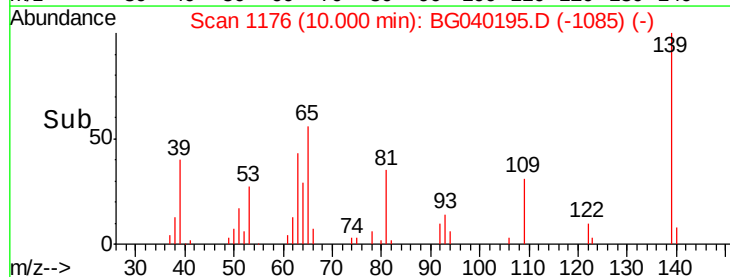
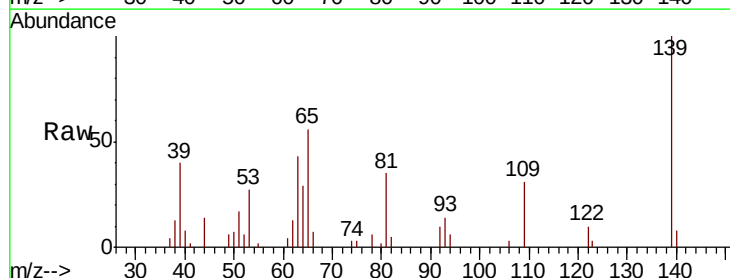
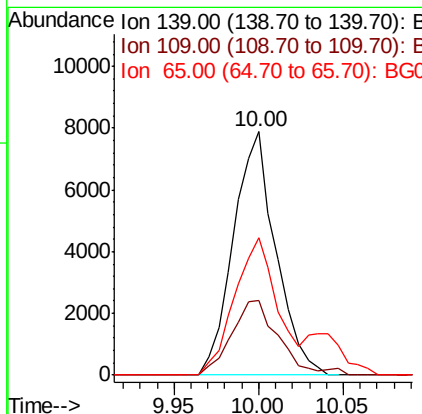
RT: 10.00 min Scan# 1176

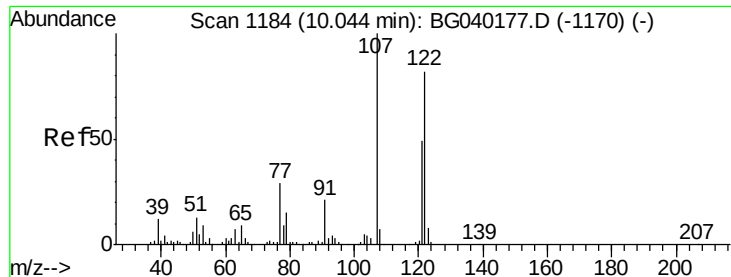
Delta R.T. 0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	139	Resp:	13729
Ion Ratio	Lower	Upper	
139	100		
109	30.6	24.1	36.1
65	56.2	43.0	64.6





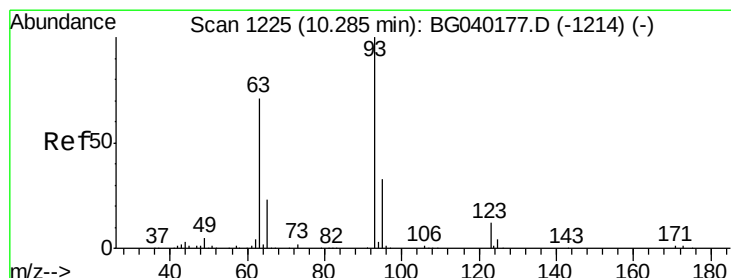
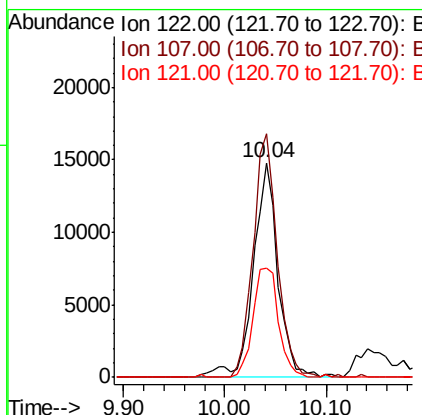
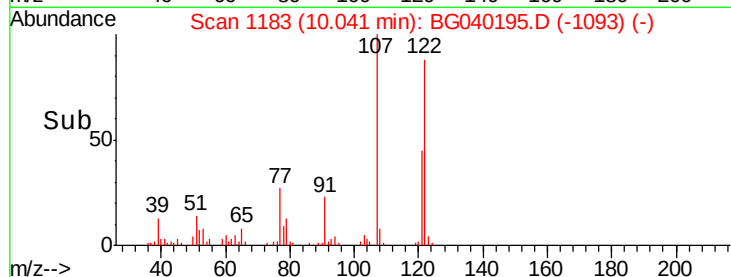
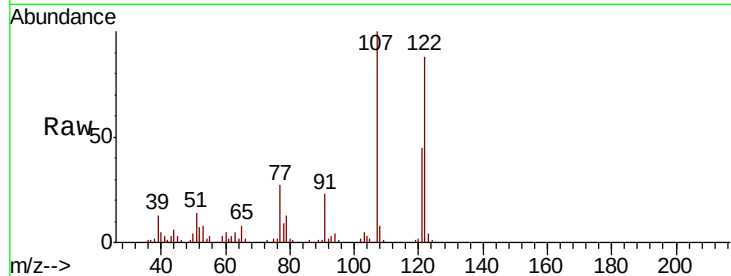
#27
2,4-Dimethylphenol
Concen: 7.803 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	97.4	146.2
121	51.3	47.7	71.5

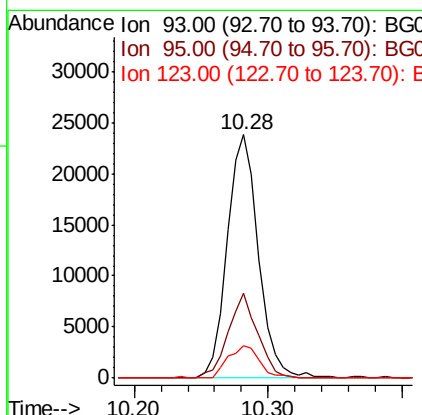
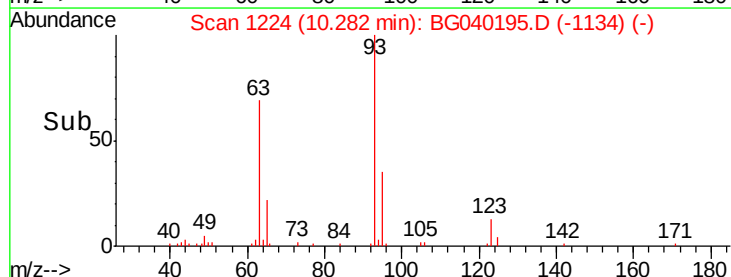
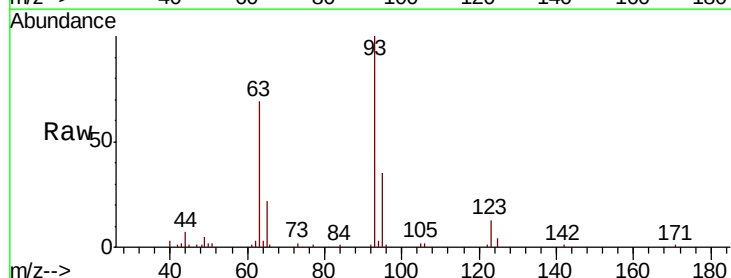
Manual Integrations
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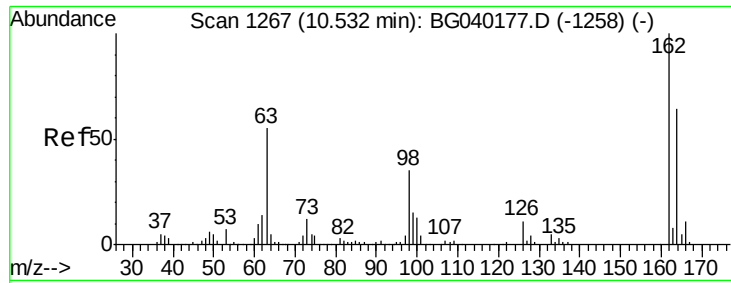
Sohil
3/29/2019 4:45:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.822 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	26.2	39.4
123	13.5	9.4	14.0





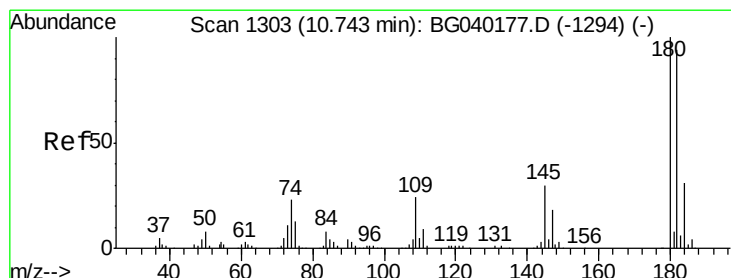
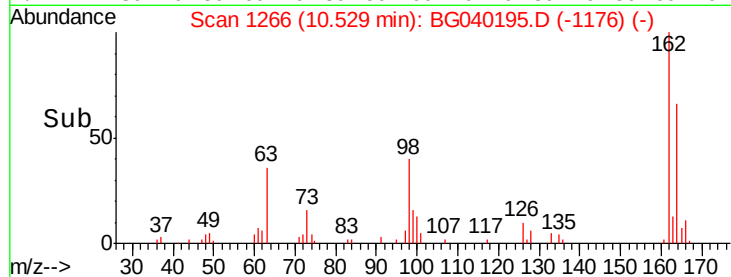
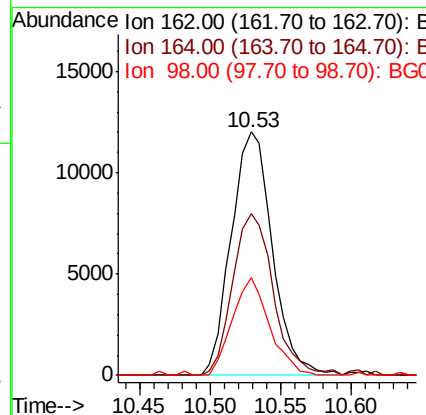
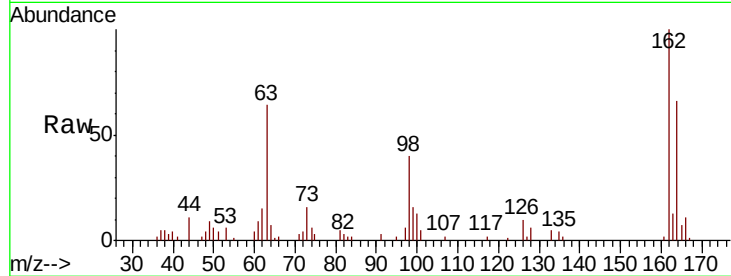
#29
 2,4-Dichlorophenol
 Concen: 7.055 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	162	Resp:	24403
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.9	83.9
98	40.3	15.6	55.6

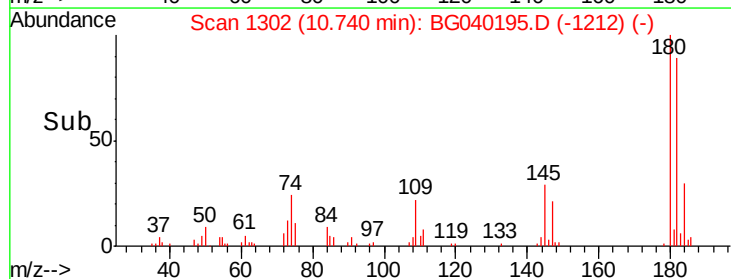
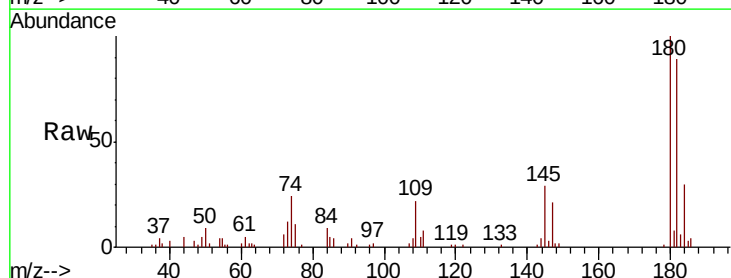
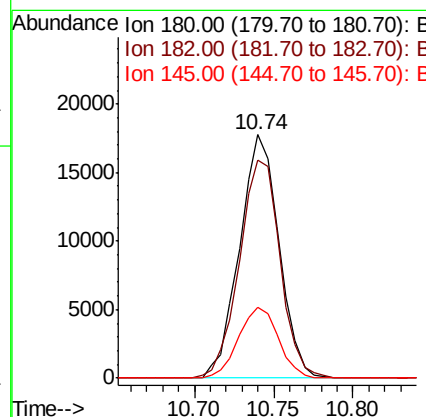
Manual Integrations
 APPROVED

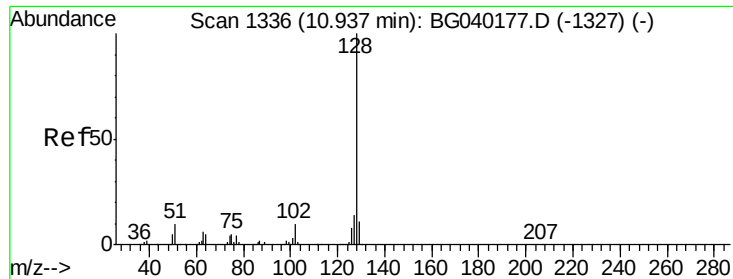
Sohil
 3/29/2019 4:45:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 8.041 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion:	180	Resp:	30538
Ion Ratio	Lower	Upper	
180	100		
182	89.5	75.1	112.7
145	29.0	24.1	36.1





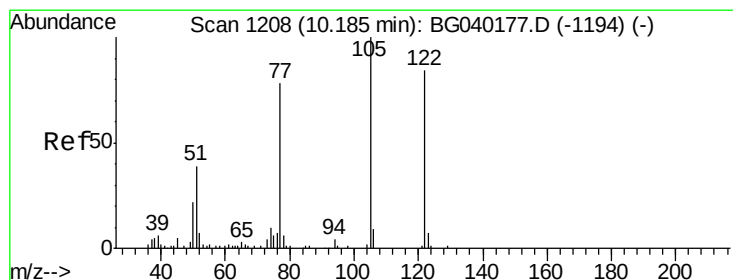
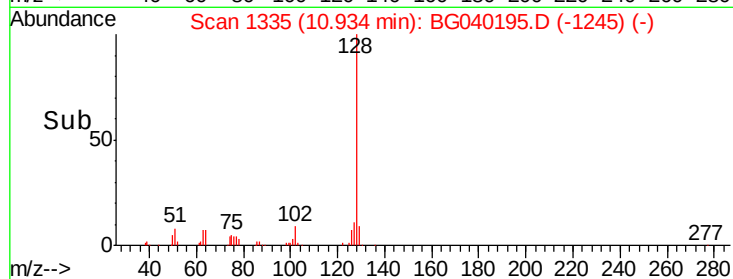
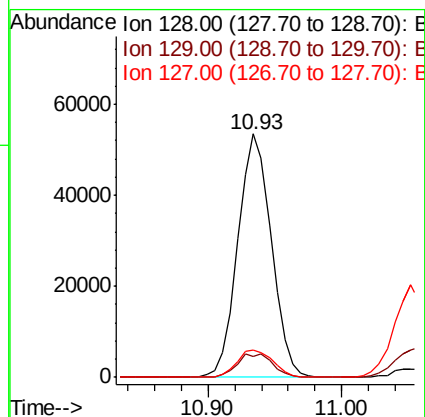
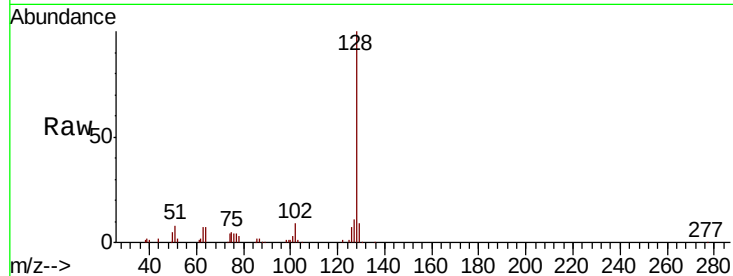
#31
Naphthalene
Concen: 8.304 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	8.7	8.9	13.3#
127	11.2	11.4	17.0#

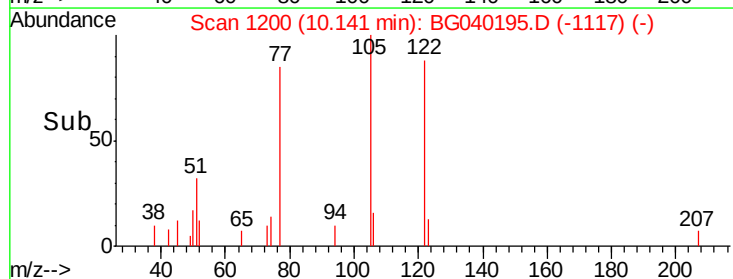
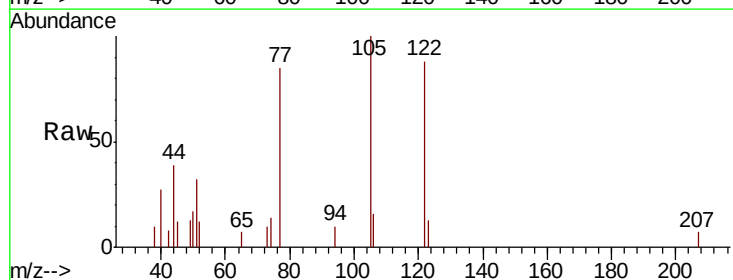
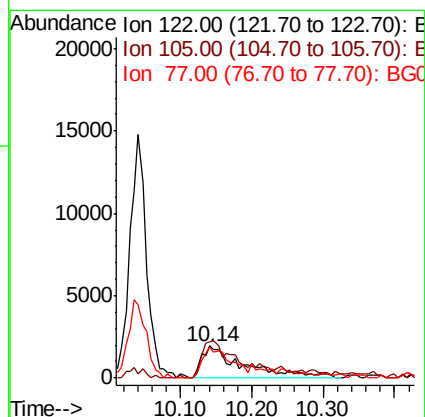
Manual Integrations
APPROVED

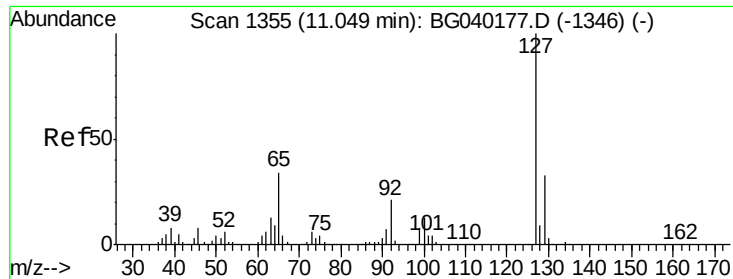
Sohil
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#32
Benzoic acid
Concen: 4.133 ng m
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.0	98.2	138.2
77	96.4	73.6	113.6





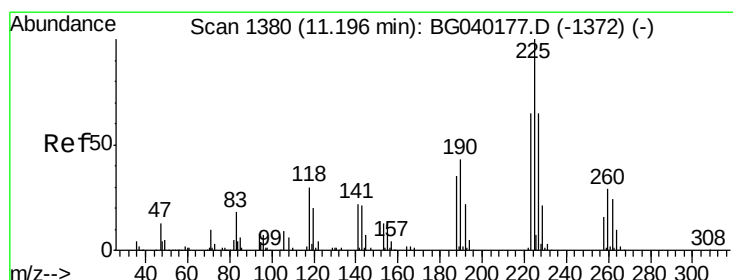
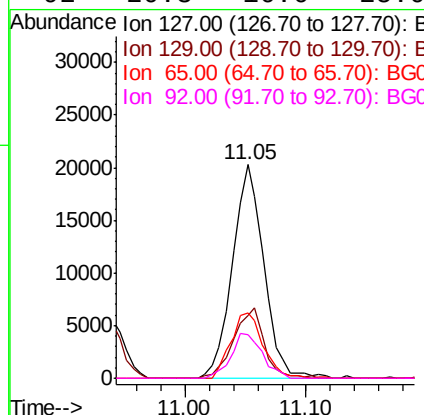
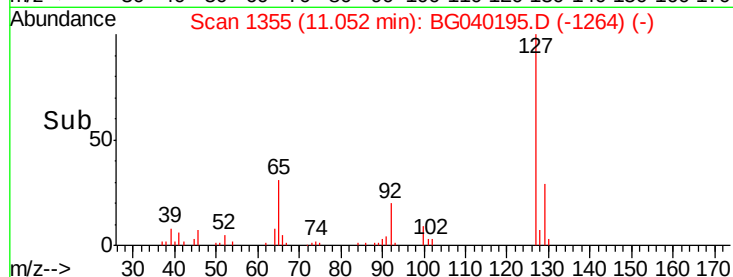
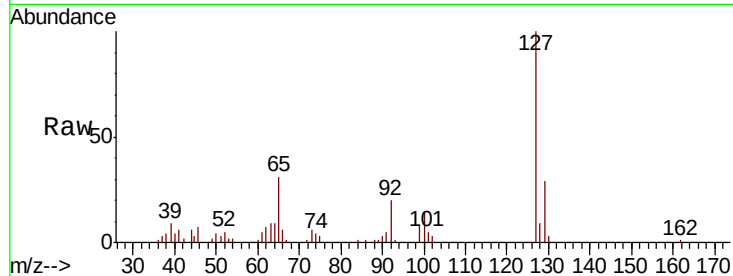
#33
4-Chloroaniline
Concen: 7.714 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.6	40.0
65	30.7	27.0	40.4
92	20.3	16.6	25.0

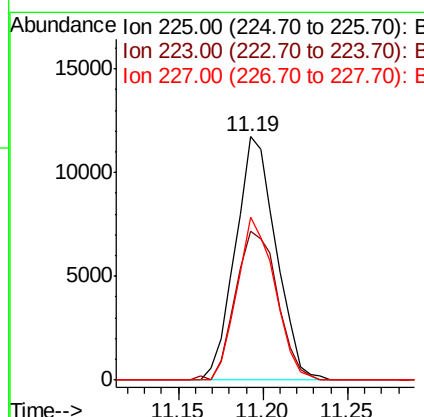
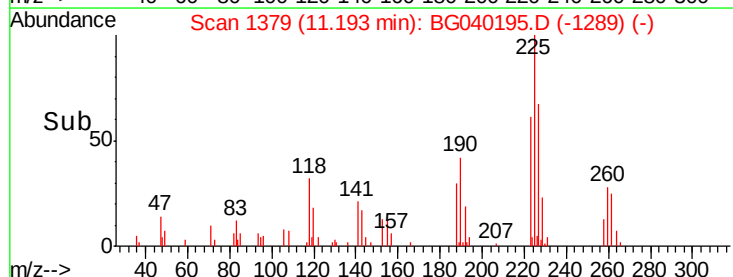
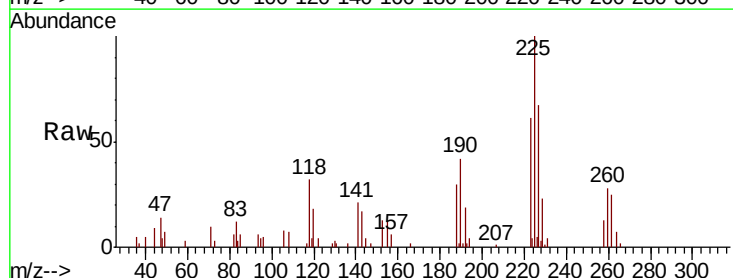
Manual Integrations
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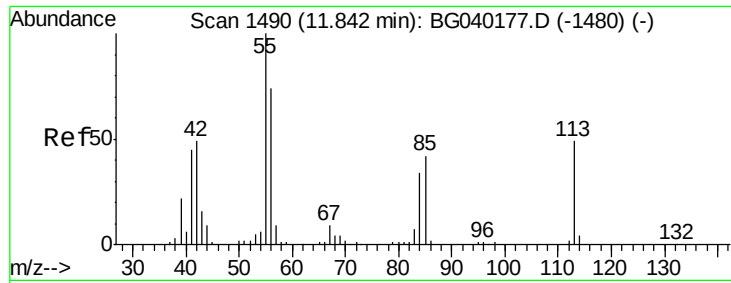
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#34
Hexachlorobutadiene
Concen: 8.056 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.8	77.8
227	69.8	54.9	82.3





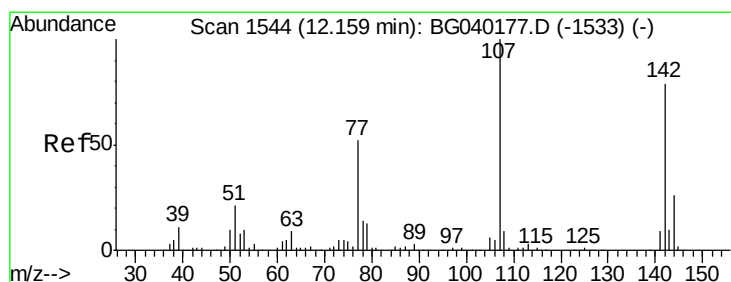
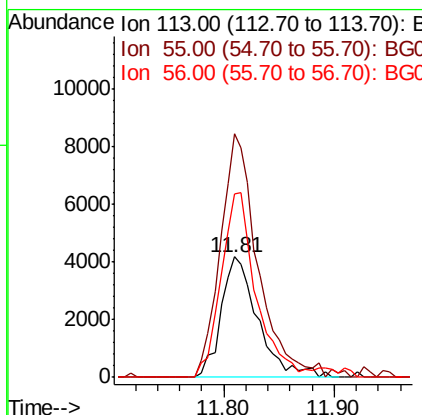
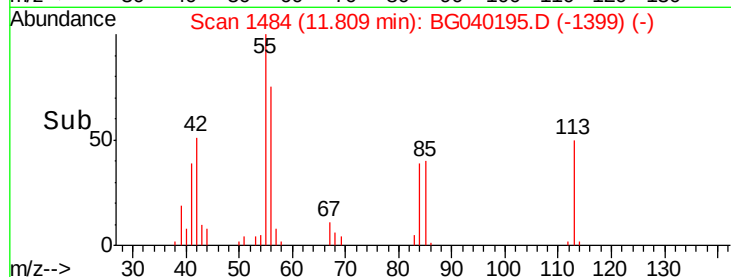
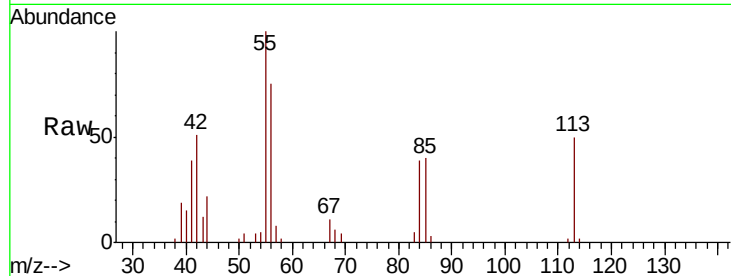
#35
Caprolactam
Concen: 7.085 ng
RT: 11.81 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampled :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion:113 Resp: 9725
Ion Ratio Lower Upper
113 100
55 201.9 184.2 224.2
56 152.2 131.3 171.3

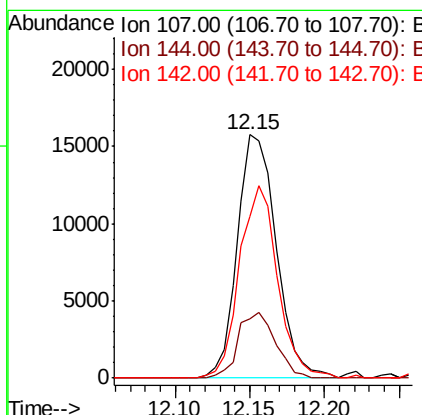
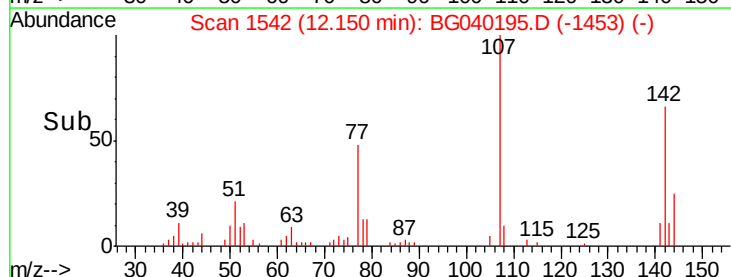
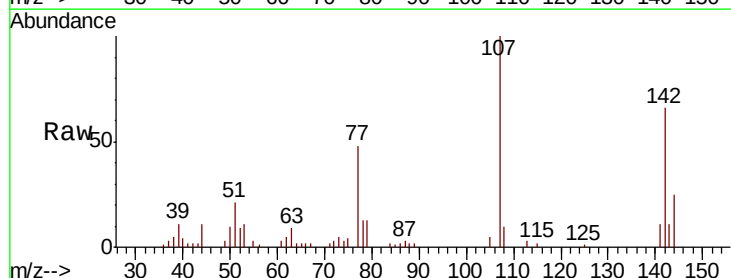
Manual Integrations
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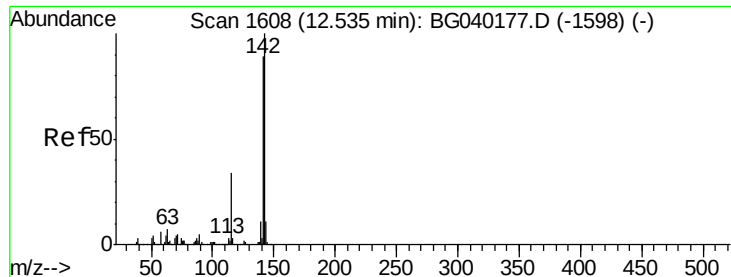
Sohil
3/29/2019 4:45:20 PM



#36
4-Chloro-3-methylphenol
Concen: 7.204 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion:107 Resp: 28647
Ion Ratio Lower Upper
107 100
144 24.6 20.5 30.7
142 66.2 63.1 94.7





#37

2-Methylnaphthalene

Concen: 8.111 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

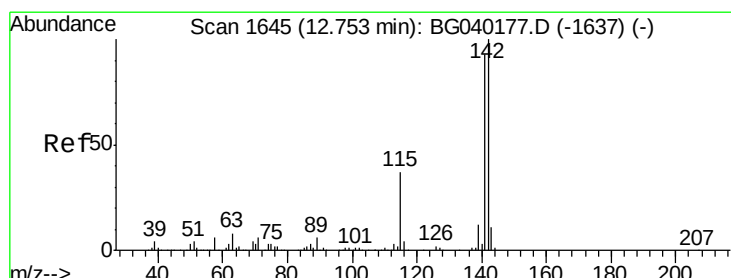
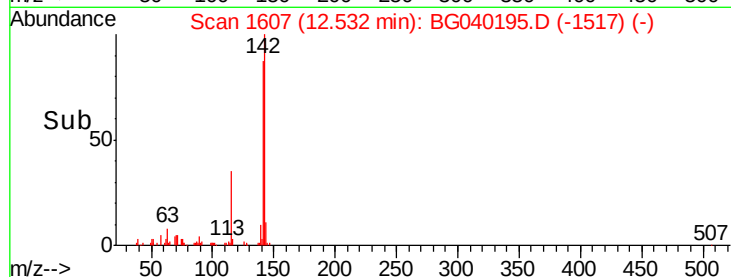
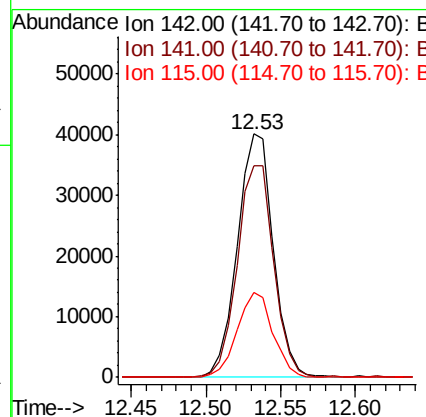
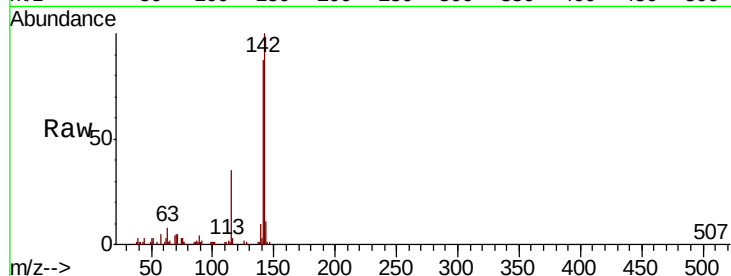
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	142	Resp:	66819
Ion Ratio	Lower	Upper	
142	100		
141	86.8	71.0	106.6
115	34.7	27.3	40.9

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 8.302 ng

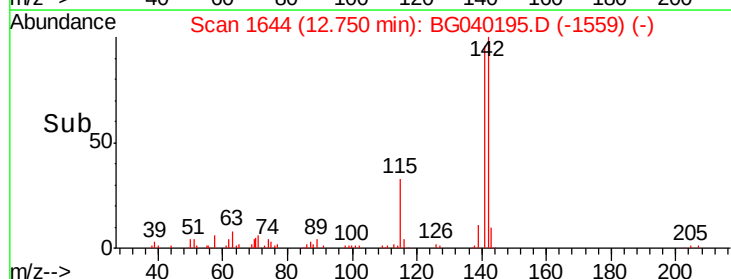
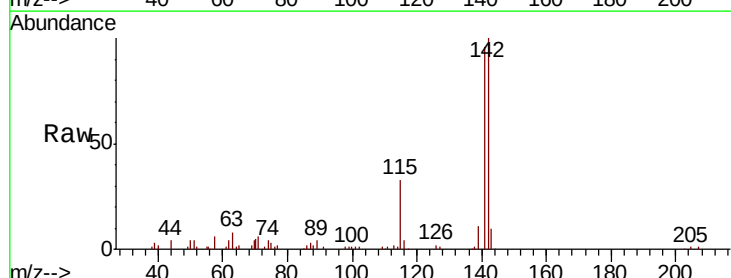
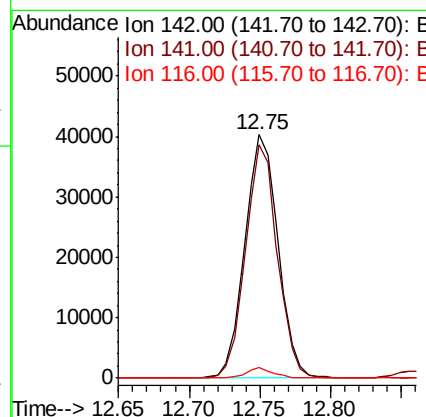
RT: 12.75 min Scan# 1644

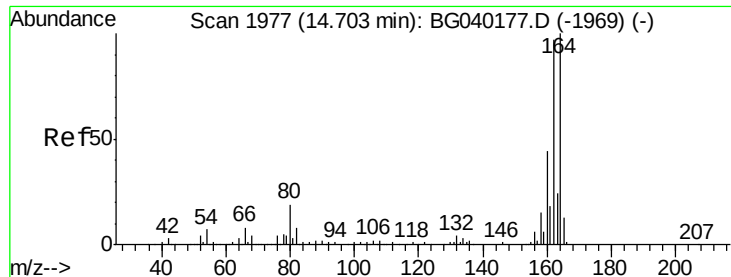
Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	142	Resp:	66320
Ion Ratio	Lower	Upper	
142	100		
141	95.6	74.2	111.4
116	4.4	3.0	4.4





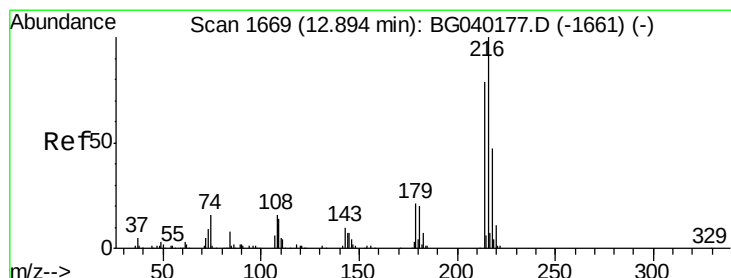
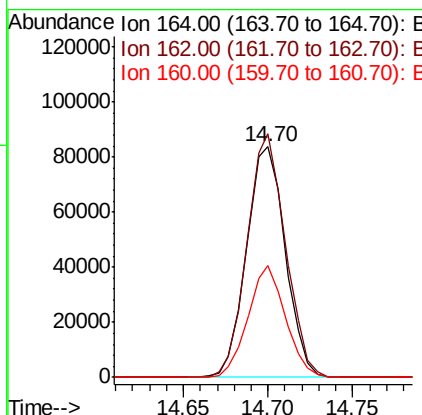
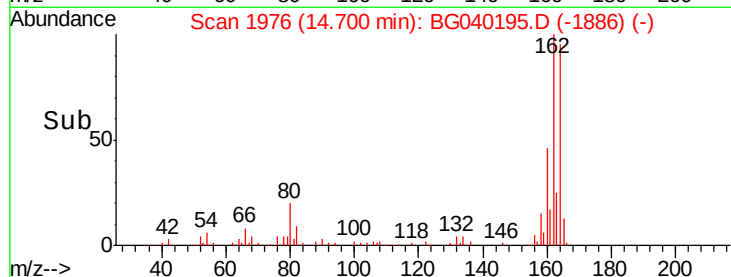
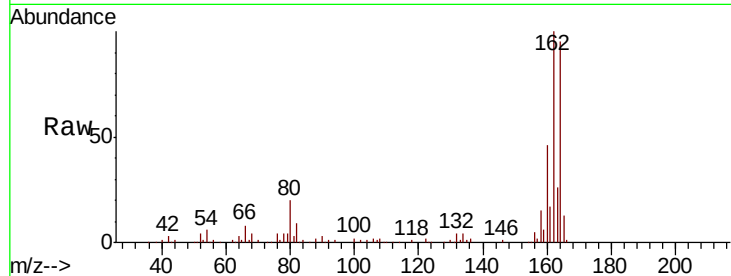
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	77.4	116.2
160	48.6	35.3	52.9

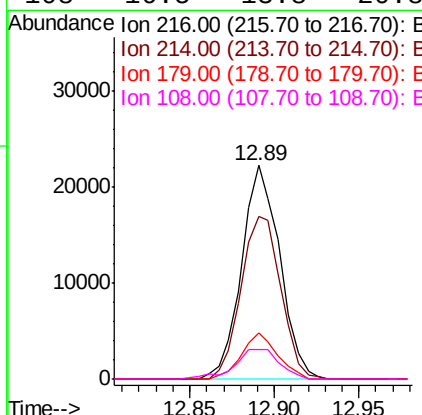
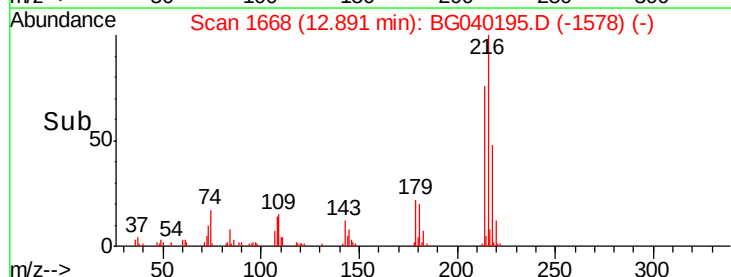
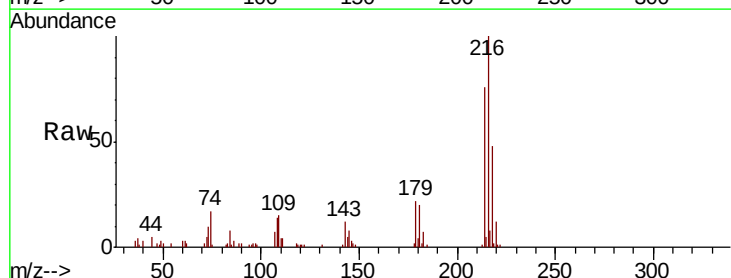
Manual Integrations
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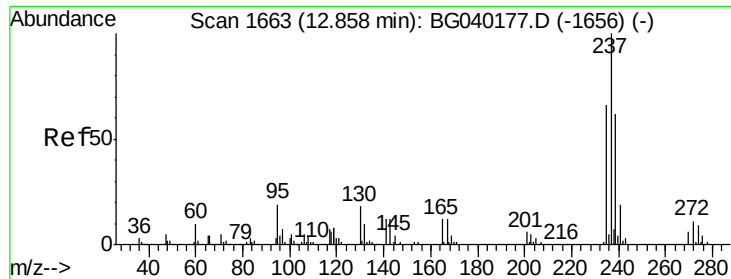
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.212 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	20.5	16.6	25.0
108	16.5	13.8	20.8





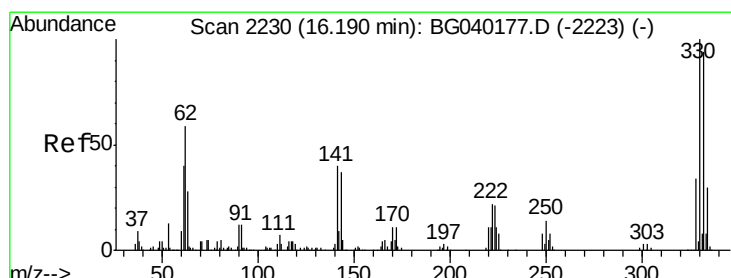
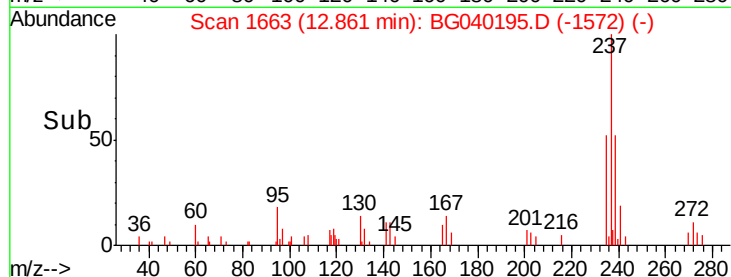
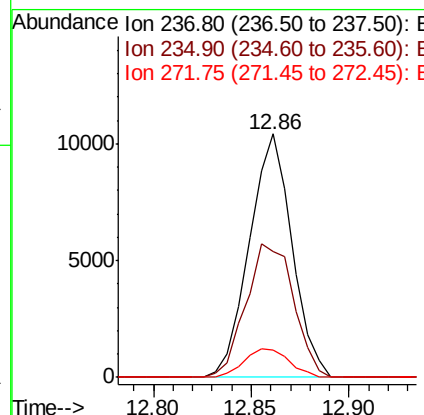
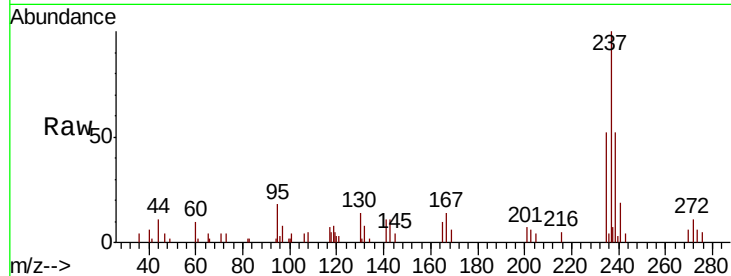
#41
Hexachlorocyclopentadiene
Concen: 6.742 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
237	100		
235	51.5	46.2	86.2
272	11.2	0.0	30.5

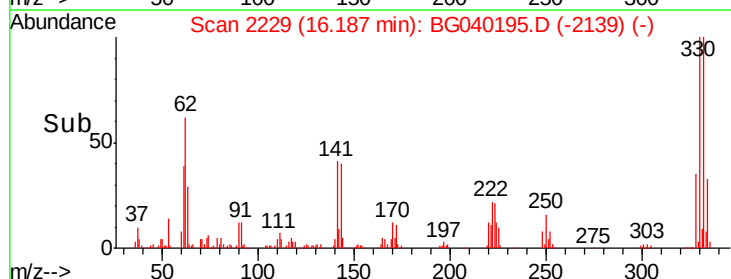
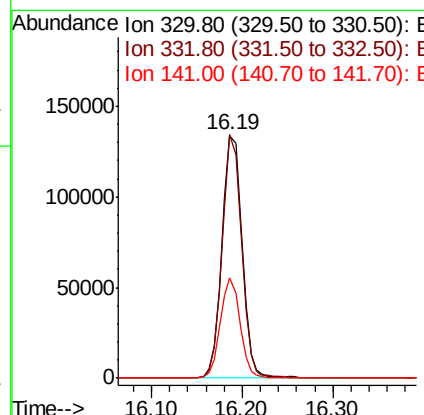
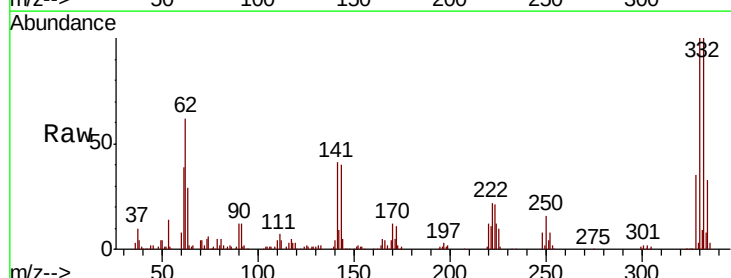
Manual Integrations
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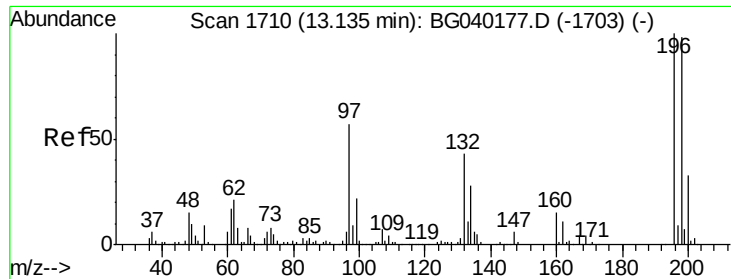
Sohil
3/29/2019 4:45:20 PM



#42
2,4,6-Tribromophenol
Concen: 142.909 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	40.2	32.6	48.8





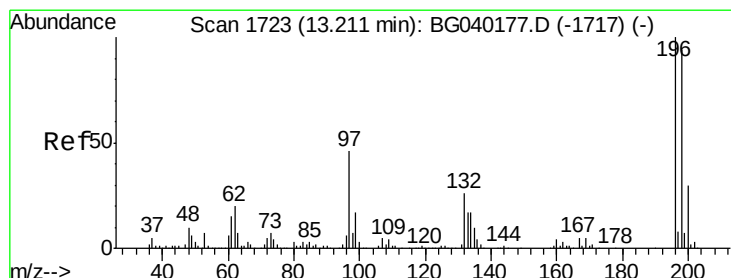
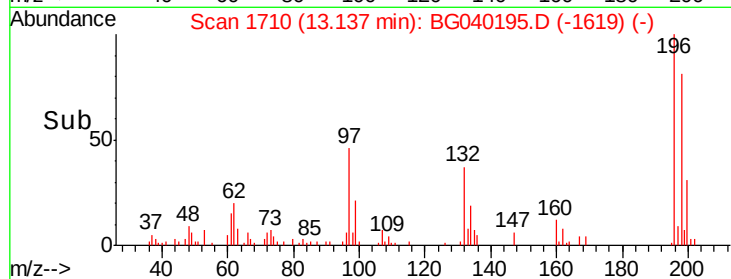
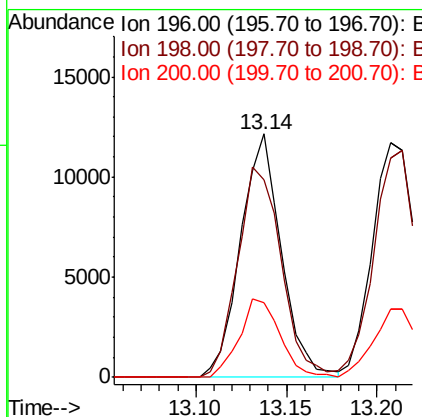
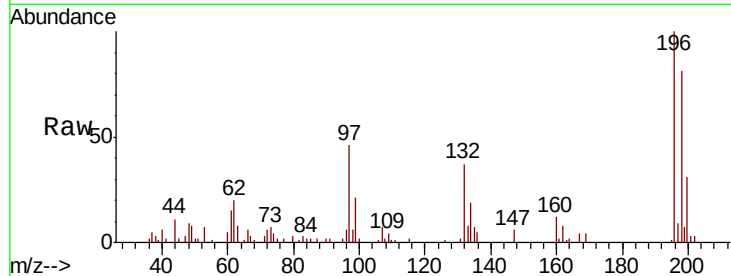
#43
 2,4,6-Trichlorophenol
 Concen: 6.951 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	19007		
198	81.0		78.3	117.5
200	30.5		26.0	39.0

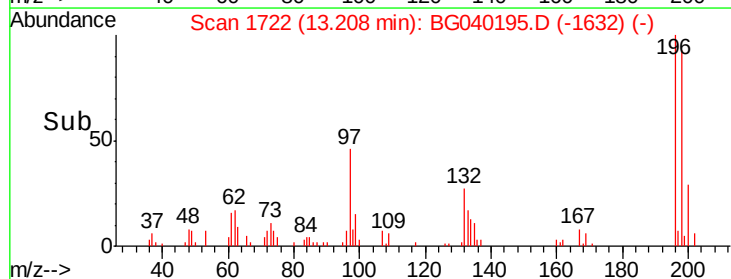
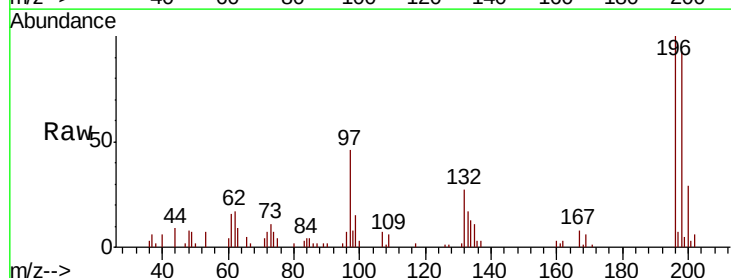
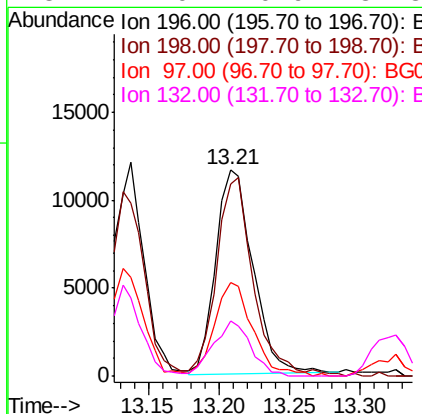
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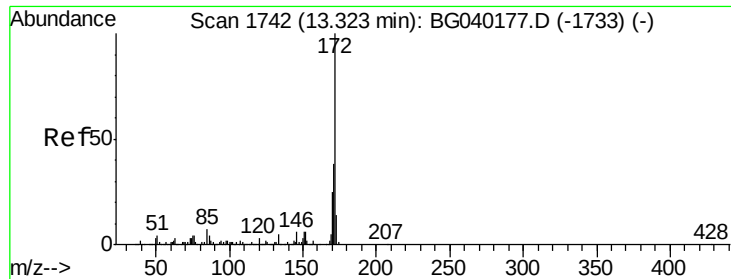
Sohil
 3/29/2019 4:45:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 7.118 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	21213		
198	93.3		75.0	112.6
97	45.6		37.3	55.9
132	27.0		20.9	31.3





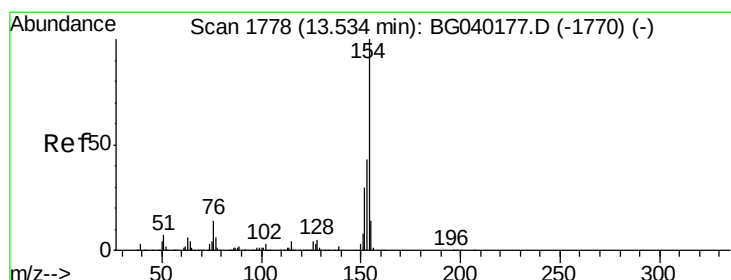
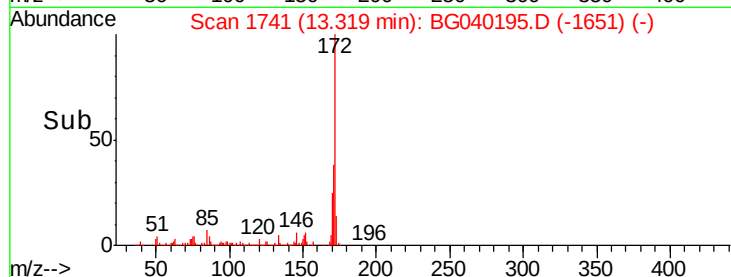
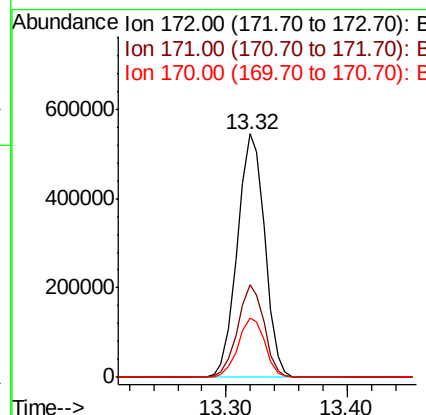
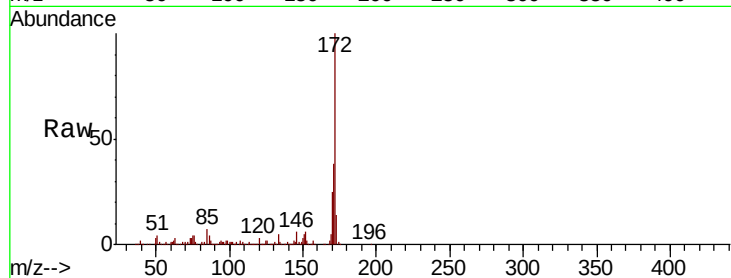
#45
2-Fluorobiphenyl
Concen: 95.497 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	24.6	20.1	30.1

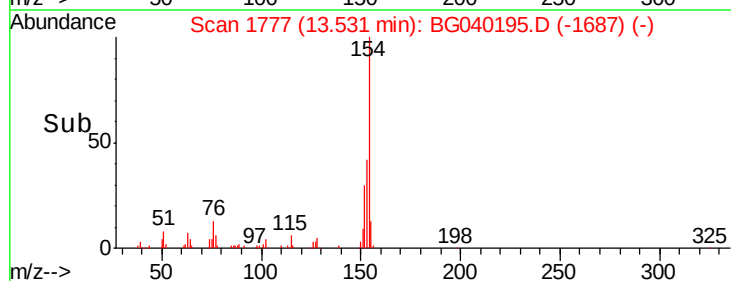
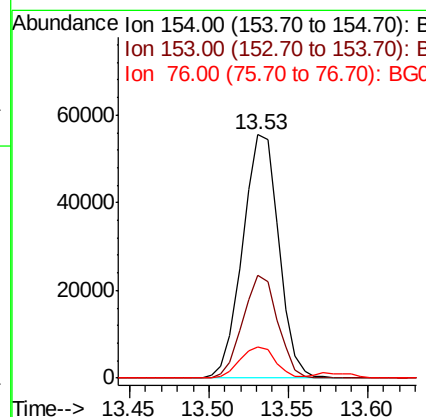
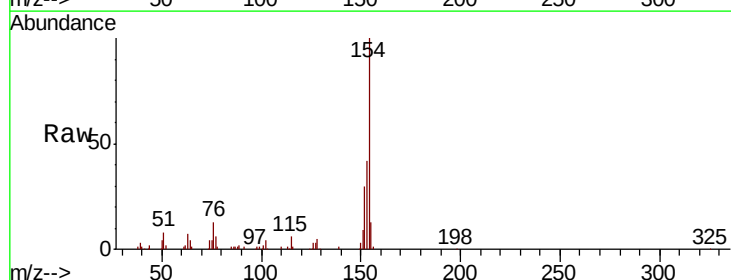
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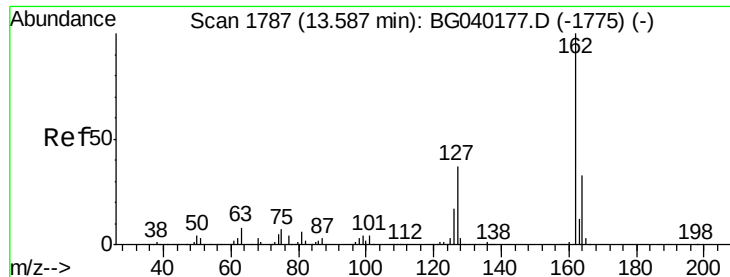
Sohil
3/29/2019 4:45:20 PM



#46
1,1'-Biphenyl
Concen: 8.338 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.5	62.5
76	12.9	0.0	33.7





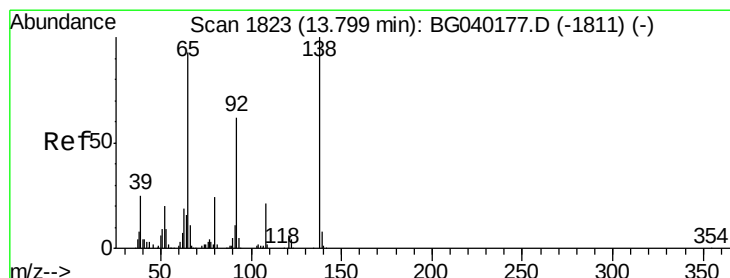
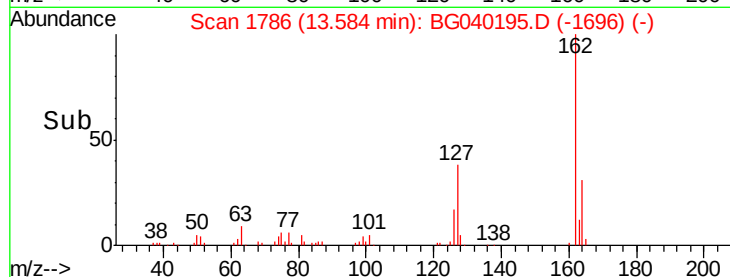
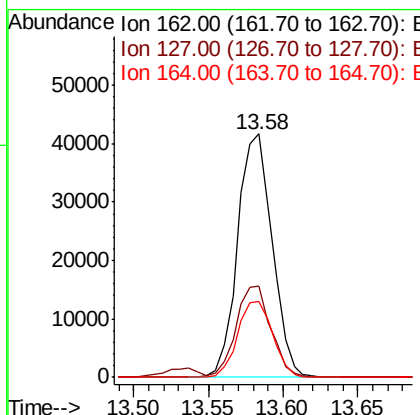
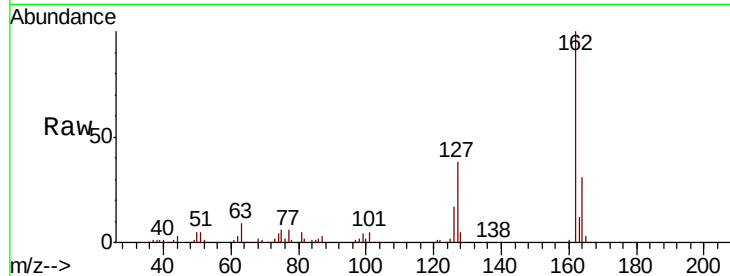
#47
2-Chloronaphthalene
Concen: 8.263 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.6	45.8
164	31.2	26.2	39.4

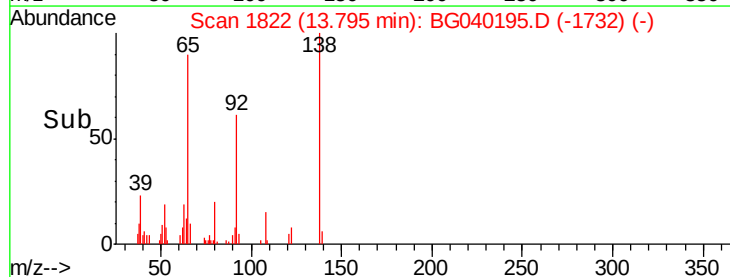
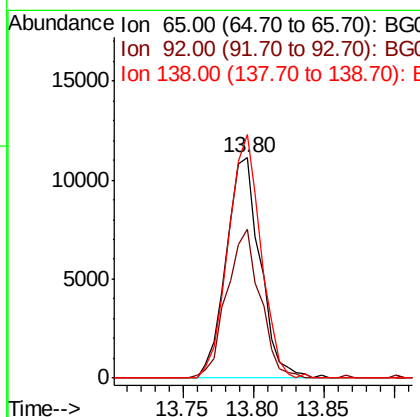
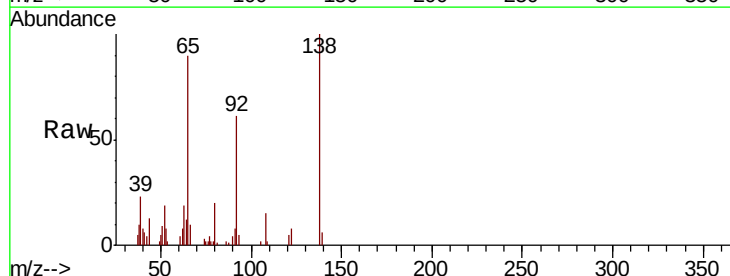
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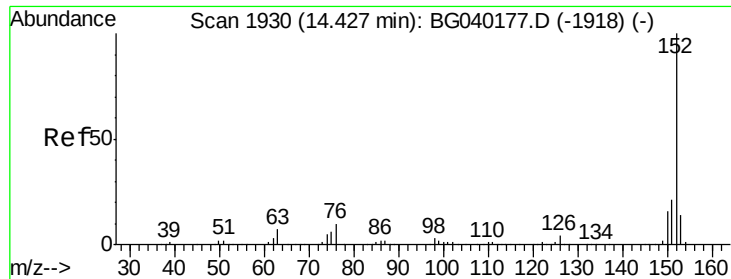
Sohil
3/29/2019 4:45:20 PM



#48
2-Nitroaniline
Concen: 6.841 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.8	80.6
138	110.6	86.3	129.5





#49

Acenaphthylene

Concen: 8.294 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

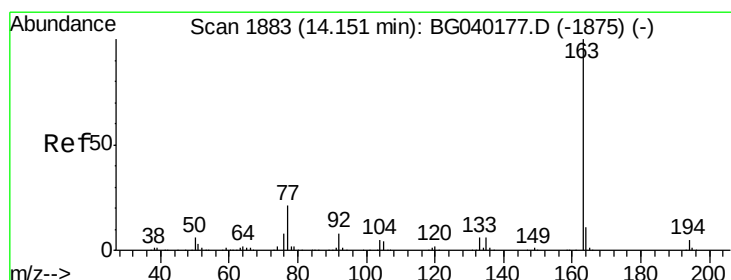
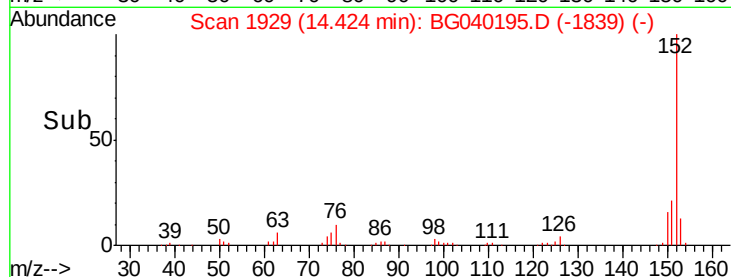
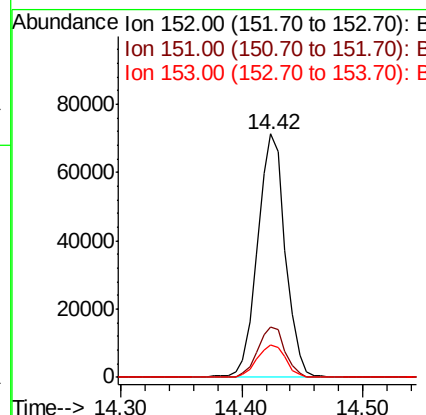
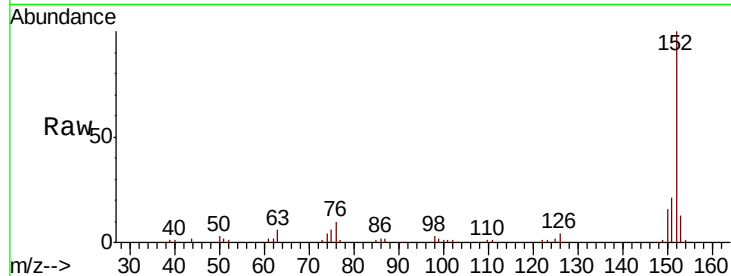
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	152	Resp:	113721
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.0	25.6
153	13.1	10.8	16.2

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#50

Dimethylphthalate

Concen: 8.253 ng

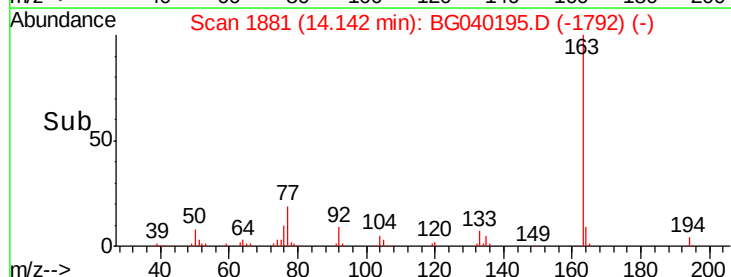
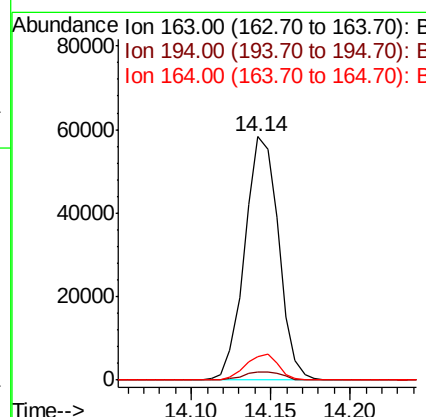
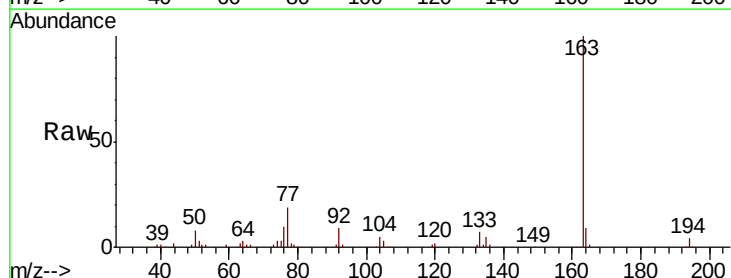
RT: 14.14 min Scan# 1881

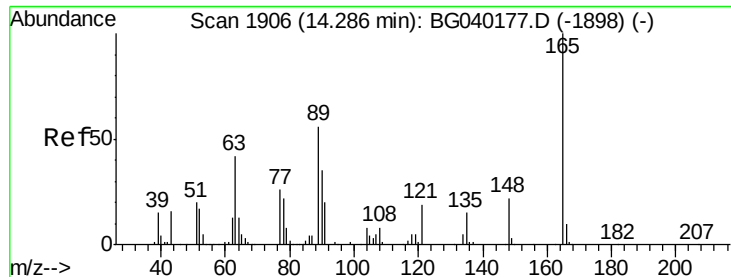
Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	163	Resp:	86191
Ion Ratio	Lower	Upper	
163	100		
194	3.5	4.1	6.1#
164	9.5	8.6	13.0





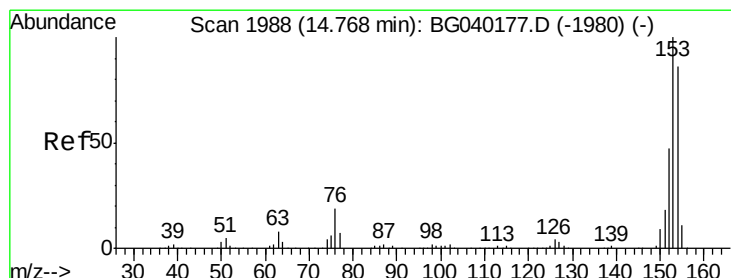
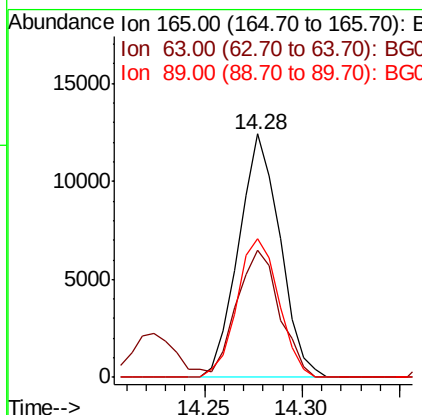
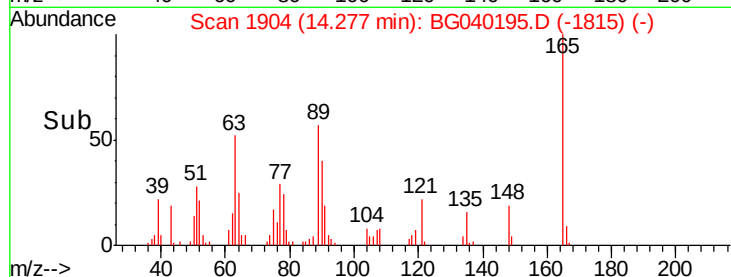
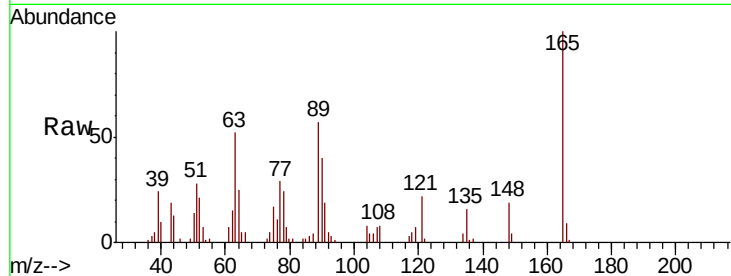
#51
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	18229		
63	52.0		44.1	66.1
89	57.1		44.9	67.3

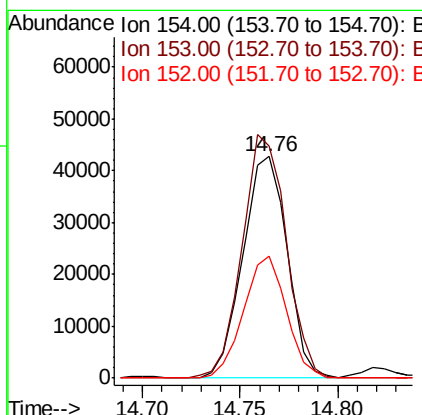
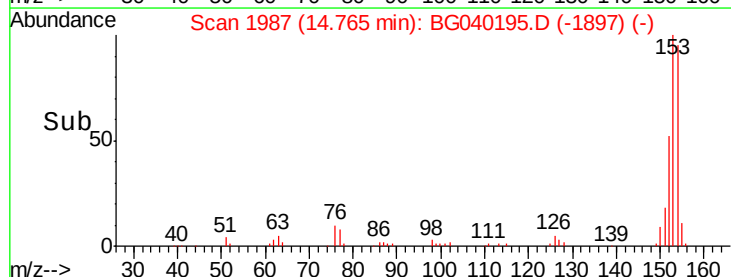
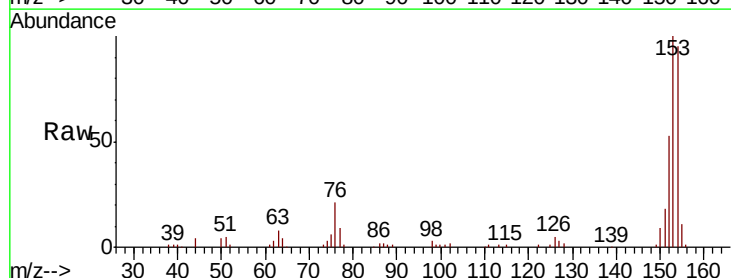
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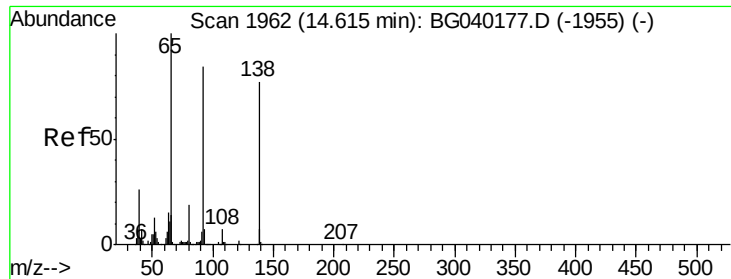
Sohil
3/29/2019 4:45:20 PM



#52
Acenaphthene
Concen: 8.578 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	67396		
153	104.9		92.8	139.2
152	55.3		43.4	65.2





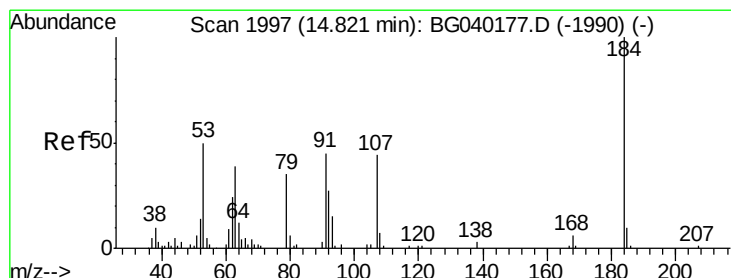
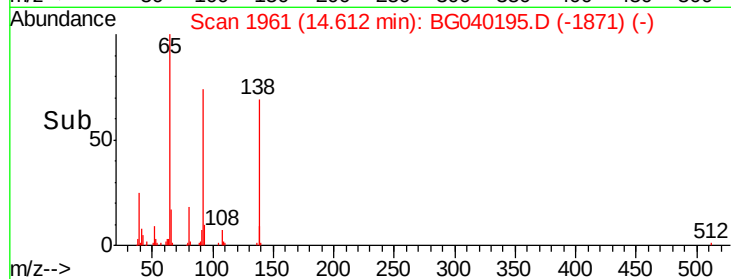
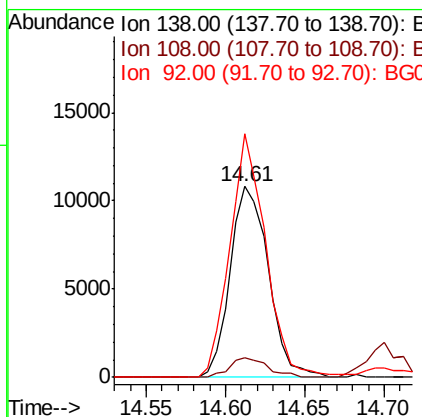
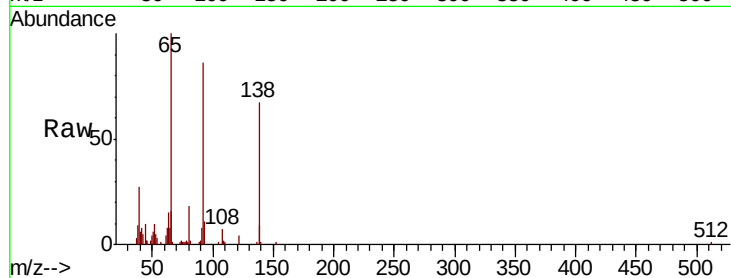
#53
 3-Nitroaniline
 Concen: 7.289 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	127.4	87.5	131.3

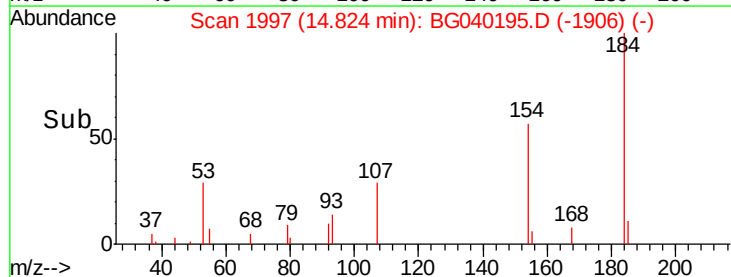
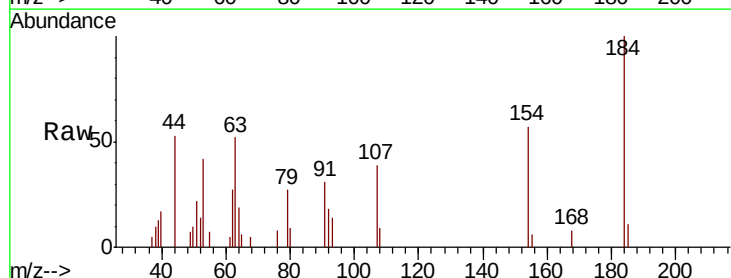
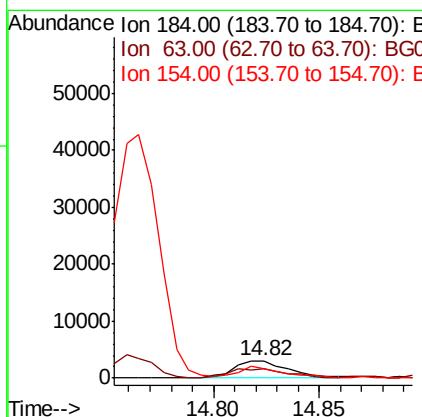
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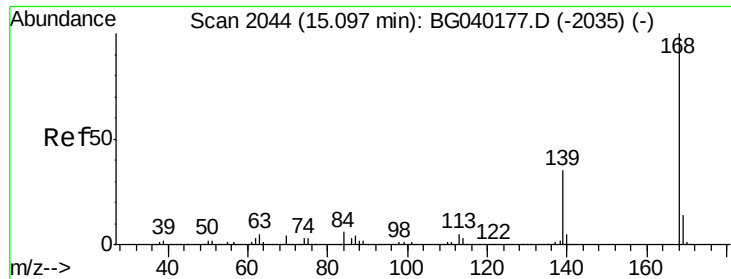
Sohil
 3/29/2019 4:45:20 PM



#54
 2,4-Dinitrophenol
 Concen: 4.345 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	51.8	77.8
154	56.6	50.9	76.3





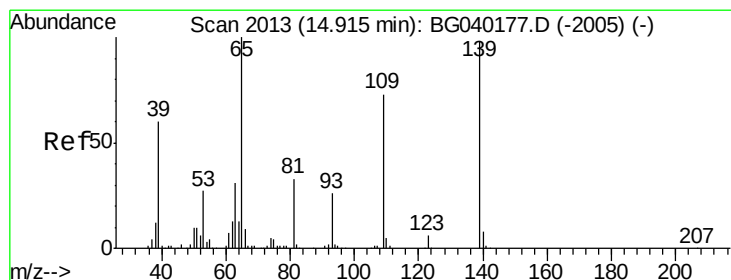
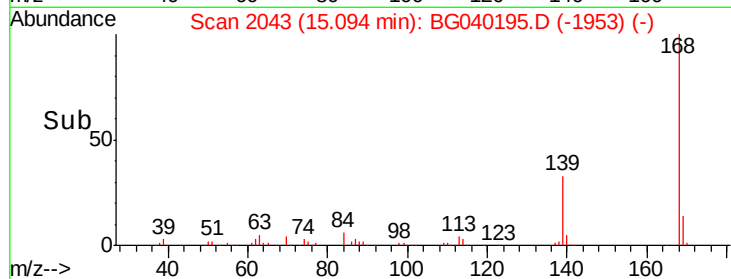
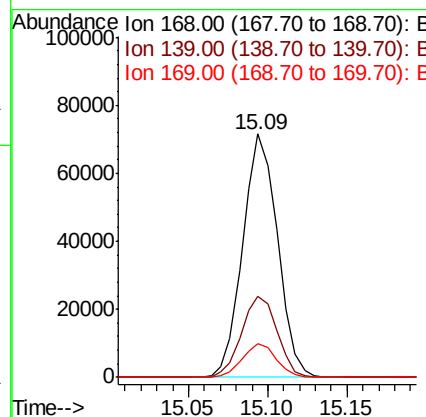
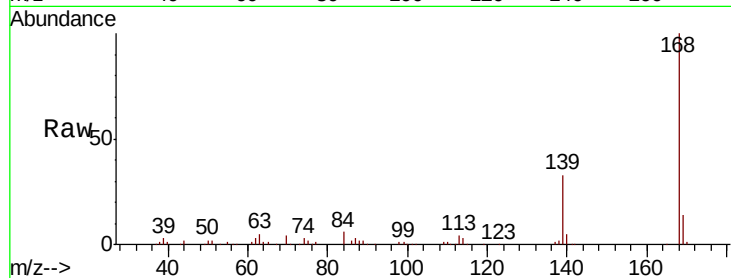
#55
Dibenzenofuran
Concen: 8.616 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.2	27.9	41.9
169	14.1	11.3	16.9

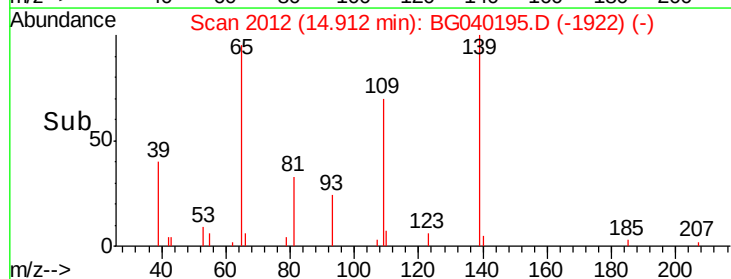
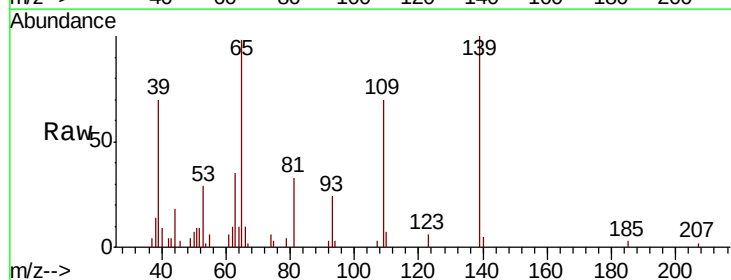
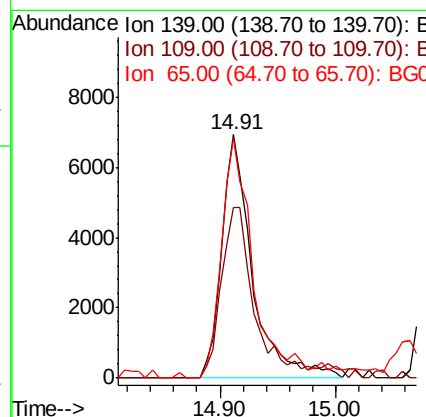
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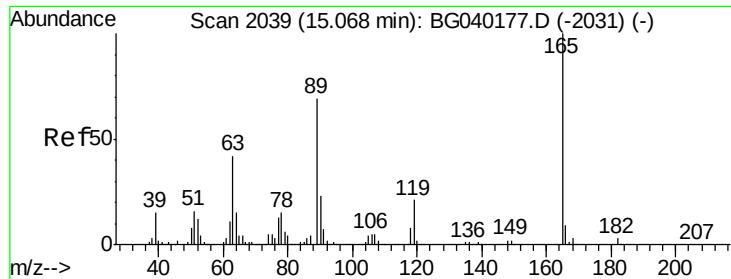
Sohil
3/29/2019 4:45:20 PM



#56
4-Nitrophenol
Concen: 6.377 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	54.3	94.3
65	98.5	82.5	122.5





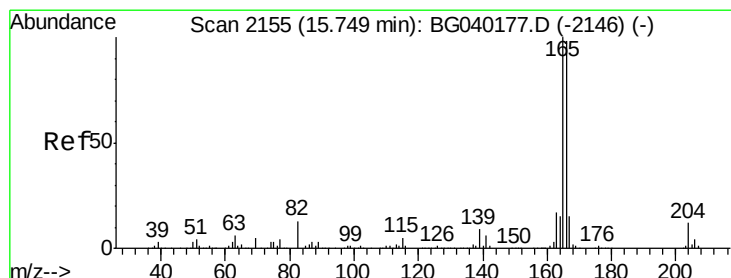
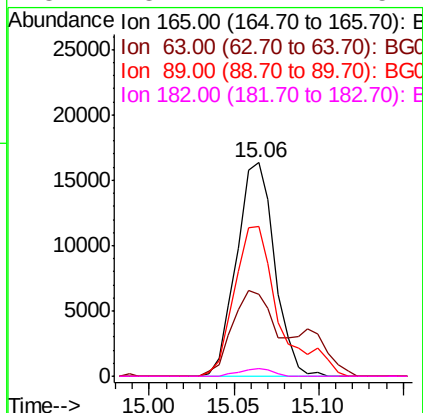
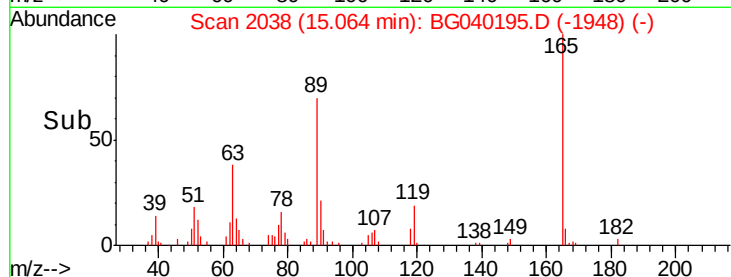
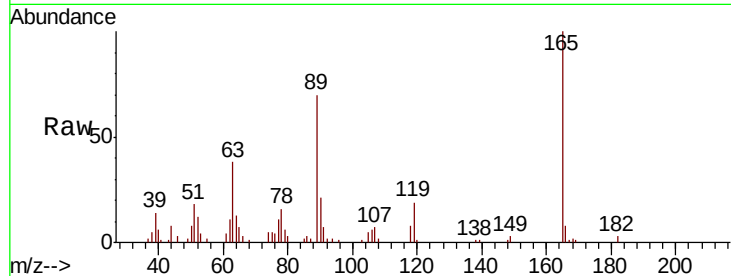
#57
2,4-Dinitrotoluene
Concen: 7.859 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	33.8	50.6
89	70.4	55.4	83.2
182	3.4	2.2	3.4#

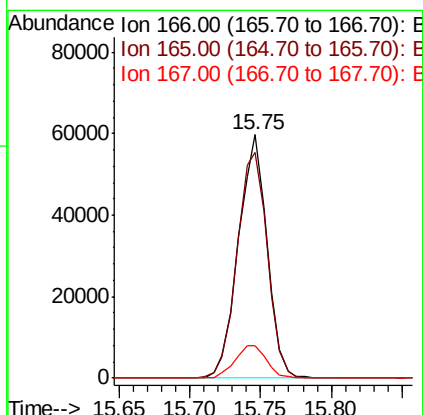
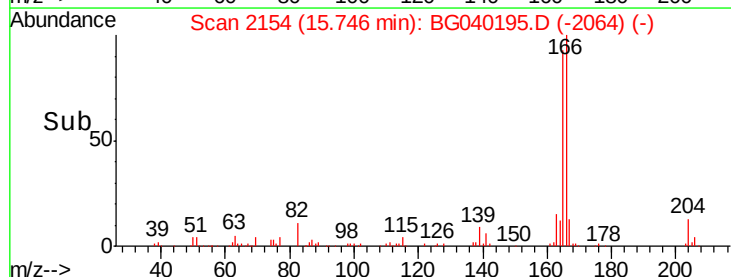
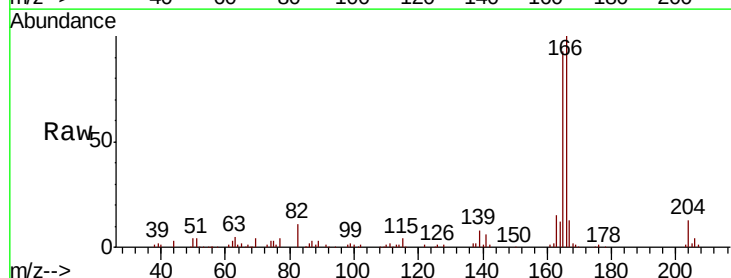
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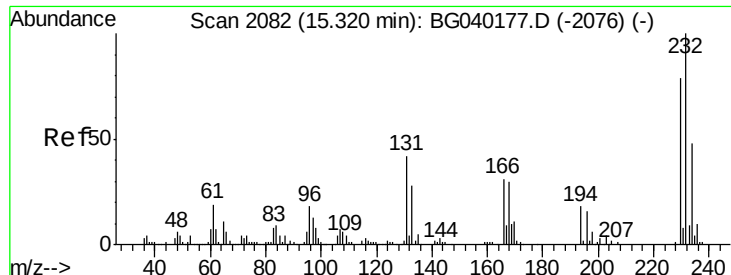
Sohil
3/29/2019 4:45:20 PM



#58
Fluorene
Concen: 8.495 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.8	81.7	122.5
167	13.2	11.9	17.9





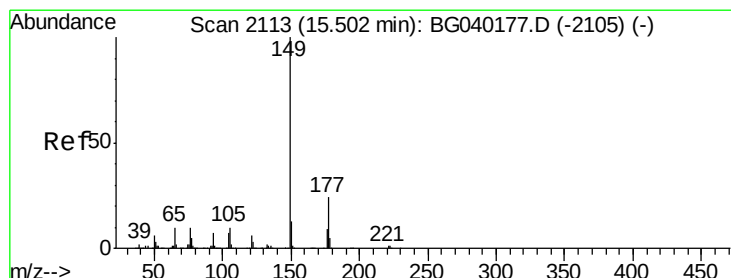
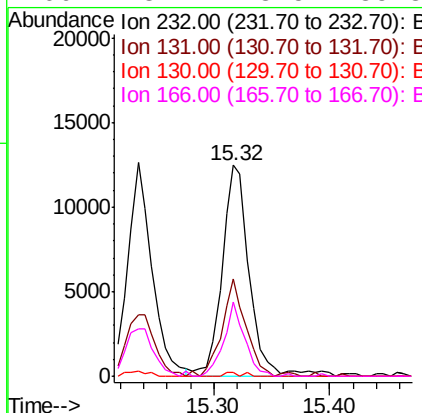
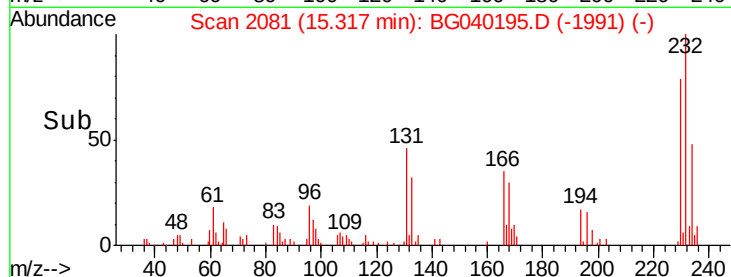
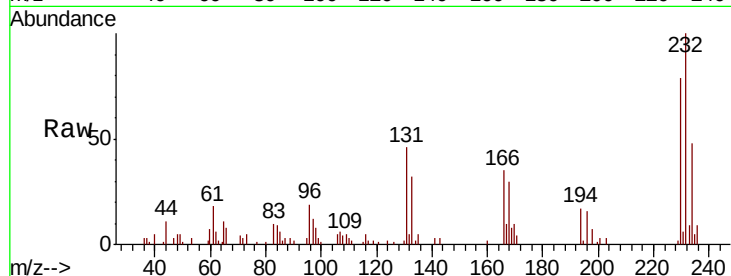
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.590 ng m
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	30.9	32.9	49.3#
130	2.0	1.8	2.8
166	23.2	23.5	35.3#

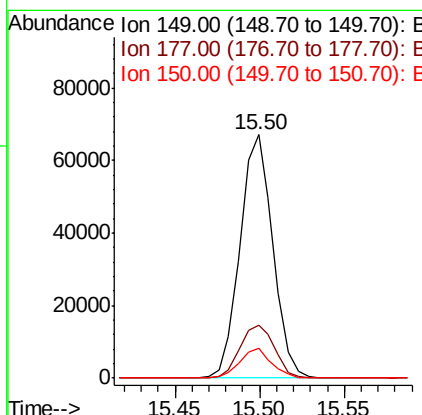
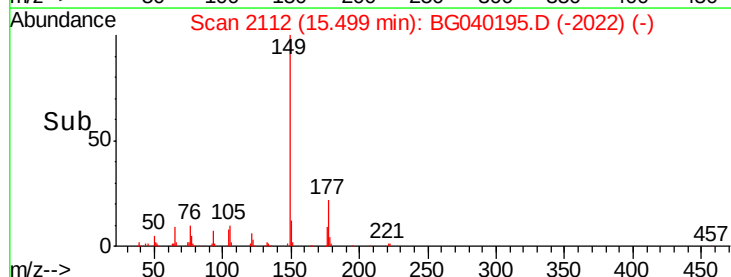
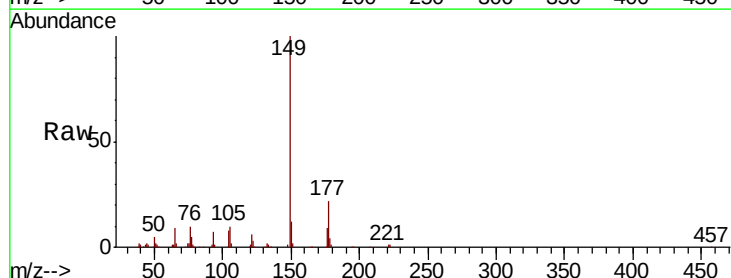
Manual Integrations
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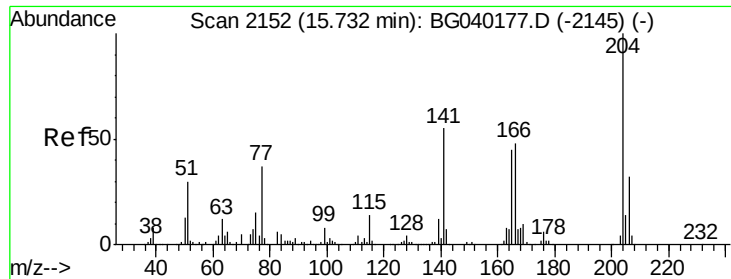
Sohil
 3/29/2019 4:45:20 PM



#60
 Diethylphthalate
 Concen: 8.459 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	19.1	28.7
150	12.4	10.6	15.8





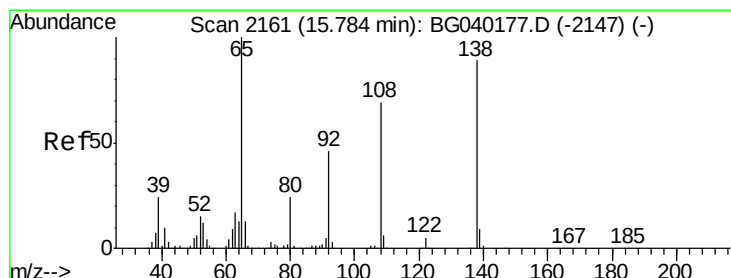
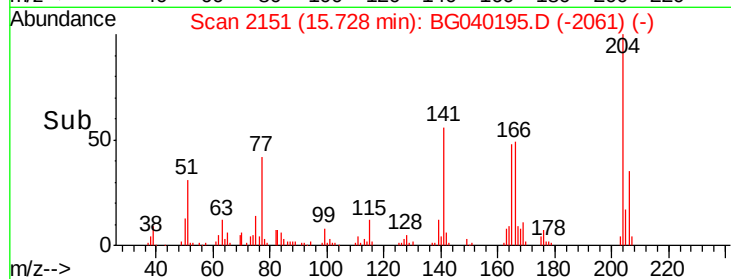
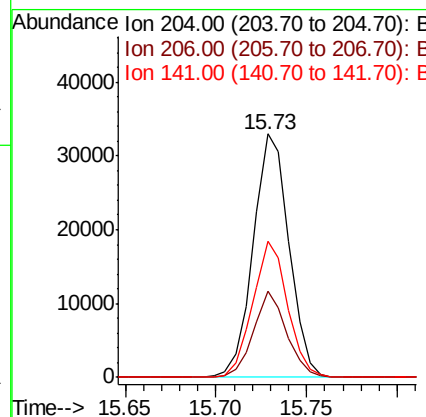
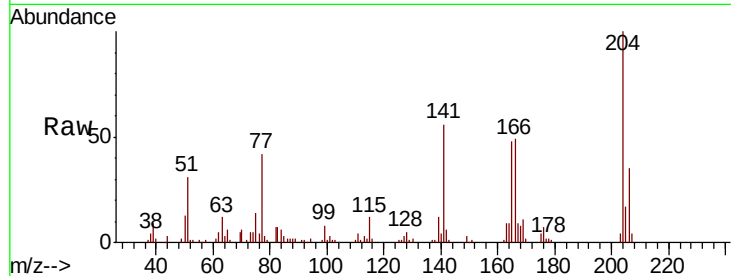
#61
 4-Chlorophenyl-phenylether
 Concen: 8.495 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	25.7	38.5
141	55.8	44.0	66.0

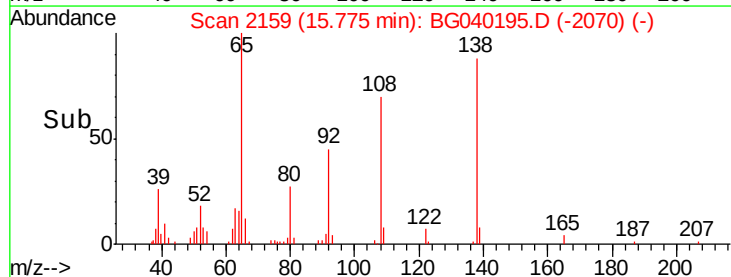
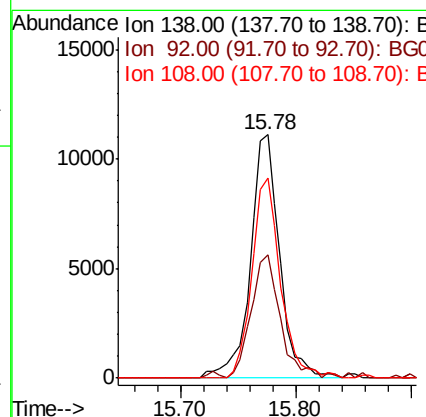
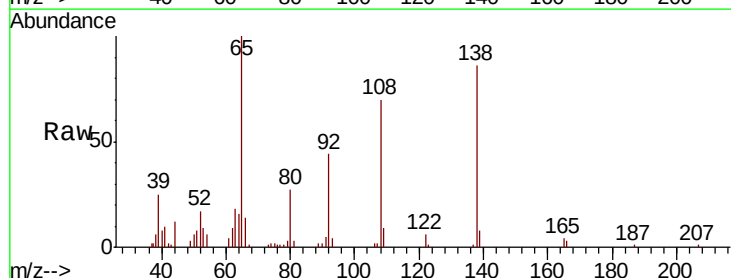
Manual Integrations
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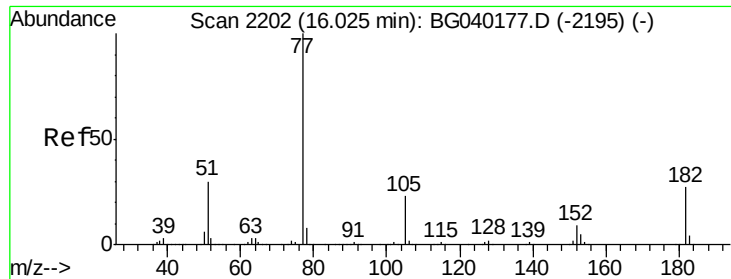
Sohil
 3/29/2019 4:45:20 PM



#62
 4-Nitroaniline
 Concen: 7.350 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.8	71.8
108	82.0	57.2	97.2





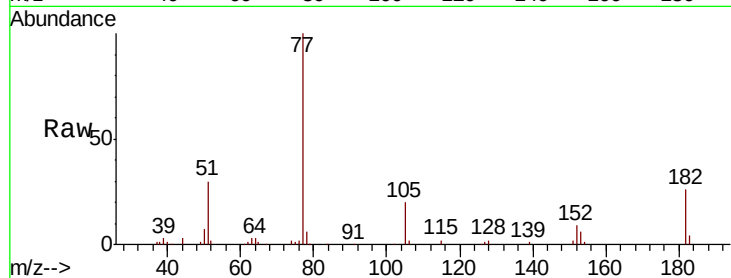
#63
Azobenzene
Concen: 8.244 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

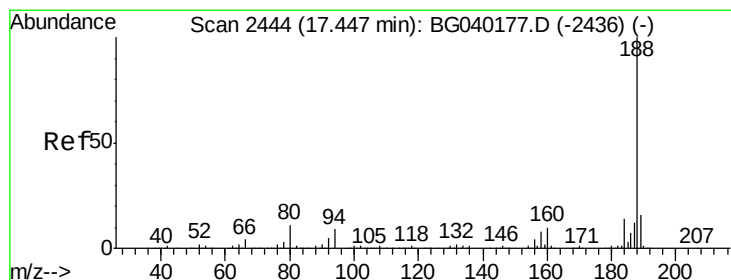
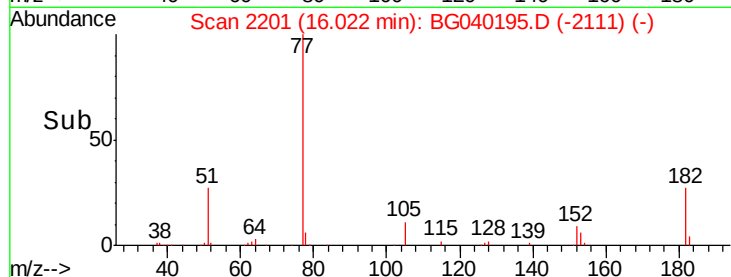
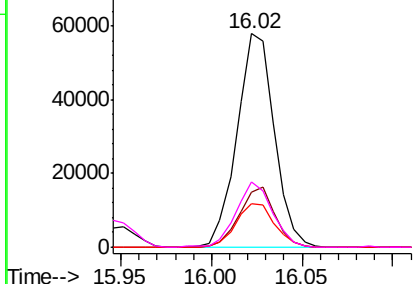
Tot Ion:	77	Resp:	83098
Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.2	47.2
105	20.2	2.8	42.8
51	30.4	10.4	50.4

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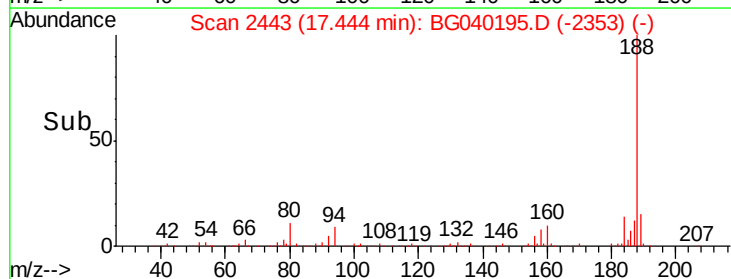
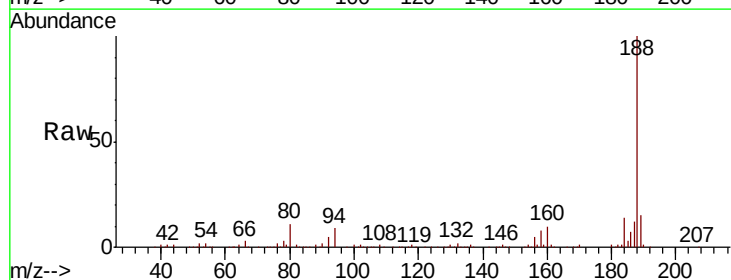
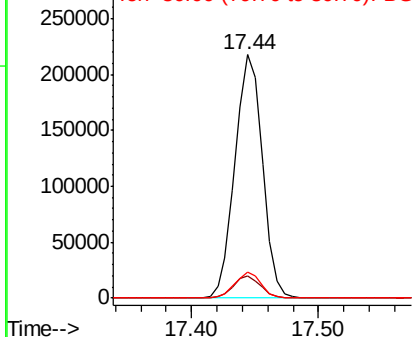
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

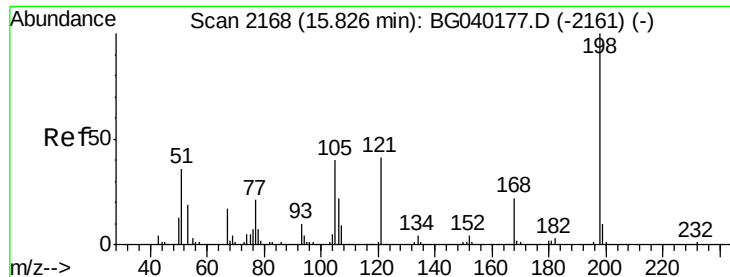


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion:	188	Resp:	325380
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.7	8.6	13.0

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





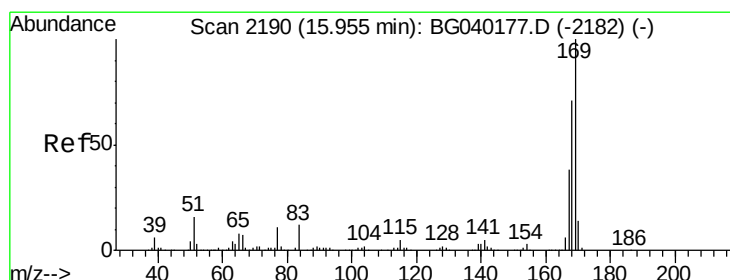
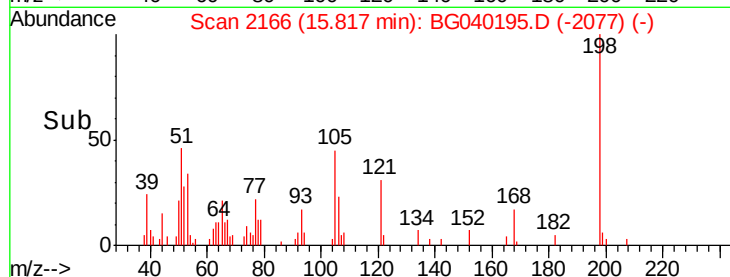
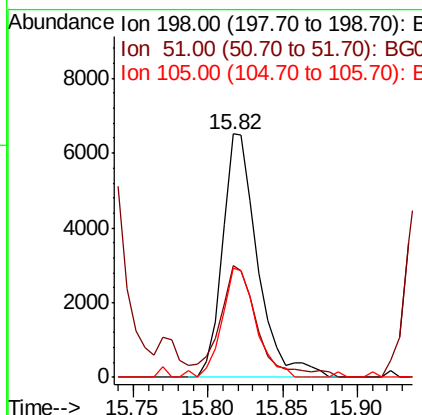
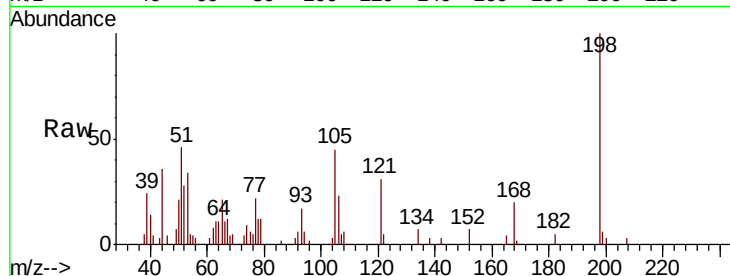
#65
4,6-Dinitro-2-methylphenol
Concen: 5.859 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.1	27.3	67.3
105	45.0	21.7	61.7

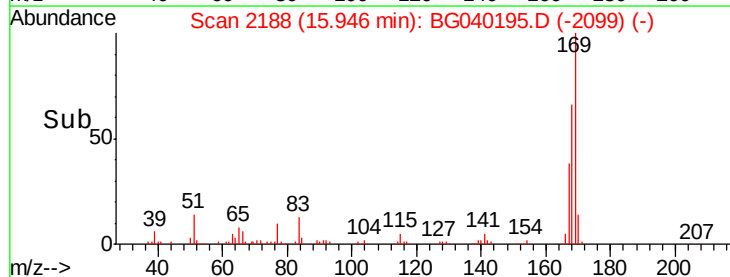
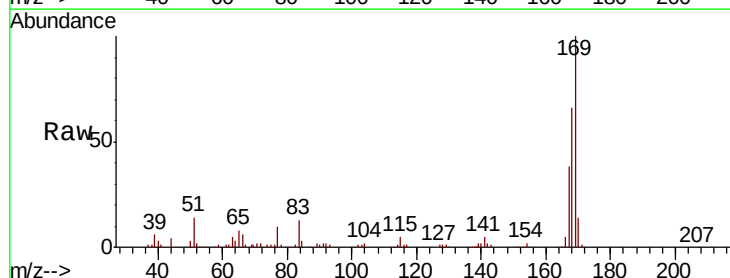
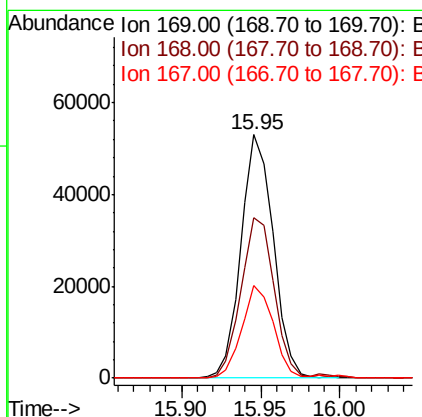
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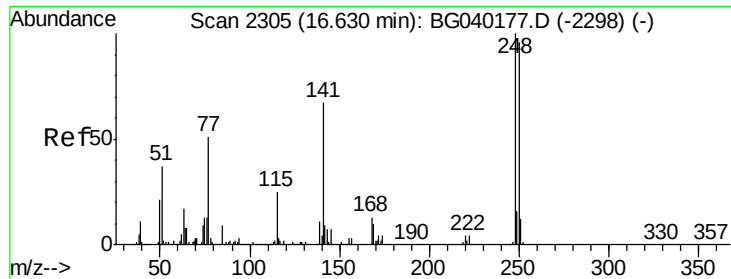
Sohil
3/29/2019 4:45:20 PM



#66
n-Nitrosodiphenylamine
Concen: 7.900 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	56.8	85.2
167	37.8	30.2	45.4





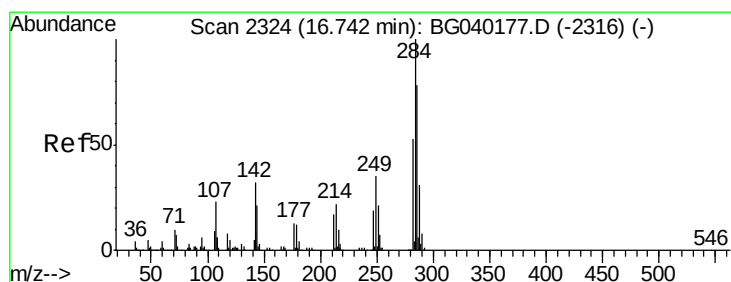
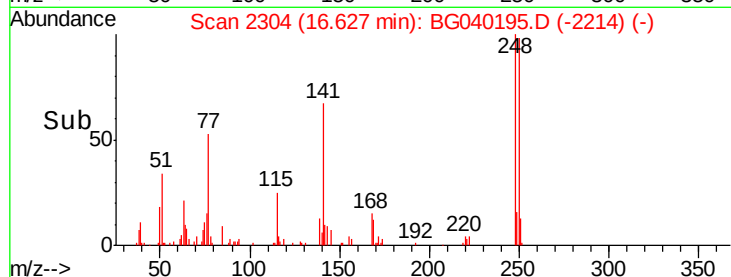
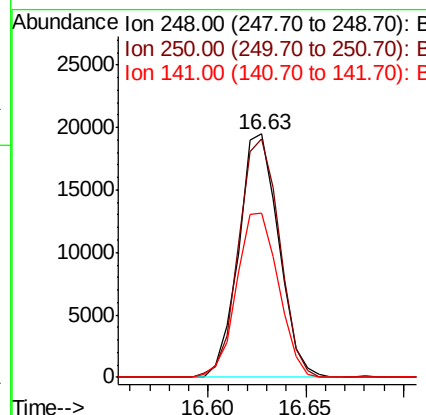
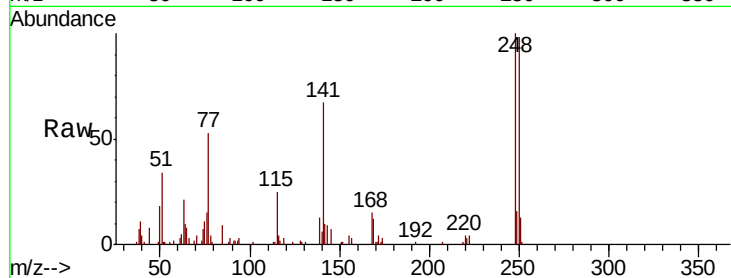
#67
4-Bromophenyl-phenylether
Concen: 7.565 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.4	114.6
141	67.5	53.8	80.8

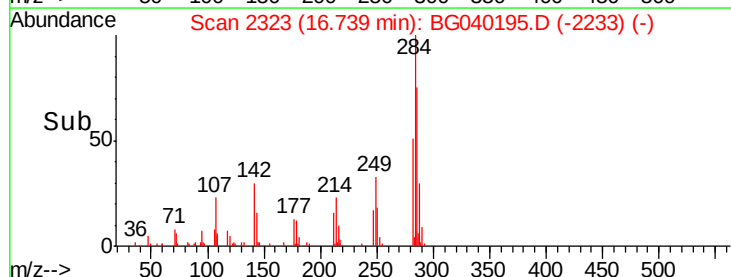
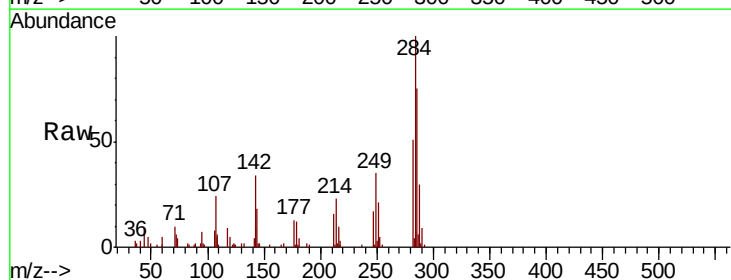
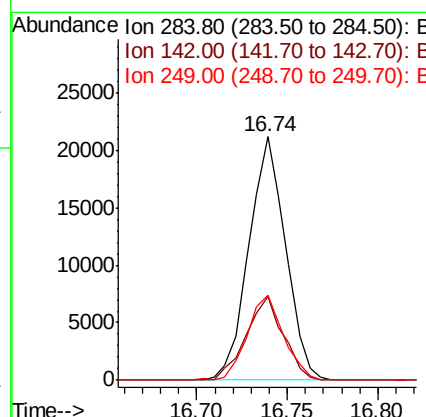
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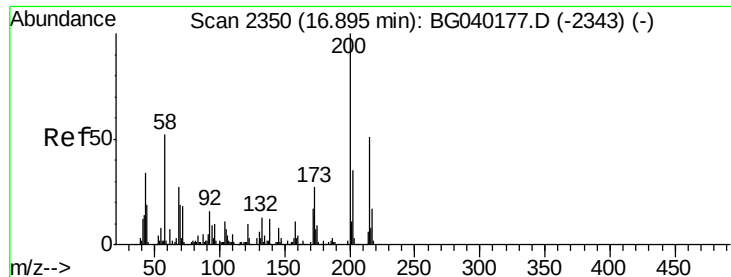
Sohil
3/29/2019 4:45:20 PM



#68
Hexachlorobenzene
Concen: 8.071 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.3	37.9
249	35.0	28.2	42.2





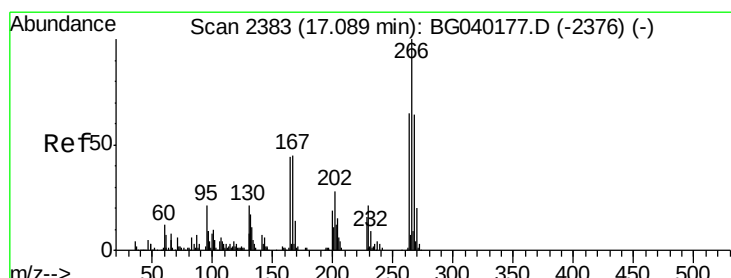
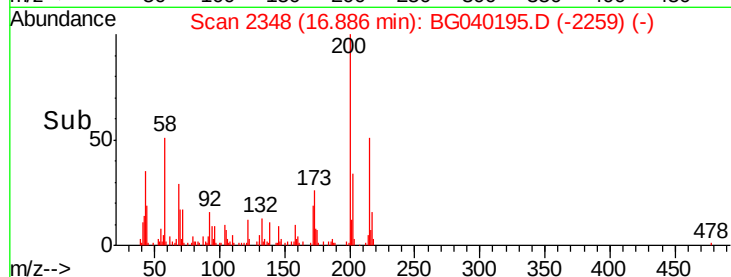
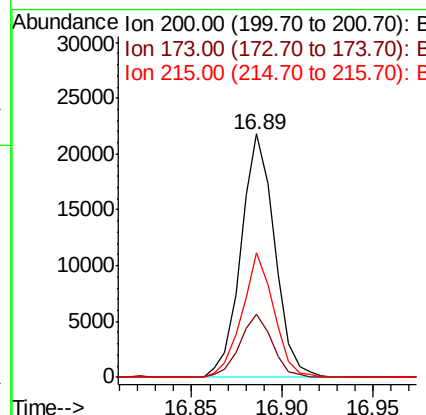
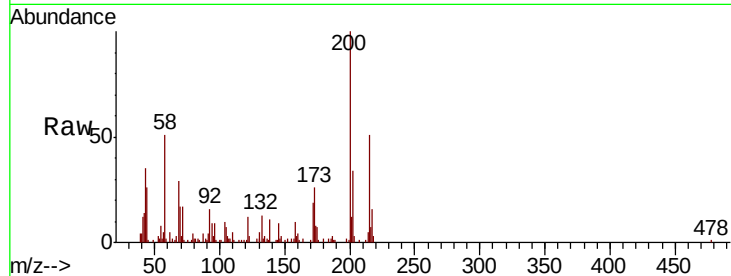
#69
Atrazine
Concen: 7.924 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.1	47.1
215	50.9	30.9	70.9

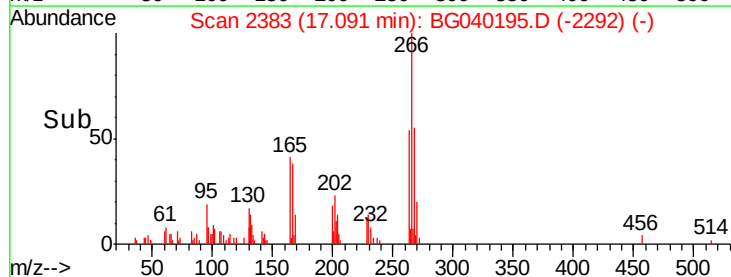
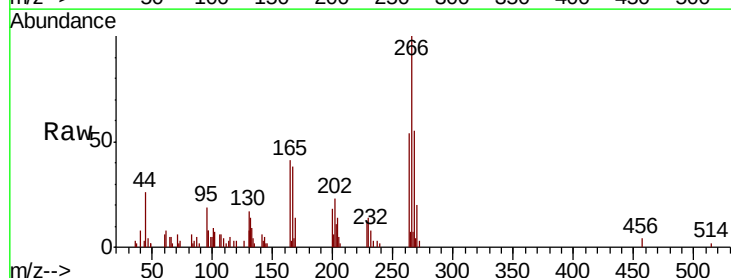
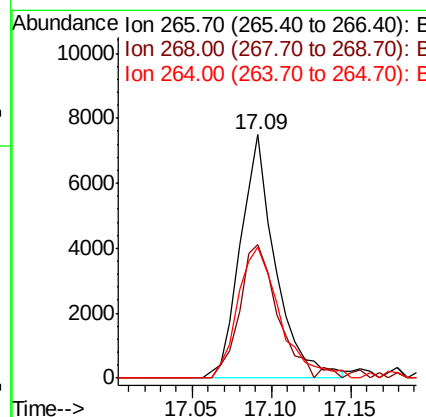
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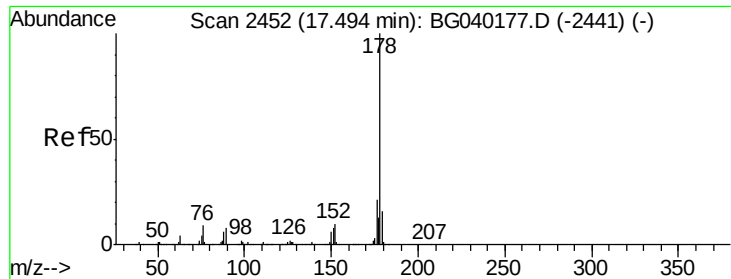
Sohil
3/29/2019 4:45:20 PM



#70
Pentachlorophenol
Concen: 5.378 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.3	55.0	82.4
264	60.9	51.8	77.8





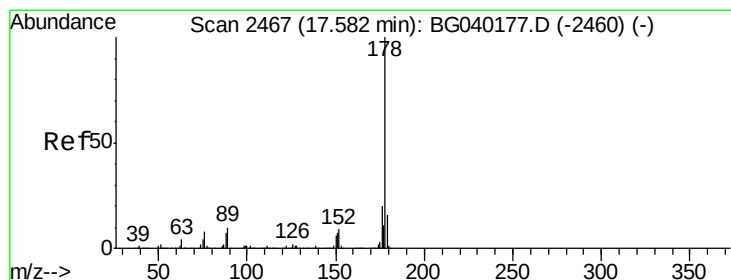
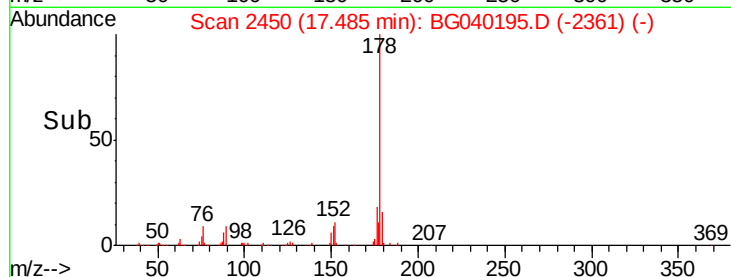
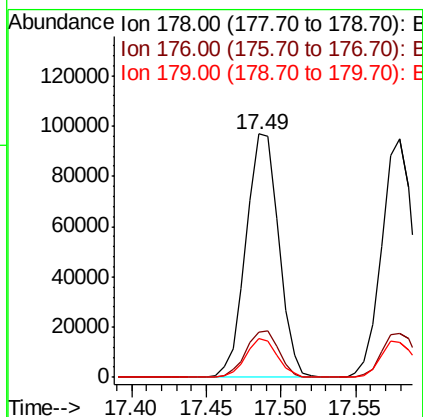
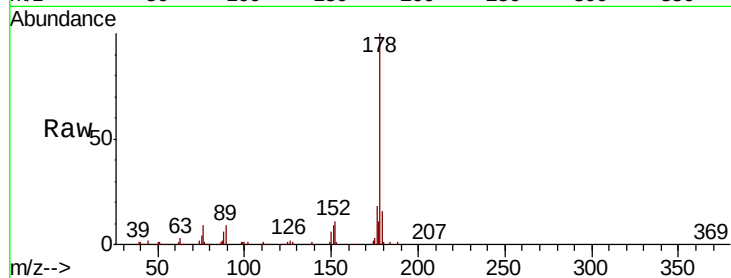
#71
Phenanthrene
Concen: 8.581 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.7	25.1
179	16.0	12.8	19.2

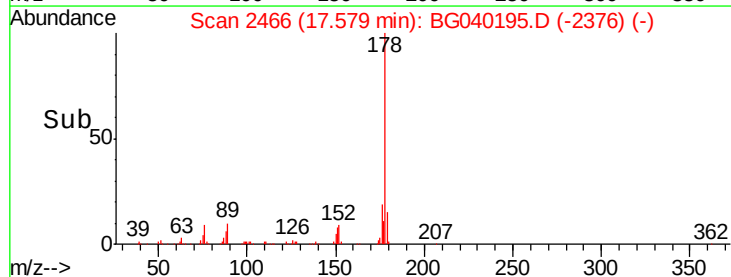
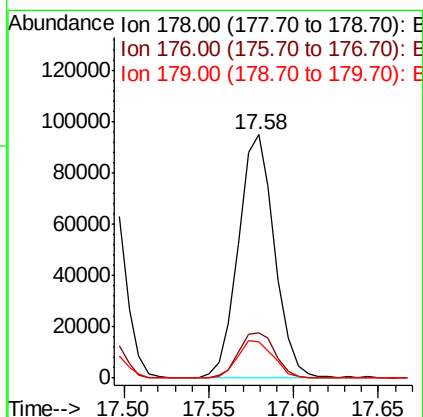
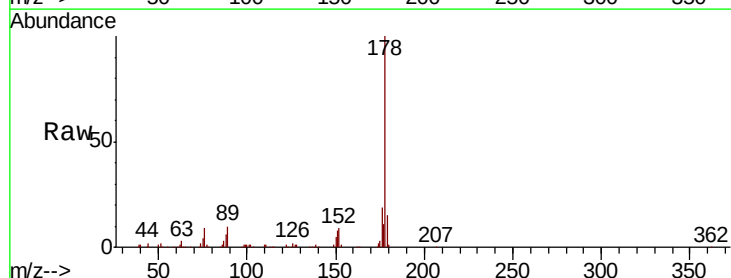
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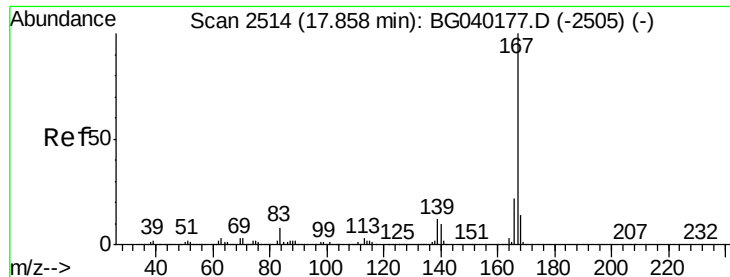
Sohil
3/29/2019 4:45:20 PM



#72
Anthracene
Concen: 8.283 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	14.8	12.9	19.3





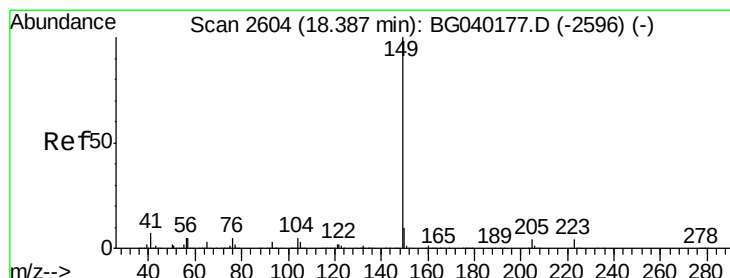
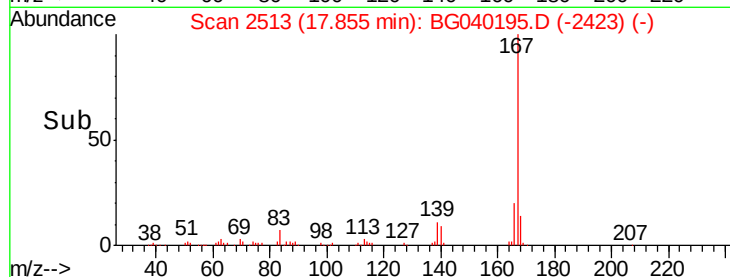
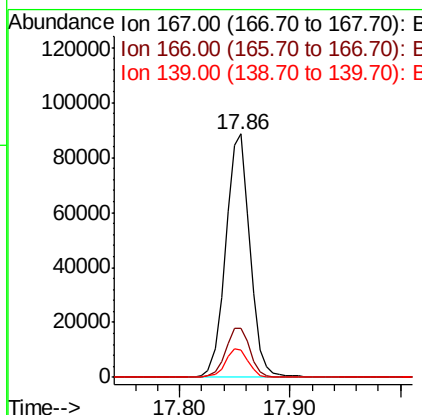
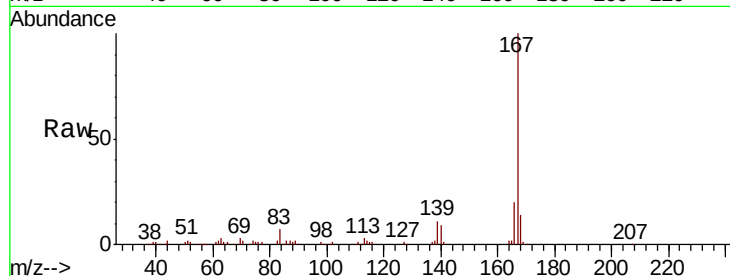
#73
 Carbazole
 Concen: 8.374 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.5	26.3
139	11.2	10.0	15.0

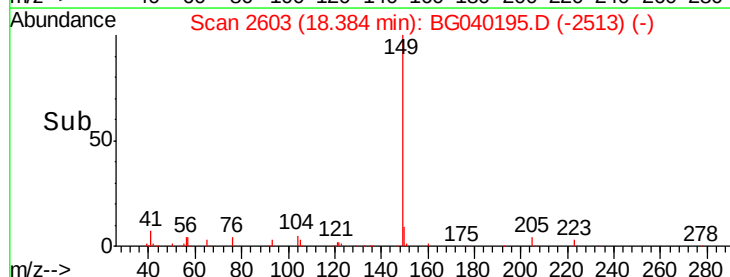
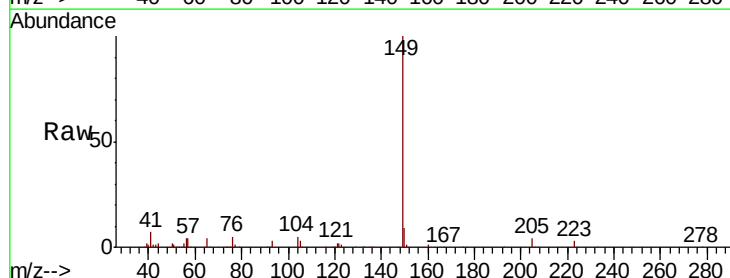
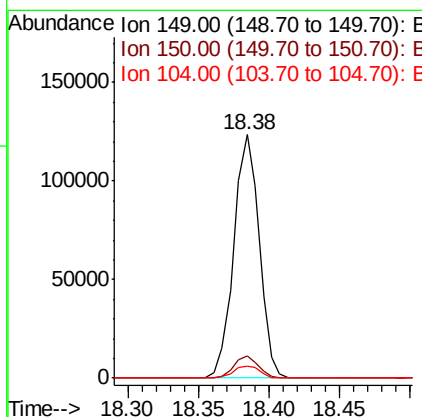
Manual Integrations
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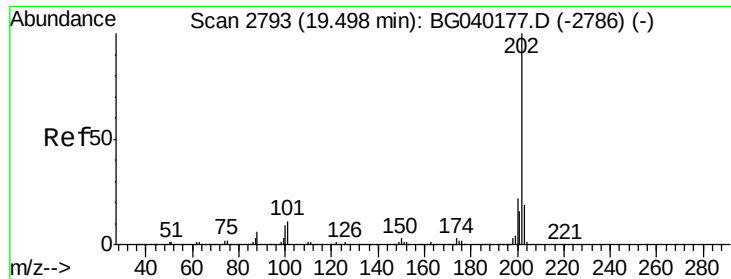
Sohil
 3/29/2019 4:45:20 PM



#74
 Di-n-butylphthalate
 Concen: 8.056 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 8.918 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

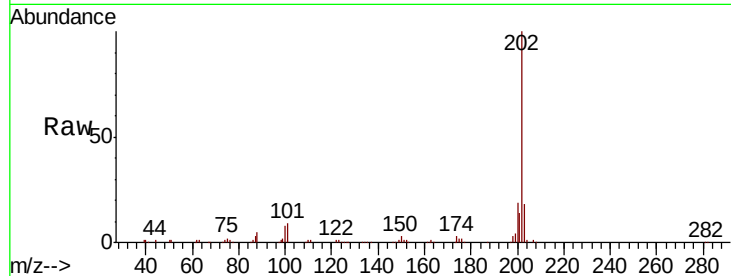
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

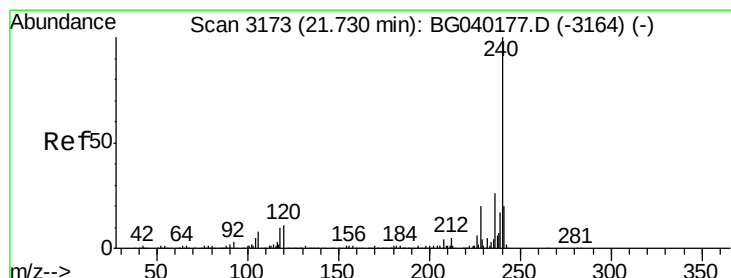
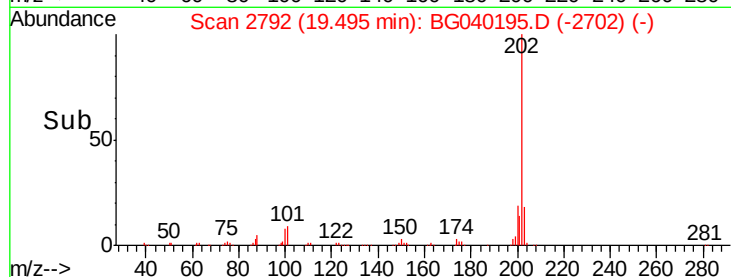
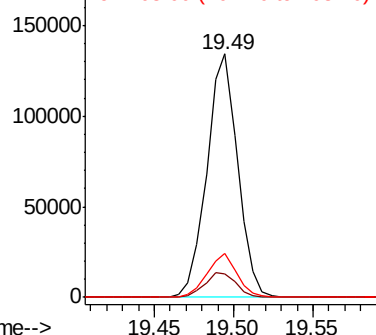
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.5	0.0	30.8		
203	18.2	0.0	38.9		

Manual Integrations
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3/29/2019 4:45:20 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

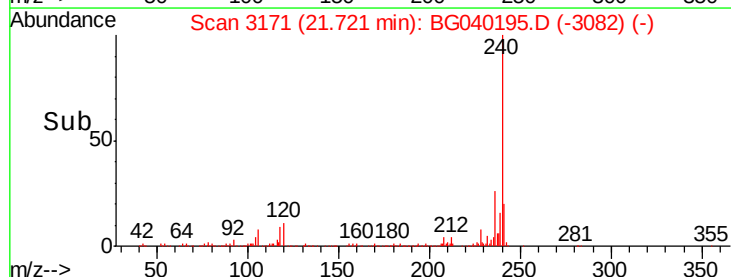
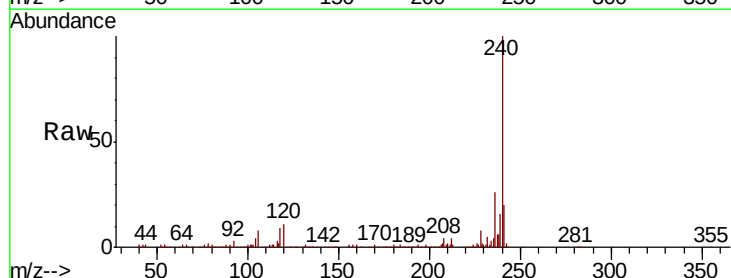
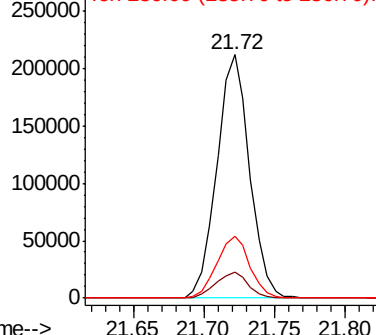
Delta R.T. -0.01 min

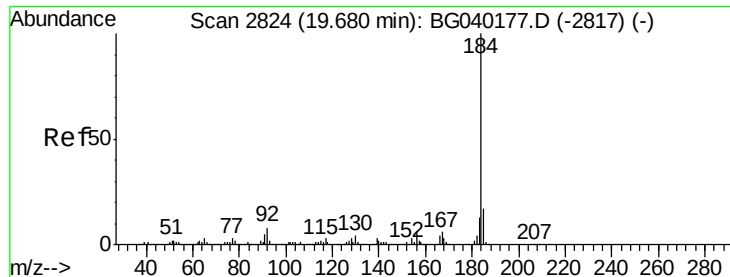
Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.9	8.4	12.6		
236	25.5	20.8	31.2		

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.943 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

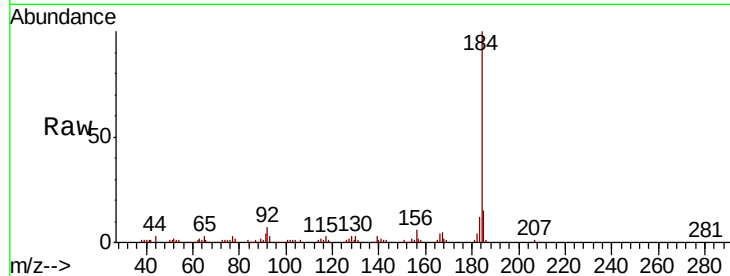
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	184	Resp:	86182
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.3	19.9
183	11.7	10.3	15.5

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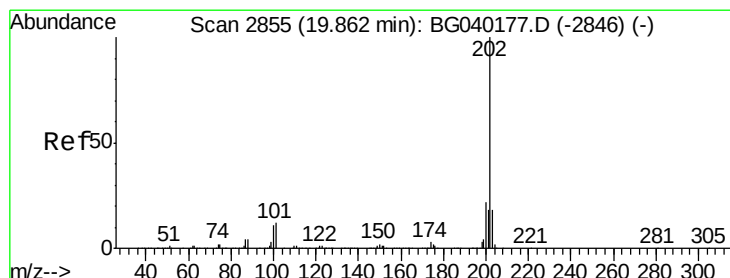
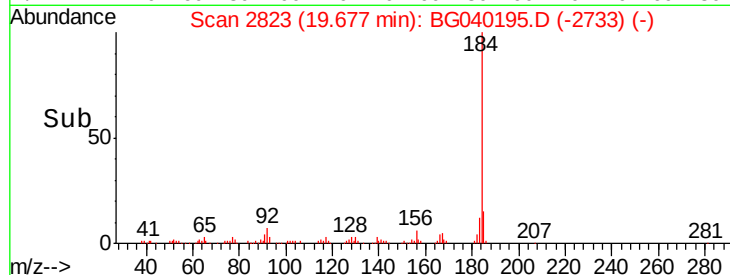
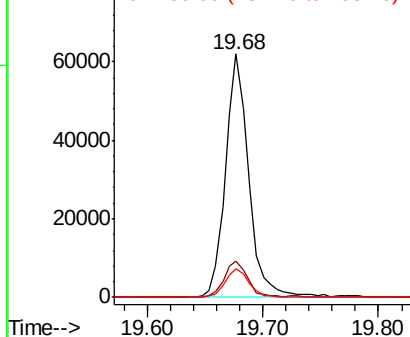


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.296 ng

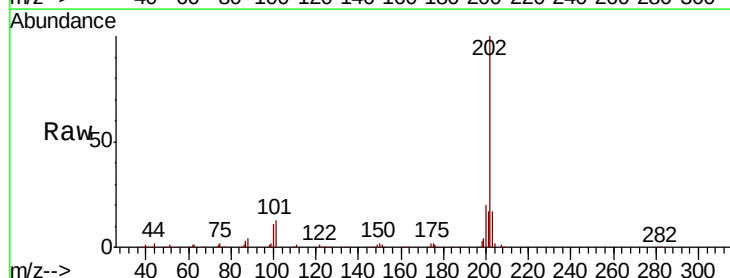
RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion:	202	Resp:	187530
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.3	25.9
203	16.9	14.6	22.0

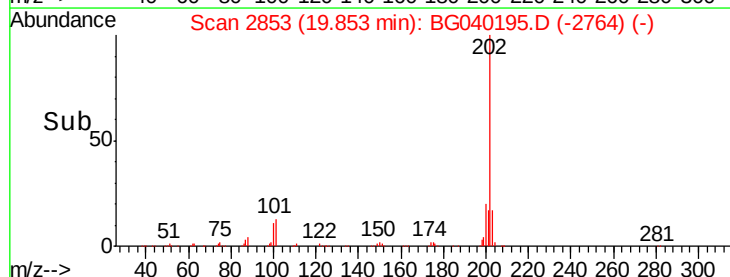
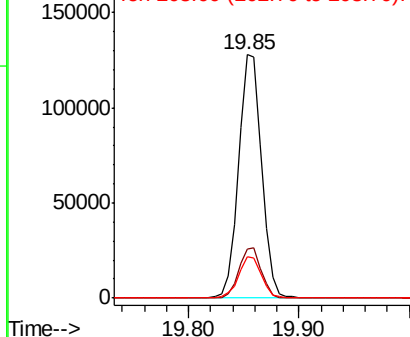


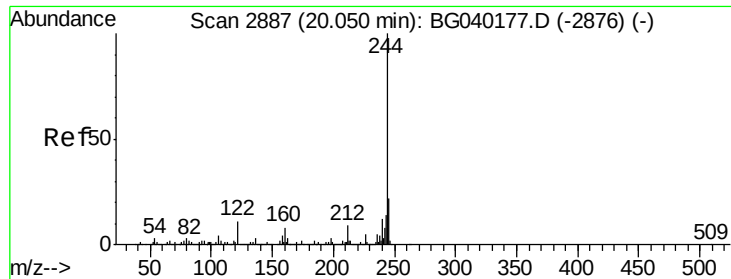
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





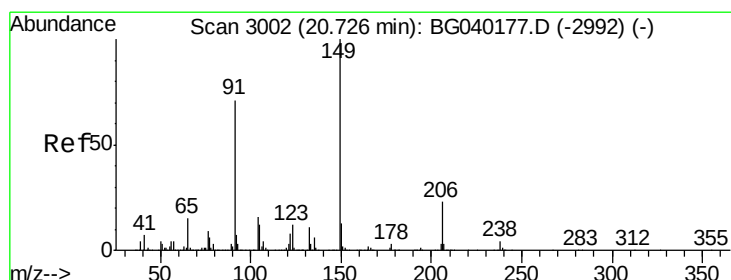
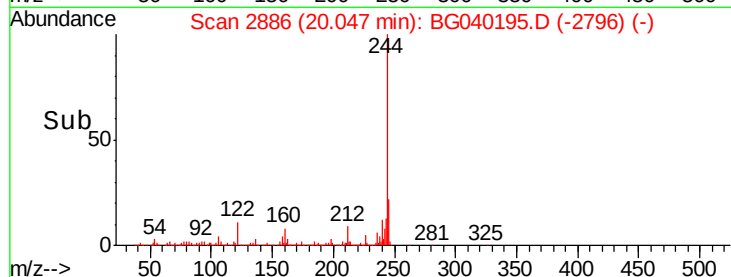
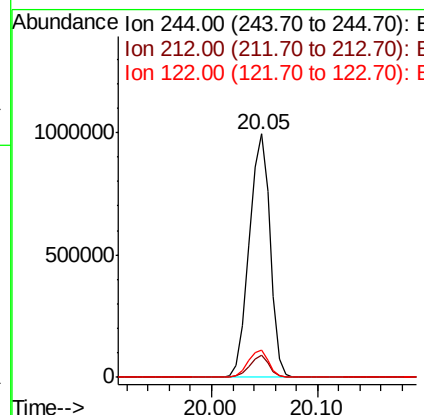
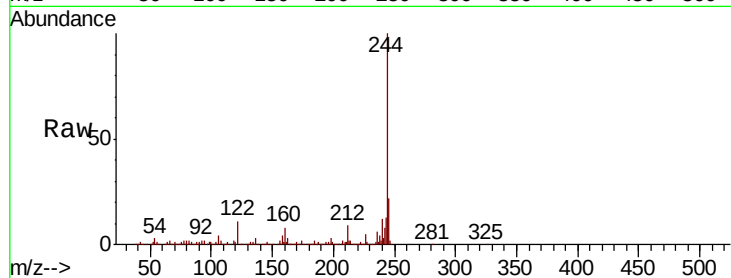
#79
 Terphenyl-d14
 Concen: 88.954 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.3	8.5	12.7

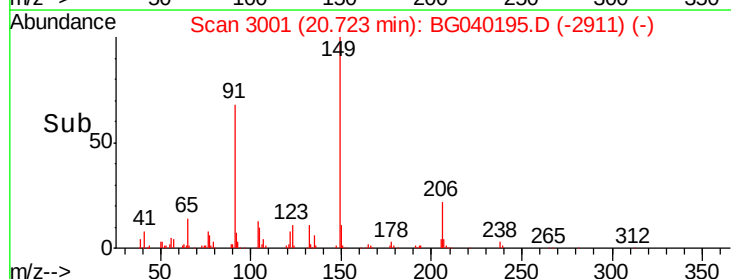
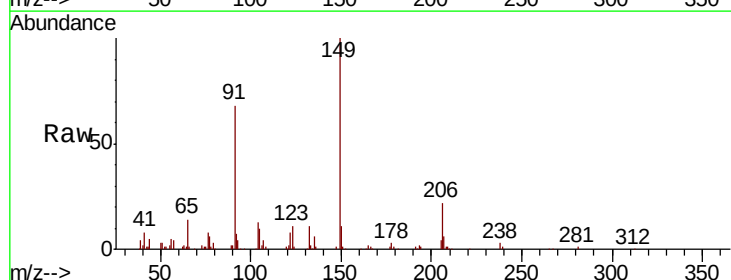
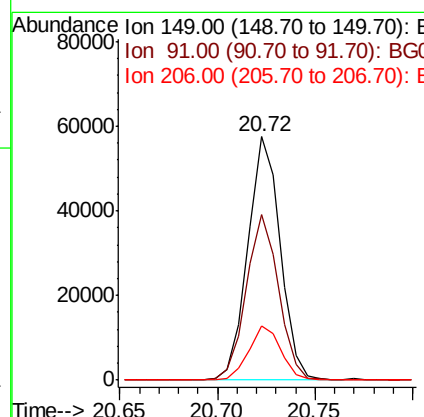
Manual Integrations
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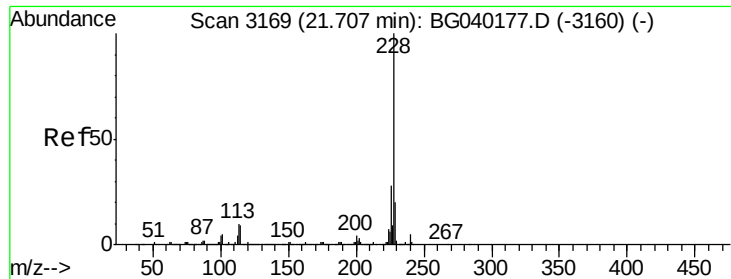
Sohil
 3/29/2019 4:45:20 PM



#80
 Butylbenzylphthalate
 Concen: 6.839 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.00 min
 Lab File: BG040195.D
 Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.0	85.4
206	22.0	18.2	27.4





#81

Benzo(a)anthracene

Concen: 8.211 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

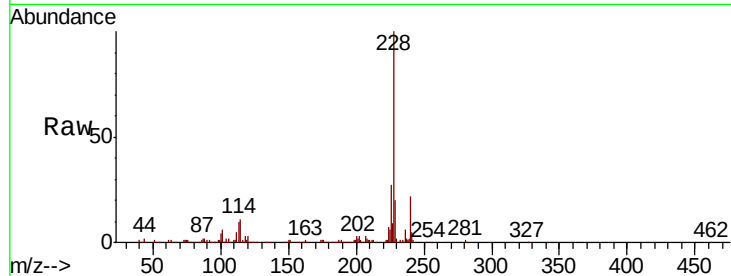
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.5	16.1	24.1

Manual Integrations
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3/29/2019 4:45:20 PM

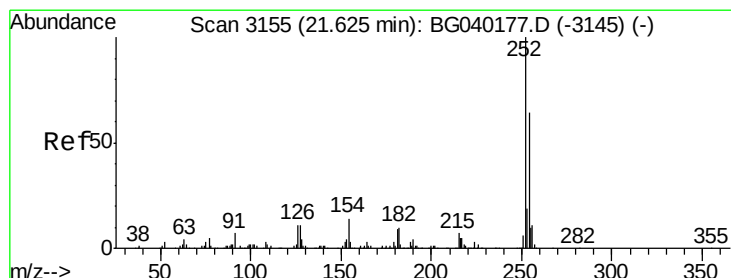
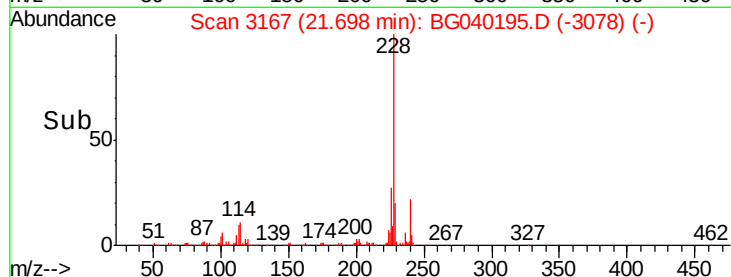
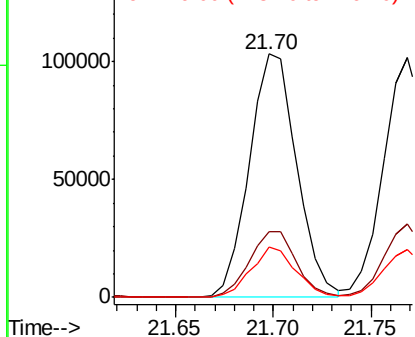


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 7.440 ng

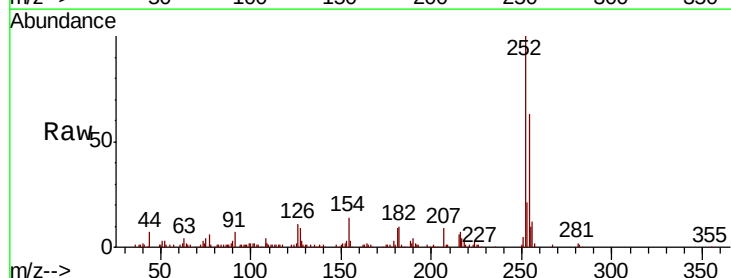
RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.2
126	11.2	8.5	12.7

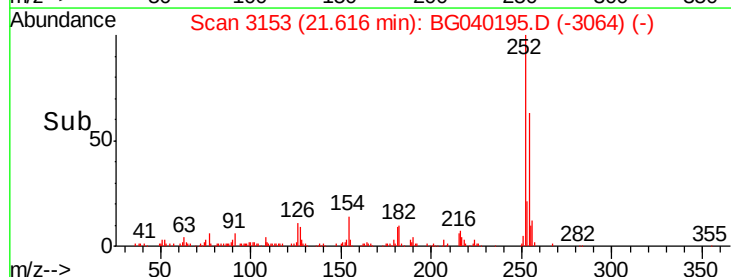
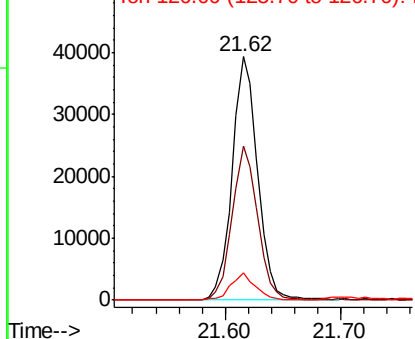


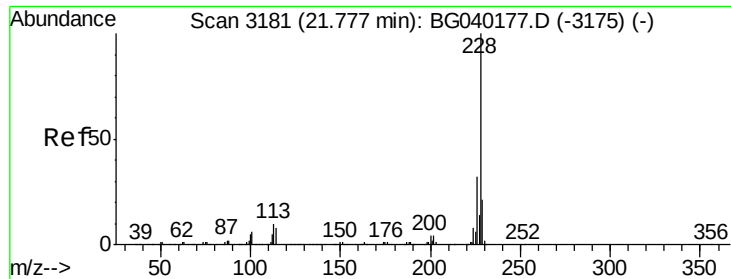
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





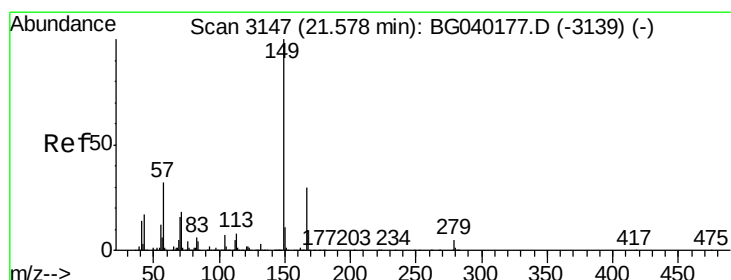
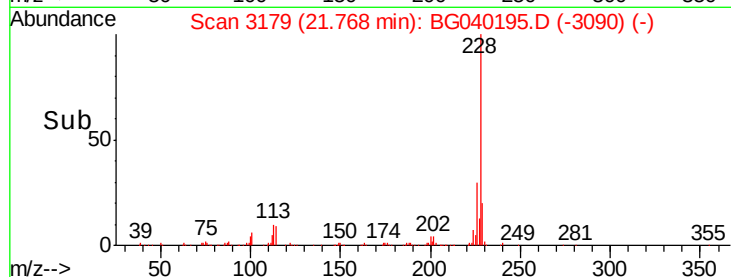
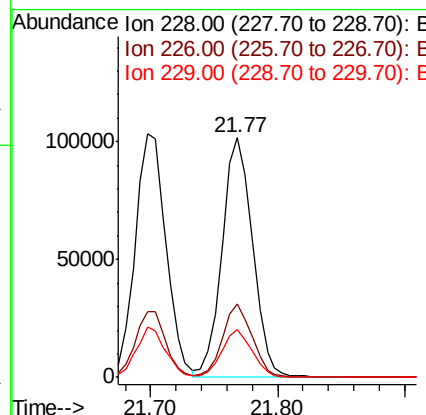
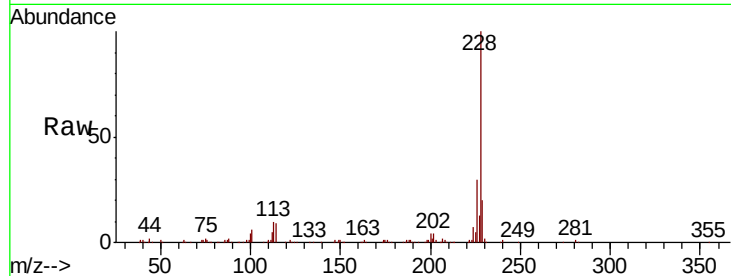
#83
Chrysene
Concen: 8.359 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampled :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	20.1	17.0	25.4

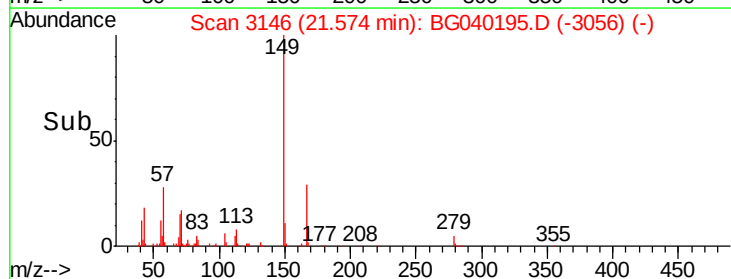
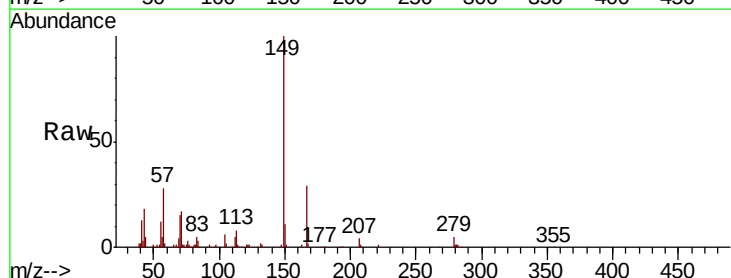
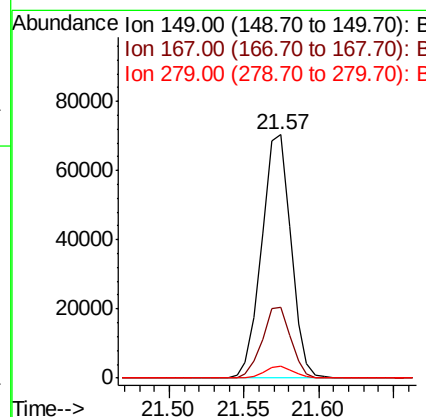
Manual Integrations
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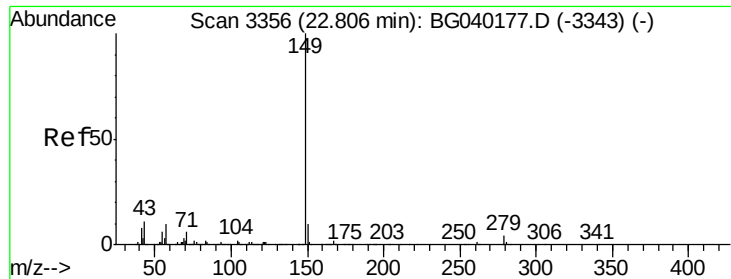
Sohil
3/29/2019 4:45:20 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.860 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.1	36.1
279	5.1	4.1	6.1





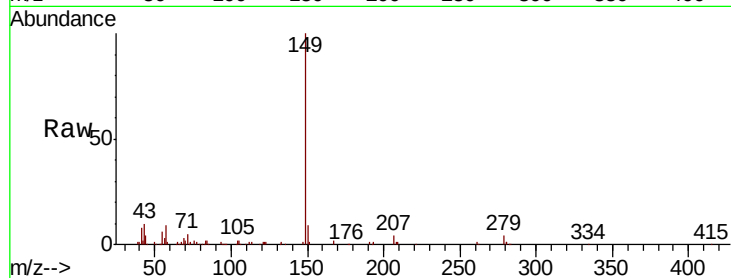
#85
Di-n-octyl phthalate
Concen: 6.677 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
149	100	157306		
167	1.7		1.4	2.0
43	10.4		8.7	13.1

Manual Integrations
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3/29/2019 4:45:20 PM

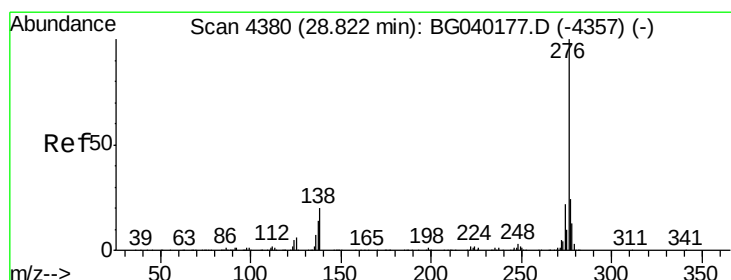
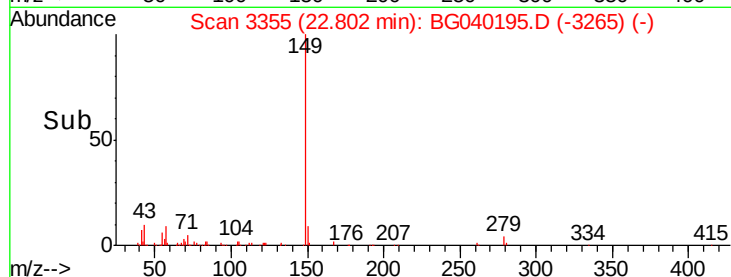
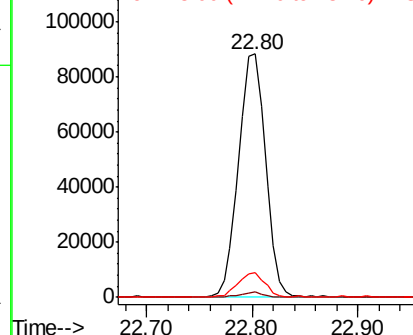


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.596 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

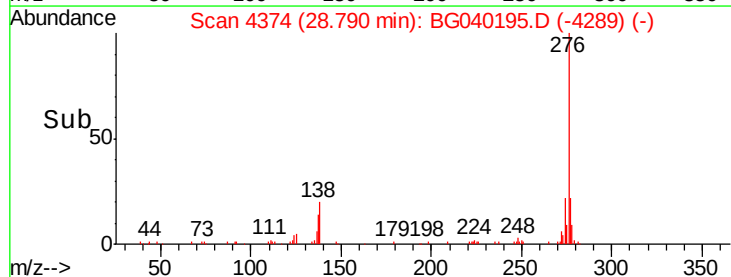
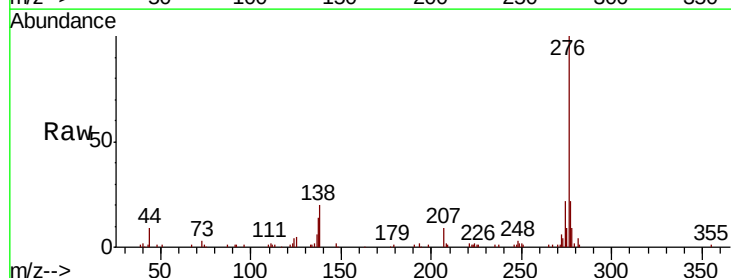
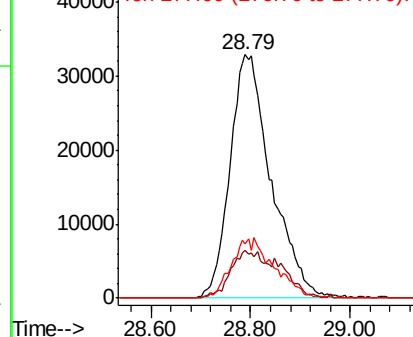
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	189053		
138	16.5		18.8	28.2#
277	12.1		21.0	31.4#

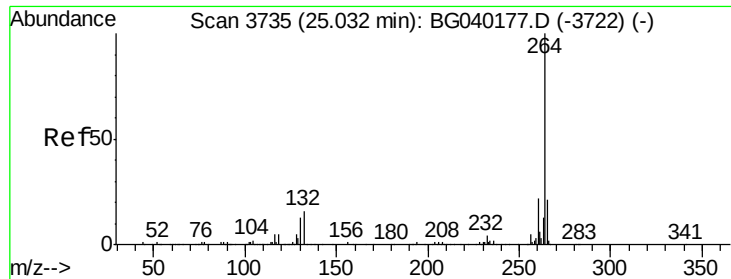
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

Instrument :

BNA_G

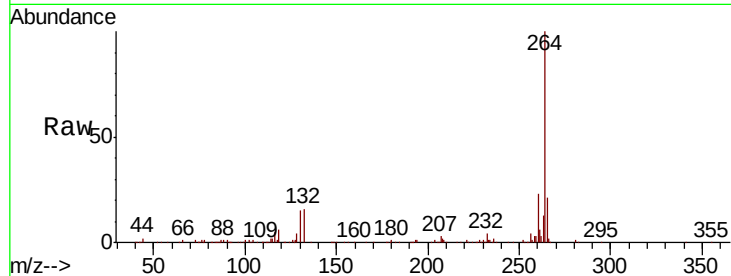
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	264	Resp:	347549
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.9	26.9
265	21.2	16.8	25.2

Manual Integrations
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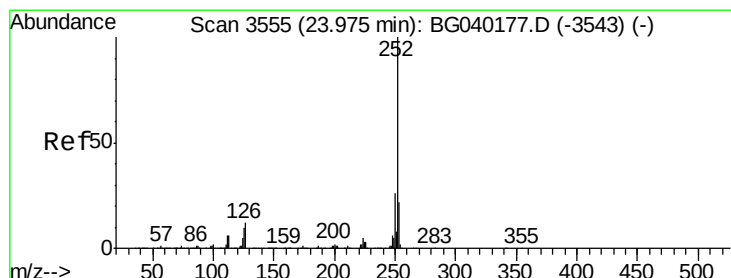
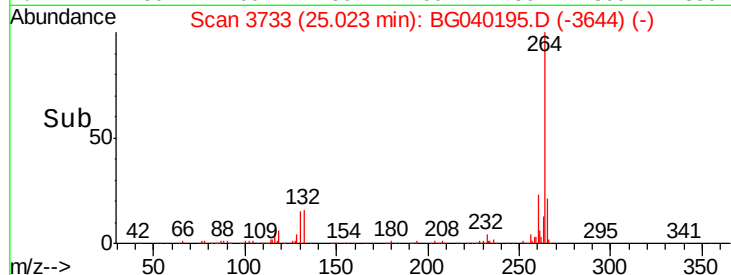
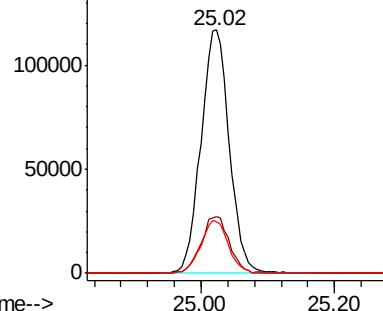


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.001 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG040195.D

Acq: 28 Mar 2019 11:42

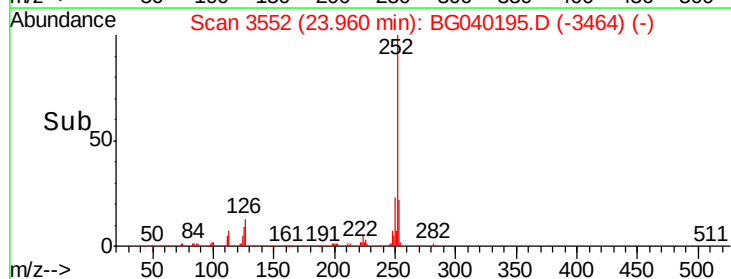
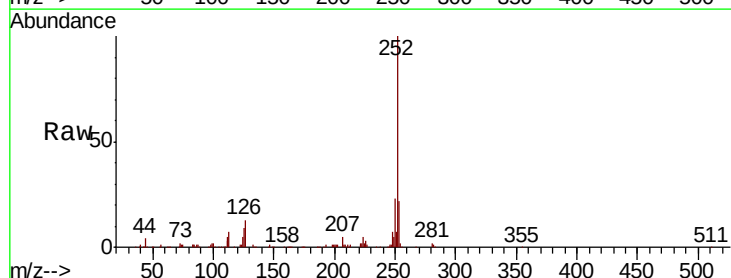
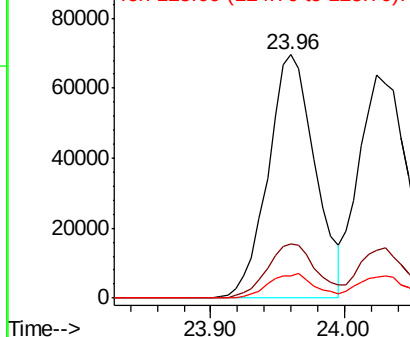
Tgt Ion:	252	Resp:	170252
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	9.1	8.2	12.4

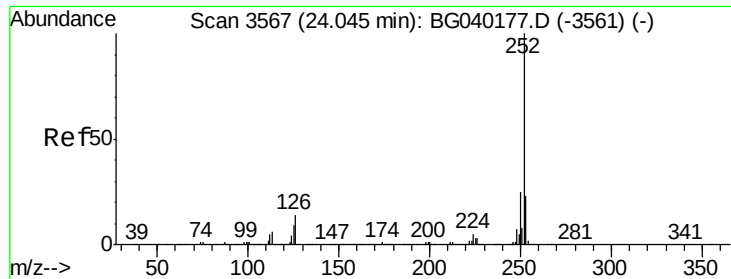
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





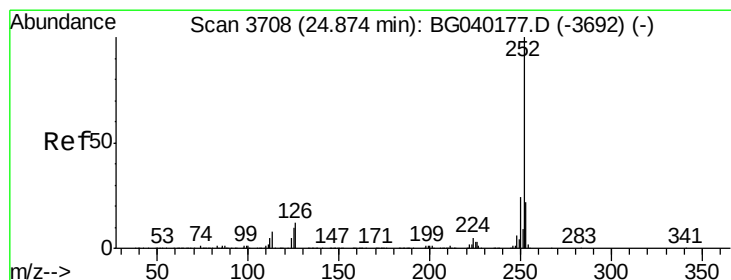
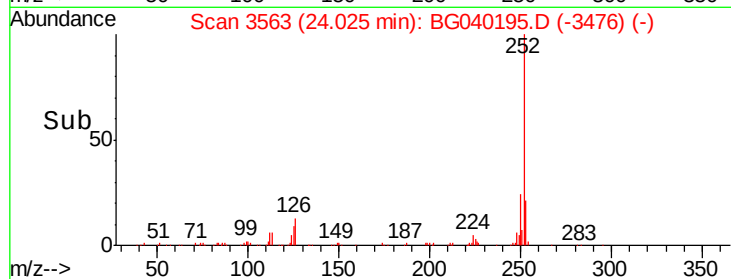
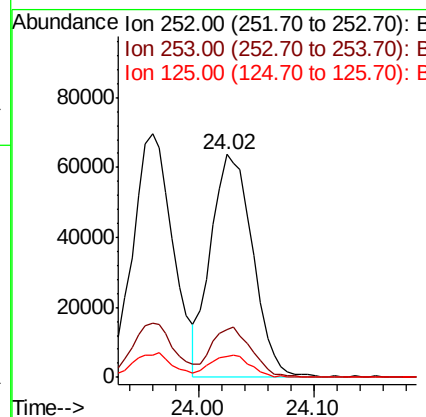
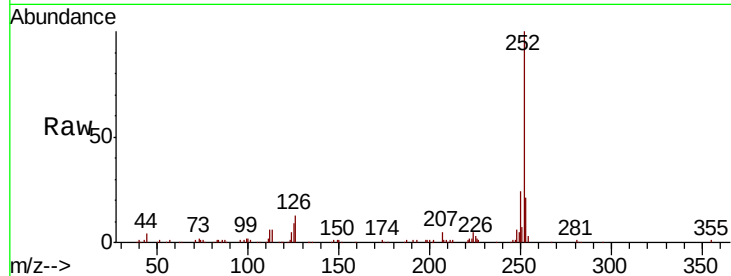
#89
Benzo(k)fluoranthene
Concen: 8.181 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.02 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.6	28.0
125	9.2	7.3	10.9

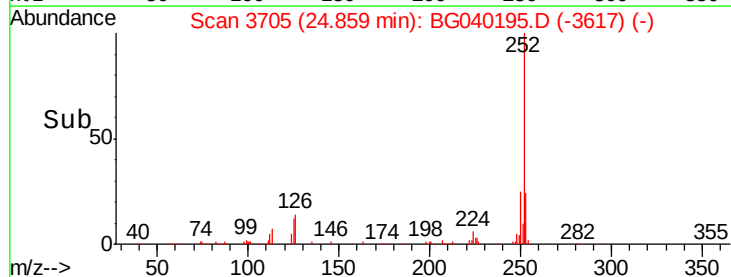
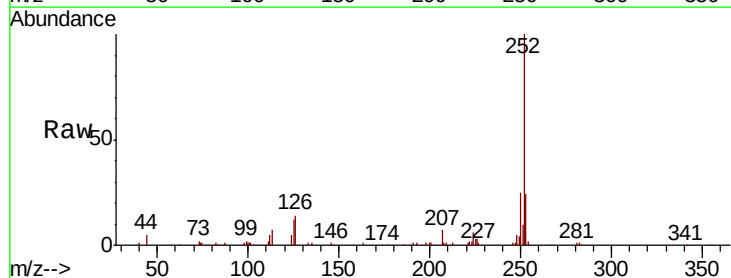
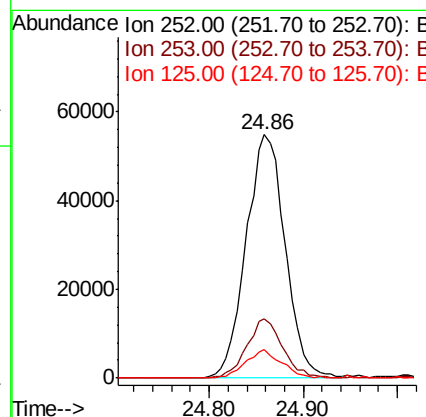
Manual Integrations
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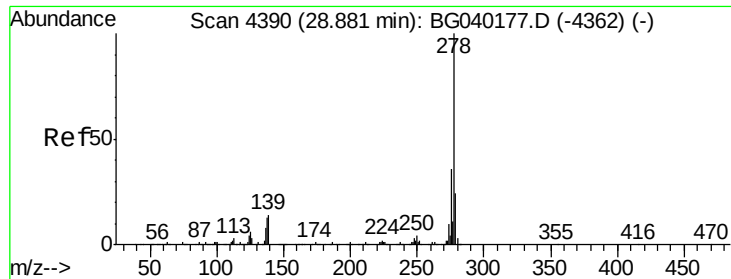
Sohil
3/29/2019 4:45:20 PM



#90
Benzo(a)pyrene
Concen: 7.910 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	11.6	8.3	12.5





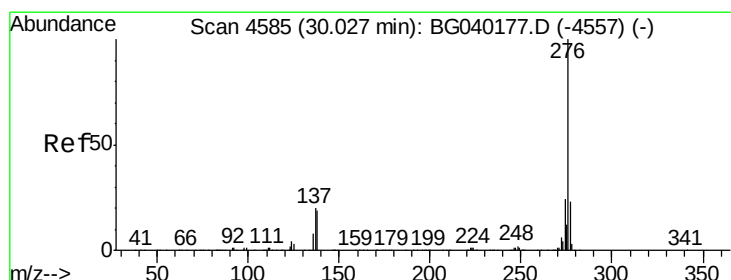
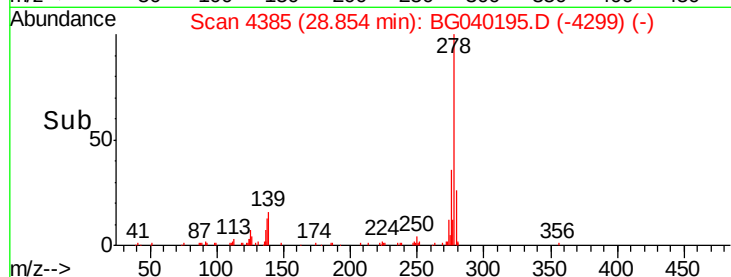
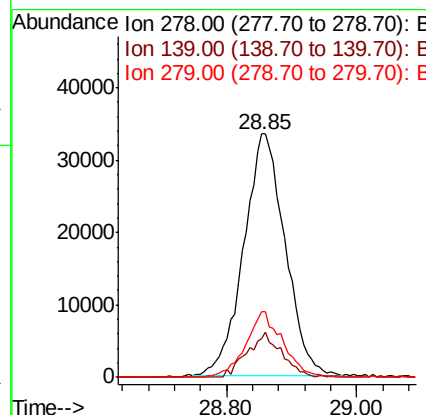
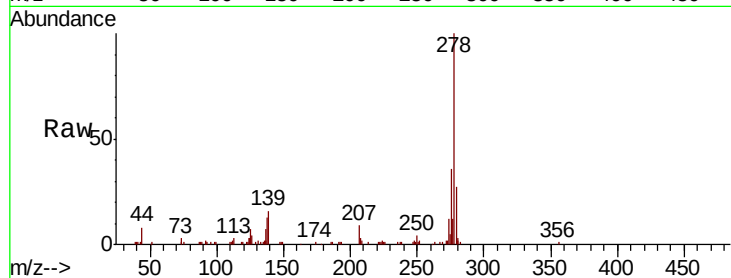
#91
Dibenzo(a,h)anthracene
Concen: 7.946 ng
RT: 28.85 min Scan# 4385
Delta R.T. -0.03 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tot Ion:	278	Resp:	147333
Ion Ratio	Lower	Upper	
278	100		
139	16.0	11.2	16.8
279	26.9	18.9	28.3

Manual Integrations
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Sohil
3/29/2019 4:45:20 PM



#92
Benzo(g,h,i)perylene
Concen: 7.985 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.03 min
Lab File: BG040195.D
Acq: 28 Mar 2019 11:42

Tgt Ion:	276	Resp:	152155
Ion Ratio	Lower	Upper	
276	100		
277	21.6	18.6	28.0
138	18.6	15.2	22.8

