

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
 Data File : BG040184.D
 Acq On : 27 Mar 2019 23:05
 Operator : JU/SJ
 Sample : K1560-01
 Misc : LOD 8PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Manual Integrations
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Sohil
 3/29/2019 4:48:17 PM

Quant Time: Mar 29 04:00:52 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	52476	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	210931	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	128962	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	307682	20.00	ng	0.00
76) Chrysene-d12	21.73	240	323882	20.00	ng	0.00
87) Perylene-d12	25.02	264	332051	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	382776	121.26	ng	0.00
7) Phenol-d6	7.22	99	529688	121.42	ng	0.00
23) Nitrobenzene-d5	9.25	82	349643	88.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	187182	134.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	785111	90.21	ng	0.00
79) Terphenyl-d14	20.05	244	1251541	86.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	13646	9.194	ng	87
3) Pyridine	3.93	79	30358	7.596	ng	88
4) n-Nitrosodimethylamine	3.85	42	14418	7.799	ng	# 79
6) Aniline	7.40	93	41550	7.331	ng	98
8) 2-Chlorophenol	7.63	128	27216	7.365	ng	97
9) Benzaldehyde	7.21	77	24789	8.284	ng	98
10) Phenol	7.25	94	34679	7.324	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	29125	7.680	ng	96
12) 1,3-Dichlorobenzene	7.96	146	31715	7.896	ng	93
13) 1,4-Dichlorobenzene	8.11	146	31967	7.990	ng	97
14) 1,2-Dichlorobenzene	8.42	146	30018	7.846	ng	98
15) Benzyl Alcohol	8.31	79	24783	7.054	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	55705	7.653	ng	99
17) 2-Methylphenol	8.51	107	23202	7.081	ng	89
18) Hexachloroethane	9.15	117	11928	7.838	ng	88
19) n-Nitroso-di-n-propylamine	8.87	70	23077	7.378	ng	# 97
20) 3+4-Methylphenols	8.84	107	33624	7.575	ng	97
22) Acetophenone	8.90	105	44915	8.536	ng	# 99
24) Nitrobenzene	9.29	77	34284	8.343	ng	# 95
25) Isophorone	9.80	82	67879	8.313	ng	98
26) 2-Nitrophenol	9.99	139	15179	7.795	ng	90
27) 2,4-Dimethylphenol	10.04	122	23462	7.586	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	39631	8.204	ng	96
29) 2,4-Dichlorophenol	10.53	162	25711	7.659	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	30006	8.140	ng	93
31) Naphthalene	10.93	128	94040	8.698	ng	# 95
32) Benzoic acid	10.14	122	9922m	5.309	ng	
33) 4-Chloroaniline	11.05	127	38024	8.245	ng	# 93
34) Hexachlorobutadiene	11.20	225	20173	8.557	ng	93
35) Caprolactam	11.81	113	10250	7.694	ng	# 80
36) 4-Chloro-3-methylphenol	12.15	107	30242	7.836	ng	97
37) 2-Methylnaphthalene	12.53	142	67616	8.456	ng	96
38) 1-Methylnaphthalene	12.75	142	66917m	8.630	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	35321	8.617	ng	99

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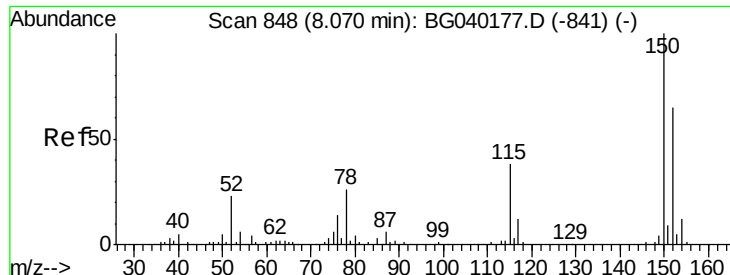
Manual Integrations
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 3/29/2019 4:48:17 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	15144	6.729	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	19679	7.447	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	22975	7.976	ng	95
46) 1,1'-Biphenyl	13.53	154	90568	8.888	ng	100
47) 2-Chloronaphthalene	13.58	162	67565	8.644	ng	98
48) 2-Nitroaniline	13.79	65	20542	7.792	ng	95
49) Acenaphthylene	14.42	152	116556	8.795	ng	97
50) Dimethylphthalate	14.15	163	87372	8.657	ng	99
51) 2,6-Dinitrotoluene	14.28	165	18133	8.001	ng	95
52) Acenaphthene	14.76	154	64784	8.531	ng	99
53) 3-Nitroaniline	14.61	138	19045	7.939	ng	95
54) 2,4-Dinitrophenol	14.82	184	6214	5.156	ng	93
55) Dibenzofuran	15.09	168	110090	9.022	ng	95
56) 4-Nitrophenol	14.92	139	12972	6.700	ng	92
57) 2,4-Dinitrotoluene	15.06	165	24267	7.706	ng	95
58) Fluorene	15.74	166	85770	8.941	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	20639m	7.896	ng	
60) Diethylphthalate	15.50	149	90715	8.783	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	45048	8.785	ng	96
62) 4-Nitroaniline	15.77	138	21047	8.175	ng	98
63) Azobenzene	16.02	77	85864	8.814	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	10998	6.362	ng	90
66) n-Nitrosodiphenylamine	15.95	169	76284	8.473	ng	92
67) 4-Bromophenyl-phenylether	16.63	248	28141	8.127	ng	94
68) Hexachlorobenzene	16.74	284	29716	8.536	ng	96
69) Atrazine	16.88	200	28280	8.444	ng	96
70) Pentachlorophenol	17.09	266	12113	6.018	ng	96
71) Phenanthrene	17.49	178	144164	8.914	ng	99
72) Anthracene	17.58	178	143838	8.886	ng	99
73) Carbazole	17.85	167	136782	8.929	ng	100
74) Di-n-butylphthalate	18.38	149	164124	9.038	ng	98
75) Fluoranthene	19.49	202	179748	9.386	ng	97
77) Benzidine	19.68	184	74470	6.367	ng	98
78) Pyrene	19.86	202	188398	8.845	ng	97
80) Butylbenzylphthalate	20.73	149	69681	7.645	ng	92
81) Benzo(a)anthracene	21.70	228	172812	8.663	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	58308	7.683	ng	98
83) Chrysene	21.77	228	166676	8.693	ng	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	101483	7.789	ng	96
85) Di-n-octyl phthalate	22.80	149	174834	7.876	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	187874	8.012	ng	# 91
88) Benzo(b)fluoranthene	23.96	252	181470	8.926	ng	98
89) Benzo(k)fluoranthene	24.04	252	166550	8.909	ng	99
90) Benzo(a)pyrene	24.86	252	165491	8.676	ng	97
91) Dibenzo(a,h)anthracene	28.86	278	151079	8.528	ng	97
92) Benzo(g,h,i)perylene	29.99	276	153670	8.441	ng	97

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



#1

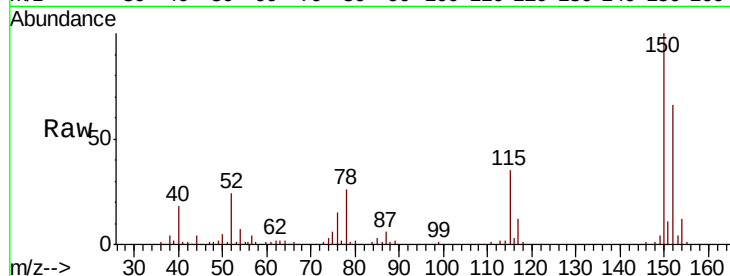
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.7	185.5
115	52.9	46.9	70.3

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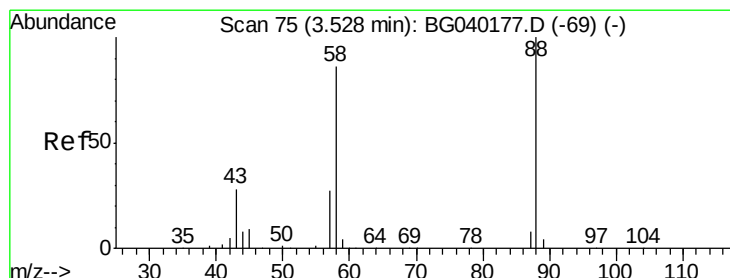
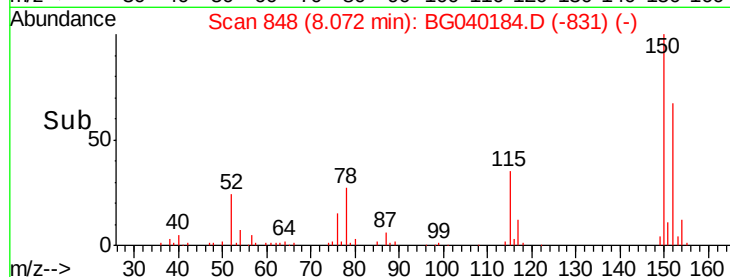
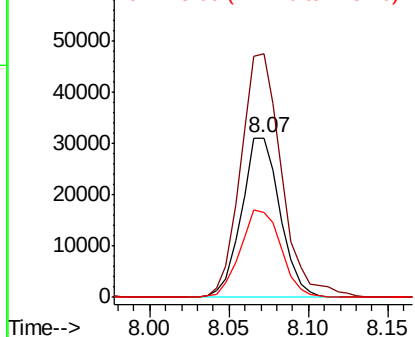


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

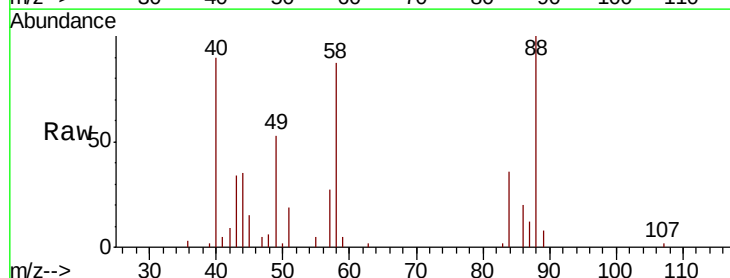
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.194 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	70.6	106.0
43	31.3	24.8	37.2

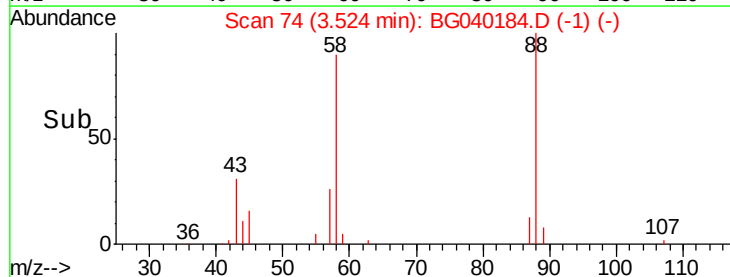
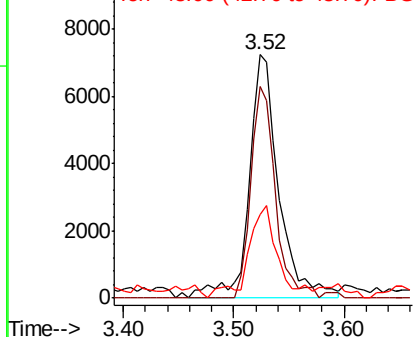


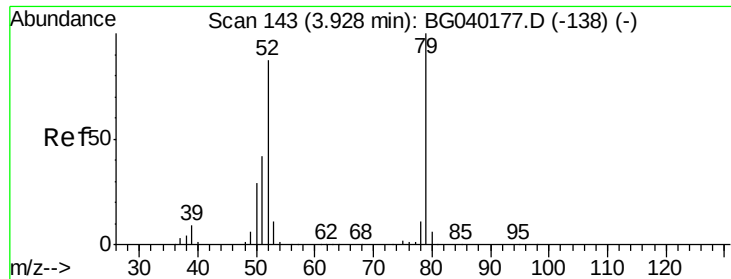
Abundance

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: 7.596 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

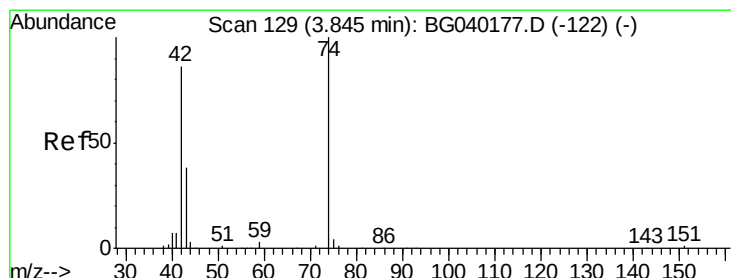
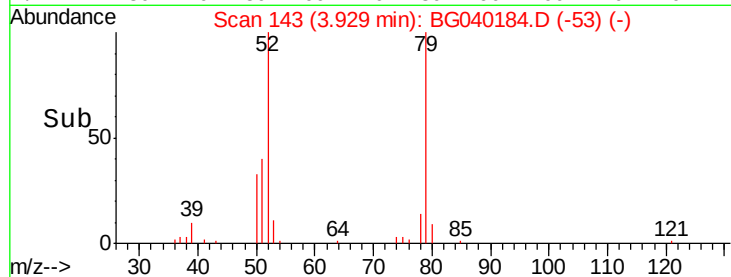
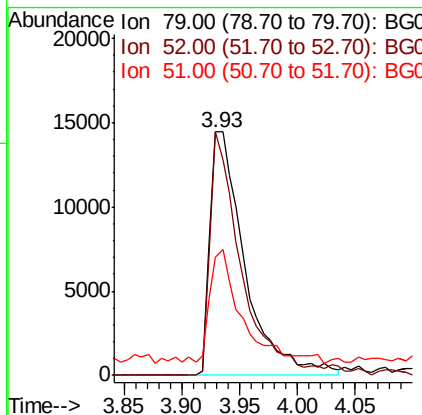
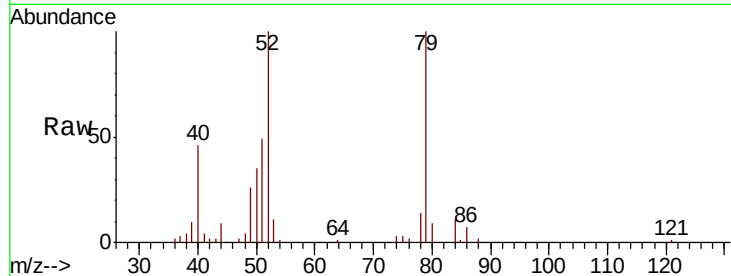
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	79	Resp:	30358
Ion	Ratio	Lower	Upper
79	100		
52	100.0	69.8	104.8
51	48.5	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 7.799 ng

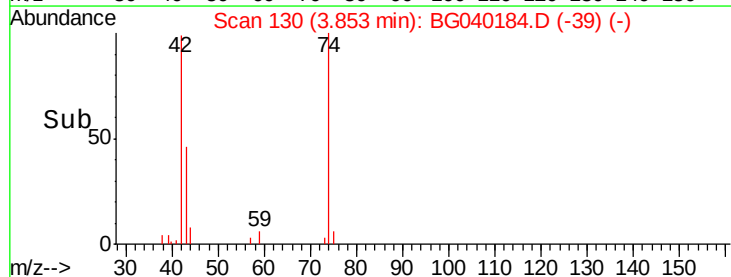
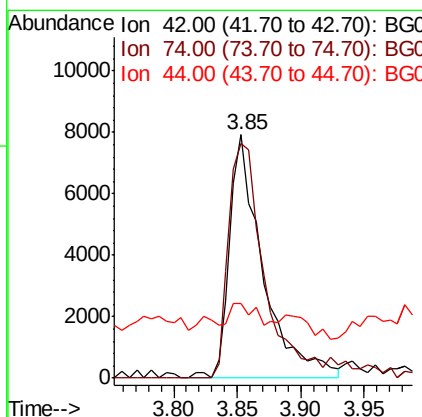
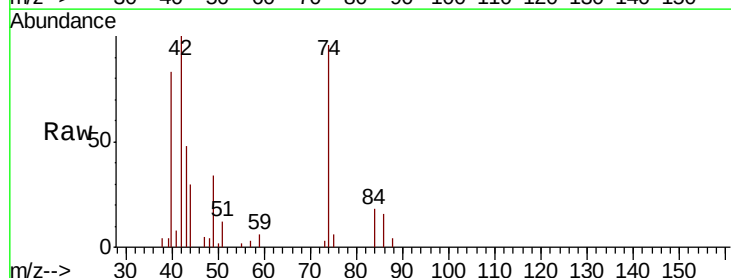
RT: 3.85 min Scan# 130

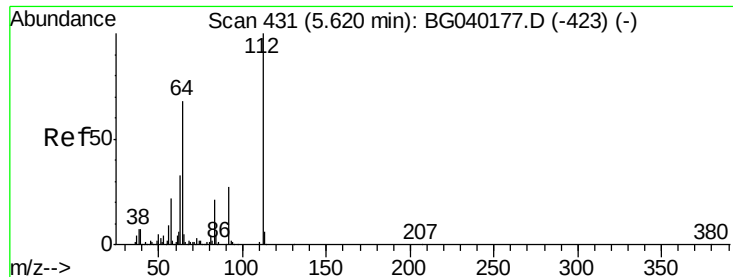
Delta R.T. 0.01 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	42	Resp:	14418
Ion	Ratio	Lower	Upper
42	100		
74	96.3	92.9	139.3
44	30.4	9.7	14.5#





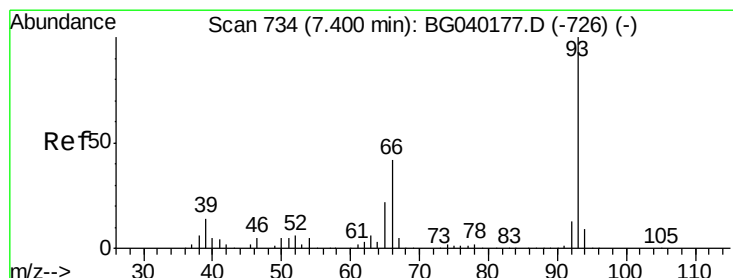
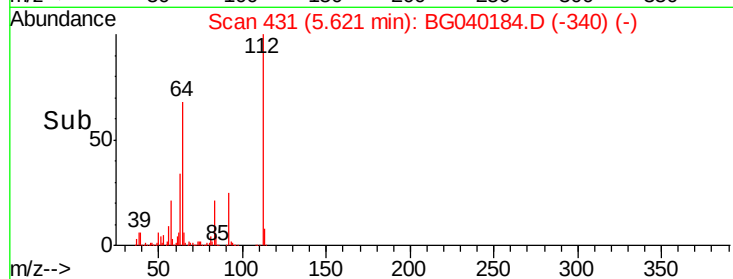
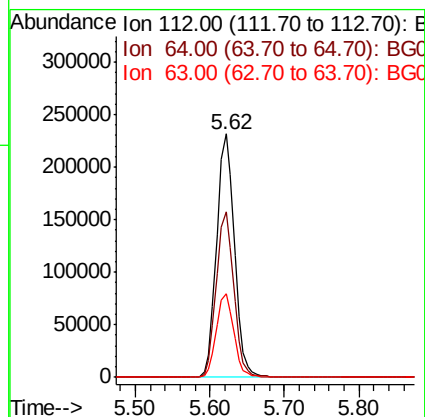
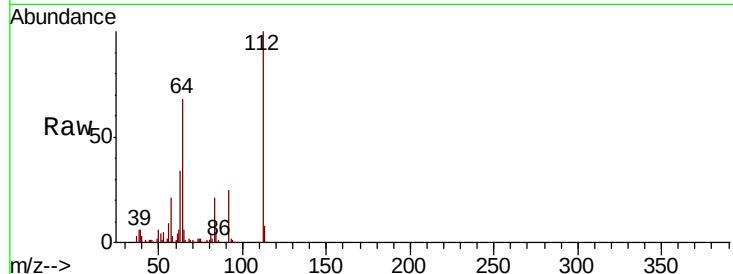
#5
 2-Fluorophenol
 Concen: 121.261 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
112	100	382776		
64	68.0		54.2	81.2
63	34.5		26.4	39.6

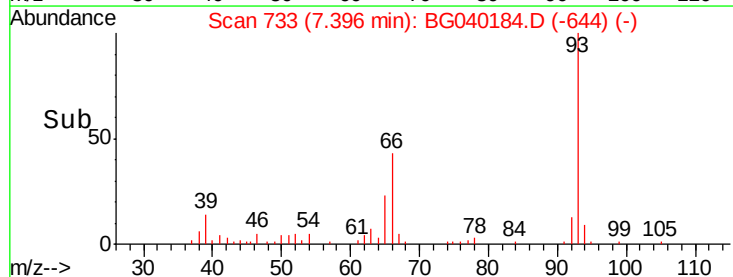
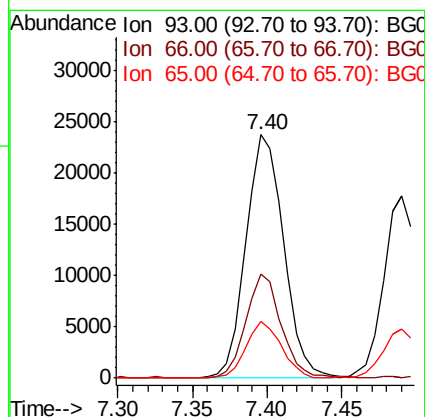
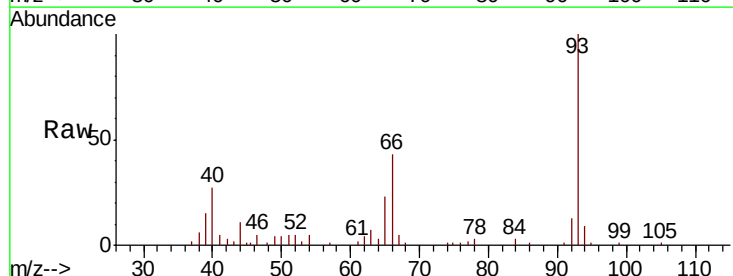
Manual Integrations
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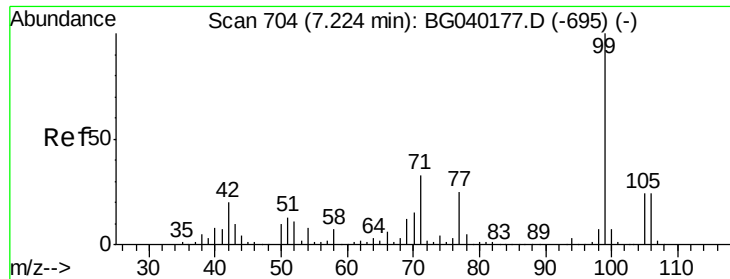
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#6
 Aniline
 Concen: 7.331 ng
 RT: 7.40 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	41550		
66	42.5		33.6	50.4
65	23.2		17.4	26.2





#7

Phenol-d6

Concen: 121.419 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

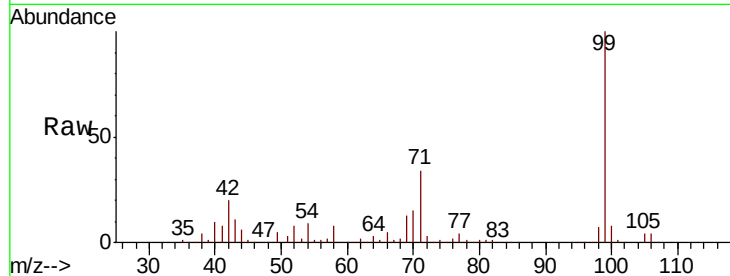
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	99	Resp:	529688
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	33.7	26.8	40.2

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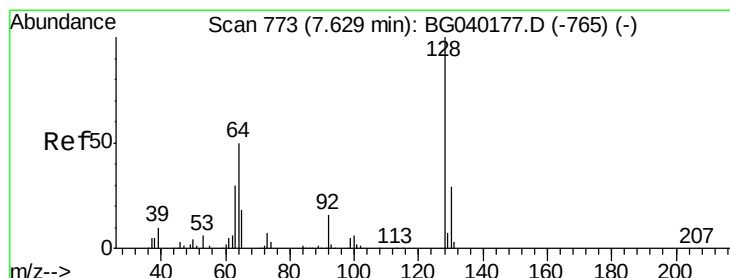
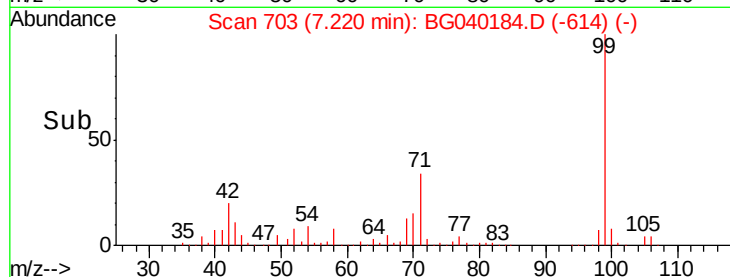
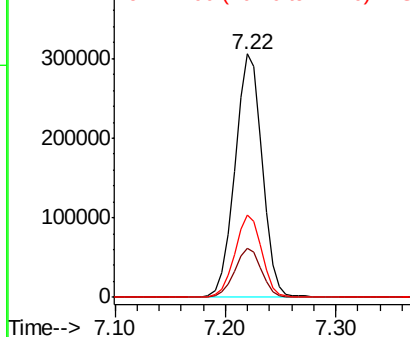


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.365 ng

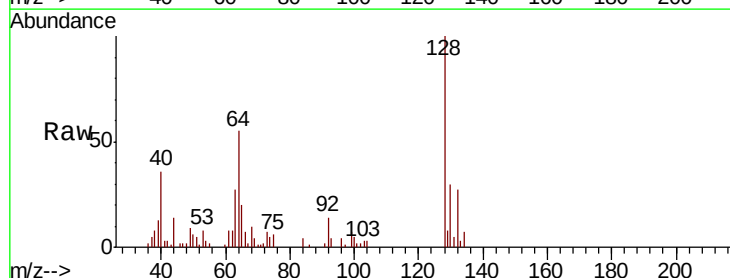
RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	128	Resp:	27216
Ion	Ratio	Lower	Upper
128	100		
130	30.3	9.1	49.1
64	55.3	33.1	73.1

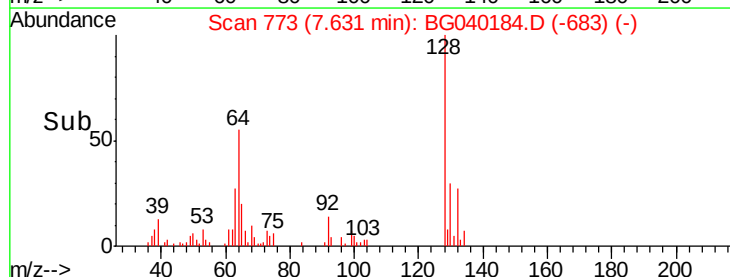
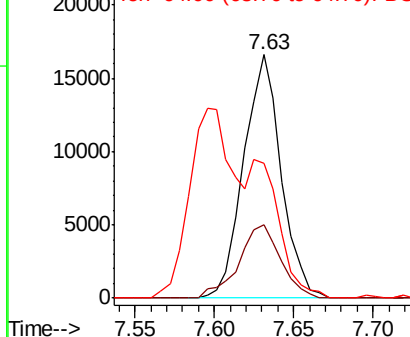


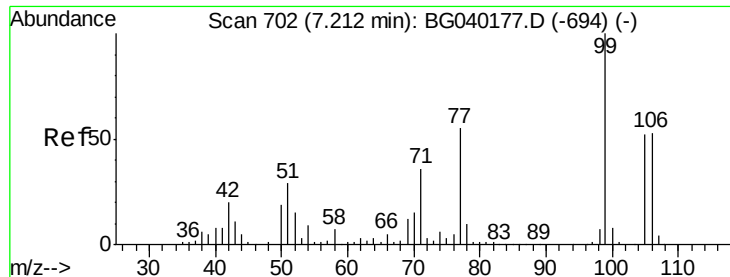
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 8.284 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

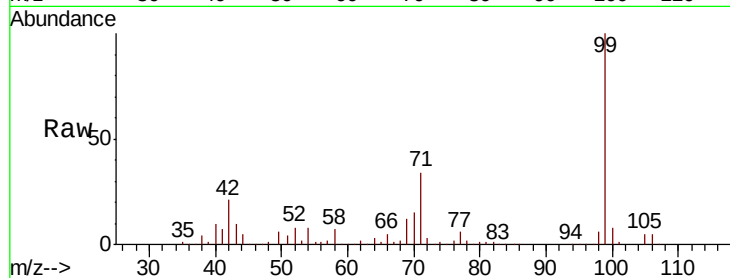
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	75.0	115.0
106	91.9	75.7	115.7

Manual Integrations
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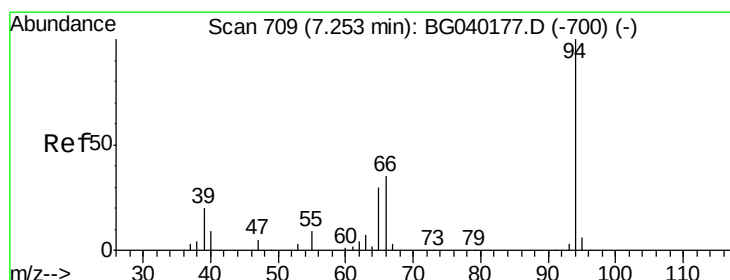
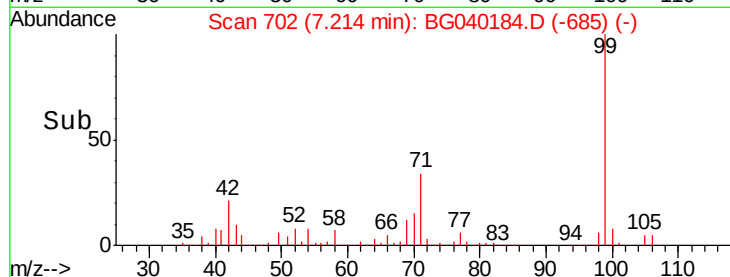
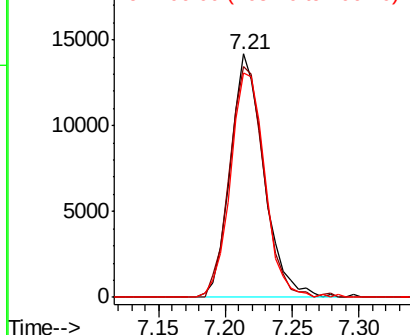


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 7.324 ng

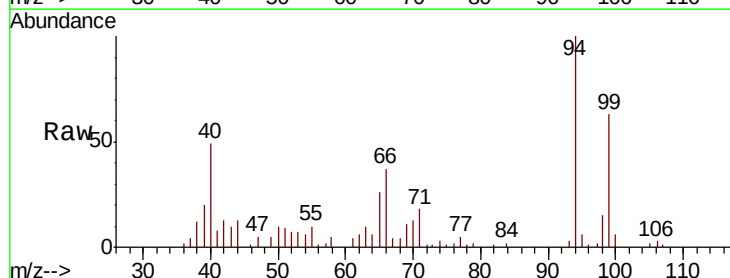
RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.5	50.5
66	37.2	16.9	56.9

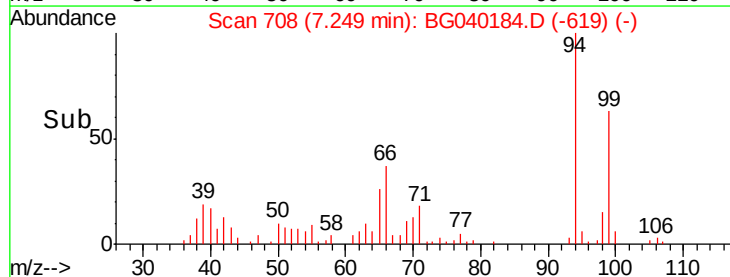
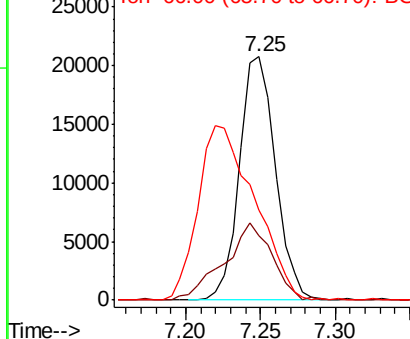


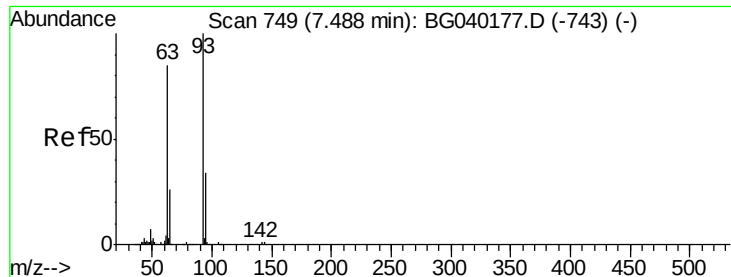
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





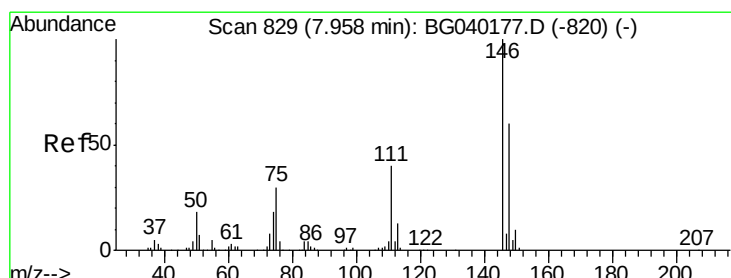
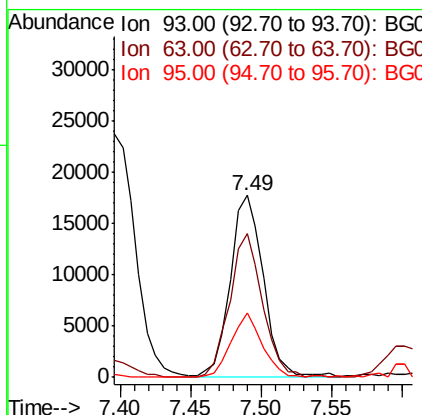
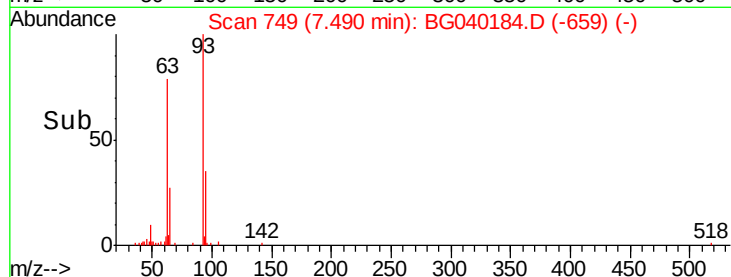
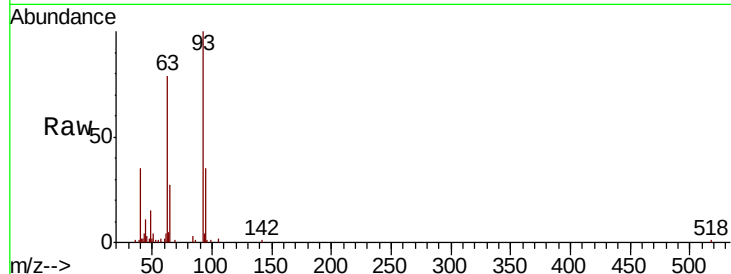
#11
bis(2-Chloroethyl)ether
Concen: 7.680 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	64.2	104.2
95	35.0	14.0	54.0

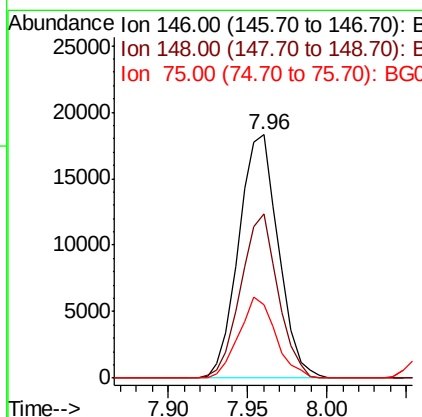
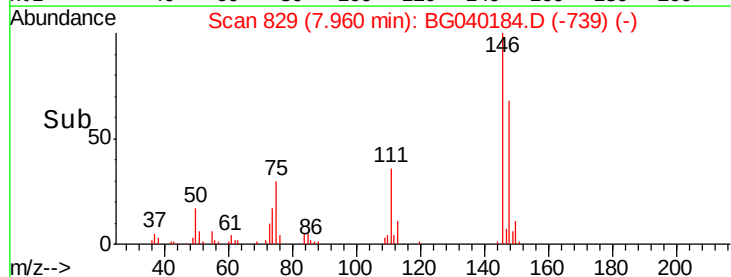
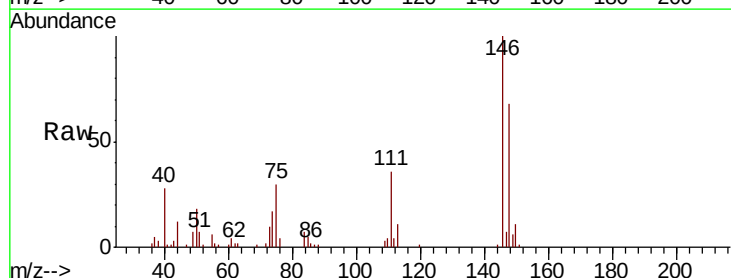
Manual Integrations
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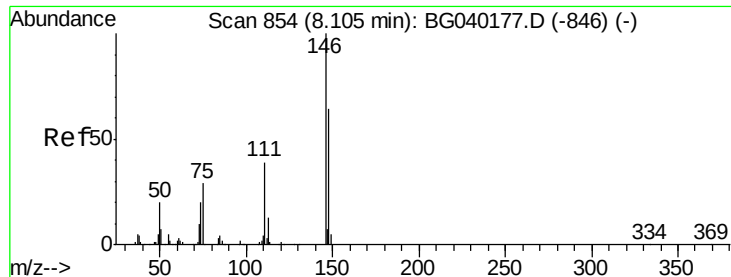
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#12
1,3-Dichlorobenzene
Concen: 7.896 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	48.2	72.2
75	30.3	24.1	36.1





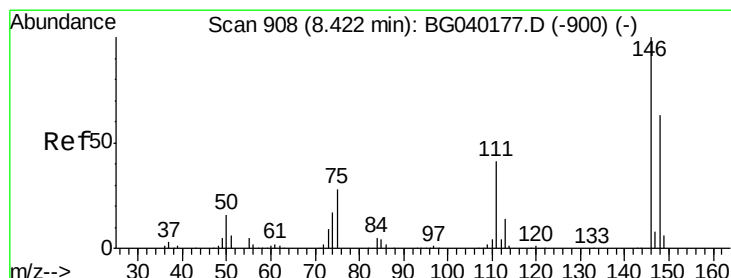
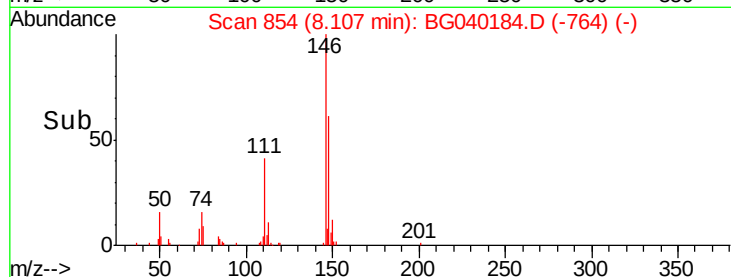
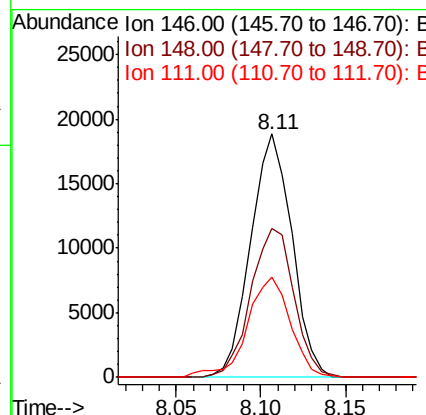
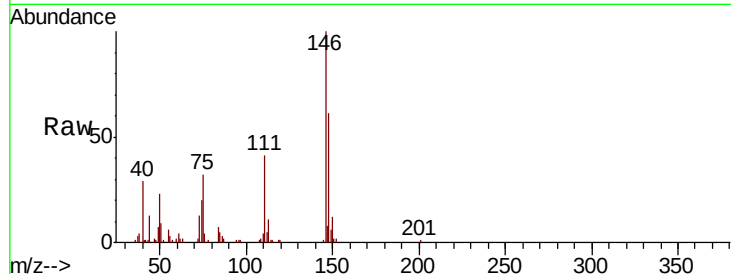
#13
 1,4-Dichlorobenzene
 Concen: 7.990 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.4
111	41.0	31.8	47.6

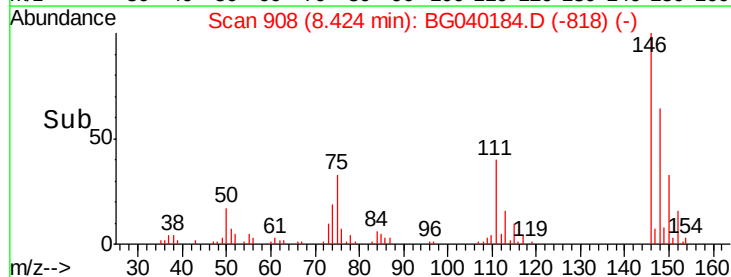
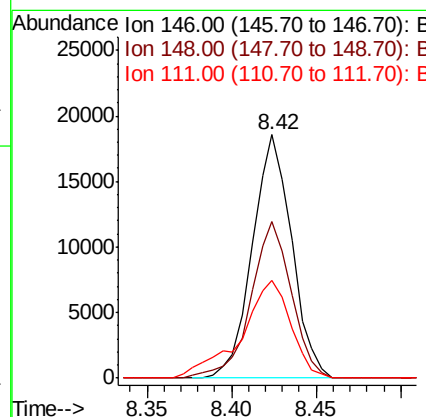
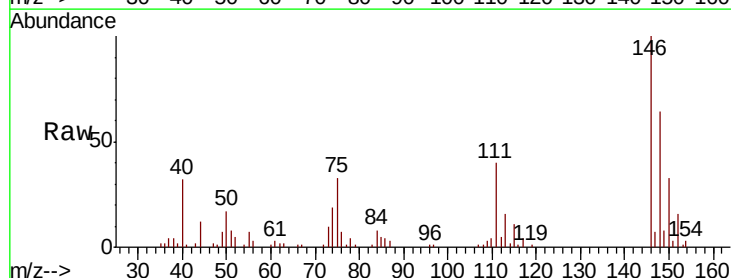
Manual Integrations
 APPROVED

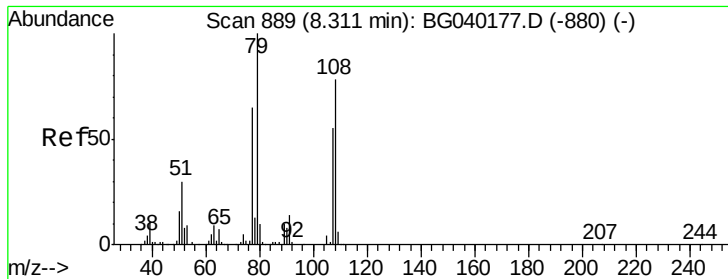
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 7.846 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 7.054 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

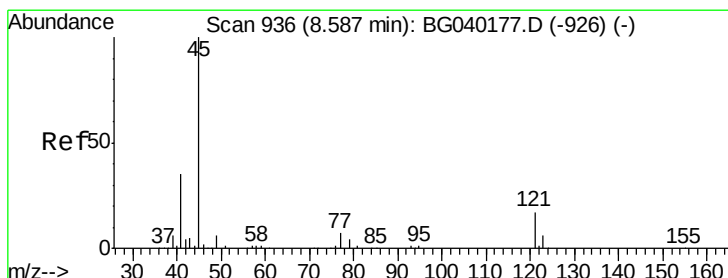
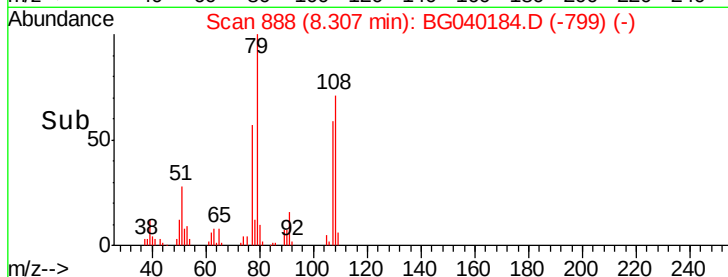
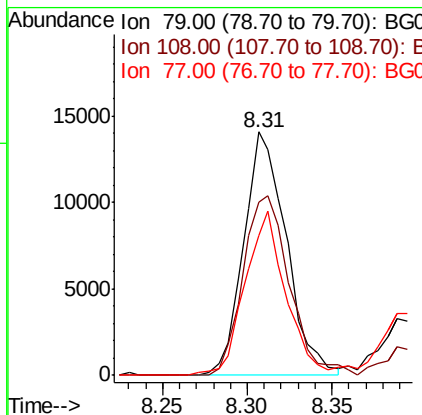
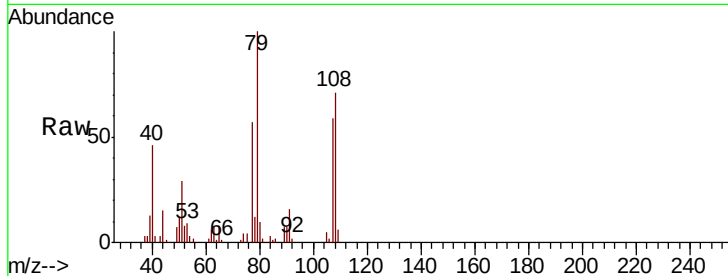
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	79	Resp:	24783
Ion Ratio	Lower	Upper	
79	100		
108	71.3	62.1	93.1
77	57.4	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.653 ng

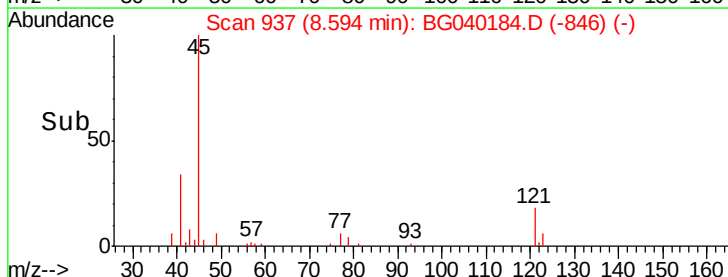
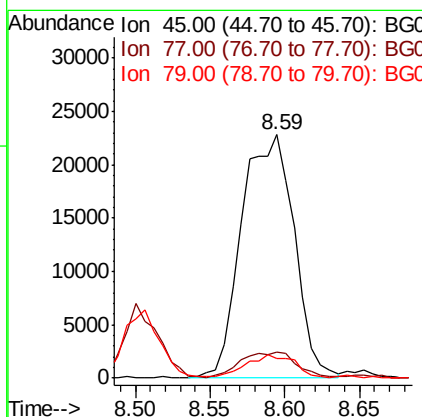
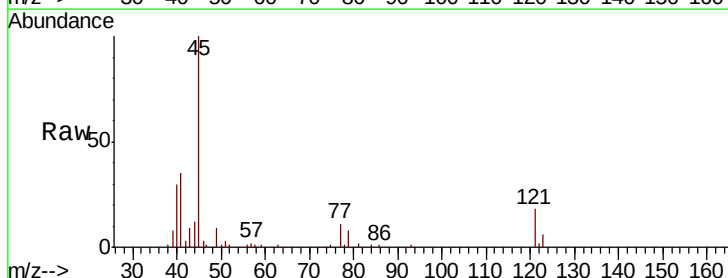
RT: 8.59 min Scan# 937

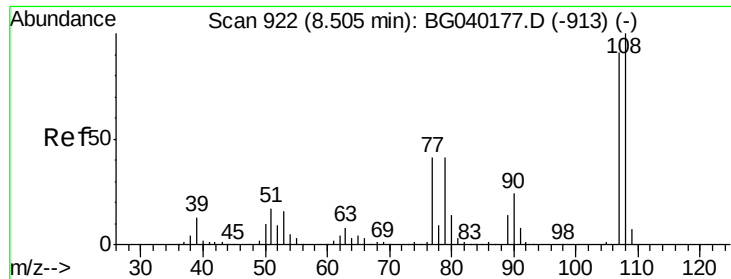
Delta R.T. 0.01 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	45	Resp:	55705
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	31.4
79	8.1	0.0	28.3





#17

2-Methylphenol

Concen: 7.081 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

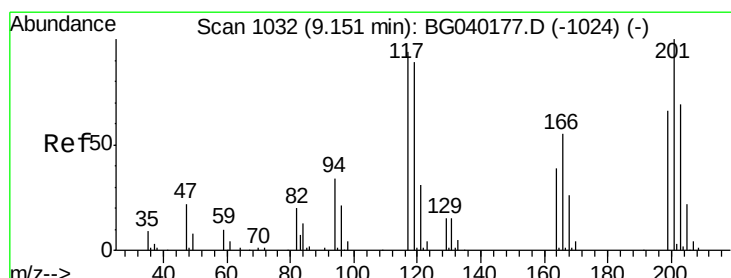
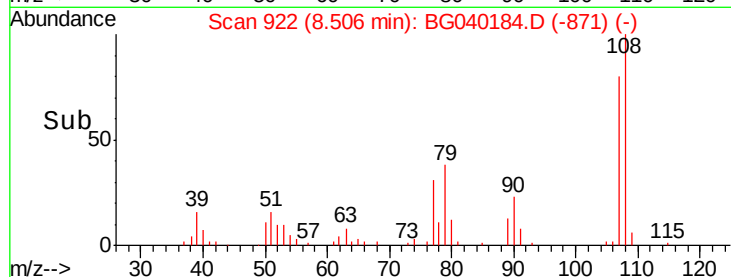
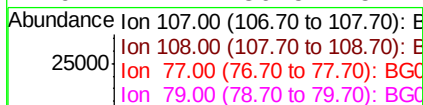
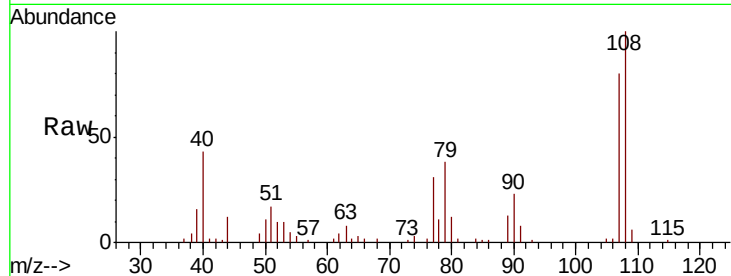
ClientSampled :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
107	100		
108	125.3	88.2	132.4
77	38.8	36.6	55.0
79	47.1	36.5	54.7

Manual Integrations
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#18

Hexachloroethane

Concen: 7.838 ng

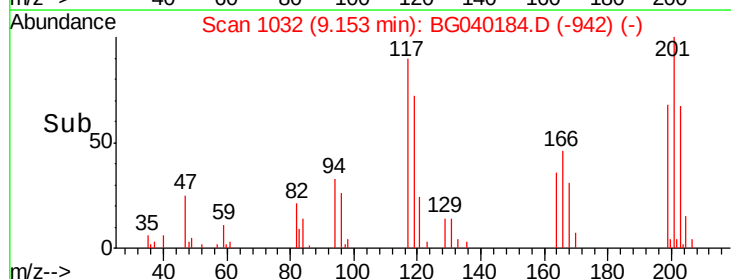
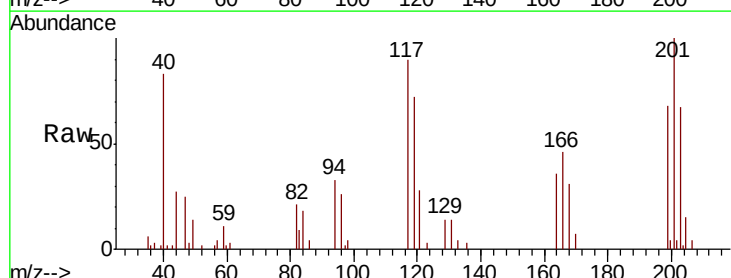
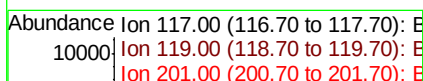
RT: 9.15 min Scan# 1032

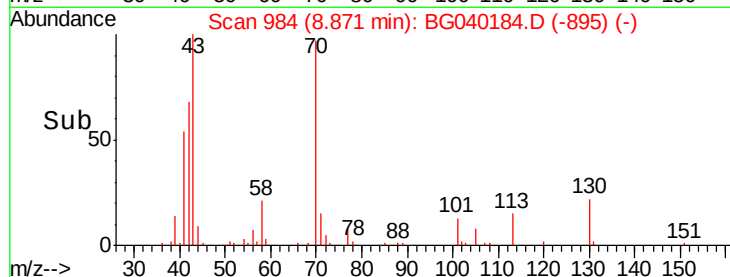
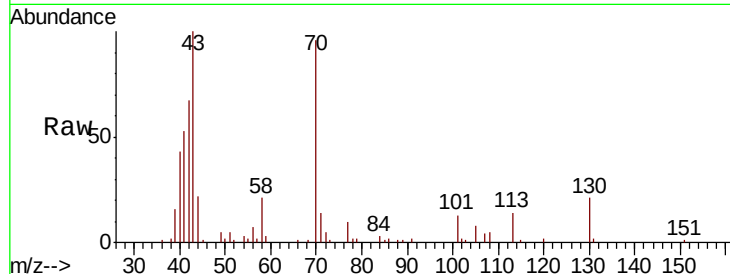
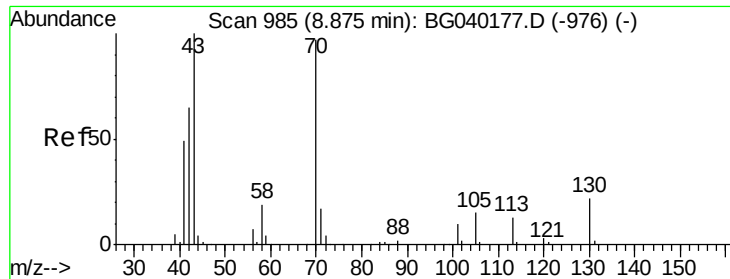
Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	79.5	76.6	115.0
201	115.1	85.0	127.4





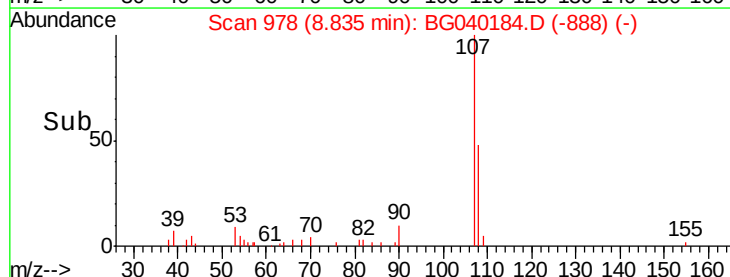
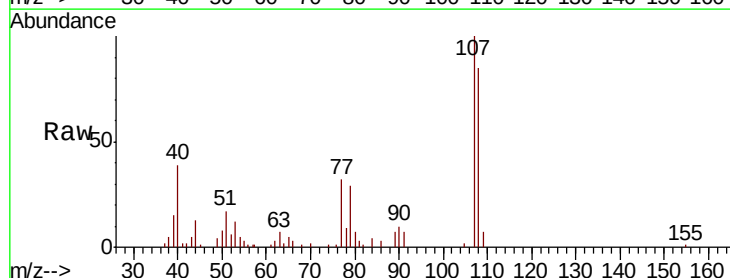
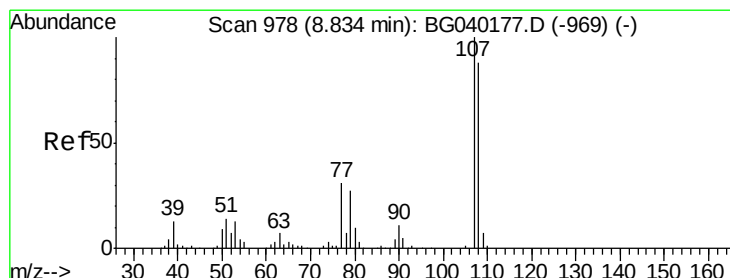
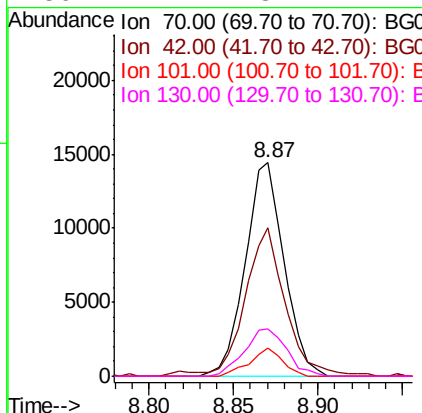
#19
n-Nitroso-di-n-propylamine
Concen: 7.378 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.7	54.0	81.0	
101	13.2	8.6	13.0	
130	22.4	18.2	27.2	

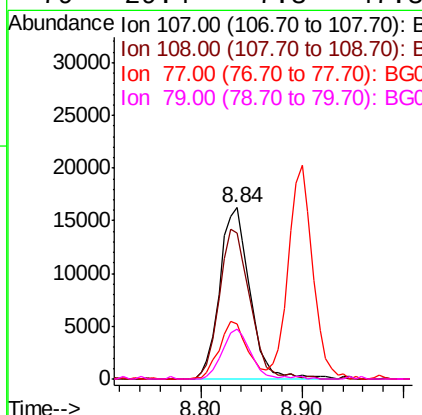
Manual Integrations
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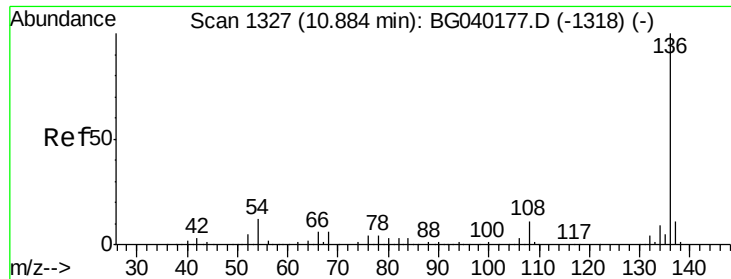
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#20
3+4-Methylphenols
Concen: 7.575 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	68.3	108.3	
77	32.3	11.3	51.3	
79	29.4	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: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

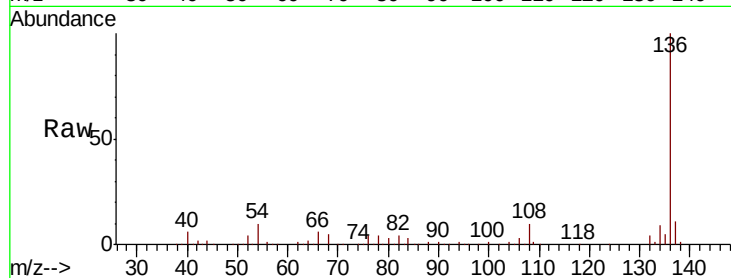
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

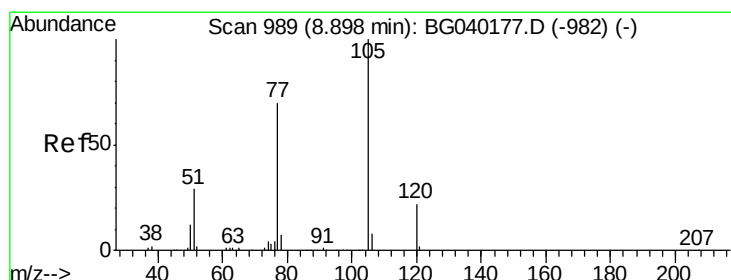
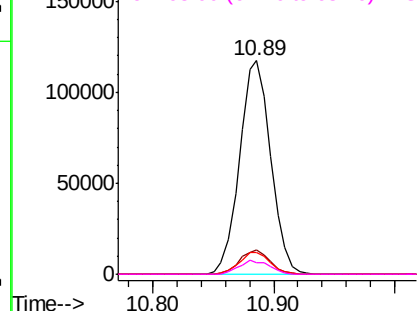
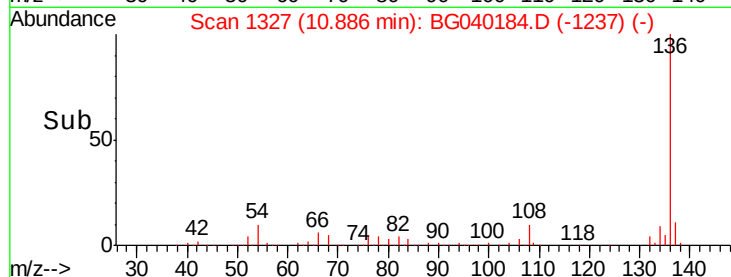
Tot Ion	Ratio	Resp	Lower	Upper
136	100	210931		
137	11.2	8.9	13.3	
54	10.1	9.6	14.4	
68	5.3	5.1	7.7	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 8.536 ng

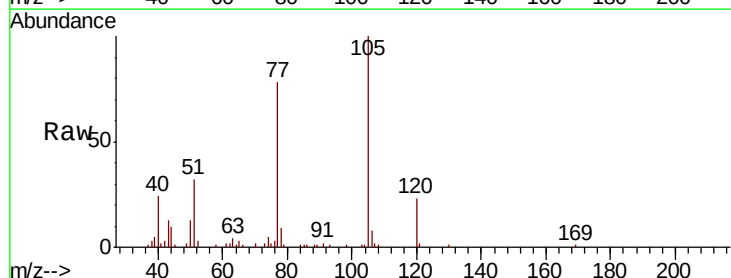
RT: 8.90 min Scan# 989

Delta R.T. 0.00 min

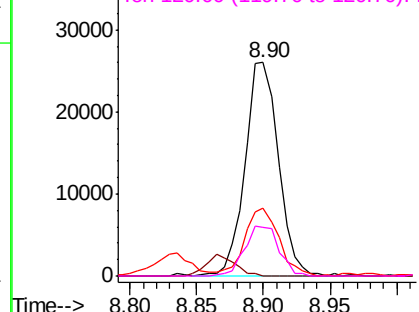
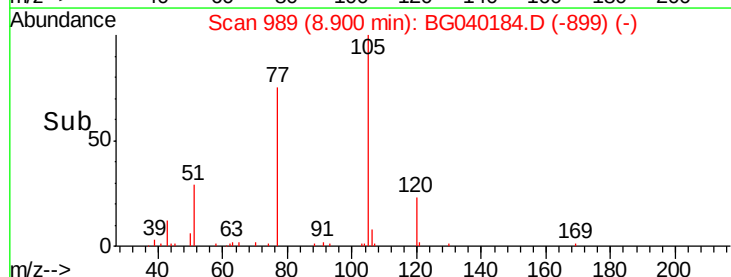
Lab File: BG040184.D

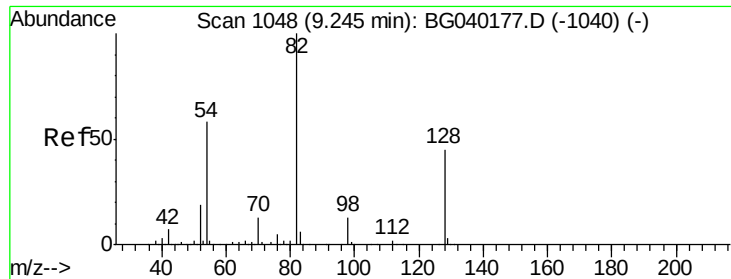
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	44915		
71	0.0	0.6	1.0#	
51	31.7	25.1	37.7	
120	22.6	17.6	26.4	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





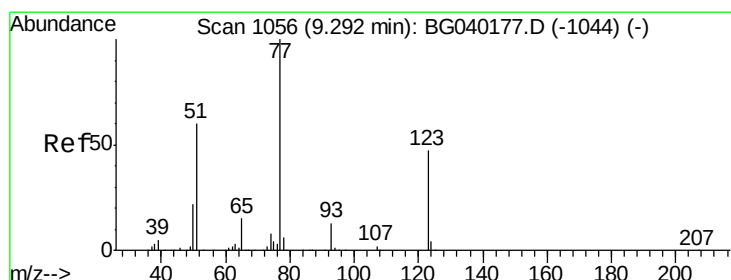
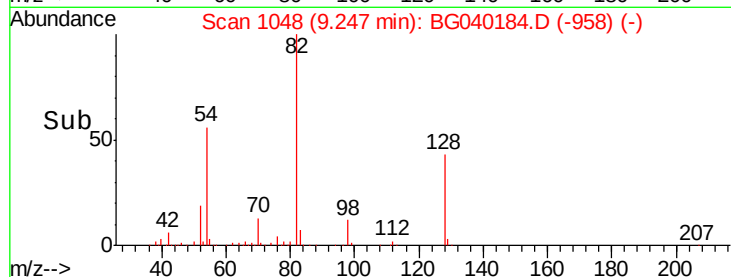
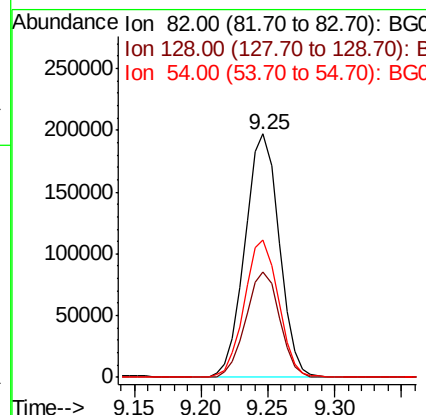
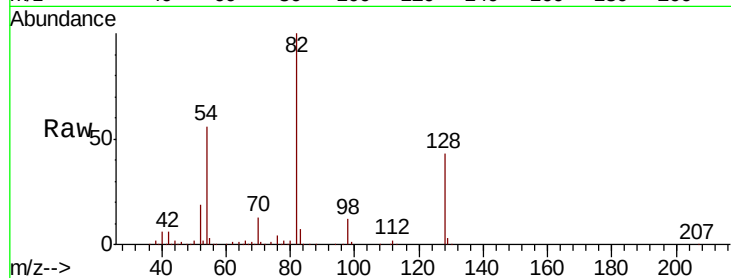
#23
 Nitrobenzene-d5
 Concen: 88.108 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	56.2	46.2	69.2

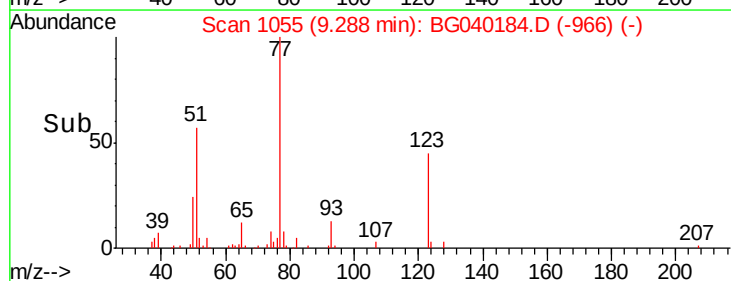
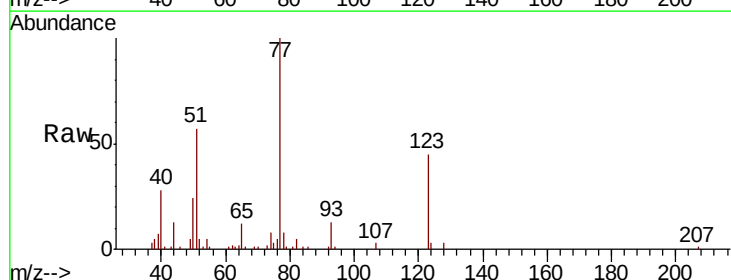
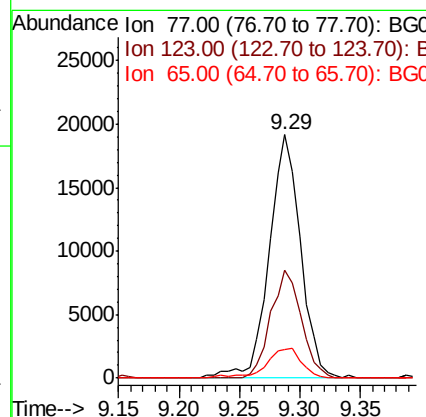
Manual Integrations
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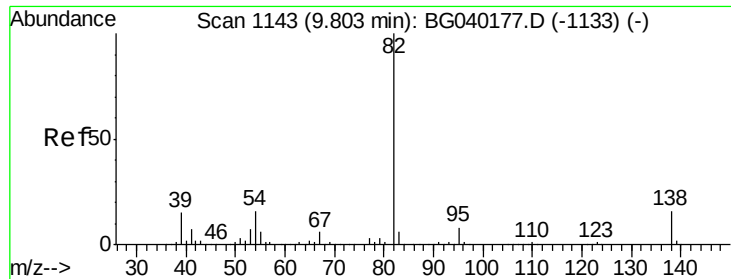
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#24
 Nitrobenzene
 Concen: 8.343 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.8	56.6
65	11.8	12.0	18.0#





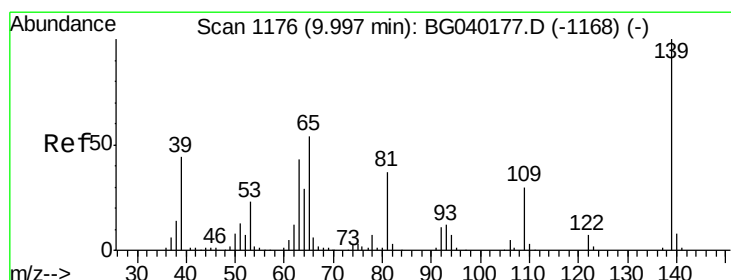
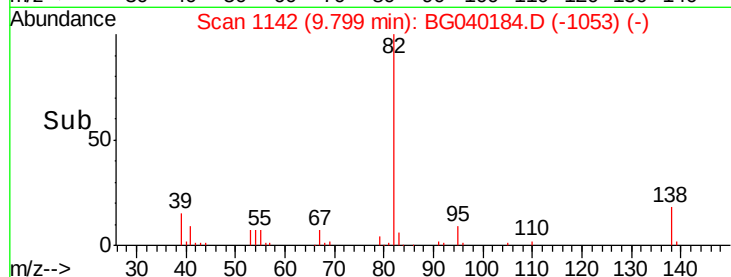
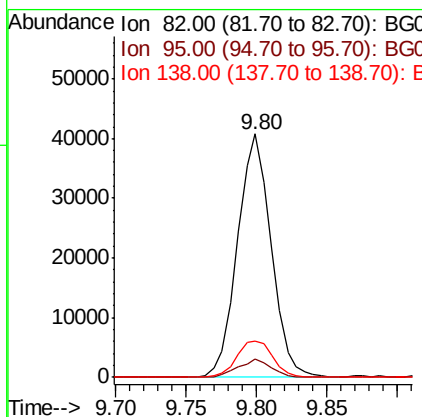
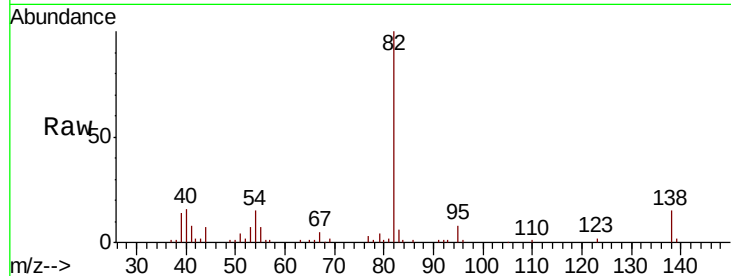
#25
Isophorone
Concen: 8.313 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	82	Resp	67879
Ion Ratio	100	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	15.0	13.2	19.8

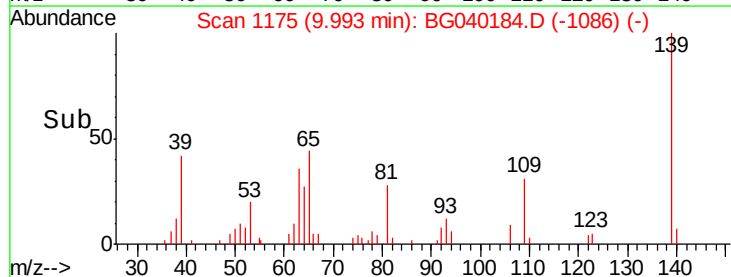
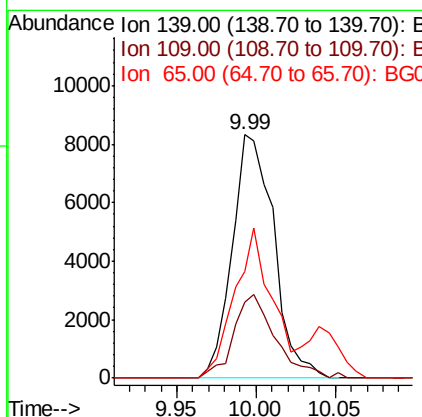
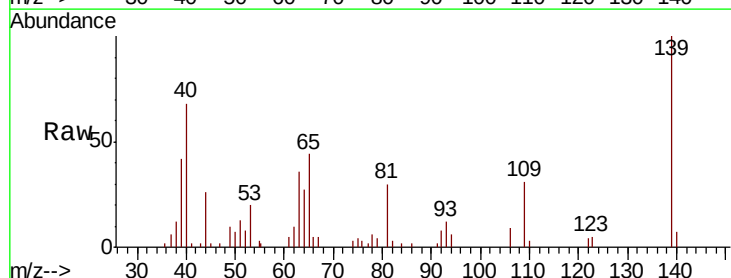
Manual Integrations
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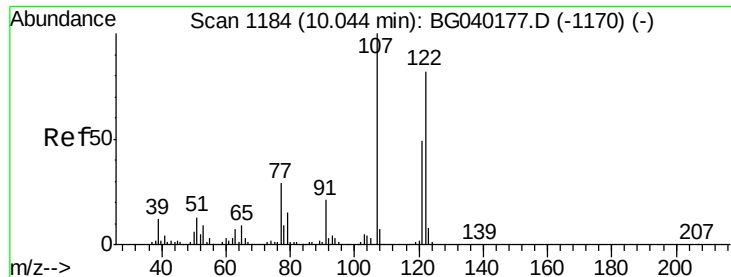
Sohil
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#26
2-Nitrophenol
Concen: 7.795 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	139	Resp	15179
Ion Ratio	100	Lower	Upper
139	100		
109	31.3	24.1	36.1
65	44.0	43.0	64.6





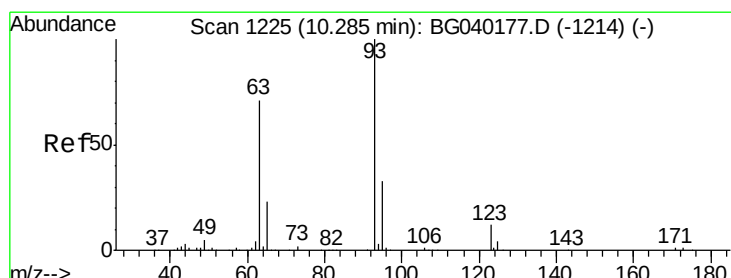
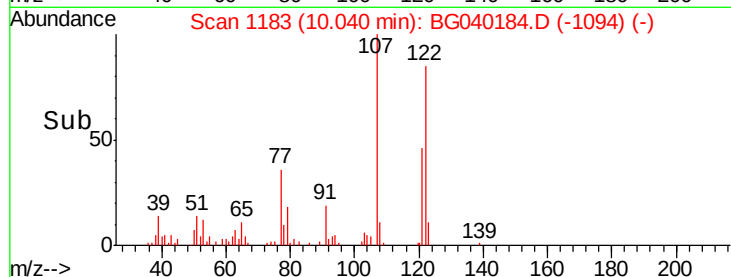
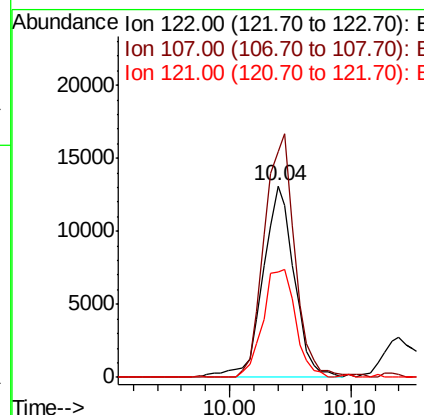
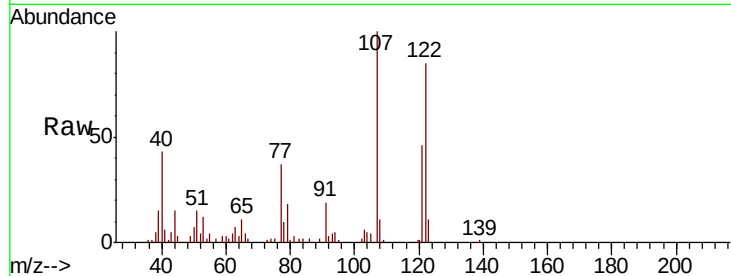
#27
 2,4-Dimethylphenol
 Concen: 7.586 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		23462		
107	118.1	97.4	146.2		
121	54.9	47.7	71.5		

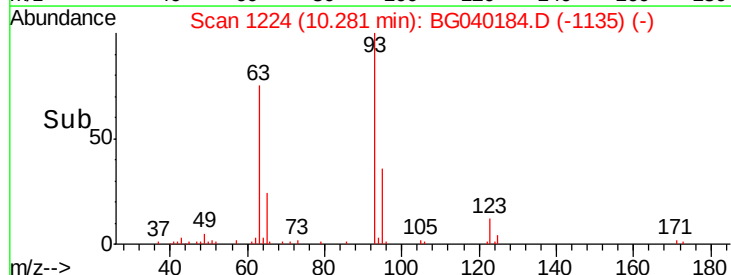
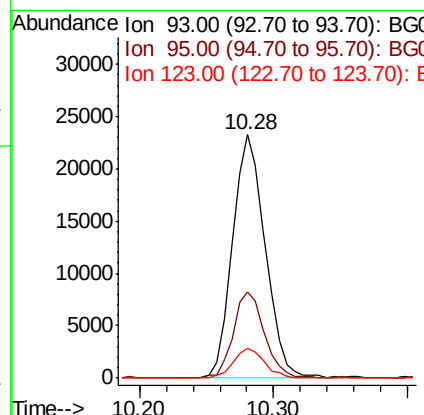
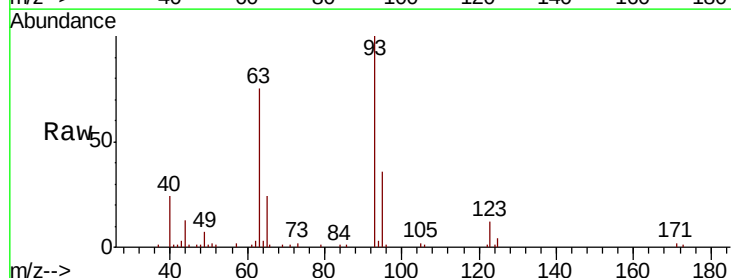
Manual Integrations
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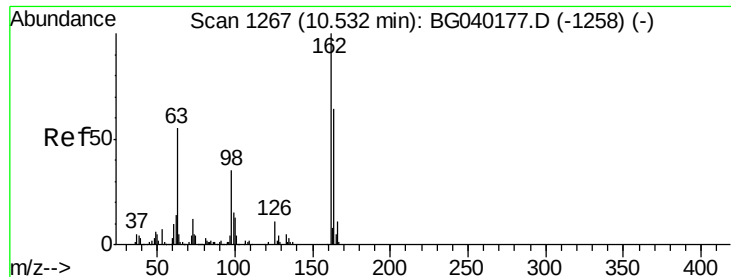
Sohil
 3/29/2019 4:48:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.204 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		39631		
95	35.5	26.2	39.4		
123	12.2	9.4	14.0		





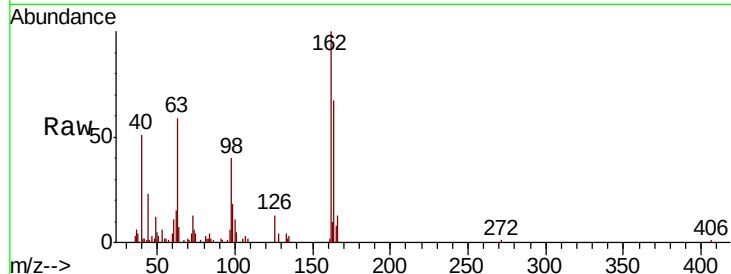
#29
2,4-Dichlorophenol
Concen: 7.659 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	43.9	83.9
98	40.2	15.6	55.6

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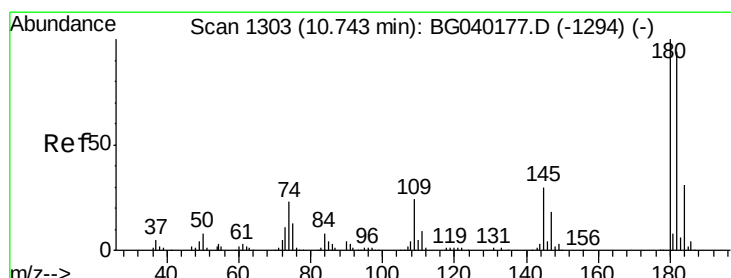
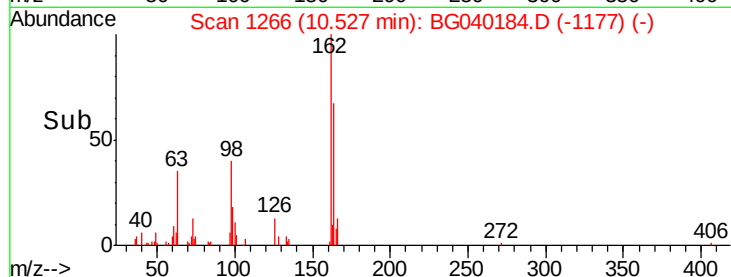
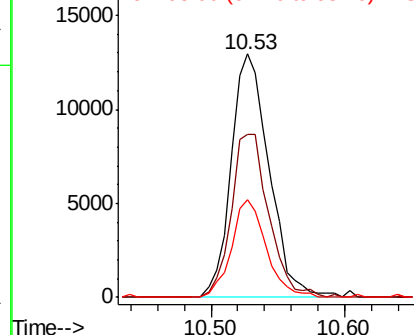


Abundance

Ion 162.00 (161.70 to 162.70): E

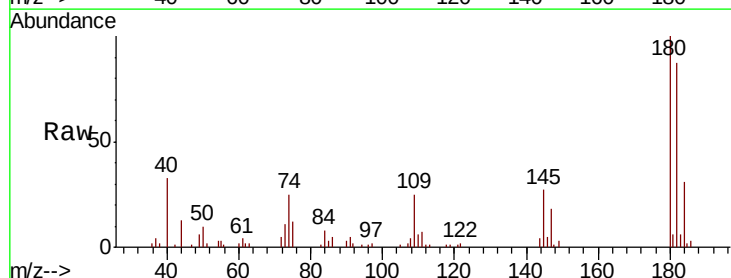
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 8.140 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.0	75.1	112.7
145	26.5	24.1	36.1

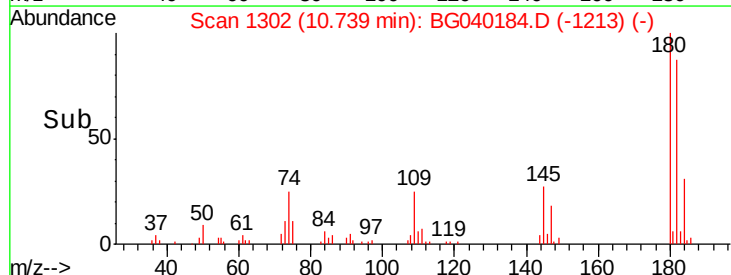
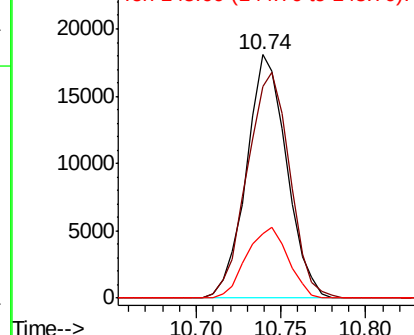


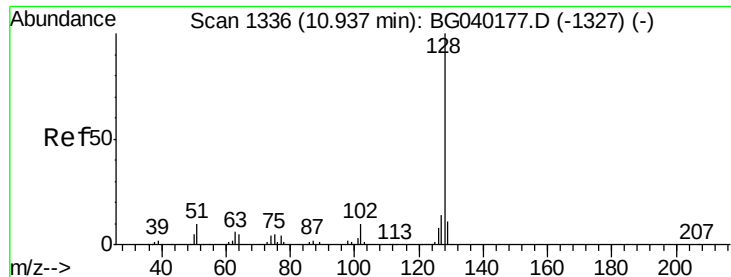
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.698 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

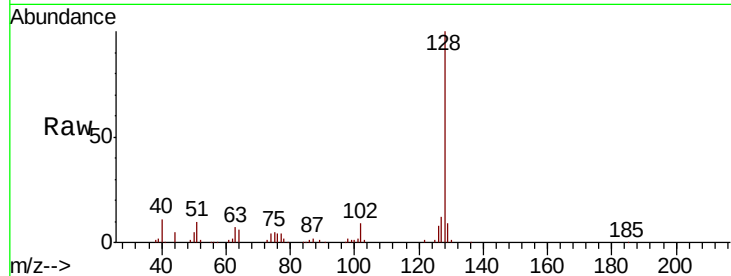
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

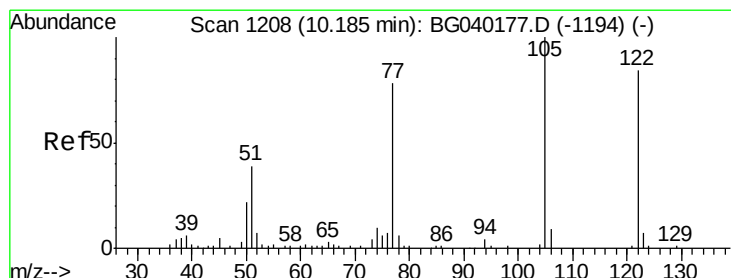
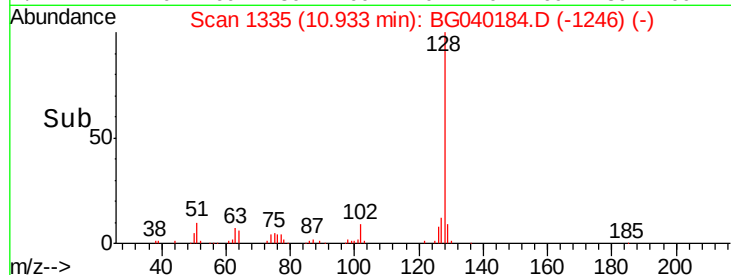
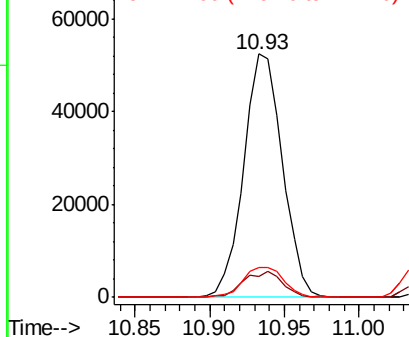
Tot Ion:	128	Resp:	94040
Ion Ratio	Lower	Upper	
128	100		
129	8.8	8.9	13.3#
127	12.5	11.4	17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.309 ng m

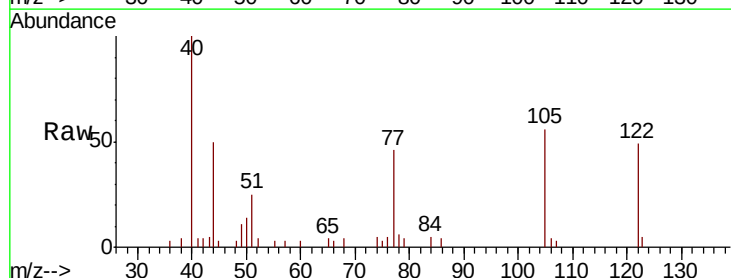
RT: 10.14 min Scan# 1200

Delta R.T. -0.05 min

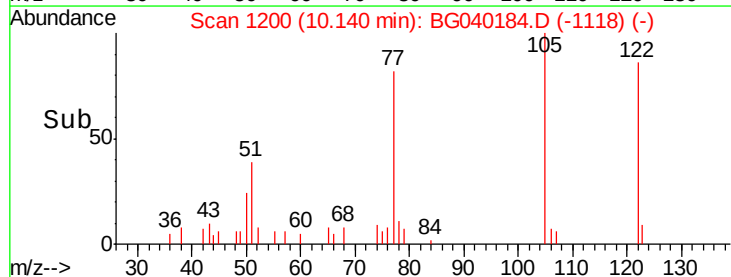
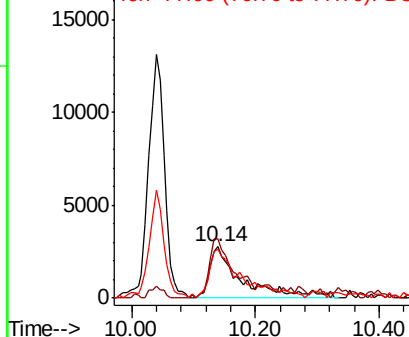
Lab File: BG040184.D

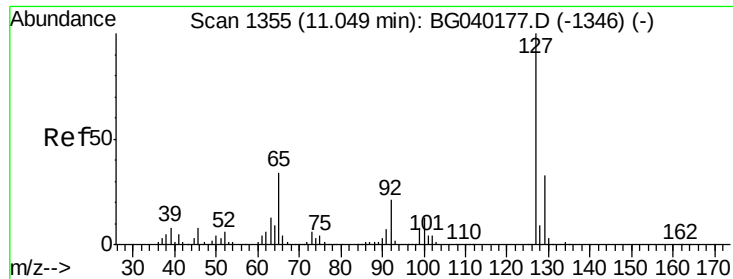
Acq: 27 Mar 2019 23:05

Tgt Ion:	122	Resp:	9922
Ion Ratio	Lower	Upper	
122	100		
105	115.7	98.2	138.2
77	94.7	73.6	113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





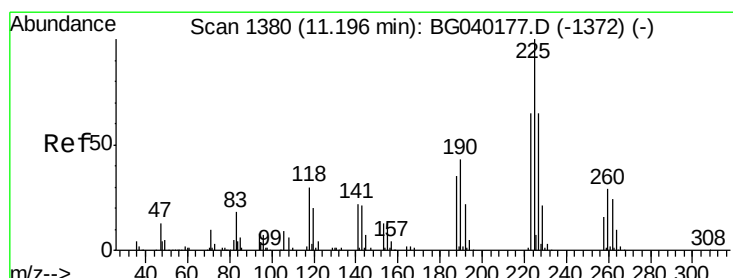
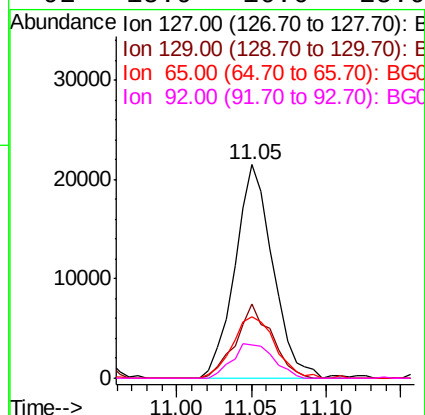
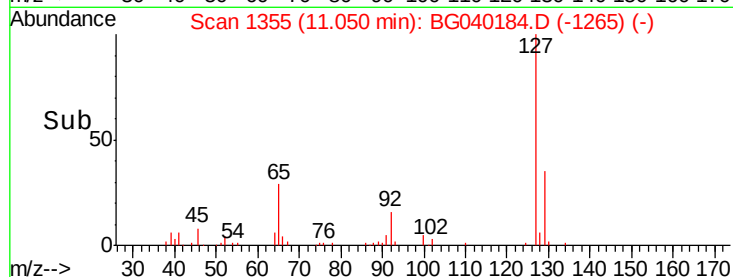
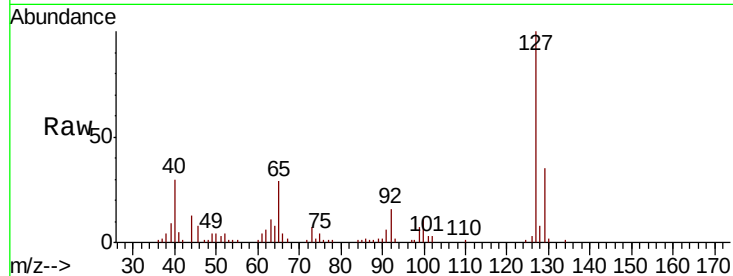
#33
4-Chloroaniline
Concen: 8.245 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.6	40.0
65	28.6	27.0	40.4
92	15.9	16.6	25.0

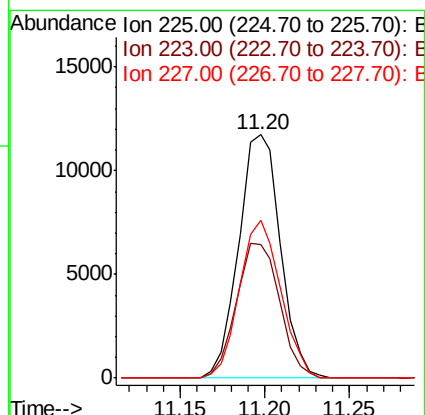
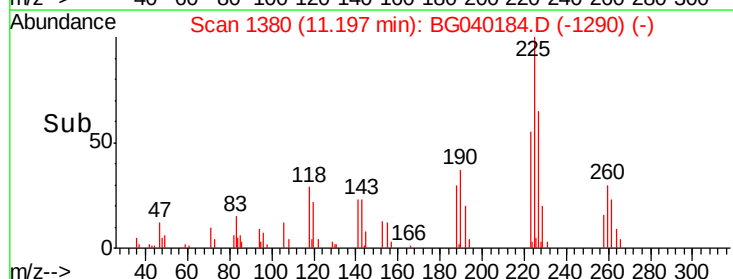
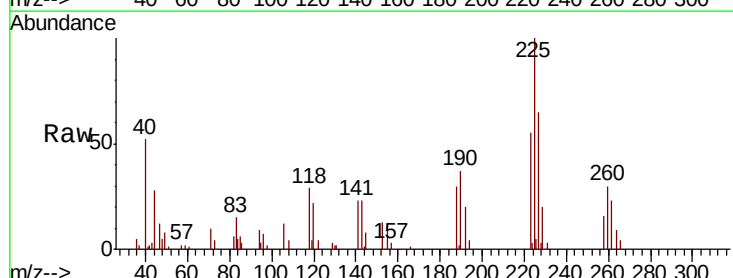
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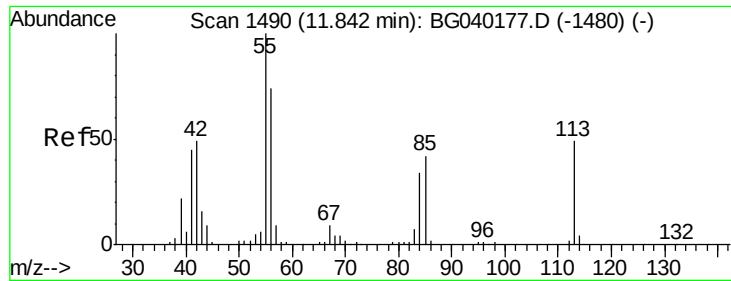
Sohil
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#34
Hexachlorobutadiene
Concen: 8.557 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.5	51.8	77.8
227	64.7	54.9	82.3





#35

Caprolactam

Concen: 7.694 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

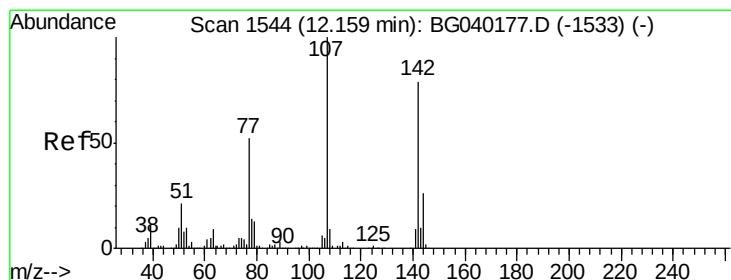
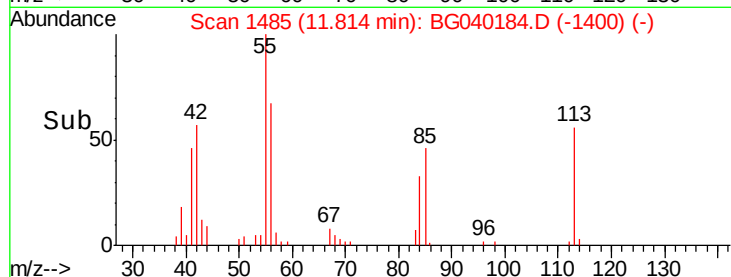
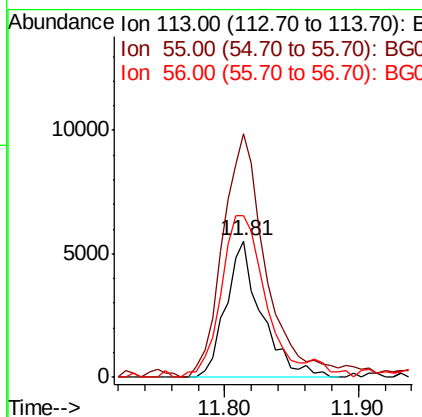
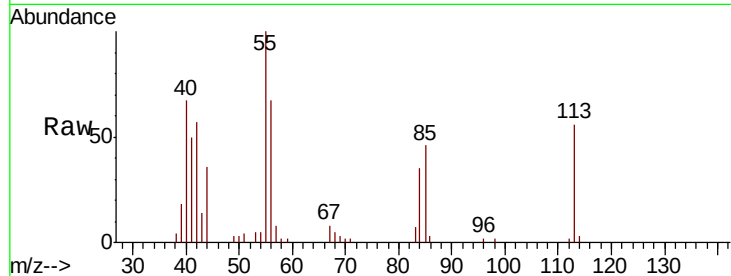
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.6	184.2	224.2#
56	118.9	131.3	171.3#

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#36

4-Chloro-3-methylphenol

Concen: 7.836 ng

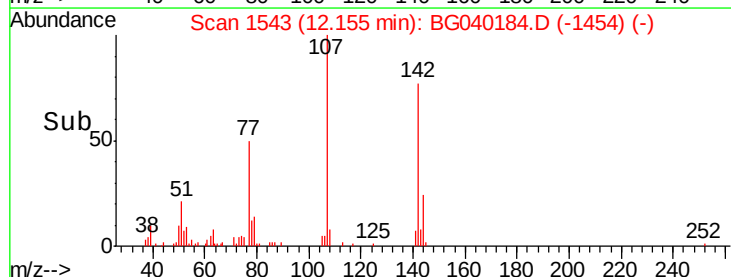
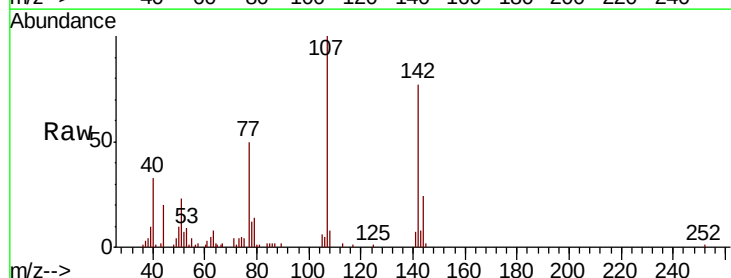
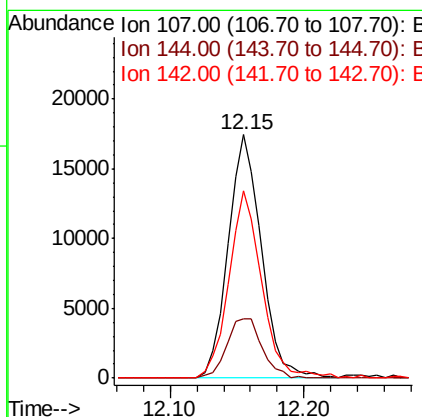
RT: 12.15 min Scan# 1543

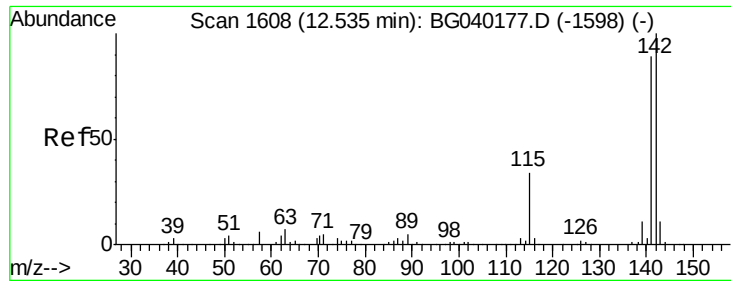
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.5	30.7
142	76.7	63.1	94.7





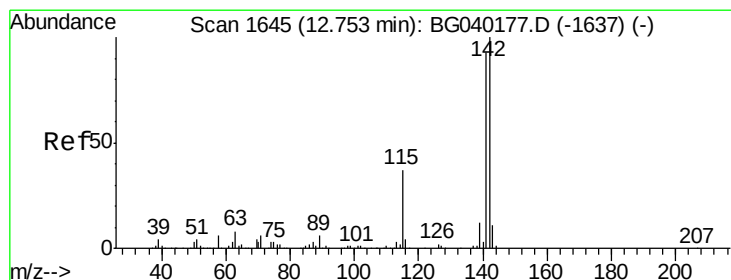
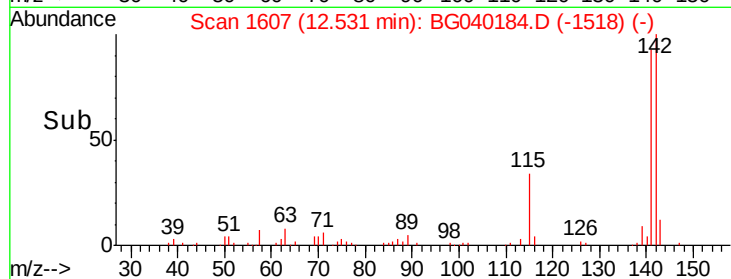
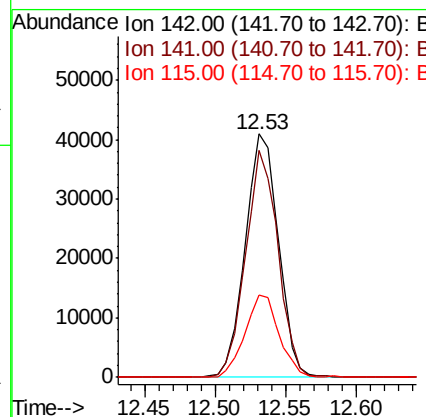
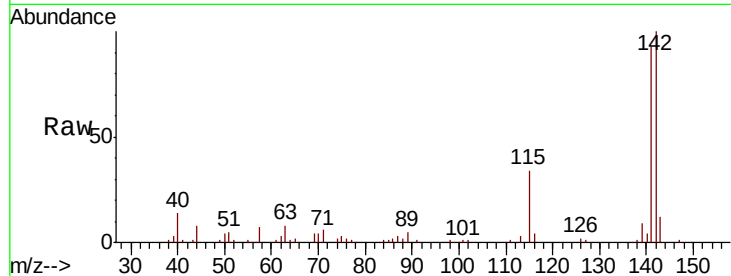
#37
2-Methylnaphthalene
Concen: 8.456 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleID :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.0	106.6
115	33.8	27.3	40.9

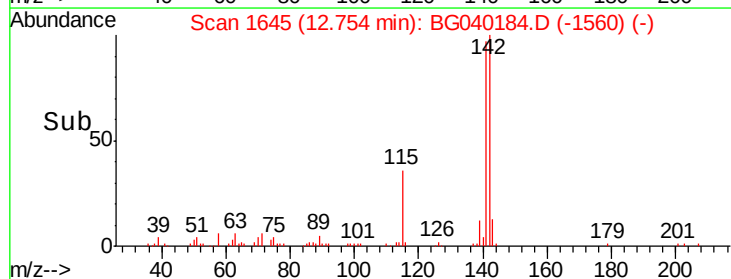
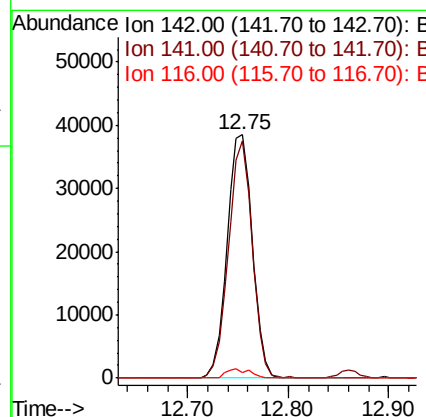
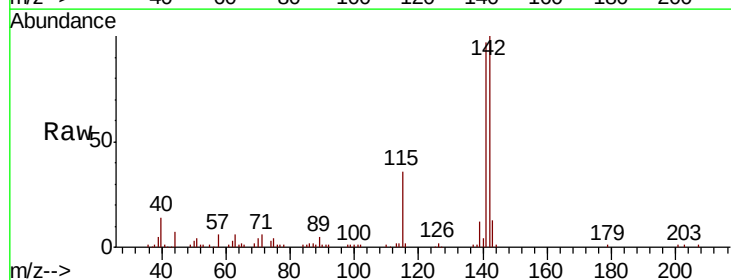
Manual Integrations
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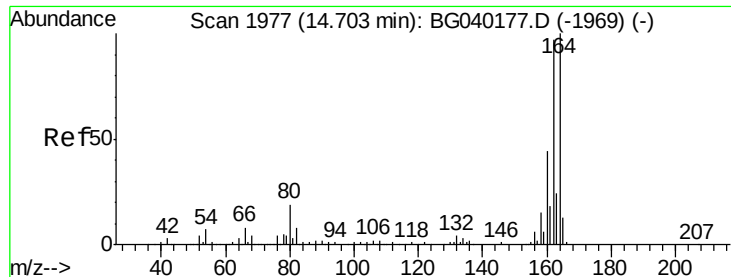
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#38
1-Methylnaphthalene
Concen: 8.630 ng m
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.4	74.2	111.4
116	2.4	3.0	4.4#





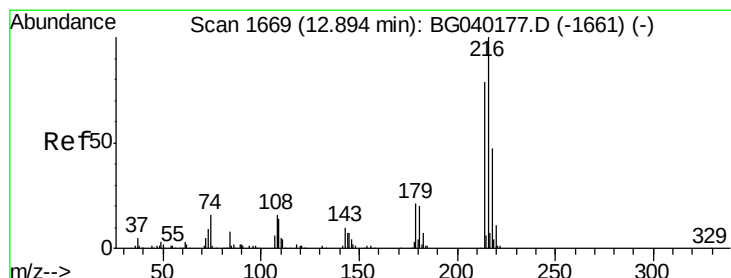
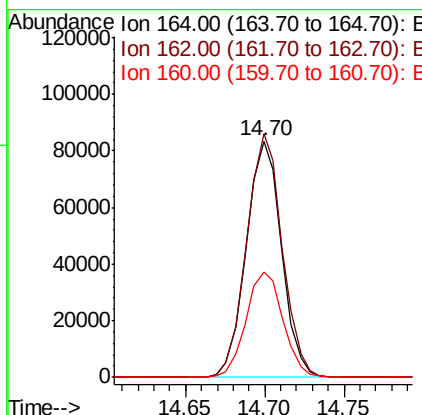
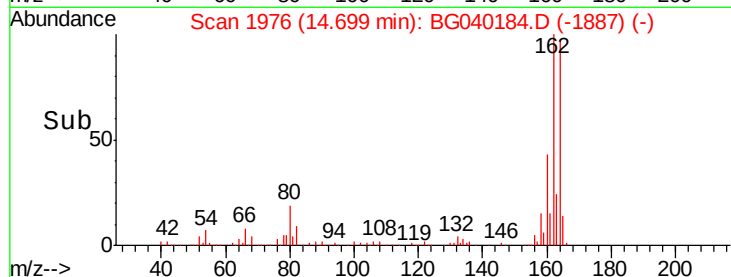
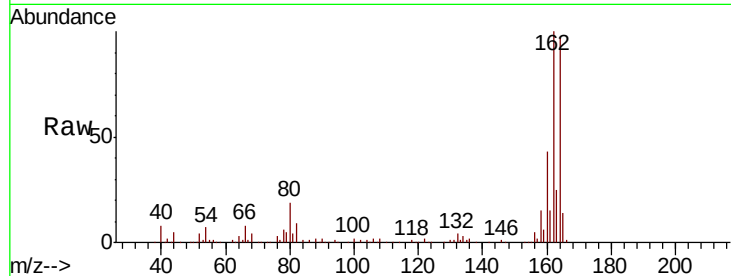
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	77.4	116.2
160	44.5	35.3	52.9

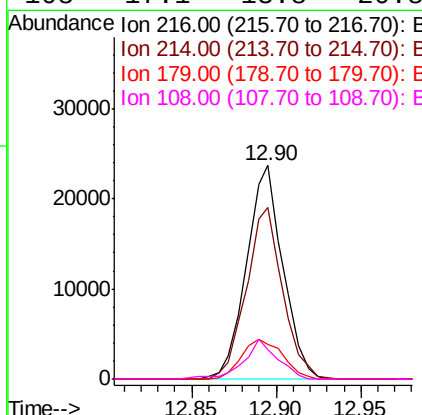
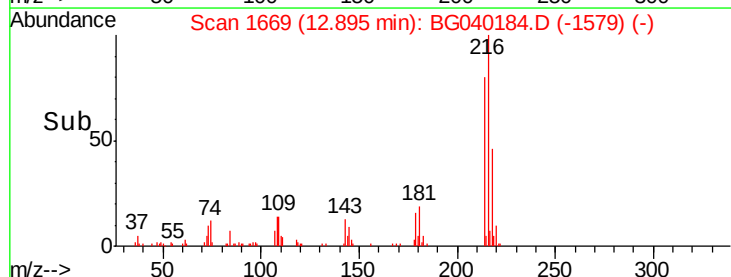
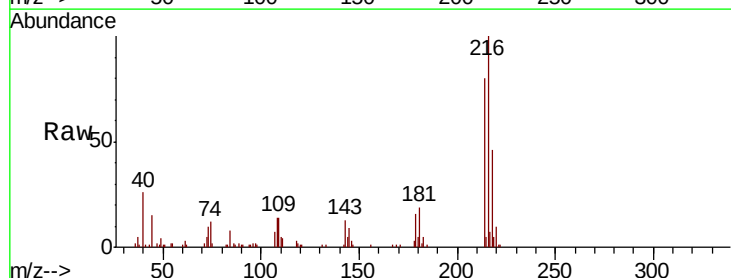
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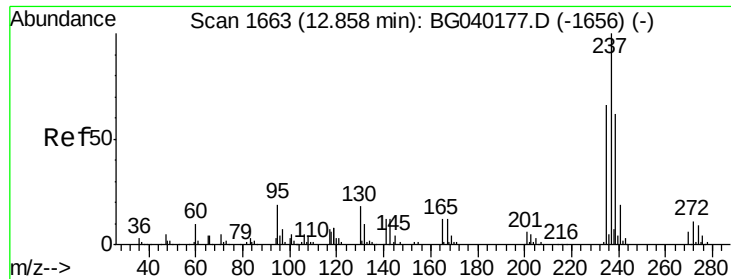
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.617 ng
RT: 12.90 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.5	95.3
179	21.0	16.6	25.0
108	17.1	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 6.729 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

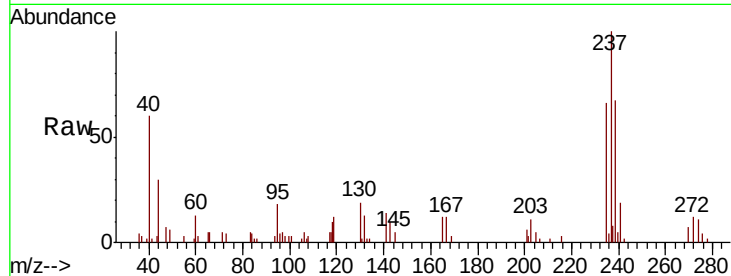
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

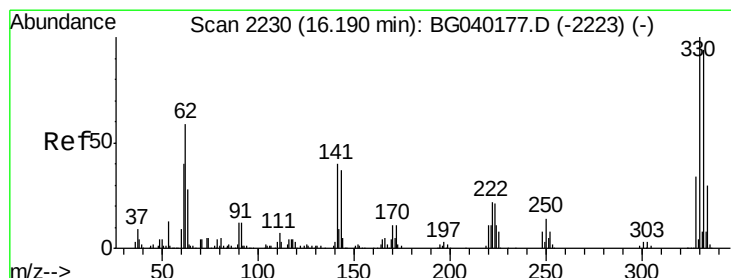
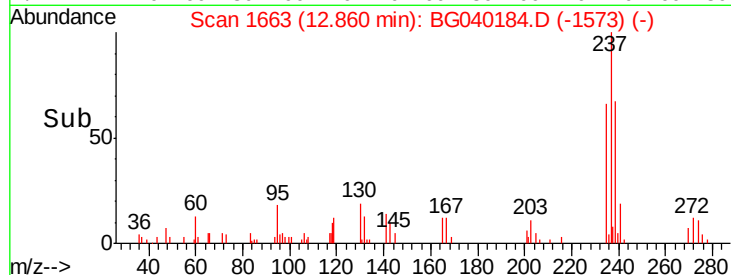
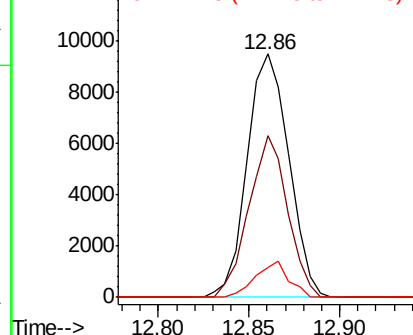
Tot Ion:	237	Resp:	15144
Ion Ratio	Lower	Upper	
237	100		
235	66.3	46.2	86.2
272	12.5	0.0	30.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.302 ng

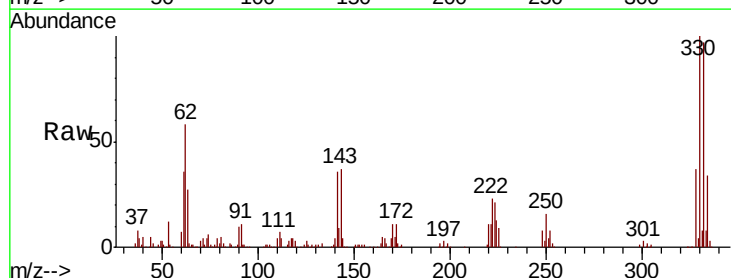
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

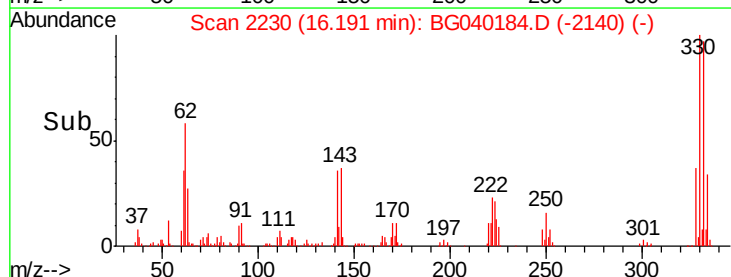
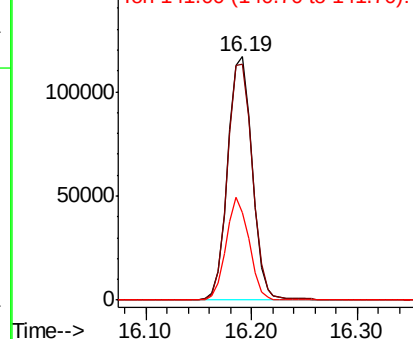
Lab File: BG040184.D

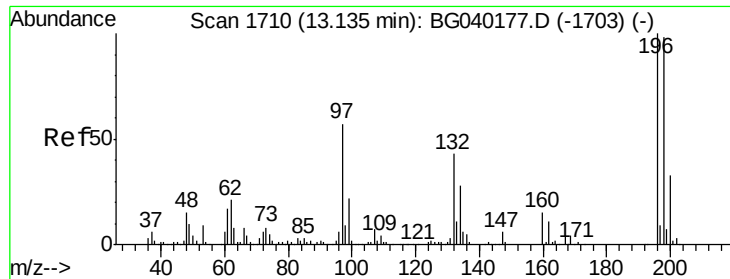
Acq: 27 Mar 2019 23:05

Tgt Ion:	330	Resp:	187182
Ion Ratio	Lower	Upper	
330	100		
332	99.4	76.6	115.0
141	40.0	32.6	48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





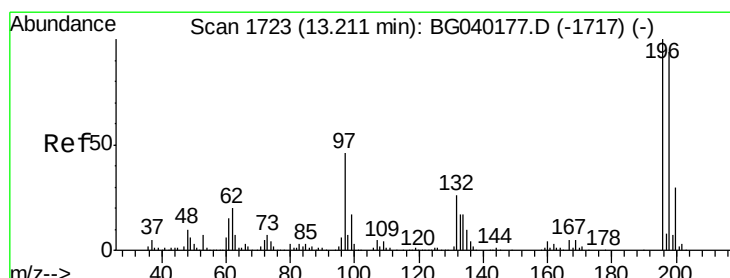
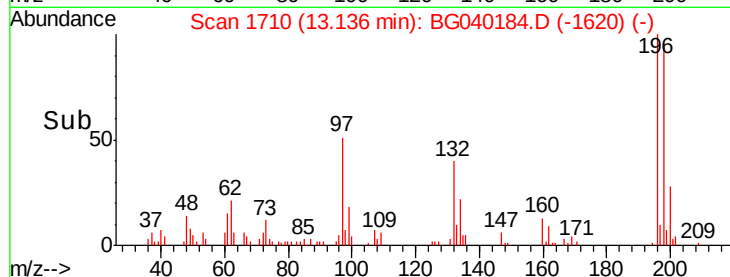
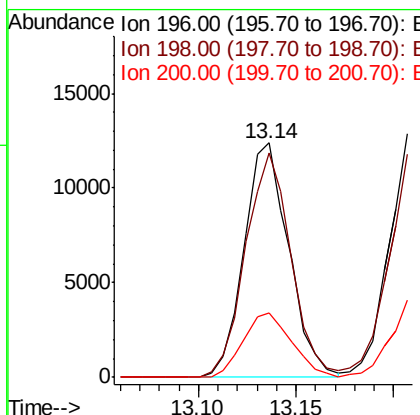
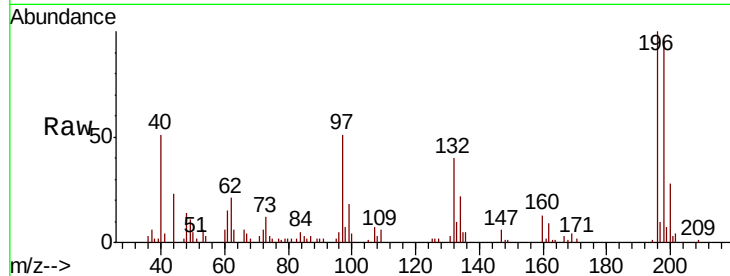
#43
 2,4,6-Trichlorophenol
 Concen: 7.447 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	19679		
198	95.9		78.3	117.5
200	27.6		26.0	39.0

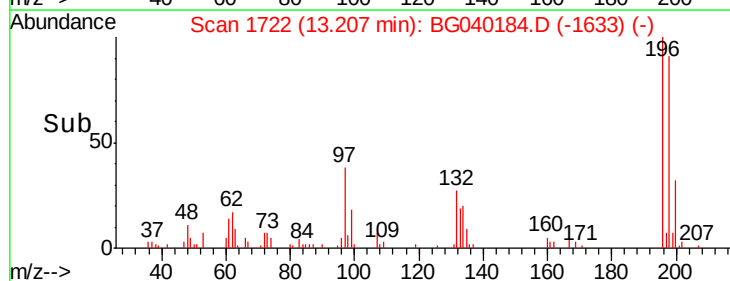
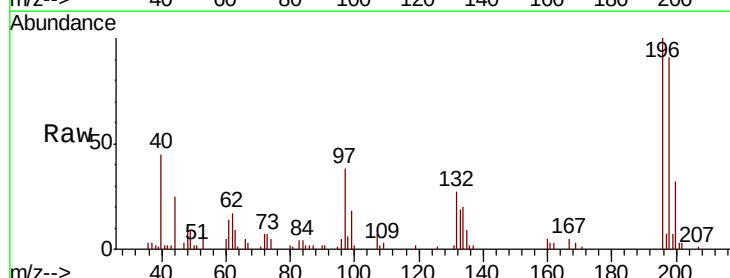
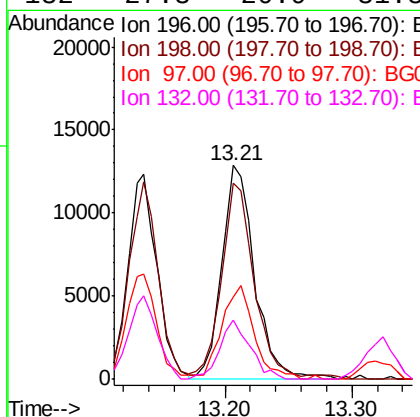
Manual Integrations
 APPROVED

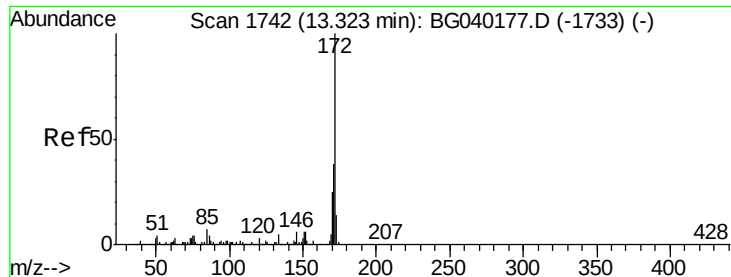
Sohil
 3/29/2019 4:48:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 7.976 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	22975		
198	91.4		75.0	112.6
97	38.2		37.3	55.9
132	27.3		20.9	31.3





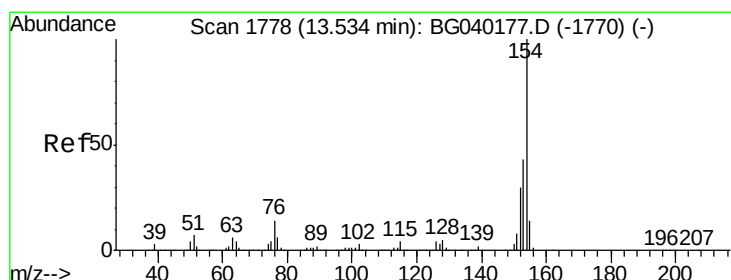
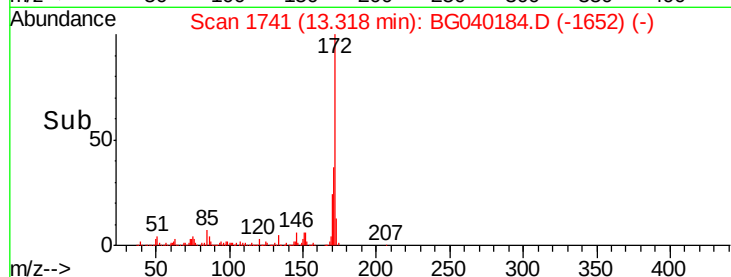
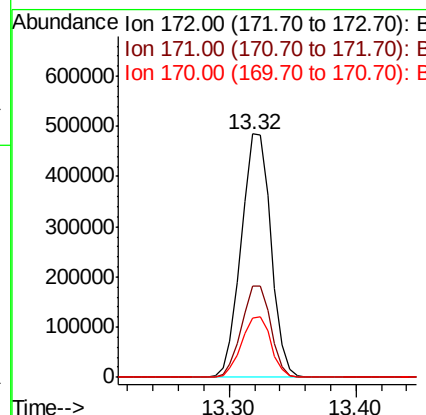
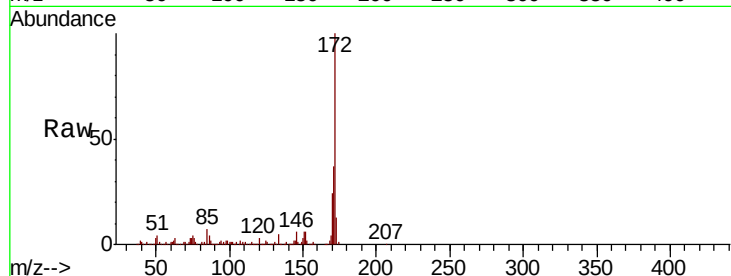
#45
2-Fluorobiphenyl
Concen: 90.209 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.4	20.1	30.1

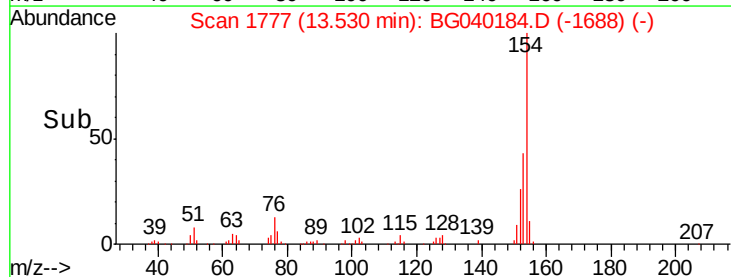
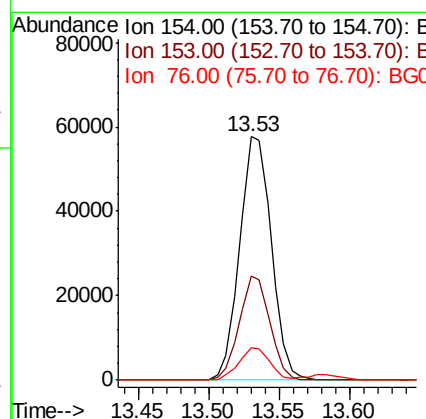
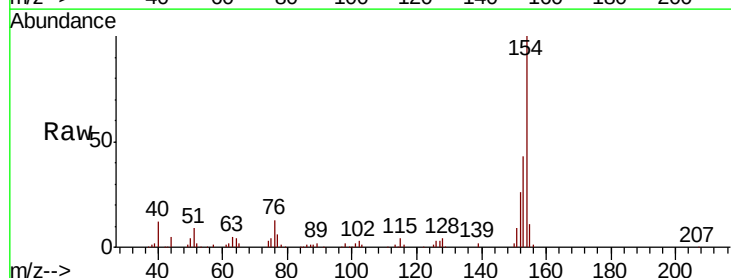
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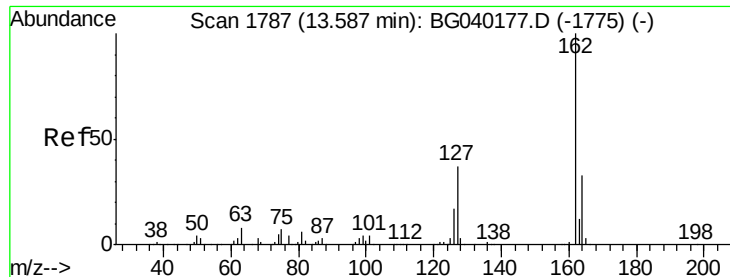
Sohil
3/29/2019 4:48:17 PM



#46
1,1'-Biphenyl
Concen: 8.888 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.5	62.5
76	13.5	0.0	33.7





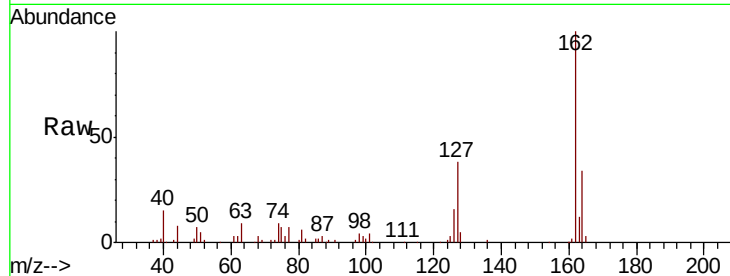
#47
2-Chloronaphthalene
Concen: 8.644 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.6	45.8
164	34.4	26.2	39.4

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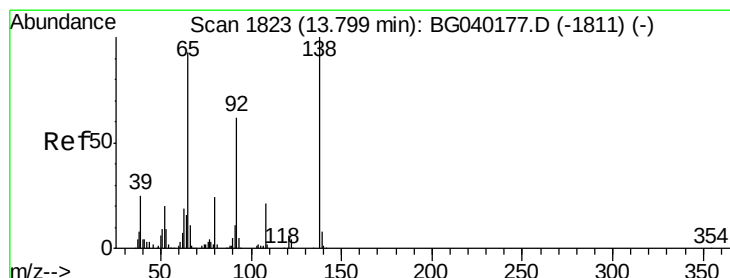
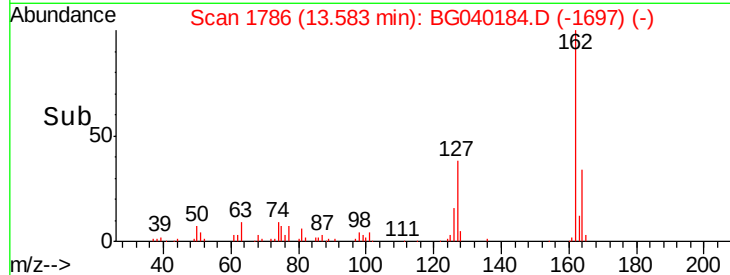
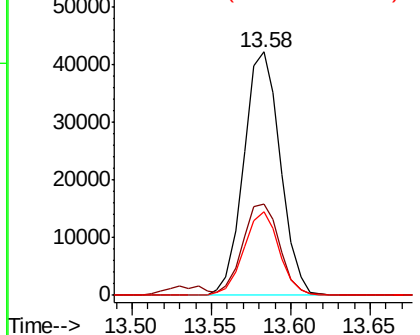


Abundance

Ion 162.00 (161.70 to 162.70): E

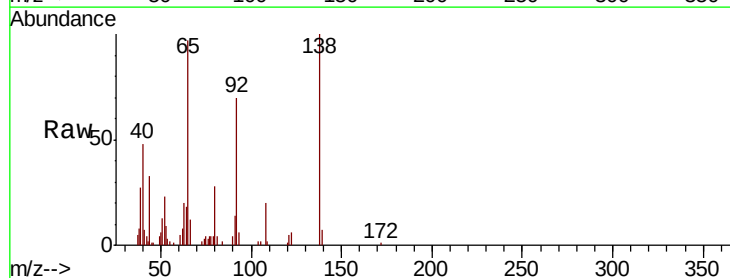
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 7.792 ng
RT: 13.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	53.8	80.6
138	103.4	86.3	129.5

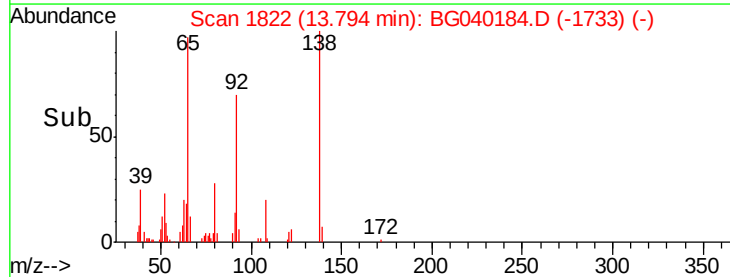
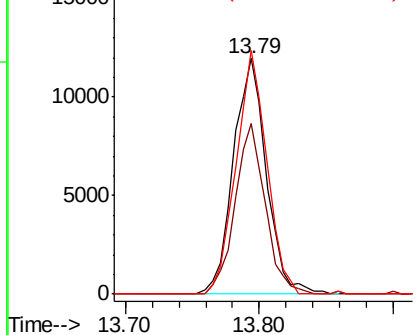


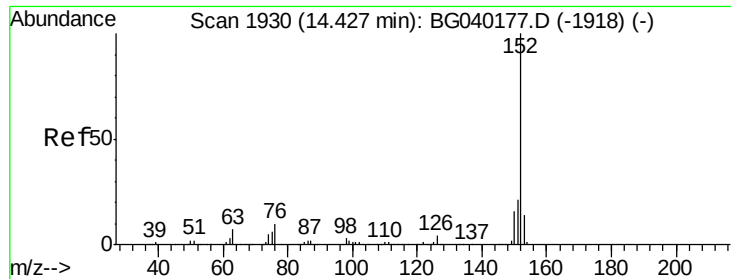
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.795 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

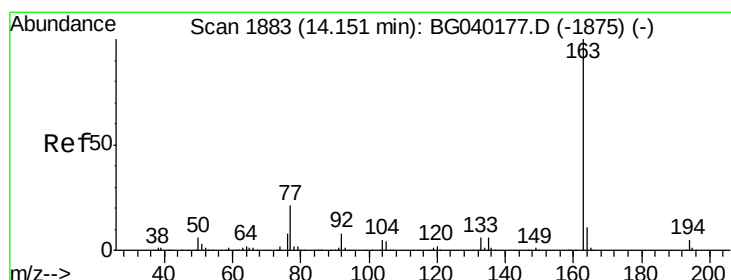
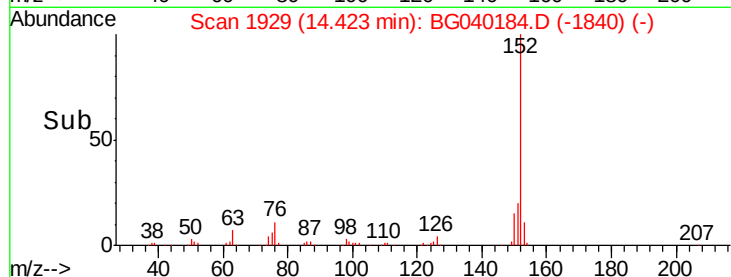
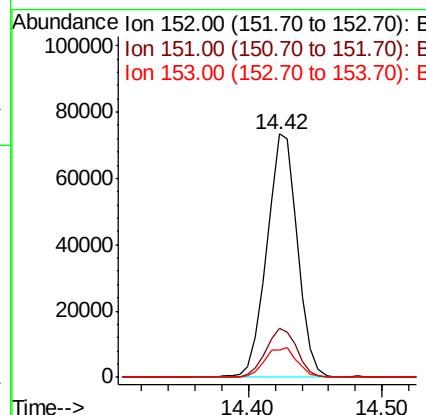
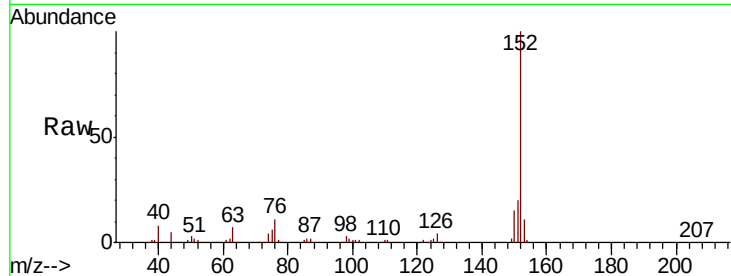
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	152	Resp:	116556
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.0	25.6
153	11.4	10.8	16.2

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#50

Dimethylphthalate

Concen: 8.657 ng

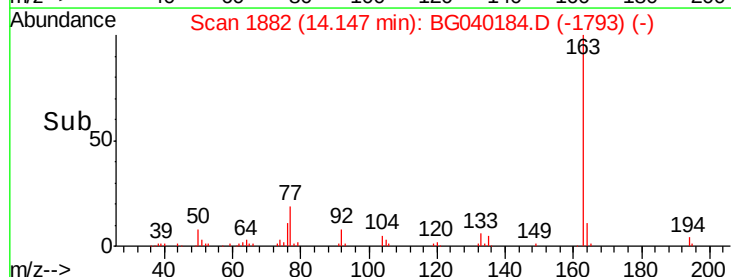
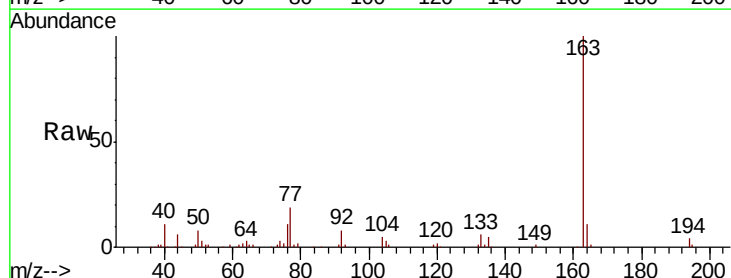
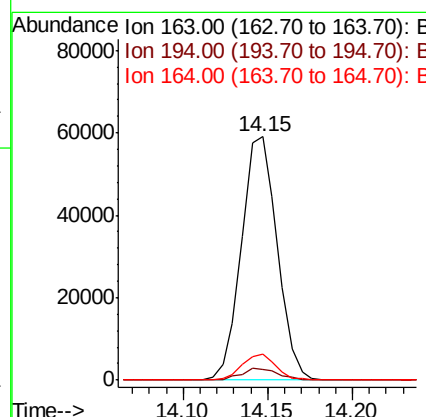
RT: 14.15 min Scan# 1882

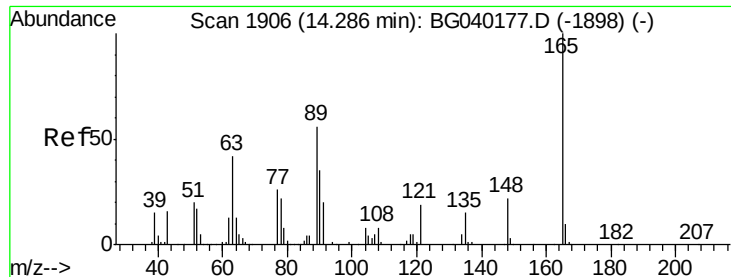
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	163	Resp:	87372
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.1	6.1
164	10.6	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 8.001 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

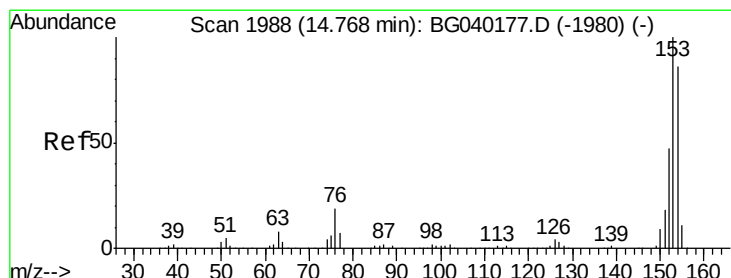
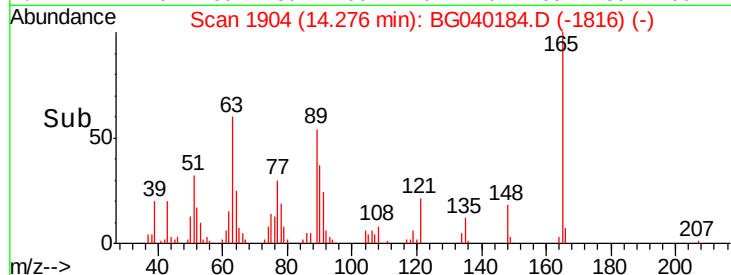
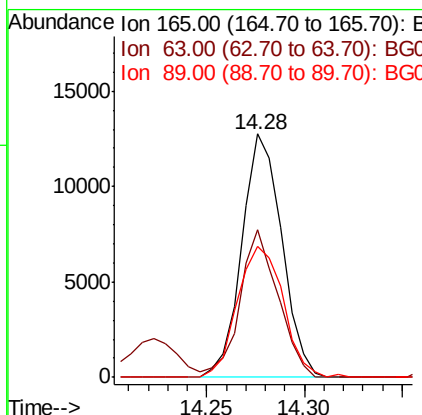
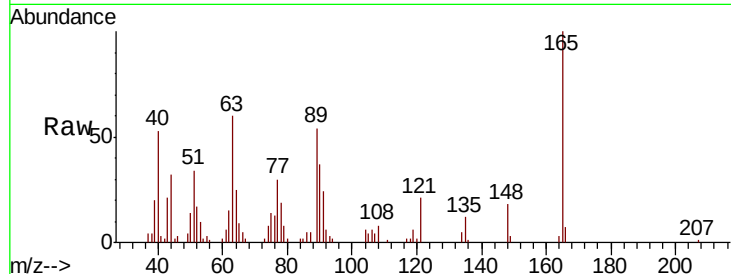
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	165	Resp:	18133
Ion Ratio	Lower	Upper	
165	100		
63	60.4	44.1	66.1
89	53.6	44.9	67.3

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#52

Acenaphthene

Concen: 8.531 ng

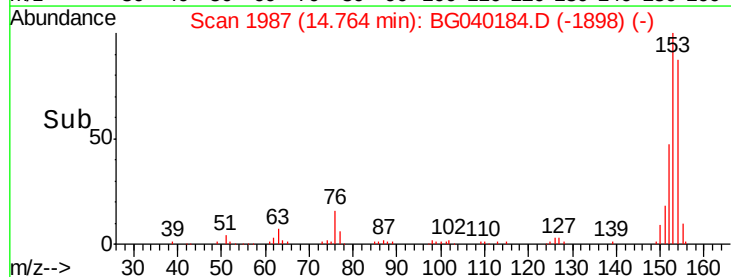
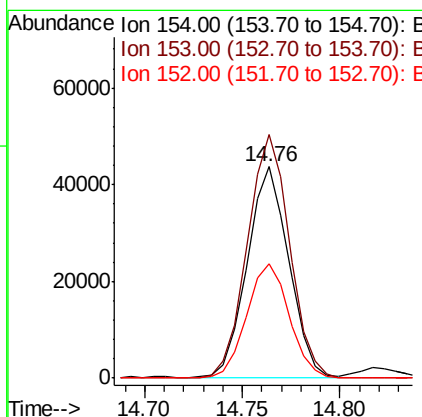
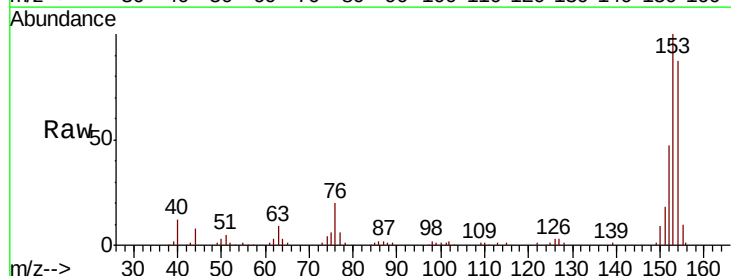
RT: 14.76 min Scan# 1987

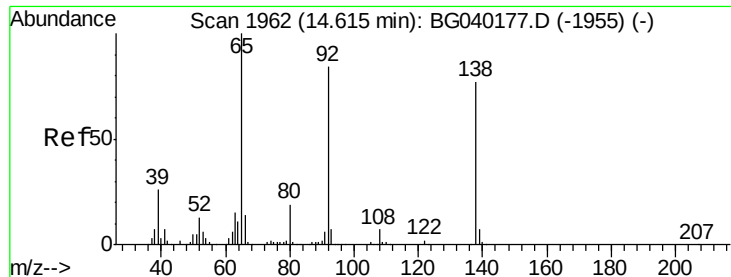
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	154	Resp:	64784
Ion Ratio	Lower	Upper	
154	100		
153	115.1	92.8	139.2
152	54.2	43.4	65.2





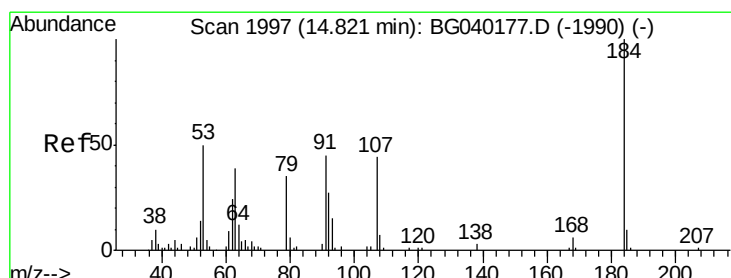
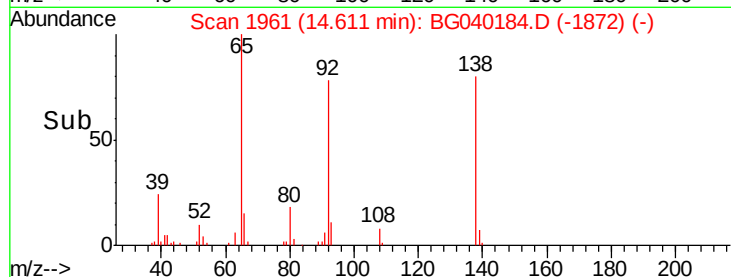
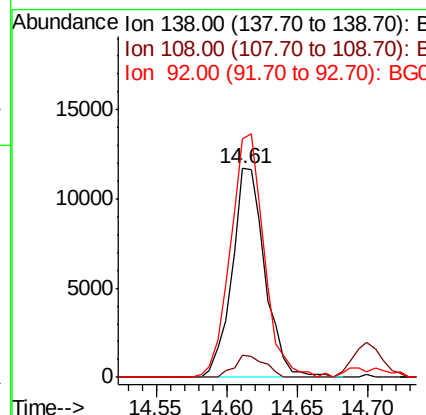
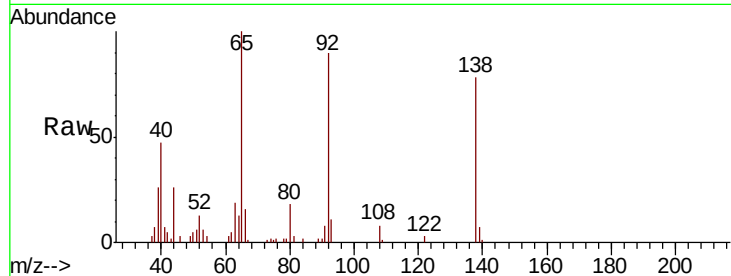
#53
3-Nitroaniline
Concen: 7.939 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.8
92	114.4	87.5	131.3

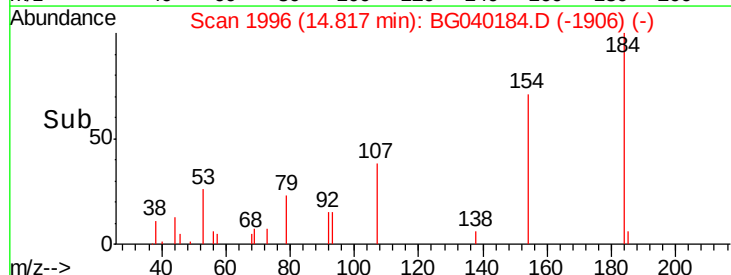
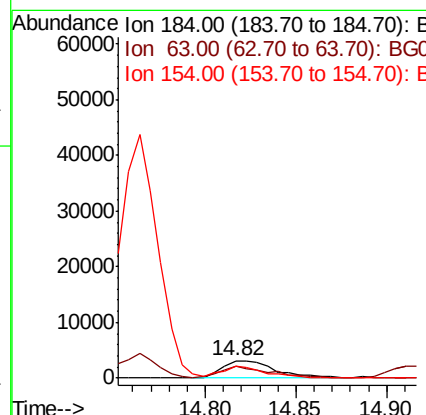
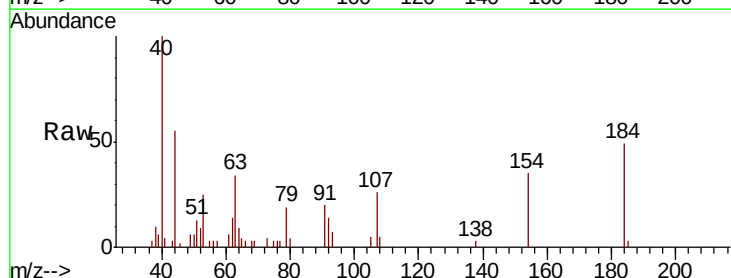
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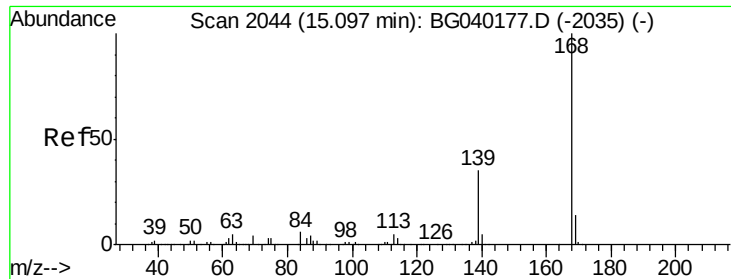
Sohil
3/29/2019 4:48:17 PM



#54
2,4-Dinitrophenol
Concen: 5.156 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	51.8	77.8
154	71.1	50.9	76.3





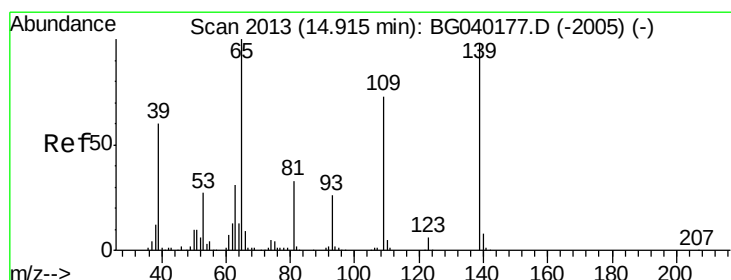
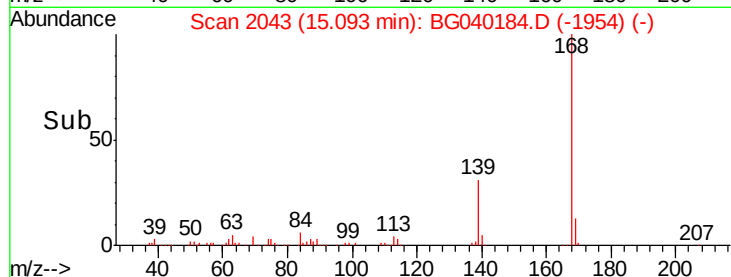
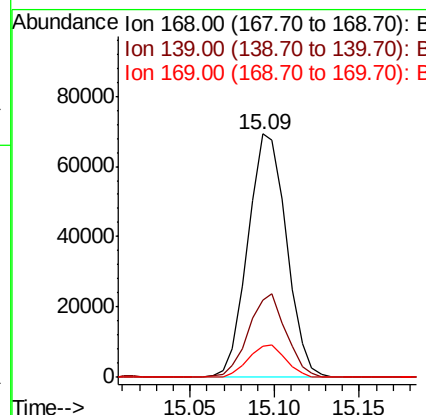
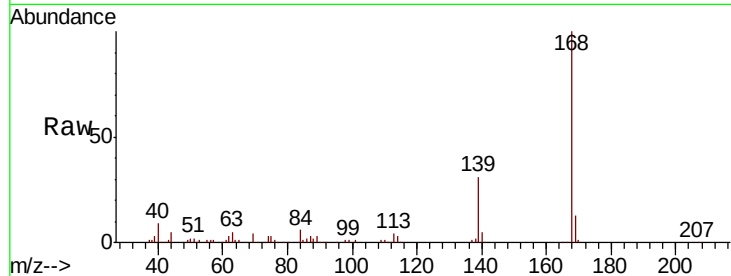
#55
Dibenzenofuran
Concen: 9.022 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	31.5	27.9	41.9
169	12.6	11.3	16.9

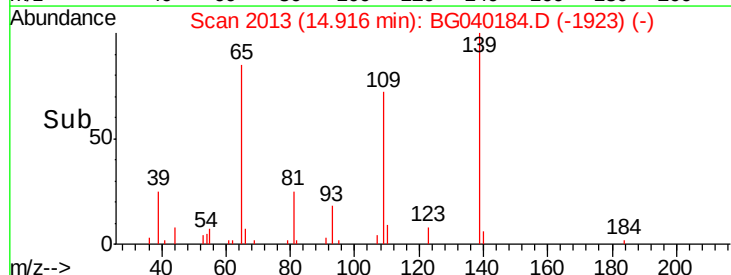
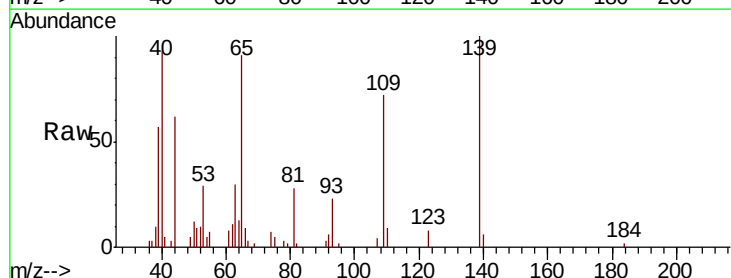
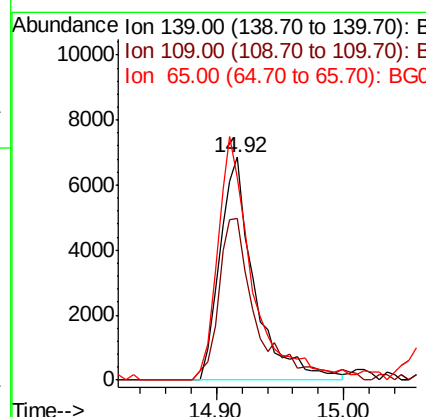
Manual Integrations
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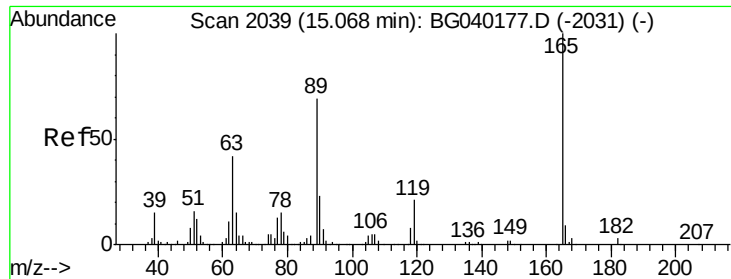
Sohil
3/29/2019 4:48:17 PM



#56
4-Nitrophenol
Concen: 6.700 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.4	54.3	94.3
65	90.9	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 7.706 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

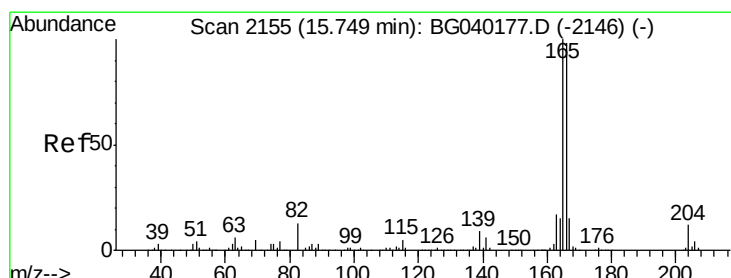
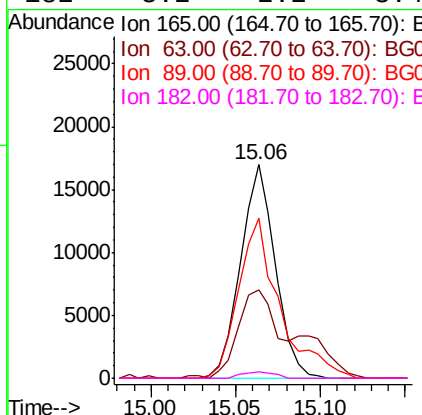
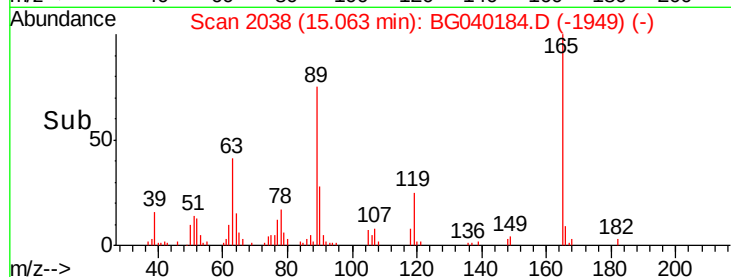
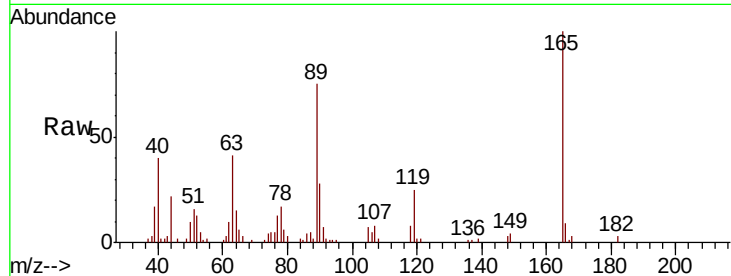
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	33.8	50.6
89	75.2	55.4	83.2
182	3.2	2.2	3.4

Manual Integrations
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#58

Fluorene

Concen: 8.941 ng

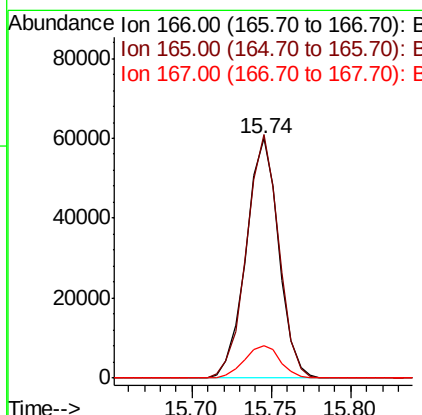
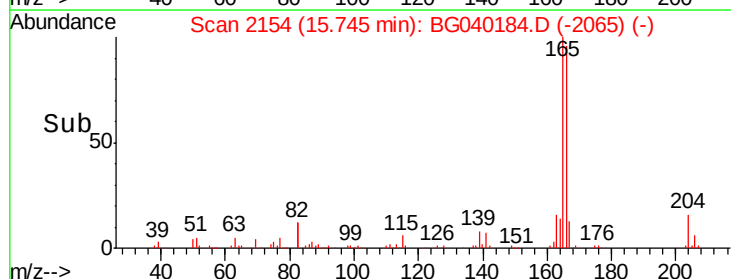
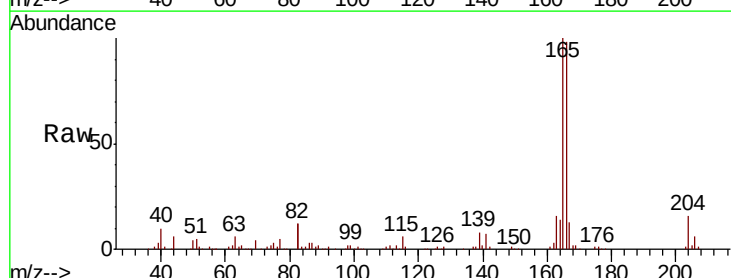
RT: 15.74 min Scan# 2154

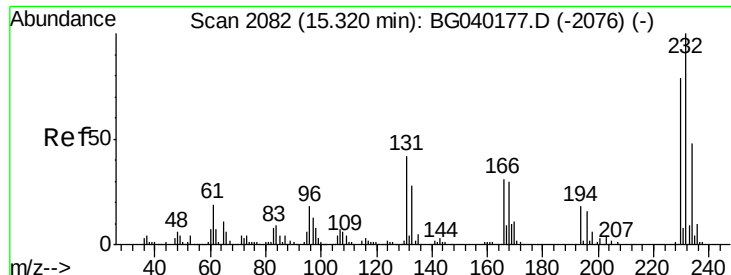
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.7	122.5
167	13.7	11.9	17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.896 ng/mL

RT: 15.32 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

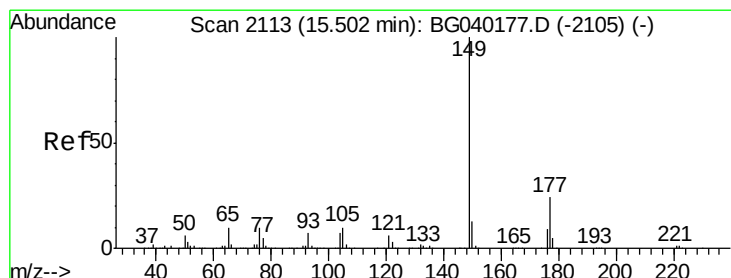
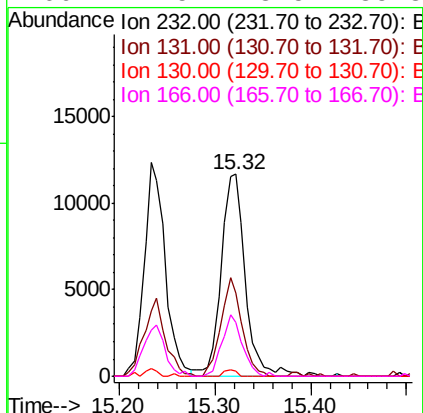
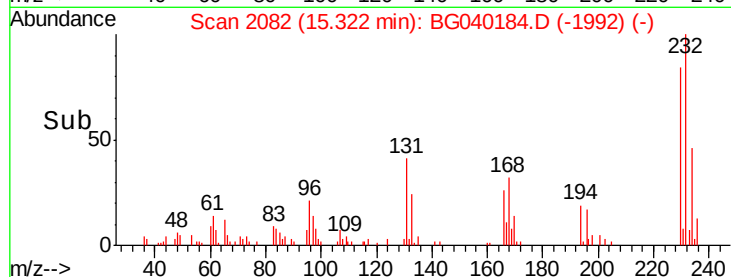
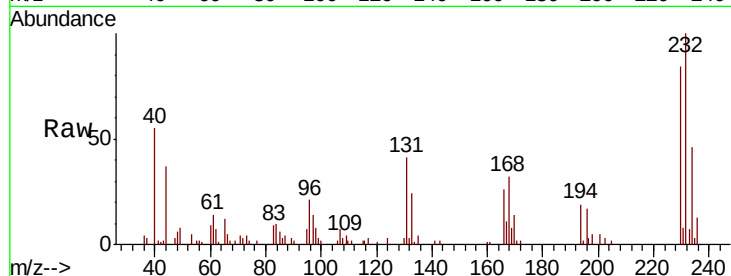
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	20639		
131	33.4		32.9	49.3
130	2.1		1.8	2.8
166	22.5		23.5	35.3#

Manual Integrations
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Sohil
3/29/2019 4:48:17 PM



#60

Diethylphthalate

Concen: 8.783 ng/mL

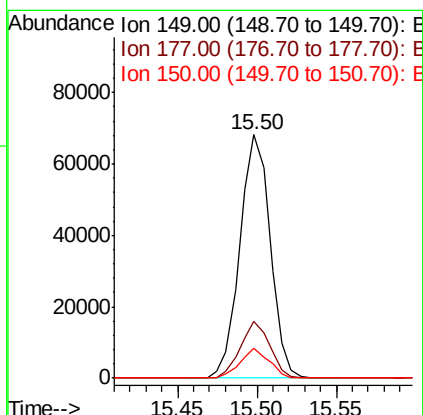
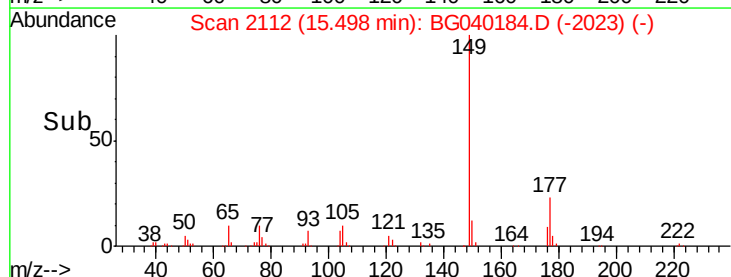
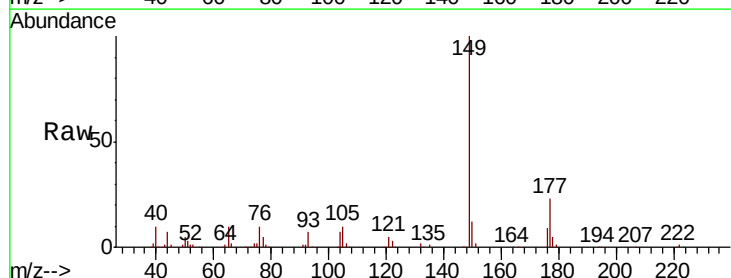
RT: 15.50 min Scan# 2112

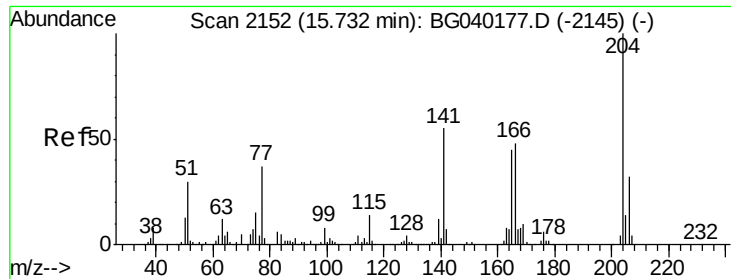
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	90715		
177	23.4		19.1	28.7
150	12.5		10.6	15.8





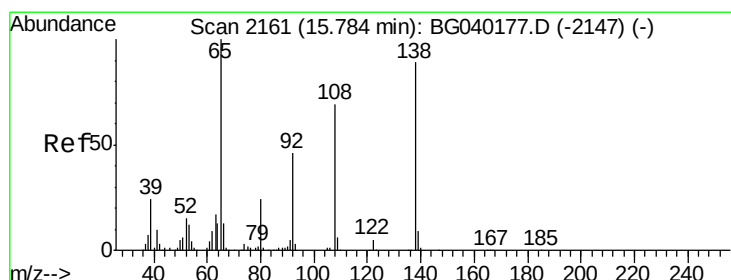
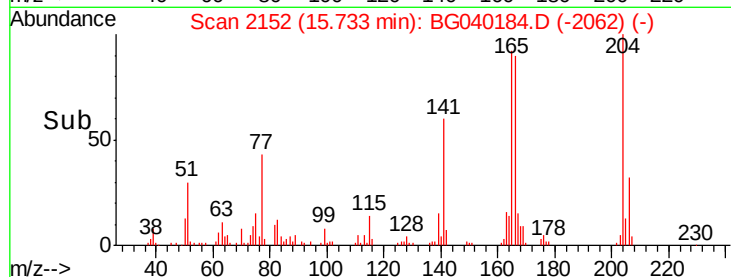
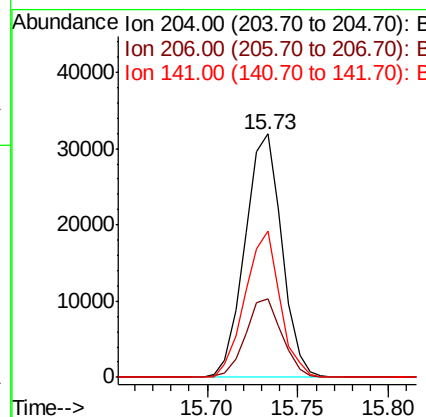
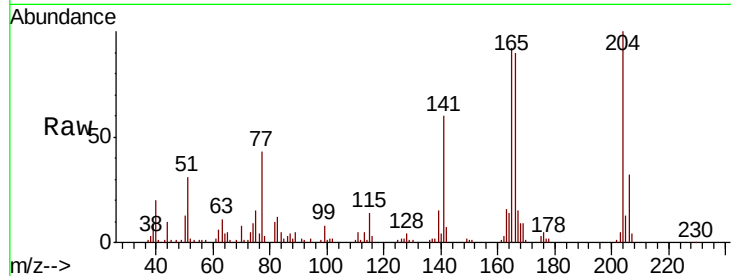
#61
4-Chlorophenyl-phenylether
Concen: 8.785 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.7	38.5
141	60.0	44.0	66.0

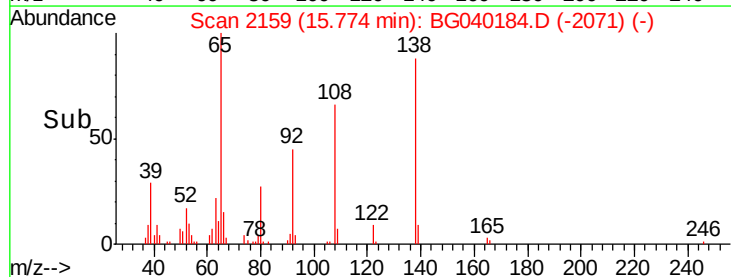
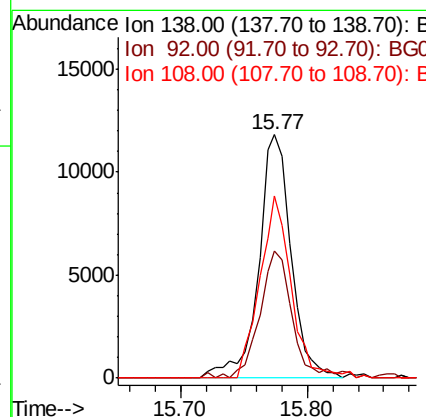
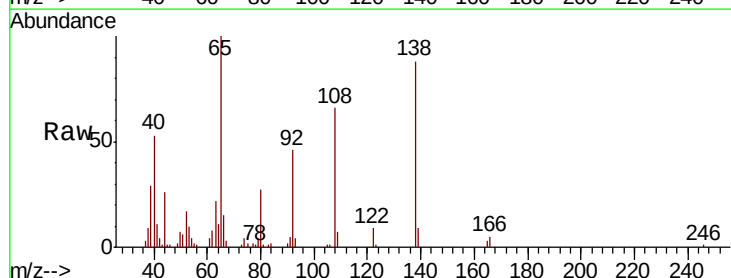
Manual Integrations
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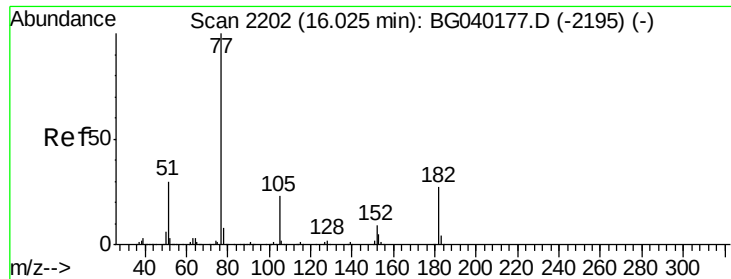
Sohil
3/29/2019 4:48:17 PM



#62
4-Nitroaniline
Concen: 8.175 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	31.8	71.8
108	74.9	57.2	97.2





#63

Azobenzene

Concen: 8.814 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

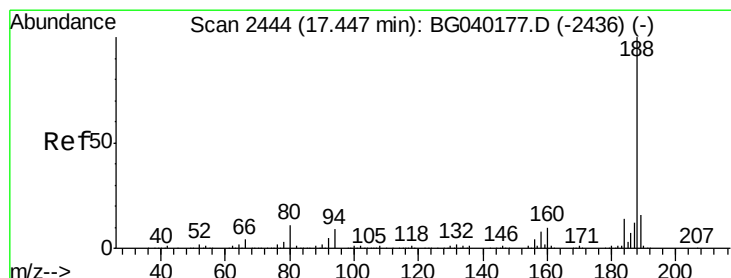
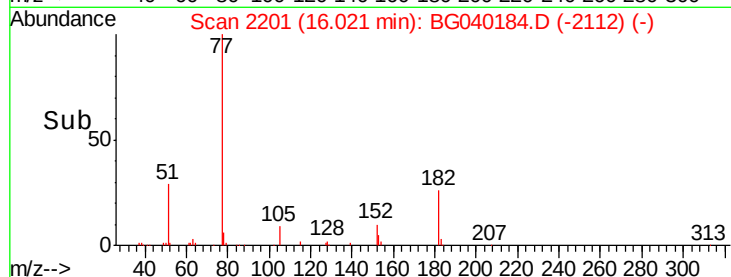
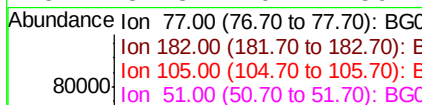
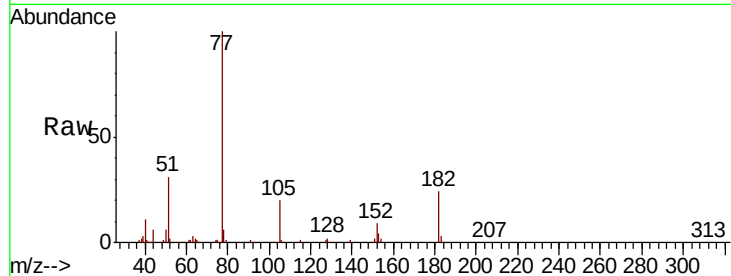
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	77	Resp:	85864
Ion Ratio	Lower	Upper	
77	100		
182	24.3	7.2	47.2
105	19.9	2.8	42.8
51	31.3	10.4	50.4

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

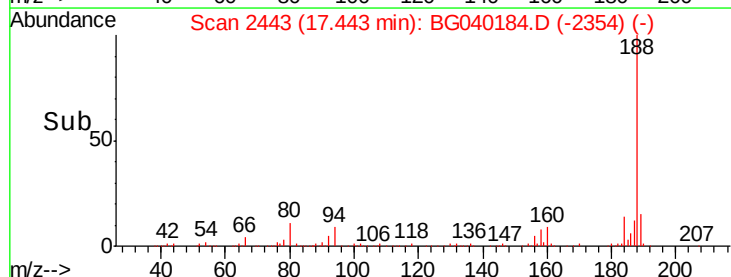
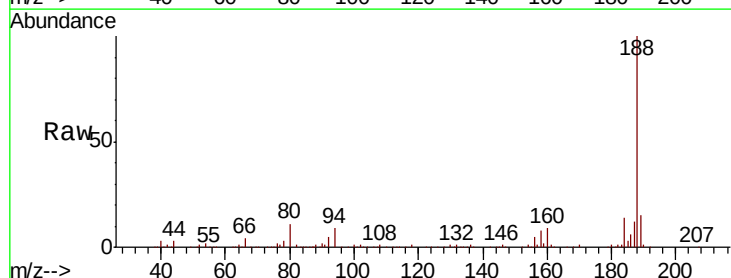
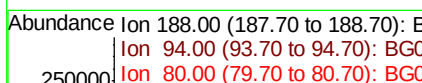
RT: 17.44 min Scan# 2443

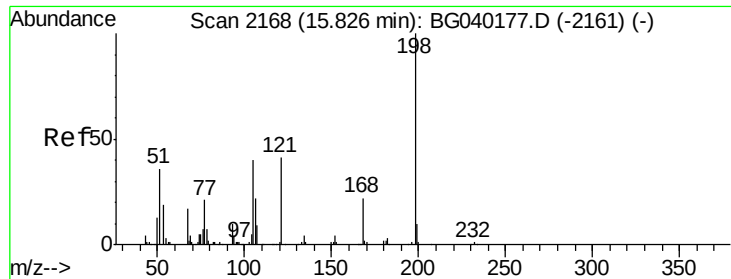
Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	188	Resp:	307682
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.0	10.4
80	10.6	8.6	13.0





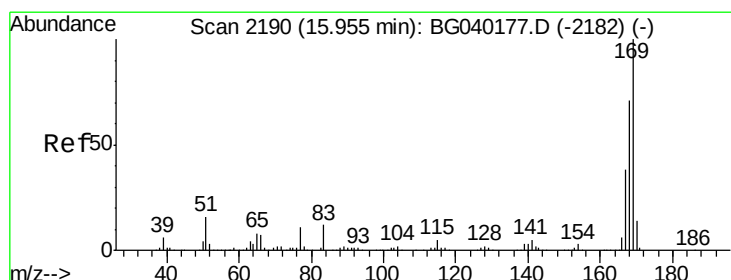
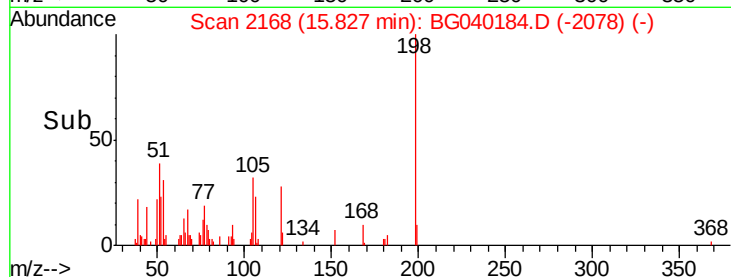
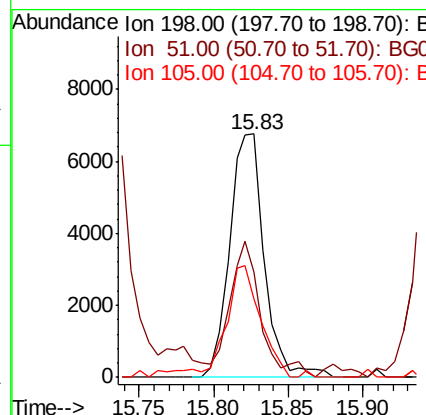
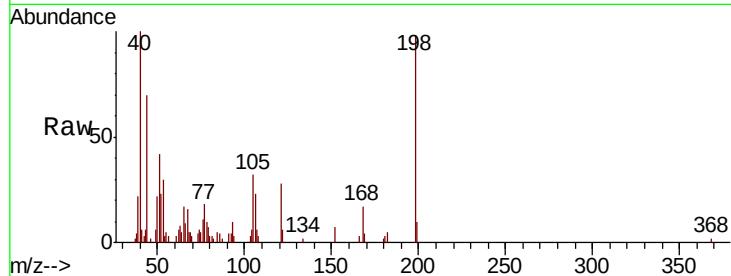
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.362 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	10998		
51	43.1		27.3	67.3
105	32.3		21.7	61.7

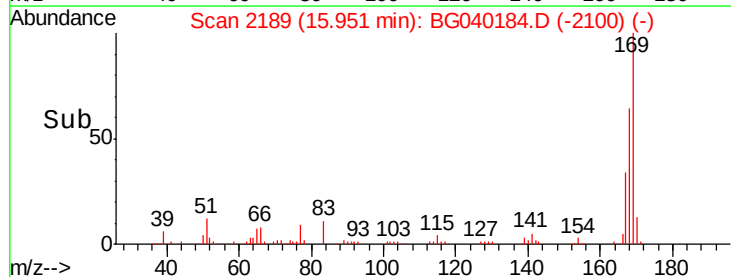
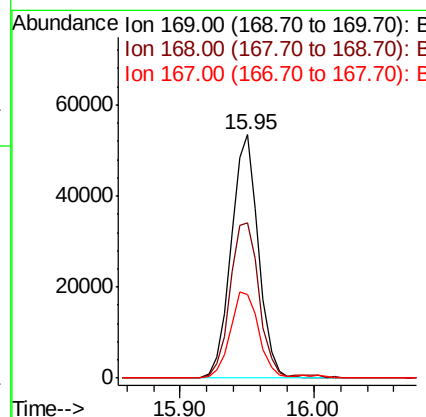
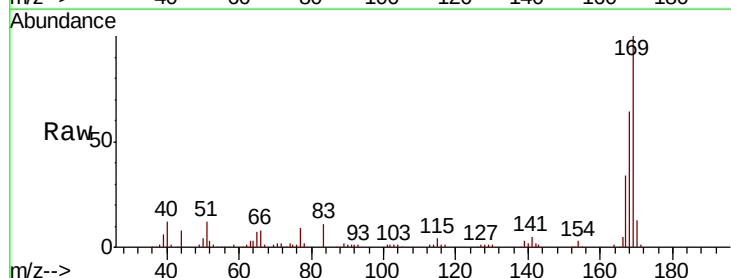
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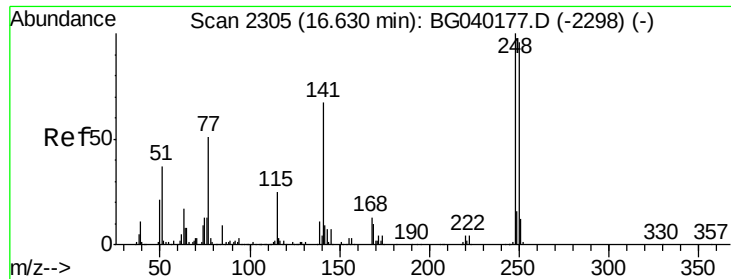
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 8.473 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	76284		
168	63.9		56.8	85.2
167	34.2		30.2	45.4





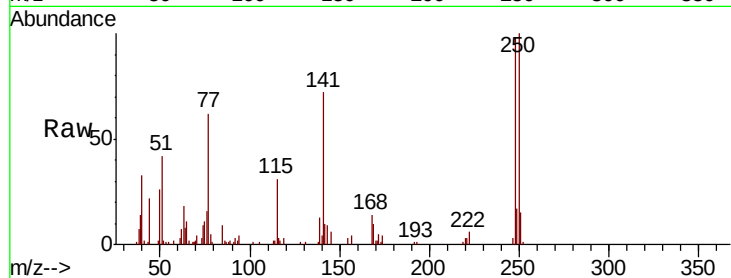
#67
4-Bromophenyl-phenylether
Concen: 8.127 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.6	76.4	114.6
141	72.8	53.8	80.8

Manual Integrations
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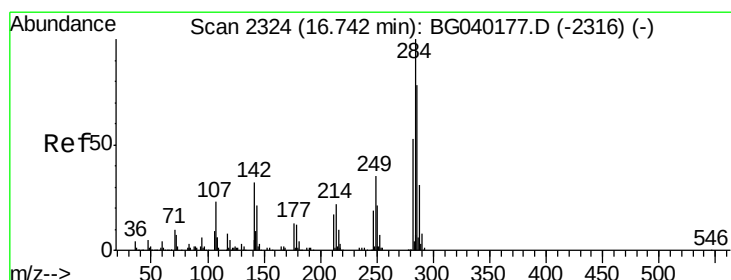
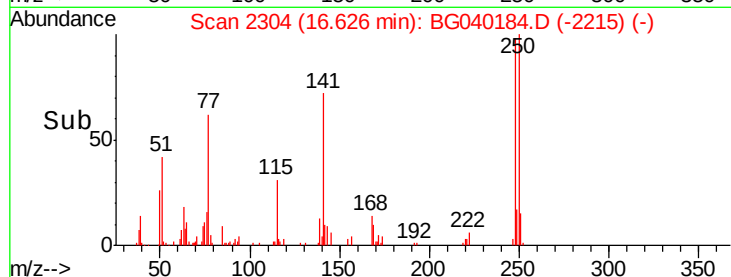
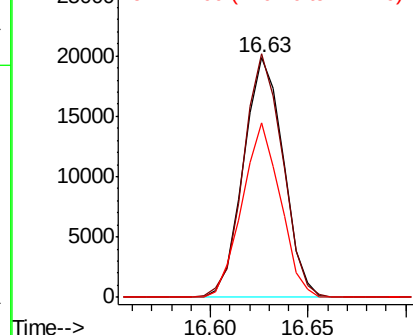


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 8.536 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

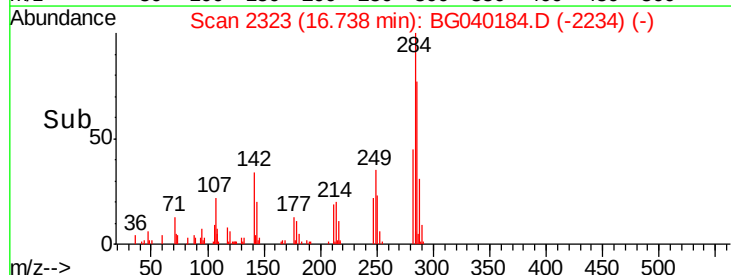
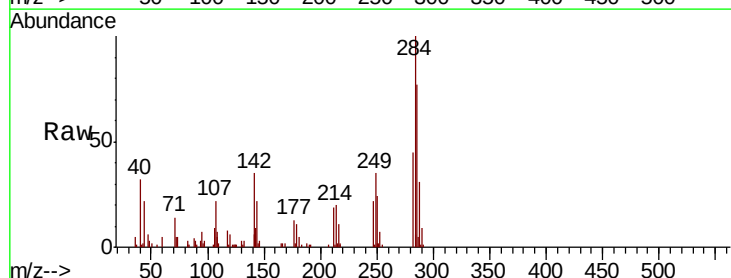
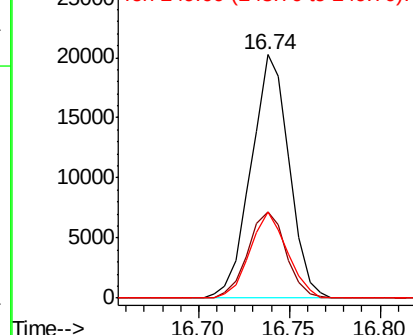
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.3	37.9
249	35.4	28.2	42.2

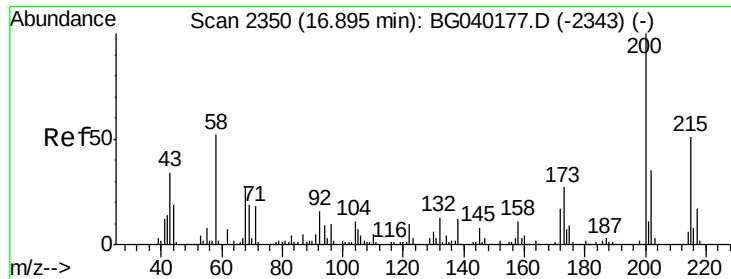
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





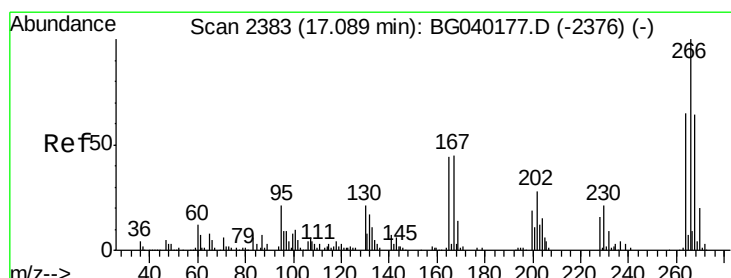
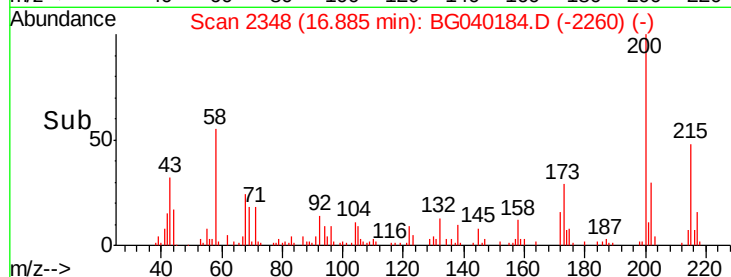
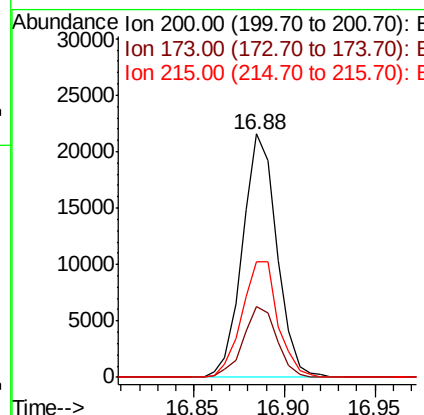
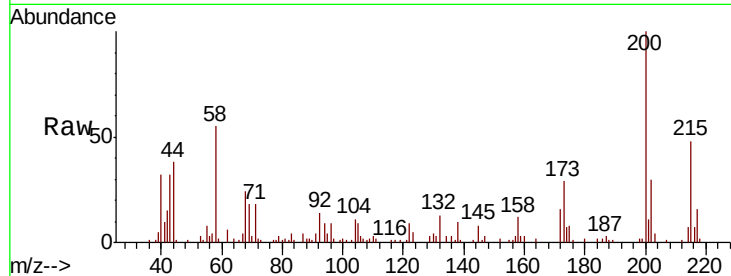
#69
Atrazine
Concen: 8.444 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	28280		
173	28.9	7.1	47.1	
215	47.7	30.9	70.9	

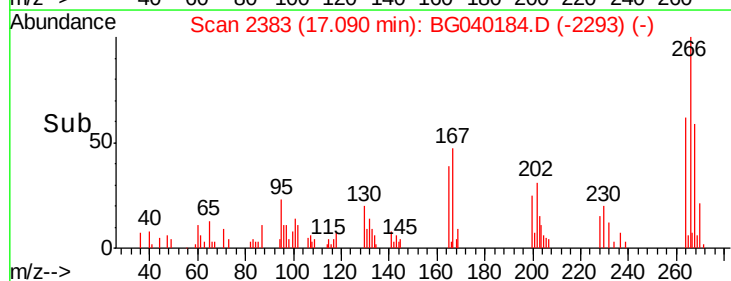
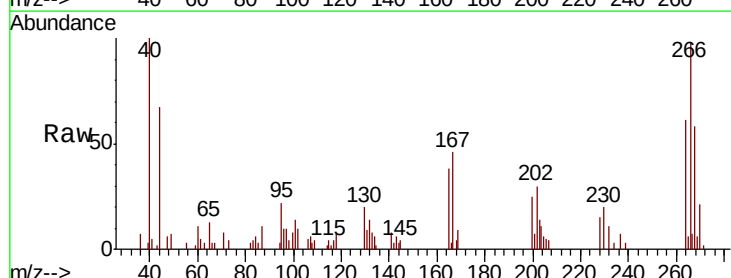
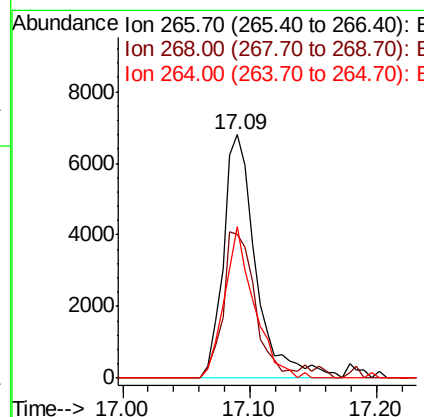
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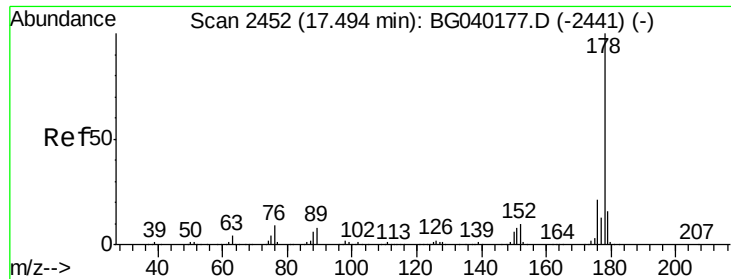
Sohil
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#70
Pentachlorophenol
Concen: 6.018 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	12113		
268	65.0	55.0	82.4	
264	62.0	51.8	77.8	





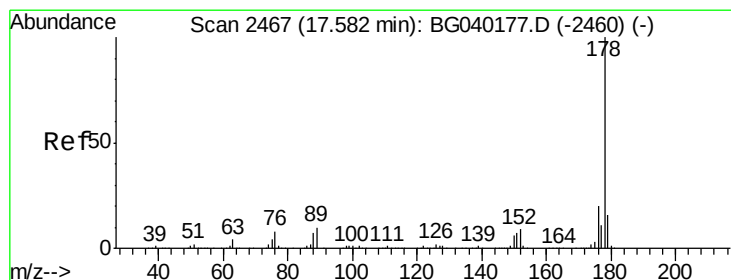
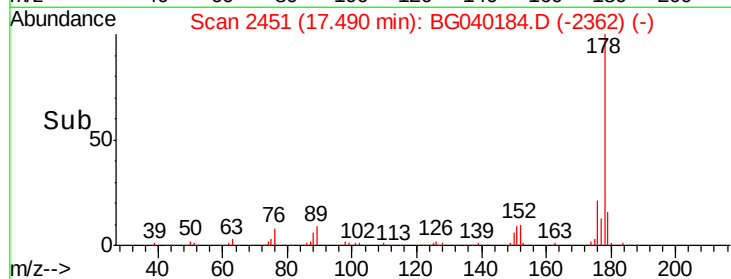
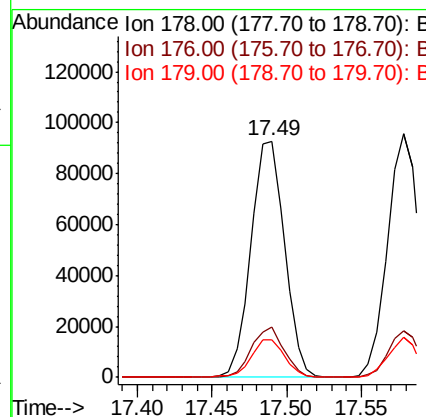
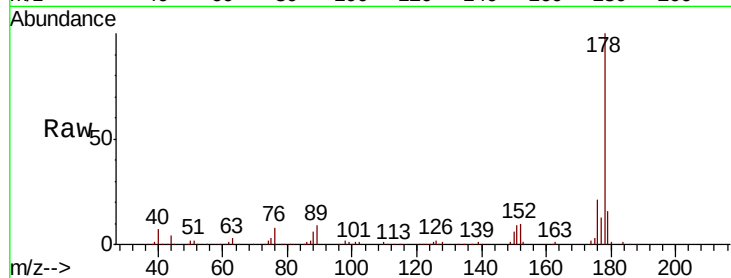
#71
Phenanthrene
Concen: 8.914 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.7	25.1
179	15.9	12.8	19.2

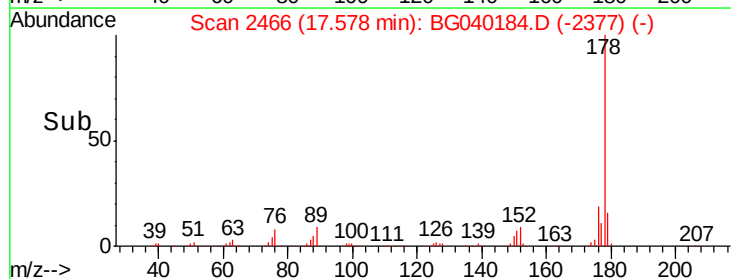
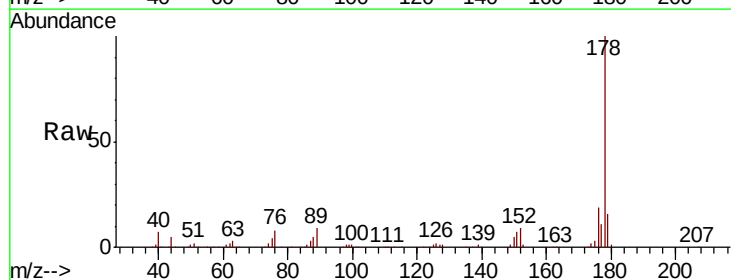
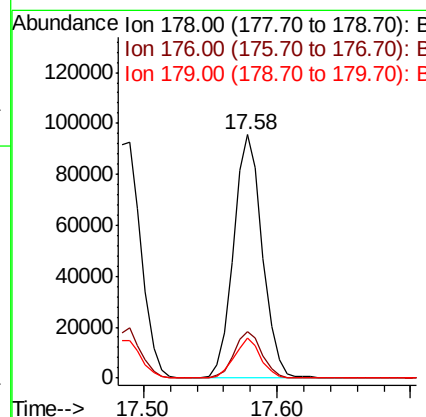
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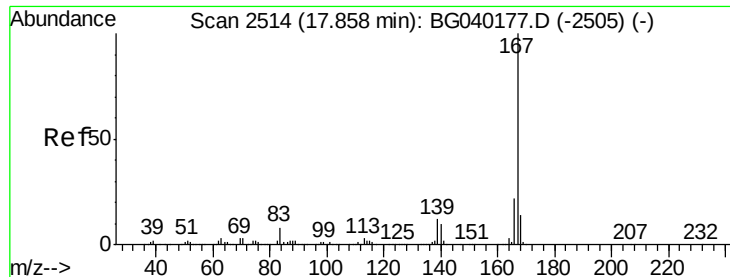
Sohil
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#72
Anthracene
Concen: 8.886 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	16.2	12.9	19.3





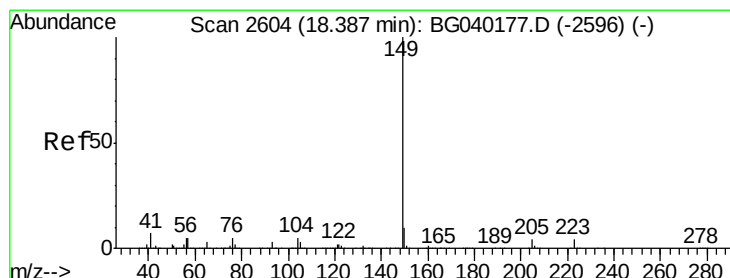
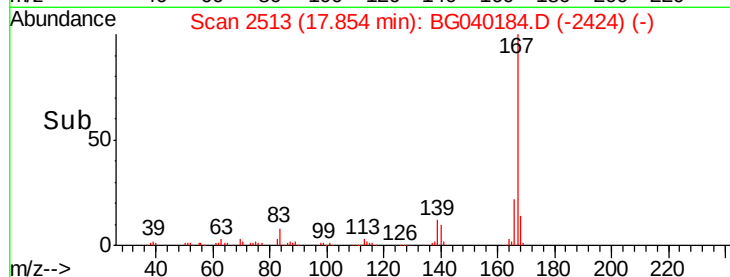
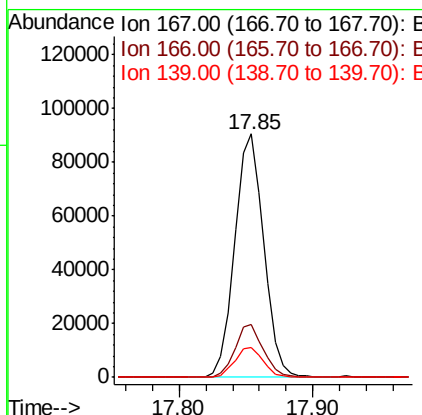
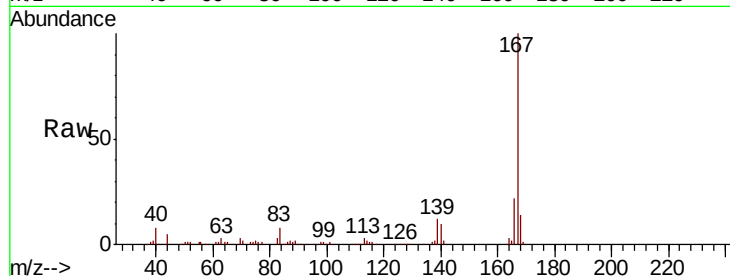
#73
 Carbazole
 Concen: 8.929 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.4	10.0	15.0

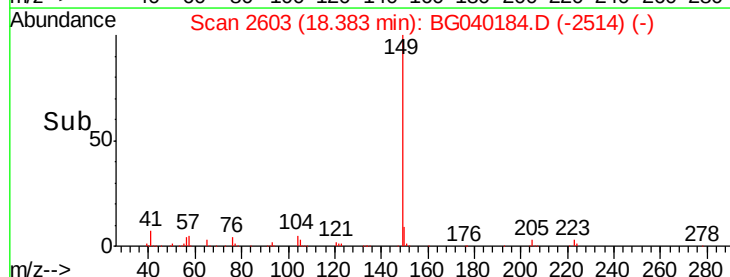
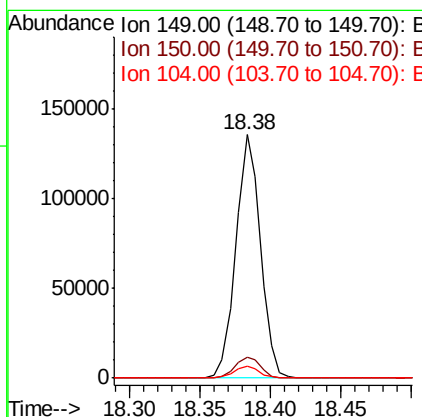
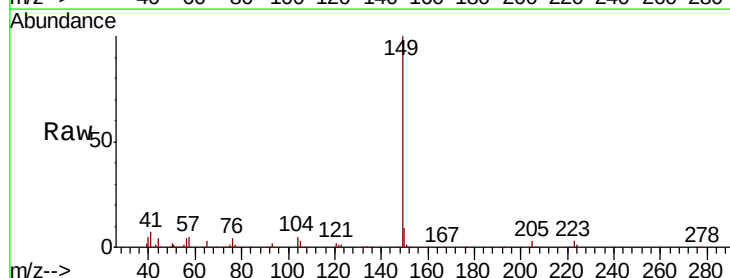
Manual Integrations
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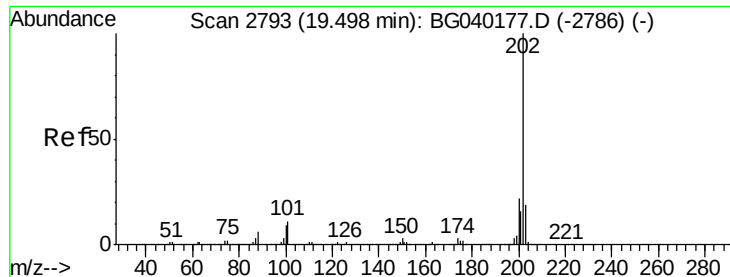
Sohil
 3/29/2019 4:48:17 PM



#74
 Di-n-butylphthalate
 Concen: 9.038 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG040184.D
 Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.9	11.9
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 9.386 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

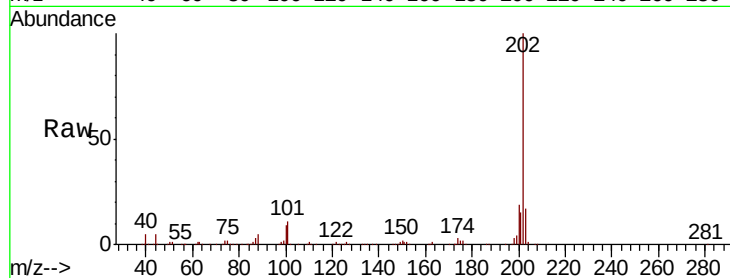
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		179748		
101	11.2	0.0	30.8		
203	17.2	0.0	38.9		

Manual Integrations
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3/29/2019 4:48:17 PM

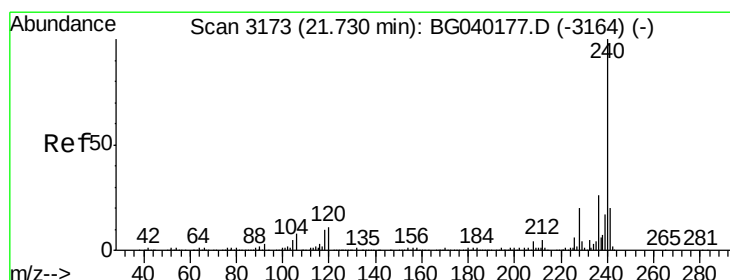
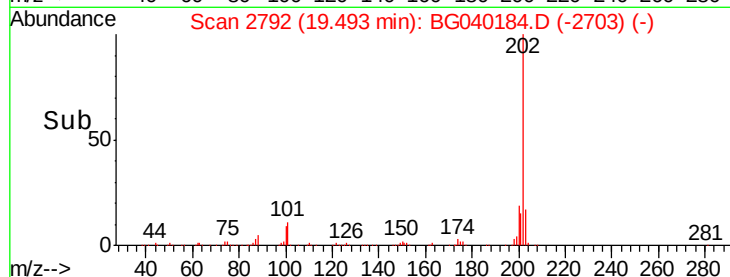
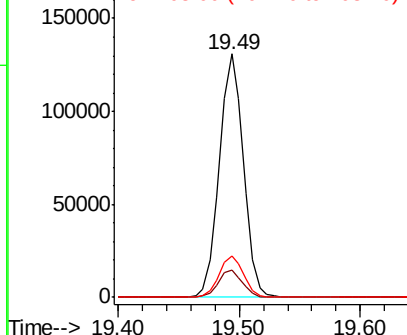


Abundance

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

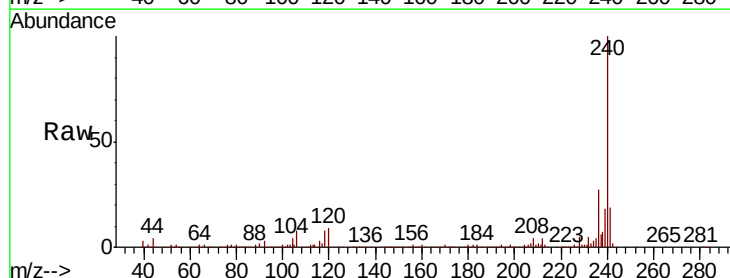
RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		323882		
120	8.8	8.4	12.6		
236	26.9	20.8	31.2		

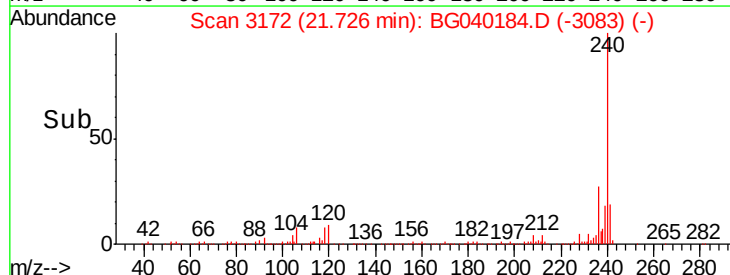
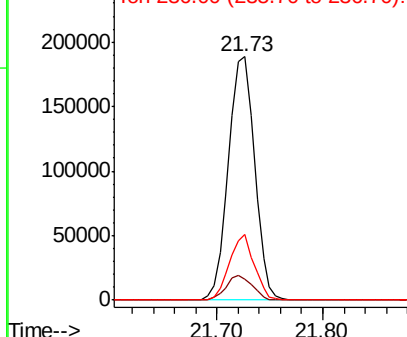


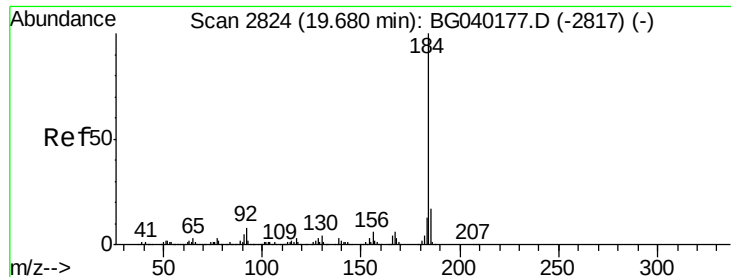
Abundance

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: 6.367 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

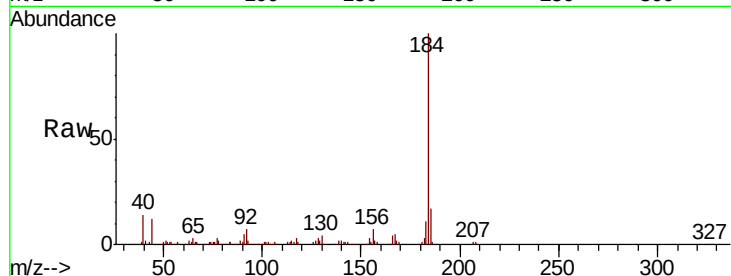
ClientSampleId :

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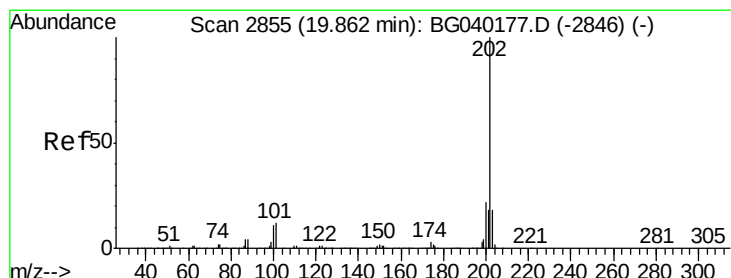
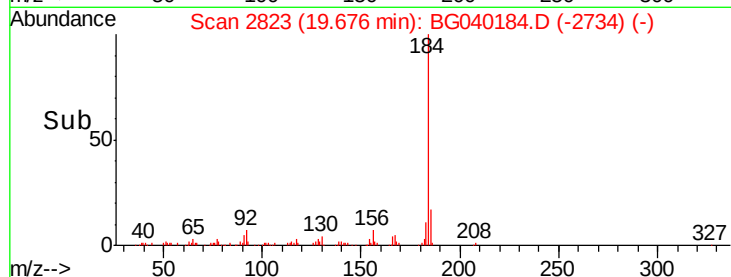
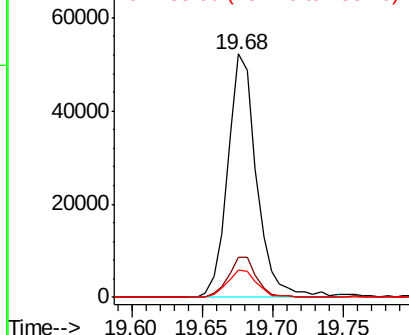
Tot Ion:	184	Resp:	74470
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.3	19.9
183	11.2	10.3	15.5

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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: 8.845 ng

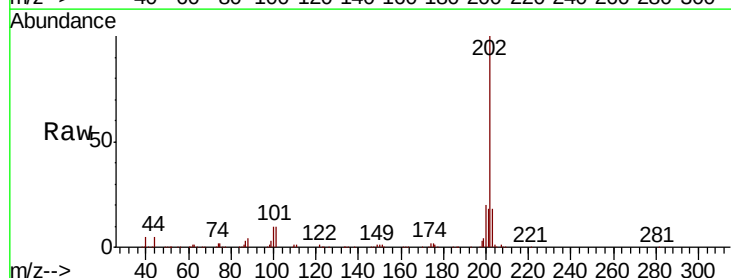
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

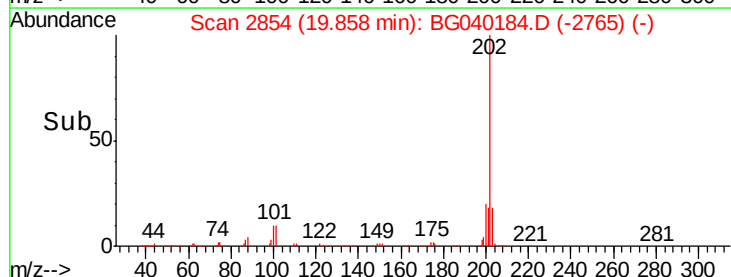
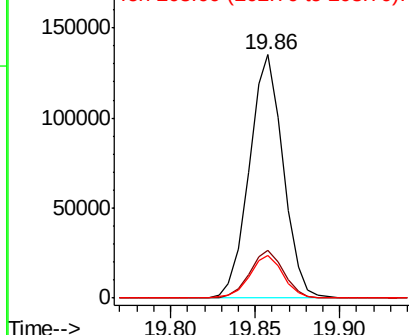
Lab File: BG040184.D

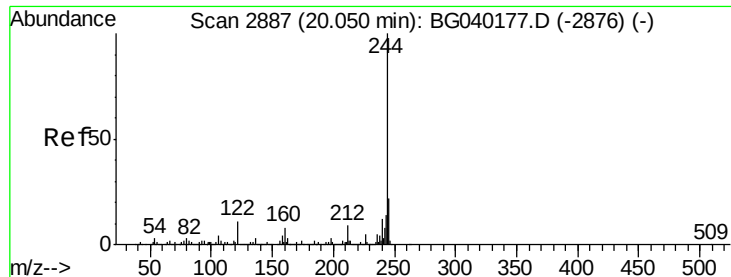
Acq: 27 Mar 2019 23:05

Tgt Ion:	202	Resp:	188398
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.3	25.9
203	17.6	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: 86.931 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

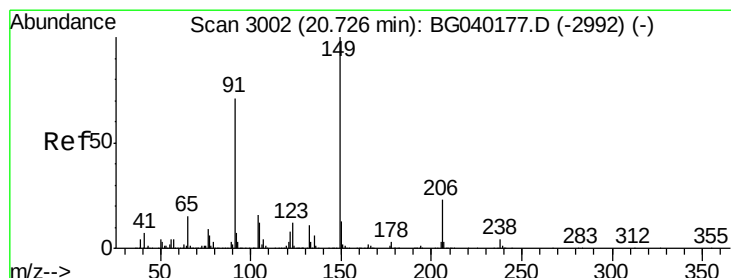
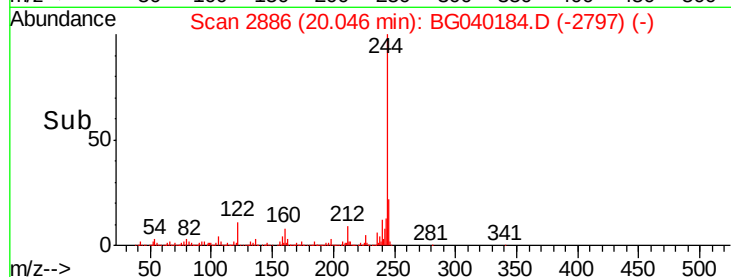
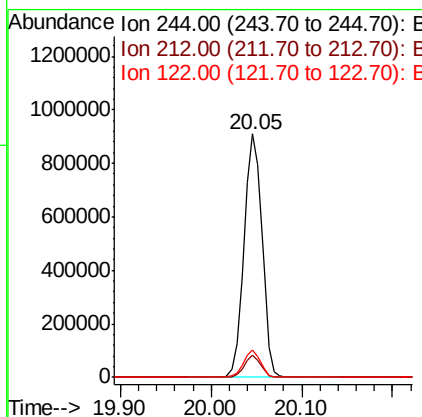
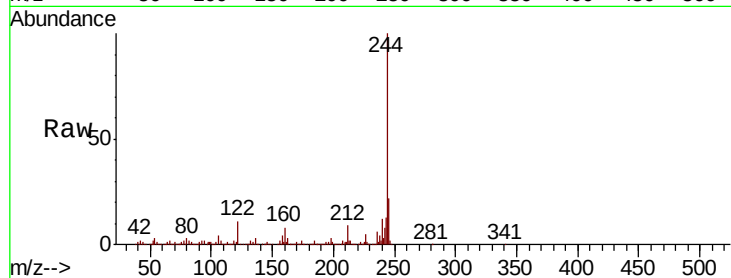
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tot Ion:	244	Resp:	1251541
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.0	8.5	12.7

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#80

Butylbenzylphthalate

Concen: 7.645 ng

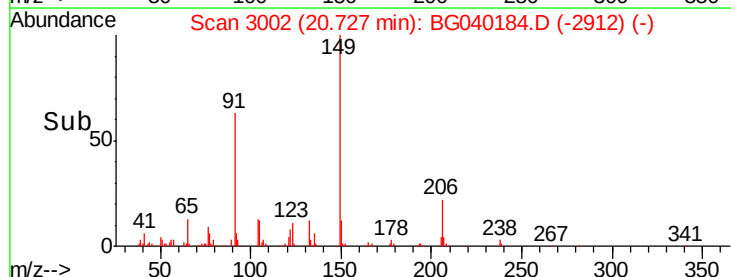
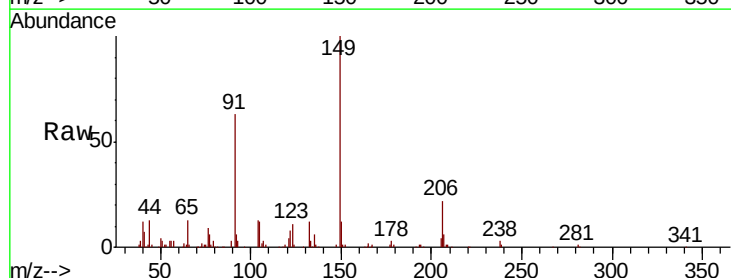
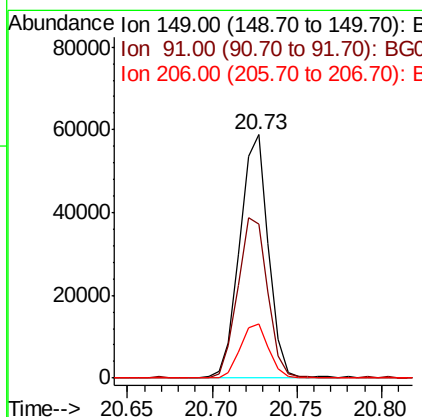
RT: 20.73 min Scan# 3002

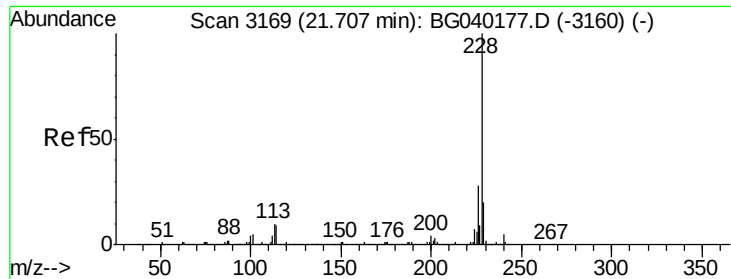
Delta R.T. 0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	149	Resp:	69681
Ion	Ratio	Lower	Upper
149	100		
91	63.2	57.0	85.4
206	22.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 8.663 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

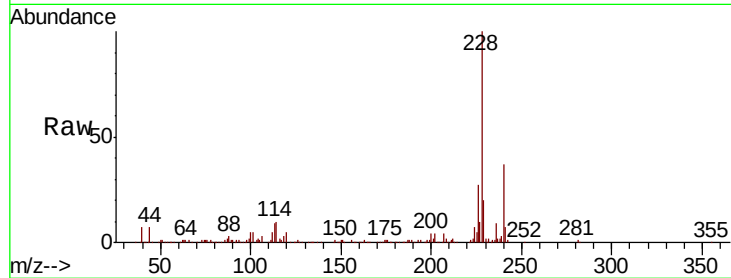
ClientSampled :

LOD-MDL-SOIL-01-QT1-2019

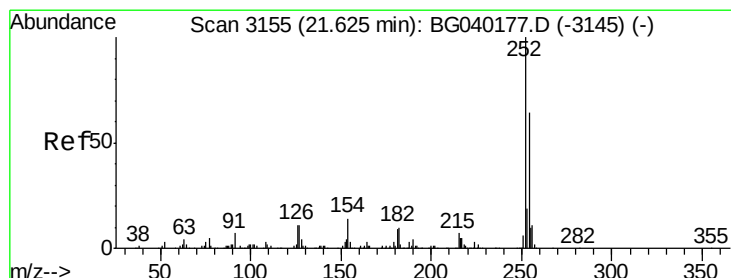
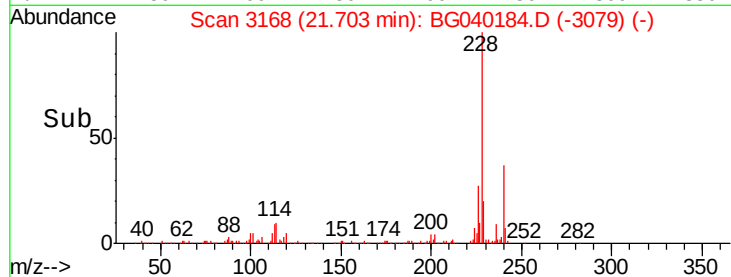
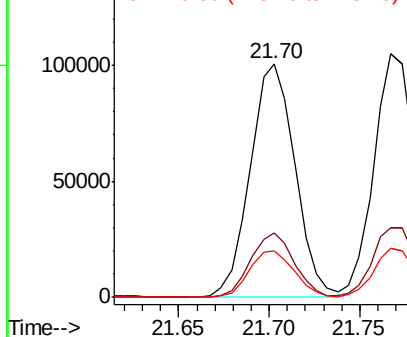
Tot Ion:	228	Resp:	172812
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	34.0
229	20.0	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 7.683 ng

RT: 21.62 min Scan# 3154

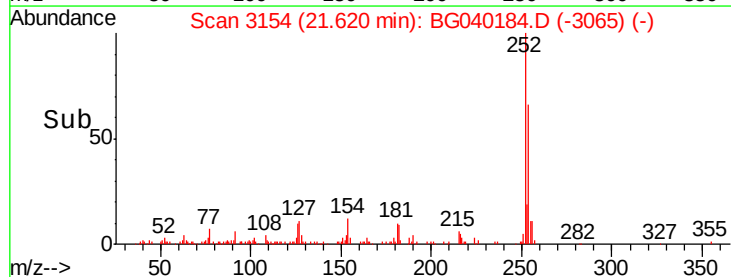
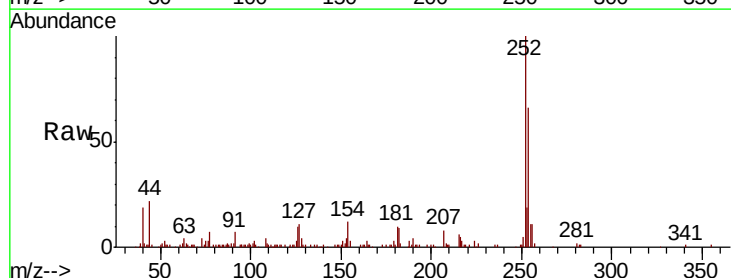
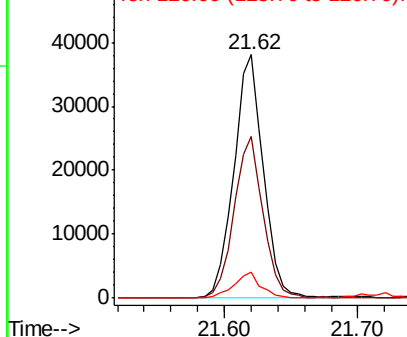
Delta R.T. -0.00 min

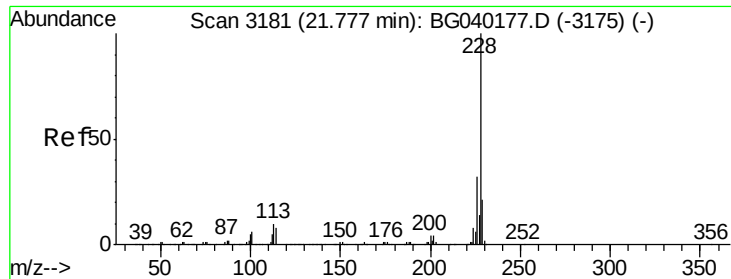
Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Tgt Ion:	252	Resp:	58308
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.4	77.2
126	10.5	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





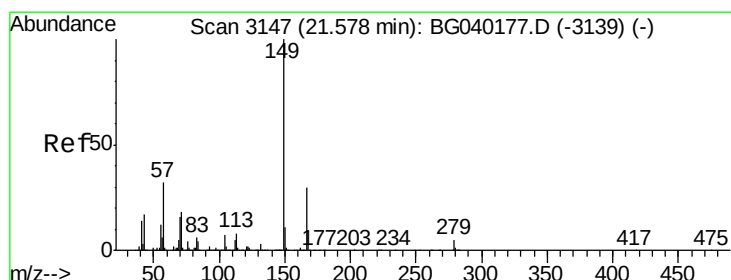
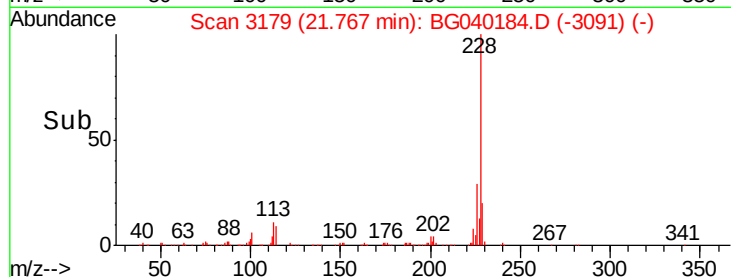
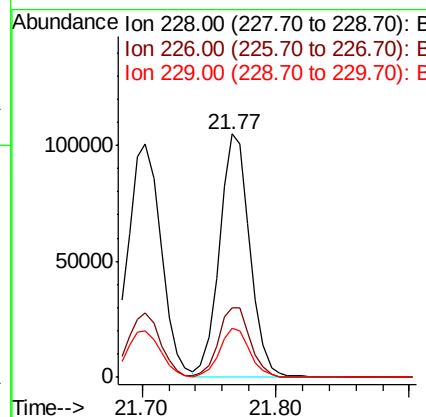
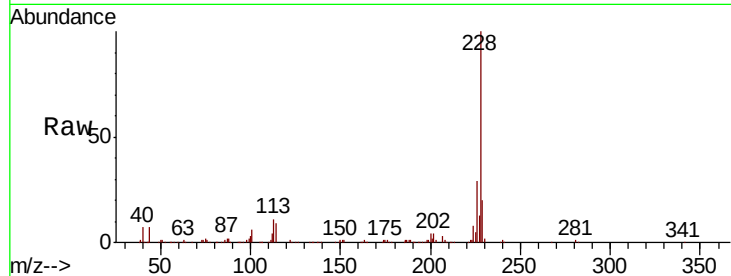
#83
Chrysene
Concen: 8.693 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.4	38.0
229	20.0	17.0	25.4

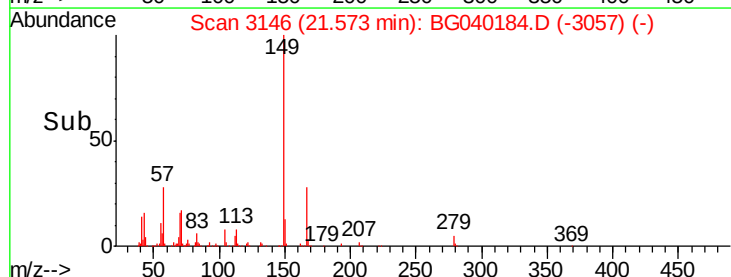
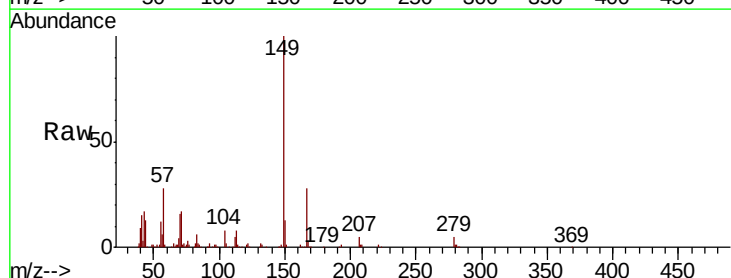
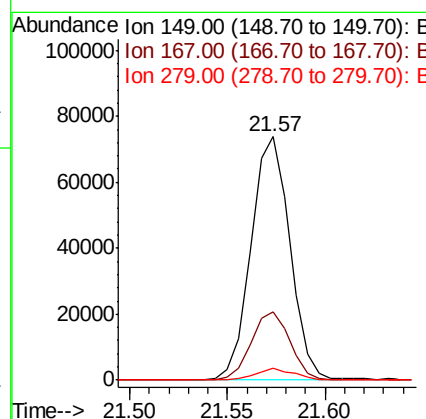
Manual Integrations
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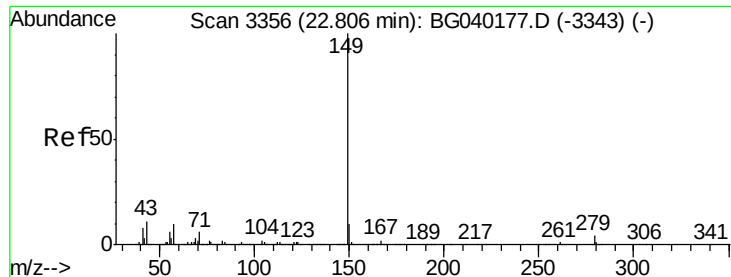
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.789 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	5.0	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 7.876 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG040184.D

Acq: 27 Mar 2019 23:05

Instrument :

BNA_G

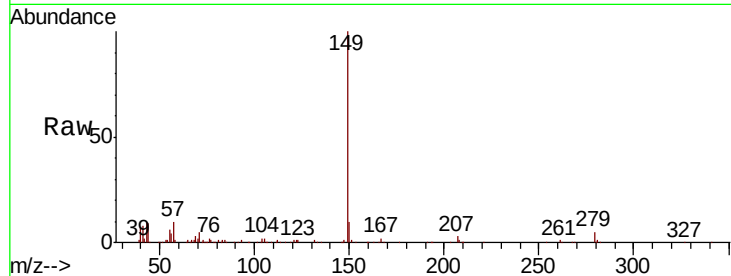
ClientSampled :

LOD-MDL-SOIL-01-QT1-2019

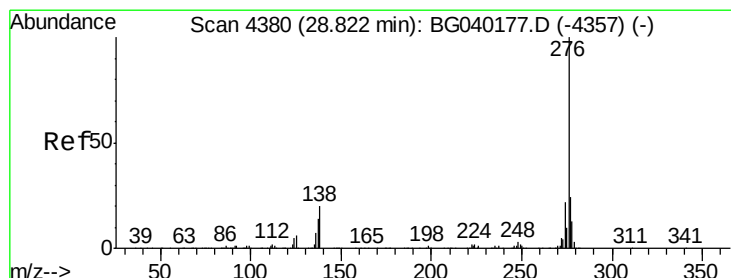
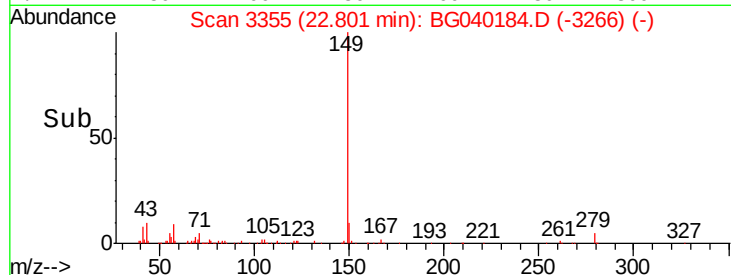
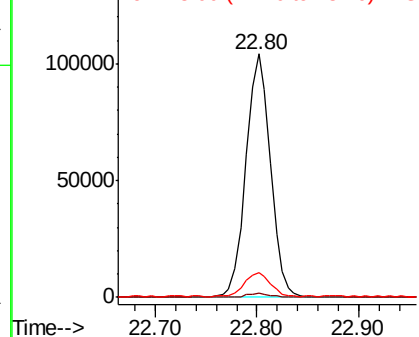
Tot Ion:	149	Resp:	174834
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.2	8.7	13.1

Manual Integrations
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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: 8.012 ng

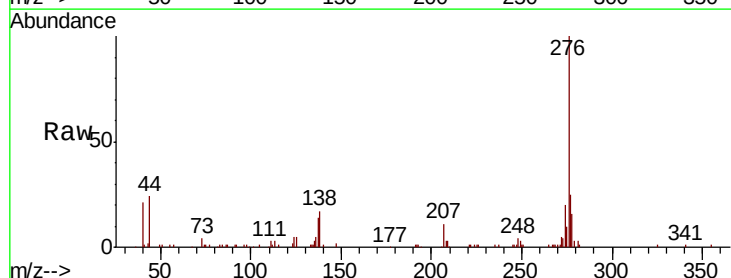
RT: 28.80 min Scan# 4376

Delta R.T. -0.02 min

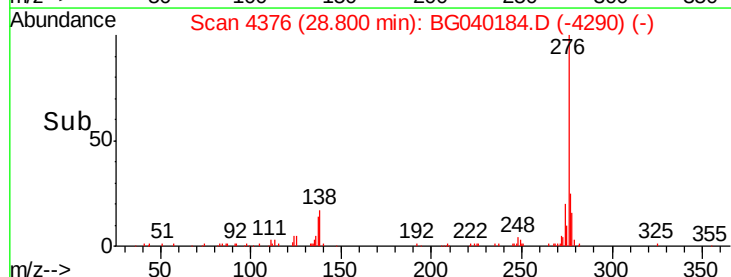
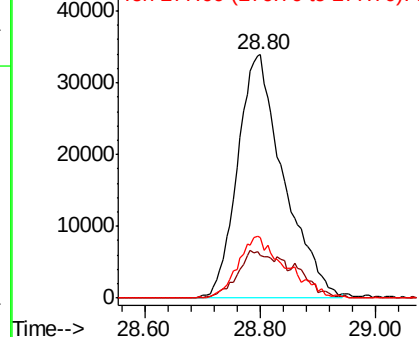
Lab File: BG040184.D

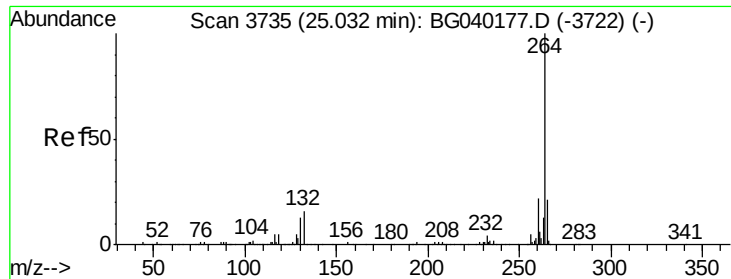
Acq: 27 Mar 2019 23:05

Tgt Ion:	276	Resp:	187874
Ion Ratio	Lower	Upper	
276	100		
138	14.1	18.8	28.2#
277	26.0	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





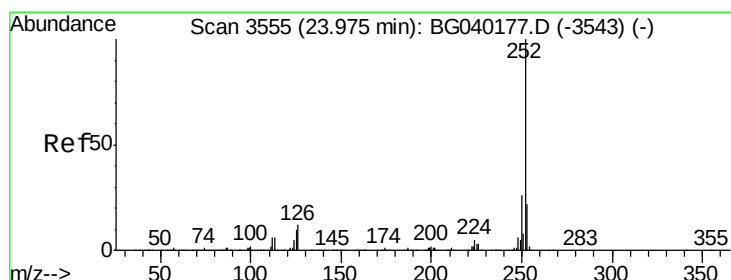
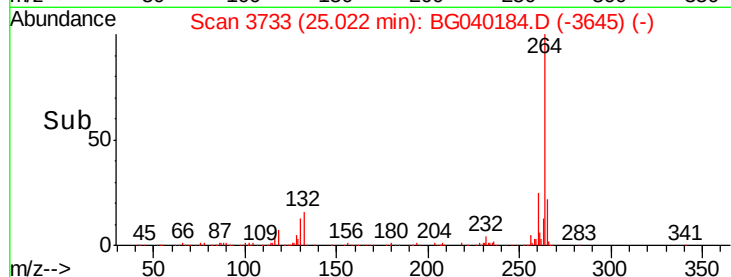
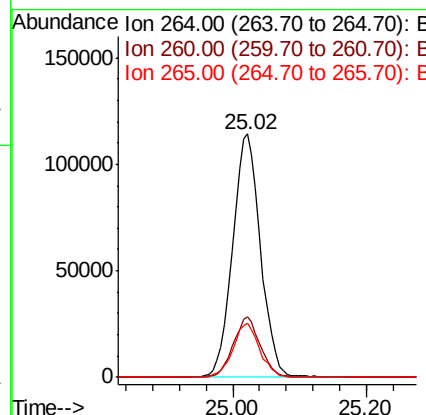
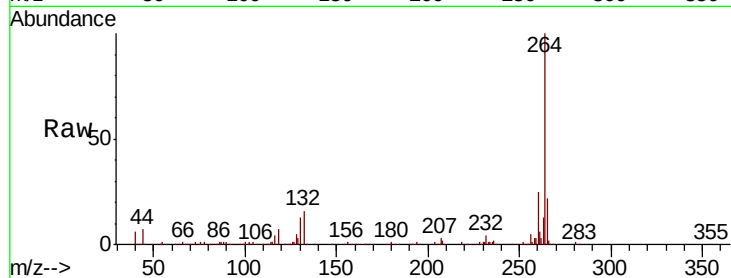
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.9	26.9
265	22.1	16.8	25.2

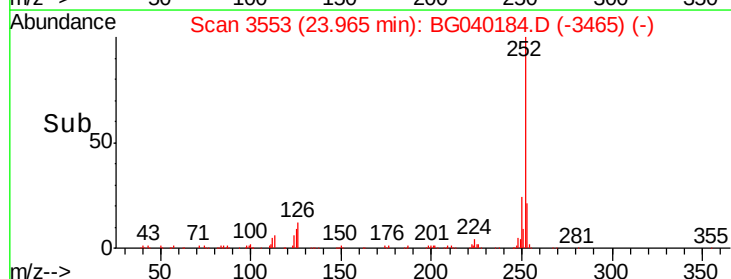
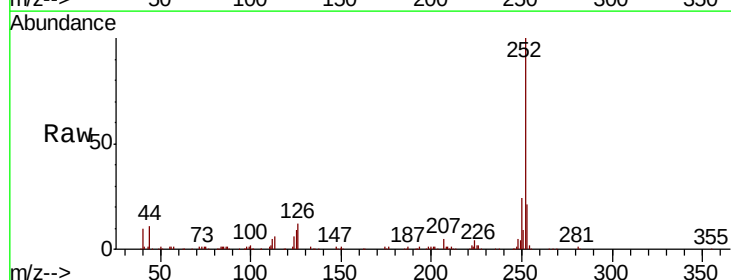
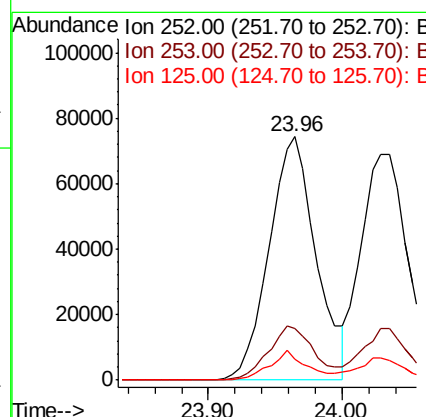
Manual Integrations
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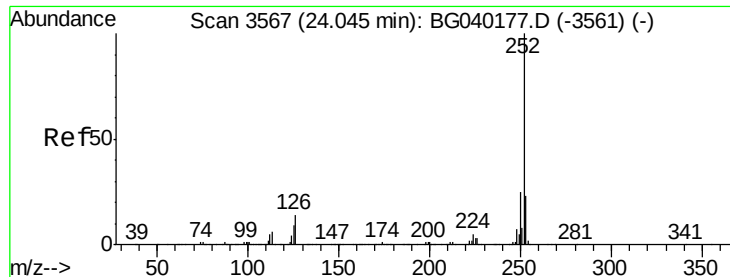
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#88
Benzo(b)fluoranthene
Concen: 8.926 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.8	8.2	12.4





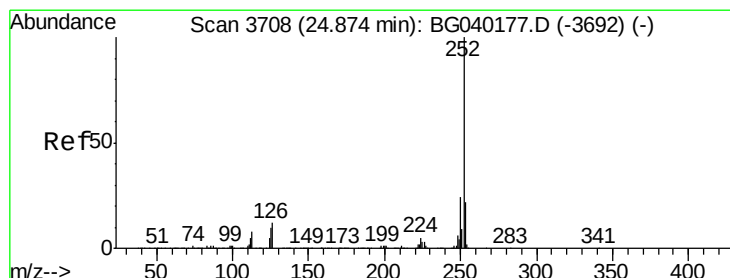
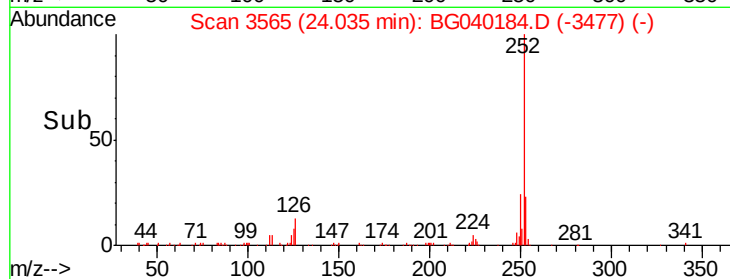
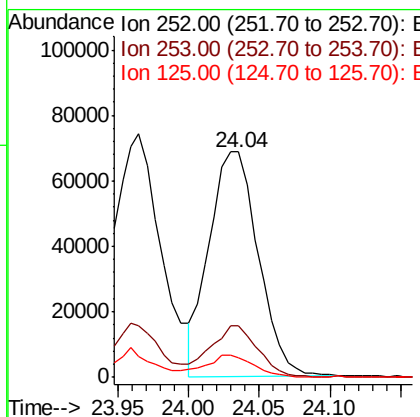
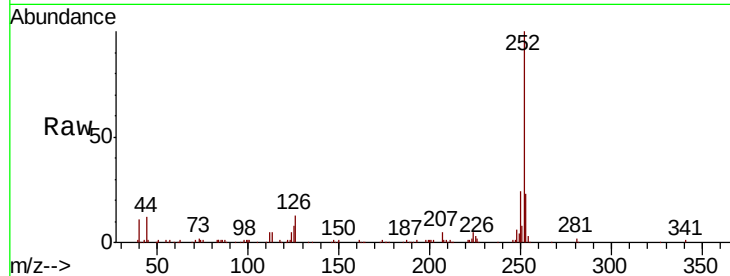
#89
Benzo(k)fluoranthene
Concen: 8.909 ng
RT: 24.04 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	8.4	7.3	10.9

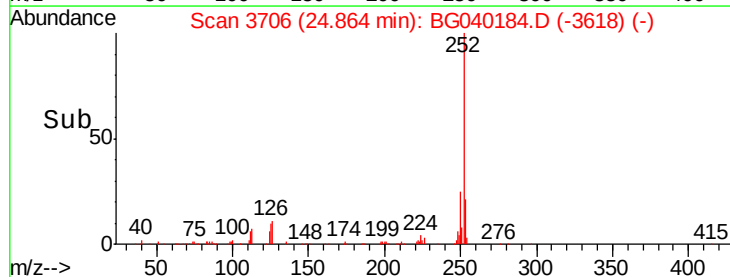
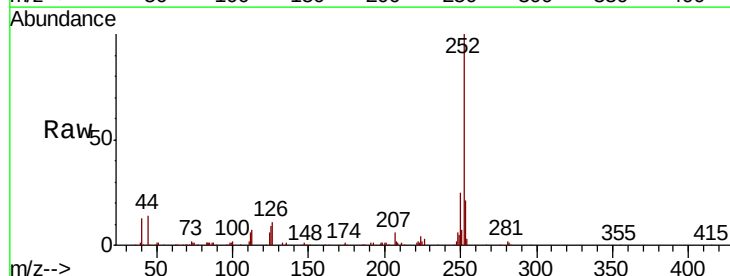
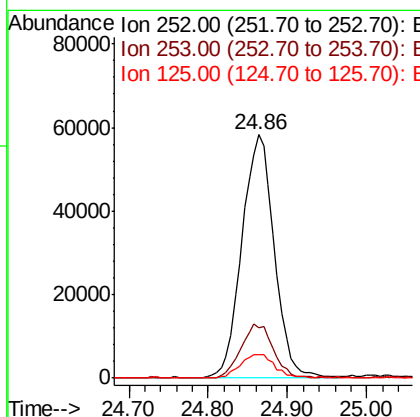
Manual Integrations
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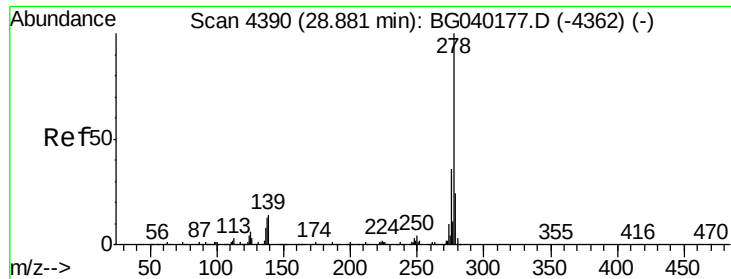
Sohil
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#90
Benzo(a)pyrene
Concen: 8.676 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.8
125	9.5	8.3	12.5





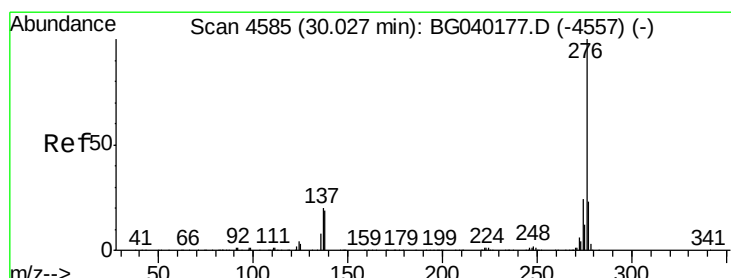
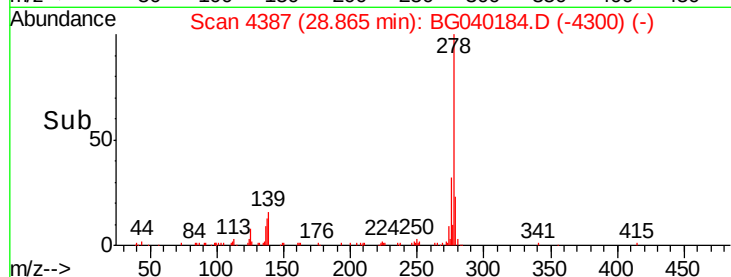
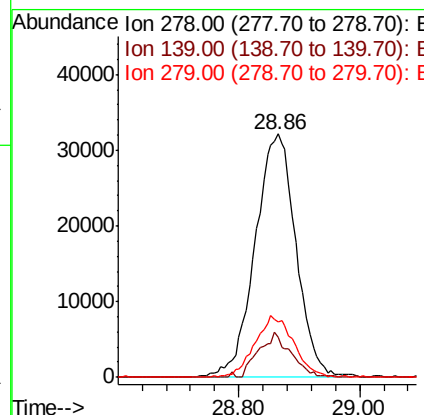
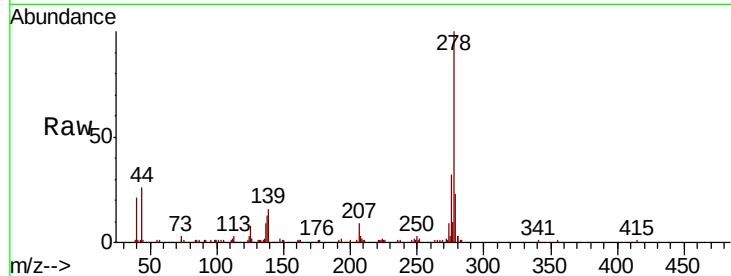
#91
Dibenzo(a,h)anthracene
Concen: 8.528 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.02 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.2	16.8
279	22.6	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:48:17 PM



#92
Benzo(g,h,i)perylene
Concen: 8.441 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.04 min
Lab File: BG040184.D
Acq: 27 Mar 2019 23:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.6	28.0
138	19.7	15.2	22.8

