

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044693.D
 Acq On : 6 Mar 2020 11:59
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-SOIL 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
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 3/9/2020 3:07:45 PM

Quant Time: Mar 07 04:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70306	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	282112	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195684	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	455870	20.00	ng	0.00
76) Chrysene-d12	21.71	240	440972	20.00	ng	0.00
87) Perylene-d12	24.94	264	503177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	608427	129.97	ng	0.00
7) Phenol-d6	7.21	99	902205	127.50	ng	0.00
23) Nitrobenzene-d5	9.22	82	626435	101.10	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	390103	145.13	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1324081	94.26	ng	0.00
79) Terphenyl-d14	20.06	244	2165791	87.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	9836	4.383	ng	94
3) Pyridine	3.93	79	24188	3.477	ng	92
4) n-Nitrosodimethylamine	3.84	42	11774	4.001	ng	# 67
6) Aniline	7.38	93	39601	4.467	ng	95
8) 2-Chlorophenol	7.63	128	20893	4.403	ng	87
9) Benzaldehyde	7.19	77	26794	6.451	ng	99
10) Phenol	7.24	94	29230	4.193	ng	92
11) bis(2-Chloroethyl)ether	7.47	93	23227	4.337	ng	95
12) 1,3-Dichlorobenzene	7.95	146	24431	4.330	ng	92
13) 1,4-Dichlorobenzene	8.09	146	24255m	4.302	ng	
14) 1,2-Dichlorobenzene	8.42	146	23339	4.380	ng	95
15) Benzyl Alcohol	8.29	79	23500	3.850	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	40804	4.032	ng	98
17) 2-Methylphenol	8.49	107	19181	4.016	ng	97
18) Hexachloroethane	9.16	117	9385	4.151	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	22973	4.346	ng	96
20) 3+4-Methylphenols	8.82	107	28480	4.280	ng	97
22) Acetophenone	8.88	105	39991	4.856	ng	# 91
24) Nitrobenzene	9.26	77	31963	4.865	ng	96
25) Isophorone	9.79	82	64721	4.737	ng	98
26) 2-Nitrophenol	9.97	139	8568	3.988	ng	95
27) 2,4-Dimethylphenol	10.03	122	19469	4.542	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	34557	4.492	ng	97
29) 2,4-Dichlorophenol	10.51	162	20119	4.125	ng	90
30) 1,2,4-Trichlorobenzene	10.73	180	24973	4.408	ng	94
31) Naphthalene	10.92	128	74423	4.701	ng	96
32) Benzoic acid	10.08	122	3107	1.033	ng	# 79
33) 4-Chloroaniline	11.01	127	33365	4.576	ng	98
34) Hexachlorobutadiene	11.22	225	17090	4.415	ng	# 82
35) Caprolactam	11.75	113	8543	4.196	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	25377	4.108	ng	# 90
37) 2-Methylnaphthalene	12.52	142	55371	4.635	ng	97
38) 1-Methylnaphthalene	12.74	142	52985m	4.691	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	31799	5.006	ng	97

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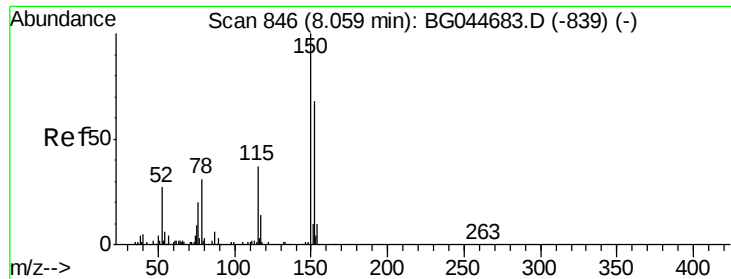
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Quant Time: Mar 07 04:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	16552	4.456	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	17203	3.906	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	19888	4.403	ng	# 92
46) 1,1'-Biphenyl	13.53	154	76066	4.887	ng	97
47) 2-Chloronaphthalene	13.57	162	55522	4.677	ng	99
48) 2-Nitroaniline	13.75	65	16042	4.006	ng	# 84
49) Acenaphthylene	14.41	152	96827	5.091	ng	95
50) Dimethylphthalate	14.15	163	76542	4.705	ng	97
51) 2,6-Dinitrotoluene	14.25	165	12880	4.406	ng	95
52) Acenaphthene	14.76	154	55253	4.493	ng	95
53) 3-Nitroaniline	14.57	138	14035	4.166	ng	# 95
54) 2,4-Dinitrophenol	14.78	184	3380	2.490	ng	# 58
55) Dibenzofuran	15.09	168	88920	4.825	ng	99
56) 4-Nitrophenol	14.87	139	10792	4.117	ng	92
57) 2,4-Dinitrotoluene	15.04	165	16198	4.147	ng	97
58) Fluorene	15.74	166	74474	4.886	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.31	232	17820	4.146	ng	# 94
60) Diethylphthalate	15.51	149	80668	4.638	ng	97
61) 4-Chlorophenyl-phenylether	15.74	204	38772	4.688	ng	97
62) 4-Nitroaniline	15.74	138	15379	4.145	ng	97
63) Azobenzene	16.03	77	93073	5.113	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	6586	3.536	ng	85
66) n-Nitrosodiphenylamine	15.94	169	65443	4.695	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	24757	4.306	ng	92
68) Hexachlorobenzene	16.75	284	27338	4.404	ng	94
69) Atrazine	16.90	200	28301	5.254	ng	90
70) Pentachlorophenol	17.09	266	13124	3.726	ng	93
71) Phenanthrene	17.48	178	121587	4.864	ng	99
72) Anthracene	17.57	178	126541	5.140	ng	96
73) Carbazole	17.84	167	115202	4.886	ng	97
74) Di-n-butylphthalate	18.42	149	145813	4.910	ng	# 96
75) Fluoranthene	19.49	202	152212	5.038	ng	99
77) Benzidine	19.66	184	88274	5.015	ng	95
78) Pyrene	19.85	202	154713	4.600	ng	97
80) Butylbenzylphthalate	20.75	149	60974	4.061	ng	95
81) Benzo(a)anthracene	21.70	228	154373	4.668	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	61835	4.696	ng	99
83) Chrysene	21.76	228	146276	4.647	ng	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	91532	4.372	ng	99
85) Di-n-octyl phthalate	22.86	149	153304	4.264	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	178097	4.284	ng	92
88) Benzo(b)fluoranthene	23.92	252	152124	4.442	ng	98
89) Benzo(k)fluoranthene	23.98	252	154112	4.801	ng	95
90) Benzo(a)pyrene	24.79	252	141960	4.451	ng	98
91) Dibenzo(a,h)anthracene	28.67	278	148765	4.677	ng	# 91
92) Benzo(g,h,i)perylene	29.73	276	147411	4.627	ng	94

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



#1

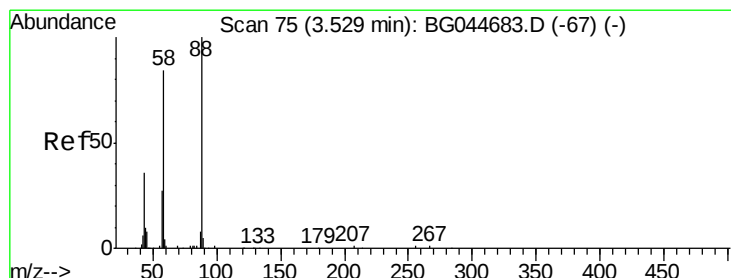
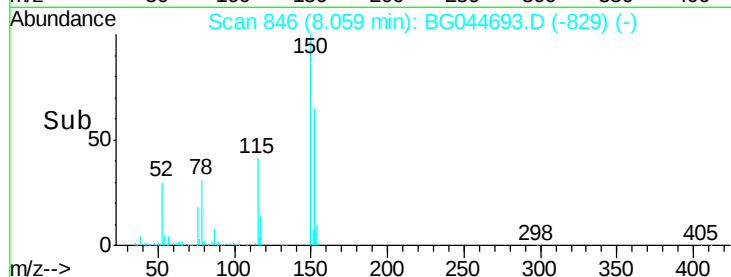
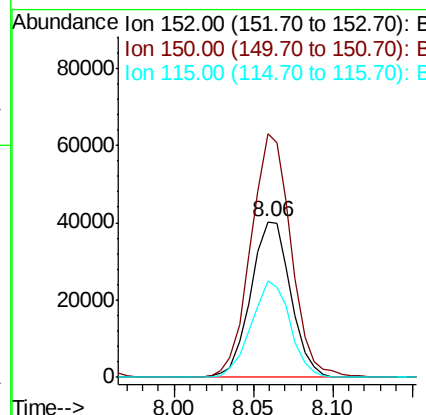
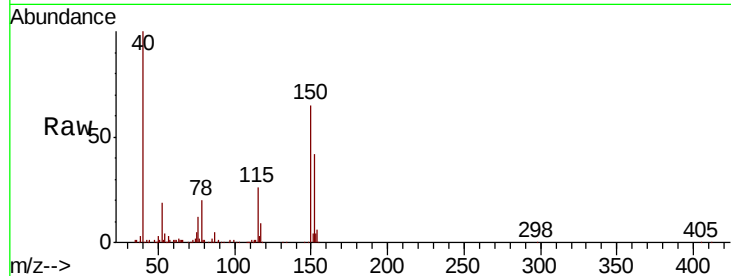
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	118.6	177.8
115	62.4	43.6	65.4

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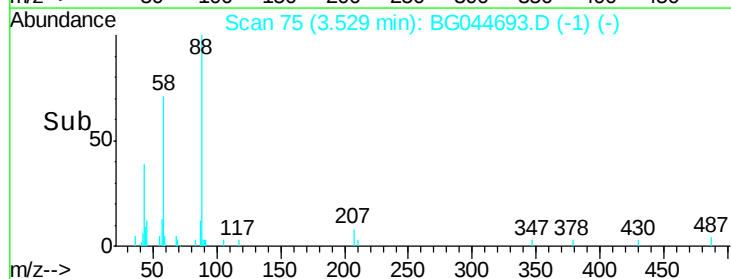
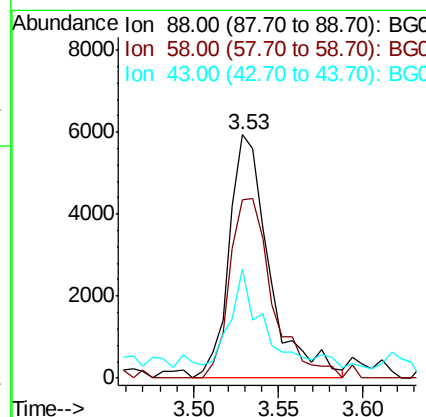
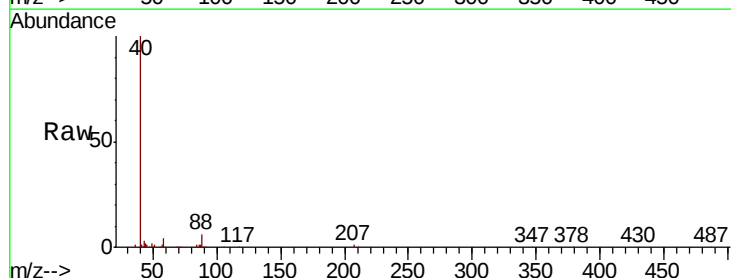
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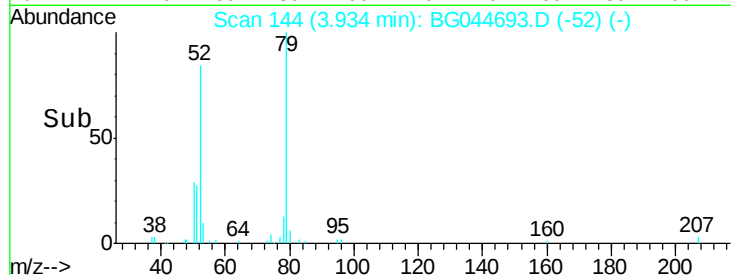
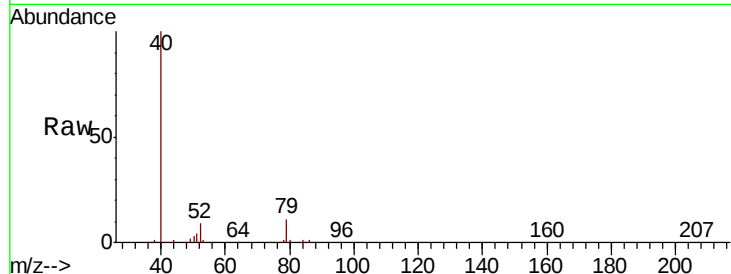
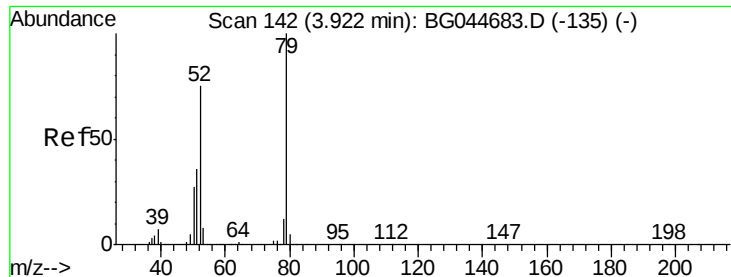


#2

1,4-Dioxane
Concen: 4.383 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	66.6	99.8
43	28.8	27.4	41.2





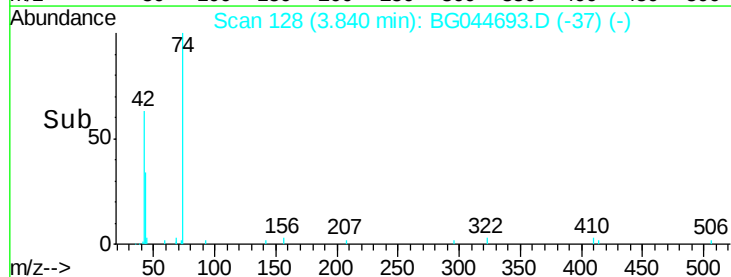
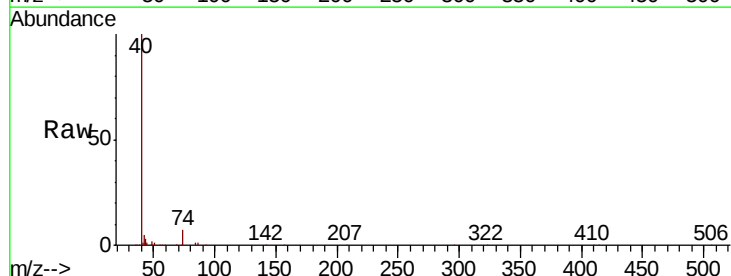
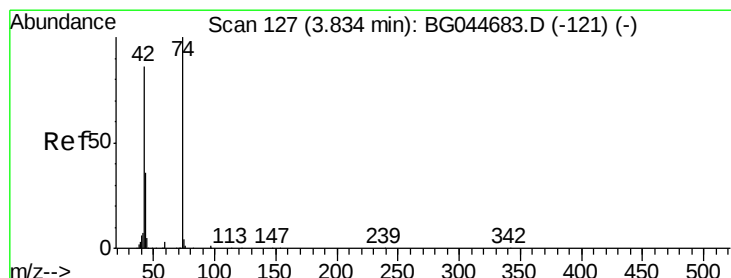
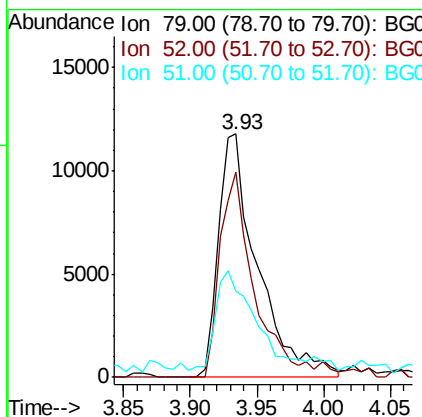
#3
 Pvridine
 Concen: 3.477 ng
 RT: 3.93 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tot Ion:	79	Resp:	24188
Ion Ratio	Lower	Upper	
79	100		
52	84.5	59.9	89.9
51	35.2	29.3	43.9

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

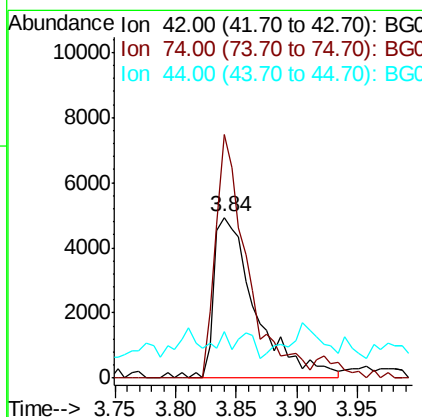
Manual Integrations
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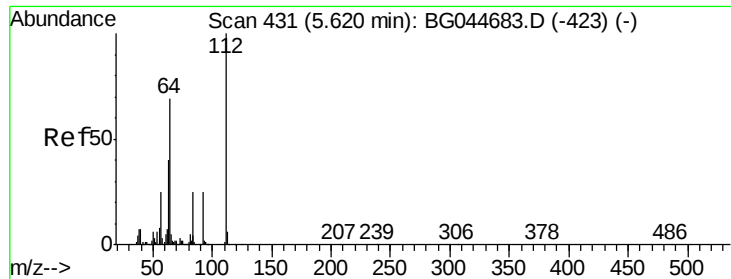
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#4
 n-Nitrosodimethylamine
 Concen: 4.001 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion:	42	Resp:	11774
Ion Ratio	Lower	Upper	
42	100		
74	151.6	93.4	140.2#
44	28.8	8.9	13.3#





#5

2-Fluorophenol

Concen: 129.968 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

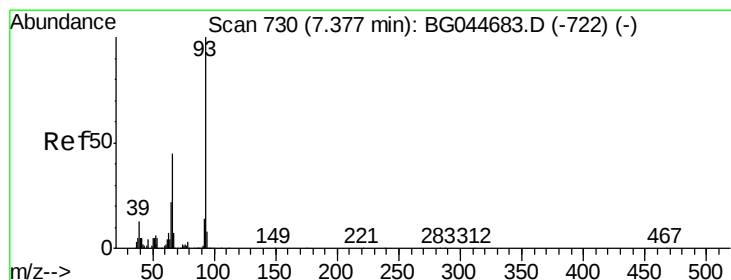
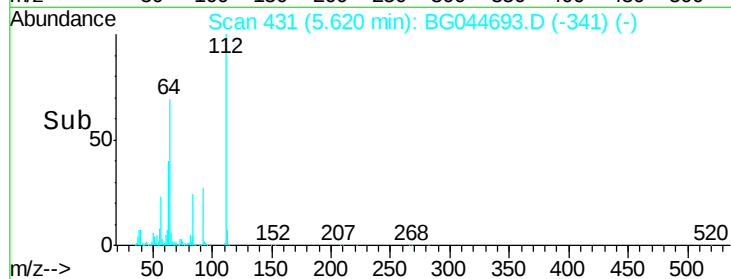
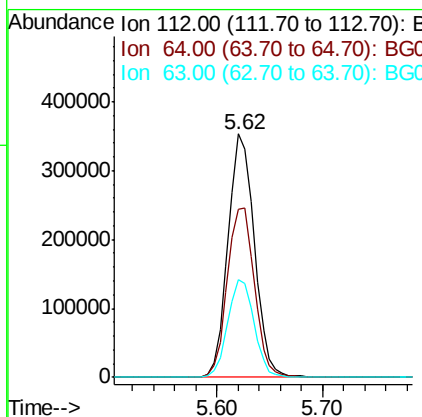
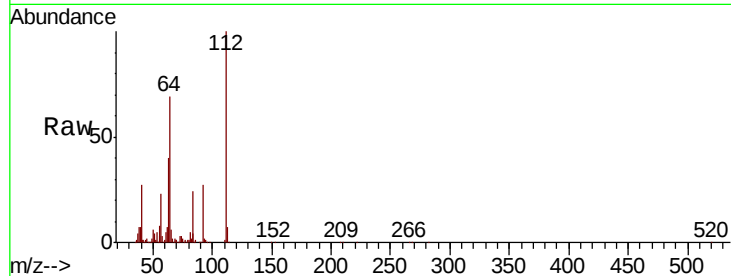
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	112	Resp:	608427
Ion Ratio	Lower	Upper	
112	100		
64	69.3	55.4	83.0
63	40.0	32.1	48.1

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#6

Aniline

Concen: 4.467 ng

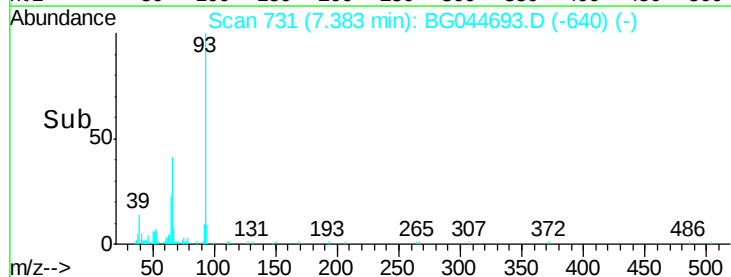
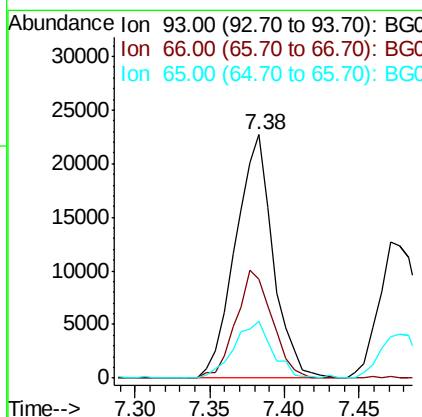
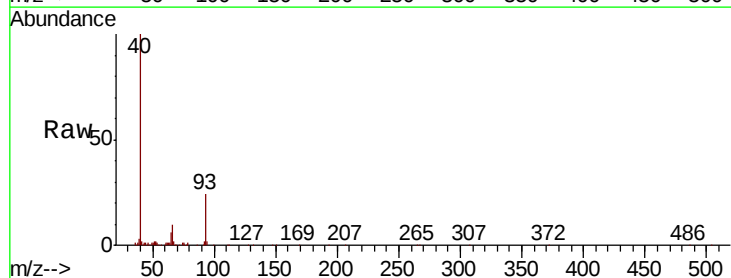
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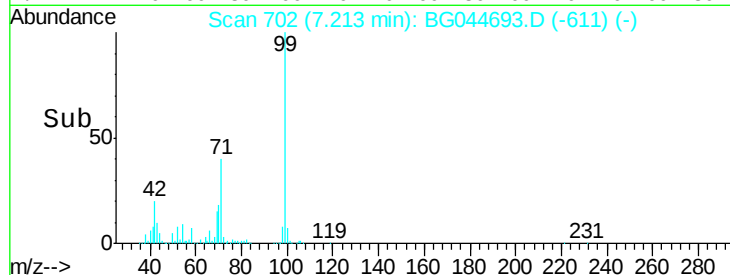
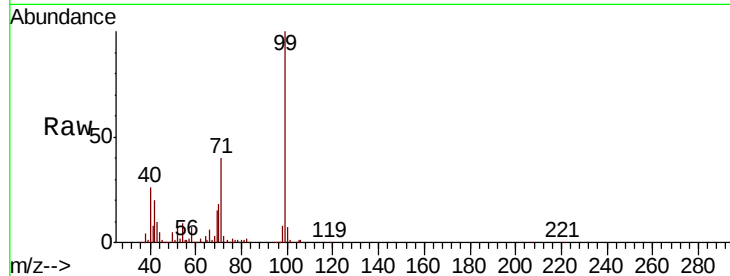
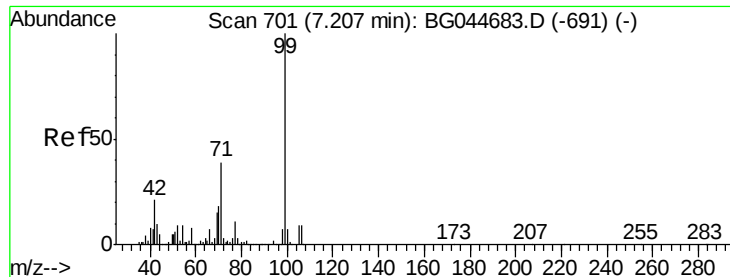
Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	93	Resp:	39601
Ion Ratio	Lower	Upper	
93	100		
66	40.7	35.8	53.8
65	23.4	17.9	26.9





#7

Phenol-d6

Concen: 127.501 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		902205		
42	19.8	16.5	24.7		
71	39.9	30.9	46.3		

Instrument :

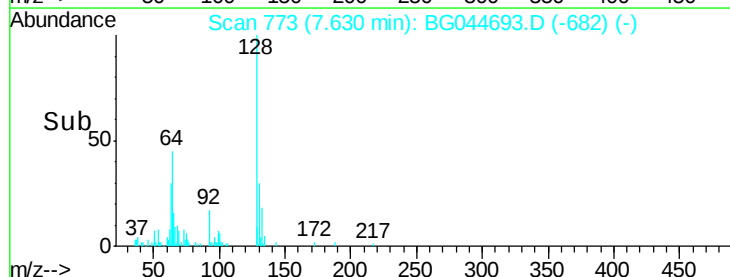
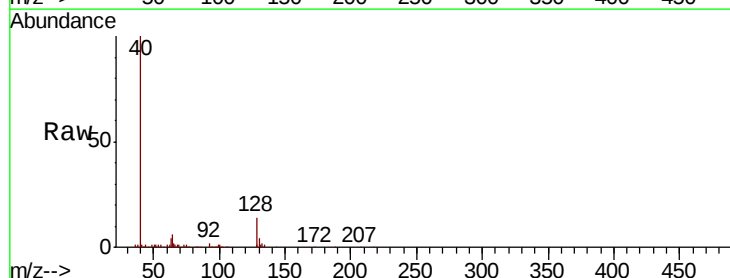
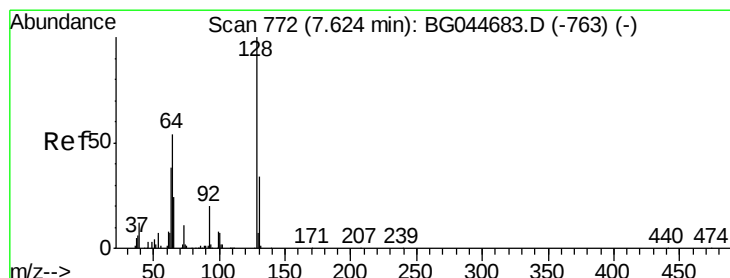
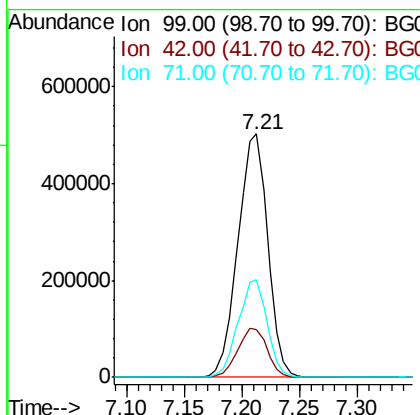
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ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
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#8

2-Chlorophenol

Concen: 4.403 ng

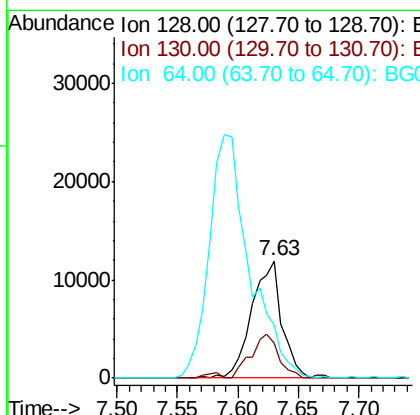
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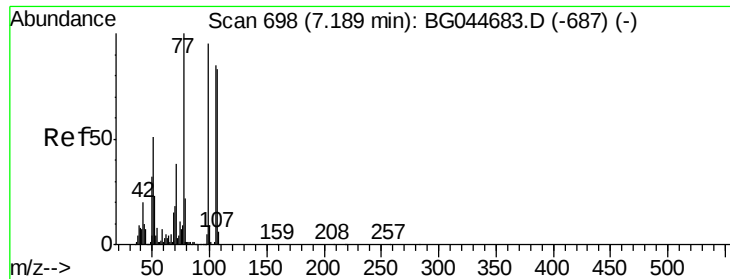
Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		20893		
130	30.1	14.0	54.0		
64	45.2	37.6	77.6		





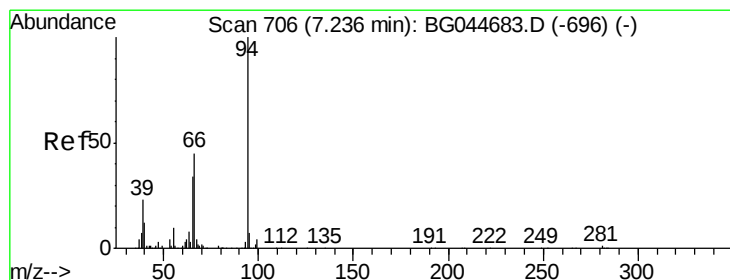
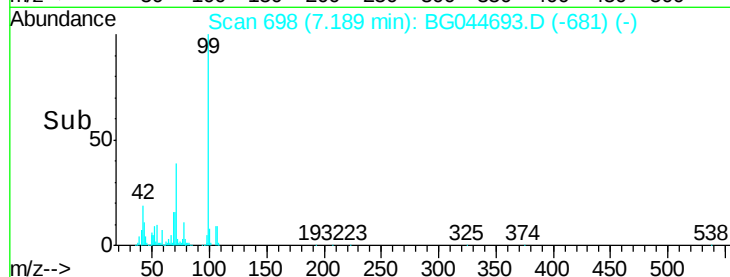
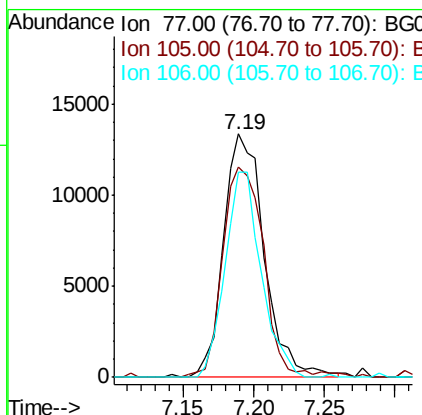
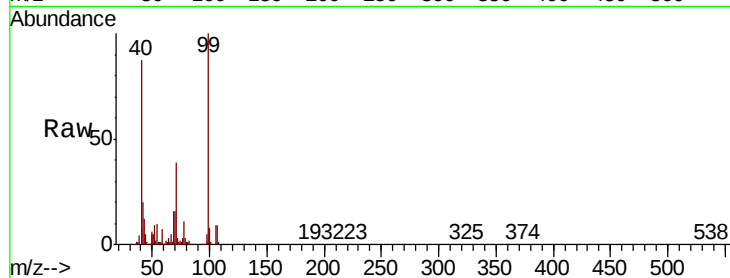
#9
Benzaldehyde
Concen: 6.451 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.5	65.1	105.1
106	84.2	63.1	103.1

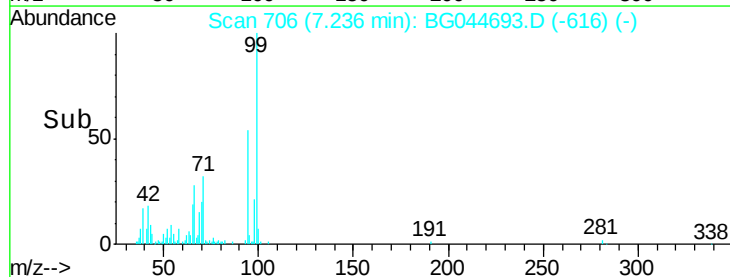
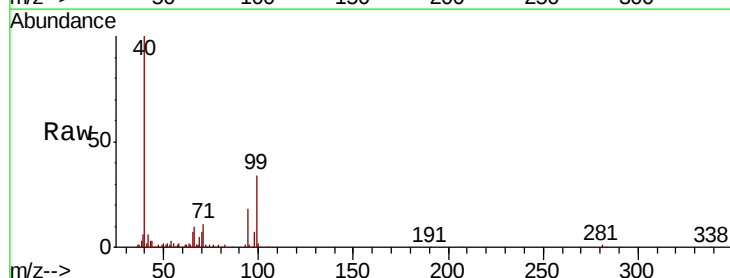
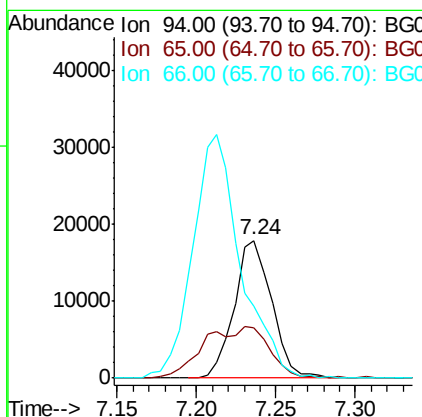
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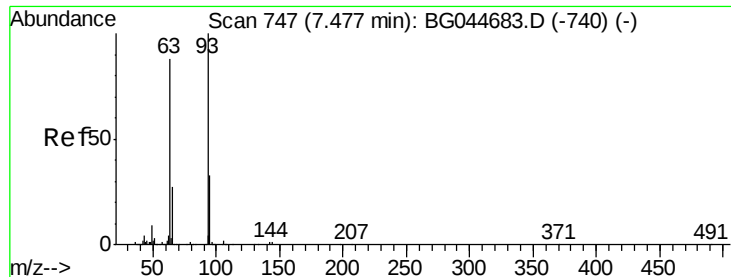
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#10
Phenol
Concen: 4.193 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.2	13.5	53.5
66	52.4	25.8	65.8





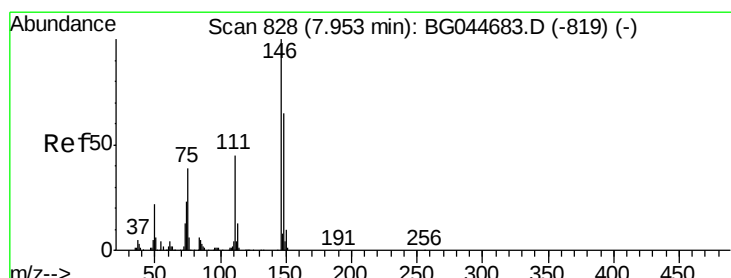
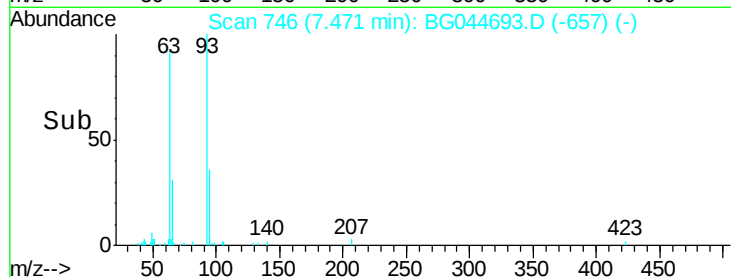
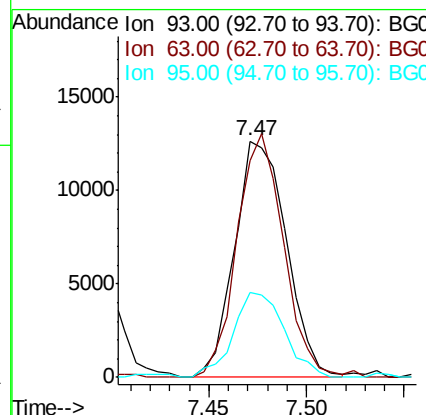
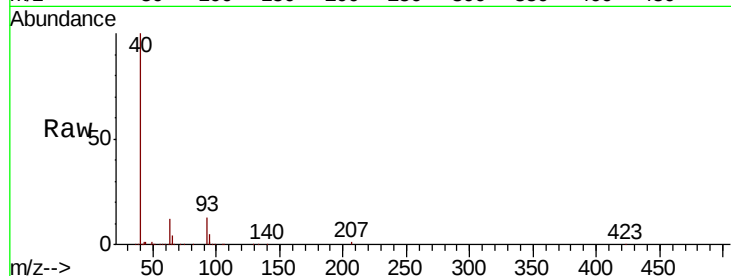
#11
bis(2-Chloroethyl)ether
Concen: 4.337 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.8	67.8	107.8
95	36.0	13.0	53.0

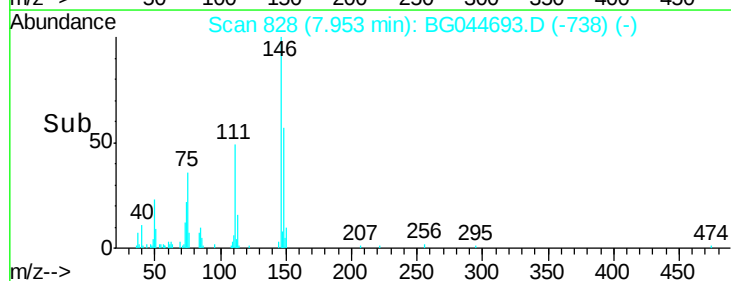
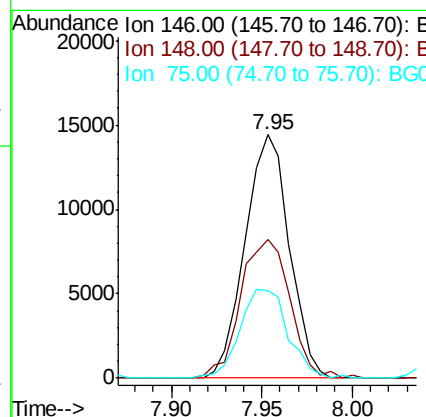
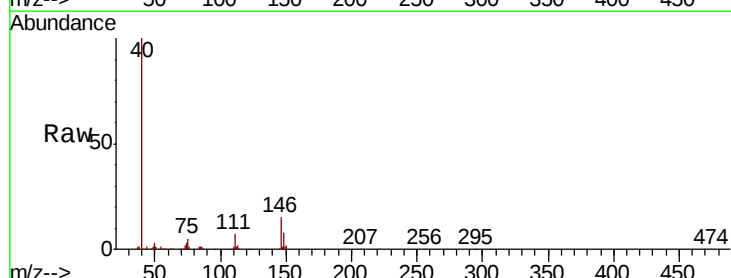
Manual Integrations
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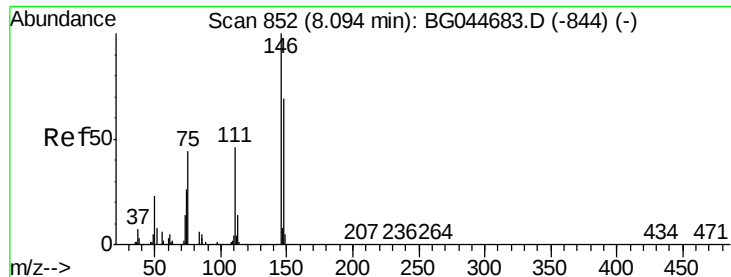
mohammad
3/9/2020 3:07:45 PM



#12
1,3-Dichlorobenzene
Concen: 4.330 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	56.7	51.9	77.9
75	35.9	31.0	46.6





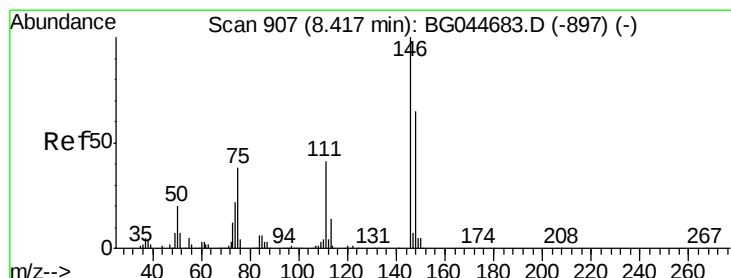
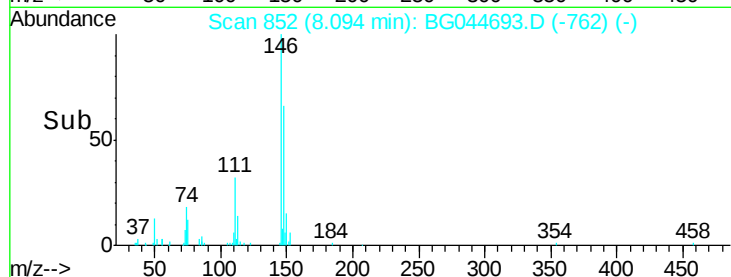
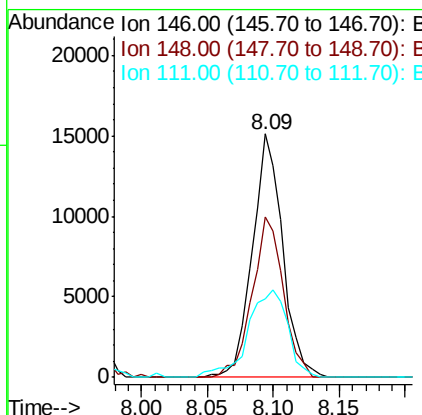
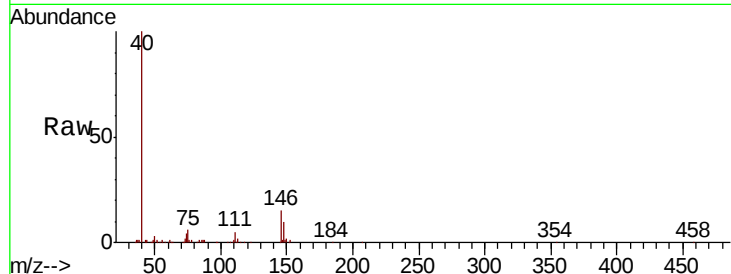
#13
 1,4-Dichlorobenzene
 Concen: 4.302 ng m
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	55.0	82.4
111	32.0	37.2	55.8

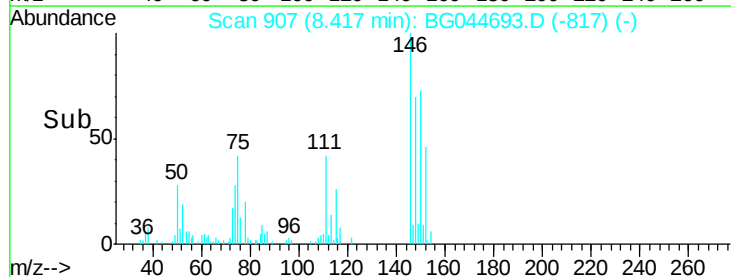
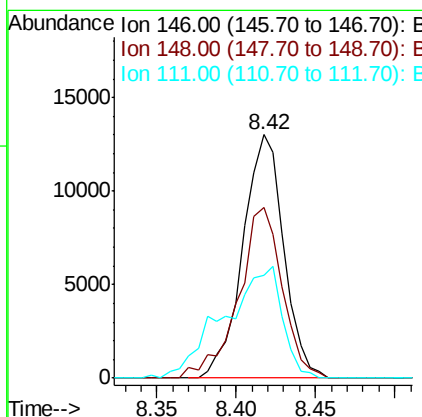
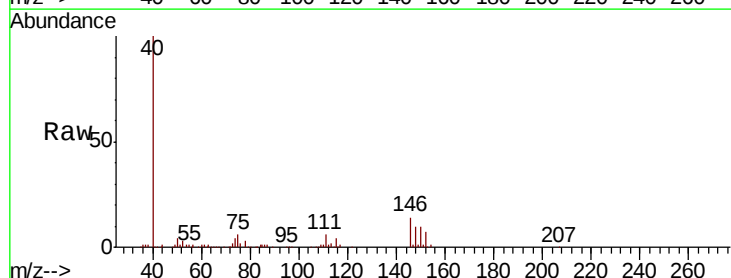
Manual Integrations
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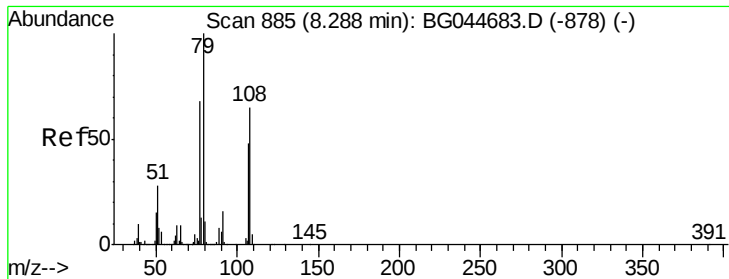
mohammad
 3/9/2020 3:07:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.380 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.2	51.8	77.8
111	42.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 3.850 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

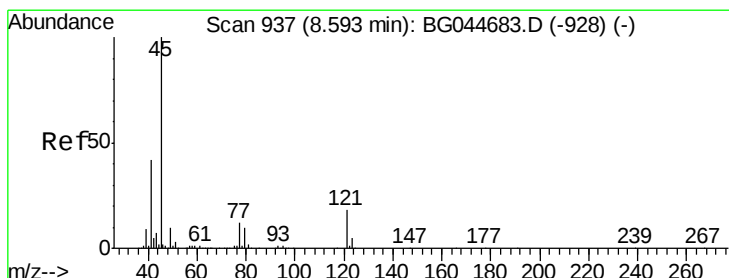
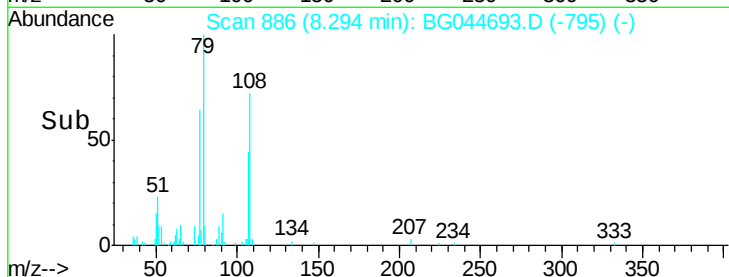
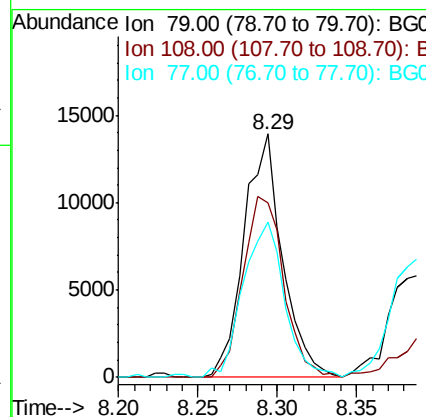
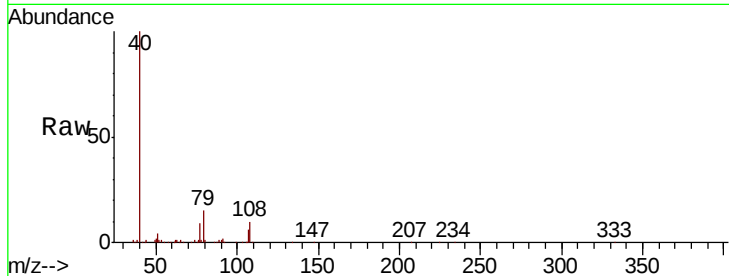
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	79	Resp:	23500
Ion Ratio	Lower	Upper	
79	100		
108	71.6	52.2	78.4
77	63.9	54.2	81.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.032 ng

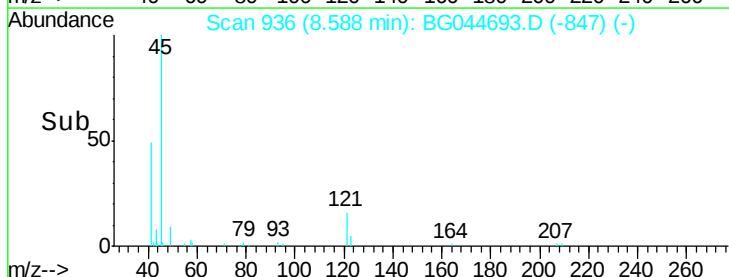
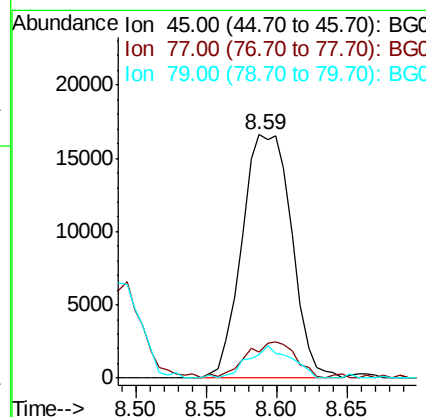
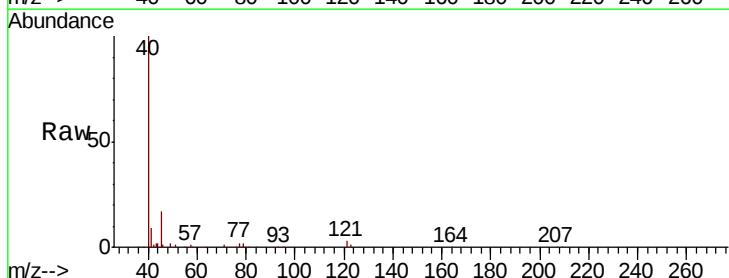
RT: 8.59 min Scan# 936

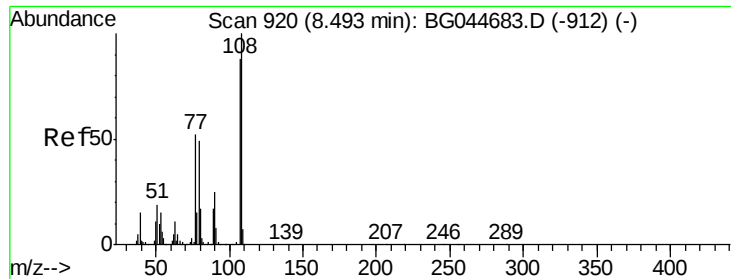
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	45	Resp:	40804
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	32.1
79	9.7	0.0	29.9





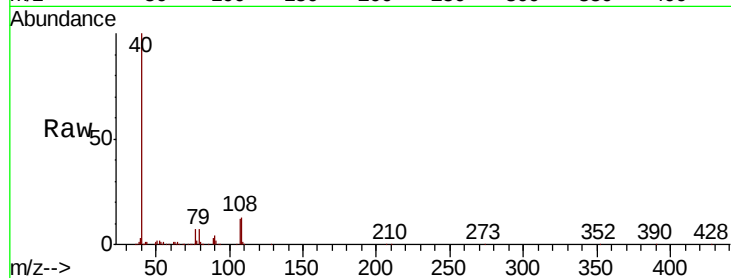
#17
2-Methylphenol
Concen: 4.016 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	90.5	135.7	
77	56.5	47.3	70.9	
79	55.3	44.6	67.0	

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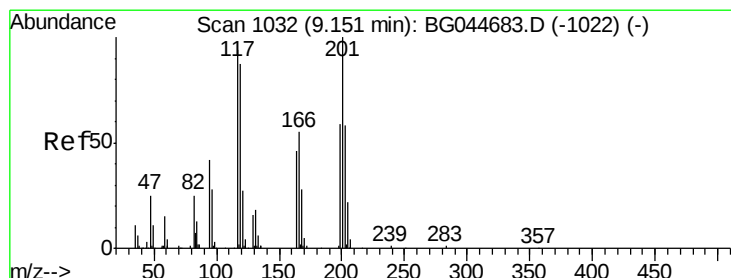
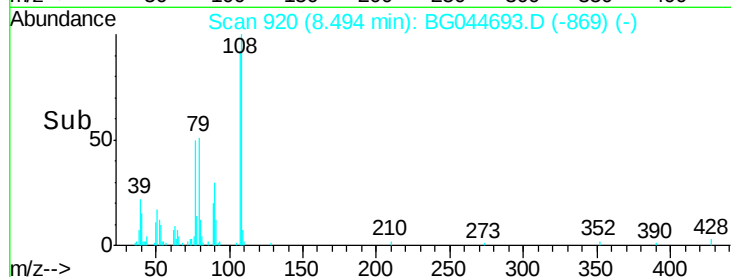
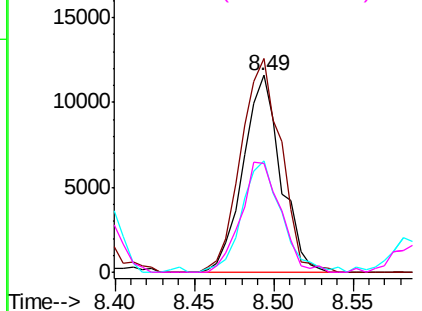
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

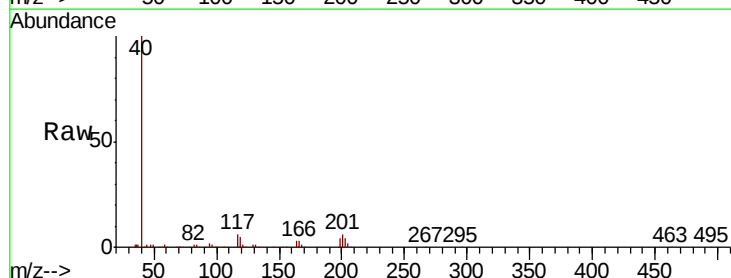
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 4.151 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	74.5	111.7	
201	101.7	85.5	128.3	

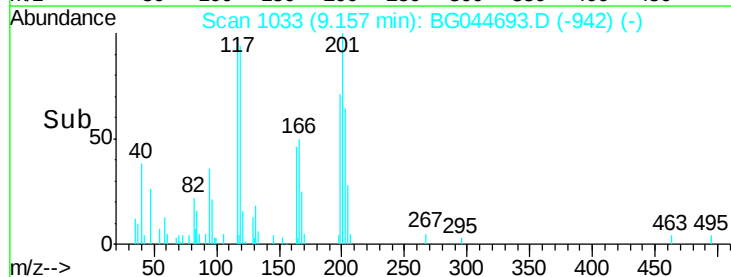
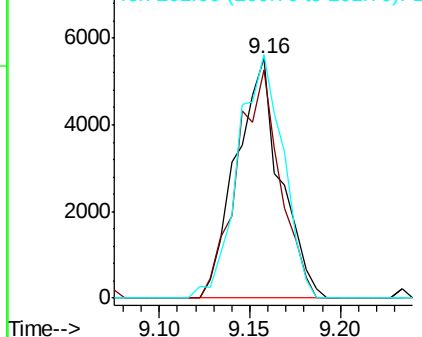


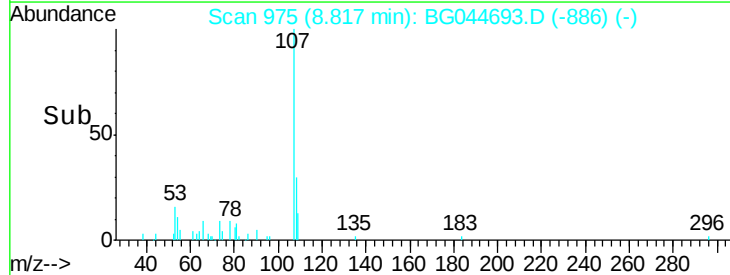
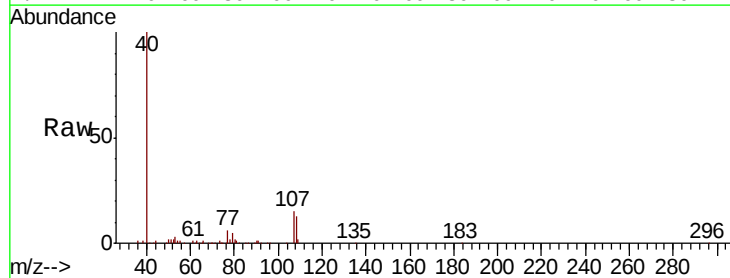
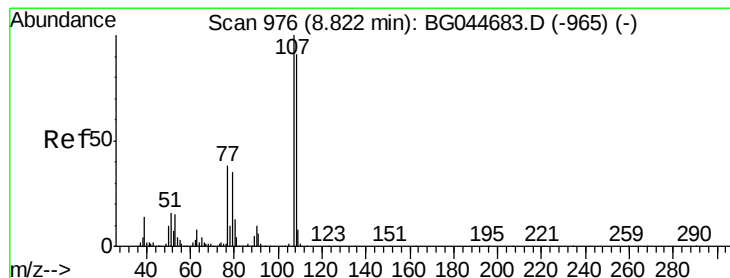
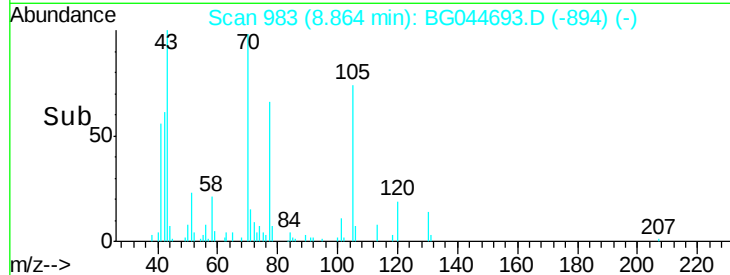
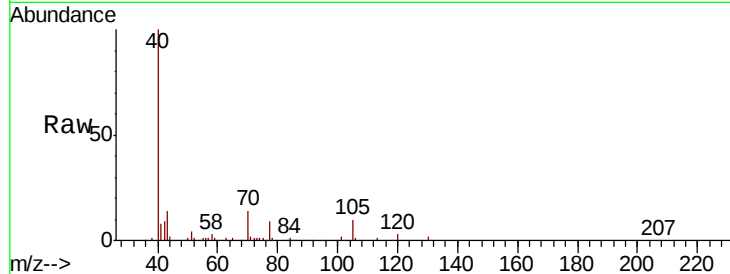
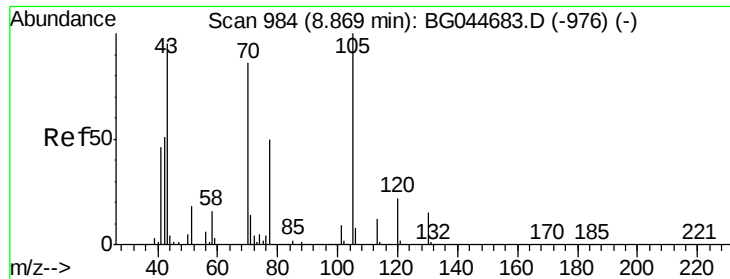
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

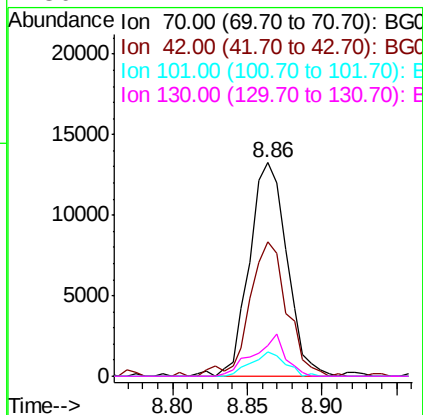
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 4.346 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.1	48.9	73.3	
101	11.3	8.0	12.0	
130	14.2	14.1	21.1	



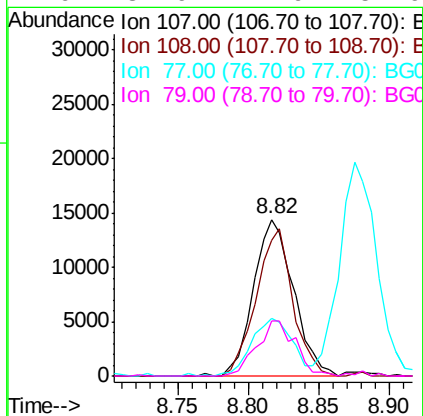
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

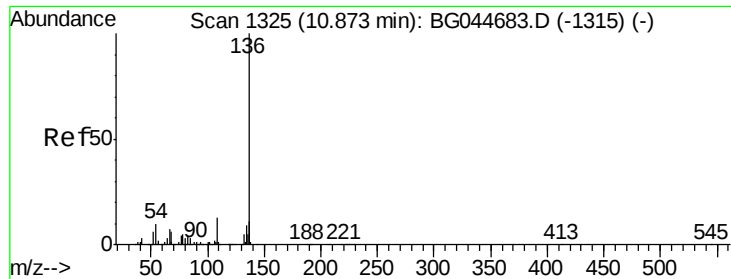
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#20
3+4-Methylphenols
Concen: 4.280 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	70.8	110.8	
77	36.6	17.8	57.8	
79	34.9	14.9	54.9	





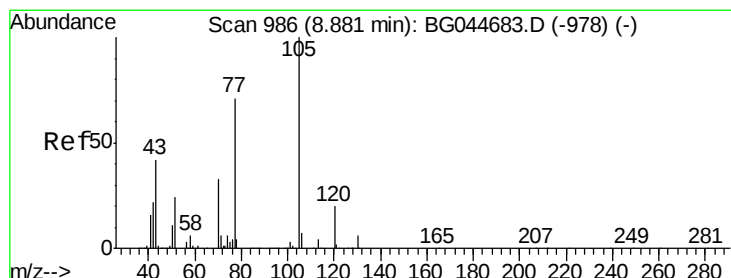
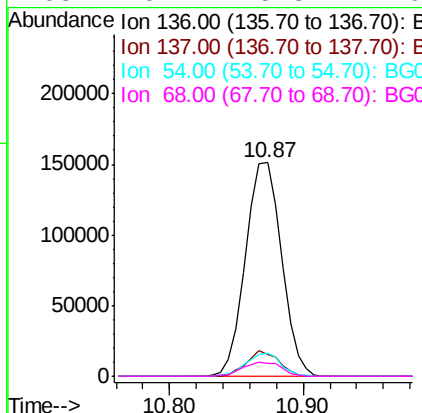
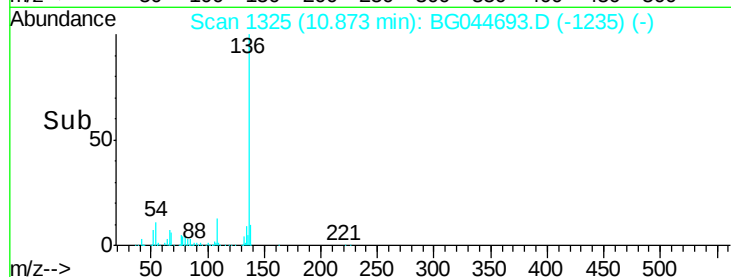
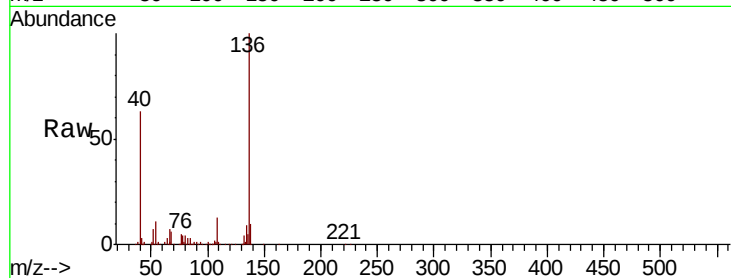
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	282112		
137	10.4	8.6	12.8	
54	10.7	8.2	12.4	
68	6.2	5.3	7.9	

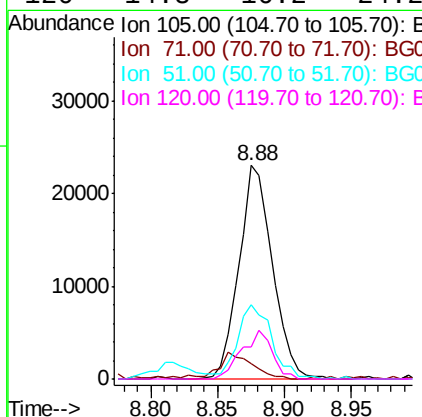
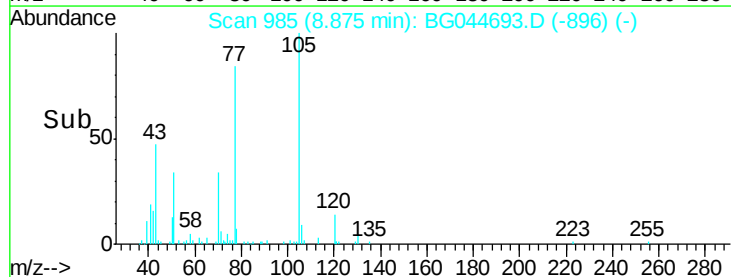
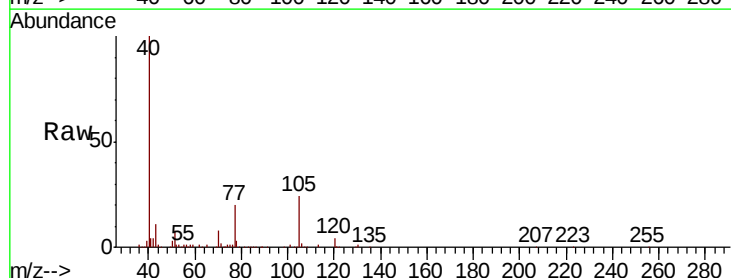
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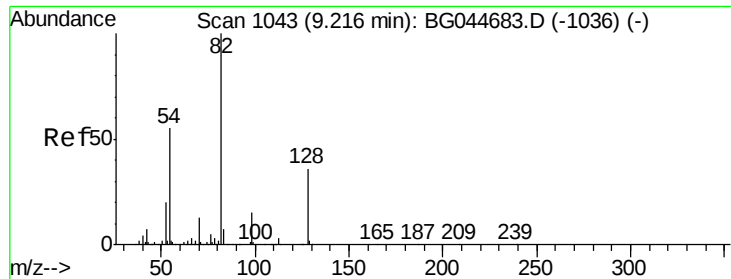
mohammad
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#22
Acetophenone
Concen: 4.856 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	39991		
71	7.1	4.8	7.2	
51	34.7	24.0	36.0	
120	14.8	16.2	24.2	#





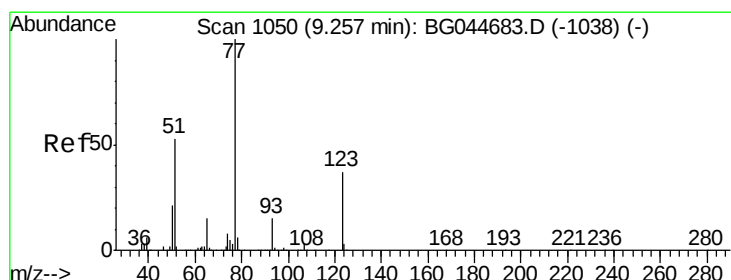
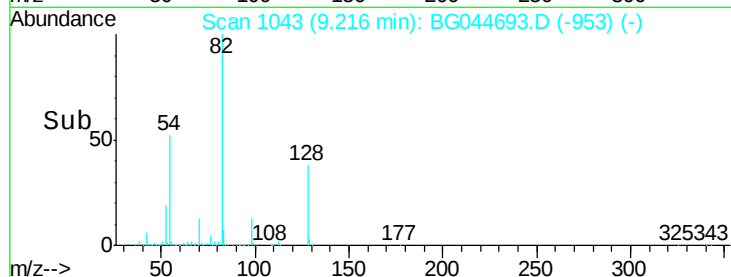
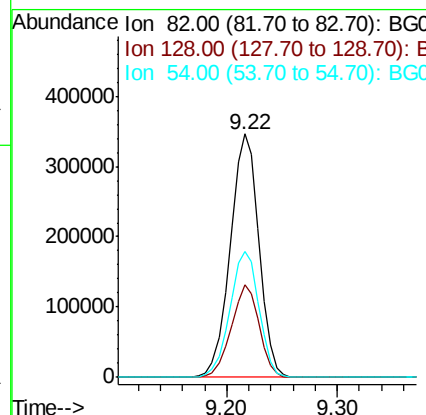
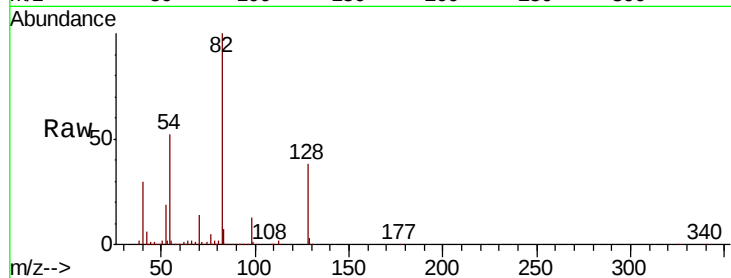
#23
 Nitrobenzene-d5
 Concen: 101.102 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	626435		
128	37.9	28.5	42.7	
54	51.6	43.6	65.4	

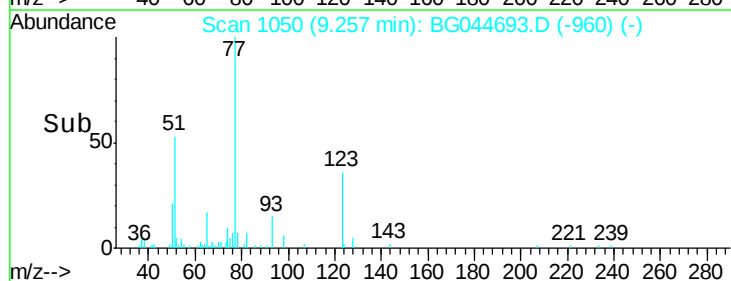
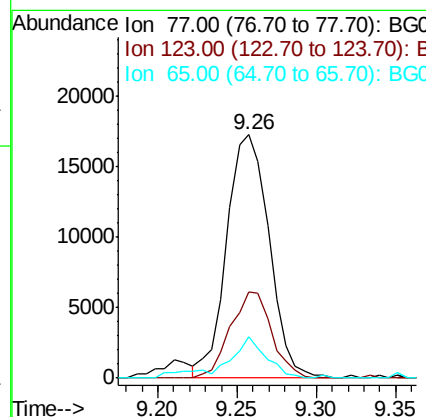
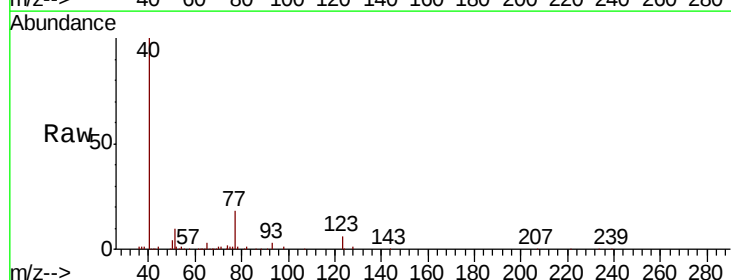
Manual Integrations
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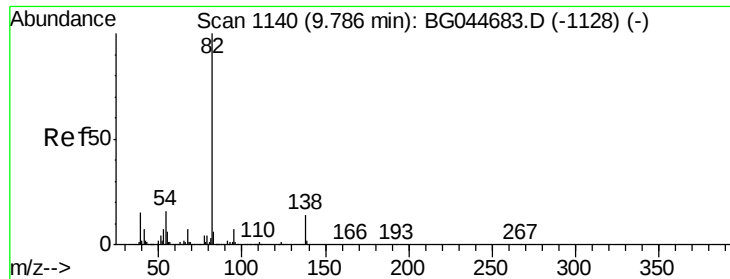
mohammad
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#24
 Nitrobenzene
 Concen: 4.865 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	31963		
123	35.3	29.7	44.5	
65	17.0	11.7	17.5	





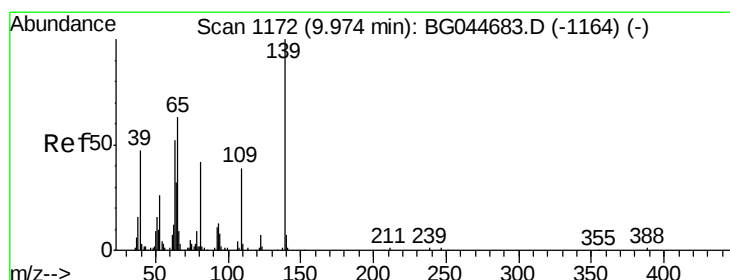
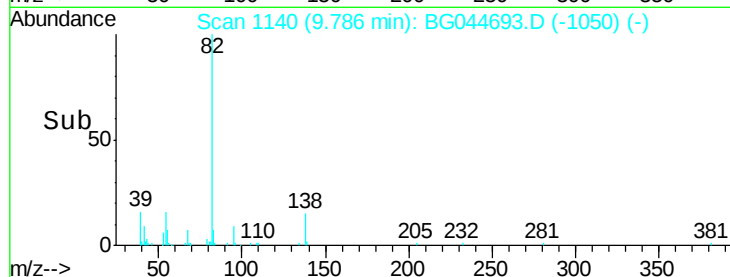
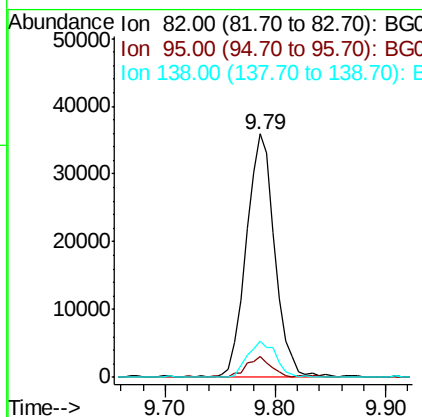
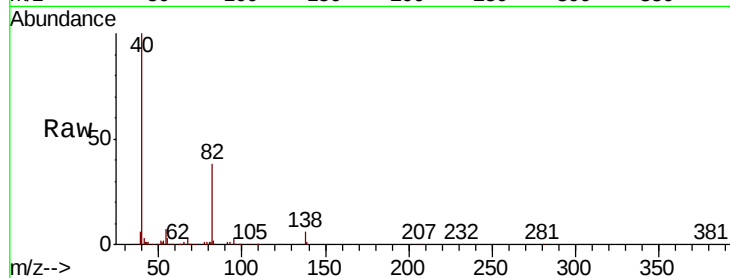
#25
Isophorone
Concen: 4.737 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	6.0	9.0	
138	14.8	11.2	16.8	

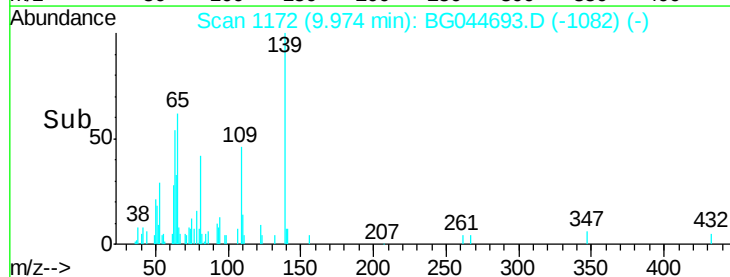
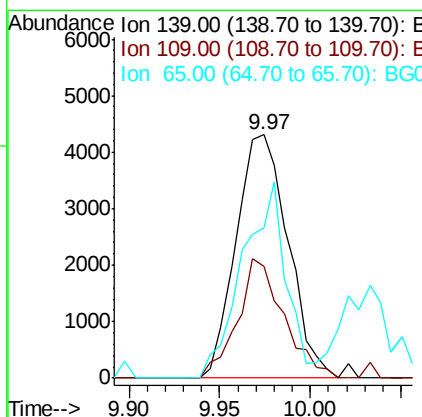
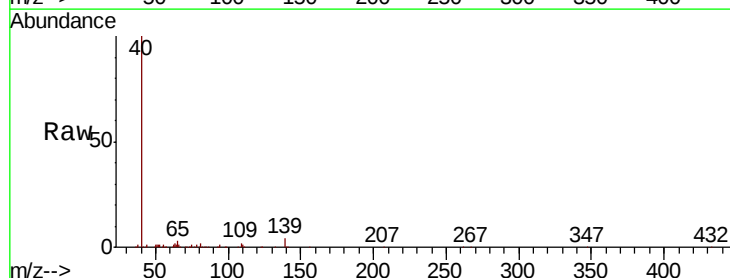
Manual Integrations
APPROVED

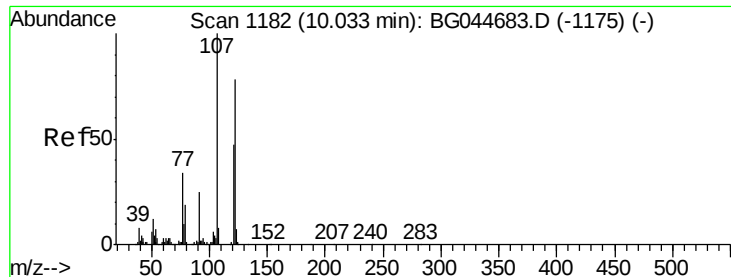
mohammad
3/9/2020 3:07:45 PM



#26
2-Nitrophenol
Concen: 3.988 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	45.9	31.1	46.7	
65	61.8	50.2	75.4	





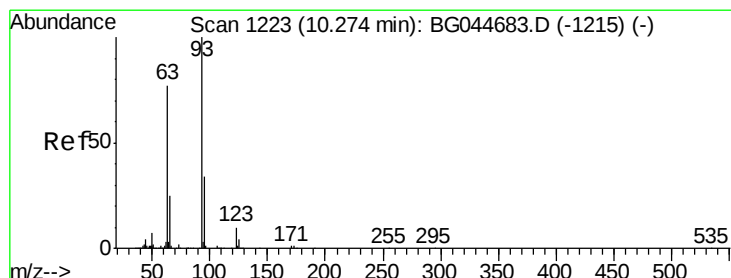
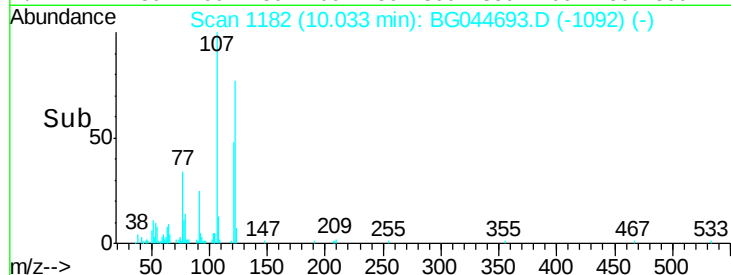
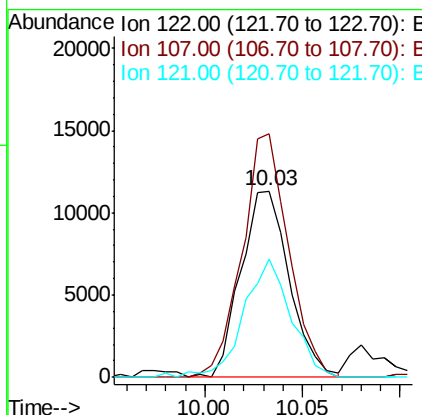
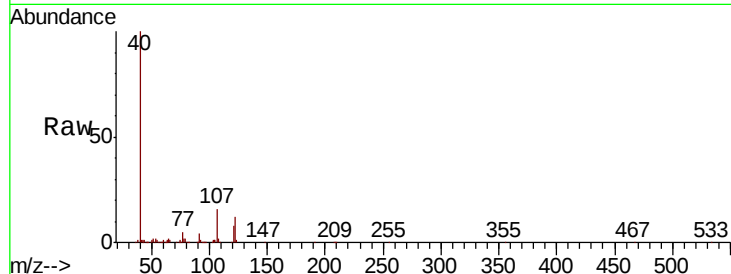
#27
2,4-Dimethylphenol
Concen: 4.542 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.7	101.7	152.5
121	63.3	47.5	71.3

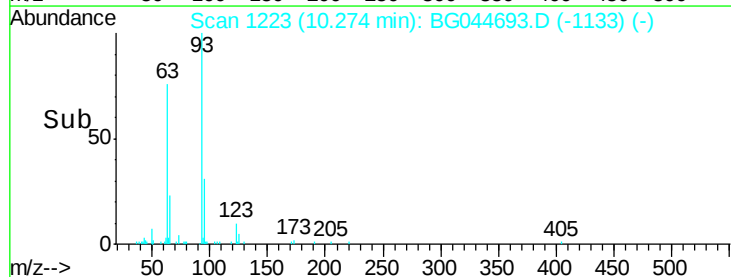
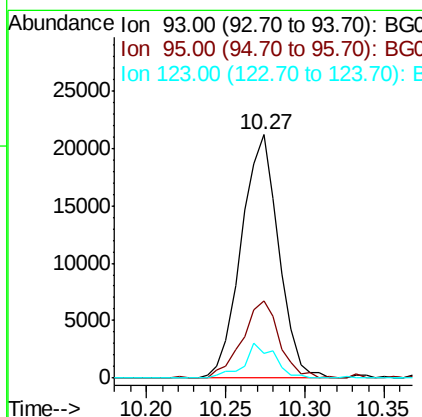
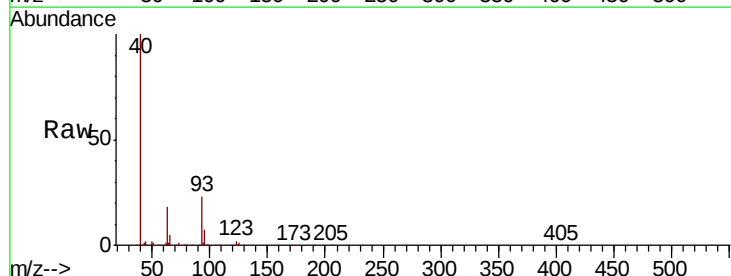
Manual Integrations
APPROVED

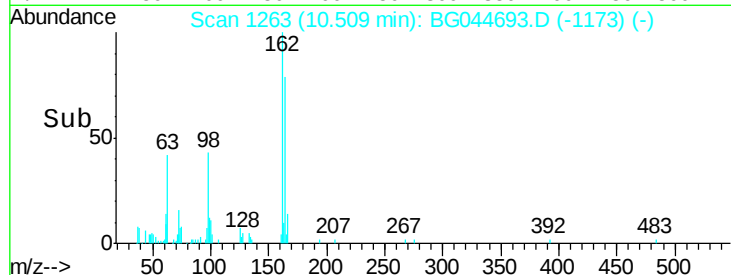
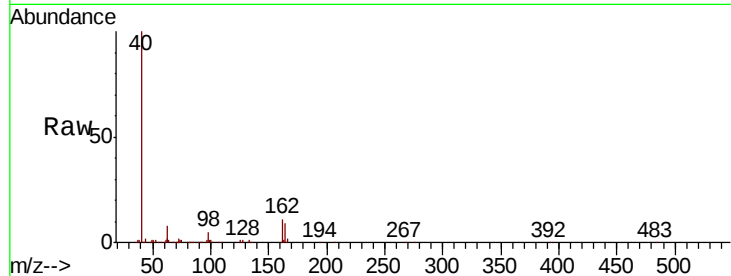
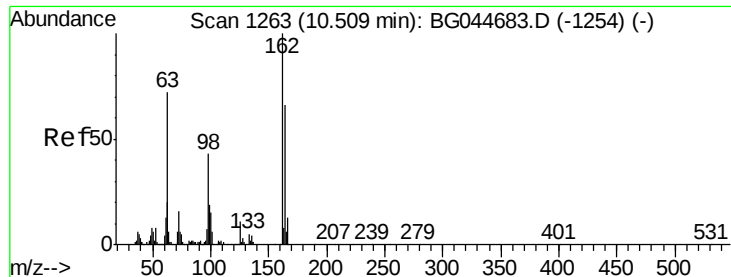
mohammad
3/9/2020 3:07:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 4.492 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.0	40.6
123	10.4	8.3	12.5





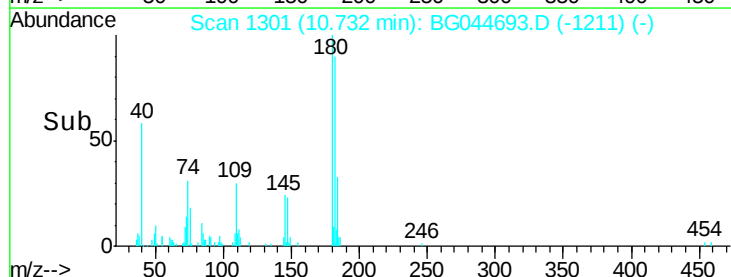
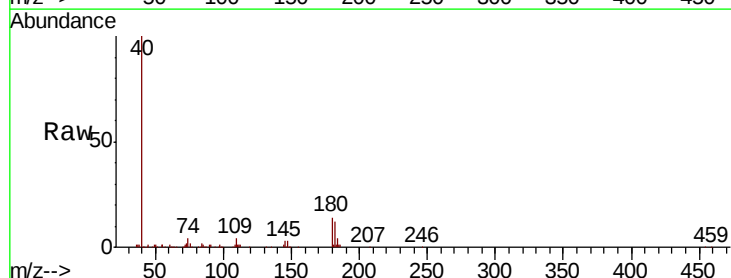
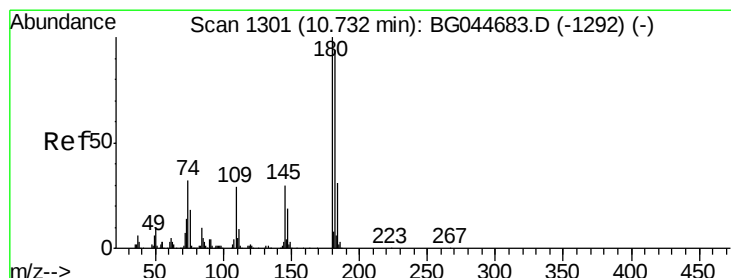
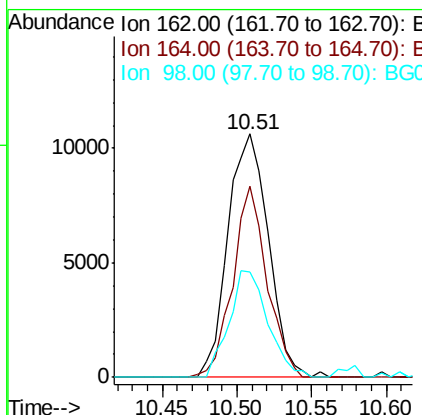
#29
2,4-Dichlorophenol
Concen: 4.125 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	78.5	46.1	86.1
98	43.2	22.8	62.8

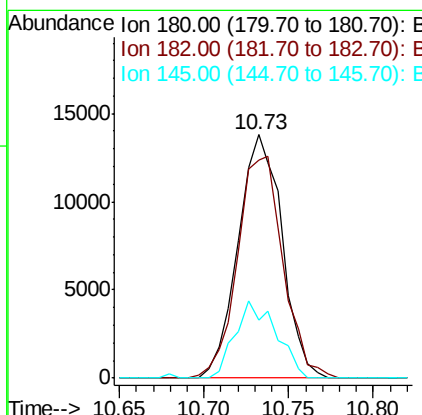
Manual Integrations
APPROVED

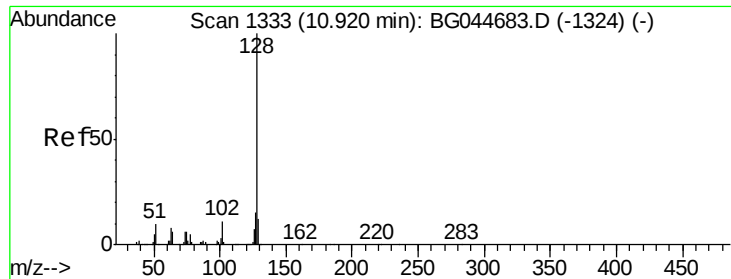
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#30
1,2,4-Trichlorobenzene
Concen: 4.408 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	75.1	112.7
145	24.0	23.8	35.8





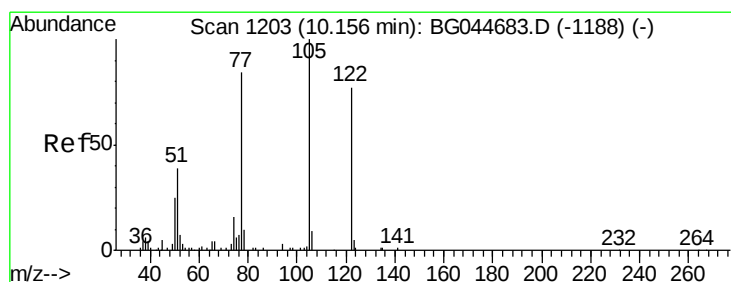
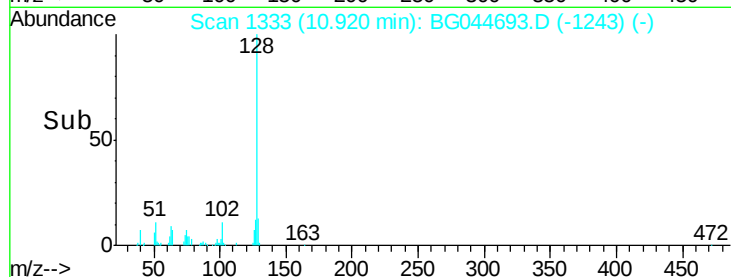
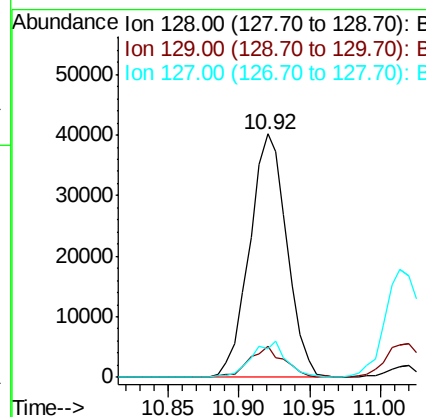
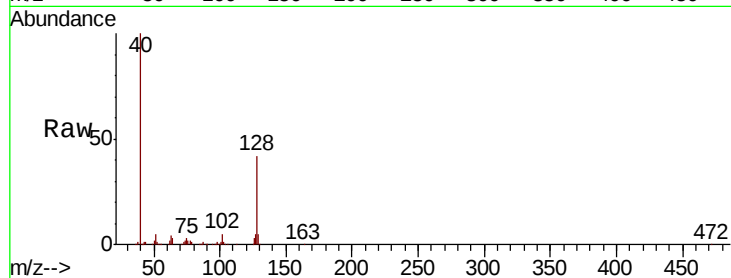
#31
Naphthalene
Concen: 4.701 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.7	14.5
127	11.9	11.6	17.4

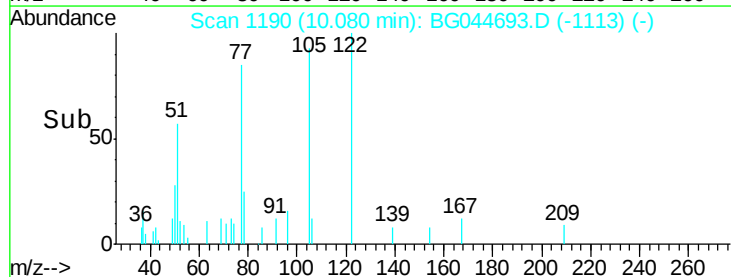
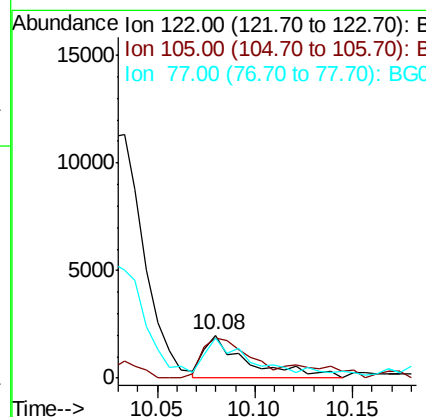
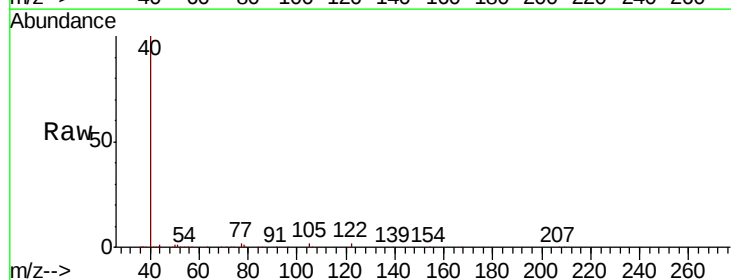
Manual Integrations
APPROVED

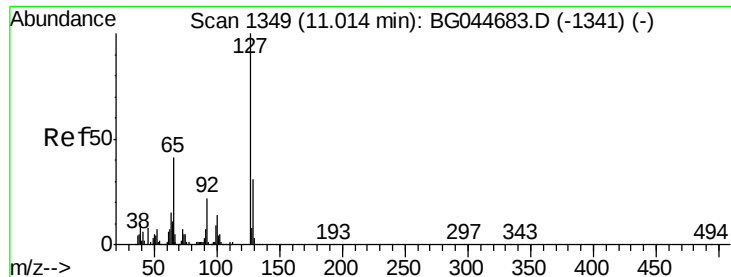
mohammad
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#32
Benzoic acid
Concen: 1.033 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	92.6	105.1	145.1#
77	94.0	87.7	127.7





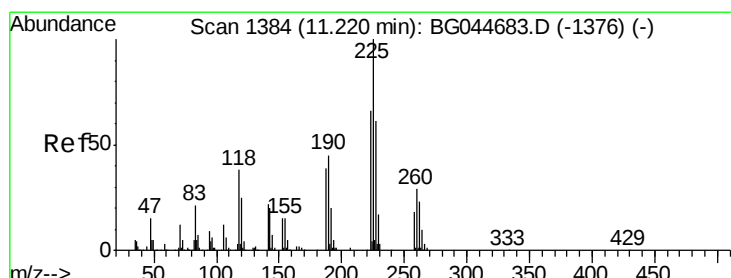
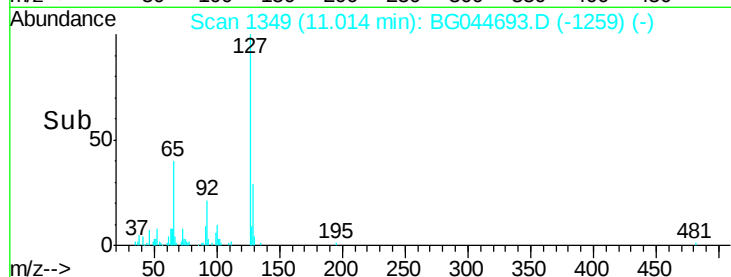
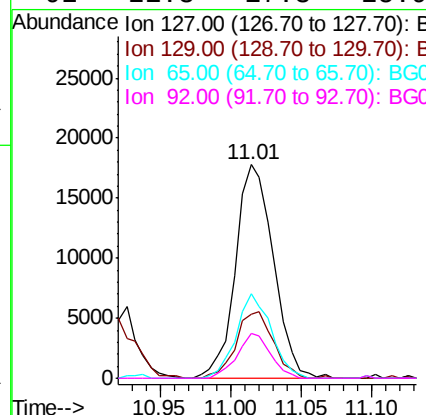
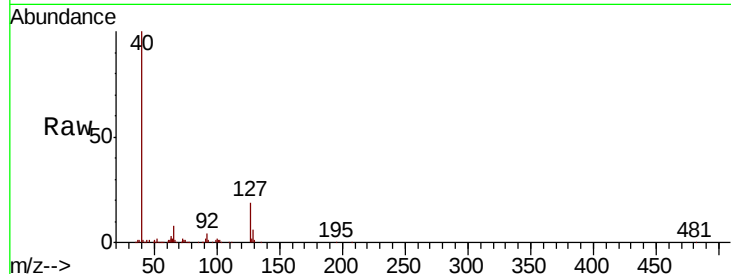
#33
4-Chloroaniline
Concen: 4.576 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	25.0	37.4		
65	39.6	32.7	49.1		
92	21.3	17.3	25.9		

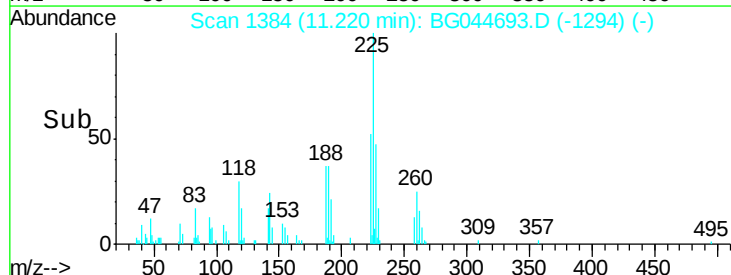
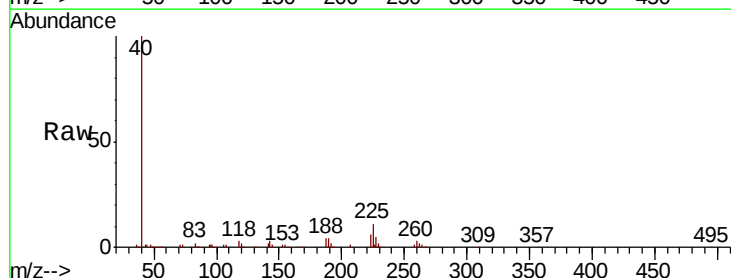
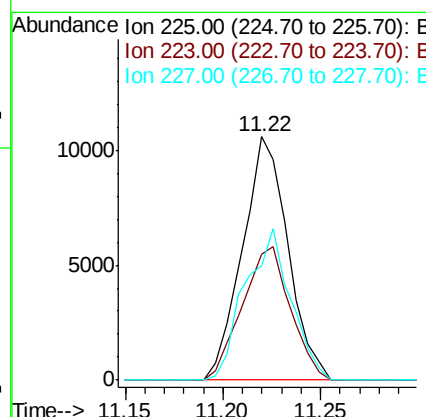
Manual Integrations
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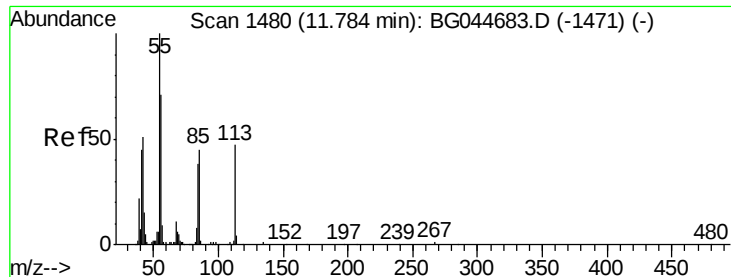
mohammad
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#34
Hexachlorobutadiene
Concen: 4.415 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	51.6	52.4	78.6#		
227	47.0	48.7	73.1#		





#35

Caprolactam

Concen: 4.196 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

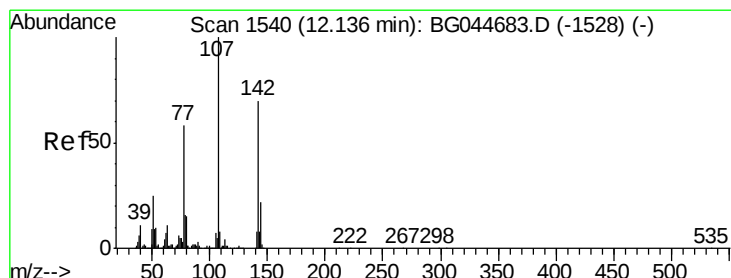
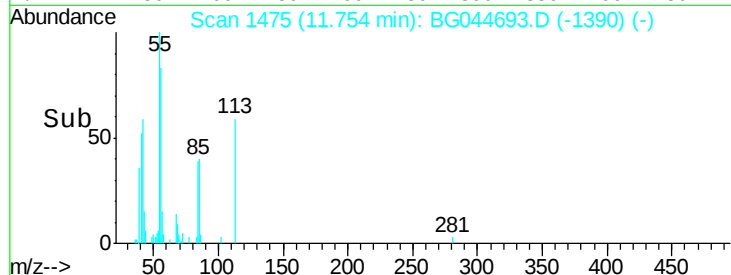
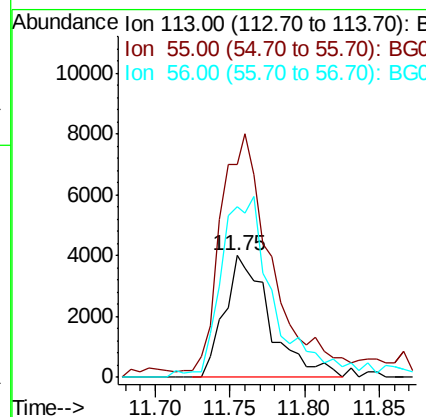
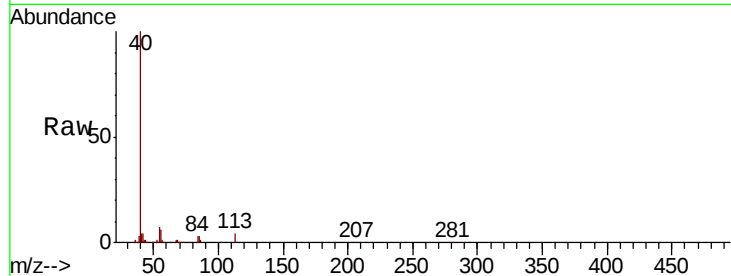
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.2	194.3	234.3#
56	140.1	131.4	171.4

Manual Integrations
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3/9/2020 3:07:45 PM



#36

4-Chloro-3-methylphenol

Concen: 4.108 ng

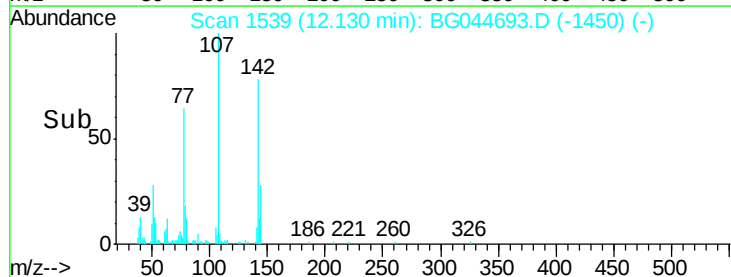
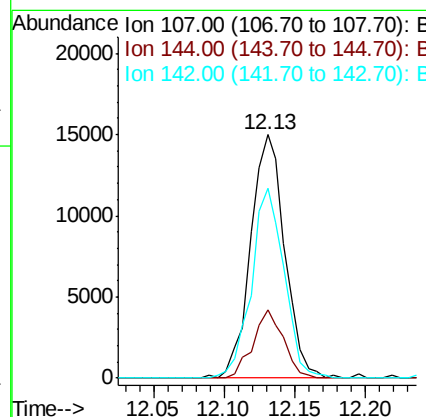
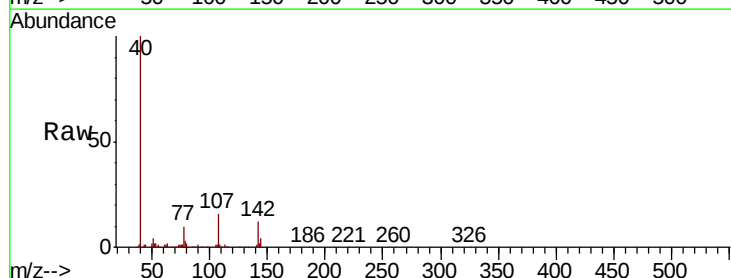
RT: 12.13 min Scan# 1539

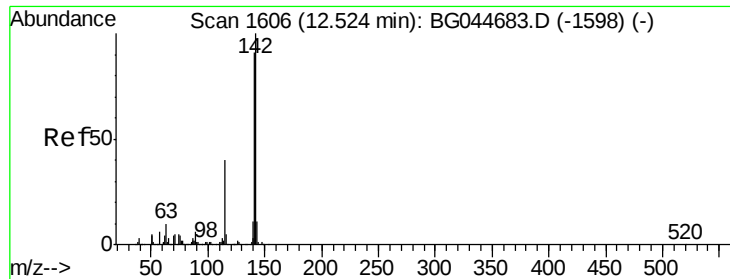
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	17.9	26.9#
142	77.8	55.8	83.8





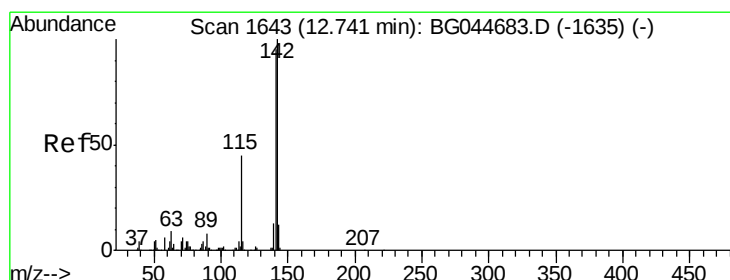
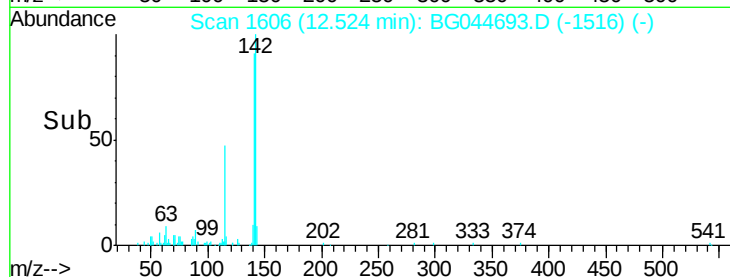
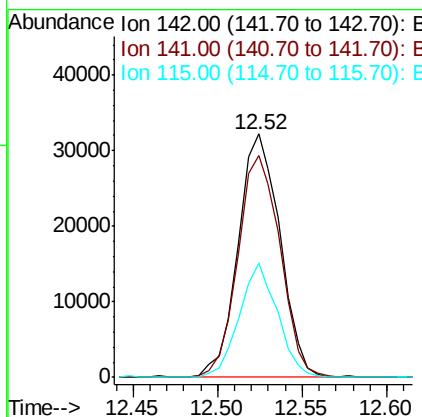
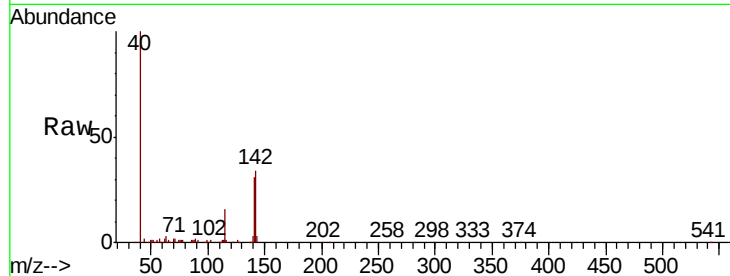
#37
2-Methylnaphthalene
Concen: 4.635 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
115	46.8	32.3	48.5

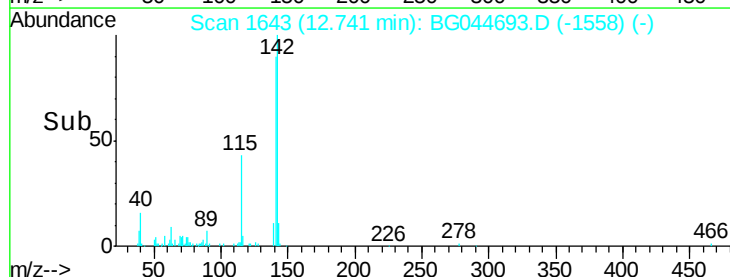
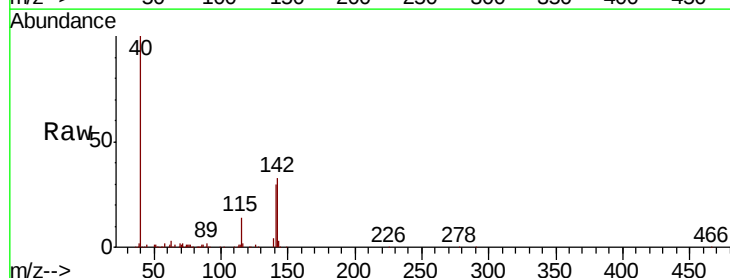
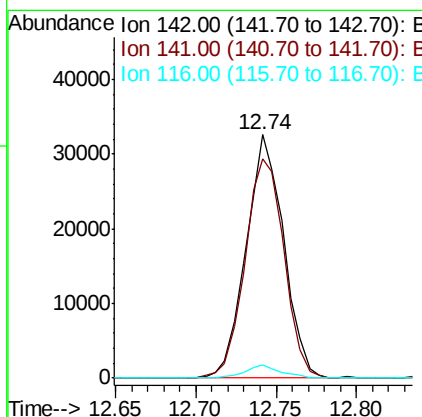
Manual Integrations
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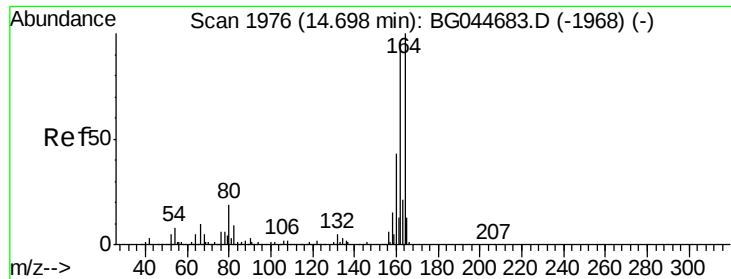
mohammad
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#38
1-Methylnaphthalene
Concen: 4.691 ng m
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	76.2	114.2
116	5.2	3.4	5.0#





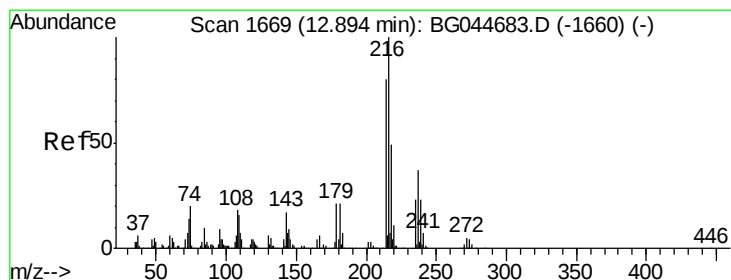
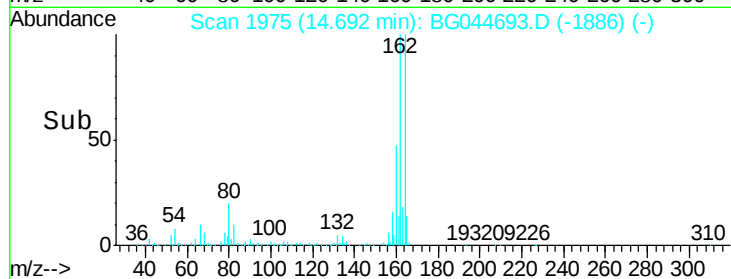
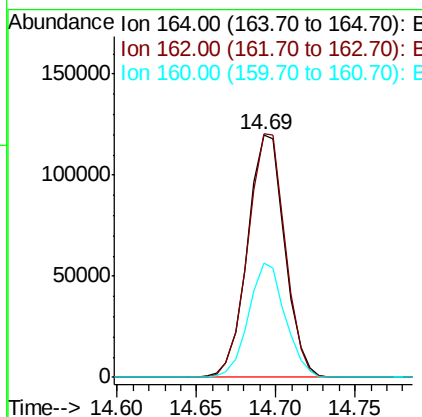
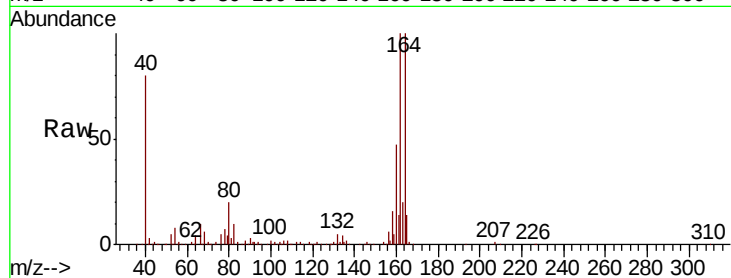
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	76.5	114.7
160	47.0	34.8	52.2

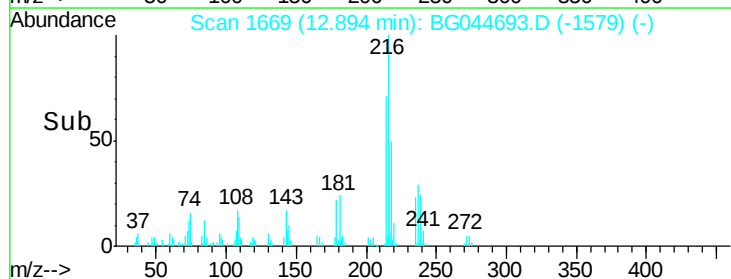
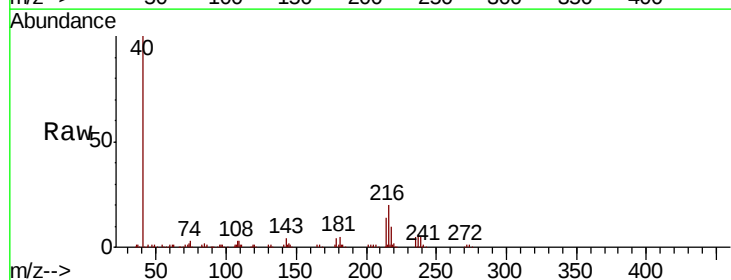
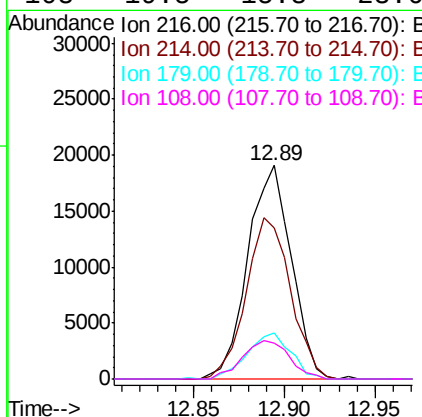
Manual Integrations
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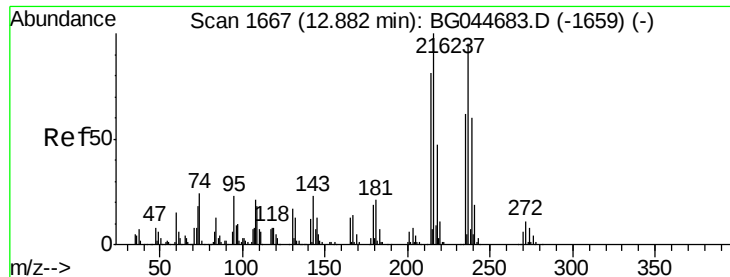
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.006 ng
RT: 12.89 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	64.5	96.7
179	21.9	16.7	25.1
108	19.5	15.8	23.6





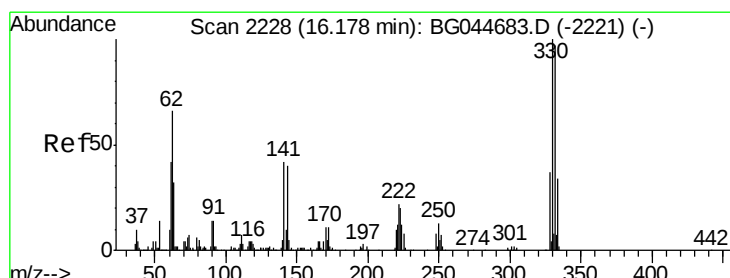
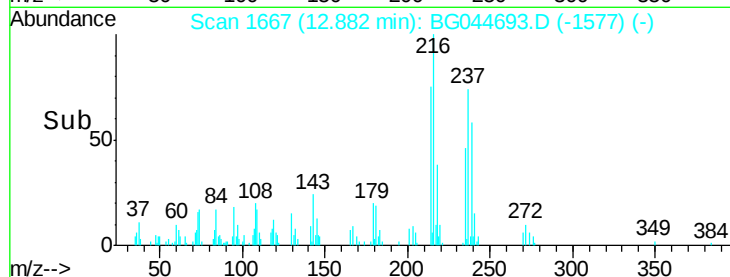
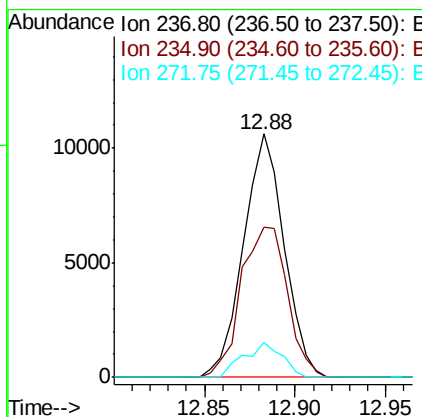
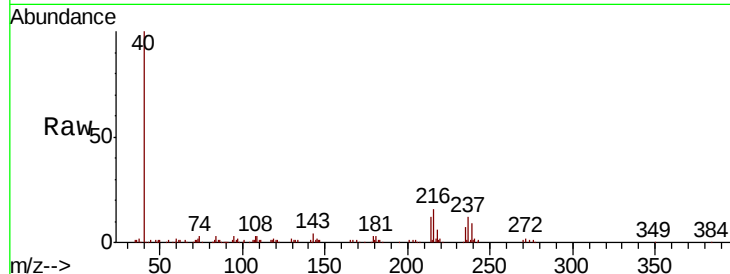
#41
Hexachlorocyclopentadiene
Concen: 4.456 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
237	100	16552		
235	61.6		44.7	84.7
272	14.1		0.0	31.7

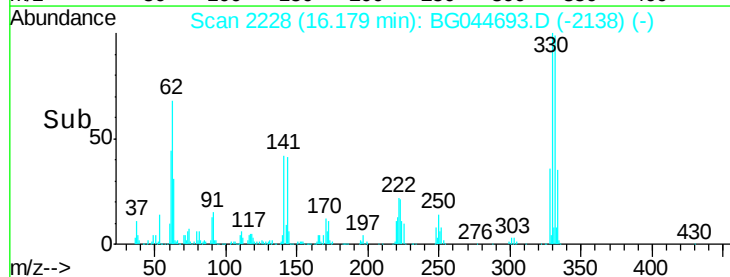
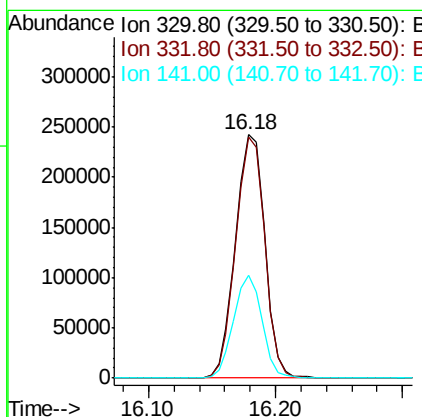
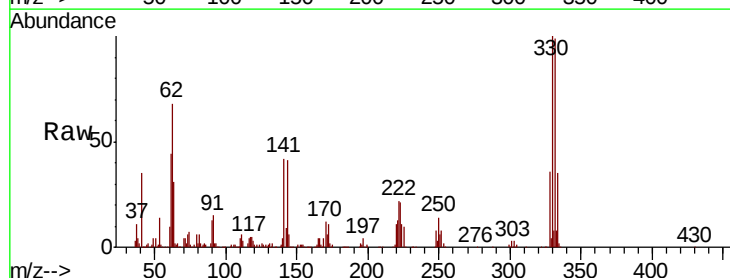
Manual Integrations
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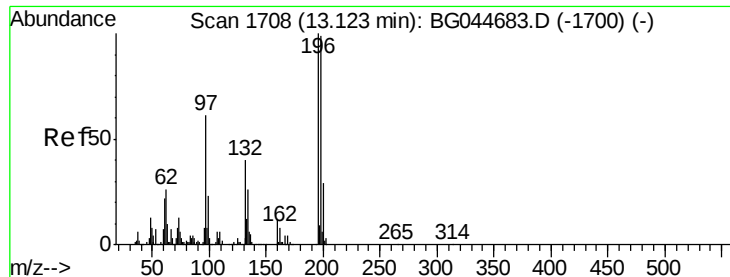
mohammad
3/9/2020 3:07:45 PM



#42
2,4,6-Tribromophenol
Concen: 145.126 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	390103		
332	97.5		77.0	115.6
141	40.7		32.4	48.6





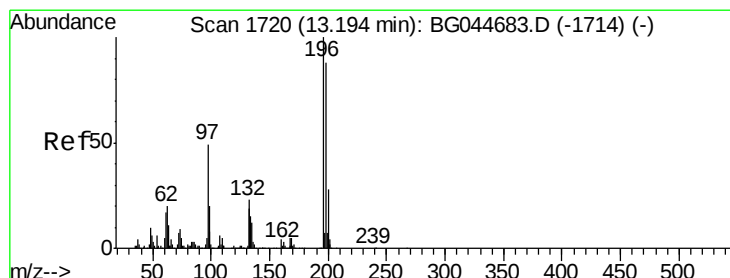
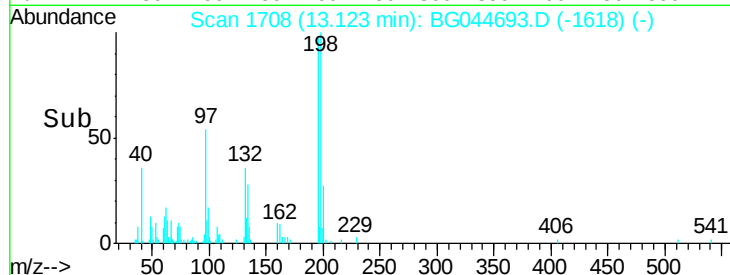
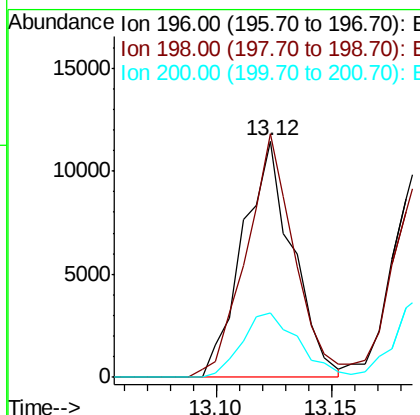
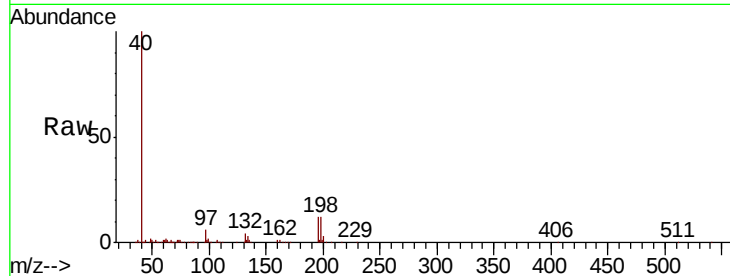
#43
 2,4,6-Trichlorophenol
 Concen: 3.906 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.1	79.3	118.9
200	27.4	23.0	34.6

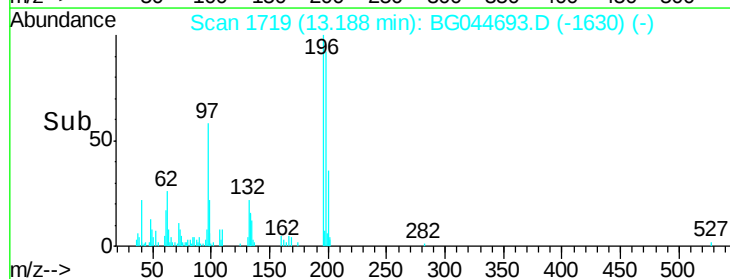
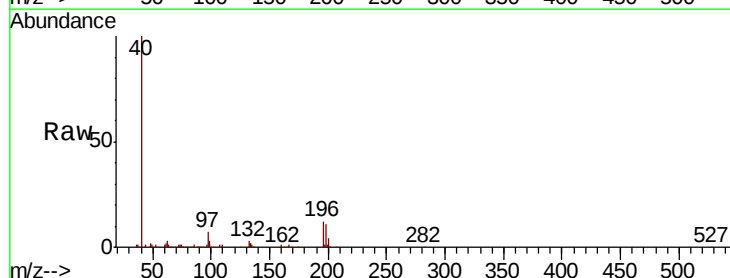
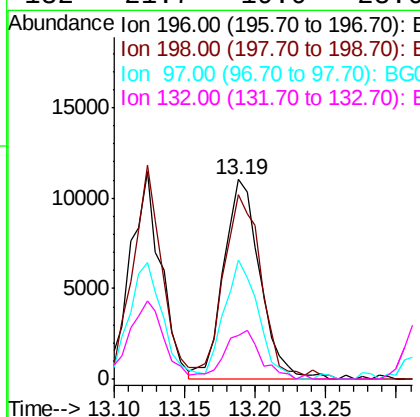
Manual Integrations
 APPROVED

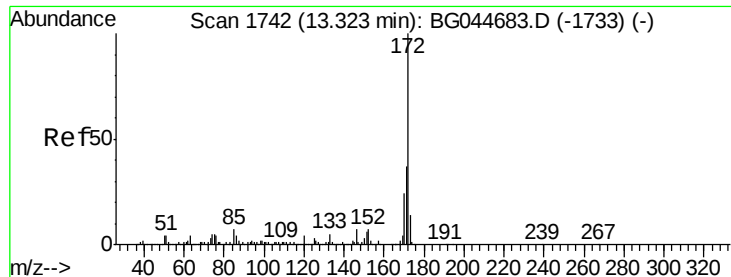
mohammad
 3/9/2020 3:07:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 4.403 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	70.7	106.1
97	60.1	39.4	59.2#
132	21.7	19.0	28.6





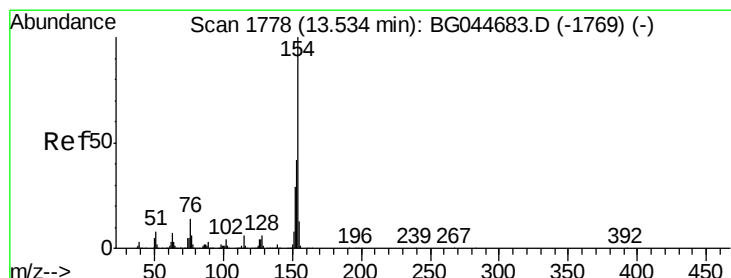
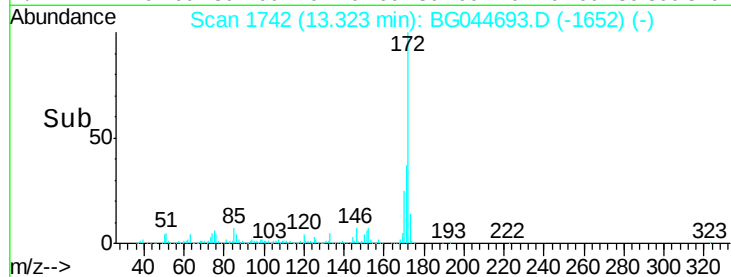
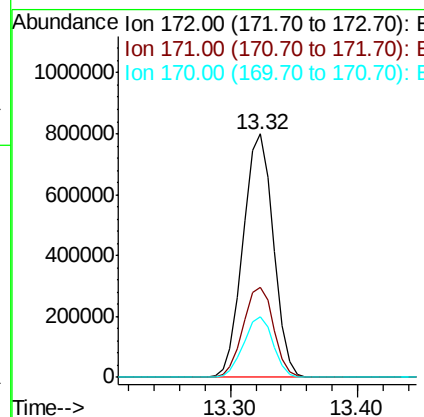
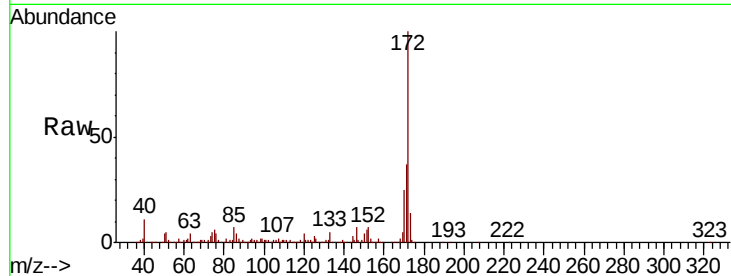
#45
 2-Fluorobiphenyl
 Concen: 94.257 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.8
170	25.0	19.3	28.9

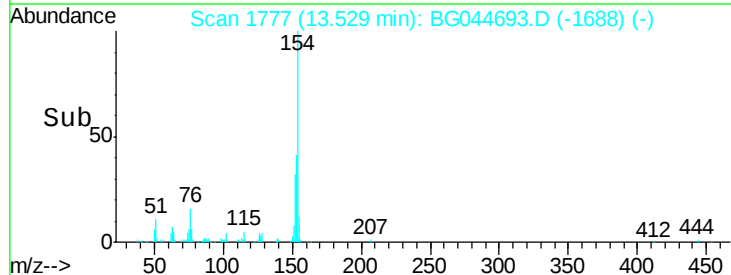
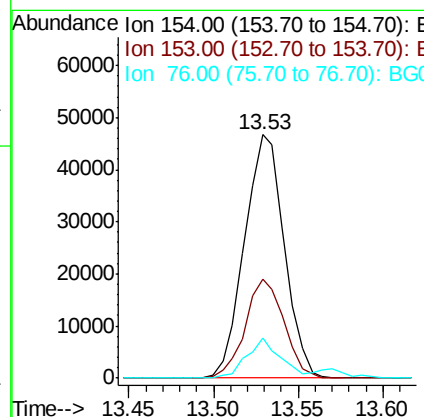
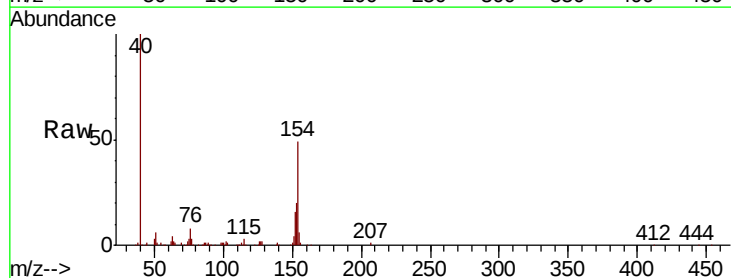
Manual Integrations
 APPROVED

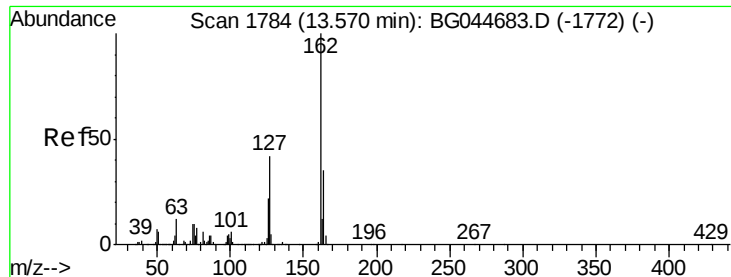
mohammad
 3/9/2020 3:07:45 PM



#46
 1,1'-Biphenyl
 Concen: 4.887 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.1	62.1
76	16.4	0.0	34.5





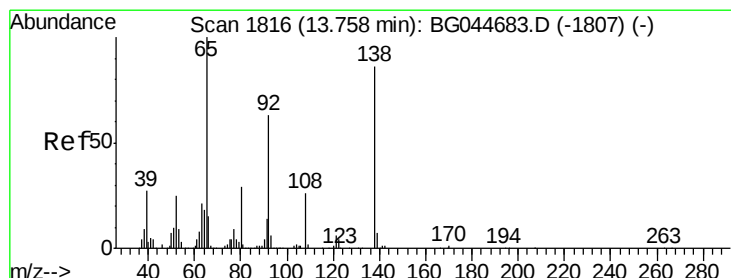
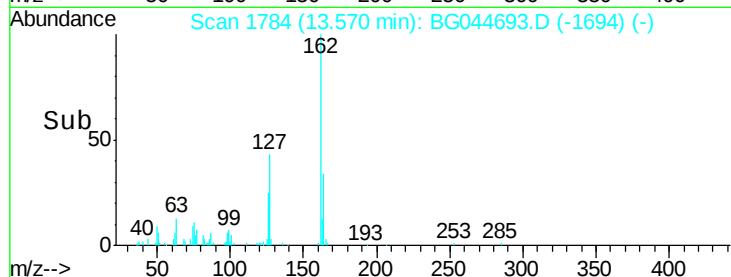
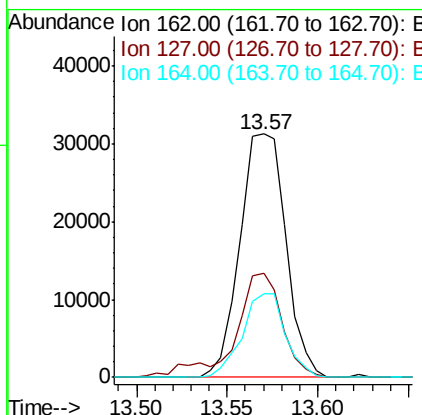
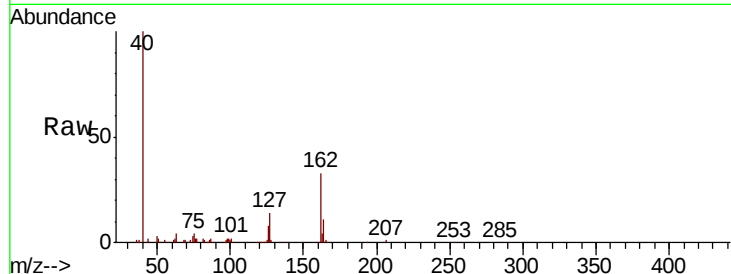
#47
2-Chloronaphthalene
Concen: 4.677 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	34.2	28.3	42.5

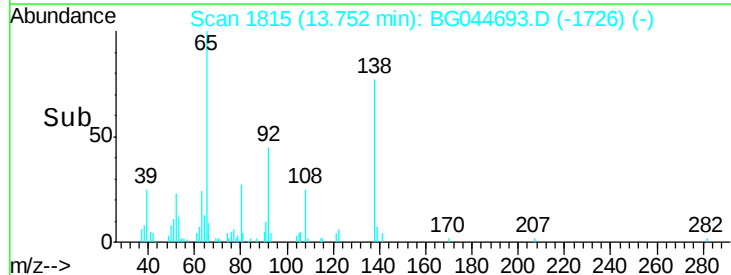
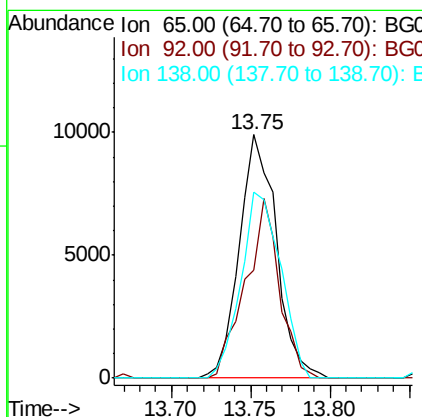
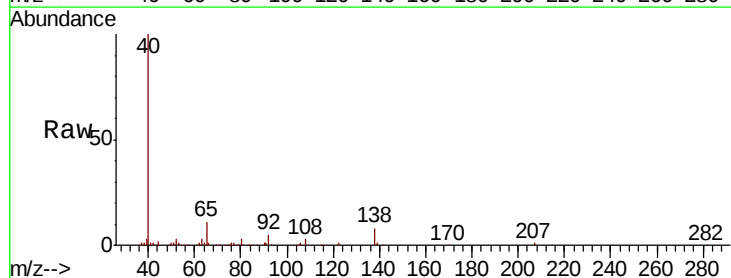
Manual Integrations
APPROVED

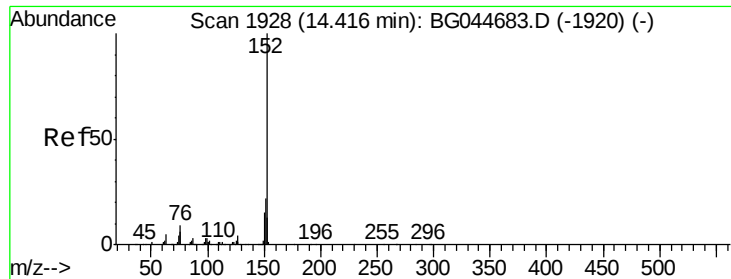
mohammad
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#48
2-Nitroaniline
Concen: 4.006 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	44.6	50.6	75.8#
138	76.5	68.8	103.2





#49

Acenaphthylene

Concen: 5.091 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

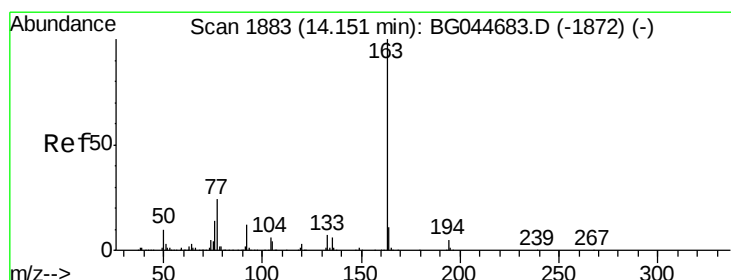
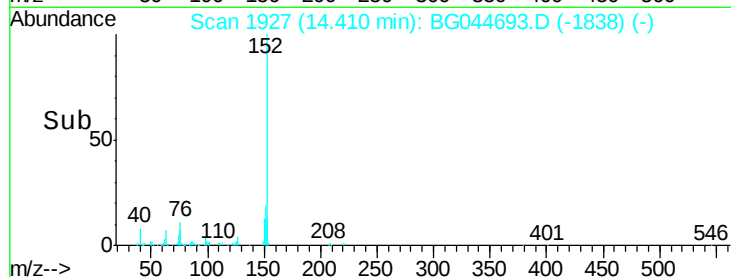
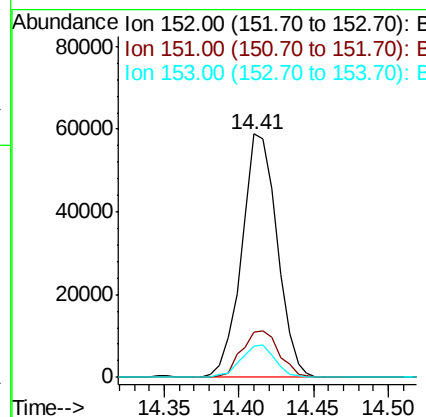
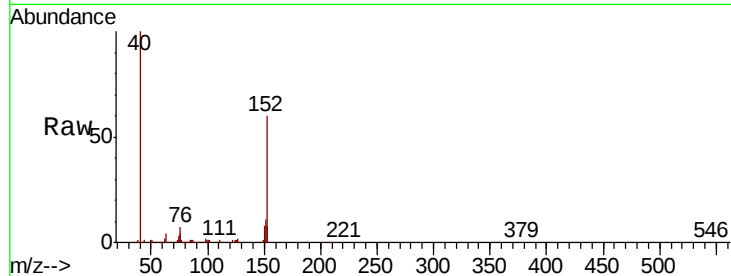
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	152	Resp:	96827
Ion Ratio	Lower	Upper	
152	100		
151	18.8	17.6	26.4
153	13.0	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 4.705 ng

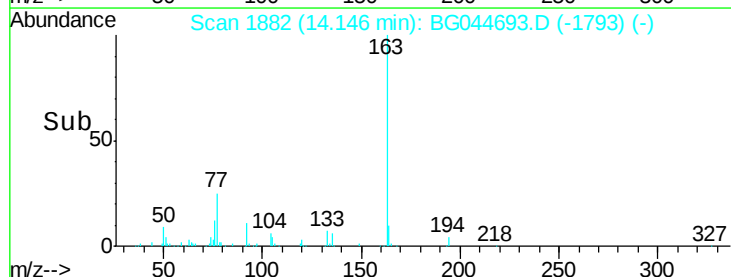
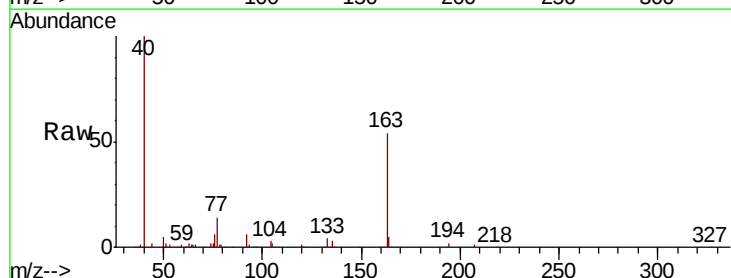
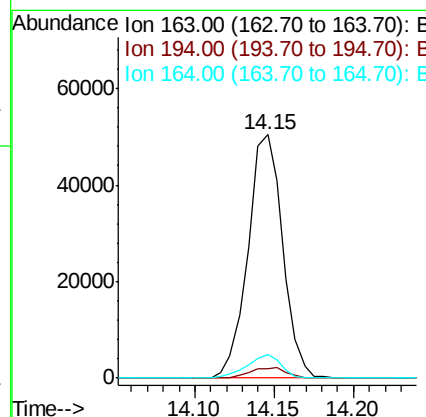
RT: 14.15 min Scan# 1882

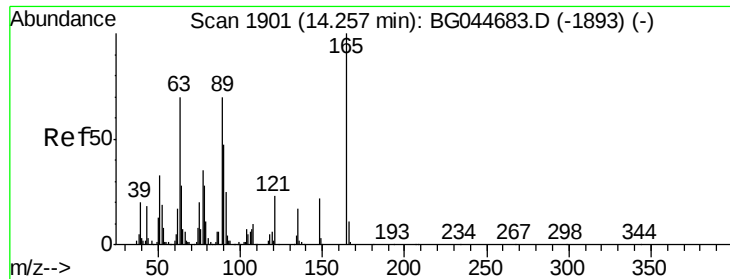
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	163	Resp:	76542
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	9.5	8.6	12.8





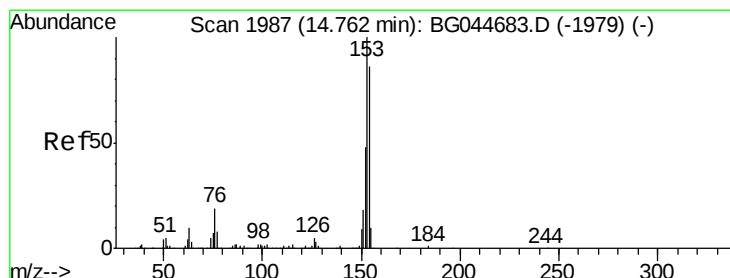
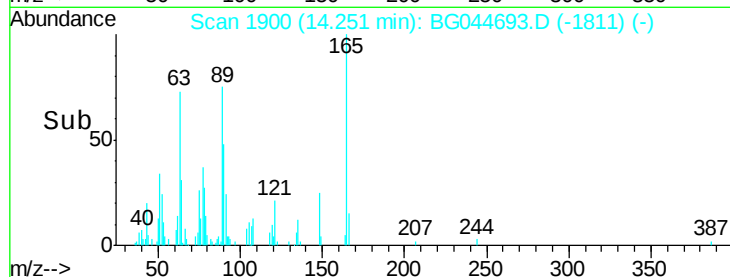
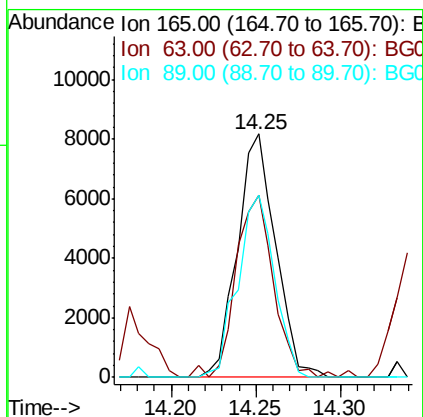
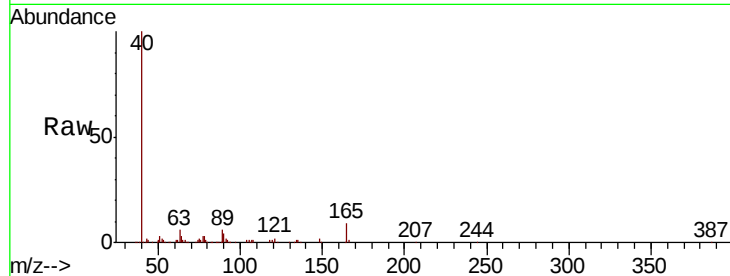
#51
2,6-Dinitrotoluene
Concen: 4.406 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	74.9	57.4	86.0
89	74.9	56.2	84.2

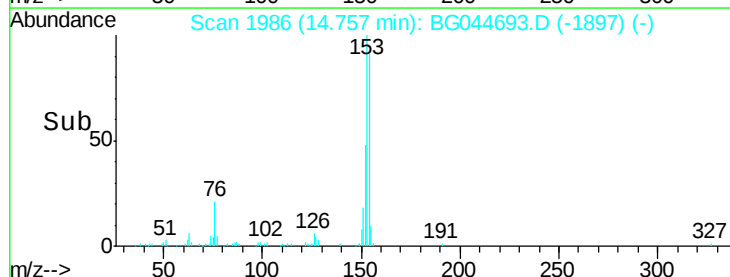
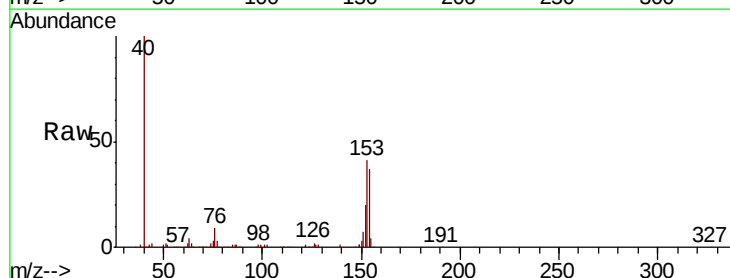
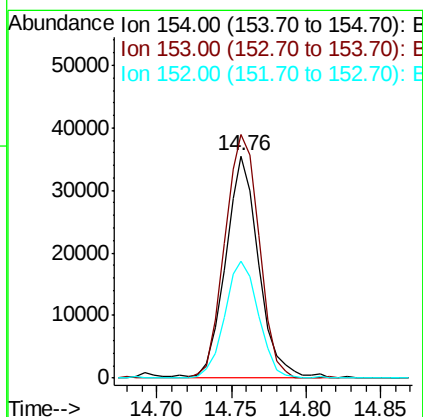
Manual Integrations
APPROVED

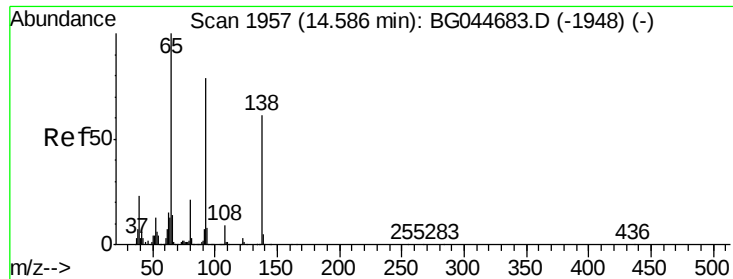
mohammad
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#52
Acenaphthene
Concen: 4.493 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.5	92.6	138.8
152	52.7	44.2	66.4





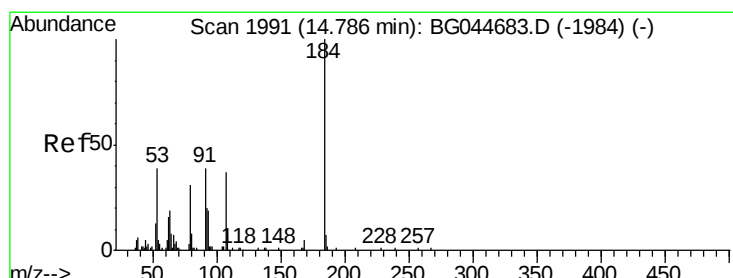
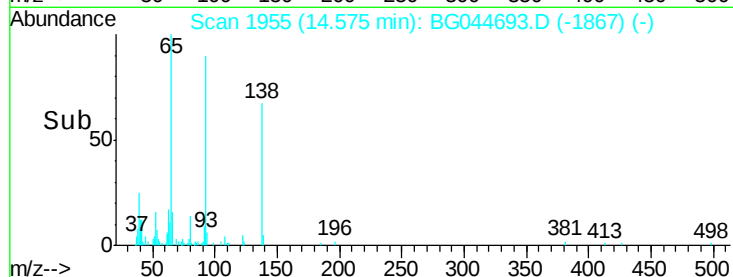
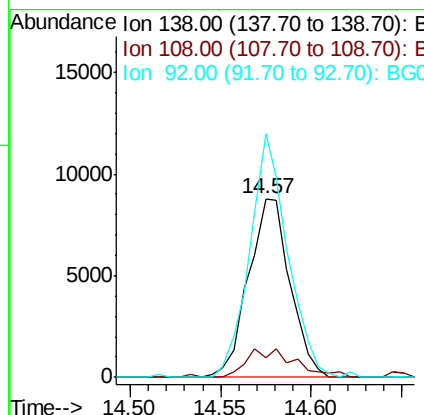
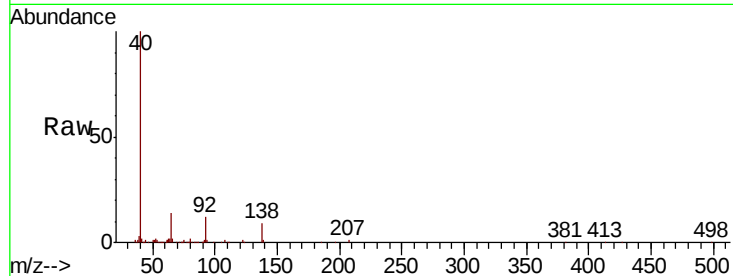
#53
3-Nitroaniline
Concen: 4.166 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	12.2	18.4#
92	136.1	105.1	157.7

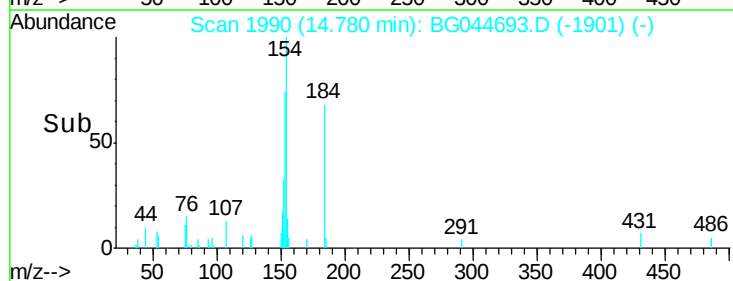
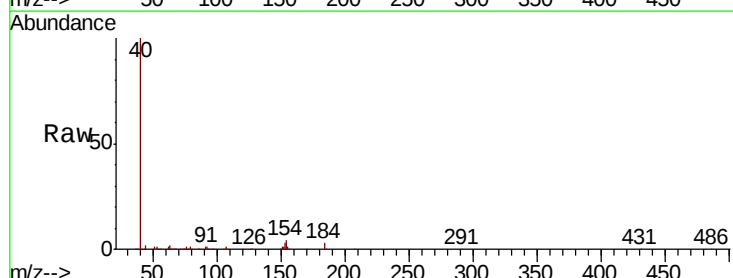
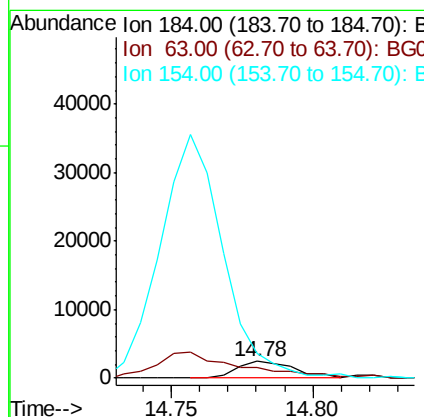
Manual Integrations
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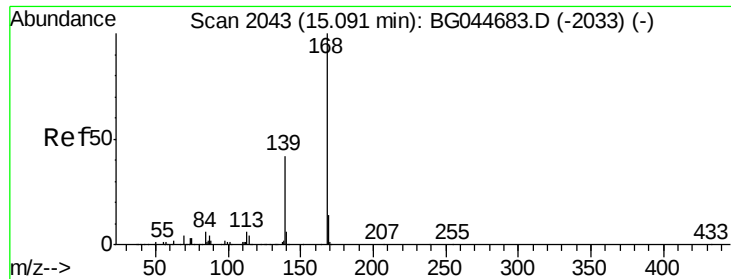
mohammad
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#54
2,4-Dinitrophenol
Concen: 2.490 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	42.4	63.6#
154	146.4	75.0	112.4#





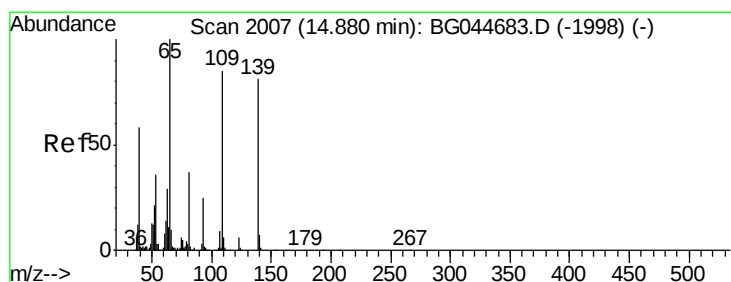
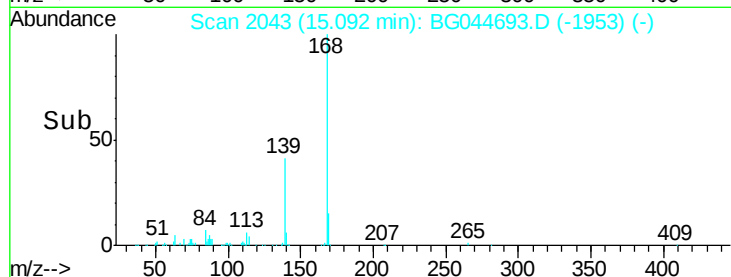
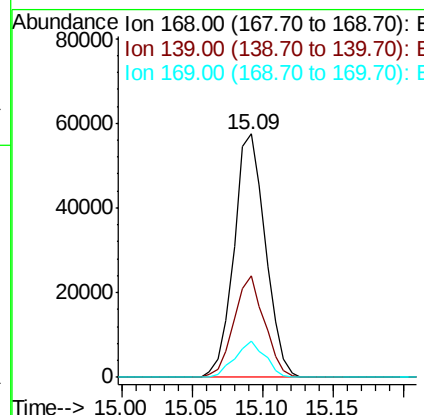
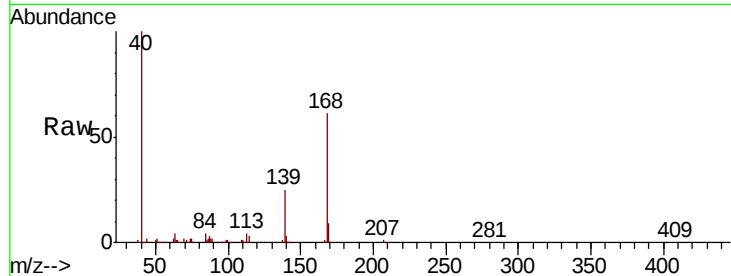
#55
Dibenzenofuran
Concen: 4.825 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.8	50.6
169	14.8	11.0	16.4

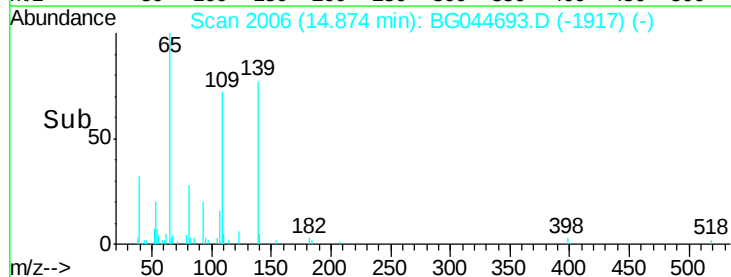
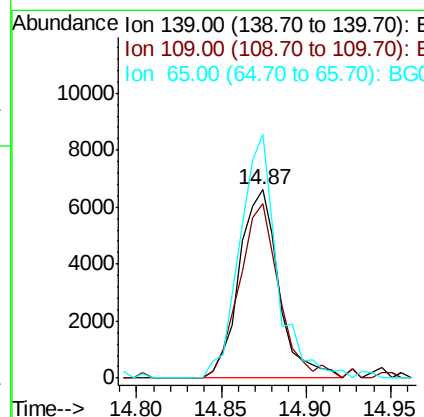
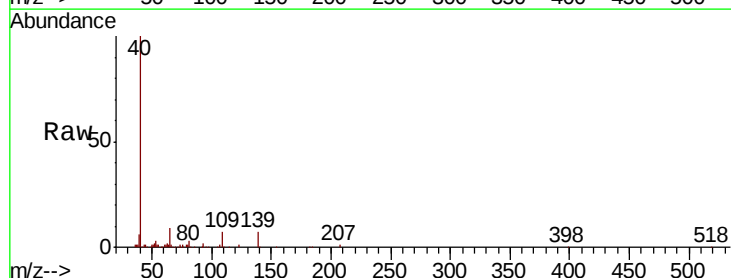
Manual Integrations
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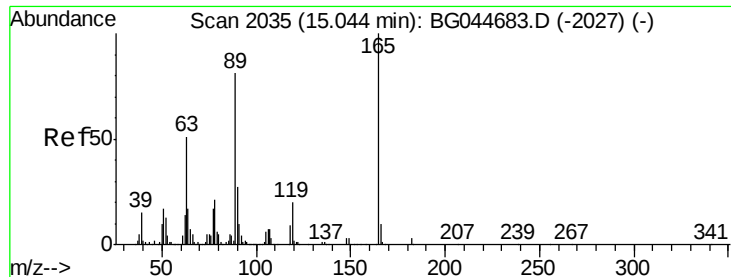
mohammad
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#56
4-Nitrophenol
Concen: 4.117 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	86.0	126.0
65	129.3	104.5	144.5





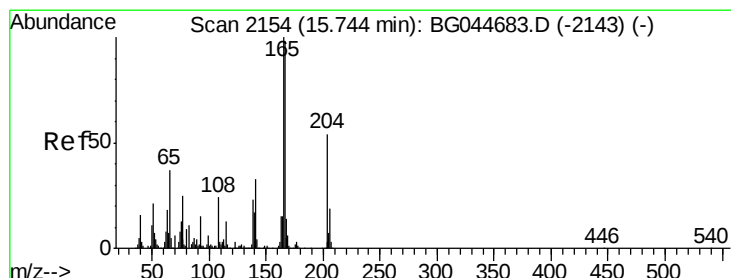
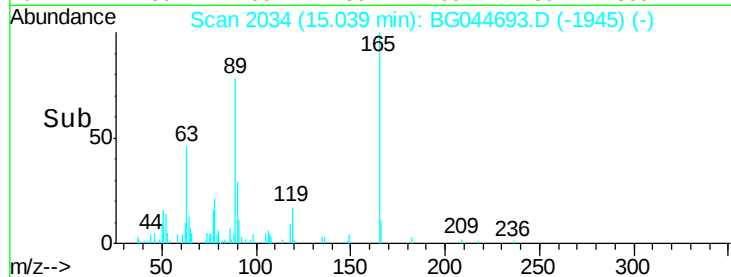
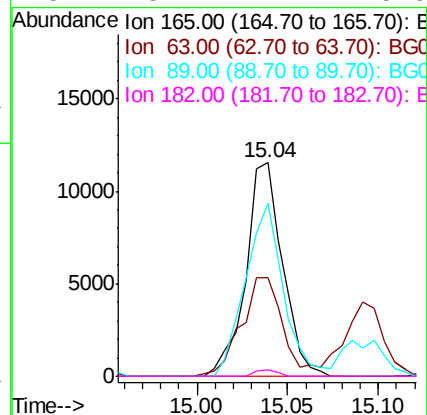
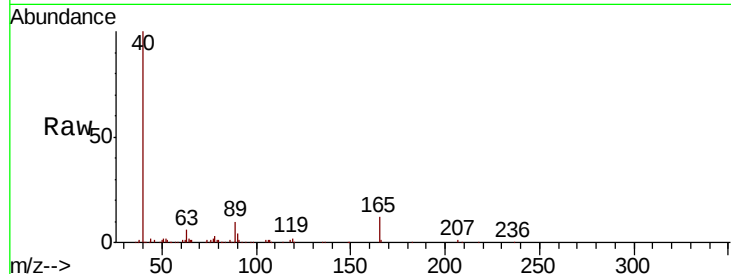
#57
2,4-Dinitrotoluene
Concen: 4.147 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	16198		
63	46.3		40.6	61.0
89	80.8		65.0	97.6
182	3.2		2.4	3.6

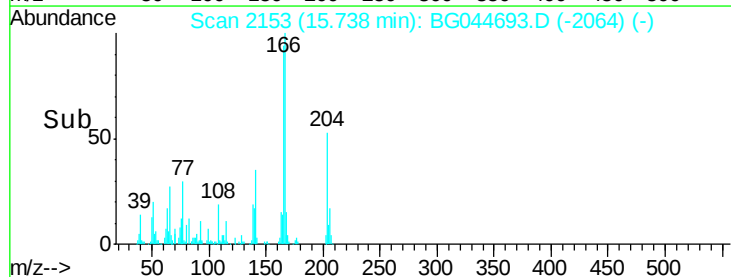
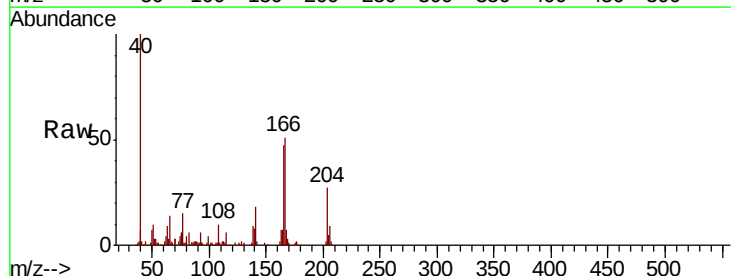
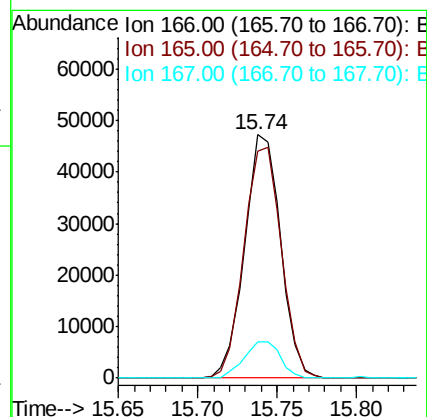
Manual Integrations
APPROVED

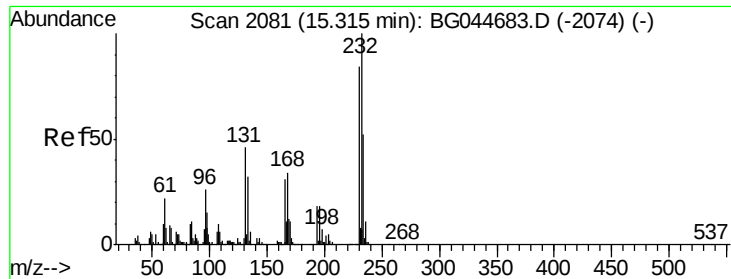
mohammad
3/9/2020 3:07:45 PM



#58
Fluorene
Concen: 4.886 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	74474		
165	93.2		81.3	121.9
167	14.7		11.0	16.6





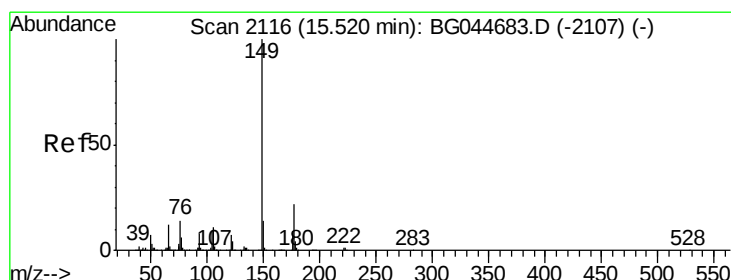
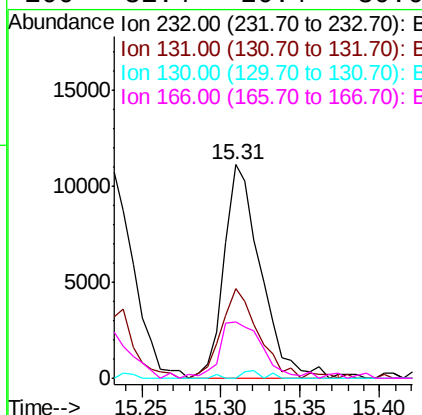
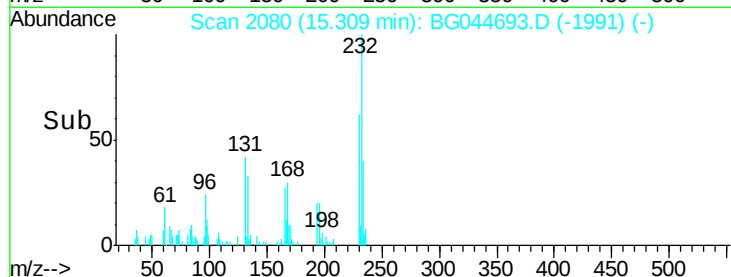
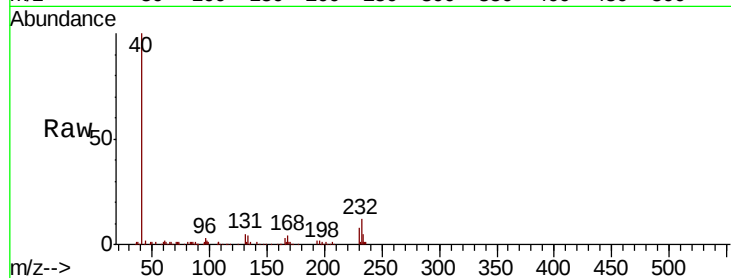
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.146 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.0	49.6
130	1.9	2.2	3.2#
166	31.4	20.4	30.6#

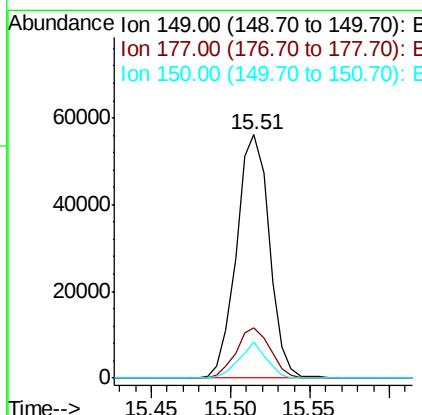
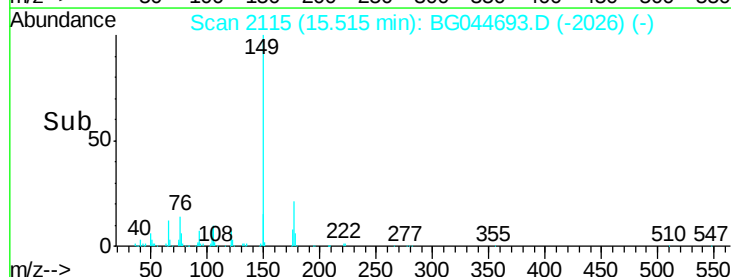
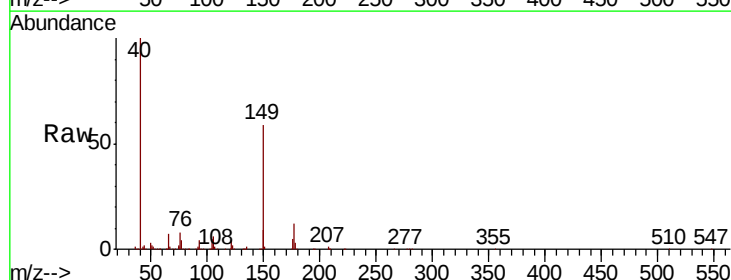
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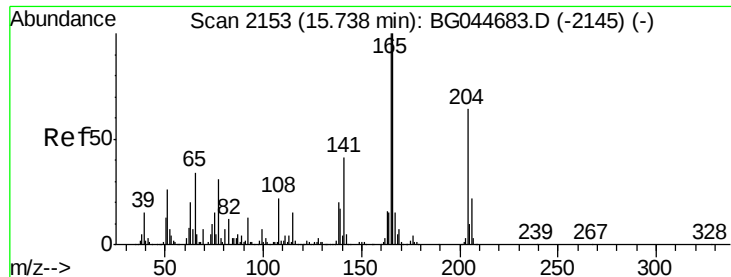
mohammad
 3/9/2020 3:07:45 PM



#60
 Diethylphthalate
 Concen: 4.638 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.5	26.3
150	14.7	10.8	16.2





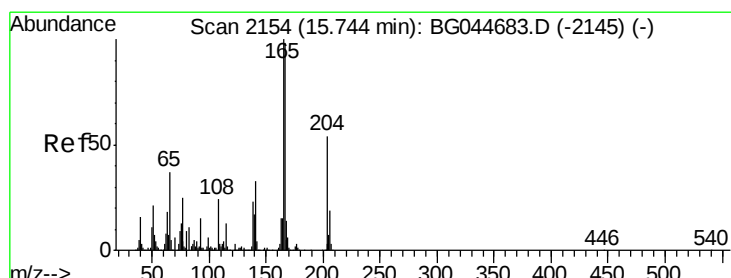
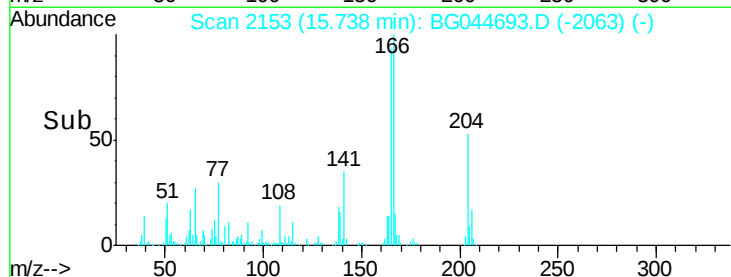
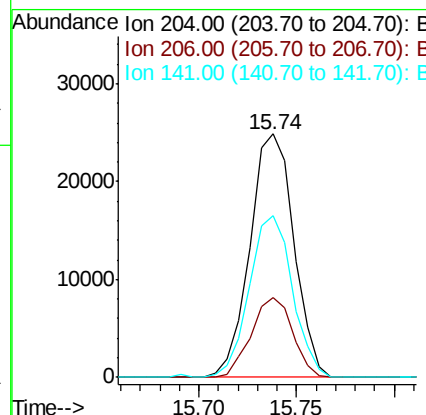
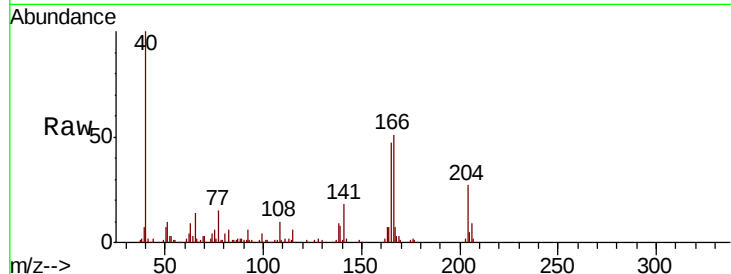
#61
4-Chlorophenyl-phenylether
Concen: 4.688 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.7	41.5
141	66.4	51.0	76.4

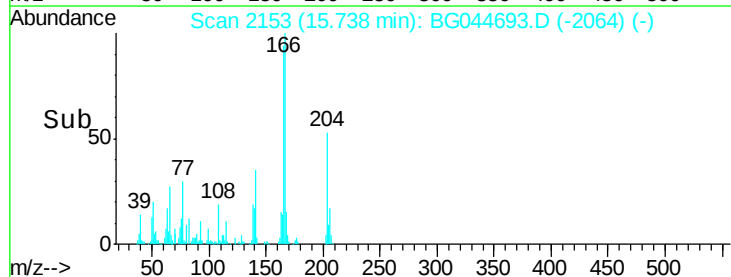
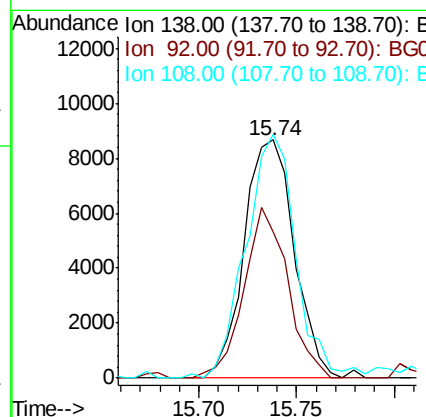
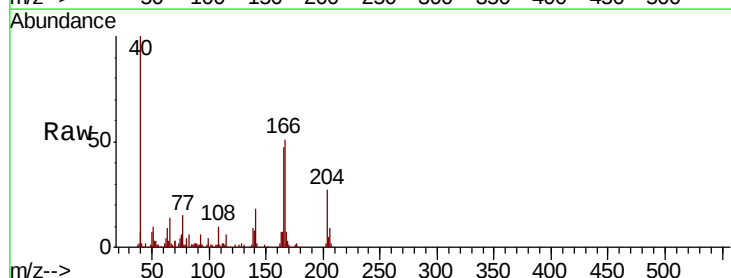
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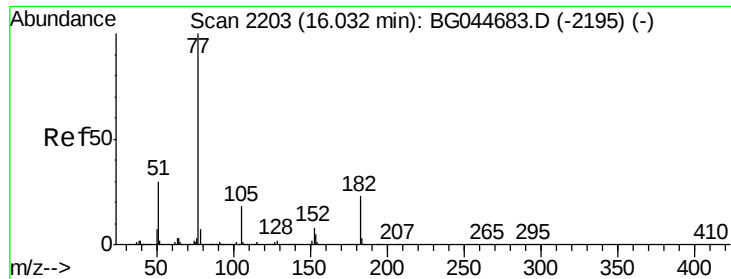
mohammad
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#62
4-Nitroaniline
Concen: 4.145 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.4	43.1	83.1
108	102.1	85.2	125.2





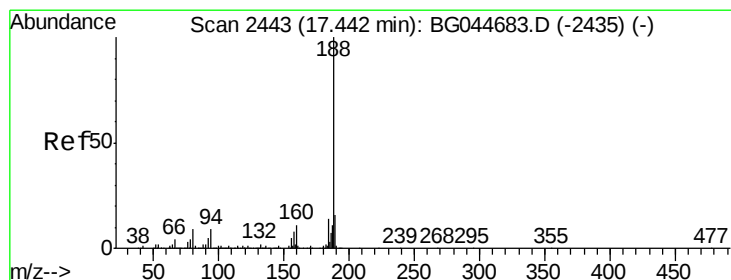
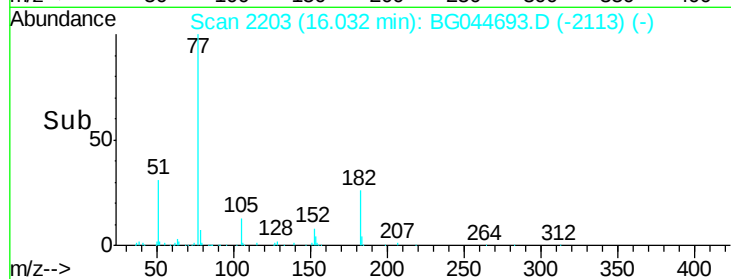
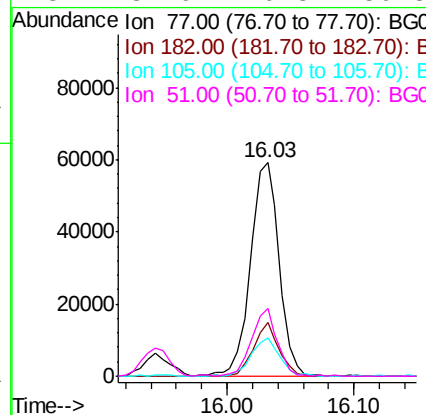
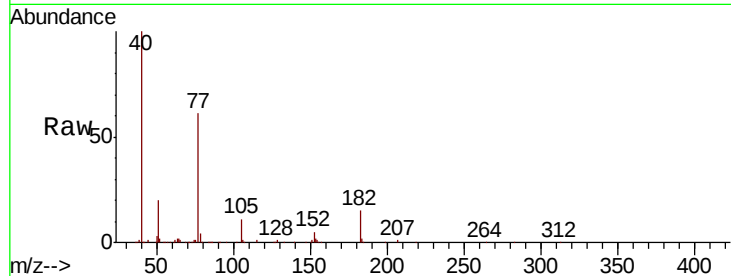
#63
Azobenzene
Concen: 5.113 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.1	2.7	42.7	
105	17.8	0.0	38.1	
51	31.9	10.3	50.3	

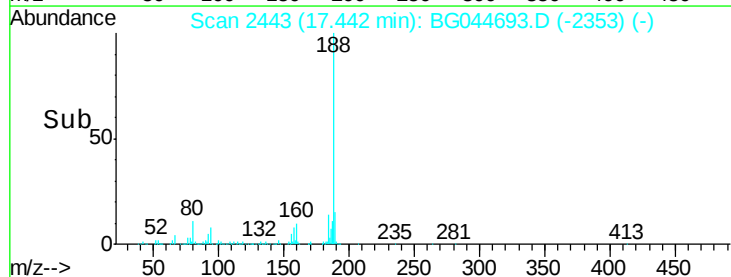
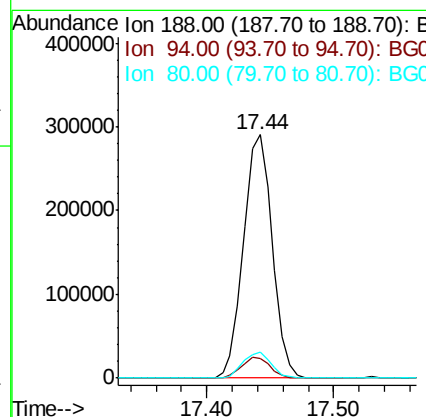
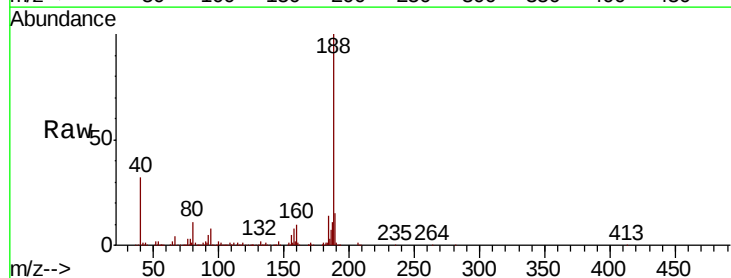
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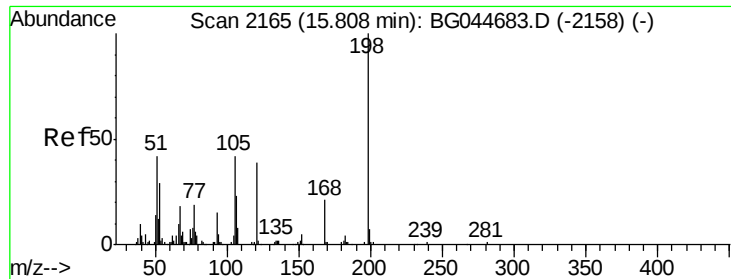
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	7.4	11.0	
80	10.7	7.3	10.9	





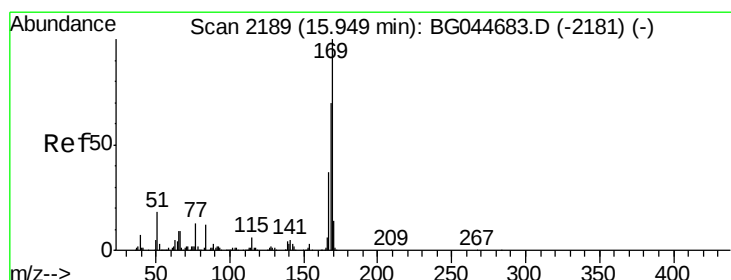
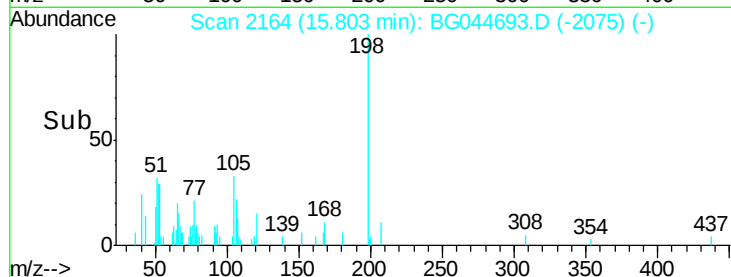
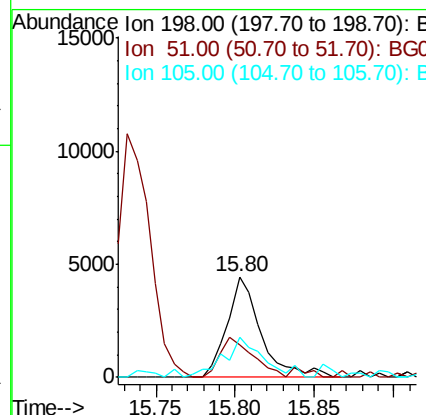
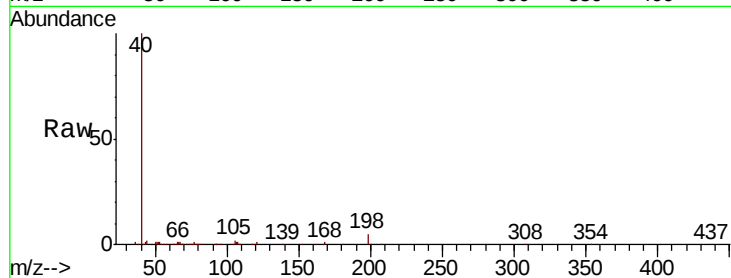
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.536 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.8	27.1	67.1
105	39.8	23.6	63.6

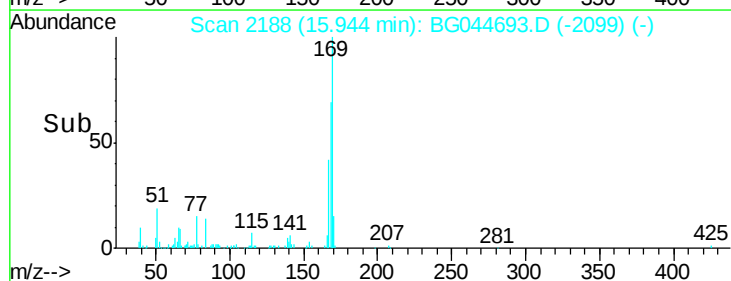
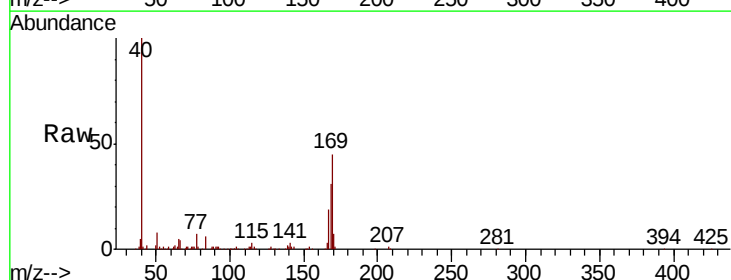
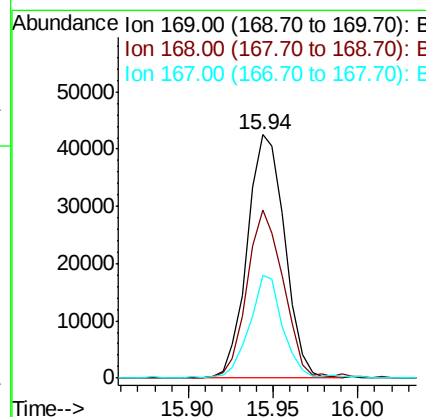
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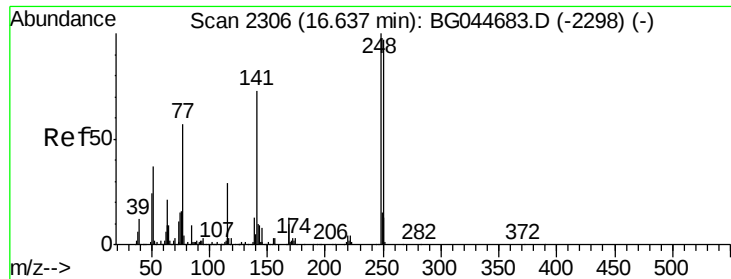
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#66
 n-Nitrosodiphenylamine
 Concen: 4.695 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG044693.D
 Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	56.2	84.2
167	42.4	29.4	44.2





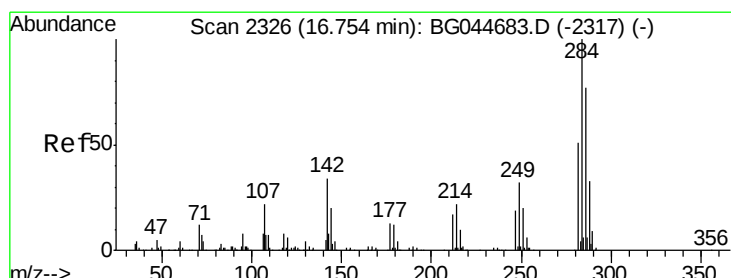
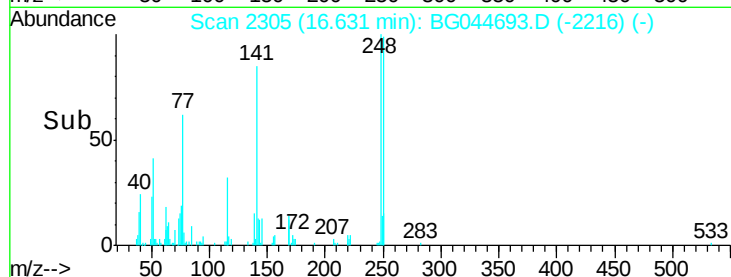
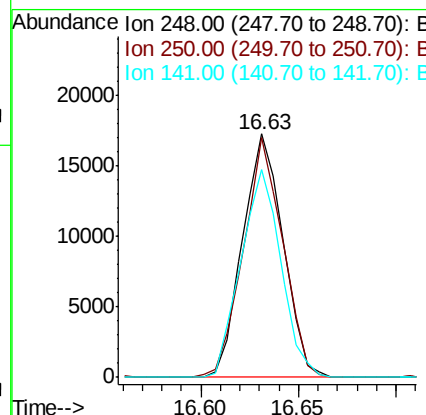
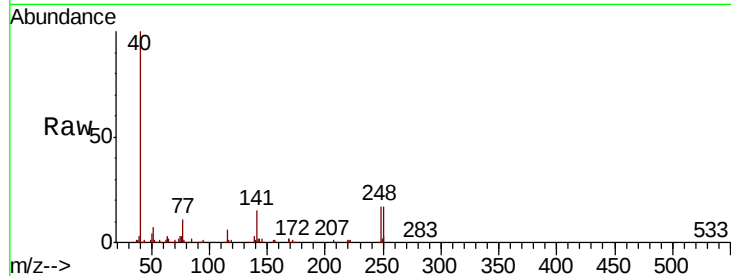
#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.4	116.2
141	85.2	58.1	87.1

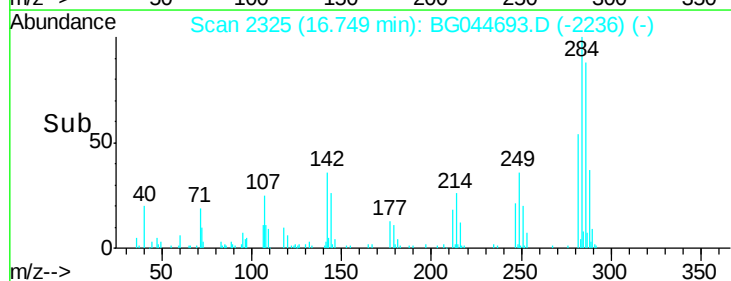
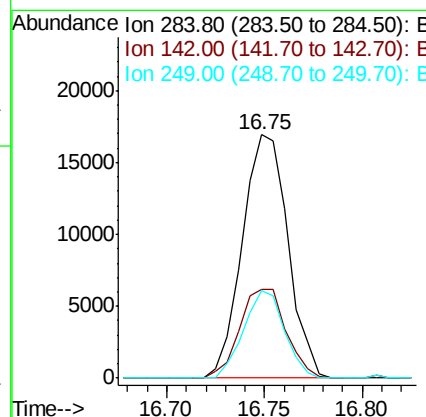
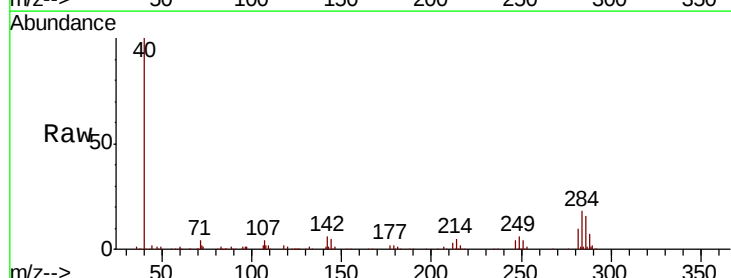
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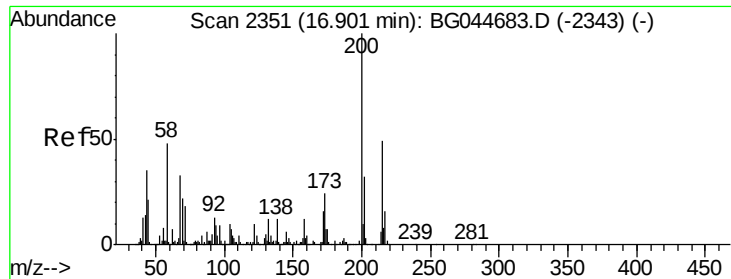
mohammad
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#68
Hexachlorobenzene
Concen: 4.404 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.2	40.8
249	36.1	25.7	38.5





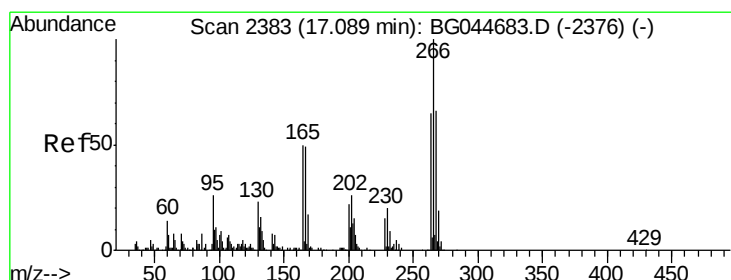
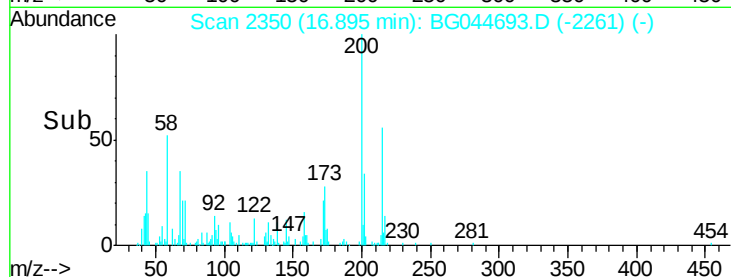
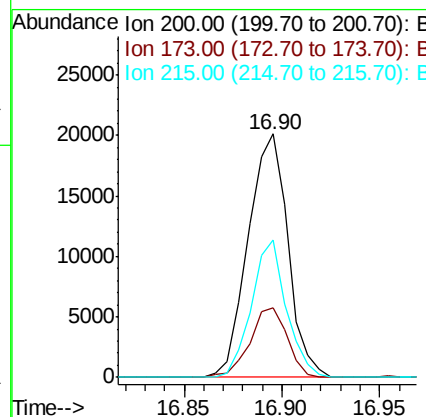
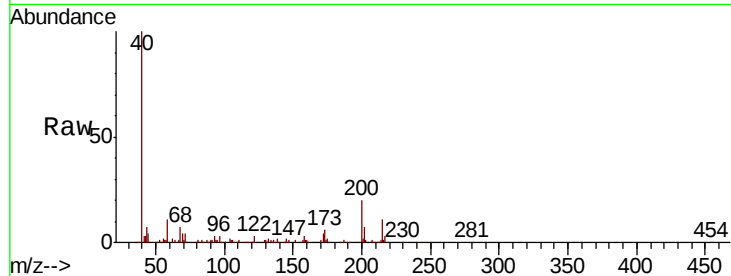
#69
Atrazine
Concen: 5.254 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	4.0	44.0	
215	56.3	29.1	69.1	

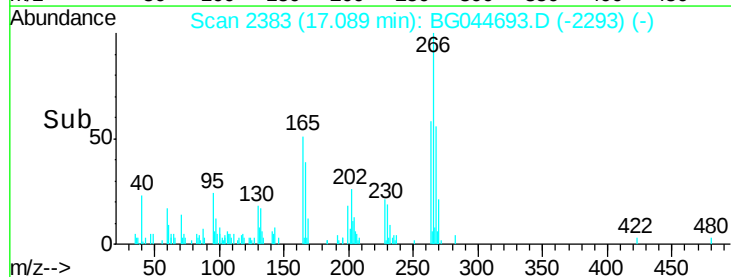
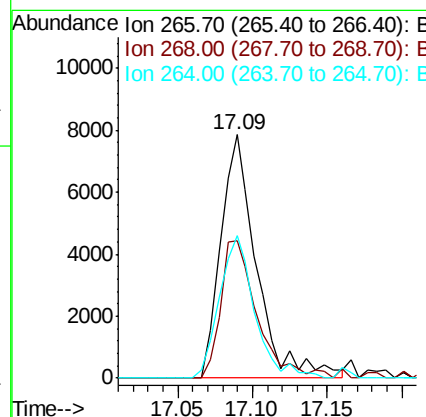
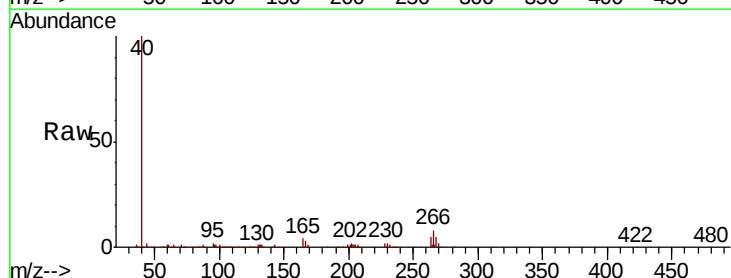
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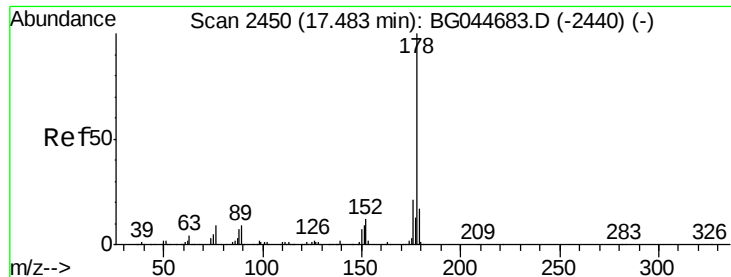
mohammad
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#70
Pentachlorophenol
Concen: 3.726 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	56.2	52.7	79.1	
264	64.7	52.3	78.5	





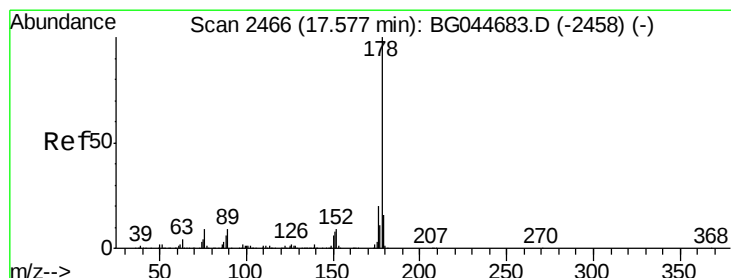
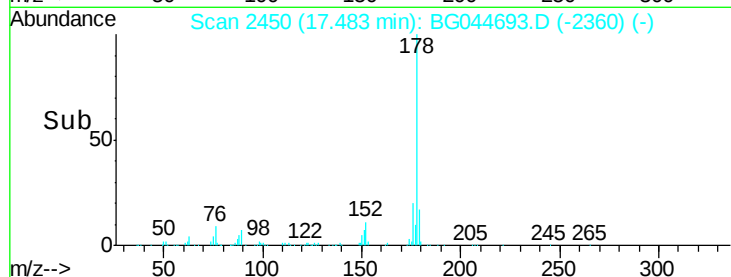
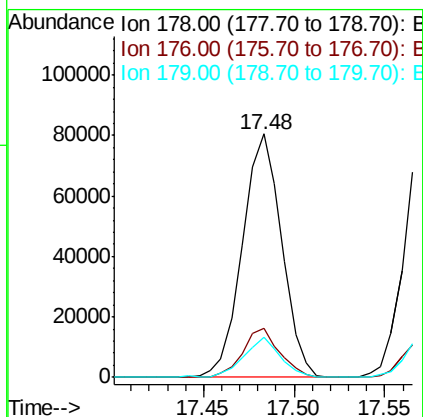
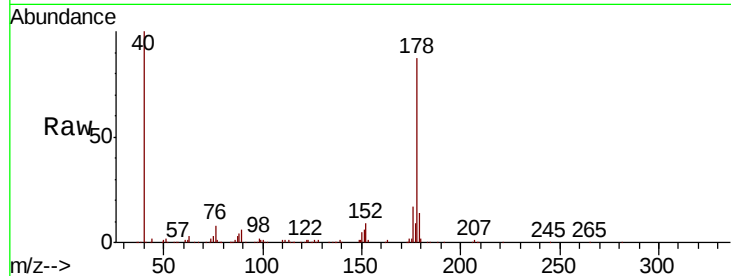
#71
Phenanthrene
Concen: 4.864 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	16.6	13.8	20.8

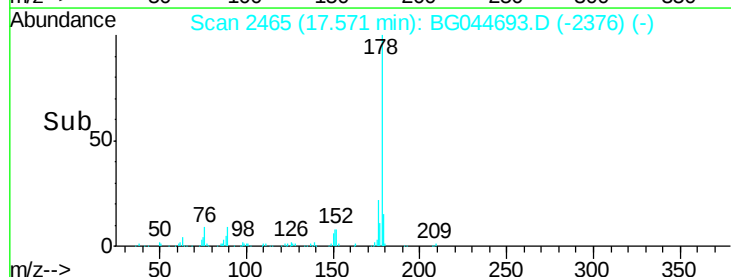
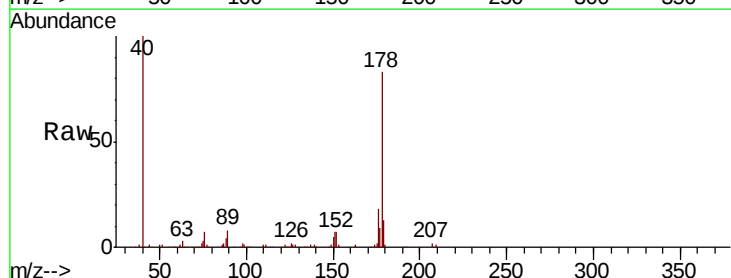
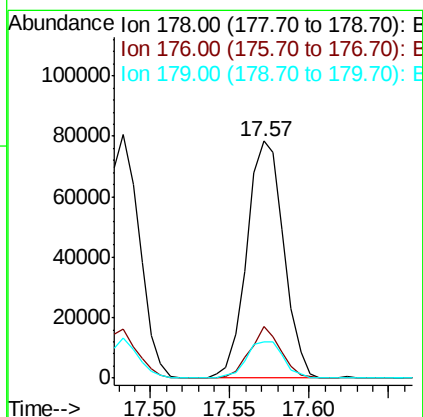
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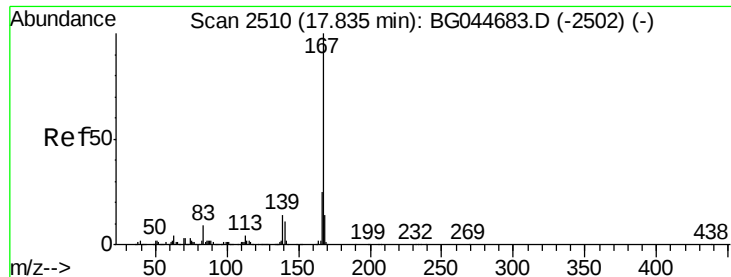
mohammad
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#72
Anthracene
Concen: 5.140 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.7	23.5
179	15.1	12.6	19.0





#73

Carbazole

Concen: 4.886 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

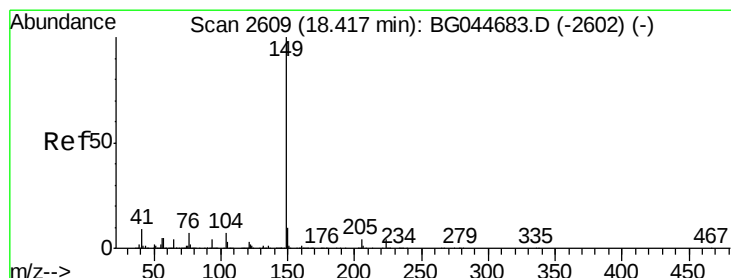
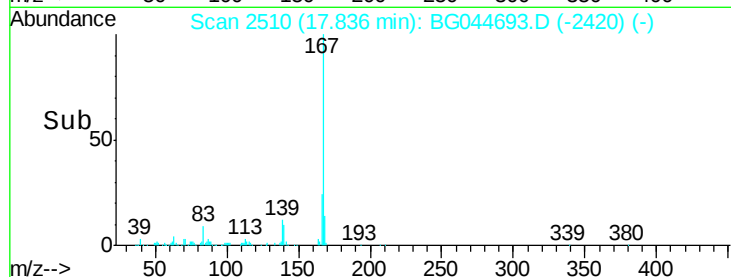
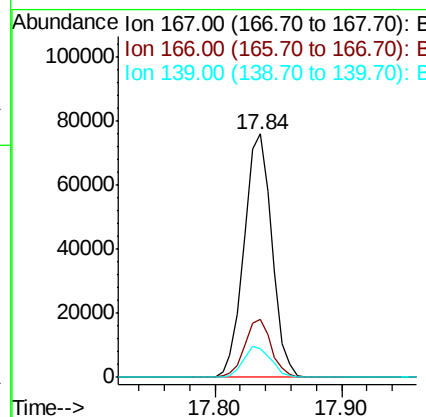
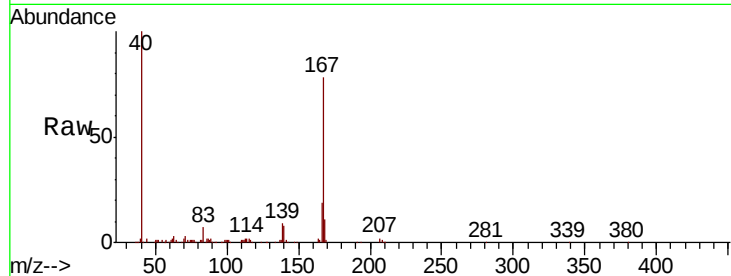
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	167	Resp:	115202
Ion Ratio	Lower	Upper	
167	100		
166	23.9	20.0	30.0
139	12.0	11.3	16.9

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#74

Di-n-butylphthalate

Concen: 4.910 ng

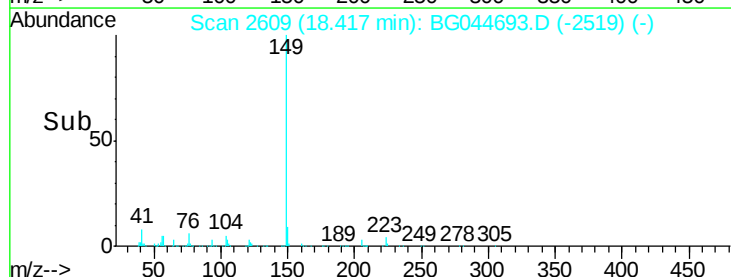
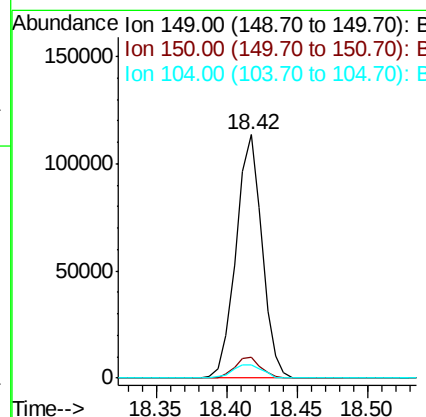
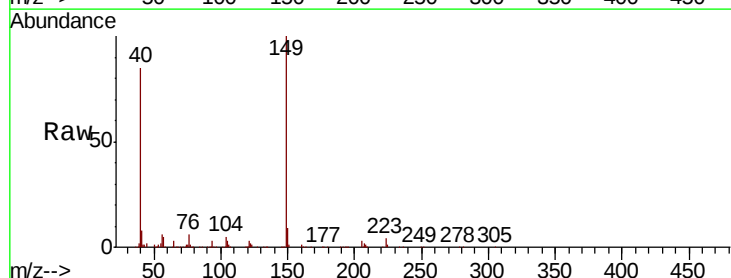
RT: 18.42 min Scan# 2609

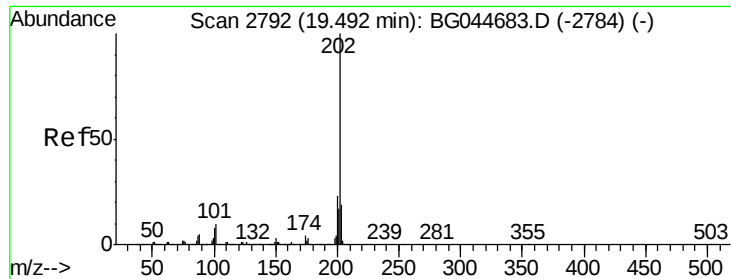
Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	149	Resp:	145813
Ion Ratio	Lower	Upper	
149	100		
150	8.5	8.0	12.0
104	5.4	5.5	8.3#





#75

Fluoranthene

Concen: 5.038 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

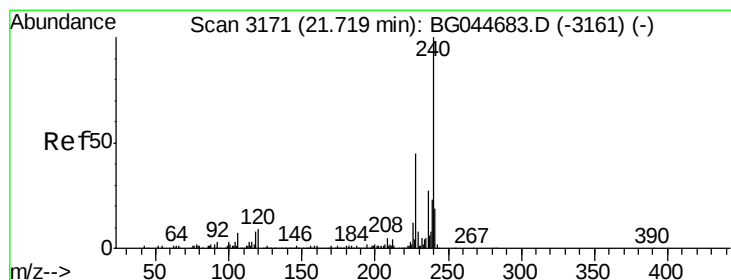
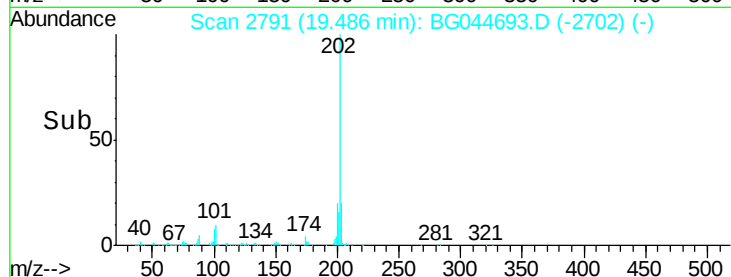
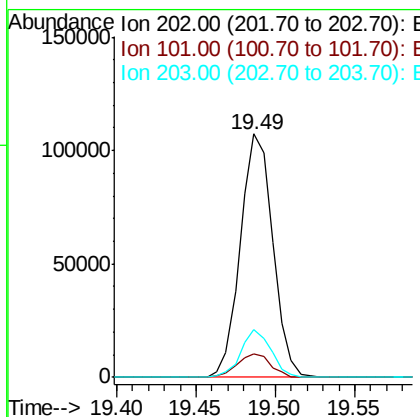
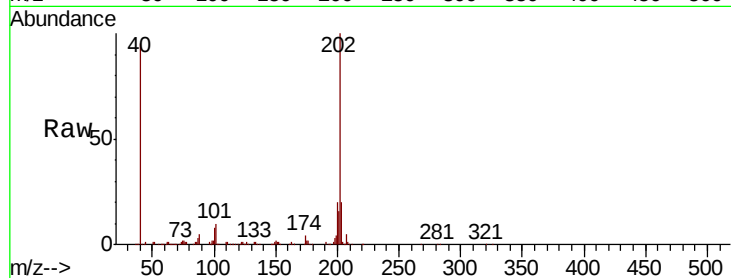
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	202	Resp:	152212
Ion Ratio		Lower	Upper
202	100		
101	9.6	0.0	30.3
203	19.5	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

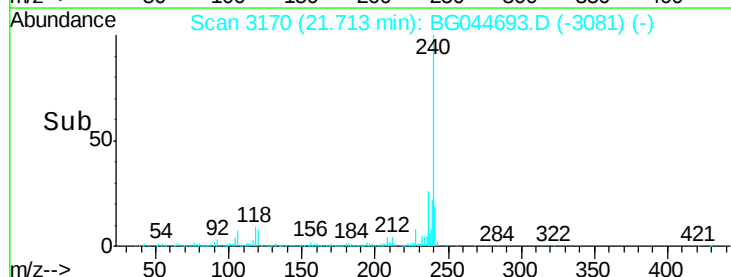
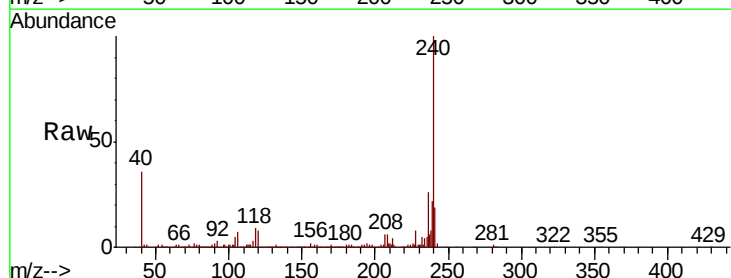
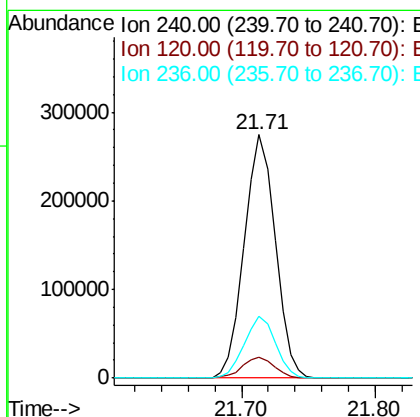
RT: 21.71 min Scan# 3170

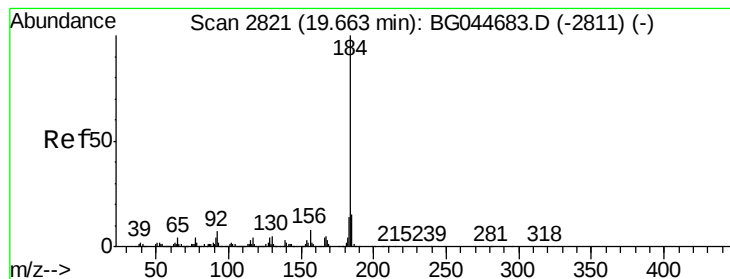
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	240	Resp:	440972
Ion Ratio		Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.6	21.5	32.3





#77

Benzidine

Concen: 5.015 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:184 Resp: 88274

Ion Ratio Lower Upper

184 100

185 13.3 12.0 18.0

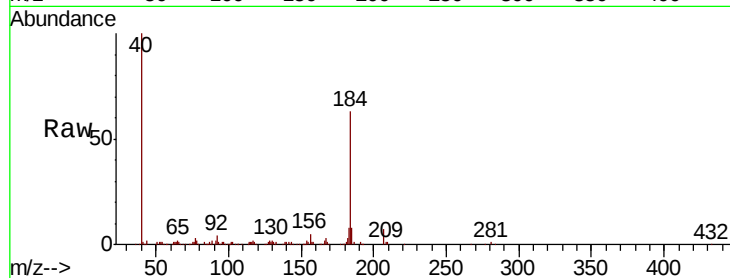
183 12.2 11.4 17.2

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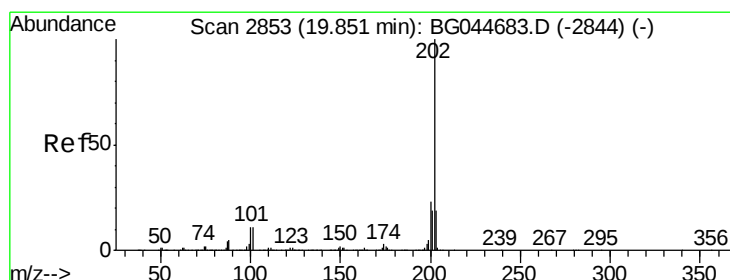
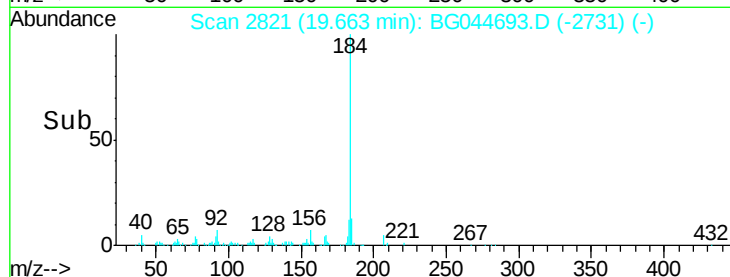
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.66

Time-->



#78

Pyrene

Concen: 4.600 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

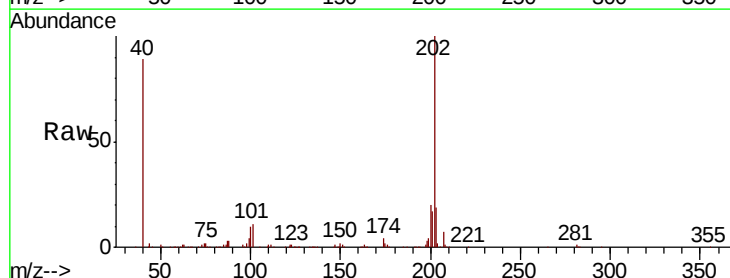
Tgt Ion:202 Resp: 154713

Ion Ratio Lower Upper

202 100

200 20.2 18.2 27.2

203 19.4 15.2 22.8



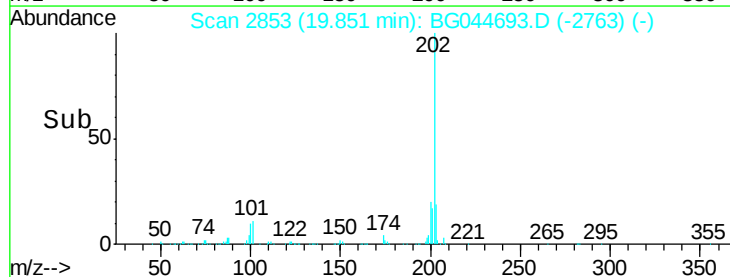
Abundance Ion 202.00 (201.70 to 202.70): E

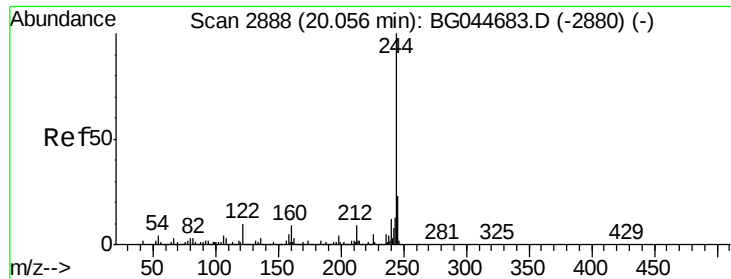
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.85

Time-->





#79

Terphenyl-d14

Concen: 87.670 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

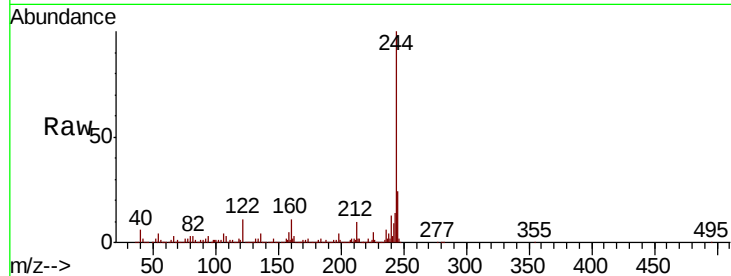
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

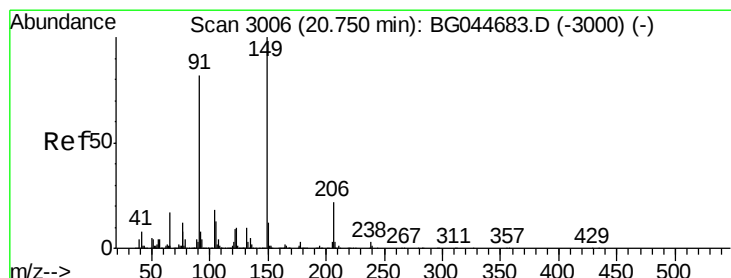
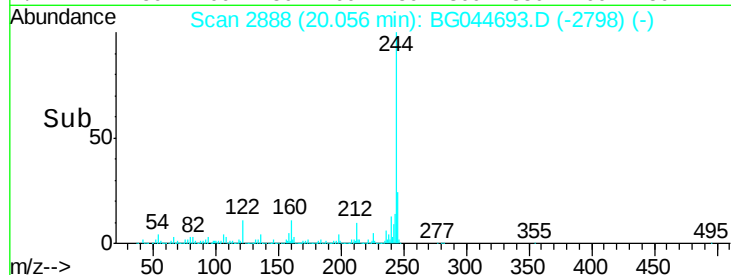
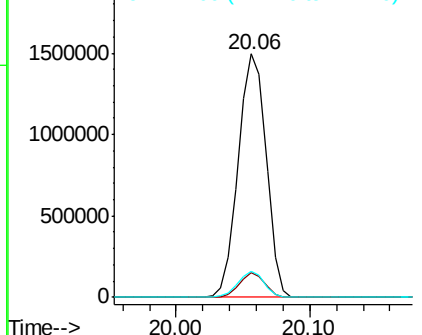
Tot Ion:	244	Resp:	2165791
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	10.6	7.7	11.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.061 ng

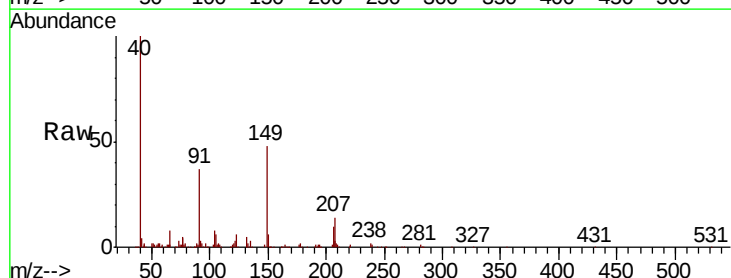
RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

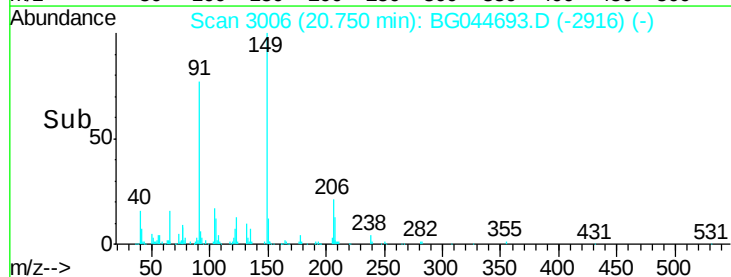
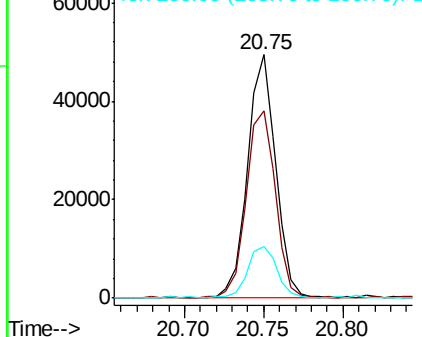
Lab File: BG044693.D

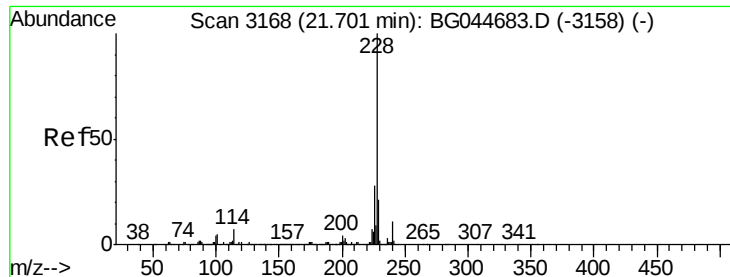
Acq: 6 Mar 2020 11:59

Tgt Ion:	149	Resp:	60974
Ion	Ratio	Lower	Upper
149	100		
91	76.7	65.7	98.5
206	21.2	17.3	25.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.668 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

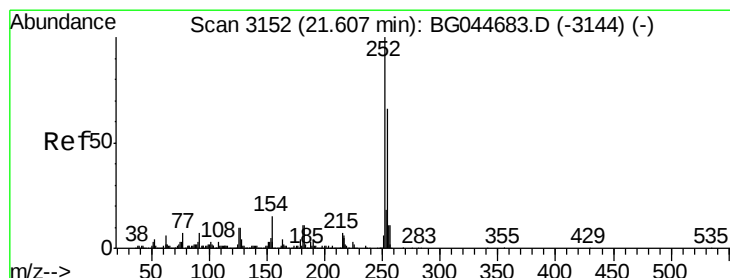
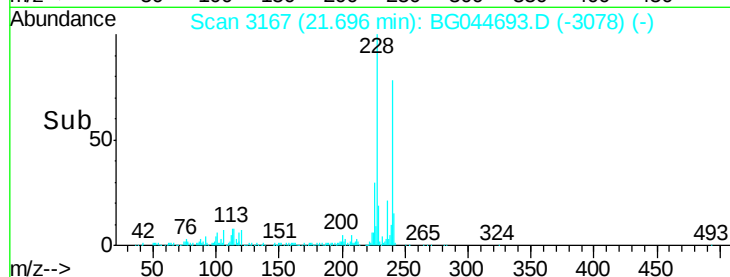
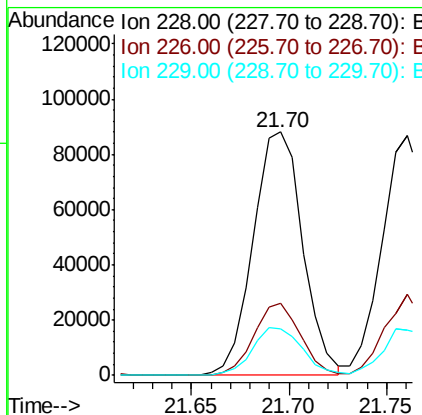
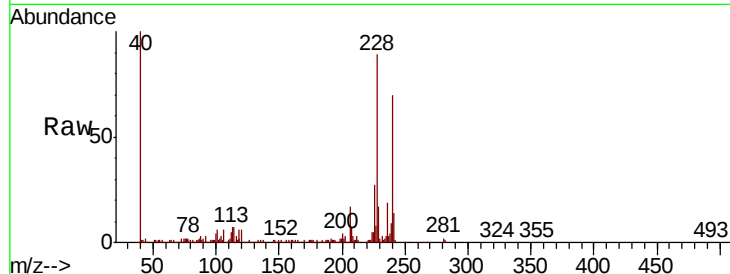
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	228	Resp:	154373
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.8	34.2
229	19.1	17.0	25.6

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#82

3,3'-Dichlorobenzidine

Concen: 4.696 ng

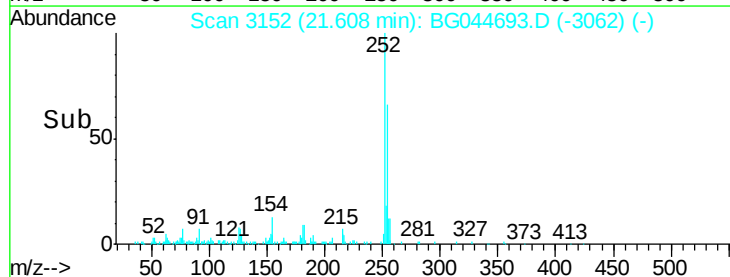
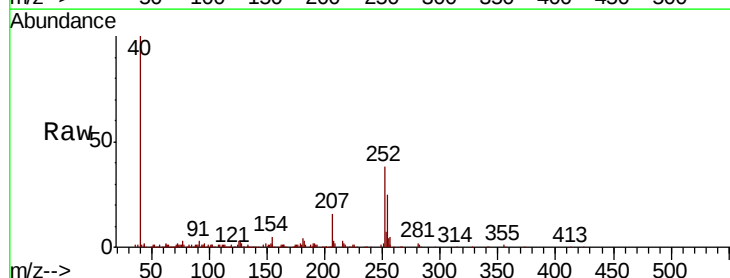
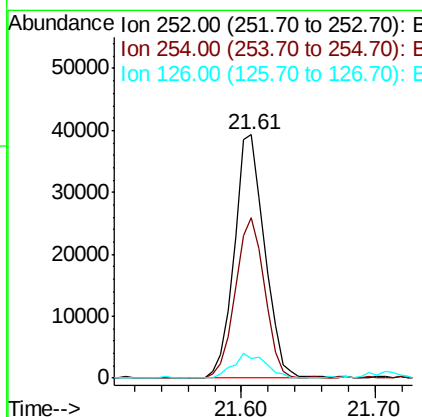
RT: 21.61 min Scan# 3152

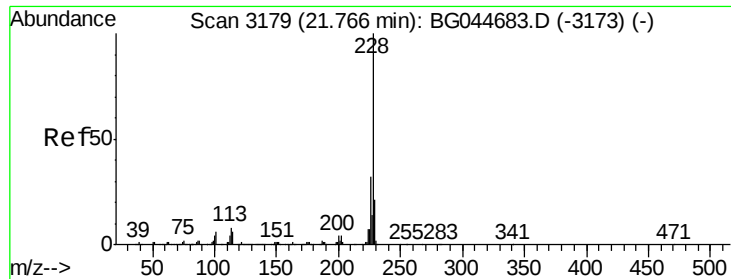
Delta R.T. 0.00 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	252	Resp:	61835
Ion Ratio	Lower	Upper	
252	100		
254	66.1	52.6	79.0
126	7.9	7.8	11.6





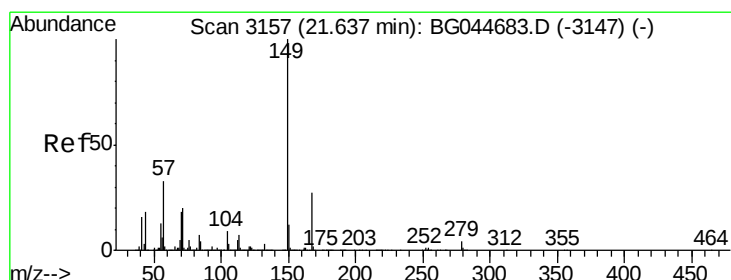
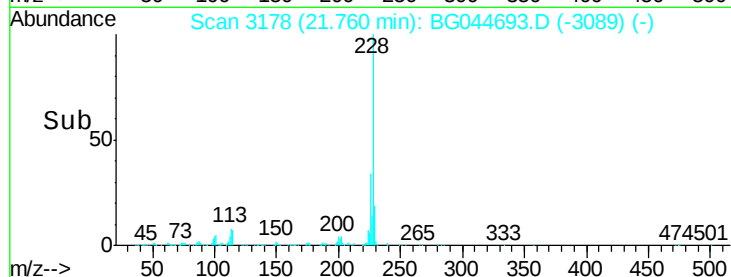
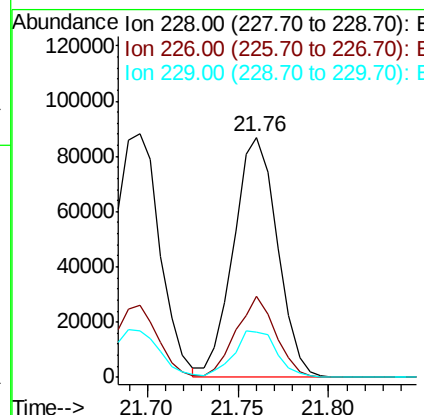
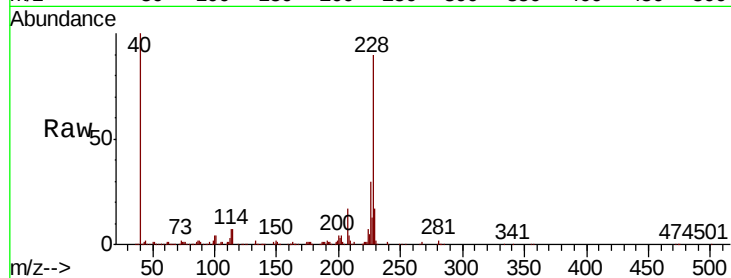
#83
Chrysene
Concen: 4.647 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	228	Resp:	146276
Ion Ratio	Lower	Upper	
228	100		
226	33.5	25.8	38.6
229	18.7	16.6	25.0

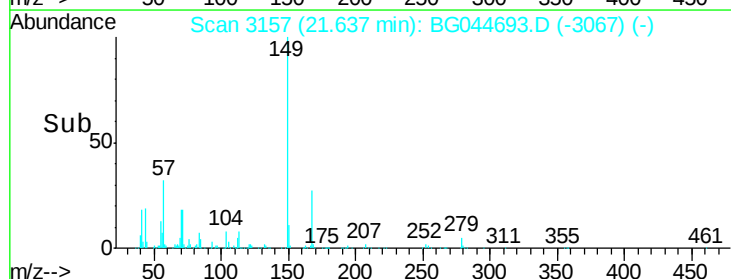
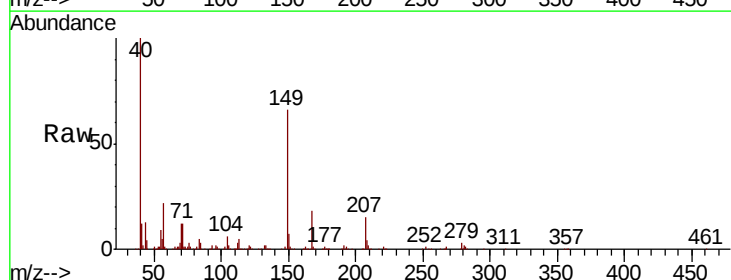
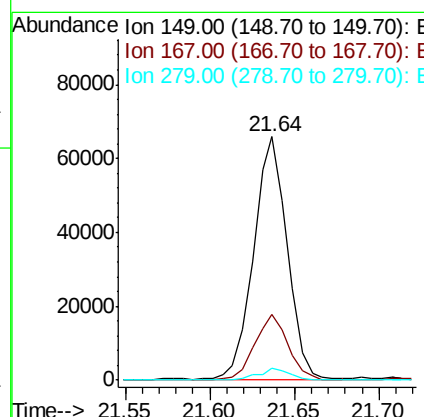
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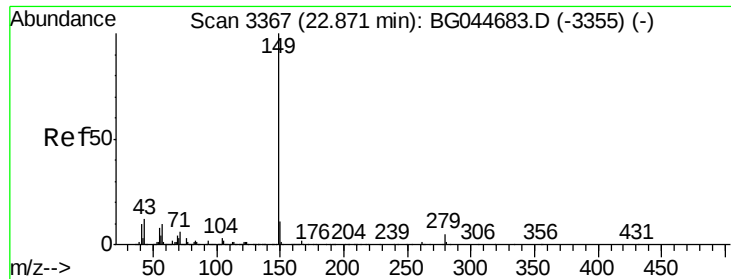
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.372 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion:	149	Resp:	91532
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.3	31.9
279	5.1	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 4.264 ng

RT: 22.86 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

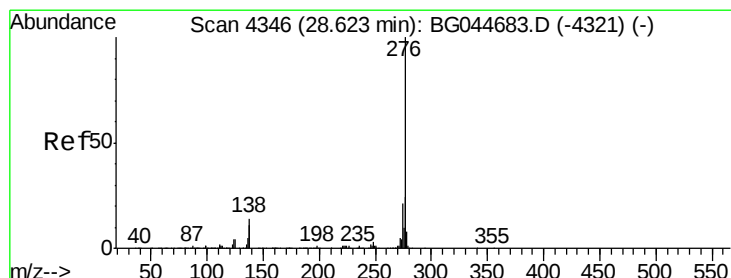
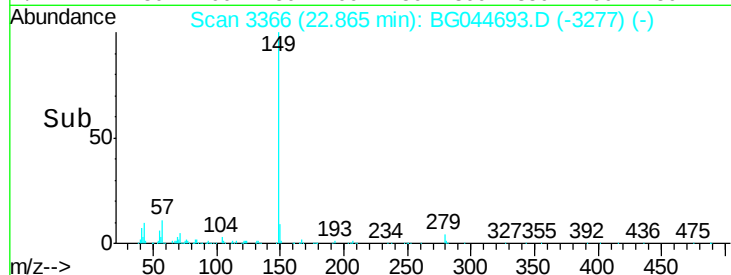
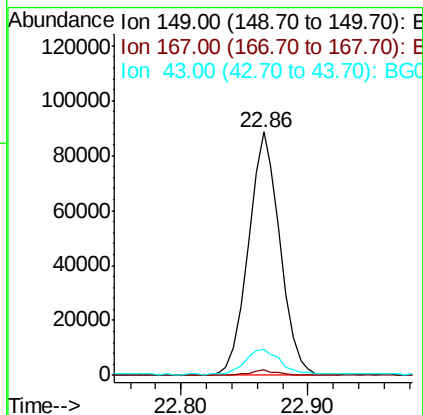
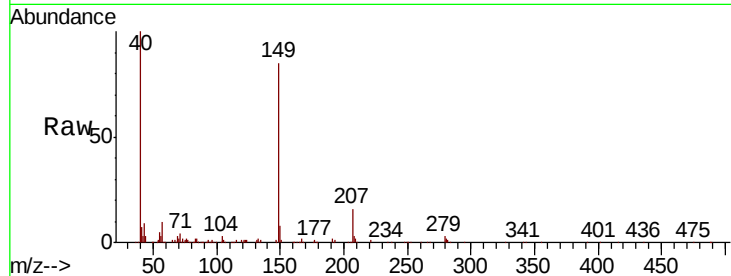
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	149	Resp:	153304
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	11.8	9.5	14.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.284 ng

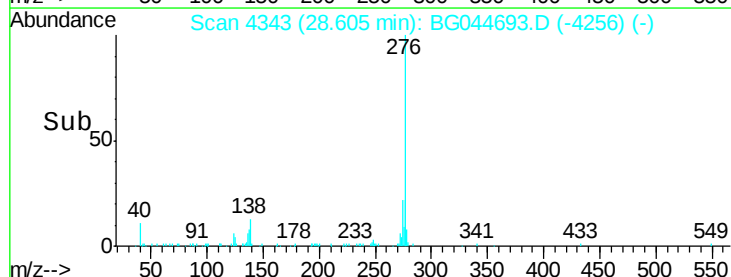
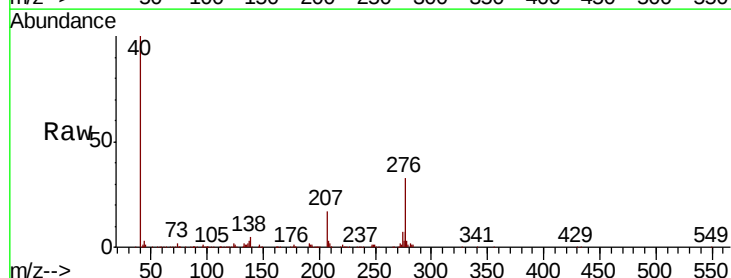
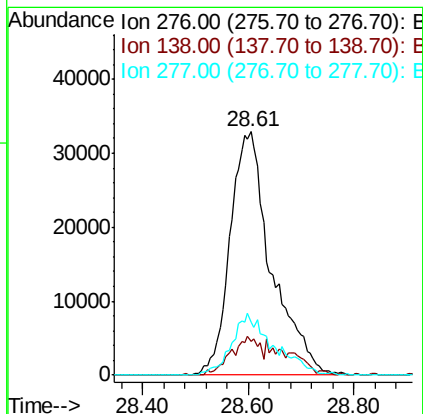
RT: 28.61 min Scan# 4343

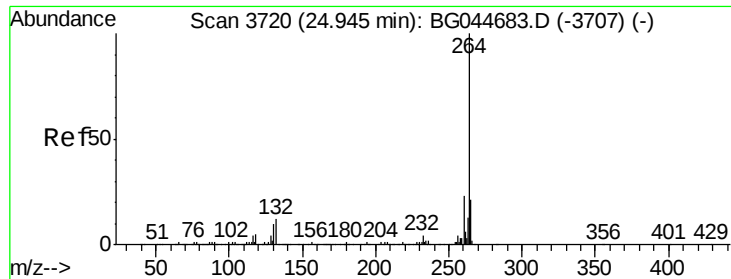
Delta R.T. -0.02 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	276	Resp:	178097
Ion Ratio	Lower	Upper	
276	100		
138	10.9	9.5	14.3
277	20.6	20.6	30.8





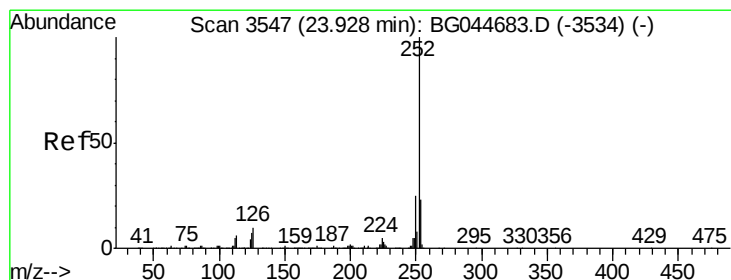
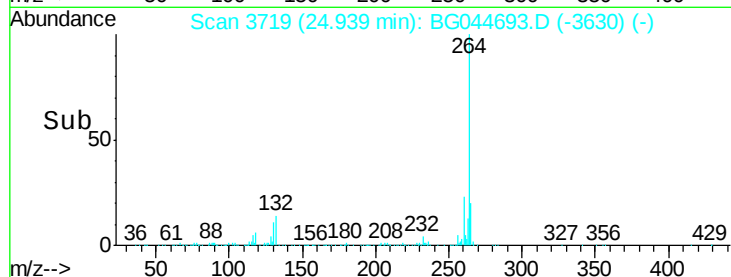
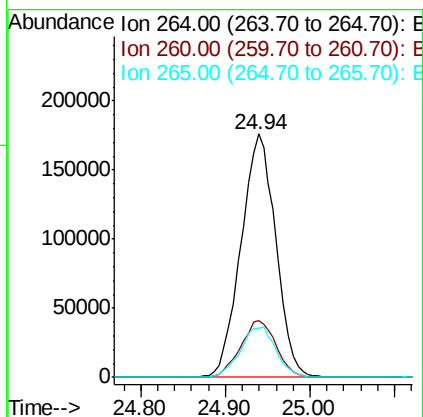
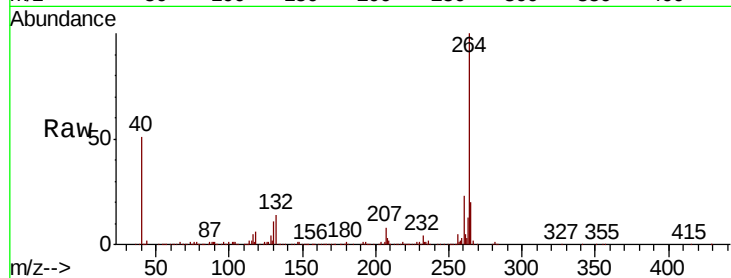
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	20.1	16.9	25.3

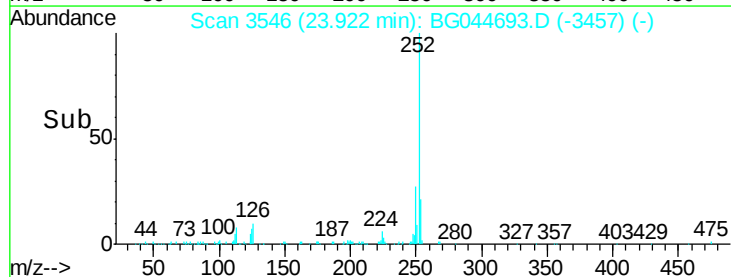
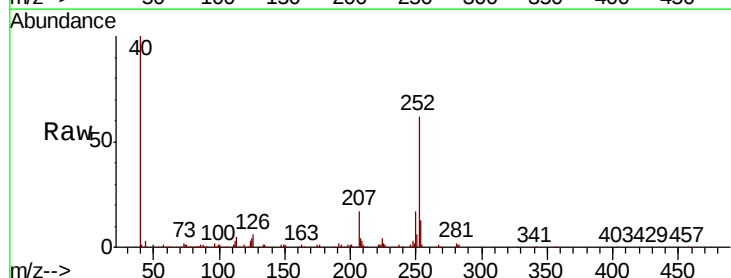
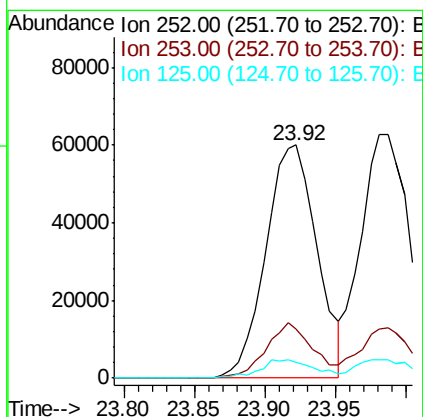
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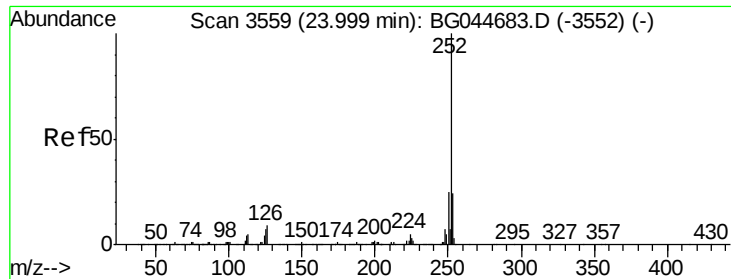
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#88
Benzo(b)fluoranthene
Concen: 4.442 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	7.0	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 4.801 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Instrument :

BNA_G

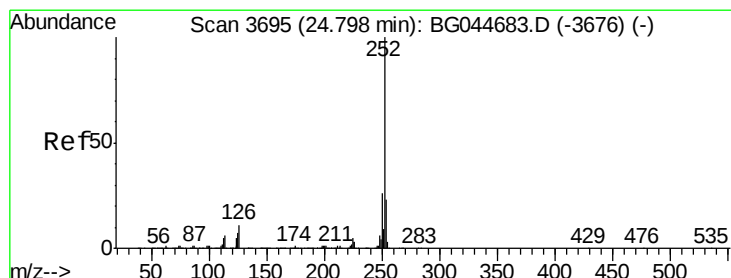
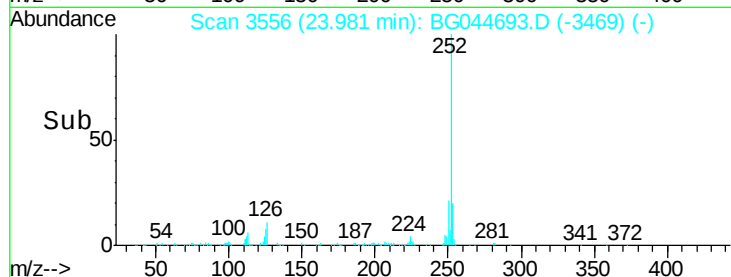
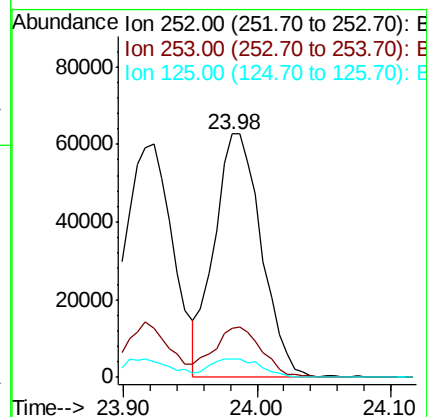
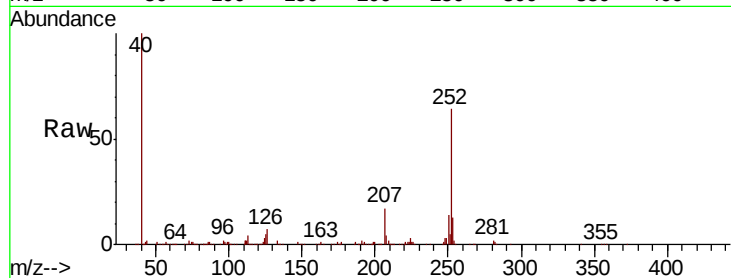
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	252	Resp:	154112
Ion Ratio	Lower	Upper	
252	100		
253	20.0	18.5	27.7
125	7.6	5.8	8.8

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#90

Benzo(a)pyrene

Concen: 4.451 ng

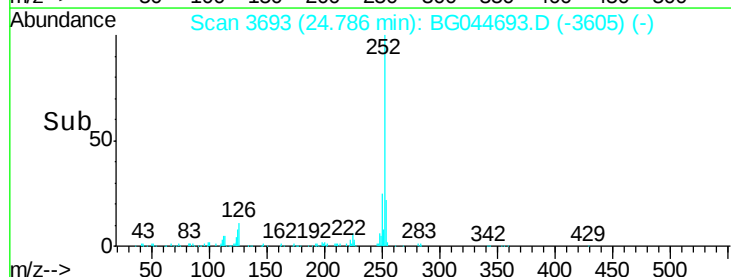
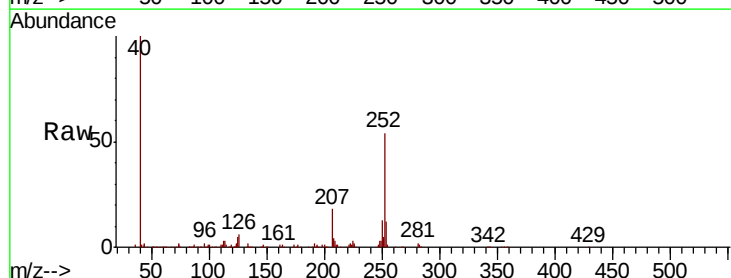
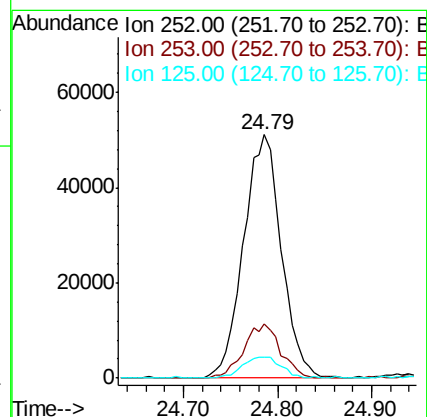
RT: 24.79 min Scan# 3693

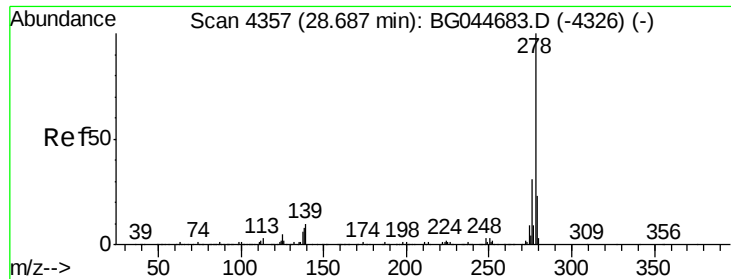
Delta R.T. -0.01 min

Lab File: BG044693.D

Acq: 6 Mar 2020 11:59

Tgt Ion:	252	Resp:	141960
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	8.8	6.0	9.0





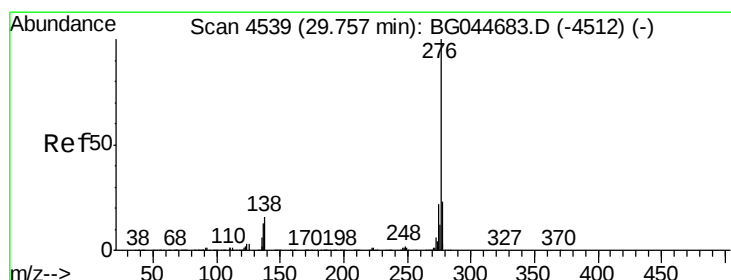
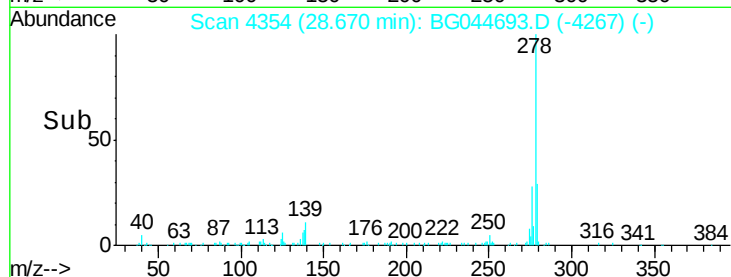
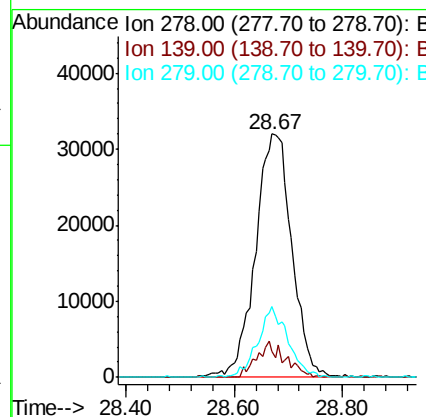
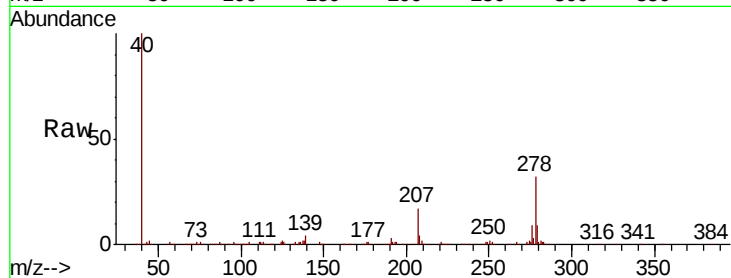
#91
Dibenzo(a,h)anthracene
Concen: 4.677 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.4	12.6
279	28.9	18.2	27.2

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#92
Benzo(g,h,i)perylene
Concen: 4.627 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.02 min
Lab File: BG044693.D
Acq: 6 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.7	28.1
138	14.2	12.7	19.1

