

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046073.D
 Acq On : 24 Jul 2020 21:01
 Operator : CG/JU
 Sample : L1955-16
 Misc : MDL-SOILME-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-ME-SOIL-02

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

Quant Time: Jul 24 23:59:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	97025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	415702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	287448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	653712	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	700599	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	782234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3734	1.90	ng/uL	0.00
5) Phenol-d5	7.12	99	224678	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	139100	29.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	183936	30.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	185683	28.91	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	90029	30.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	97839	32.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	191426	28.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	267424	34.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	663035	29.57	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	793920	29.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	105690	28.87	ng/ul	0.00
58) Fluorene-d10	15.58	176	593601	29.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	96162	29.39	ng/ul	0.00
71) Anthracene-d10	17.43	188	895002	29.69	ng/ul	0.00
79) Pyrene-d10	19.71	212	1110369	29.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1200406	27.69	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	4747	1.973	ng/uL 93
4) Benzaldehyde	7.10	77	14235m	2.622	ng/ul
6) Phenol	7.15	94	31253	3.985	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.38	93	25906	4.036	ng/ul 93
10) 2-Chlorophenol	7.53	128	25384	4.109	ng/ul 96
11) 2-Methylphenol	8.40	108	23142	3.662	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.50	45	43600	4.019	ng/ul# 97
14) Acetophenone	8.78	105	39592	4.177	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.77	70	21061	4.107	ng/ul 93
16) 4-Methylphenol	8.73	108	26572	3.925	ng/ul 89
17) Hexachloroethane	9.05	117	10470	3.994	ng/ul 97
20) Nitrobenzene	9.15	77	28745	3.812	ng/ul 100
21) Isophorone	9.68	82	57038	3.871	ng/ul 95
23) 2-Nitrophenol	9.87	139	14290	4.255	ng/ul 93
24) 2,4-Dimethylphenol	9.93	107	25060	3.368	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.16	93	35367	3.794	ng/ul 99
27) 2,4-Dichlorophenol	10.41	162	27682	4.137	ng/ul 96
28) Naphthalene	10.81	128	86689	3.897	ng/ul 97
30) 4-Chloroaniline	10.91	127	34161	4.645	ng/ul 95
31) Hexachlorobutadiene	11.11	225	20199	3.923	ng/ul 98
32) Caprolactam	11.69	113	7621m	3.378	ng/ul
33) 4-Chloro-3-methylphenol	12.04	107	24148	3.520	ng/ul 94
34) 2-Methylnaphthalene	12.42	142	68552	4.099	ng/ul 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046073.D
 Acq On : 24 Jul 2020 21:01
 Operator : CG/JU
 Sample : L1955-16
 Misc : MDL-SOILME-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

Quant Time: Jul 24 23:59:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	66025	3.997	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	41511	4.177	ng/uL	98
38) Hexachlorocyclopentadiene	12.77	237	12848	2.258	ng/uL	94
39) 2,4,6-Trichlorophenol	13.02	196	20503	3.530	ng/uL	96
40) 2,4,5-Trichlorophenol	13.09	196	23673	3.749	ng/uL	98
41) 1,1'-Biphenyl	13.43	154	90593	4.073	ng/uL	97
42) 2-Chloronaphthalene	13.46	162	73672	4.152	ng/uL	99
43) 2-Nitroaniline	13.65	65	15386	3.678	ng/uL	91
45) Dimethylphthalate	14.04	163	92968	4.135	ng/uL	97
46) 2,6-Dinitrotoluene	14.15	165	15277	3.563	ng/uL#	92
48) Acenaphthylene	14.31	152	109097	4.008	ng/uL	98
49) 3-Nitroaniline	14.48	138	12742	3.155	ng/uL	95
50) Acenaphthene	14.65	153	77375	3.948	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	5019	2.644	ng/uL#	91
53) 4-Nitrophenol	14.79	109	10229	3.893	ng/uL#	83
54) Dibenzofuran	14.98	168	113173	4.234	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	23634	3.871	ng/uL#	96
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21713	3.688	ng/uL#	99
57) Diethylphthalate	15.41	149	88488	3.984	ng/uL	99
59) Fluorene	15.63	166	93234	4.113	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.63	204	46783	3.929	ng/uL	96
61) 4-Nitroaniline	15.64	138	14159m	3.145	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	14431	4.141	ng/uL#	69
65) N-Nitrosodiphenylamine	15.84	169	80458	4.233	ng/uL	99
66) 4-Bromophenyl-phenylether	16.52	248	33513	4.125	ng/uL	94
67) Hexachlorobenzene	16.64	284	36936	4.028	ng/uL	98
68) Atrazine	16.79	200	30063	3.956	ng/uL	94
69) Pentachlorophenol	16.98	266	14938	3.056	ng/uL	94
70) Phenanthrene	17.37	178	155530	4.263	ng/uL	97
72) Anthracene	17.46	178	152046	4.183	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	42484	4.328	ng/uL	96
74) Pentachlorobenzene	14.91	250	40998	4.135	ng/uL	95
75) Carbazole	17.73	167	132878	4.555	ng/uL	98
76) Di-n-butylphthalate	18.30	149	144803	4.034	ng/uL	98
77) Fluoranthene	19.38	202	198636	4.964	ng/uL	98
80) Pvrene	19.74	202	201547	4.254	ng/uL	99
81) Butylbenzylphthalate	20.63	149	62950	3.871	ng/uL	95
82) 3,3'-Dichlorobenzidine	21.48	252	56528	3.759	ng/uL#	98
83) Benzo(a)anthracene	21.56	228	206620	4.478	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	91967	3.888	ng/uL	97
85) Chrysene	21.62	228	197535	4.404	ng/uL	96
87) Di-n-octyl phthalate	22.67	149	151288	3.701	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	205041	3.880	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	197430	3.805	ng/uL	97
91) Benzo(a)pyrene	24.55	252	201715	4.162	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	219509	3.627	ng/uL	99
93) Dibenzo(a,h)anthracene	28.27	278	182167	3.679	ng/uL	98
94) Benzo(a,h,i)perylene	29.30	276	189872	3.712	ng/uL	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046073.D
Acq On : 24 Jul 2020 21:01
Operator : CG/JU
Sample : L1955-16
Misc : MDL-SOILME-02
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

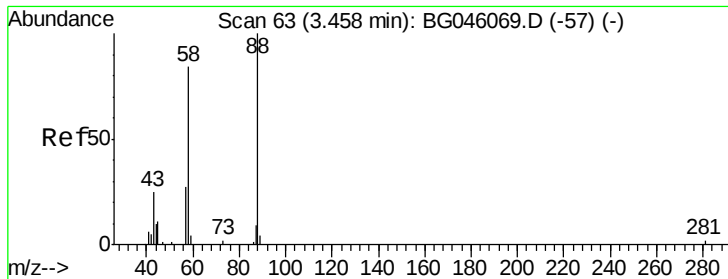
Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM

Quant Time: Jul 24 23:59:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#2

1,4-Dioxane

Concen: 1.973 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

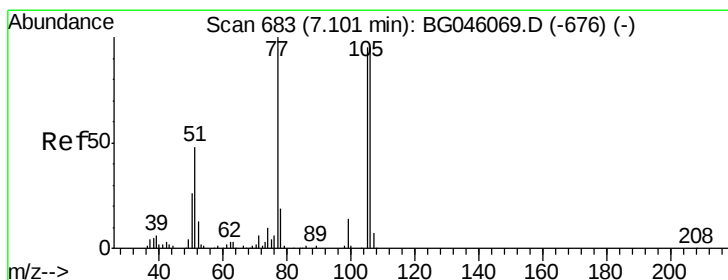
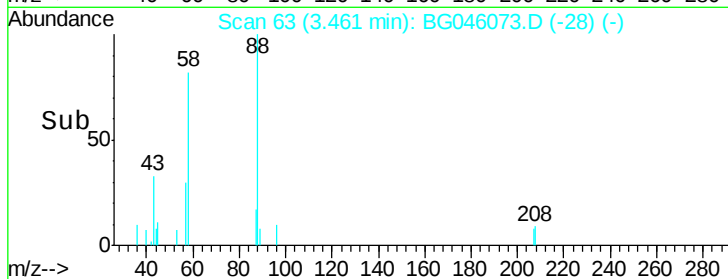
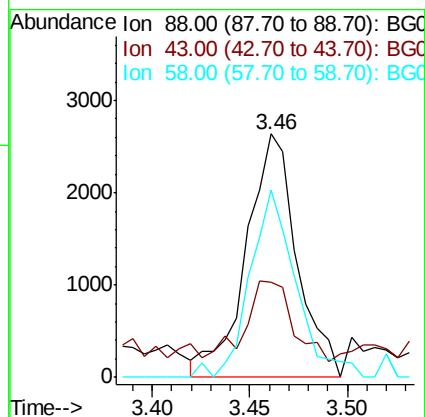
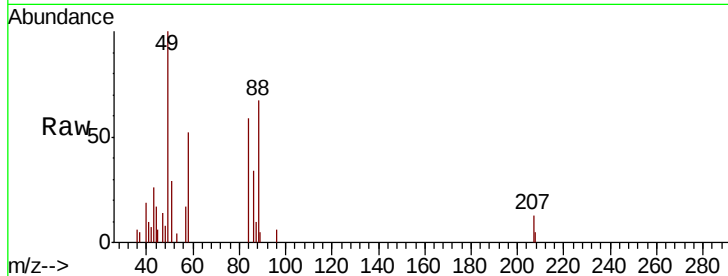
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	88	Resp:	4747
Ion	Ratio	Lower	Upper
88	100		
43	38.9	26.6	39.8
58	76.8	57.4	86.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



#4

Benzaldehyde

Concen: 2.622 ng/uL

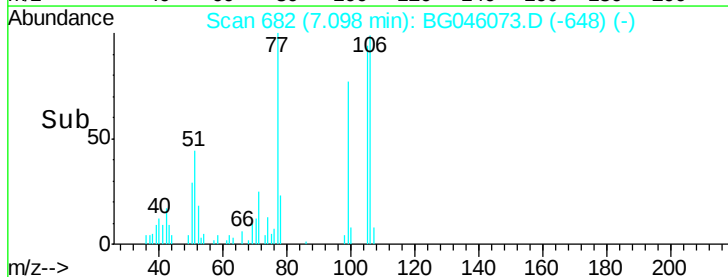
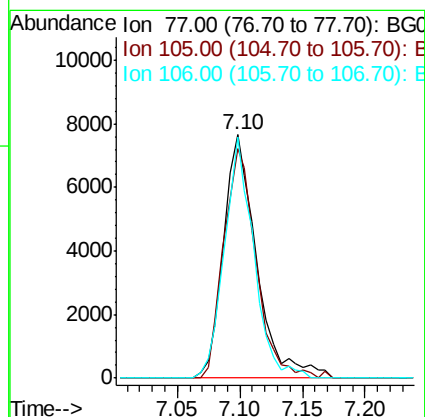
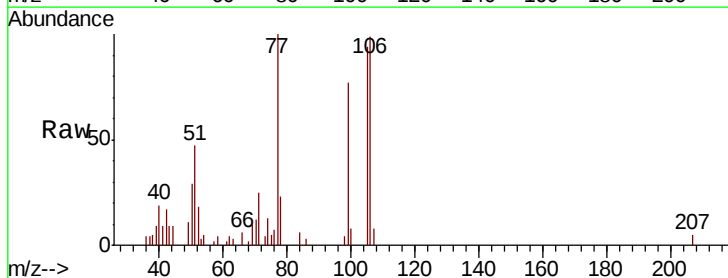
RT: 7.10 min Scan# 682

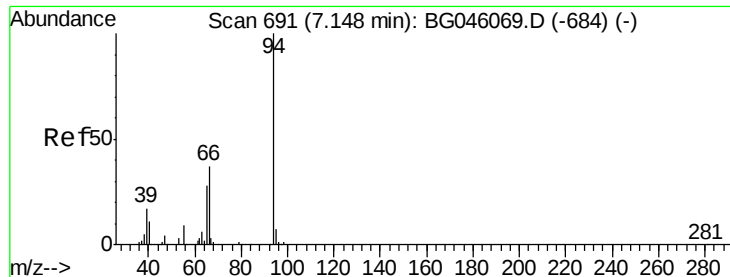
Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Tgt Ion:	77	Resp:	14235
Ion	Ratio	Lower	Upper
77	100		
105	94.1	79.4	119.2
106	98.8	78.6	117.8





#6

Phenol

Concen: 3.985 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

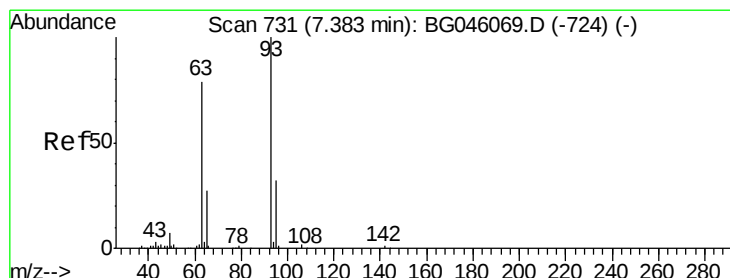
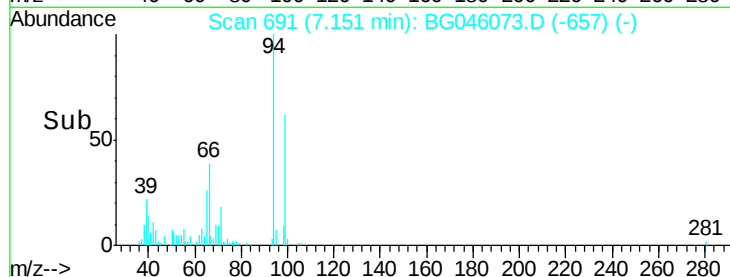
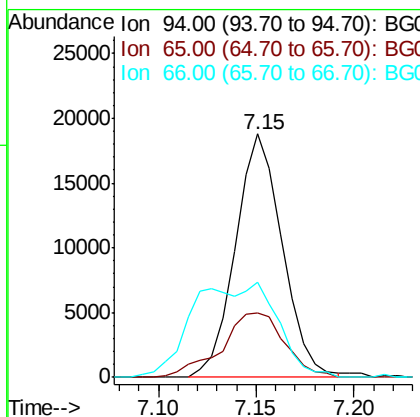
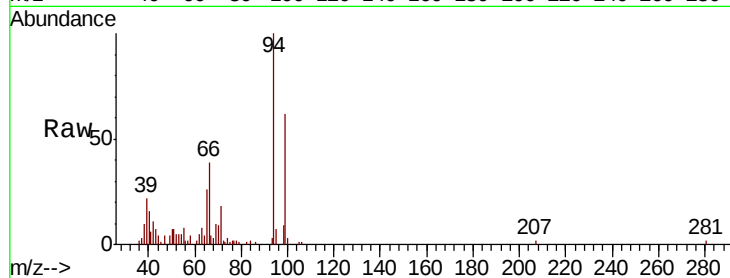
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	94	Resp:	31253
Ion	Ratio	Lower	Upper
94	100		
65	26.5	23.1	34.7
66	39.1	30.3	45.5

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



#8

Bis(2-Chloroethyl)ether

Concen: 4.036 ng/ul

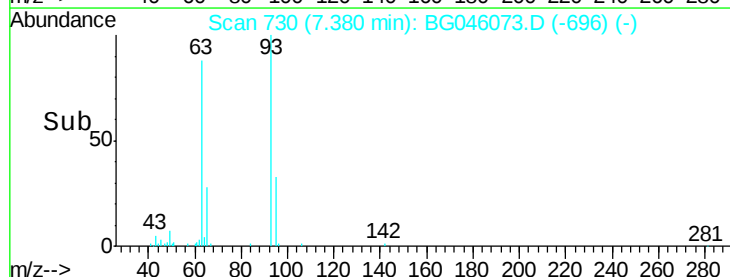
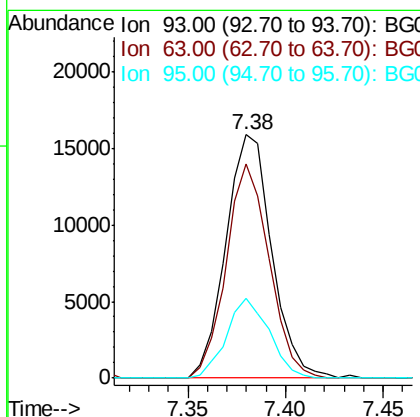
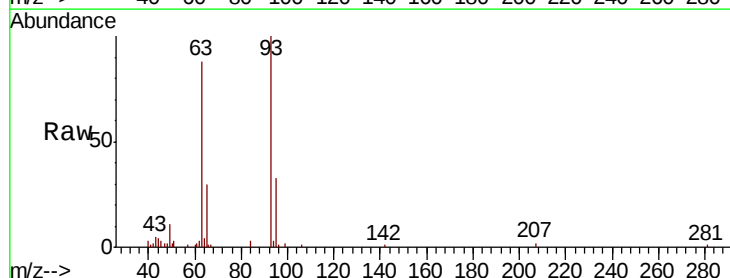
RT: 7.38 min Scan# 730

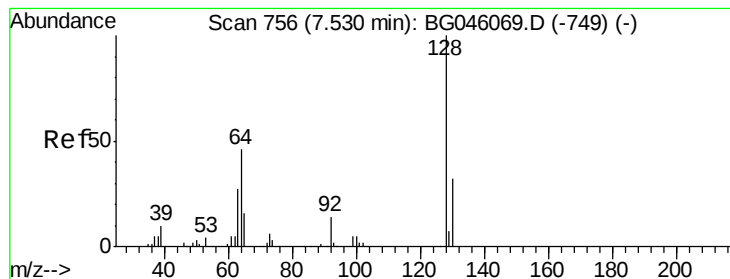
Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Tgt Ion:	93	Resp:	25906
Ion	Ratio	Lower	Upper
93	100		
63	88.0	63.4	95.2
95	32.8	26.4	39.6





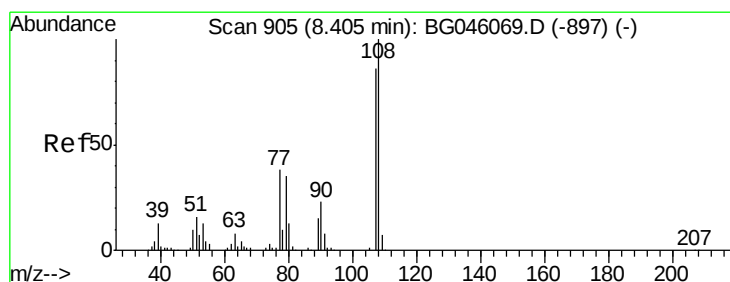
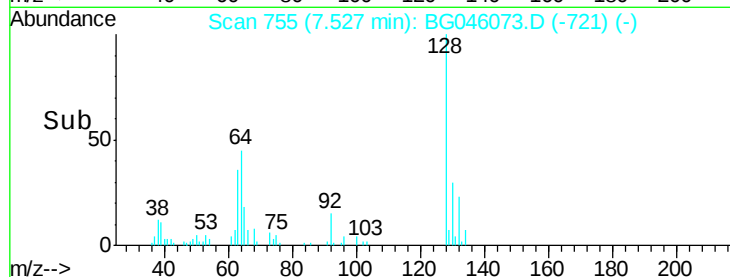
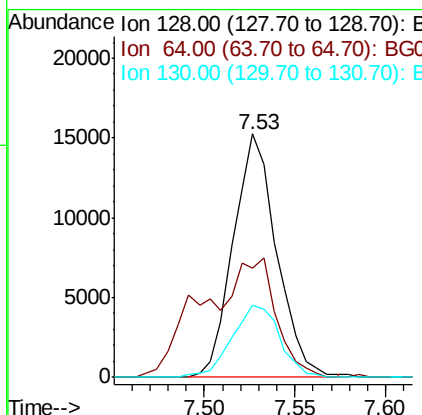
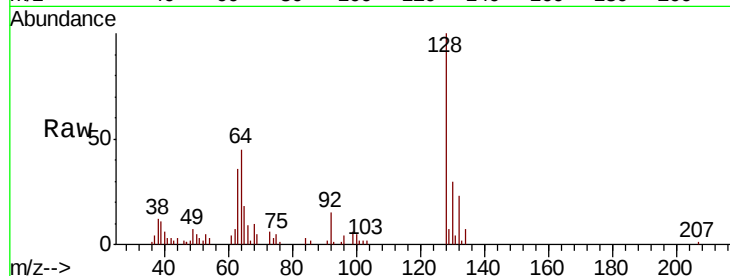
#10
2-Chlorophenol
Concen: 4.109 ng/ul
RT: 7.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
128	100		
64	45.1	39.0	58.6
130	29.6	25.0	37.4

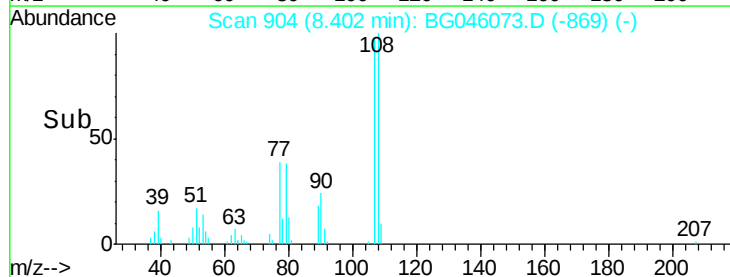
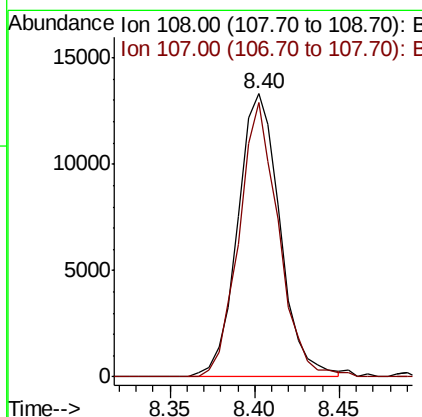
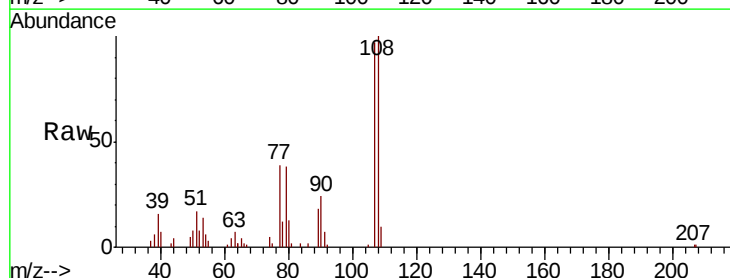
Manual Integrations
APPROVED

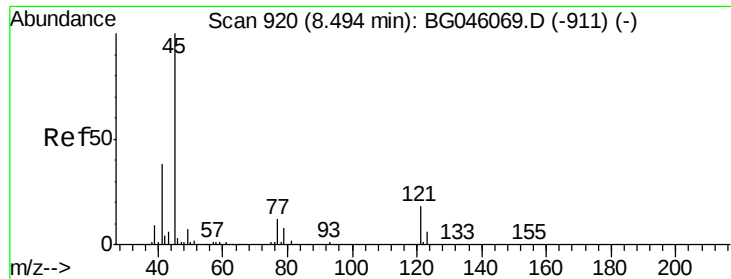
mohammad
7/27/2020 12:20:37 PM



#11
2-Methylphenol
Concen: 3.662 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
108	100		
107	97.0	75.0	112.4





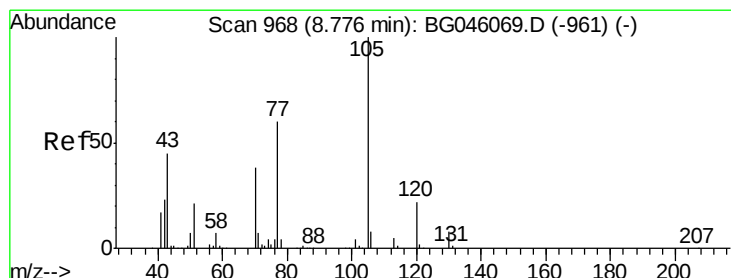
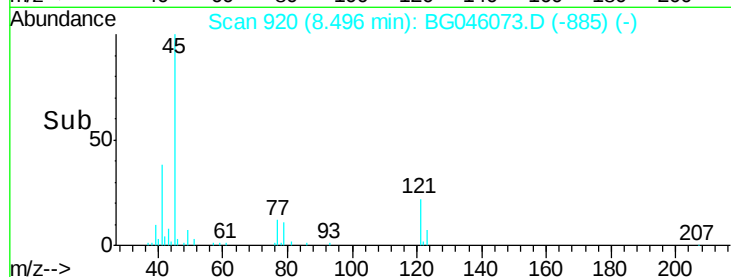
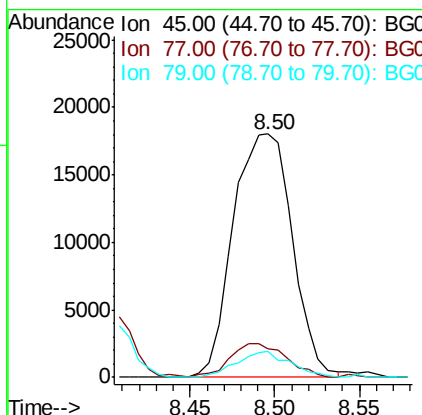
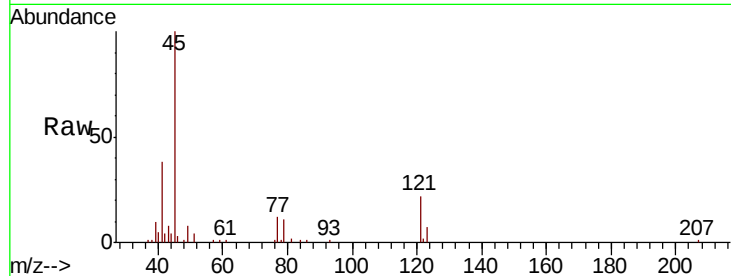
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.019 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
45	100		
77	11.8	9.2	13.8
79	10.9	7.0	10.6

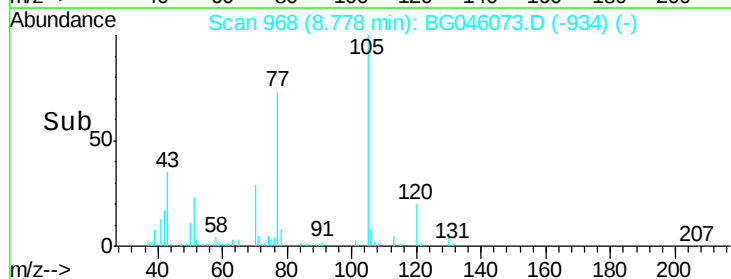
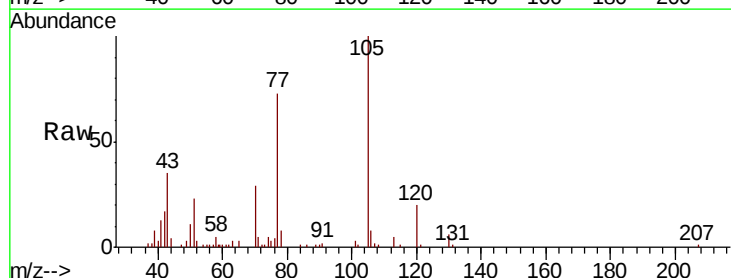
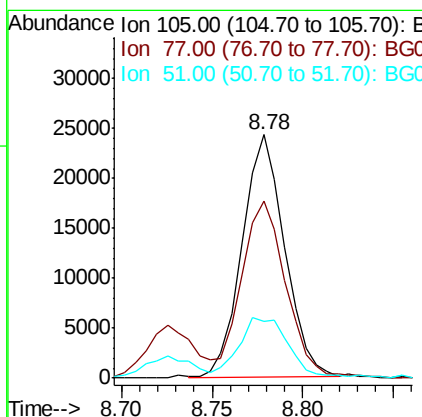
Manual Integrations
APPROVED

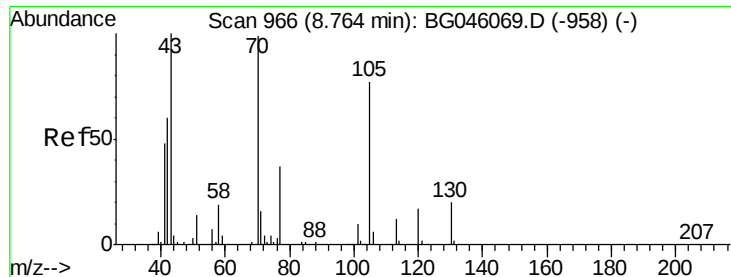
mohammad
7/27/2020 12:20:37 PM



#14
Acetophenone
Concen: 4.177 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
105	100		
77	72.5	62.2	93.2
51	23.2	23.0	34.6





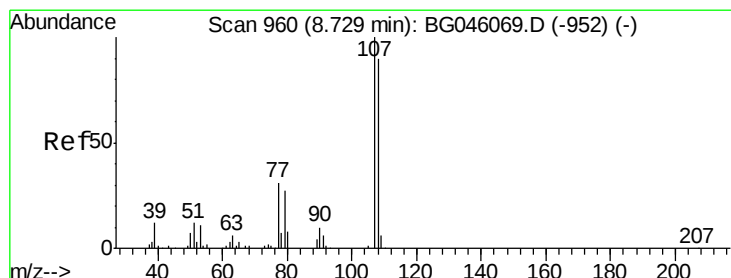
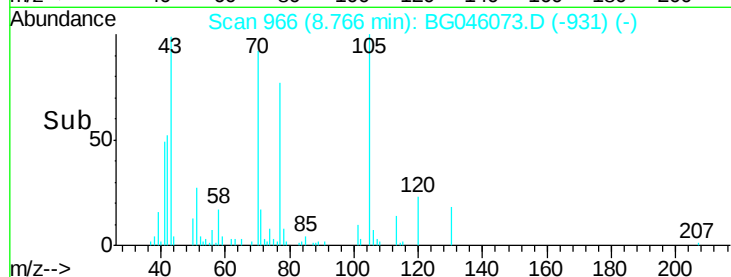
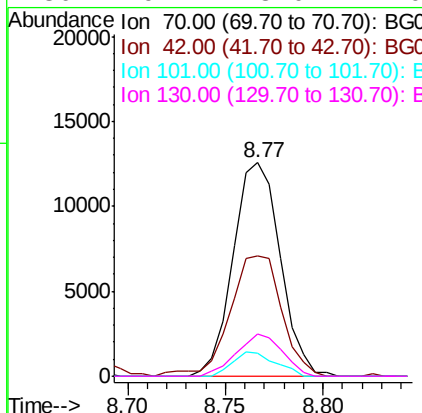
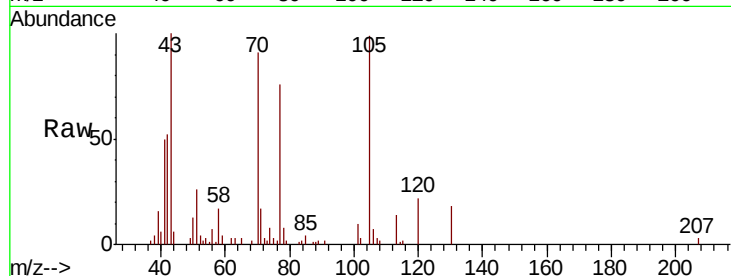
#15
N-Nitroso-di-n-propylamine
Concen: 4.107 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	50.0	75.0
101	10.6	8.1	12.1
130	19.7	18.0	27.0

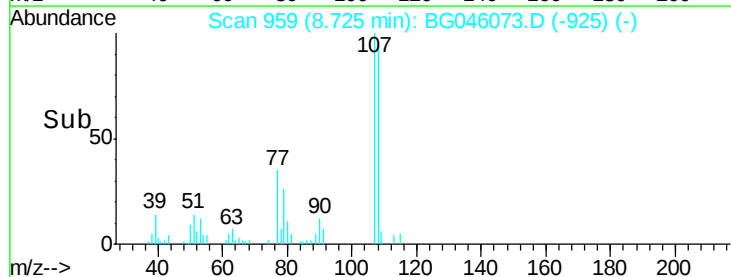
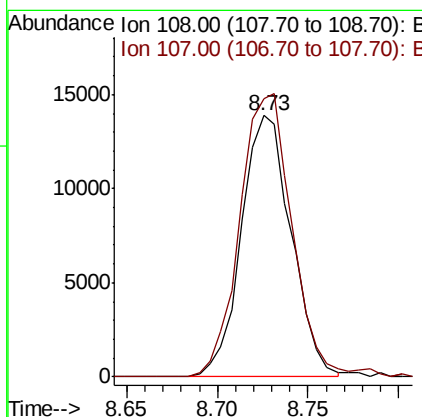
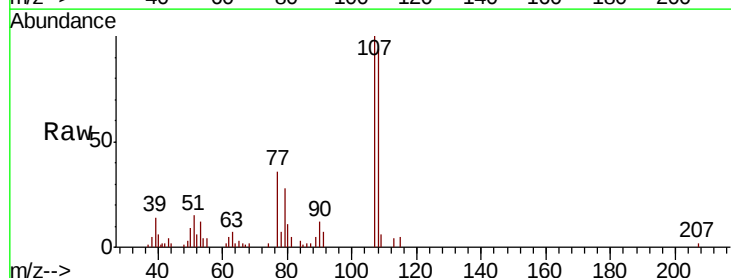
Manual Integrations
APPROVED

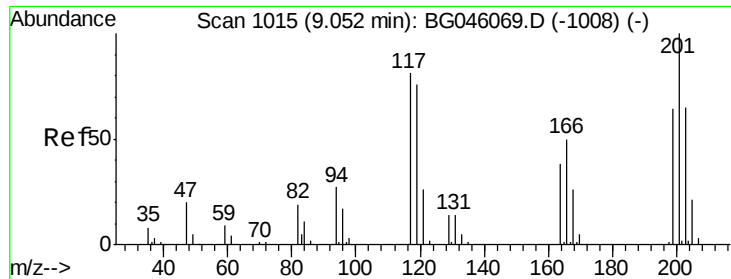
mohammad
7/27/2020 12:20:37 PM



#16
4-Methylphenol
Concen: 3.925 ng/ul
RT: 8.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
108	100		
107	106.6	94.6	141.8





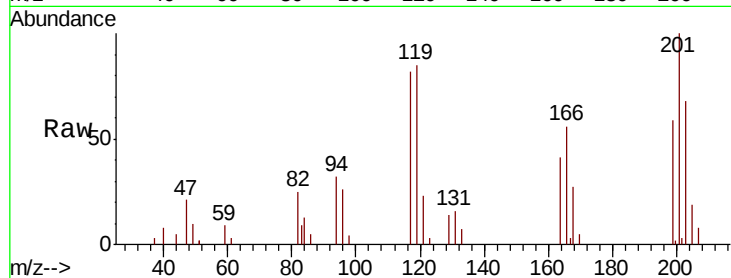
#17
Hexachloroethane
Concen: 3.994 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

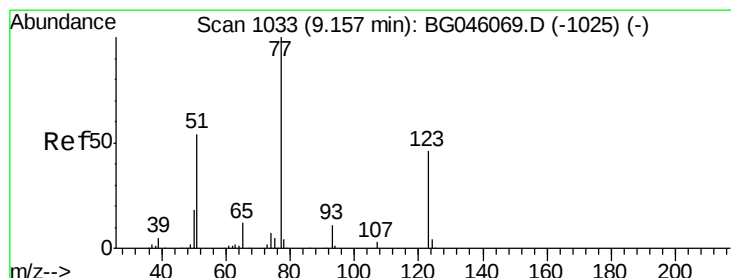
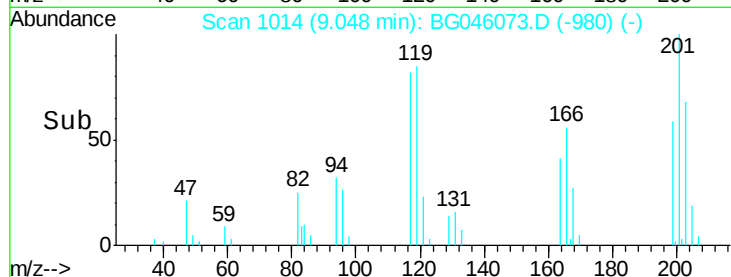
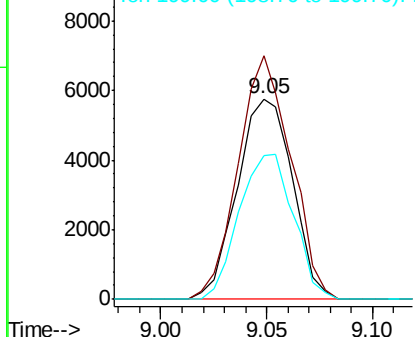
Tot Ion	Ratio	Resp	Lower	Upper
117	100	10470		
201	121.4		98.2	147.4
199	71.8		61.4	92.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



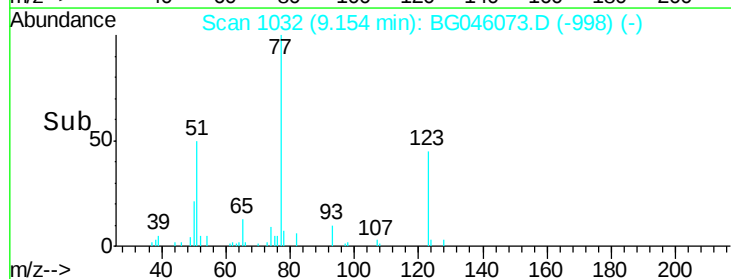
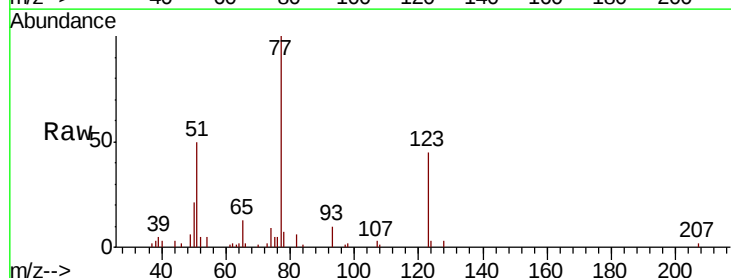
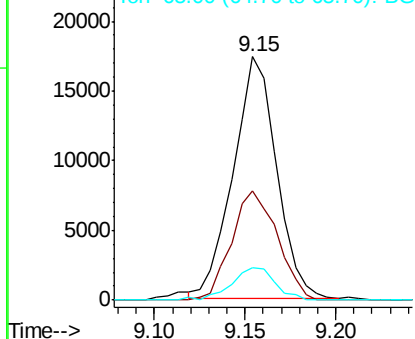
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

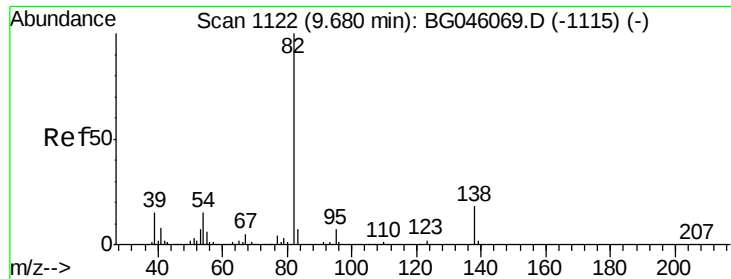


#20
Nitrobenzene
Concen: 3.812 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	28745		
123	44.9		36.1	54.1
65	13.1		10.5	15.7

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





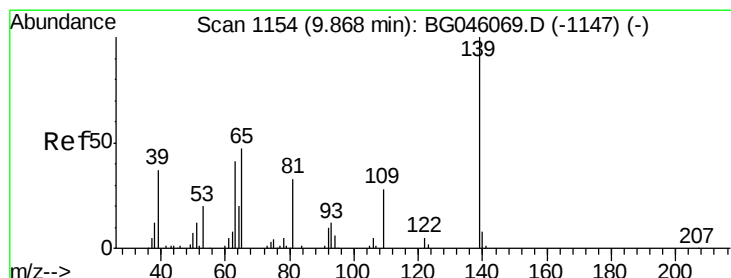
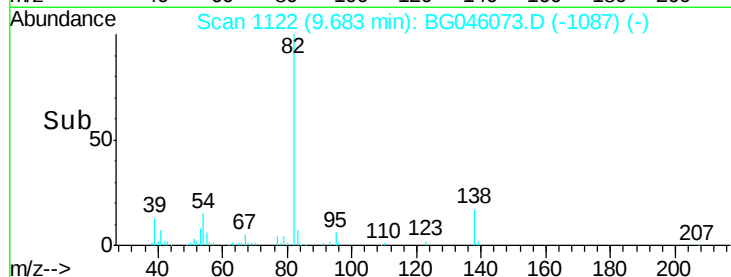
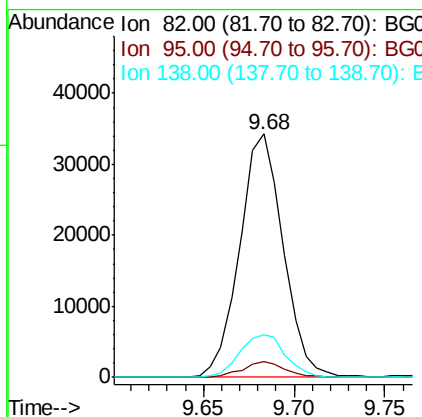
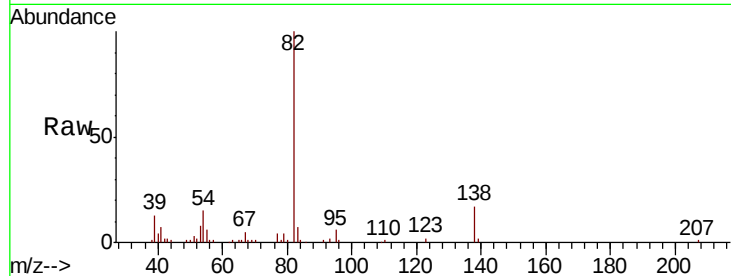
#21
Isophorone
Concen: 3.871 ng/ul
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.8	8.8
138	17.5	16.2	24.4

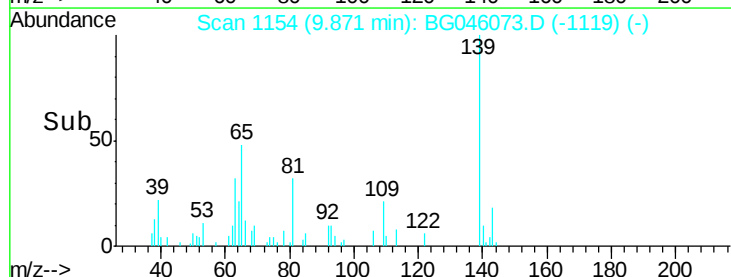
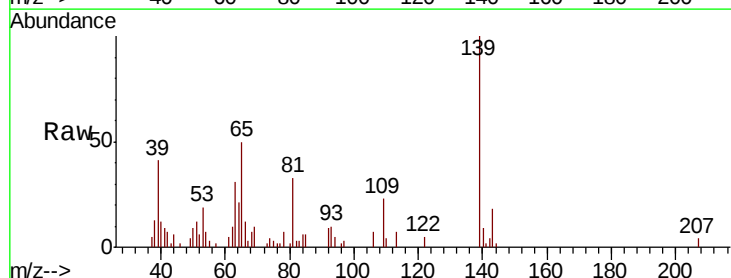
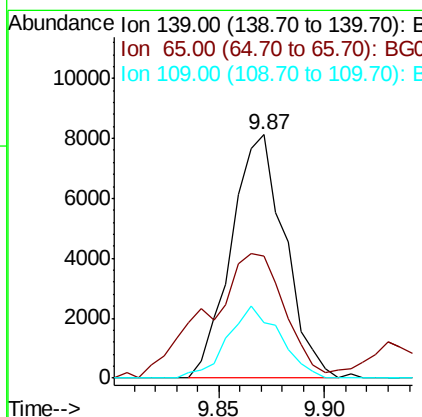
Manual Integrations
APPROVED

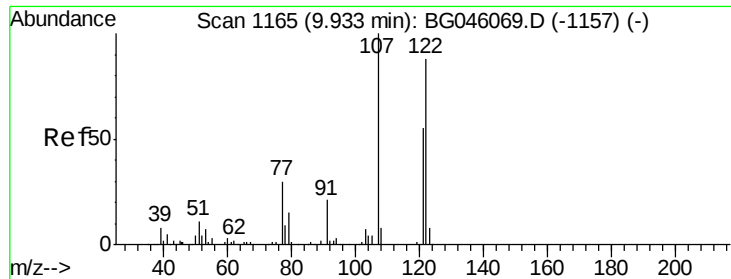
mohammad
7/27/2020 12:20:37 PM



#23
2-Nitrophenol
Concen: 4.255 ng/ul
RT: 9.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
139	100		
65	50.3	37.2	55.8
109	22.5	22.4	33.6





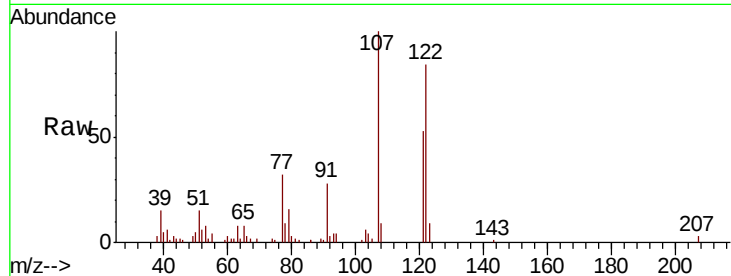
#24
 2,4-Dimethylphenol
 Concen: 3.368 ng/ul
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
107	100		
121	53.0	40.4	60.6
122	84.2	68.2	102.4

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

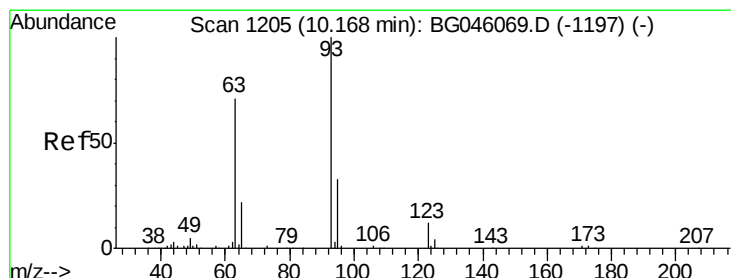
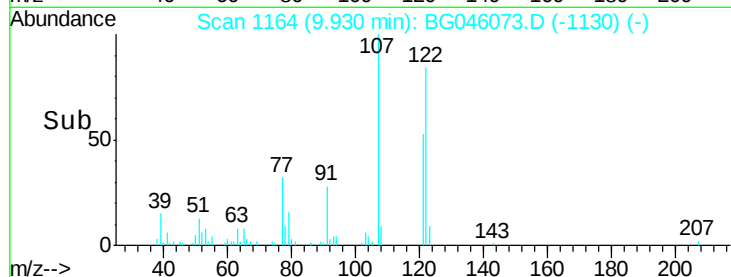
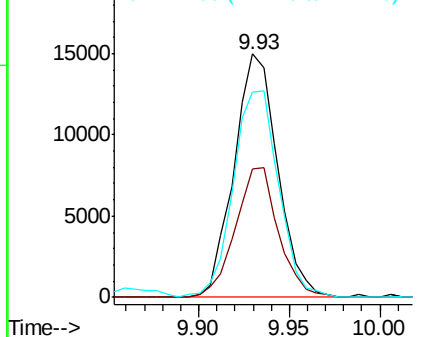


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.794 ng/ul
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

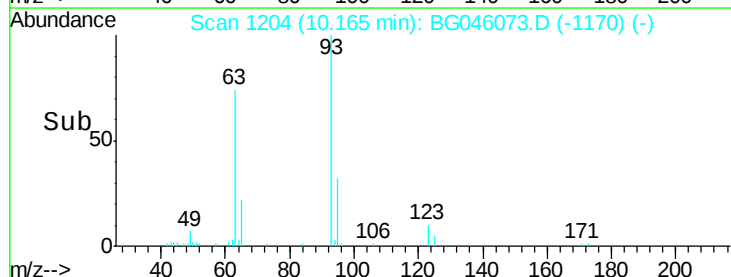
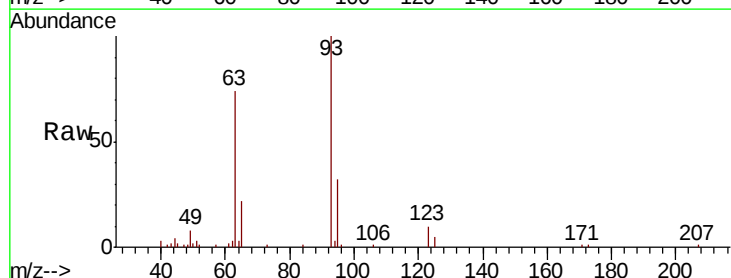
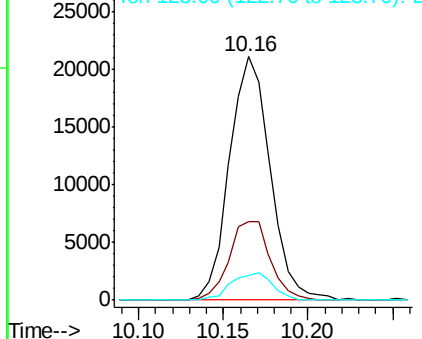
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	10.2	9.0	13.4

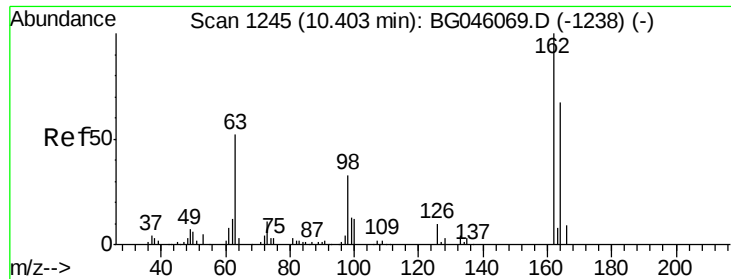
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





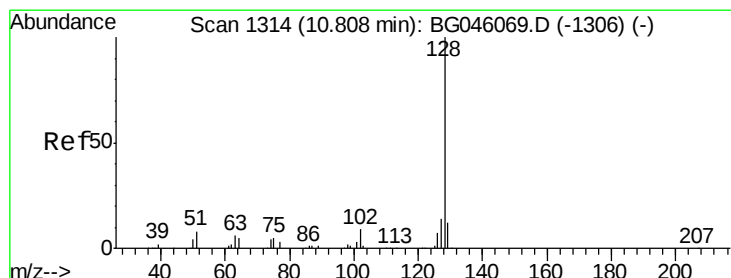
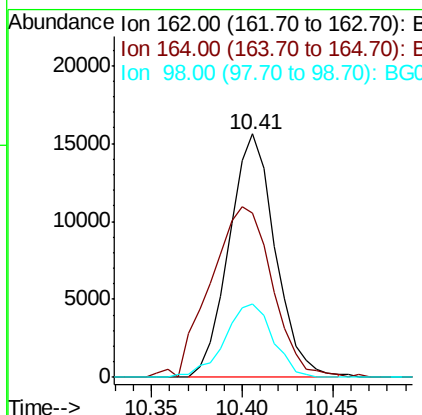
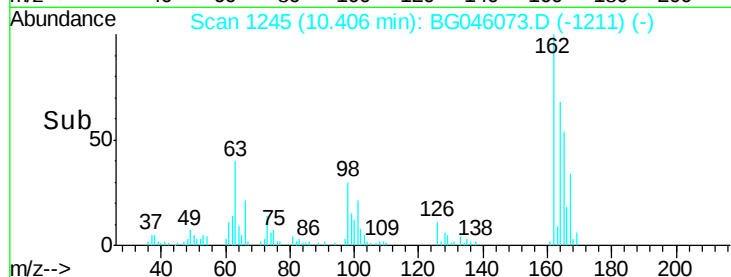
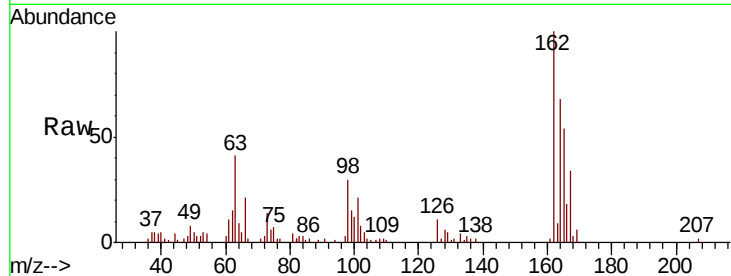
#27
2,4-Dichlorophenol
Concen: 4.137 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:	162	Resp:	27682
Ion Ratio	Lower	Upper	
162	100		
164	67.7	51.0	76.4
98	30.3	23.8	35.6

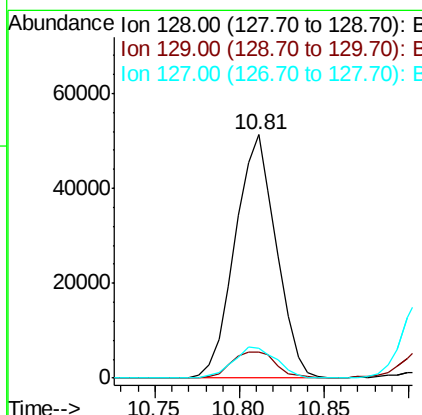
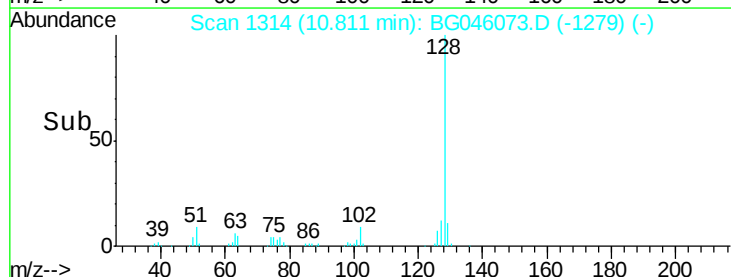
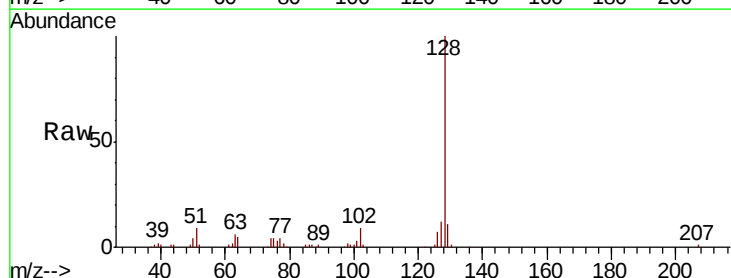
Manual Integrations
APPROVED

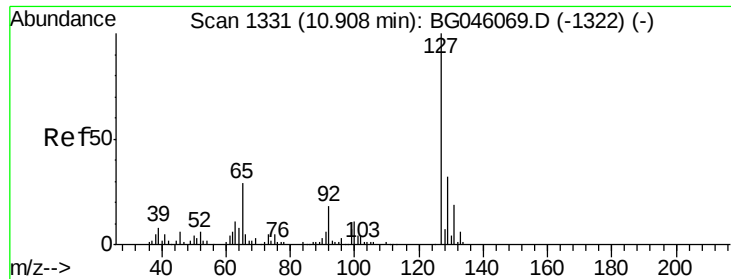
mohammad
7/27/2020 12:20:37 PM



#28
Naphthalene
Concen: 3.897 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:	128	Resp:	86689
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	13.0
127	12.1	11.2	16.8





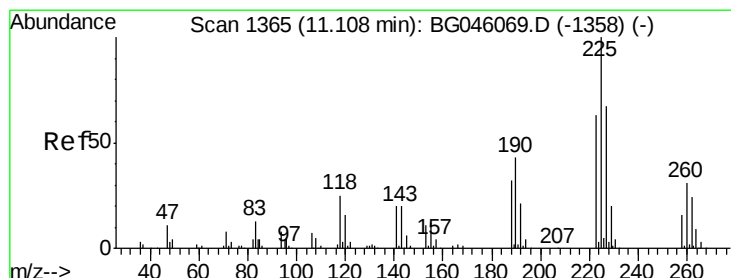
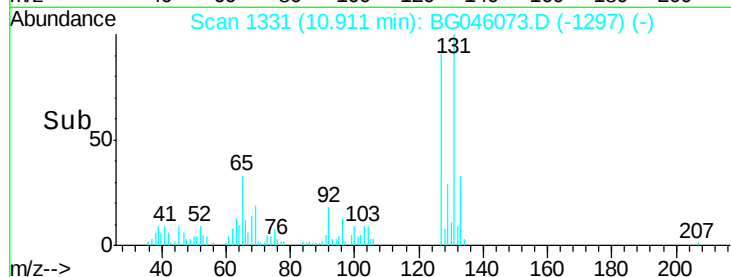
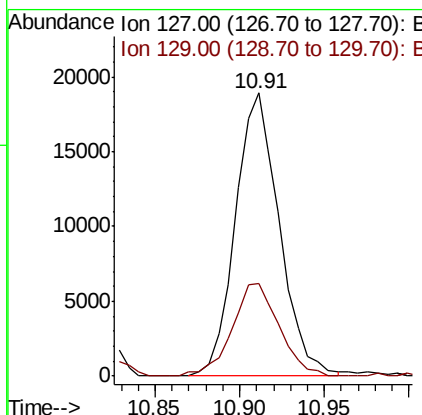
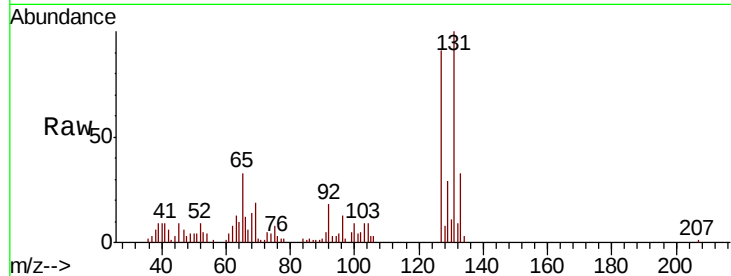
#30
4-Chloroaniline
Concen: 4.645 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:127 Resp: 34161
Ion Ratio Lower Upper
127 100
129 32.5 28.2 42.4

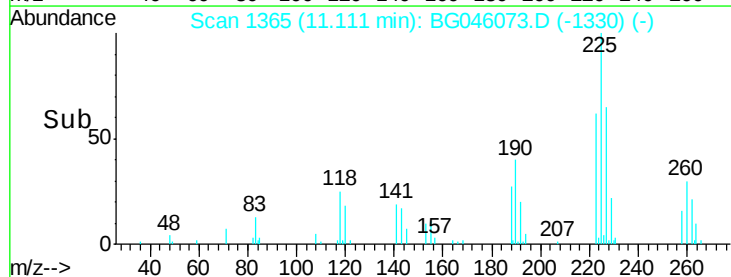
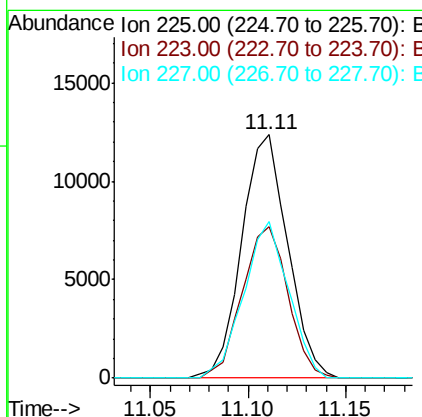
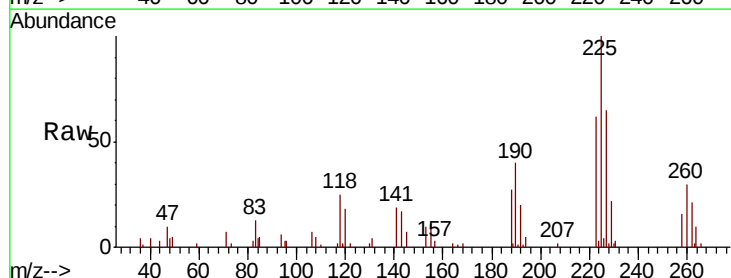
Manual Integrations
APPROVED

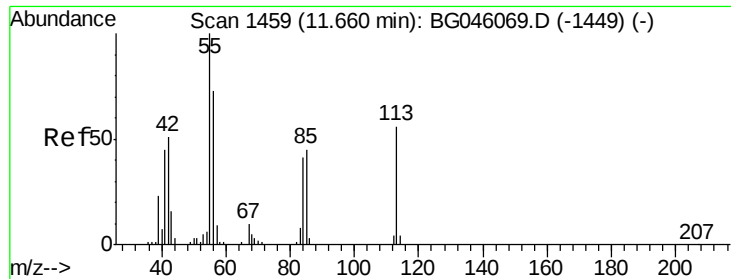
mohammad
7/27/2020 12:20:37 PM



#31
Hexachlorobutadiene
Concen: 3.923 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:225 Resp: 20199
Ion Ratio Lower Upper
225 100
223 62.2 47.7 71.5
227 64.6 50.7 76.1





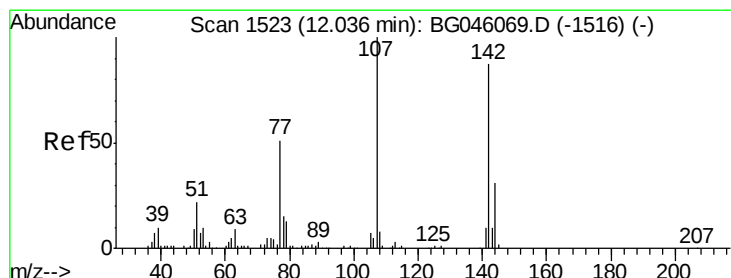
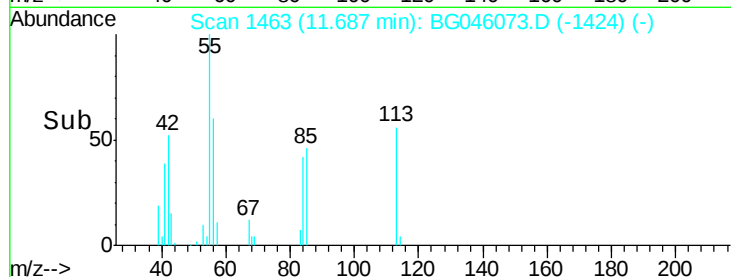
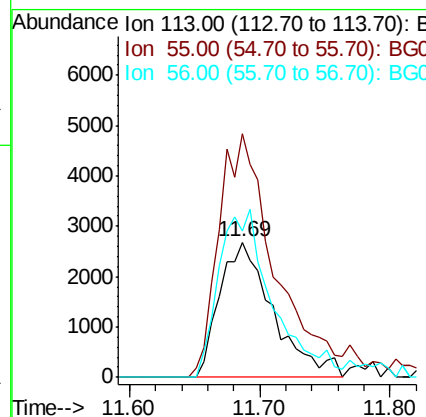
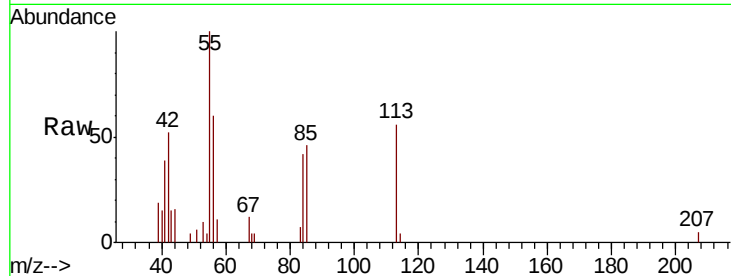
#32
Caprolactam
Concen: 3.378 ng/ul m
RT: 11.69 min Scan# 1463
Delta R.T. 0.03 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.9	143.8	215.6
56	108.4	99.0	148.4

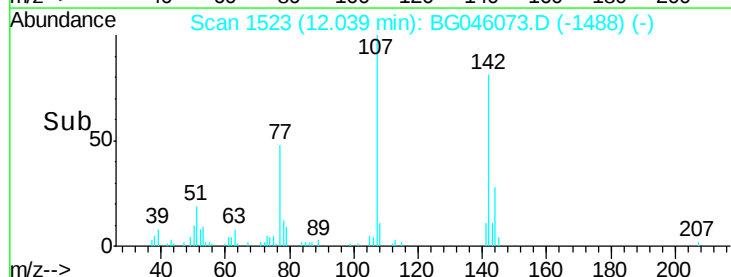
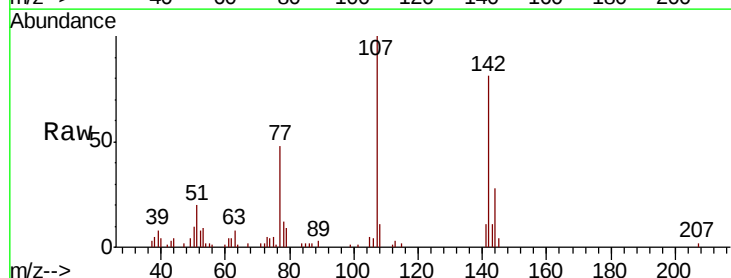
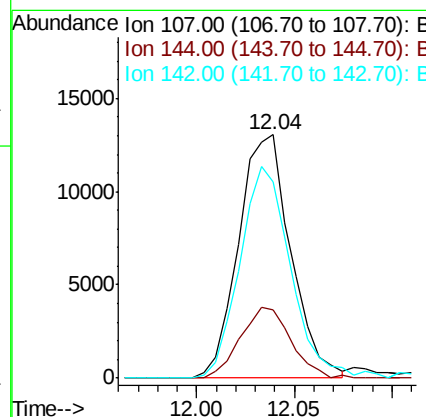
Manual Integrations
APPROVED

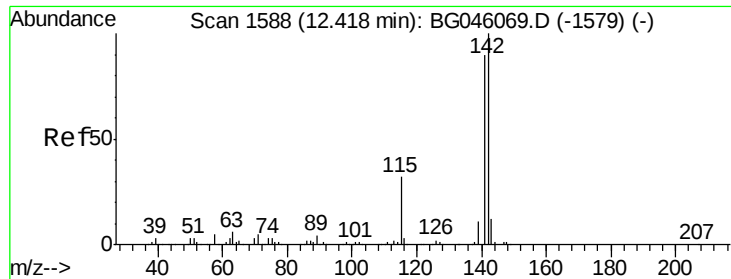
mohammad
7/27/2020 12:20:37 PM



#33
4-Chloro-3-methylphenol
Concen: 3.520 ng/ul
RT: 12.04 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	23.0	34.6
142	80.6	69.6	104.4





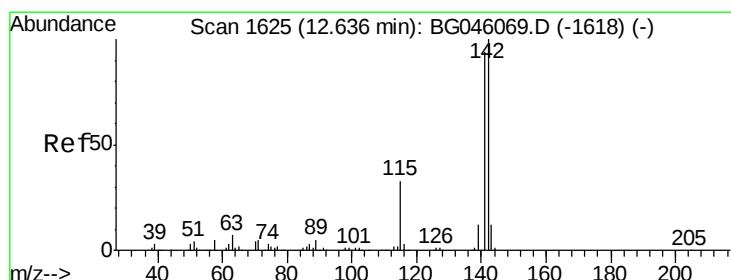
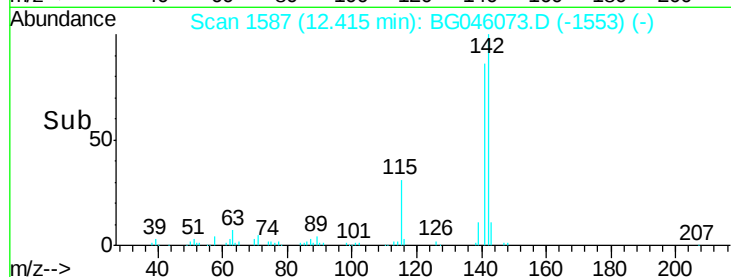
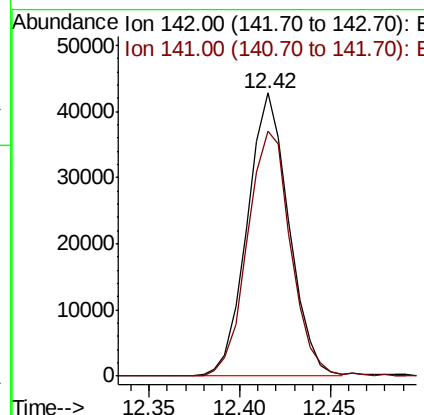
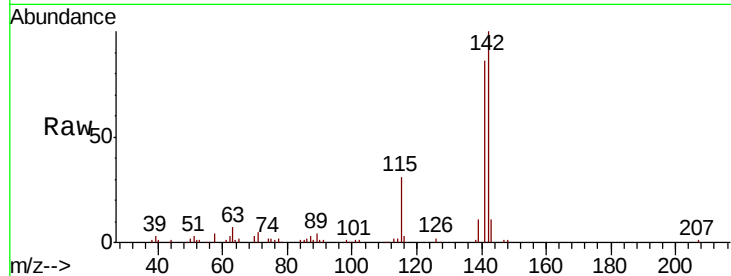
#34
2-Methylnaphthalene
Concen: 4.099 ng/uL
RT: 12.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:142 Resp: 68552
Ion Ratio Lower Upper
142 100
141 86.3 70.2 105.4

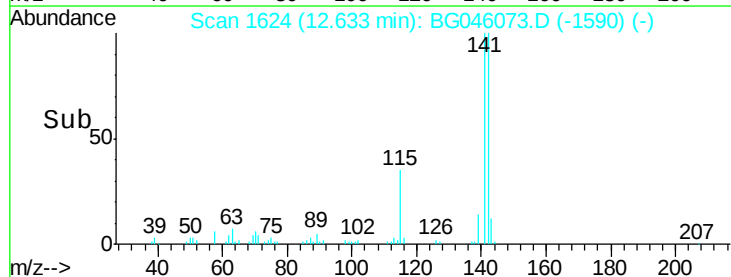
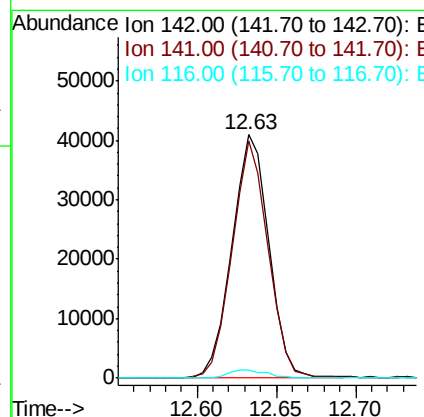
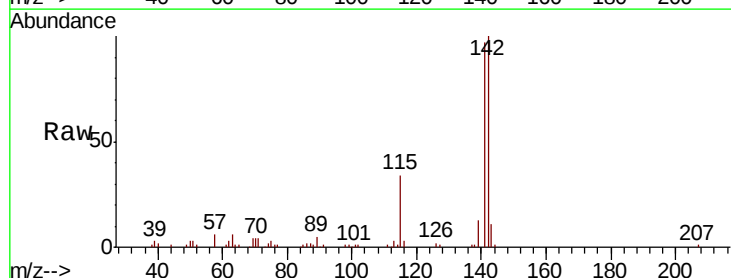
Manual Integrations
APPROVED

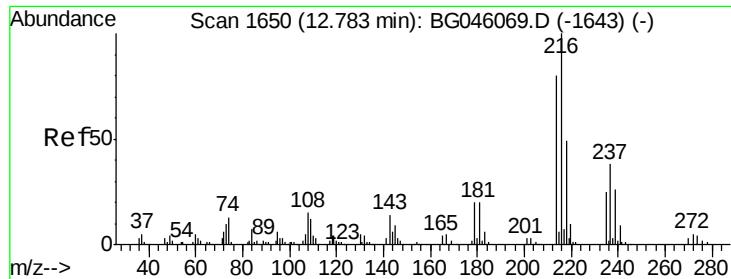
mohammad
7/27/2020 12:20:37 PM



#35
1-Methylnaphthalene
Concen: 3.997 ng/uL
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:142 Resp: 66025
Ion Ratio Lower Upper
142 100
141 94.6 75.2 112.8
116 3.3 2.7 4.1





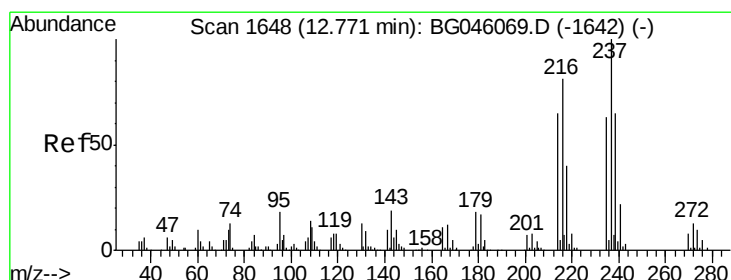
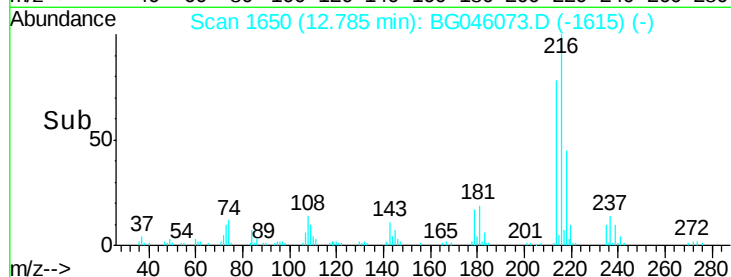
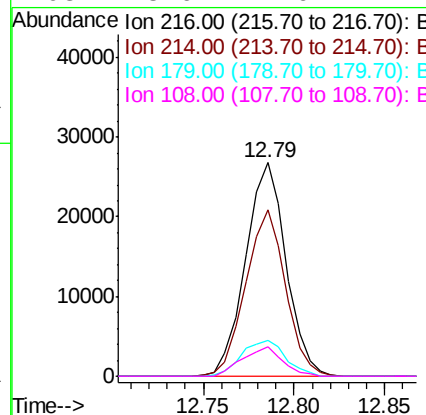
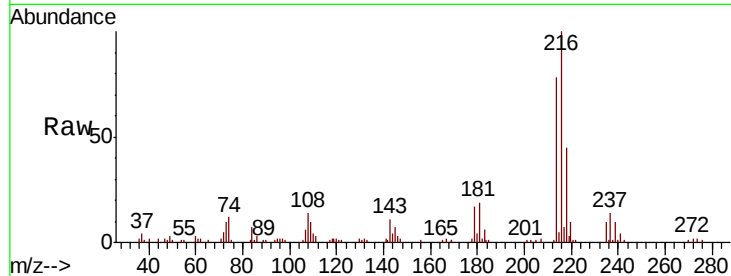
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.177 ng/ul
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	216	Resp:	41511
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.4	95.2
179	16.8	15.4	23.2
108	13.6	11.6	17.4

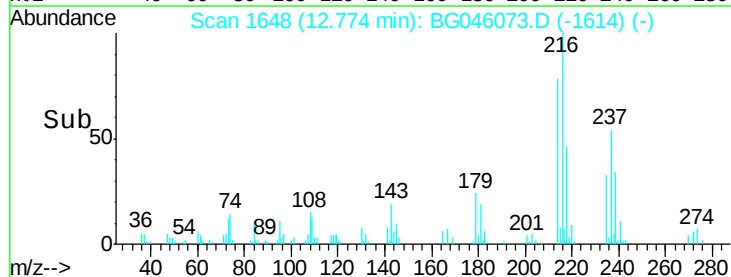
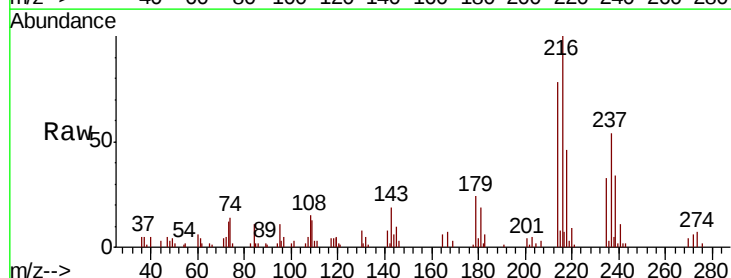
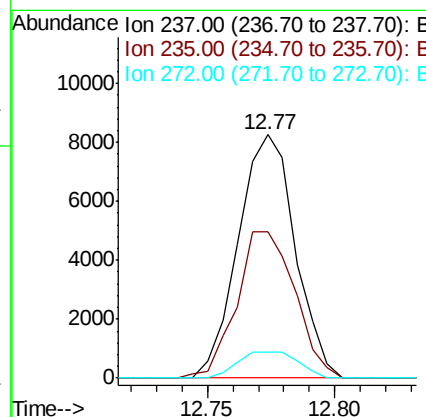
Manual Integrations
 APPROVED

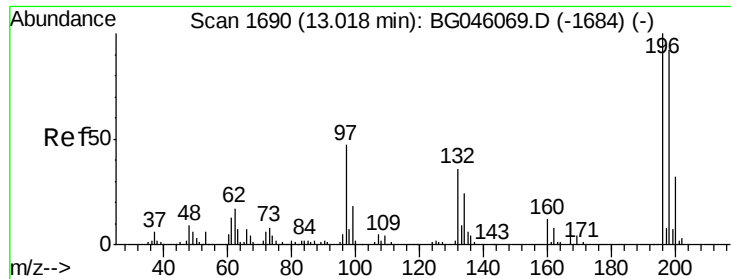
mohammad
 7/27/2020 12:20:37 PM



#38
 Hexachlorocyclopentadiene
 Concen: 2.258 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:	237	Resp:	12848
Ion Ratio	Lower	Upper	
237	100		
235	60.3	52.0	78.0
272	10.8	10.0	15.0





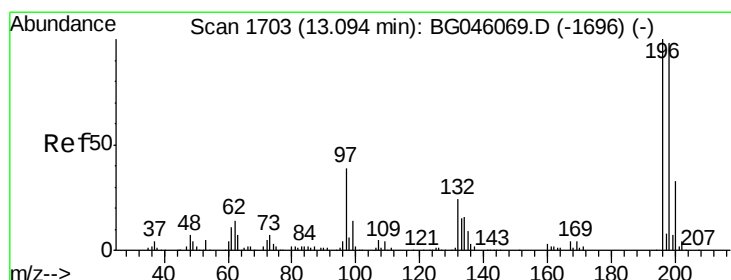
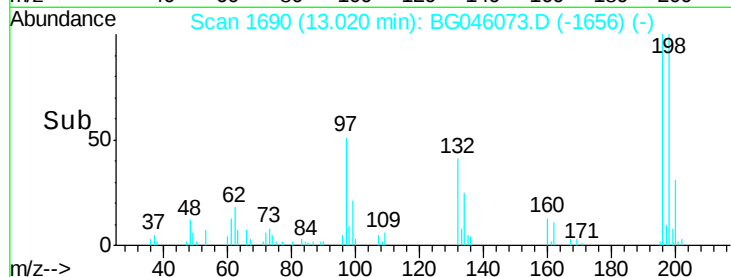
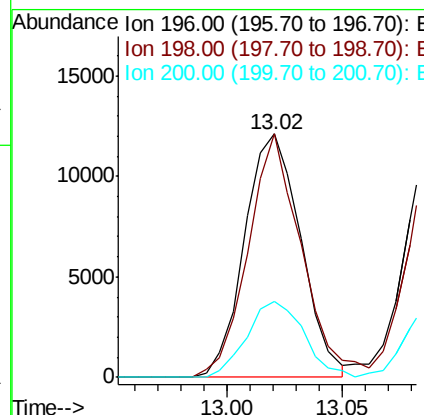
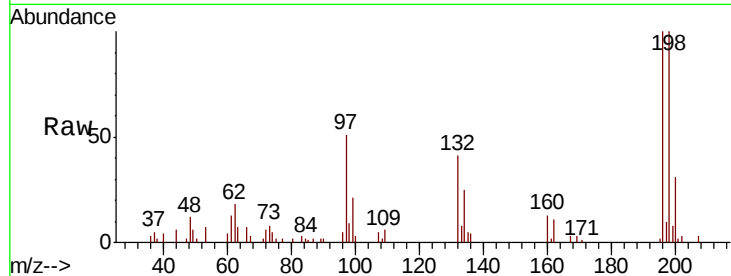
#39
 2,4,6-Trichlorophenol
 Concen: 3.530 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20503		
198	99.9	75.8	113.6	
200	31.2	25.4	38.0	

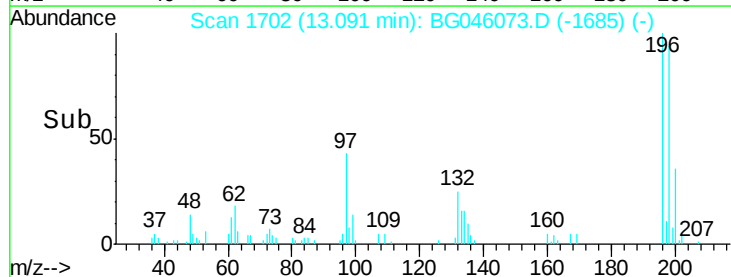
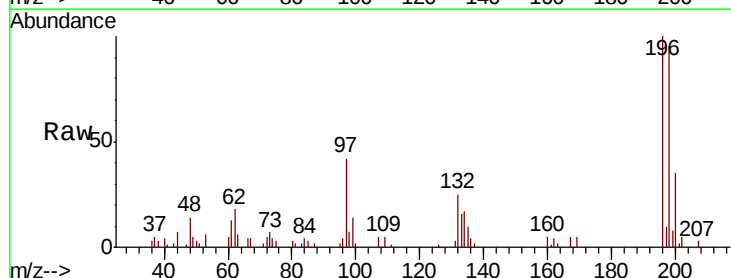
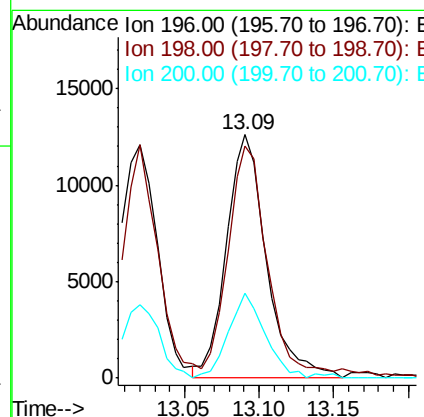
Manual Integrations
 APPROVED

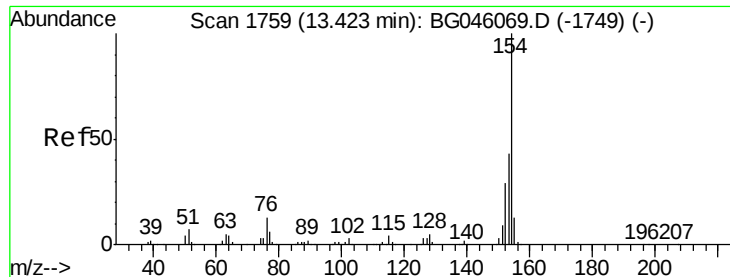
mohammad
 7/27/2020 12:20:37 PM



#40
 2,4,5-Trichlorophenol
 Concen: 3.749 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	23673		
198	95.2	75.2	112.8	
200	35.1	25.8	38.6	





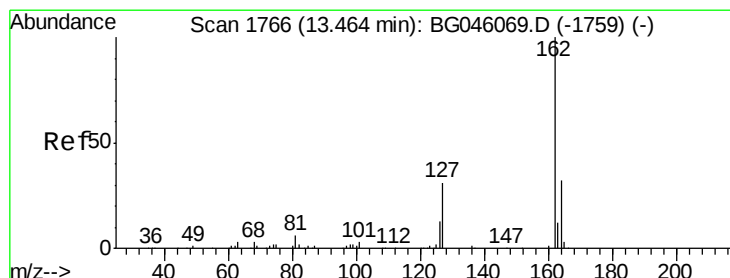
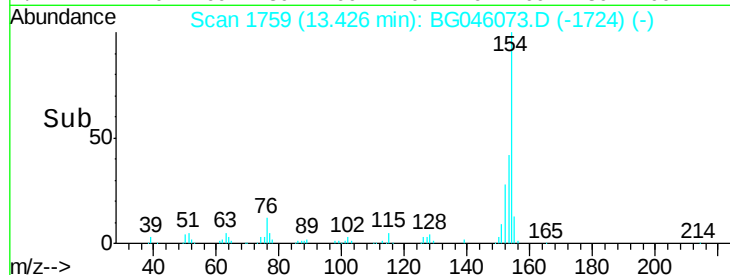
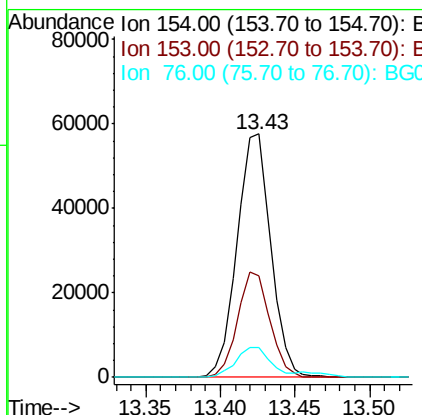
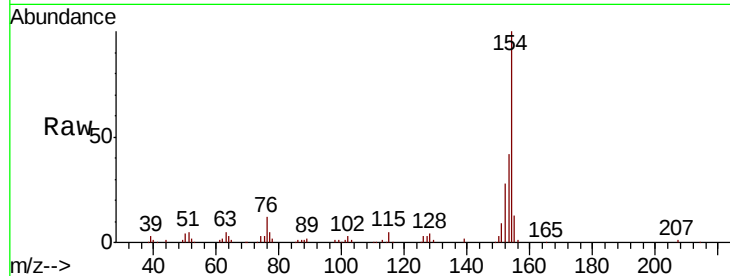
#41
 1,1'-Biphenyl
 Concen: 4.073 ng/ul
 RT: 13.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	154	Resp:	90593
Ion Ratio	Lower	Upper	
154	100		
153	41.7	31.9	47.9
76	12.3	9.3	13.9

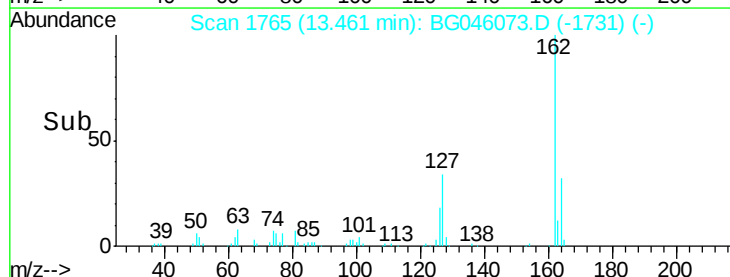
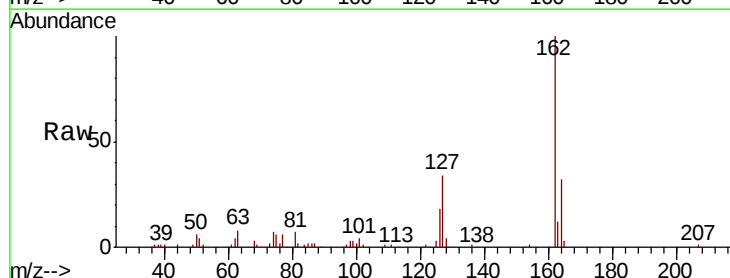
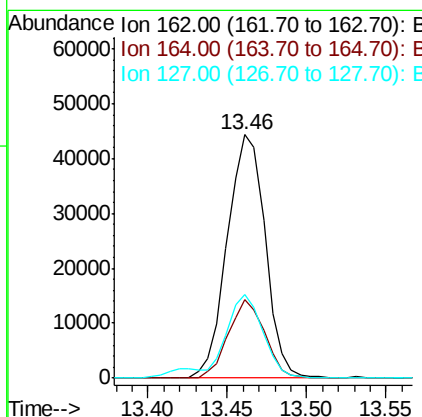
Manual Integrations
 APPROVED

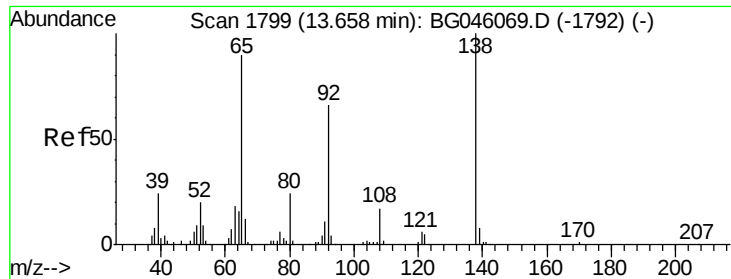
mohammad
 7/27/2020 12:20:37 PM



#42
 2-Chloronaphthalene
 Concen: 4.152 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:	162	Resp:	73672
Ion Ratio	Lower	Upper	
162	100		
164	32.3	26.2	39.2
127	34.5	27.3	40.9





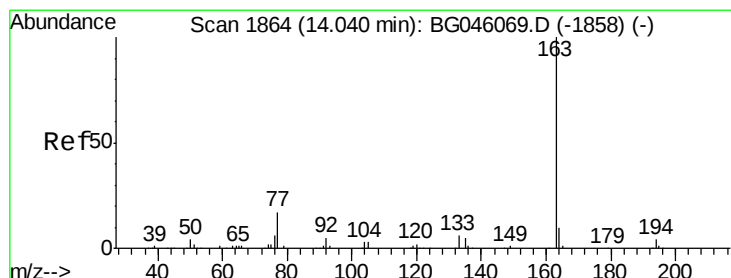
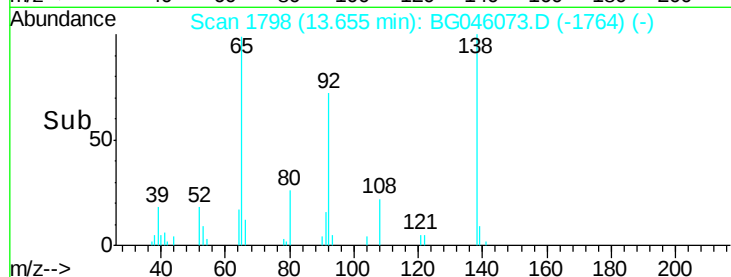
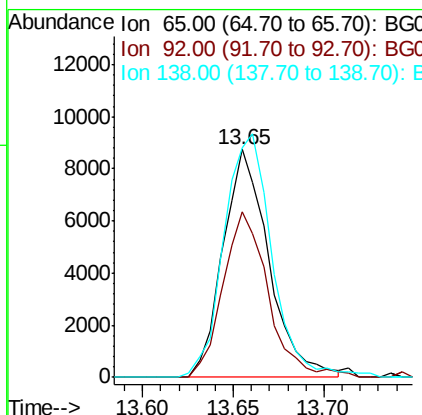
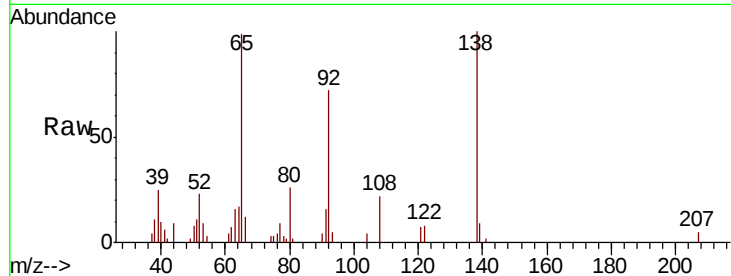
#43
2-Nitroaniline
Concen: 3.678 ng/ul
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.9	58.0	87.0
138	100.7	92.9	139.3

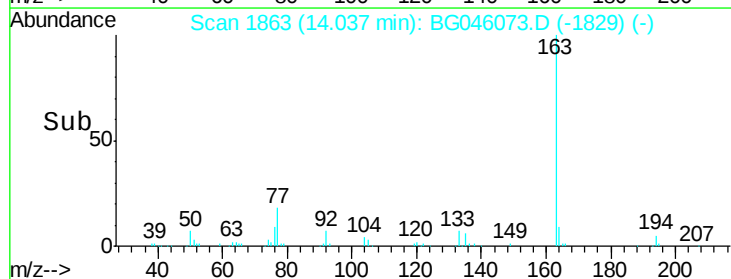
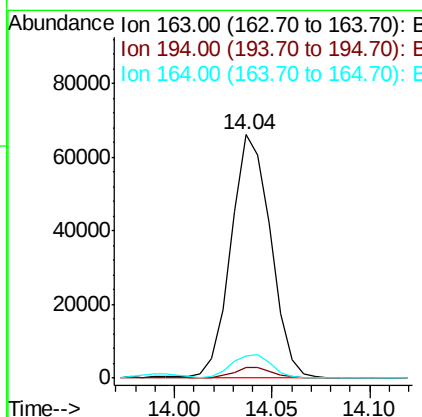
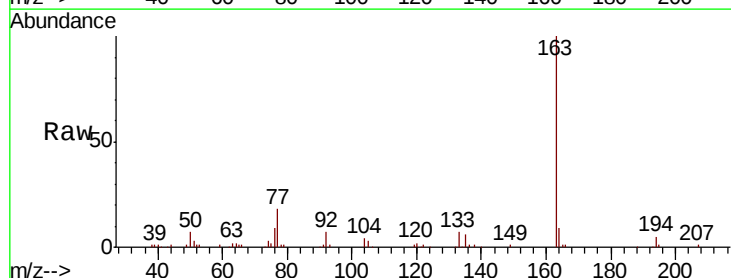
Manual Integrations
APPROVED

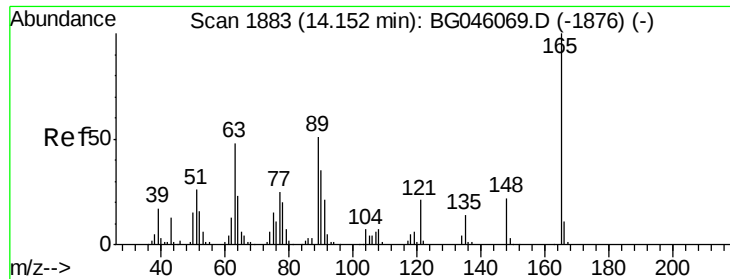
mohammad
7/27/2020 12:20:37 PM



#45
Dimethylphthalate
Concen: 4.135 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.3	8.7	13.1





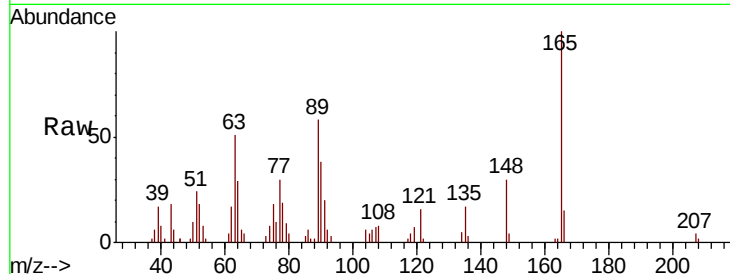
#46
2,6-Dinitrotoluene
Concen: 3.563 ng/ul
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

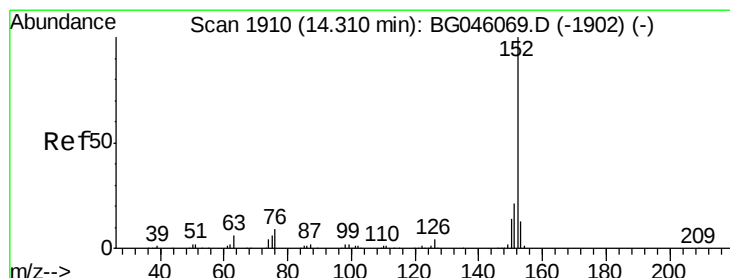
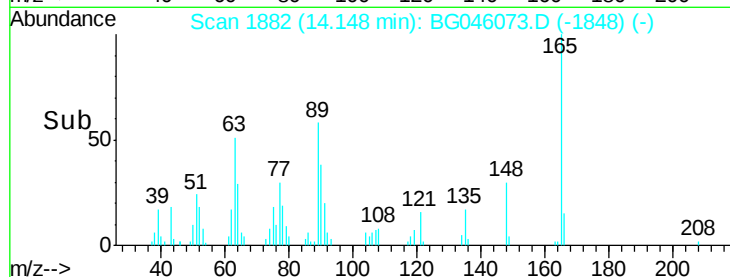
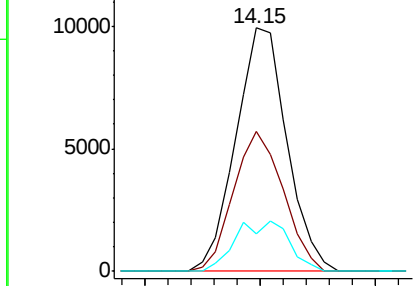
Tot Ion	Ratio	Lower	Upper
165	100		
89	57.7	42.2	63.4
121	15.6	16.0	24.0

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM

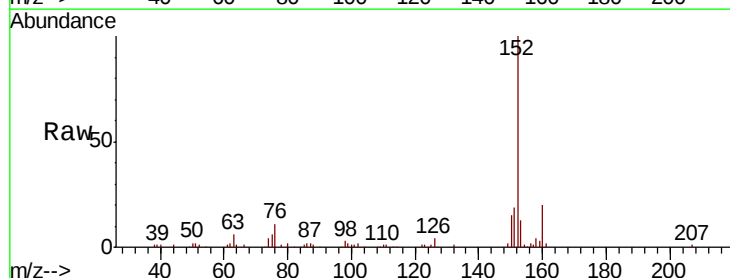


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E

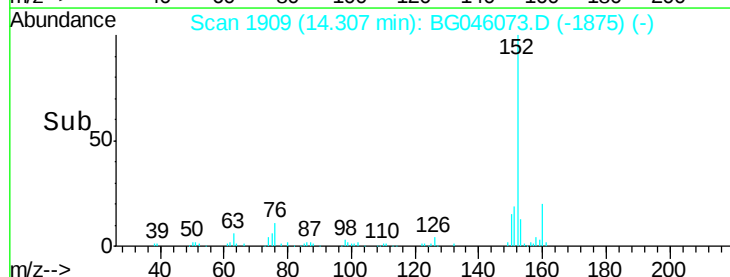
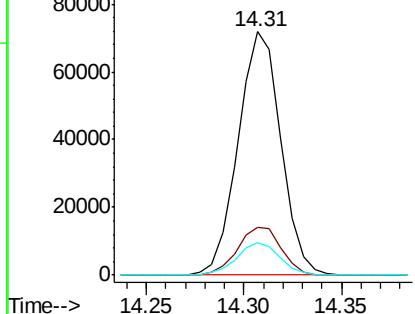


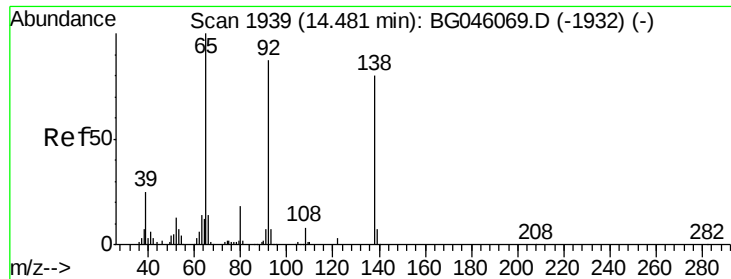
#48
Acenaphthylene
Concen: 4.008 ng/ul
RT: 14.31 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7
153	13.1	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





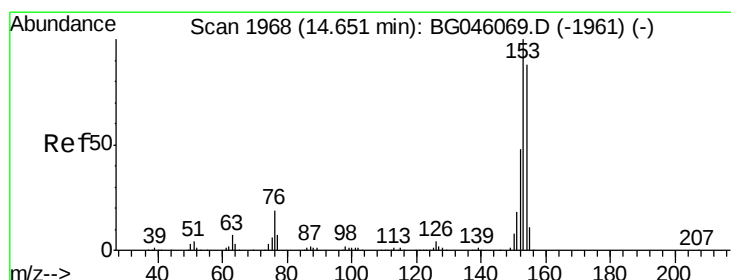
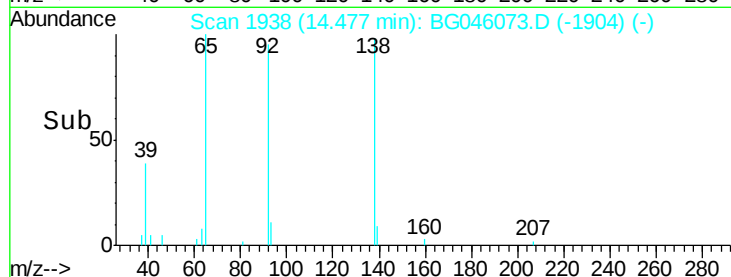
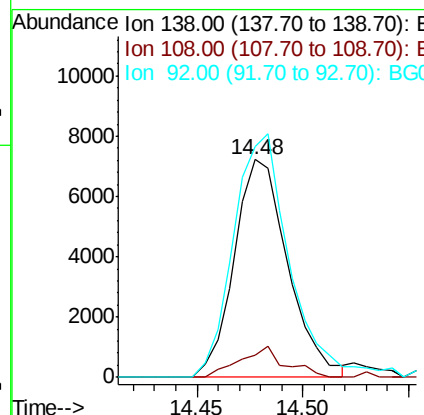
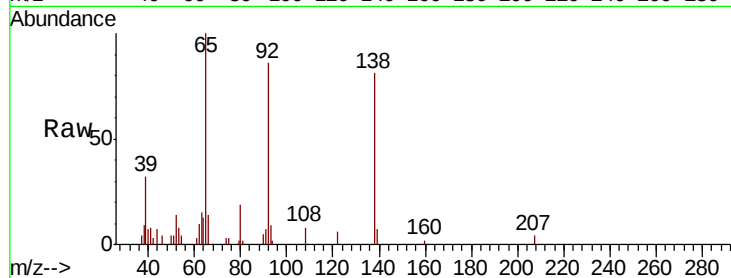
#49
3-Nitroaniline
Concen: 3.155 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	106.2	89.9	134.9

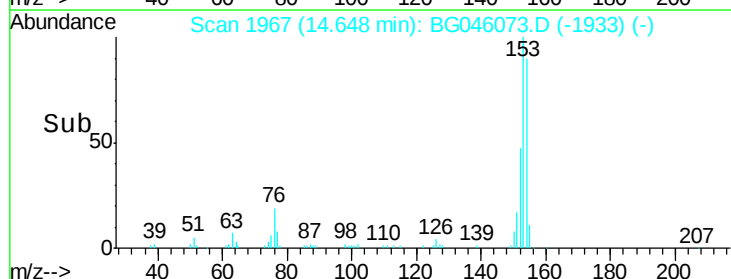
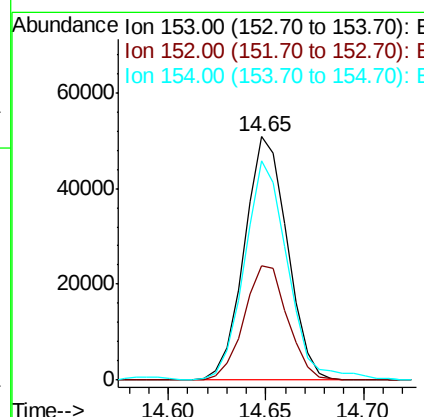
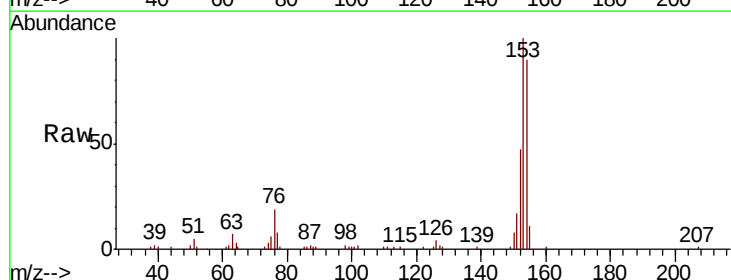
Manual Integrations
APPROVED

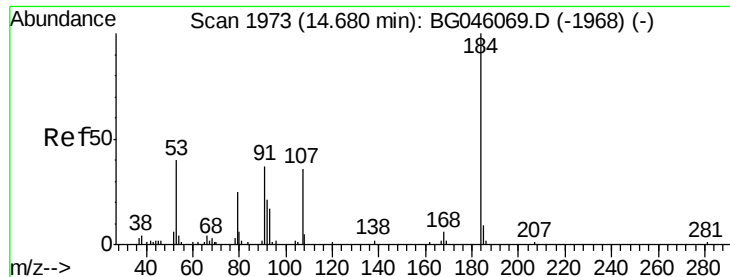
mohammad
7/27/2020 12:20:37 PM



#50
Acenaphthene
Concen: 3.948 ng/ul
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	39.0	58.4
154	90.2	70.7	106.1





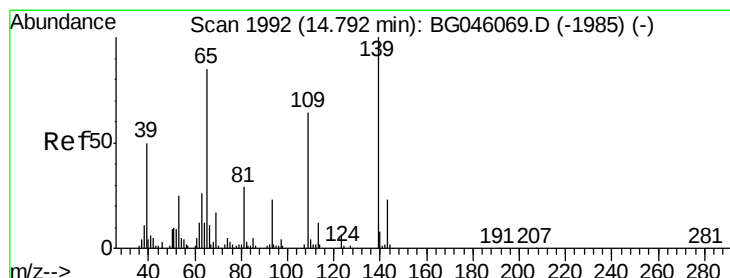
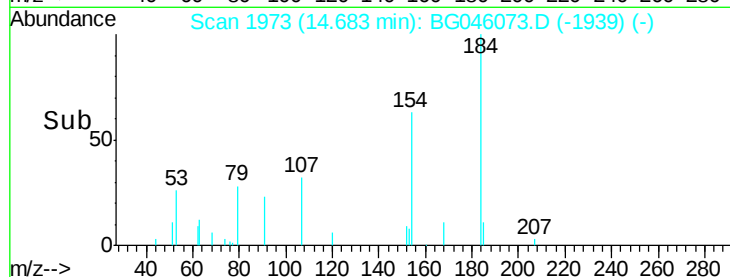
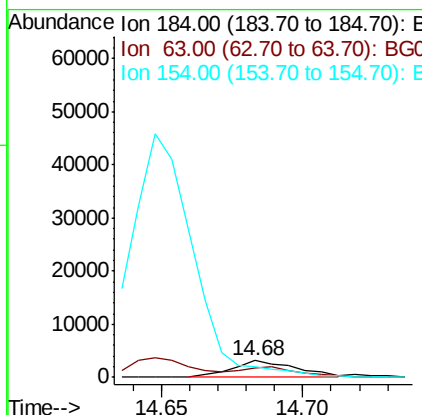
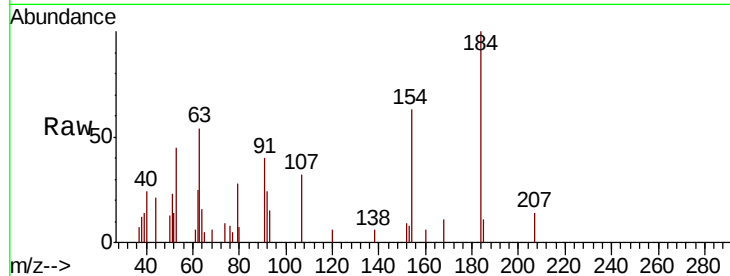
#51
2,4-Dinitrophenol
Concen: 2.644 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.2	35.7	53.5#
154	63.2	47.5	71.3

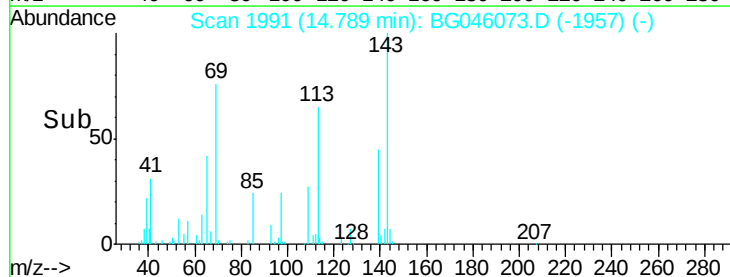
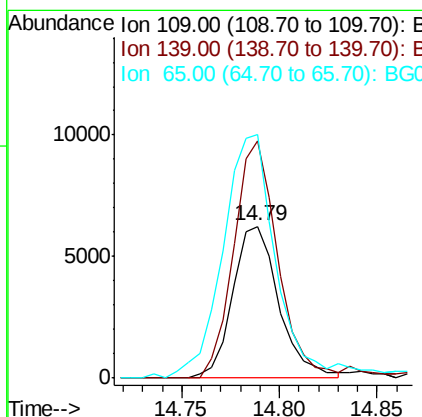
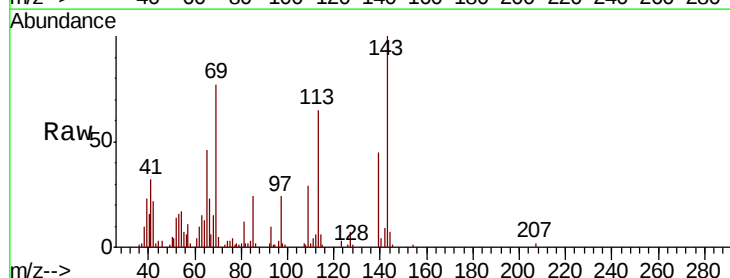
Manual Integrations
APPROVED

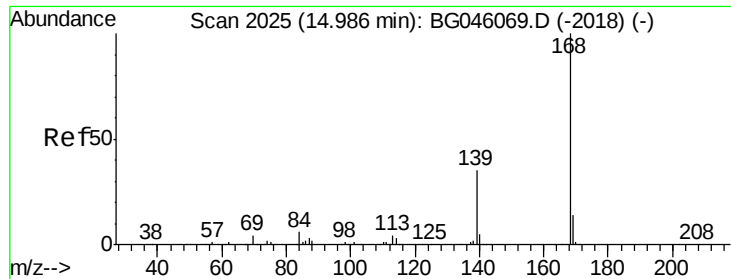
mohammad
7/27/2020 12:20:37 PM



#53
4-Nitrophenol
Concen: 3.893 ng/ul
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
109	100		
139	156.0	120.2	180.2
65	160.5	99.6	149.4#





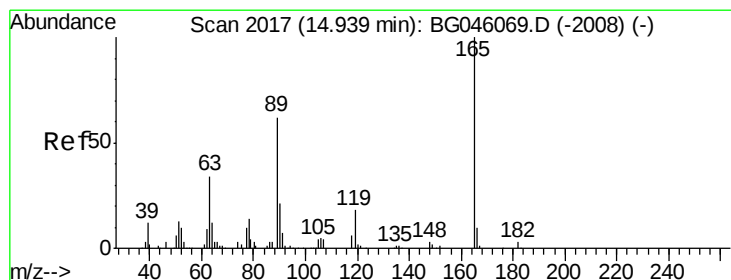
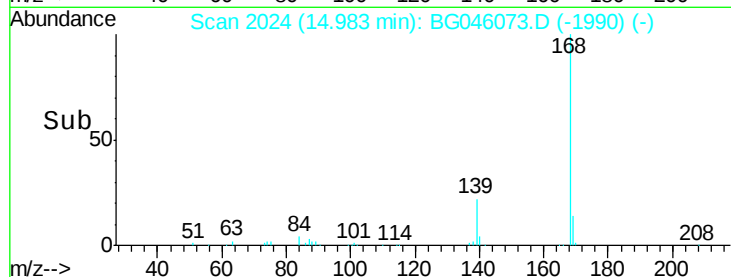
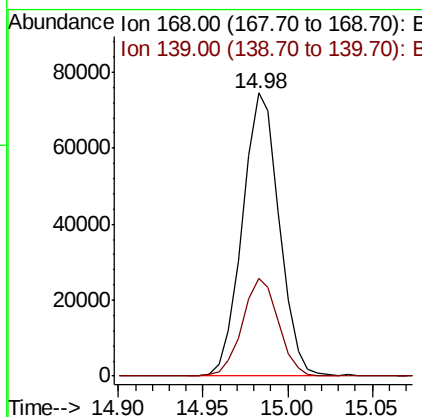
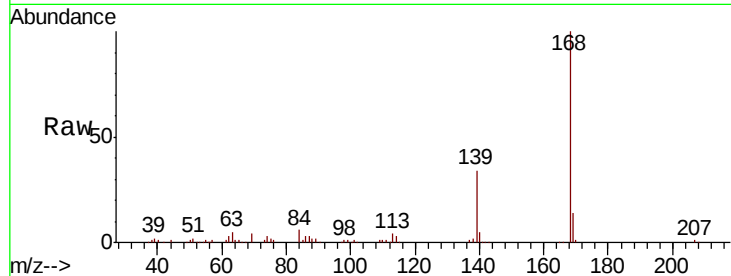
#54
Dibenzofuran
Concen: 4.234 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:168 Resp: 113173
Ion Ratio Lower Upper
168 100
139 34.4 27.7 41.5

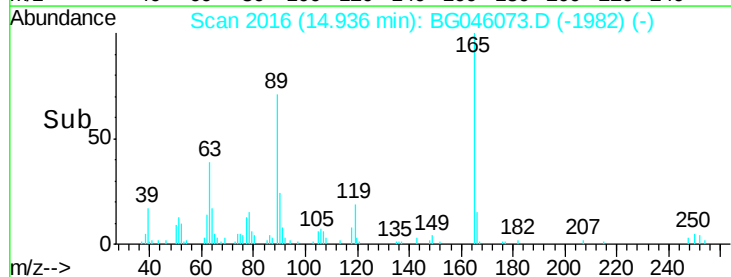
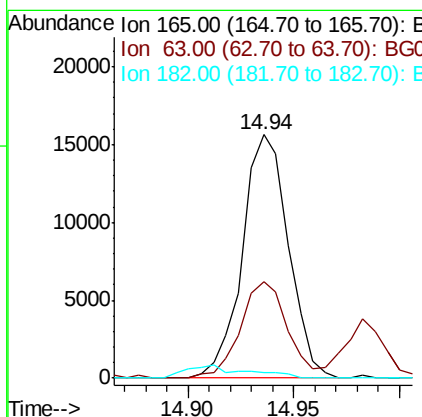
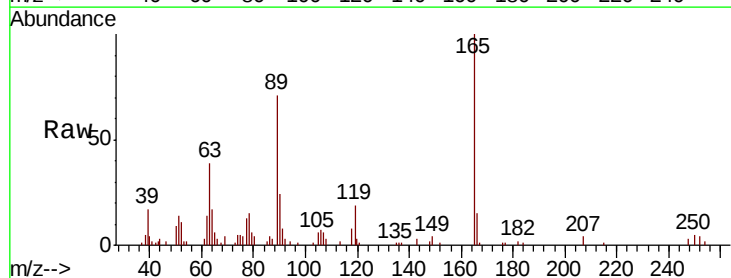
Manual Integrations
APPROVED

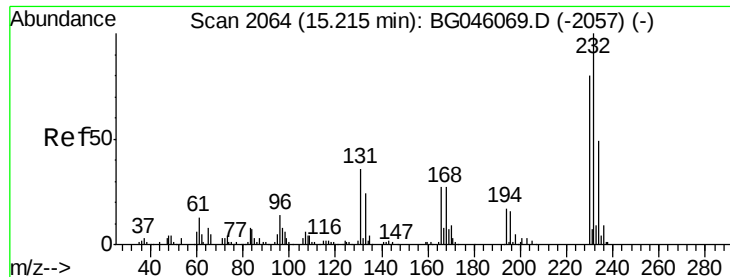
mohammad
7/27/2020 12:20:37 PM



#55
2,4-Dinitrotoluene
Concen: 3.871 ng/ul
RT: 14.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:165 Resp: 23634
Ion Ratio Lower Upper
165 100
63 39.4 29.4 44.0
182 2.3 2.4 3.6#





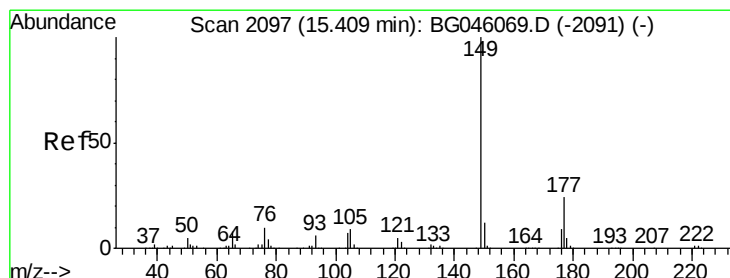
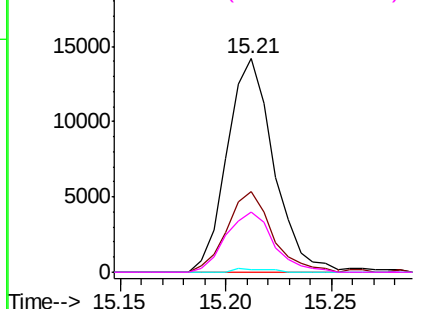
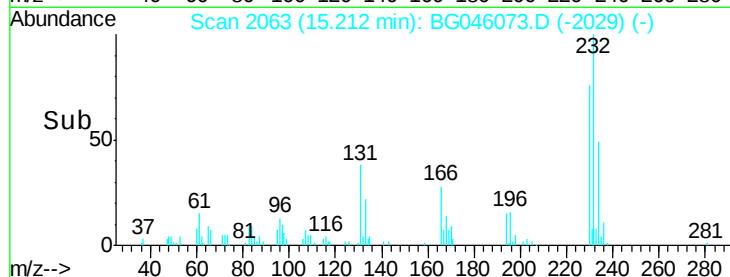
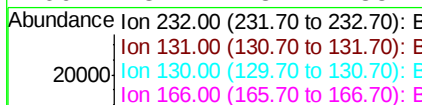
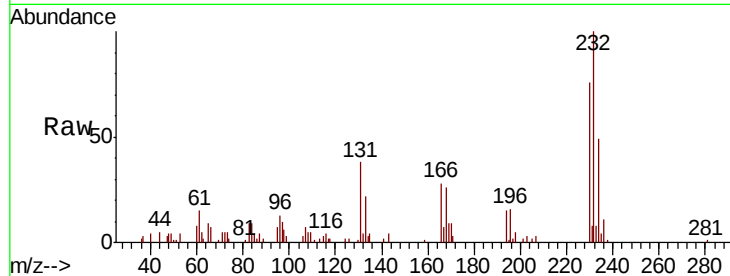
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.688 ng/ul
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	232	Resp:	21713
Ion Ratio	Lower	Upper	
232	100		
131	37.7	30.6	46.0
130	1.1	1.8	2.6
166	28.4	23.4	35.2

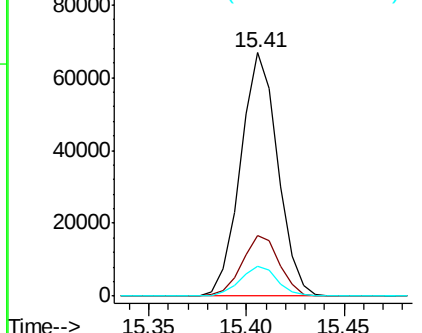
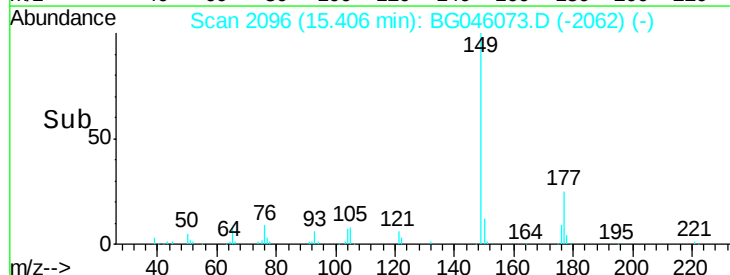
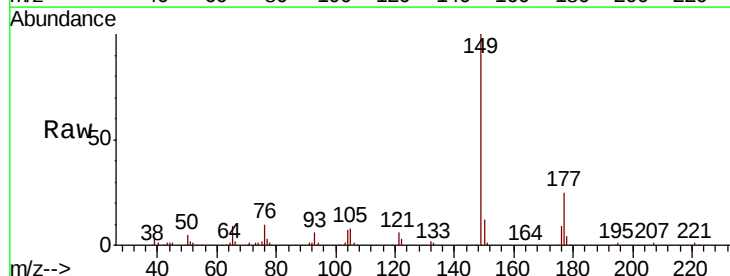
Manual Integrations
 APPROVED

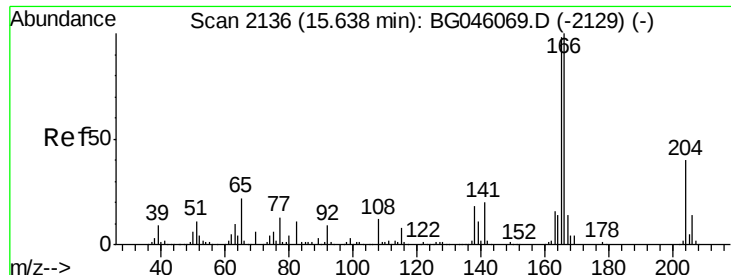
mohammad
 7/27/2020 12:20:37 PM



#57
 Diethylphthalate
 Concen: 3.984 ng/ul
 RT: 15.41 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:	149	Resp:	88488
Ion Ratio	Lower	Upper	
149	100		
177	24.8	19.0	28.6
150	12.1	9.6	14.4





#59

Fluorene

Concen: 4.113 ng/ul

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:166 Resp: 93234

Ion Ratio Lower Upper

166 100

165 94.9 75.3 112.9

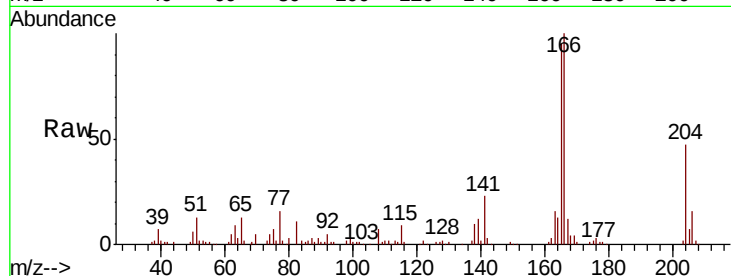
167 12.4 11.0 16.4

Manual Integrations

APPROVED

mohammad

7/27/2020 12:20:37 PM

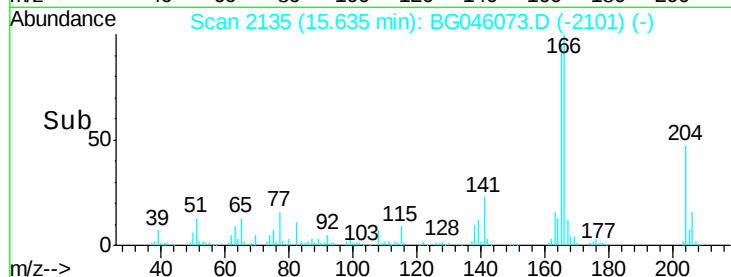


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

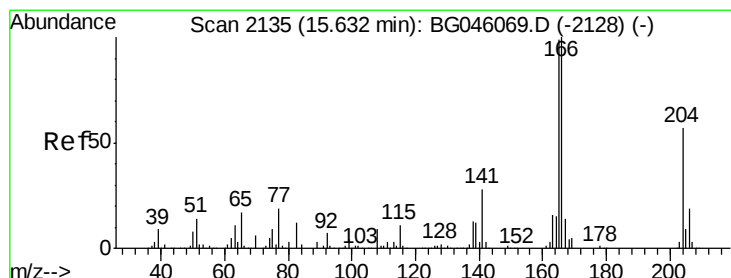
Ion 167.00 (166.70 to 167.70): E

Time-->



Abundance

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 3.929 ng/ul

RT: 15.63 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

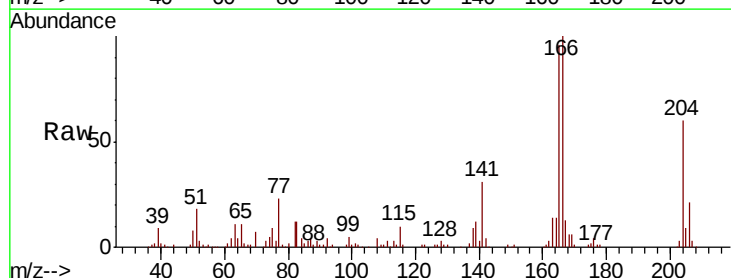
Tgt Ion:204 Resp: 46783

Ion Ratio Lower Upper

204 100

206 35.7 28.2 42.2

141 51.1 44.6 66.8

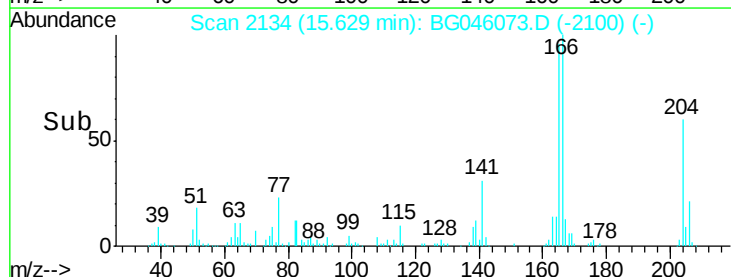


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

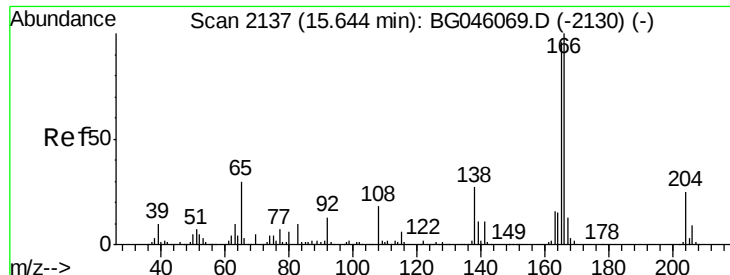
Ion 141.00 (140.70 to 141.70): E

Time-->



Abundance

Time-->



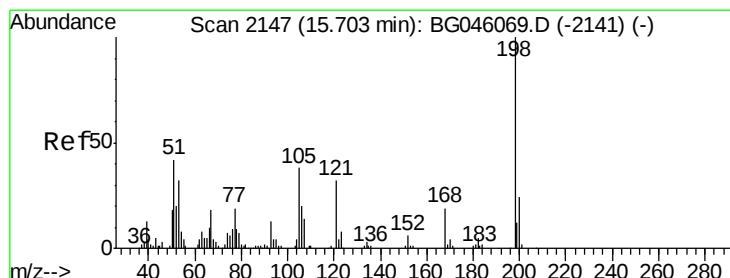
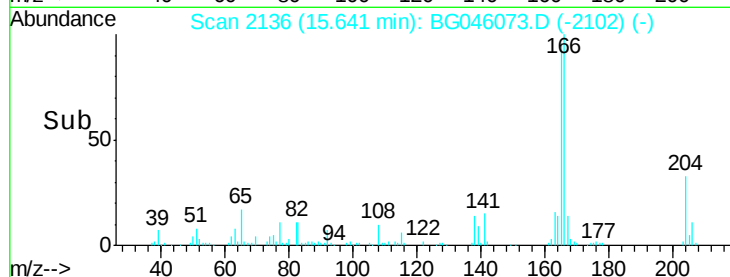
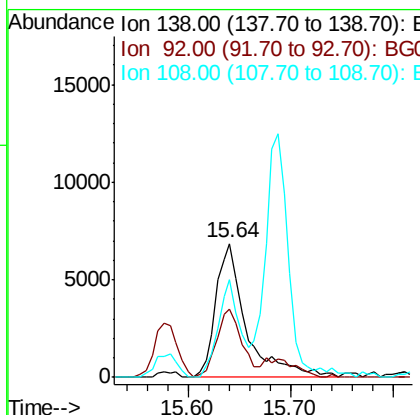
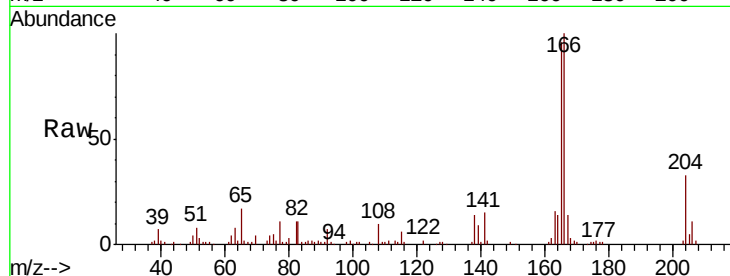
#61
4-Nitroaniline
Concen: 3.145 ng/ul m
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
138	100	14159		
92	51.5	40.0	60.0	
108	73.2	53.1	79.7	

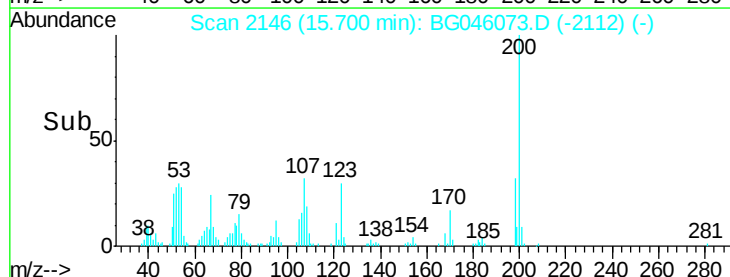
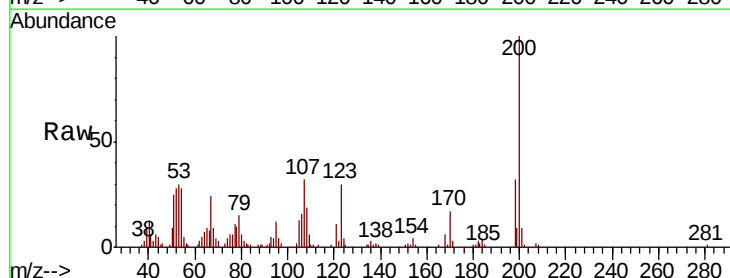
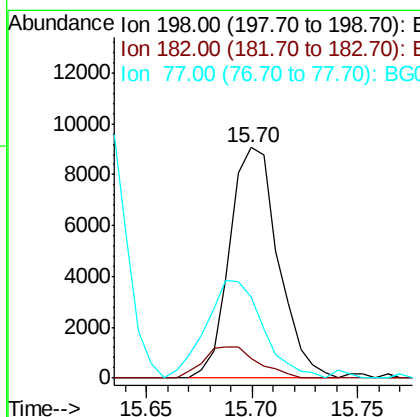
Manual Integrations
APPROVED

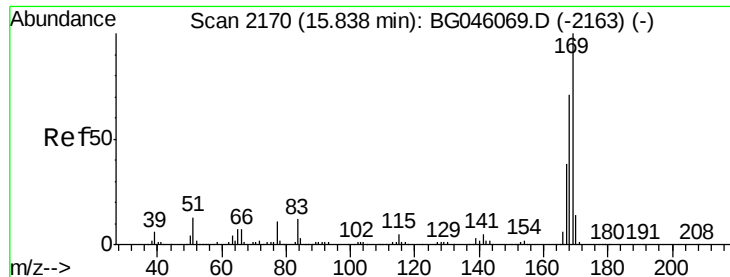
mohammad
7/27/2020 12:20:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 4.141 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	14431		
182	8.6	3.3	4.9#	
77	35.1	15.4	23.0#	





#65

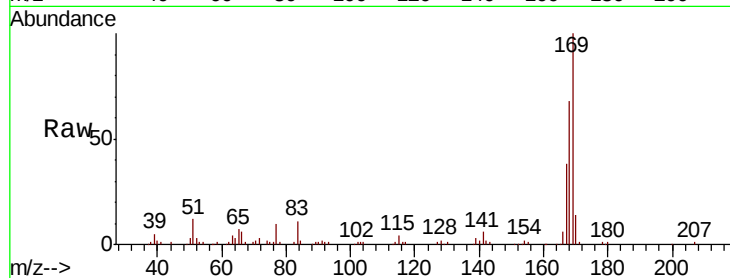
N-Nitrosodiphenylamine
 Concen: 4.233 ng/ul
 RT: 15.84 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

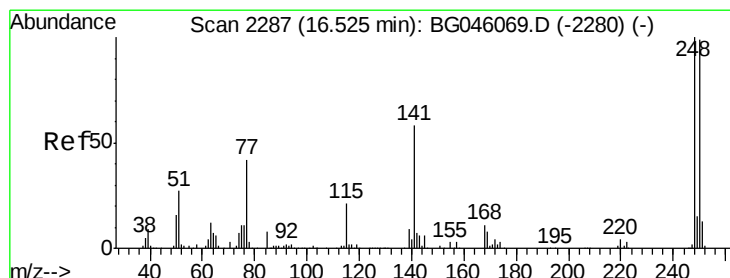
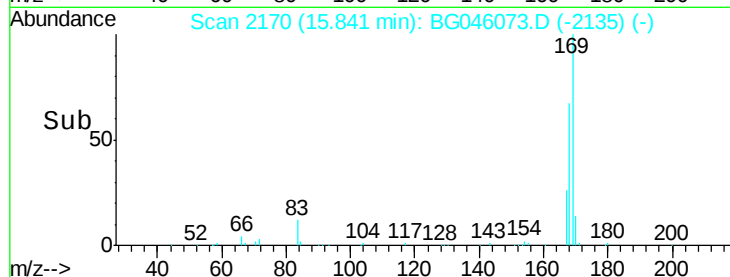
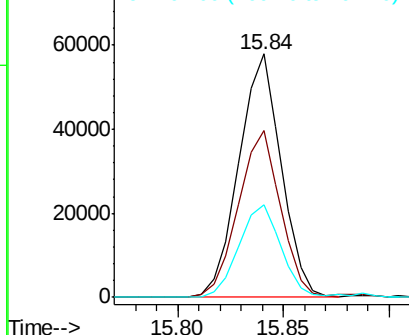
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.8	83.8
167	37.8	30.1	45.1

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM



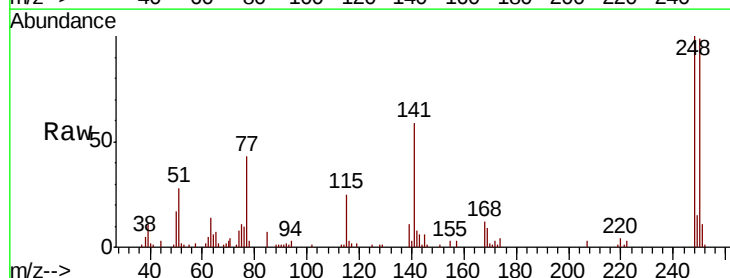
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



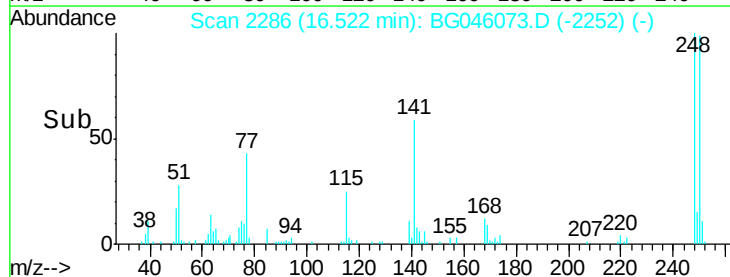
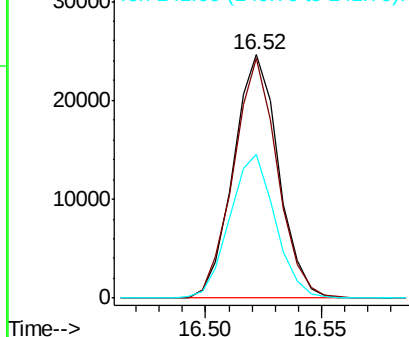
#66

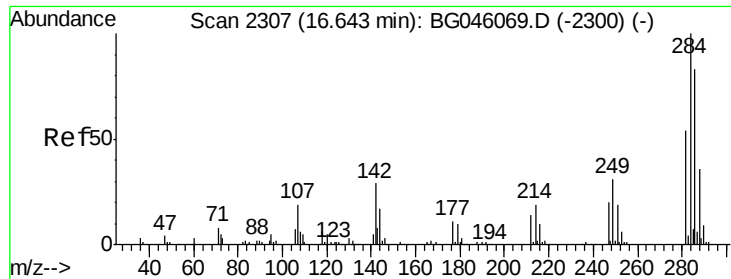
4-Bromophenyl-phenylether
 Concen: 4.125 ng/ul
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	73.2	109.8
141	59.1	49.1	73.7



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





#67

Hexachlorobenzene

Concen: 4.028 ng/ul

RT: 16.64 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

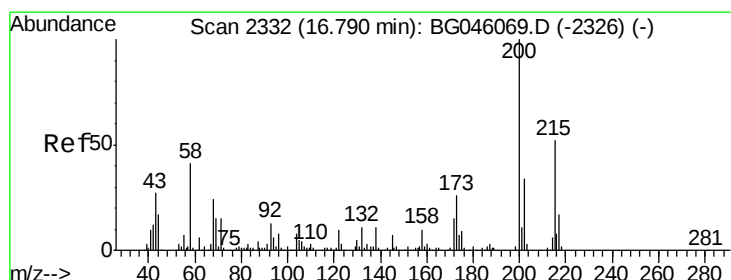
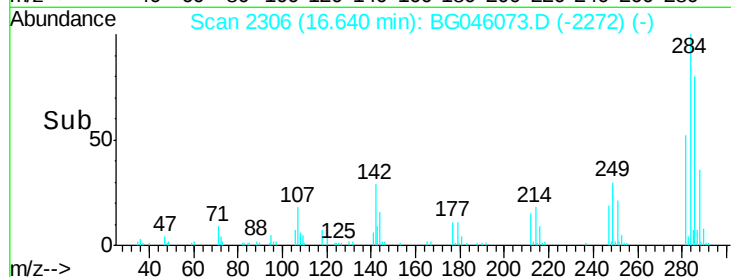
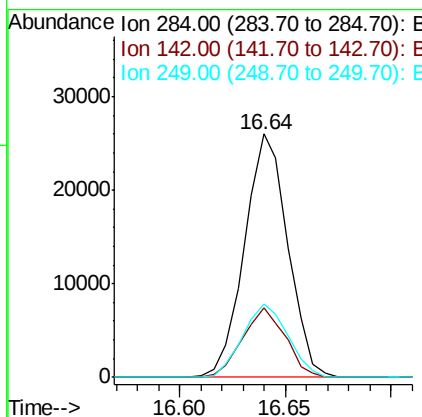
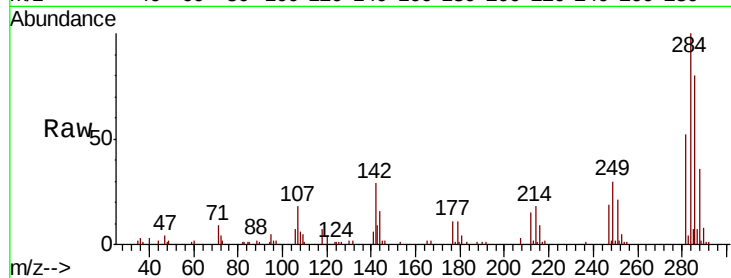
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	284	Resp:	36936
Ion Ratio	Lower	Upper	
284	100		
142	28.7	21.8	32.6
249	30.4	24.8	37.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



#68

Atrazine

Concen: 3.956 ng/ul

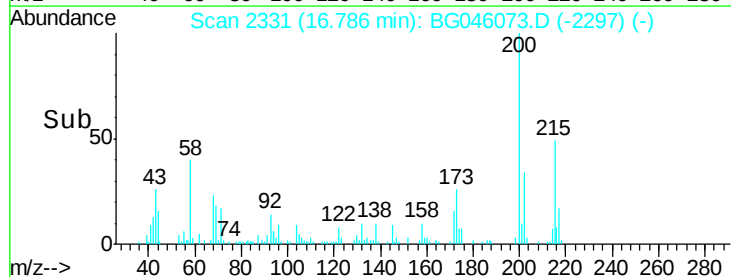
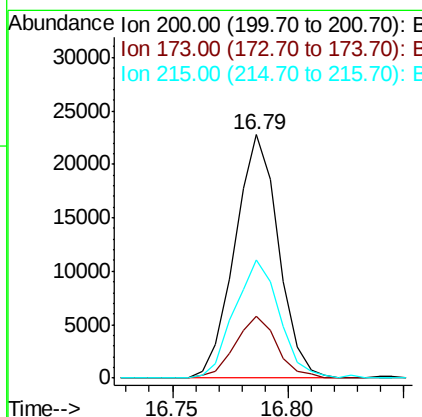
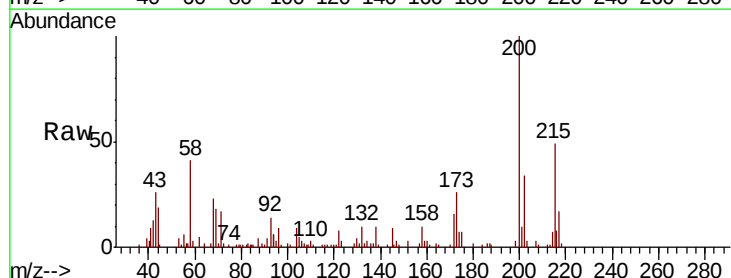
RT: 16.79 min Scan# 2331

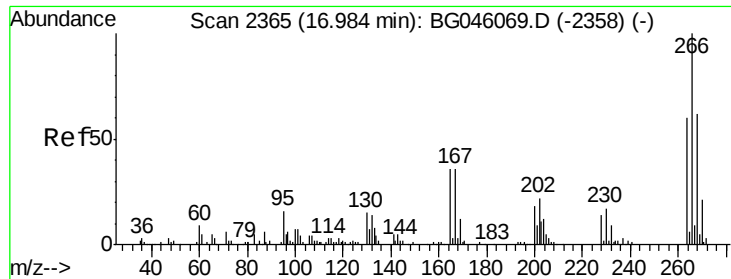
Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Tgt Ion:	200	Resp:	30063
Ion Ratio	Lower	Upper	
200	100		
173	25.5	19.0	28.6
215	48.6	42.6	63.8





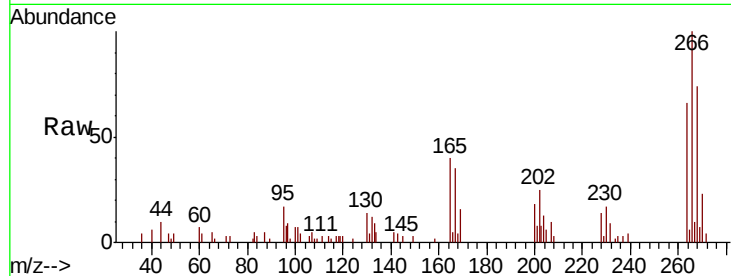
#69
 Pentachlorophenol
 Concen: 3.056 ng/ul
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

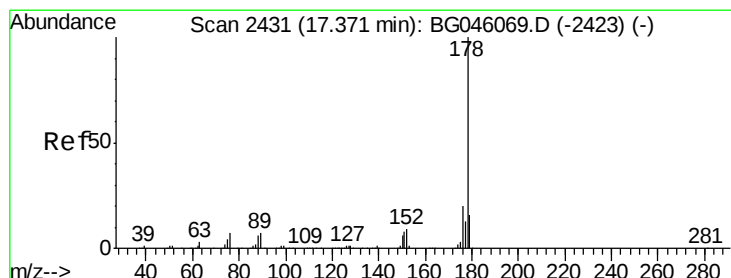
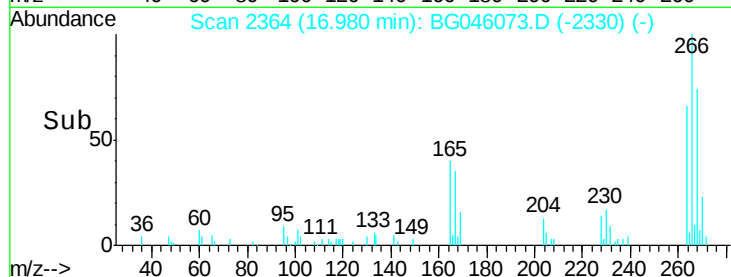
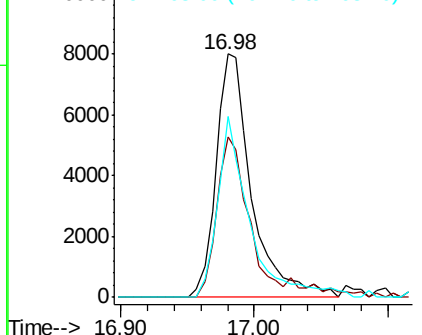
Tot Ion	Ratio	Lower	Upper
266	100		
264	66.1	51.3	76.9
268	74.5	53.8	80.6

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

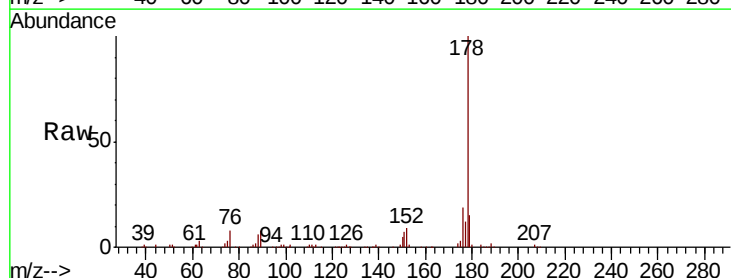


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

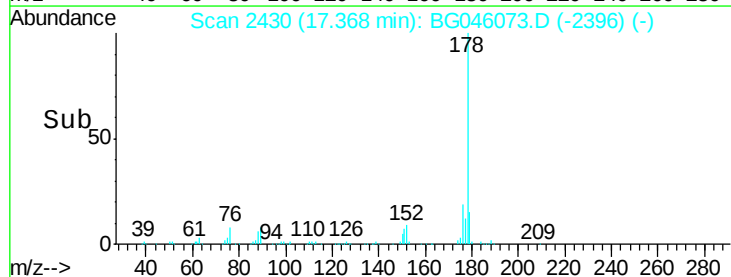
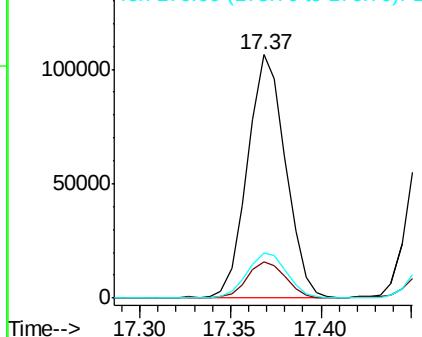


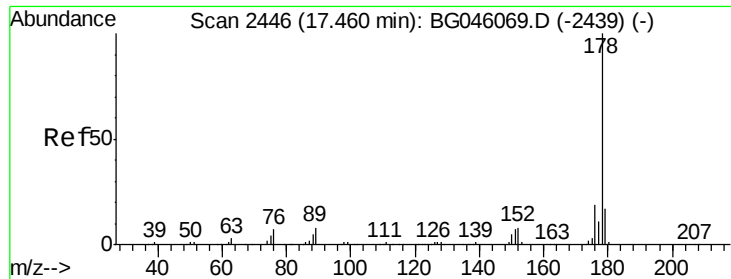
#70
 Phenanthrene
 Concen: 4.263 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.0	19.6
176	18.8	16.0	24.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.183 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

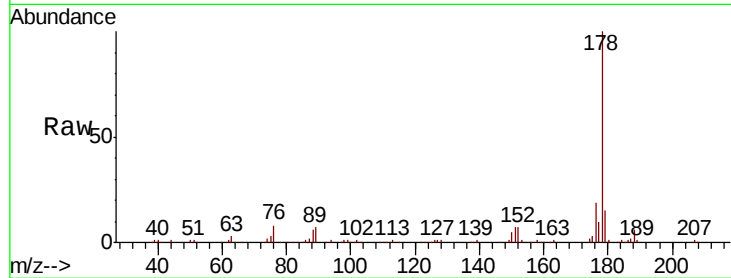
ClientSampleId :

MDL-ME-SOIL-02

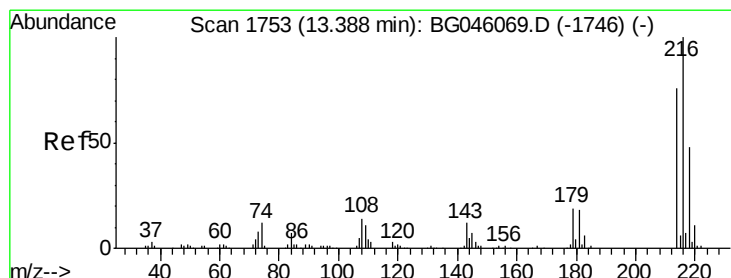
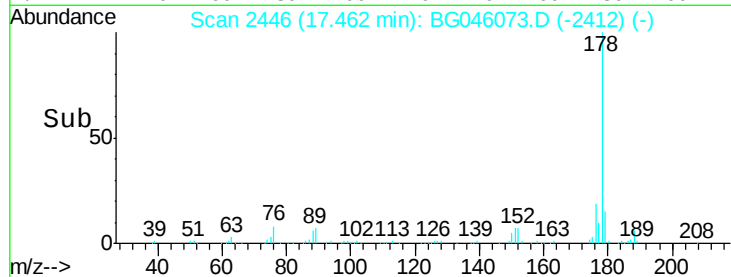
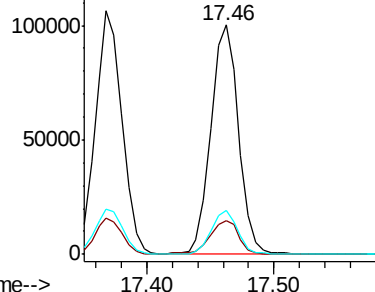
Tot Ion:	178	Resp:	152046
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.7	19.1
176	19.3	15.8	23.8

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.328 ng/uL

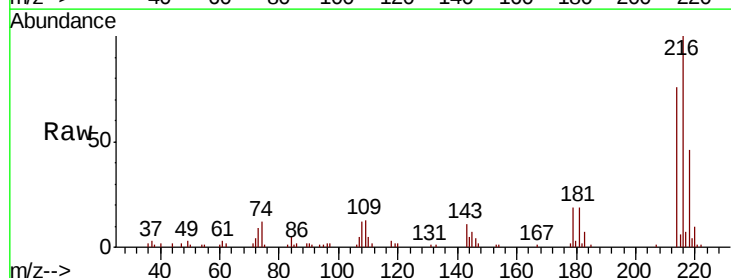
RT: 13.38 min Scan# 1752

Delta R.T. -0.00 min

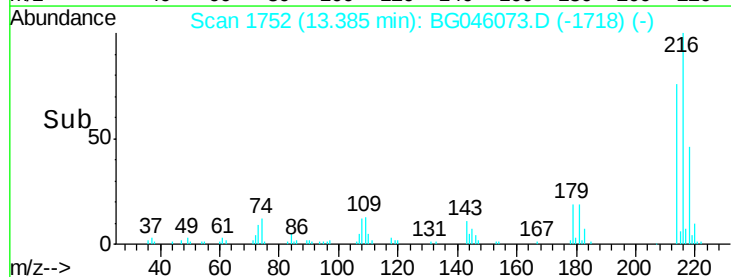
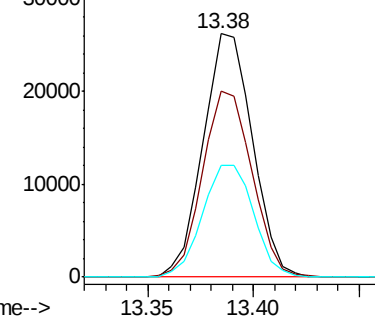
Lab File: BG046073.D

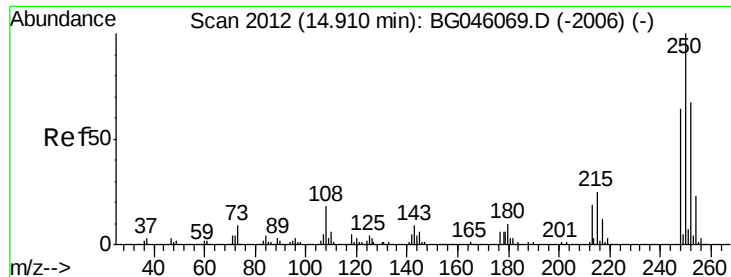
Acq: 24 Jul 2020 21:01

Tgt Ion:	216	Resp:	42484
Ion Ratio	Lower	Upper	
216	100		
214	76.4	62.9	94.3
218	46.1	40.2	60.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.135 ng/uL

RT: 14.91 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

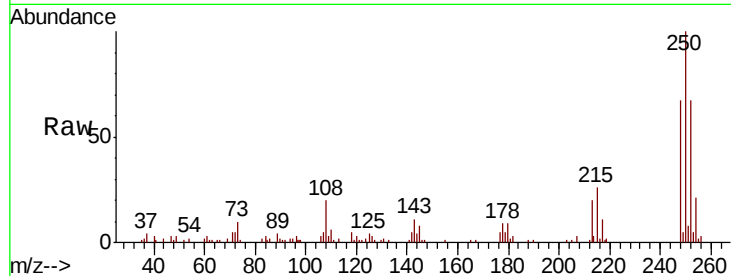
ClientSampleId :

MDL-ME-SOIL-02

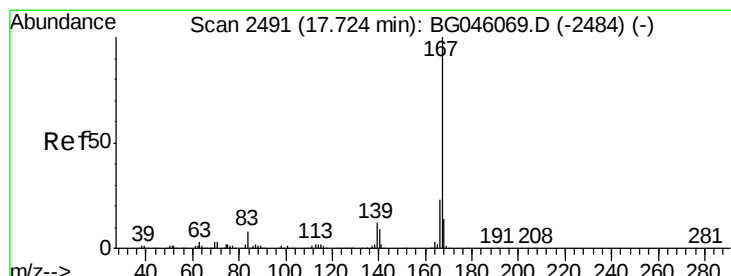
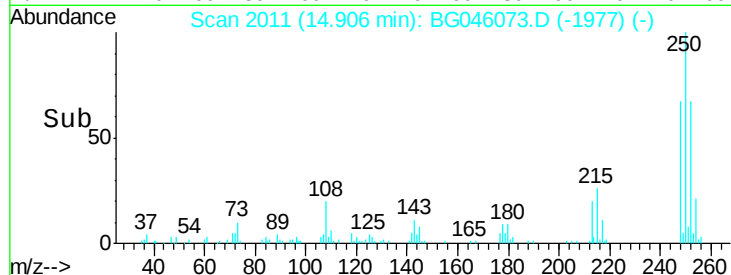
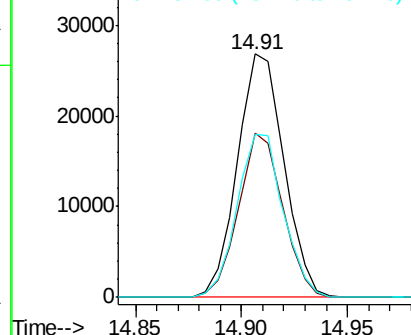
Tot Ion:	250	Resp:	40998
Ion Ratio	Lower	Upper	
250	100		
248	67.3	49.1	73.7
252	66.7	51.4	77.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 4.555 ng/uL

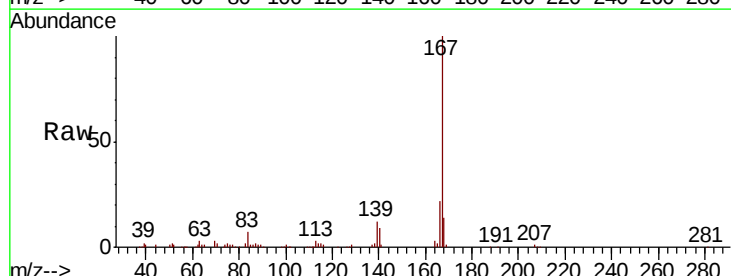
RT: 17.73 min Scan# 2491

Delta R.T. -0.00 min

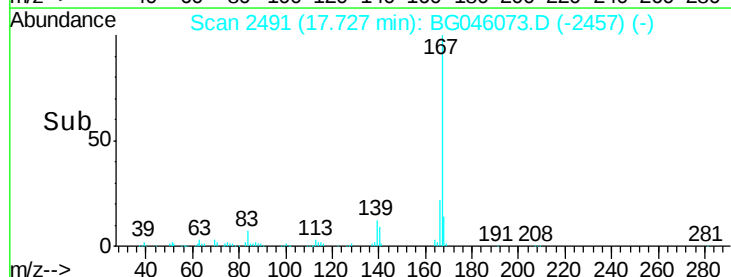
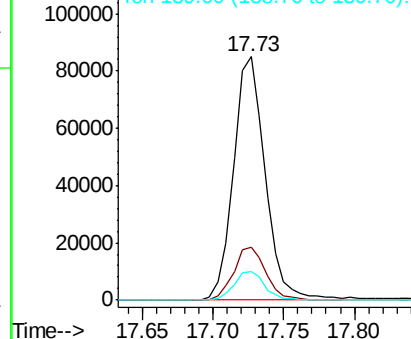
Lab File: BG046073.D

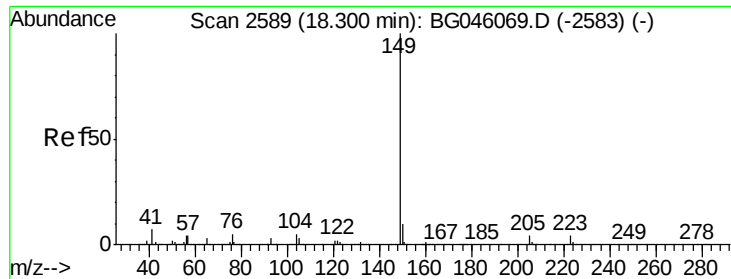
Acq: 24 Jul 2020 21:01

Tgt Ion:	167	Resp:	132878
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.8	28.2
139	11.8	9.7	14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





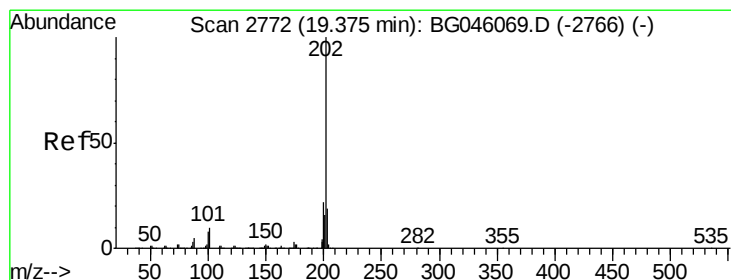
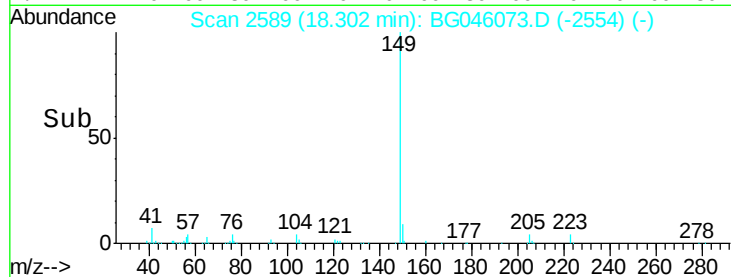
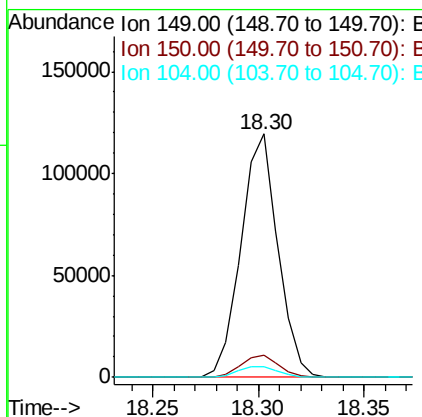
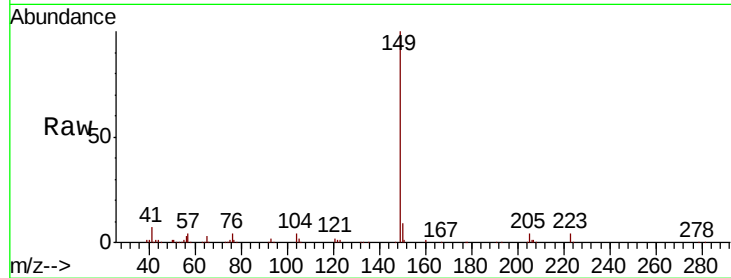
#76
Di-n-butylphthalate
Concen: 4.034 ng/ul
RT: 18.30 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
149	100	144803		
150	9.2	7.7	11.5	
104	4.4	4.1	6.1	

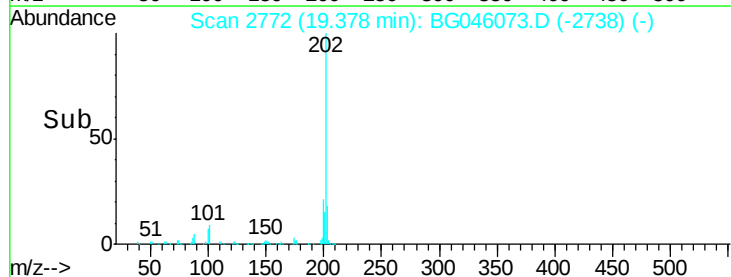
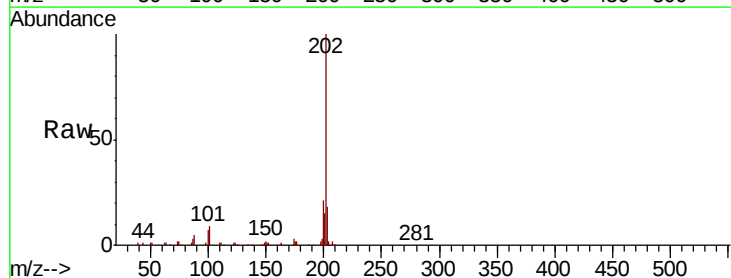
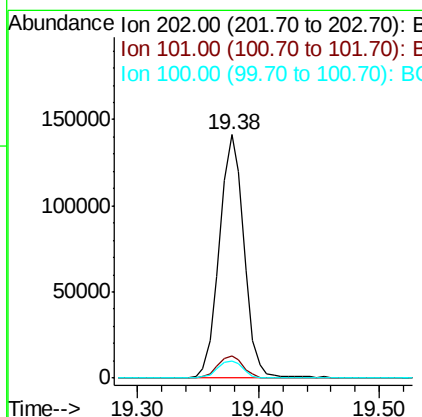
Manual Integrations
APPROVED

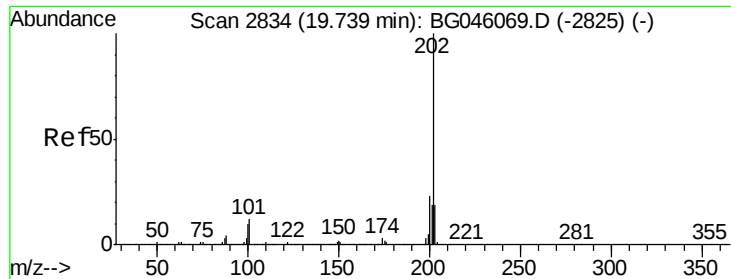
mohammad
7/27/2020 12:20:37 PM



#77
Fluoranthene
Concen: 4.964 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	198636		
101	9.3	7.8	11.6	
100	7.2	6.5	9.7	





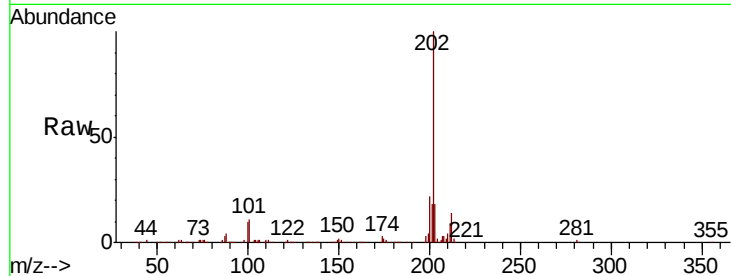
#80
Pvrene
Concen: 4.254 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

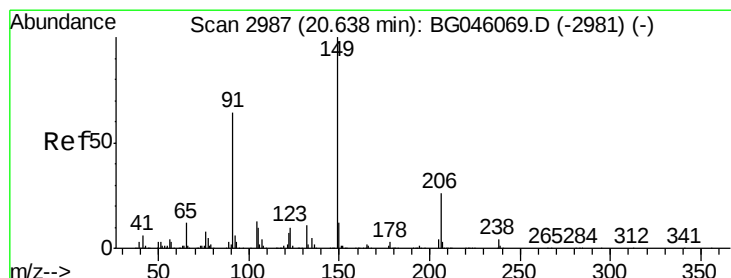
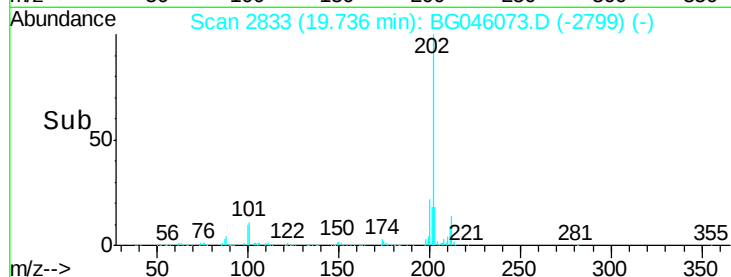
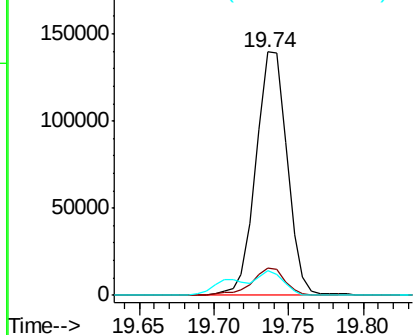
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	9.0	13.4
100	10.1	7.6	11.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM

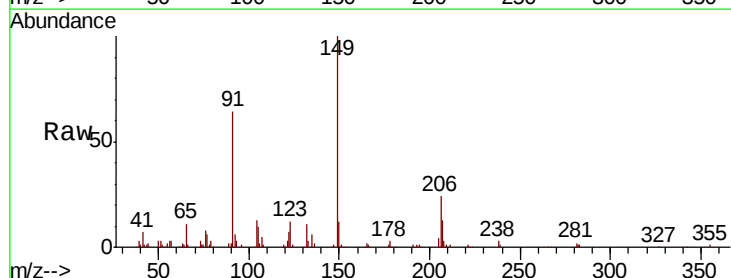


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

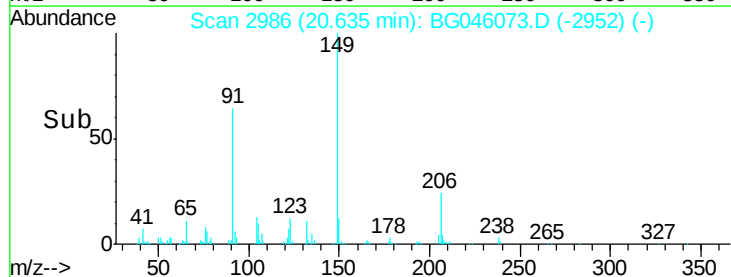
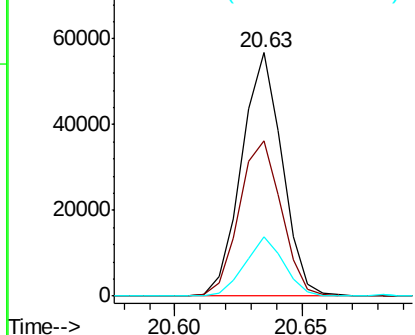


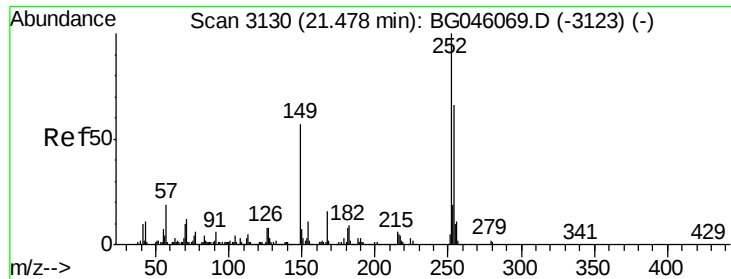
#81
Butylbenzylphthalate
Concen: 3.871 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	64.0	55.1	82.7
206	24.1	19.8	29.8



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





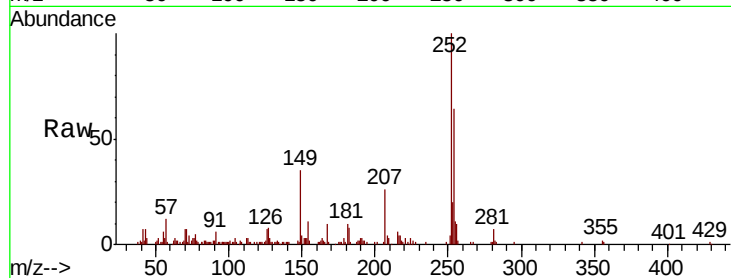
#82
 3,3'-Dichlorobenzidine
 Concen: 3.759 ng/ul
 RT: 21.48 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	6.6	7.0	10.4

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

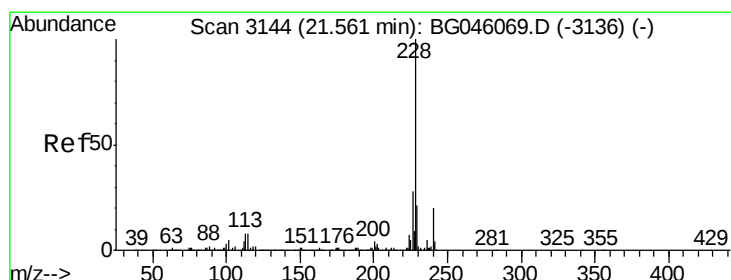
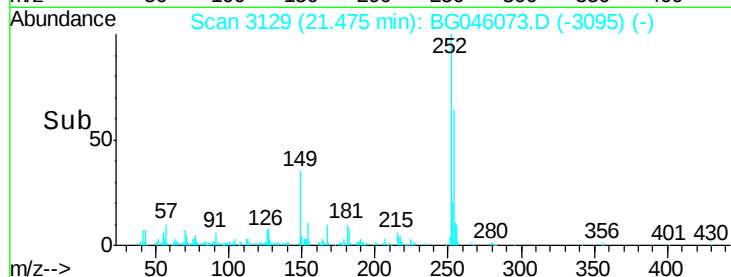
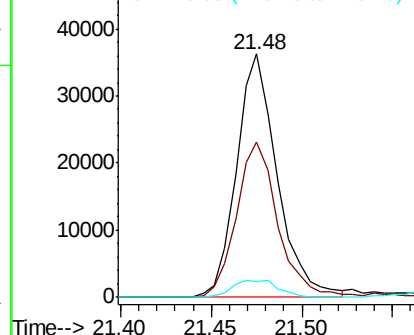


Abundance

Ion 252.00 (251.70 to 252.70): E

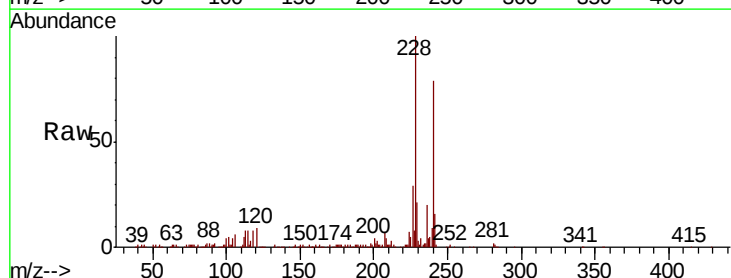
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Benzo(a)anthracene
 Concen: 4.478 ng/ul
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	29.1	22.6	33.8

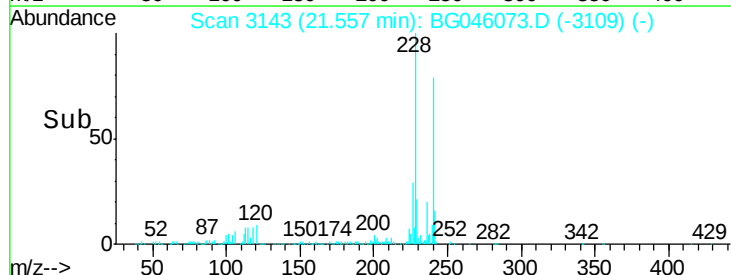
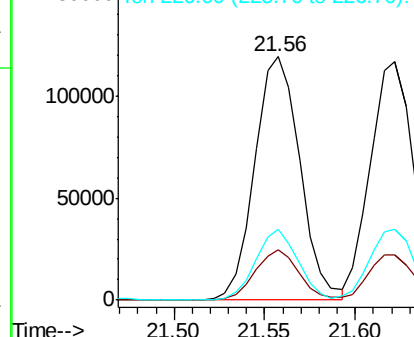


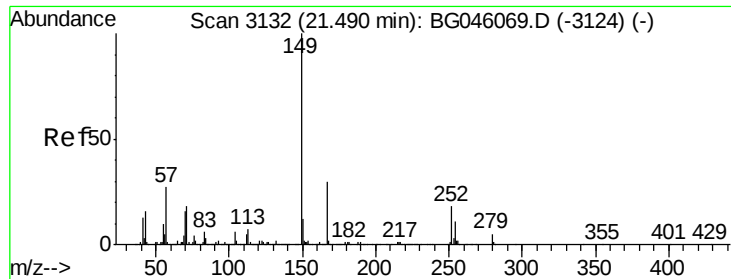
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.888 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

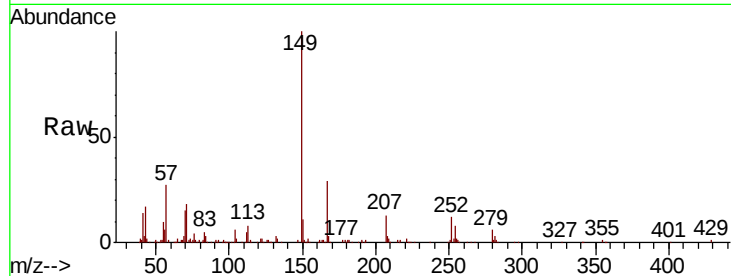
ClientSampleId :

MDL-ME-SOIL-02

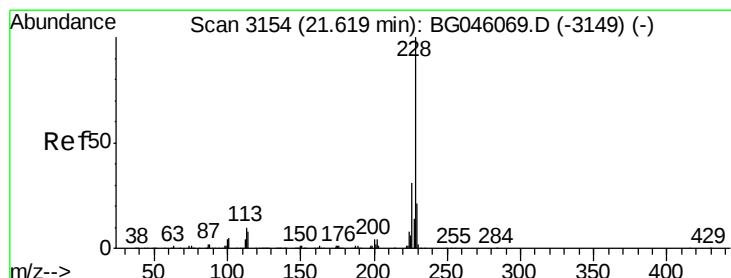
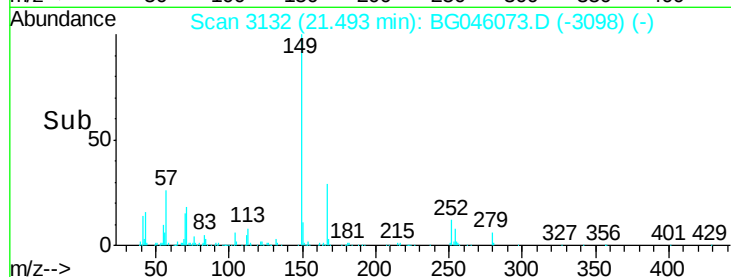
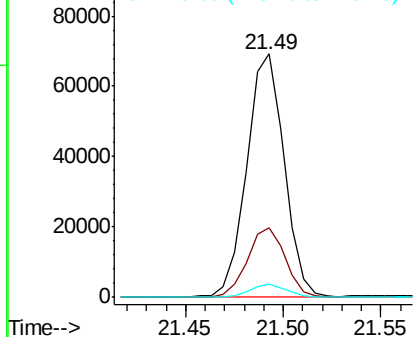
Tot Ion:	149	Resp:	91967
Ion Ratio	Lower	Upper	
149	100		
167	28.7	24.6	37.0
279	5.6	4.1	6.1

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.404 ng/ul

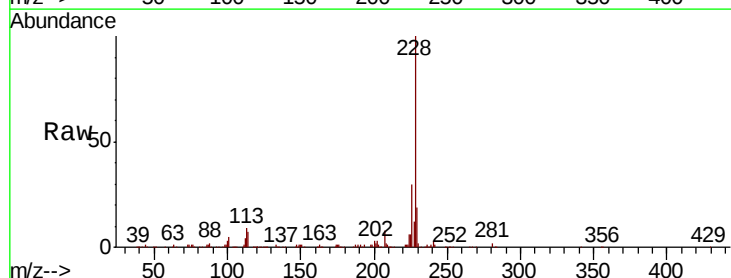
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

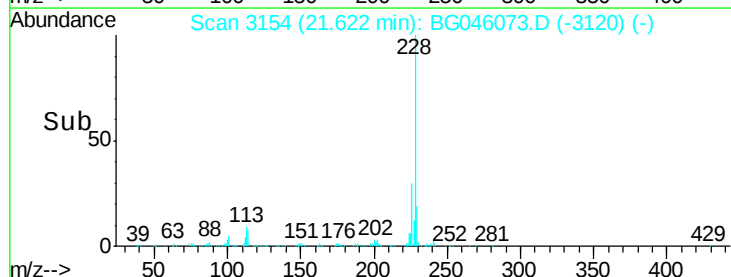
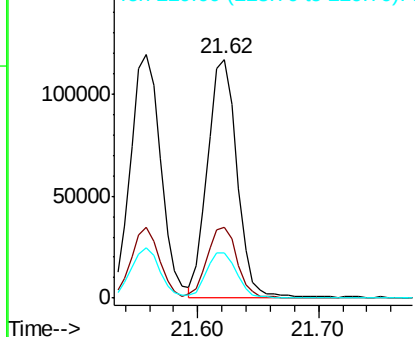
Lab File: BG046073.D

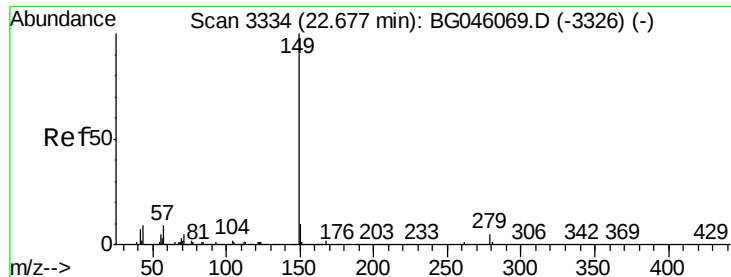
Acq: 24 Jul 2020 21:01

Tgt Ion:	228	Resp:	197535
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.3	37.9
229	19.1	16.9	25.3



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





#87

Di-n-octyl phthalate

Concen: 3.701 ng/ul

RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

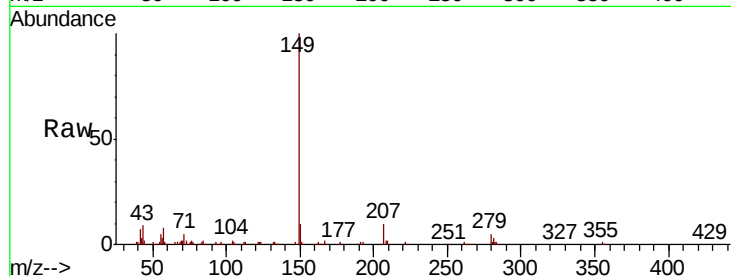
ClientSampleId :

MDL-ME-SOIL-02

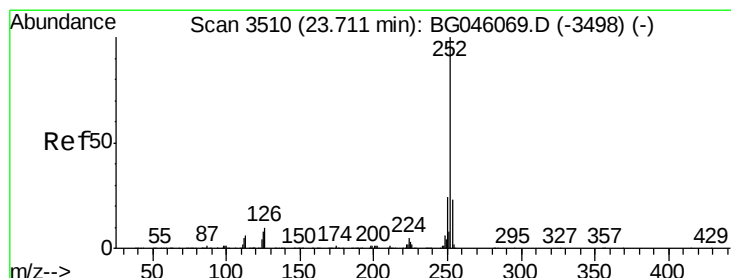
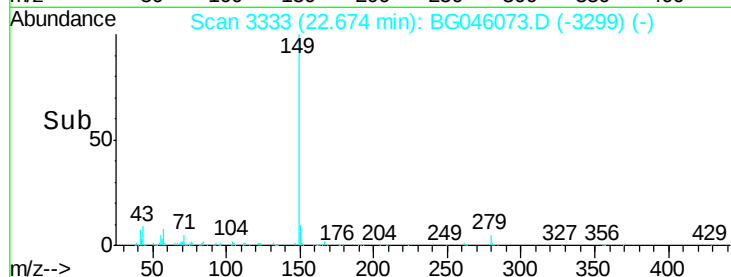
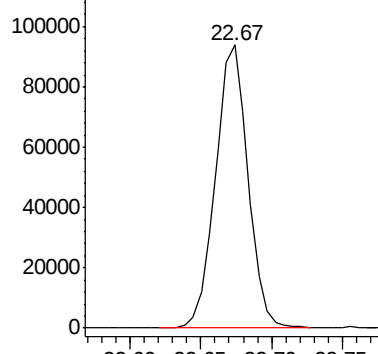
Tgt Ion:149 Resp: 151288

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.880 ng/ul

RT: 23.70 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

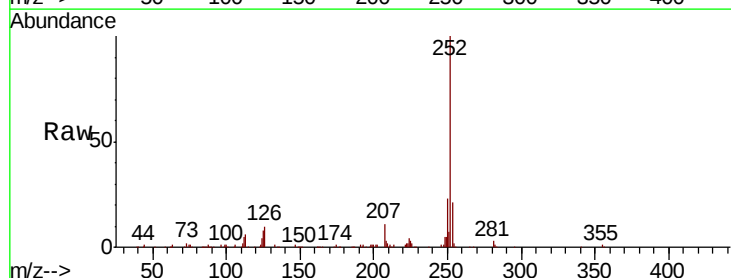
Tgt Ion:252 Resp: 205041

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	7.9	6.3	9.5

252 100

253 21.3 18.0 27.0

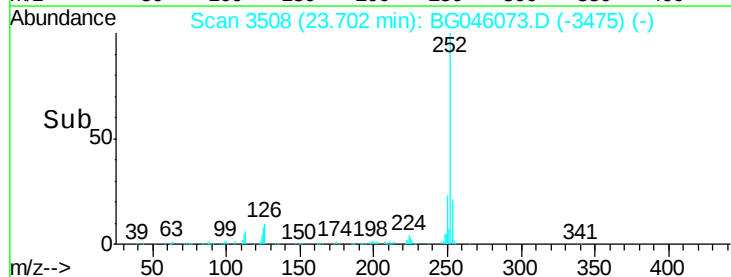
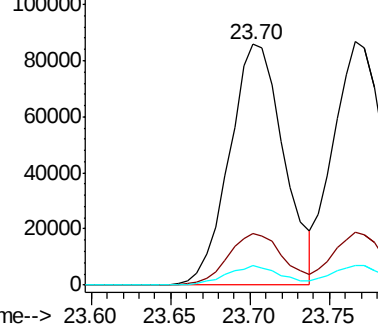
125 7.9 6.3 9.5

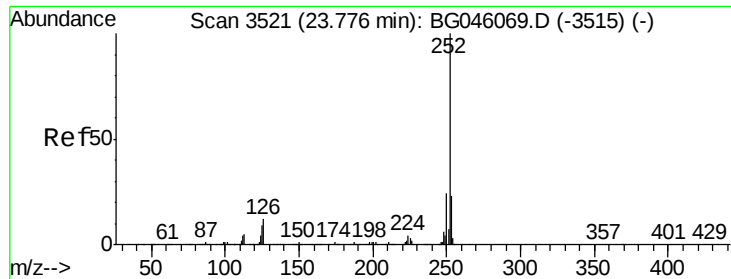


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.805 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

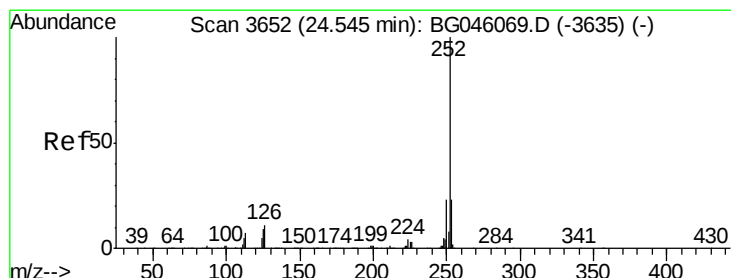
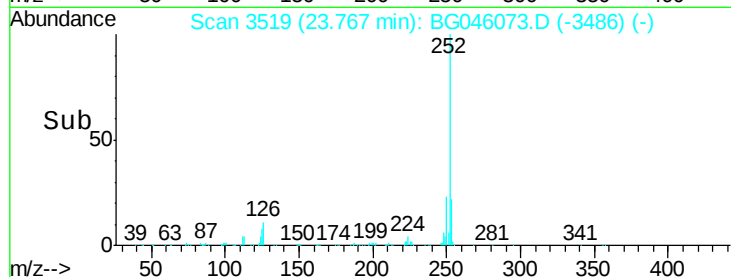
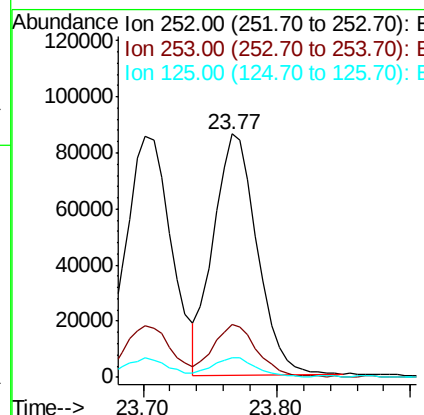
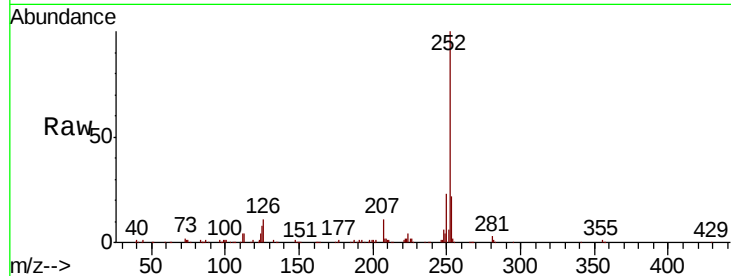
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	252	Resp:	197430
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.8	28.2
125	7.9	6.7	10.1

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:37 PM



#91

Benzo(a)pyrene

Concen: 4.162 ng/ul

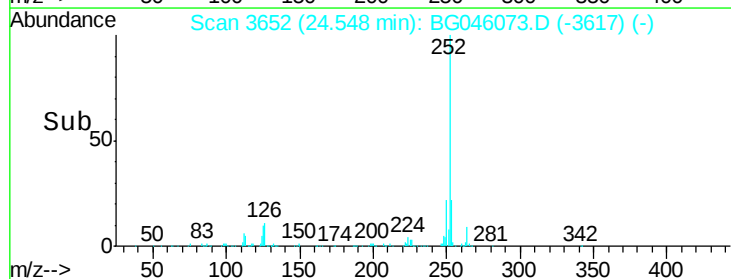
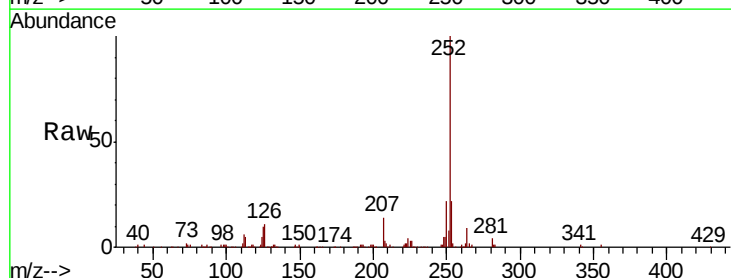
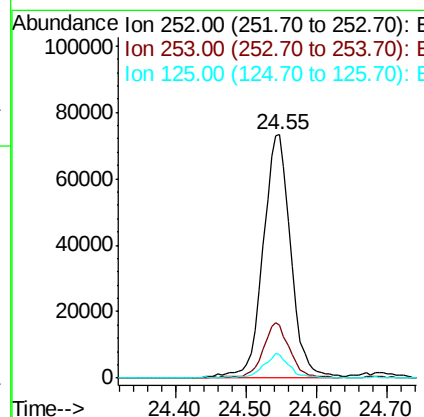
RT: 24.55 min Scan# 3652

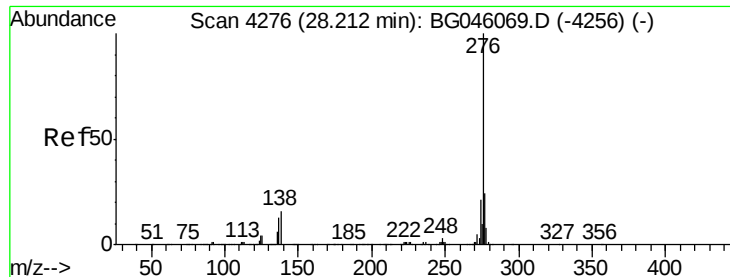
Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Tgt Ion:	252	Resp:	201715
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	9.8	7.4	11.2





#92

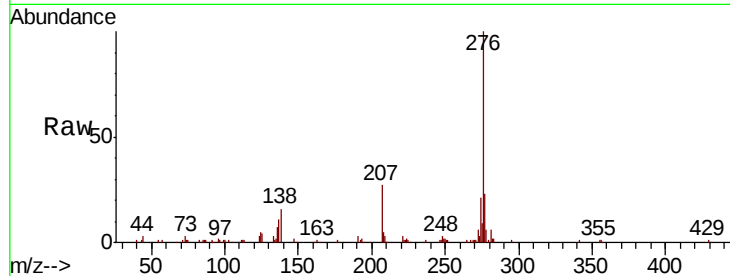
Indeno(1,2,3-cd)pyrene
Concen: 3.627 ng/ul
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

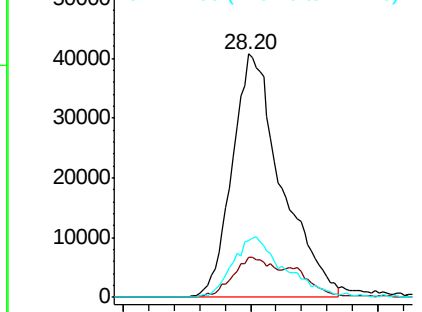
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	16.5	12.6	18.8	
277	23.2	18.5	27.7	

Manual Integrations
APPROVED

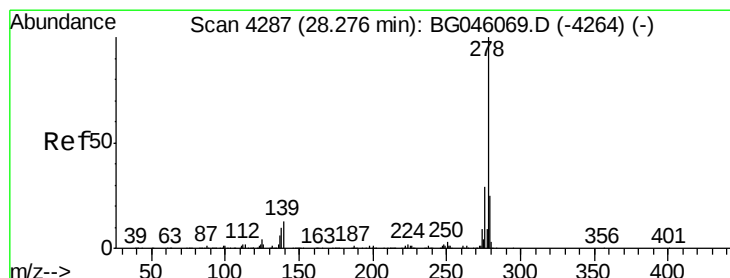
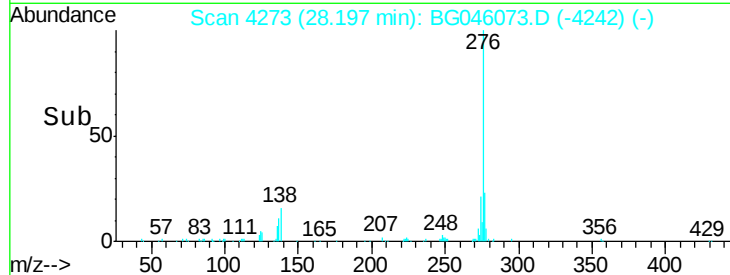
mohammad
7/27/2020 12:20:37 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



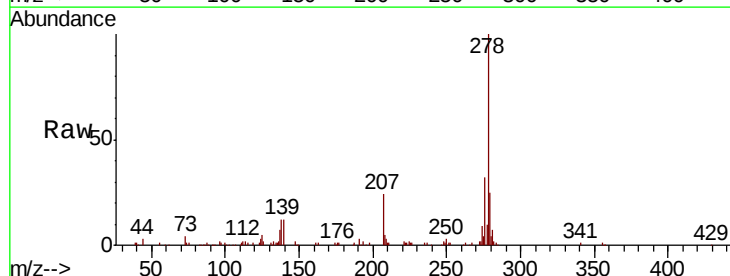
Time-->



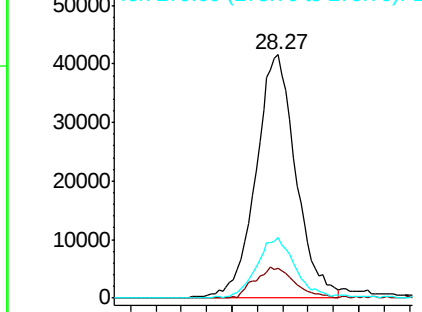
#93

Dibenzo(a,h)anthracene
Concen: 3.679 ng/ul
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

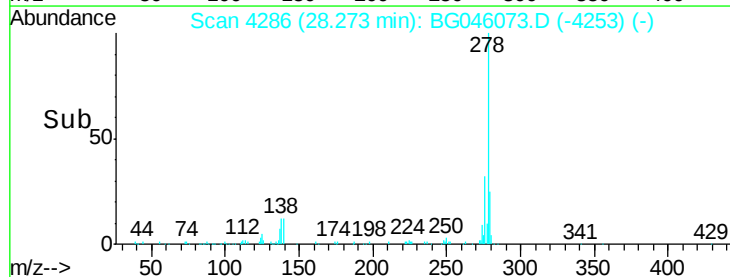
Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	12.4	10.6	16.0	
279	25.0	19.4	29.0	

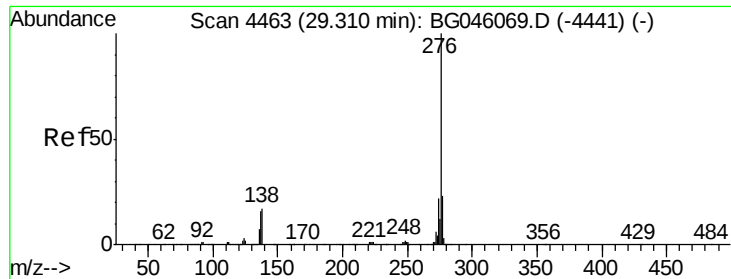


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#94
 Benzo(a,h,i)perylene
 Concen: 3.712 ng/ul
 RT: 29.30 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	276	Resp:	189872
Ion Ratio	Lower	Upper	
276	100		
138	19.5	13.6	20.4
277	22.4	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:37 PM

