

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
 Data File : BG046089.D
 Acq On : 27 Jul 2020 15:38
 Operator : CG/JU
 Sample : L1955-18
 Misc : MDL-ME-04
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM

Quant Time: Jul 27 16:40:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 15:44:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	102982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	438874	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	305712	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	668637	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	679439	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	754112	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	4240	2.03	ng/uL	0.00
5) Phenol-d5	7.13	99	225927	27.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	141513	28.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	182621	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	185655	27.23	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	92871	29.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	99310	31.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	196220	27.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	268706	33.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	669923	28.10	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	811155	28.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	99551	25.57	ng/ul	0.00
58) Fluorene-d10	15.58	176	596697	27.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	91059	27.21	ng/ul	0.00
71) Anthracene-d10	17.43	188	897464	29.11	ng/ul	0.00
79) Pyrene-d10	19.71	212	1079598	30.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1119322	26.78	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	4106	1.608 ng/uL	98
4) Benzaldehyde	7.10	77	15296m	2.655 ng/ul	
6) Phenol	7.15	94	33037	3.969 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.38	93	27351	4.015 ng/ul	97
10) 2-Chlorophenol	7.53	128	26409	4.027 ng/ul	98
11) 2-Methylphenol	8.40	108	23391	3.487 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.49	45	47804	4.152 ng/ul	99
14) Acetophenone	8.78	105	43450	4.319 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.77	70	22181	4.075 ng/ul	96
16) 4-Methylphenol	8.73	108	27263	3.794 ng/ul	88
17) Hexachloroethane	9.05	117	11163	4.012 ng/ul	89
20) Nitrobenzene	9.15	77	31557	3.964 ng/ul	96
21) Isophorone	9.68	82	60238	3.872 ng/ul	99
23) 2-Nitrophenol	9.87	139	15327	4.323 ng/ul	96
24) 2,4-Dimethylphenol	9.93	107	25976	3.306 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.17	93	37911	3.852 ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	28470	4.030 ng/ul#	87
28) Naphthalene	10.81	128	93506	3.981 ng/ul	98
30) 4-Chloroaniline	10.91	127	36741	4.732 ng/ul#	85
31) Hexachlorobutadiene	11.11	225	21767	4.004 ng/ul	96
32) Caprolactam	11.68	113	7209m	3.027 ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	26553	3.666 ng/ul	99
34) 2-Methylnaphthalene	12.42	142	75263	4.262 ng/ul	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
 Data File : BG046089.D
 Acq On : 27 Jul 2020 15:38
 Operator : CG/JU
 Sample : L1955-18
 Misc : MDL-ME-04
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM

Quant Time: Jul 27 16:40:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 15:44:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	70932	4.067	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	43645	4.130	ng/uL	93
38) Hexachlorocyclopentadiene	12.77	237	13860	2.290	ng/uL#	98
39) 2,4,6-Trichlorophenol	13.02	196	22028	3.566	ng/uL	99
40) 2,4,5-Trichlorophenol	13.09	196	24152	3.596	ng/uL	96
41) 1,1'-Biphenyl	13.42	154	98930	4.183	ng/uL	98
42) 2-Chloronaphthalene	13.46	162	77536	4.109	ng/uL	98
43) 2-Nitroaniline	13.66	65	16532	3.716	ng/uL	92
45) Dimethylphthalate	14.04	163	95290	3.985	ng/uL	99
46) 2,6-Dinitrotoluene	14.15	165	16727	3.668	ng/uL	96
48) Acenaphthylene	14.31	152	115137	3.977	ng/uL	98
49) 3-Nitroaniline	14.48	138	13855	3.225	ng/uL#	98
50) Acenaphthene	14.65	153	82117	3.939	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	6003	2.974	ng/uL	90
53) 4-Nitrophenol	14.78	109	10006	3.581	ng/uL	87
54) Dibenzofuran	14.98	168	120046	4.223	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	24435	3.763	ng/uL	100
56) 2,3,4,6-Tetrachlorophenol	15.21	232	23269	3.716	ng/uL	91
57) Diethylphthalate	15.41	149	92255	3.906	ng/uL	98
59) Fluorene	15.64	166	95232	3.950	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.63	204	49420	3.902	ng/uL	98
61) 4-Nitroaniline	15.64	138	15091m	3.151	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	13692	3.841	ng/uL#	81
65) N-Nitrosodiphenylamine	15.84	169	83616	4.301	ng/uL	96
66) 4-Bromophenyl-phenylether	16.52	248	33874	4.077	ng/uL	91
67) Hexachlorobenzene	16.64	284	39030	4.161	ng/uL	98
68) Atrazine	16.79	200	30633	3.941	ng/uL	96
69) Pentachlorophenol	16.98	266	15739m	3.148	ng/uL	
70) Phenanthrene	17.37	178	159182	4.266	ng/uL	99
72) Anthracene	17.46	178	154822	4.164	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	45675	4.549	ng/uL	89
74) Pentachlorobenzene	14.91	250	43892	4.329	ng/uL	96
75) Carbazole	17.73	167	134723	4.515	ng/uL	100
76) Di-n-butylphthalate	18.30	149	147657	4.022	ng/uL	99
77) Fluoranthene	19.38	202	198208	4.842	ng/uL	98
80) Pvrene	19.74	202	202885	4.416	ng/uL	99
81) Butylbenzylphthalate	20.64	149	60003	3.805	ng/uL	94
82) 3,3'-Dichlorobenzidine	21.48	252	57988	3.976	ng/uL	100
83) Benzo(a)anthracene	21.56	228	201297	4.499	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	87054	3.795	ng/uL	94
85) Chrysene	21.62	228	193405	4.446	ng/uL	97
87) Di-n-octyl phthalate	22.67	149	142545	3.617	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	199685	3.919	ng/uL	97
89) Benzo(k)fluoranthene	23.77	252	190664	3.812	ng/uL	97
91) Benzo(a)pyrene	24.54	252	194388m	4.161	ng/uL	
92) Indeno(1,2,3-cd)pyrene	28.20	276	209895	3.597	ng/uL	97
93) Dibenzo(a,h)anthracene	28.27	278	170781	3.578	ng/uL	96
94) Benzo(a,h,i)perylene	29.30	276	179380	3.637	ng/uL	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046089.D
Acq On : 27 Jul 2020 15:38
Operator : CG/JU
Sample : L1955-18
Misc : MDL-ME-04
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

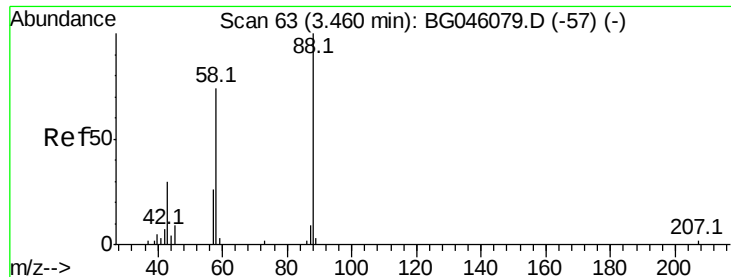
Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM

Quant Time: Jul 27 16:40:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 15:44:40 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: 1.608 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

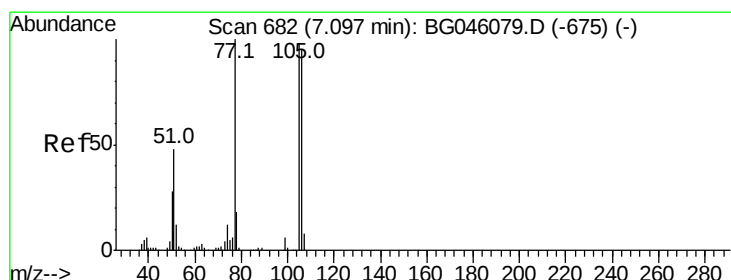
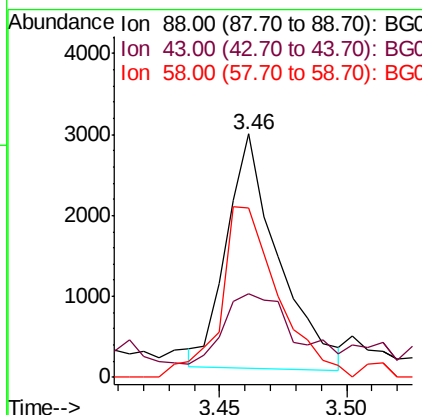
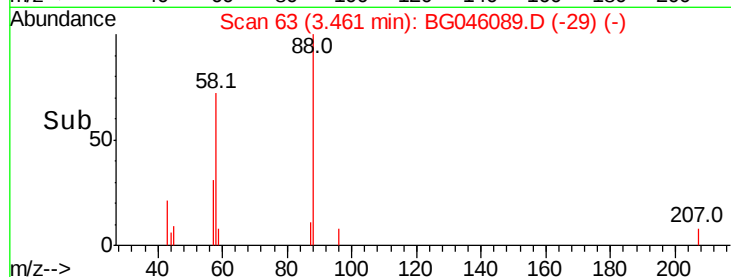
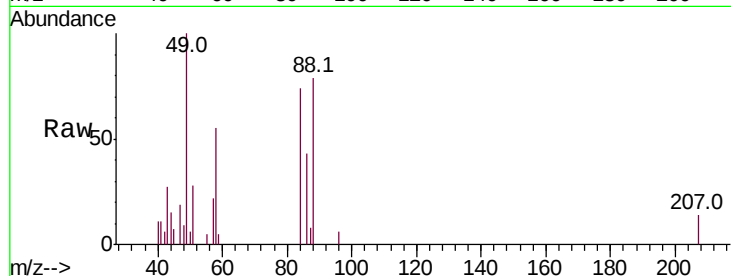
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	88	Resp:	4106
Ion	Ratio	Lower	Upper
88	100		
43	34.5	26.6	39.8
58	69.8	57.4	86.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



#4

Benzaldehyde

Concen: 2.655 ng/uL m

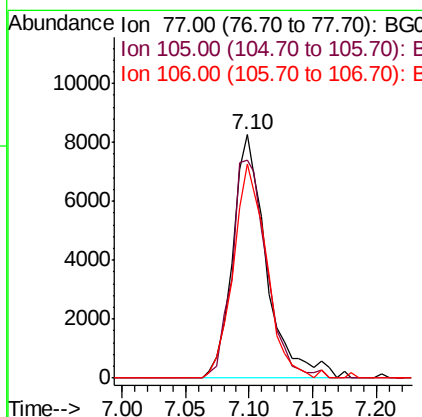
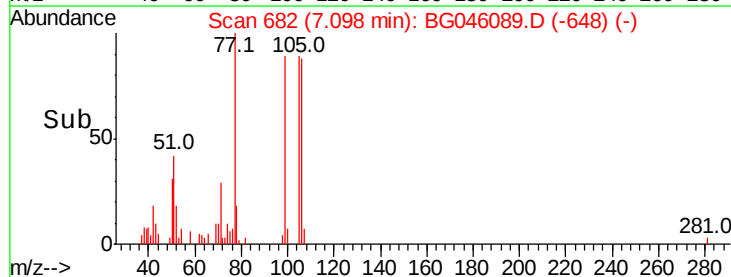
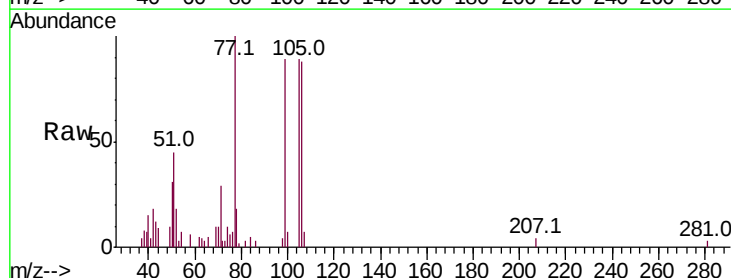
RT: 7.10 min Scan# 682

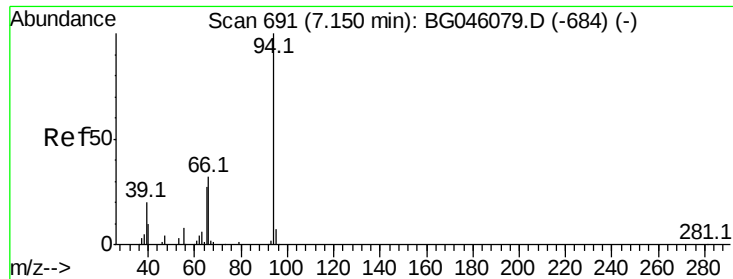
Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:	77	Resp:	15296
Ion	Ratio	Lower	Upper
77	100		
105	89.4	79.4	119.2
106	88.2	78.6	117.8





#6

Phenol

Concen: 3.969 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

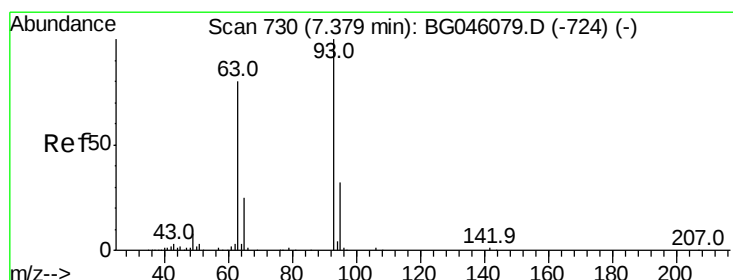
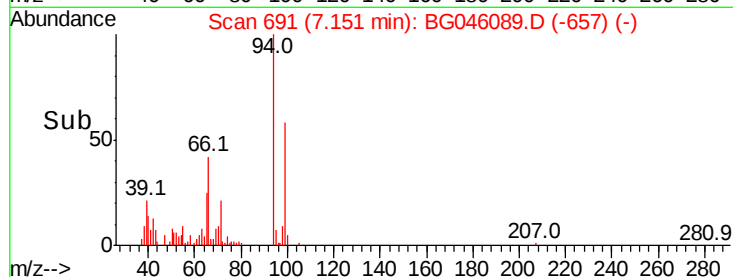
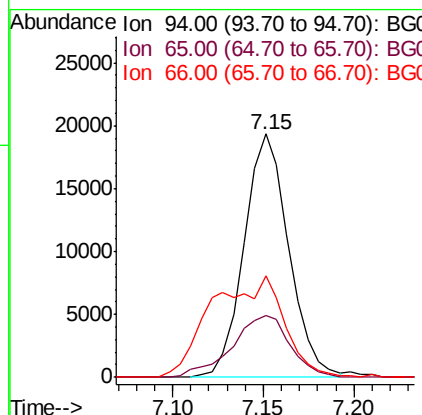
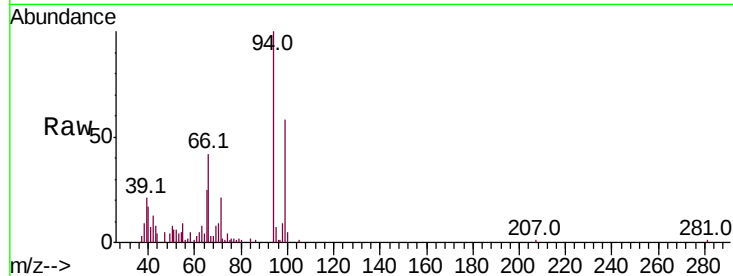
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	94	Resp:	33037
Ion Ratio	Lower	Upper	
94	100		
65	25.3	23.1	34.7
66	41.9	30.3	45.5

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



#8

Bis(2-Chloroethyl)ether

Concen: 4.015 ng/ul

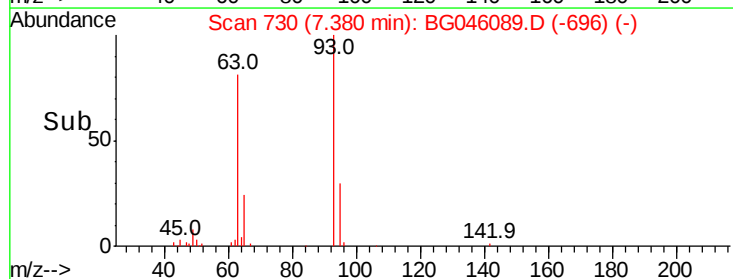
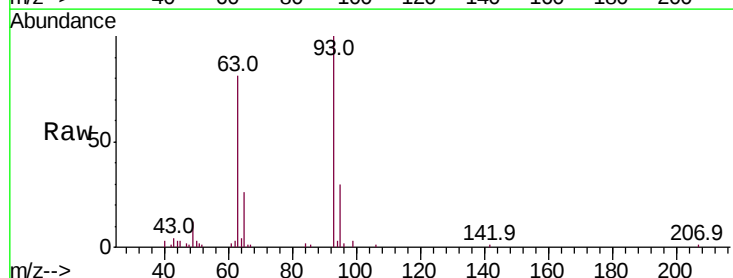
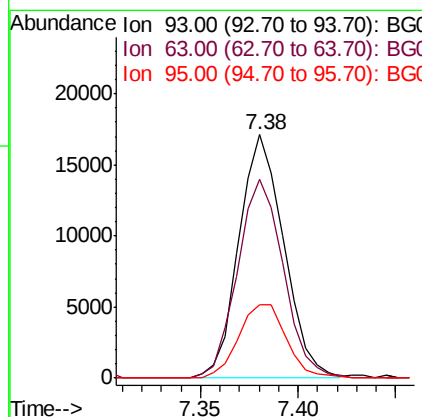
RT: 7.38 min Scan# 730

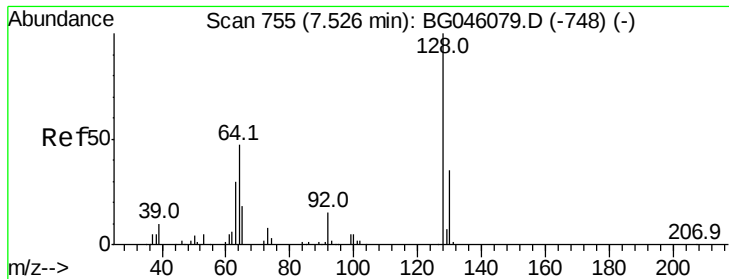
Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:	93	Resp:	27351
Ion Ratio	Lower	Upper	
93	100		
63	81.4	63.4	95.2
95	29.9	26.4	39.6





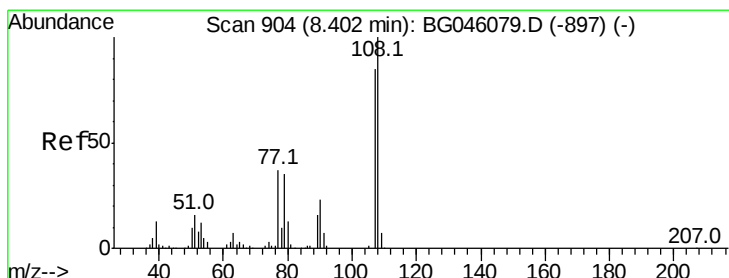
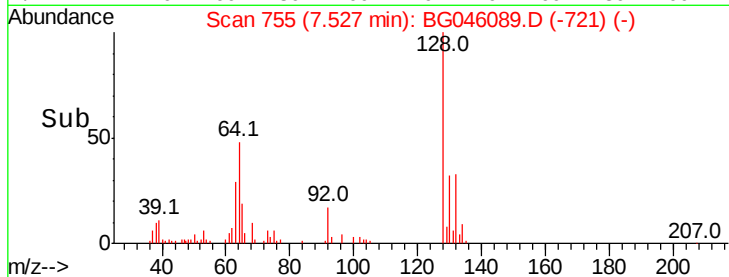
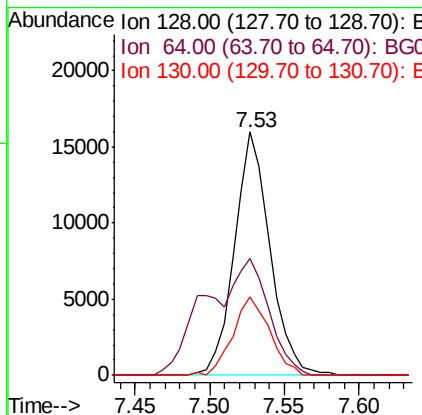
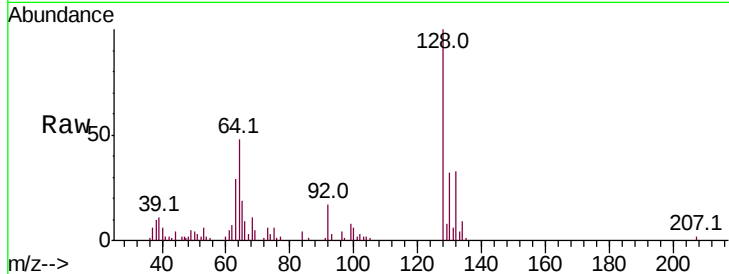
#10
2-Chlorophenol
Concen: 4.027 ng/ul
RT: 7.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
128	100		
64	47.9	39.0	58.6
130	32.4	25.0	37.4

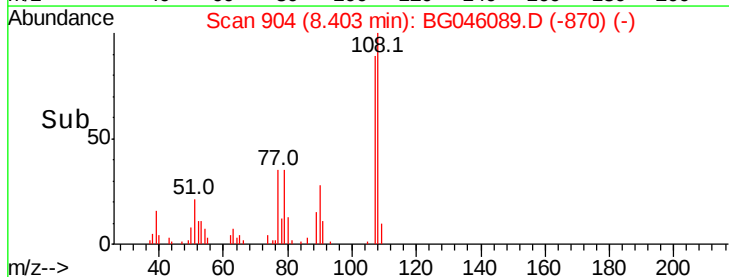
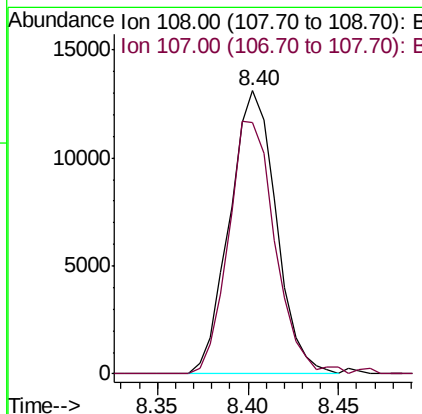
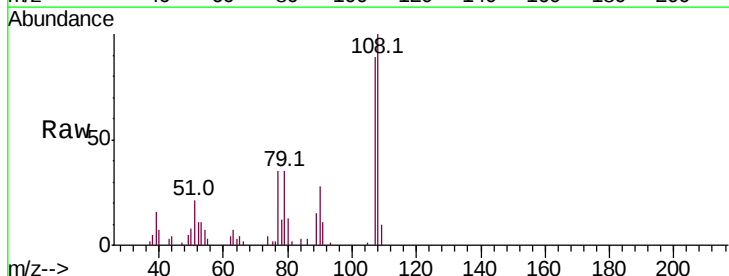
Manual Integrations
APPROVED

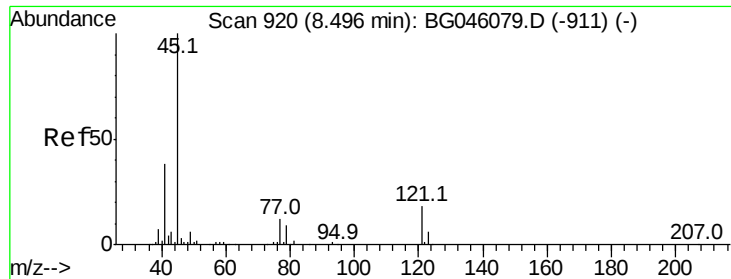
mohammad
7/28/2020 11:42:50 AM



#11
2-Methylphenol
Concen: 3.487 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.8	75.0	112.4





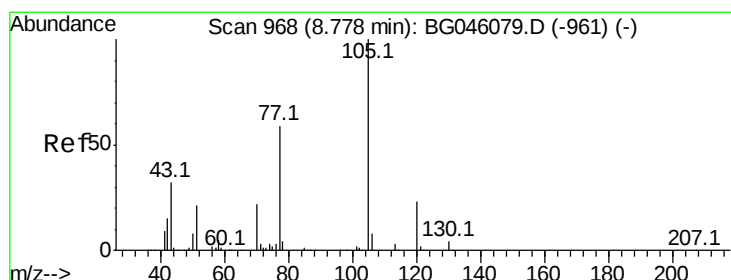
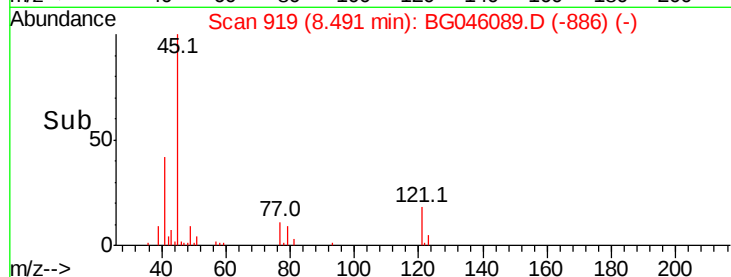
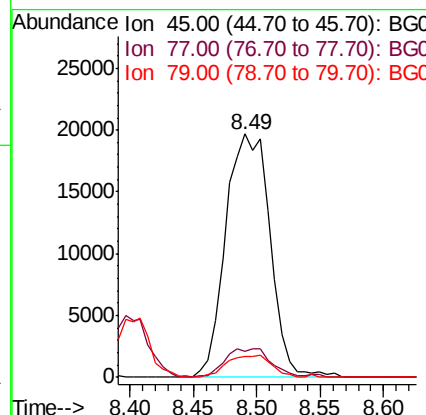
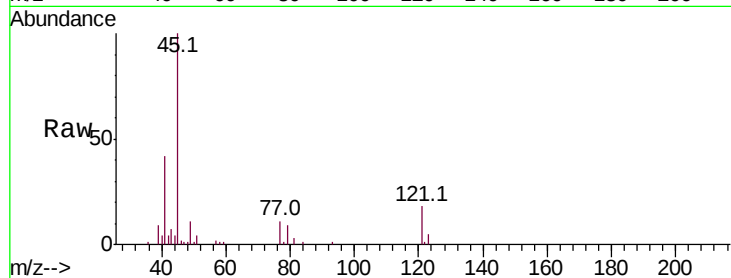
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.152 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
45	100		
77	10.9	9.2	13.8
79	8.7	7.0	10.6

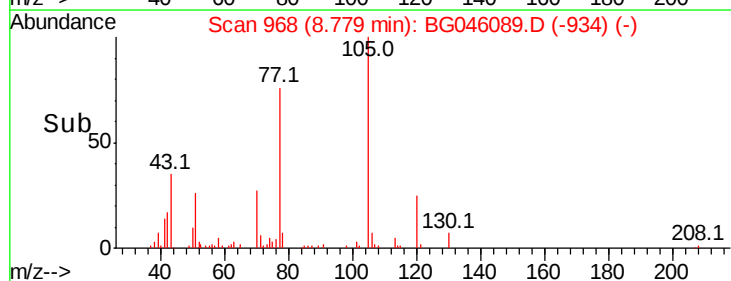
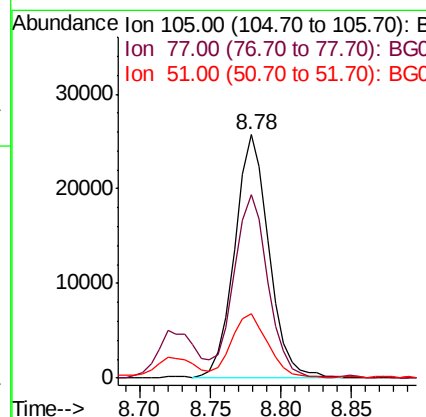
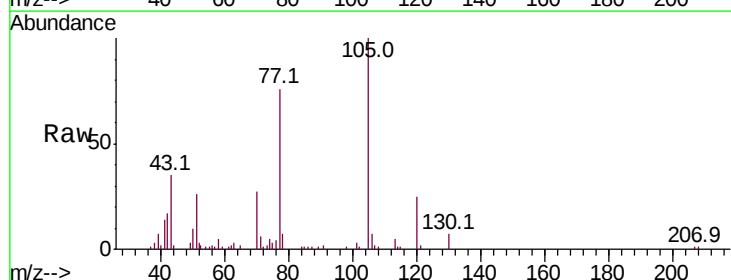
Manual Integrations
APPROVED

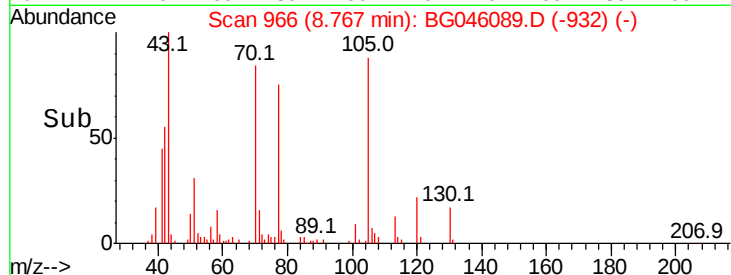
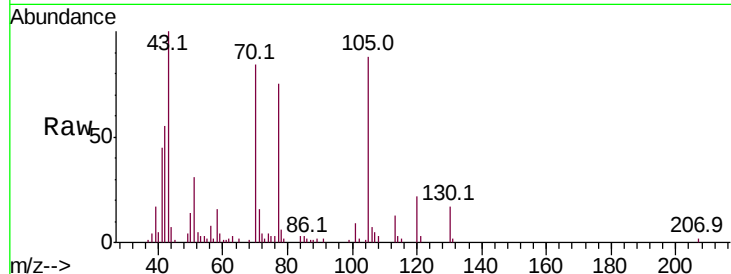
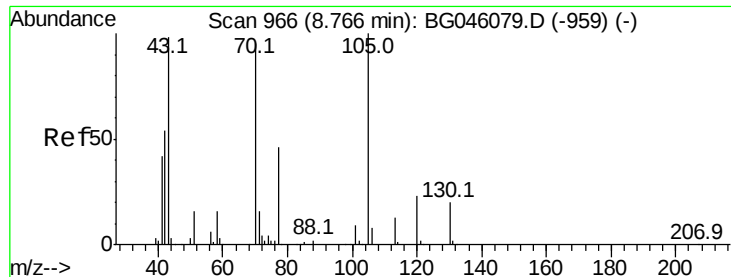
mohammad
7/28/2020 11:42:50 AM



#14
Acetophenone
Concen: 4.319 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.5	62.2	93.2
51	26.3	23.0	34.6





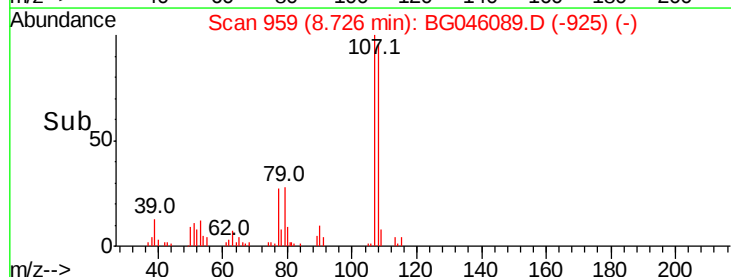
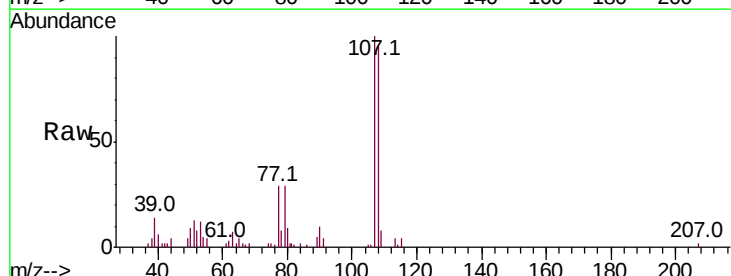
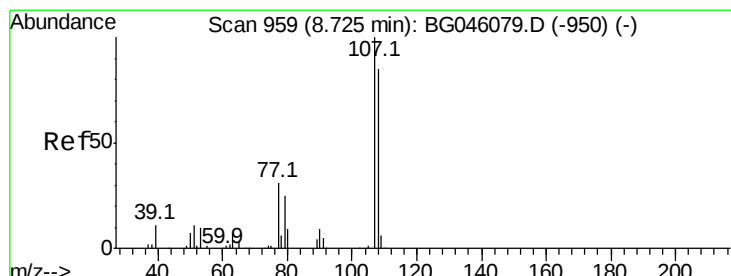
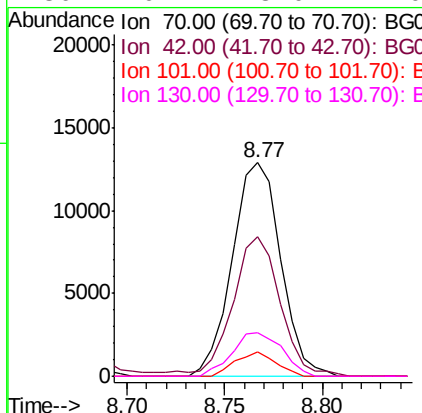
#15
N-Nitroso-di-n-propylamine
Concen: 4.075 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.4	50.0	75.0	
101	11.3	8.1	12.1	
130	20.2	18.0	27.0	

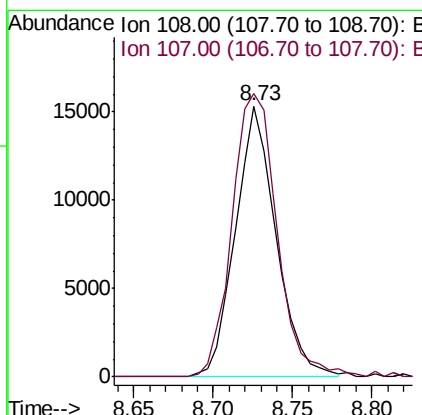
Manual Integrations
APPROVED

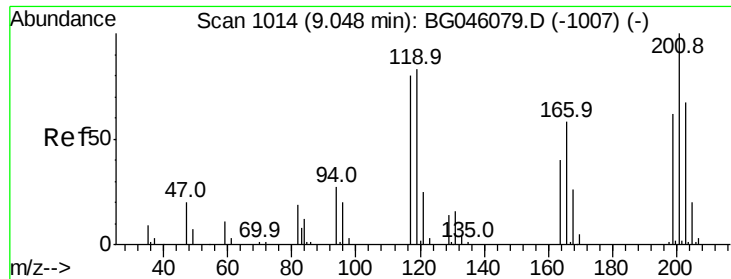
mohammad
7/28/2020 11:42:50 AM



#16
4-Methylphenol
Concen: 3.794 ng/ul
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	104.5	94.6	141.8	





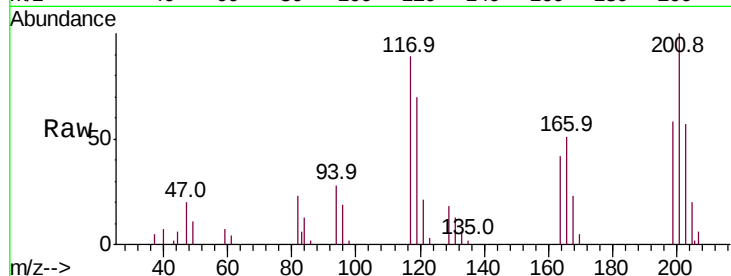
#17
Hexachloroethane
Concen: 4.012 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

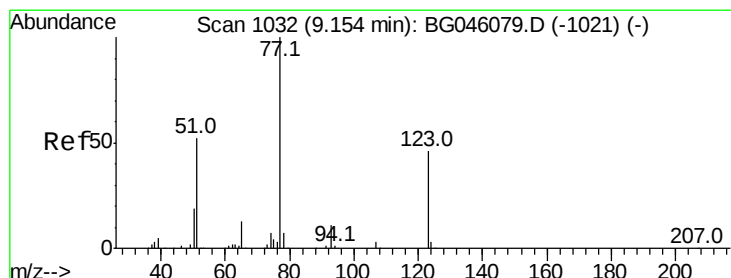
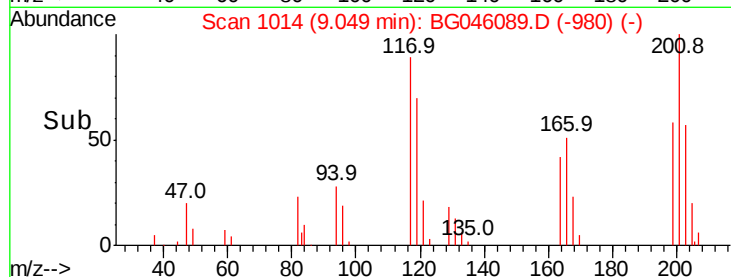
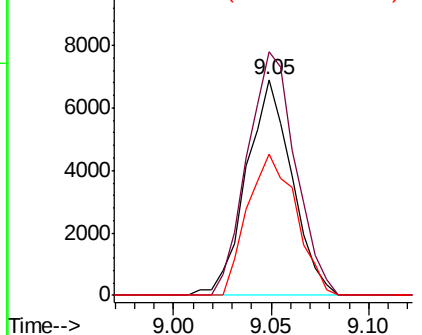
Tot Ion	Ratio	Resp	Lower	Upper
117	100	11163		
201	112.7	98.2	147.4	
199	65.1	61.4	92.2	

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM

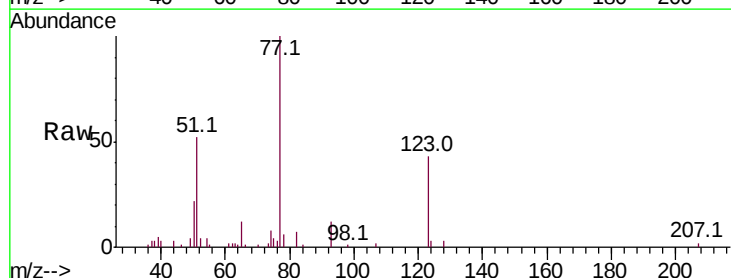


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

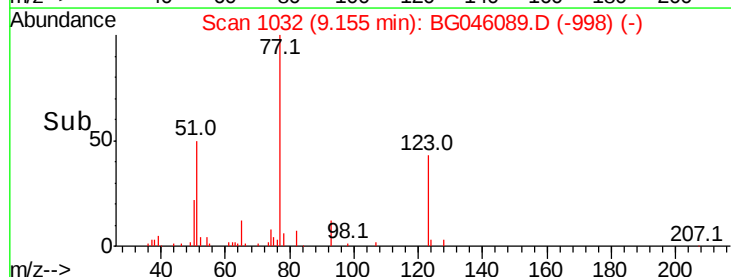
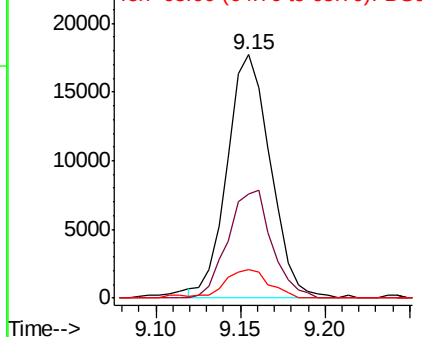


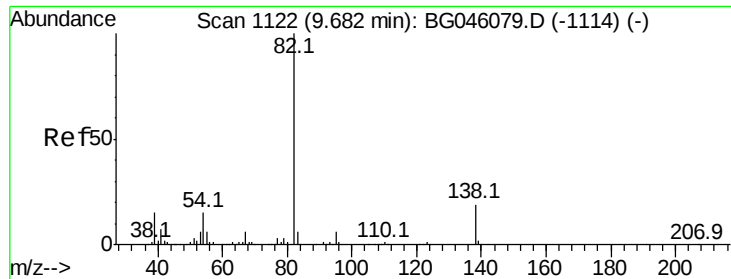
#20
Nitrobenzene
Concen: 3.964 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	31557		
123	42.7	36.1	54.1	
65	11.8	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





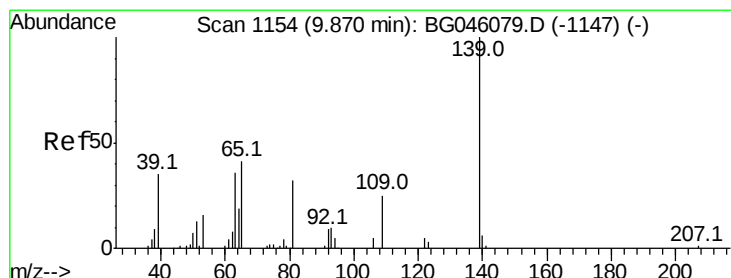
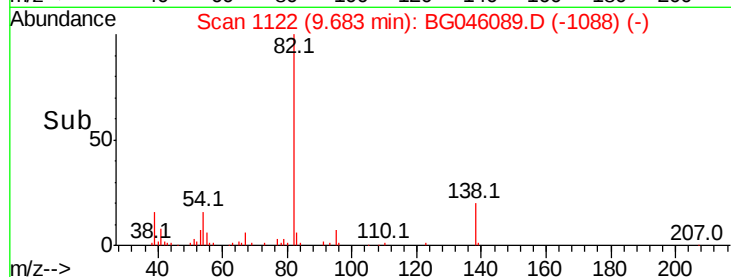
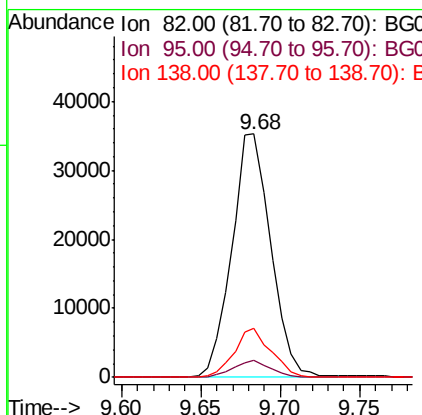
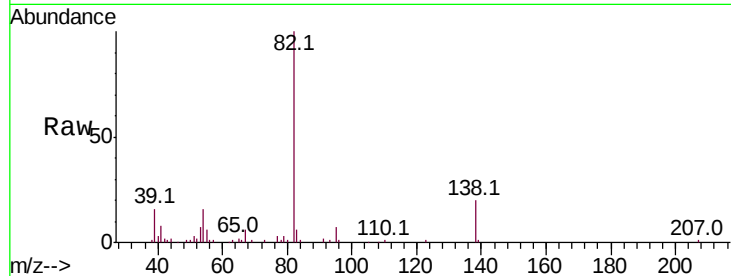
#21
Isophorone
Concen: 3.872 ng/ul
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	20.0	16.2	24.4

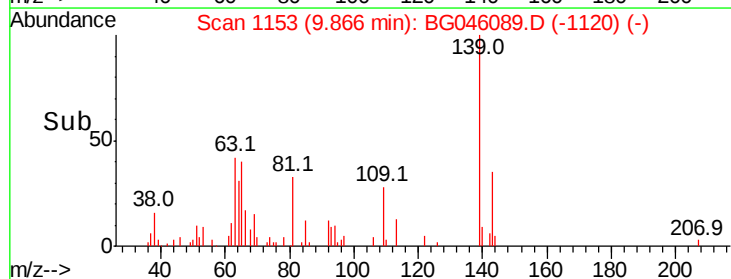
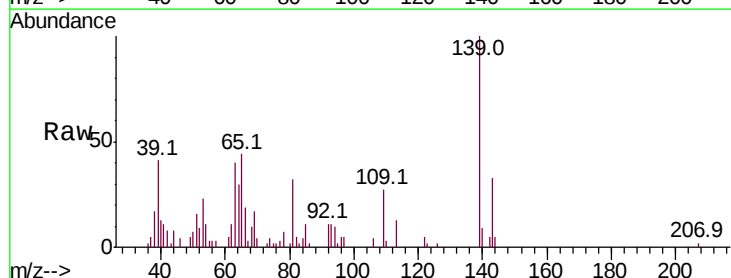
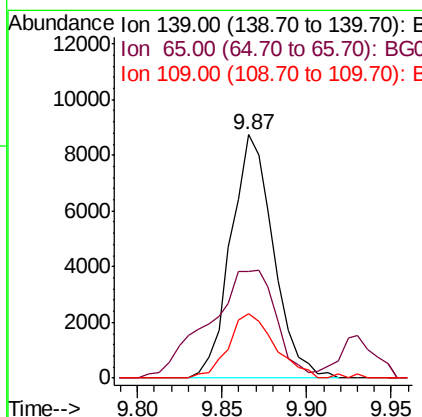
Manual Integrations
APPROVED

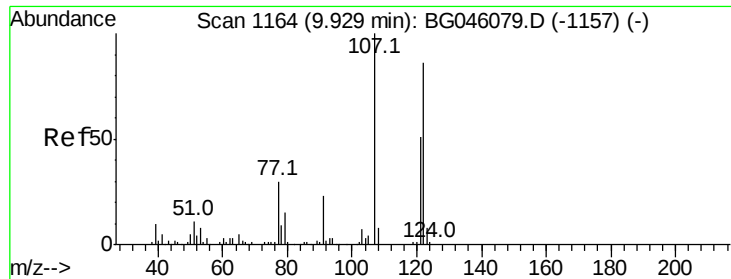
mohammad
7/28/2020 11:42:50 AM



#23
2-Nitrophenol
Concen: 4.323 ng/ul
RT: 9.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
139	100		
65	43.9	37.2	55.8
109	26.5	22.4	33.6





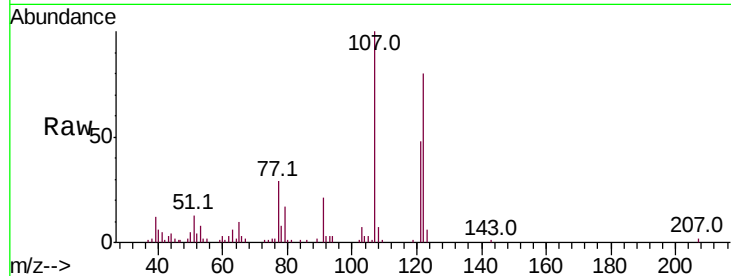
#24
 2,4-Dimethylphenol
 Concen: 3.306 ng/ul
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

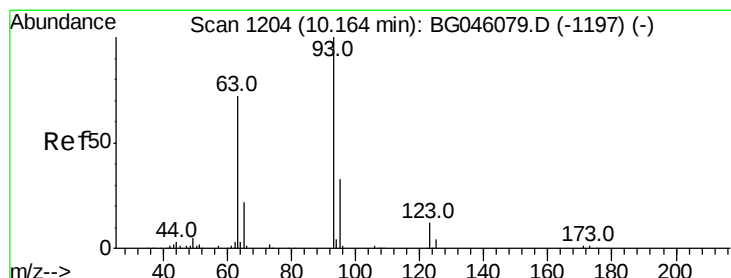
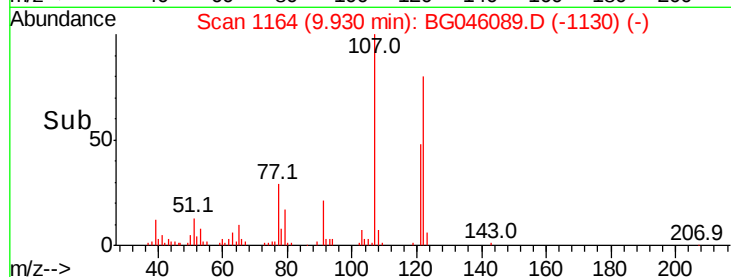
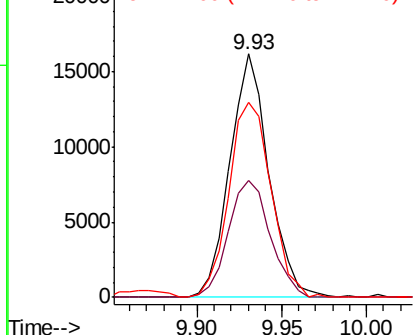
Tot Ion	Ratio	Lower	Upper
107	100		
121	48.1	40.4	60.6
122	80.0	68.2	102.4

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM

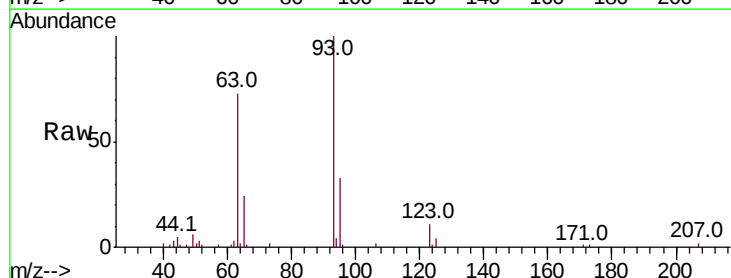


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

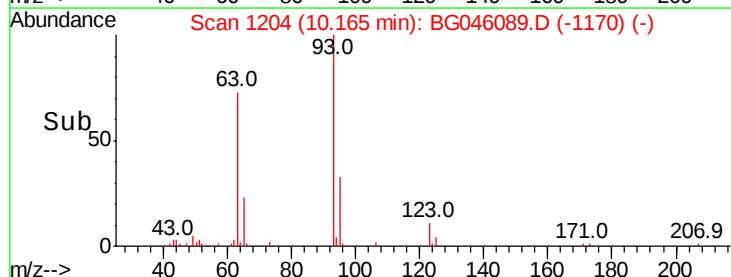
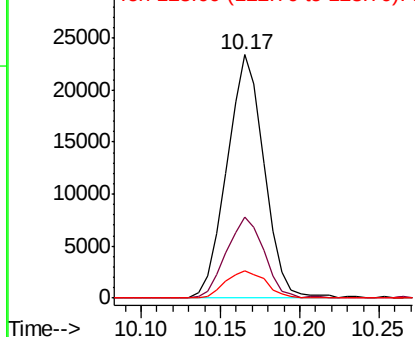


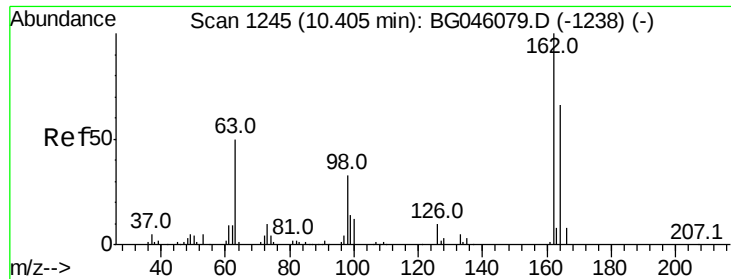
#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.852 ng/ul
 RT: 10.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	11.3	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





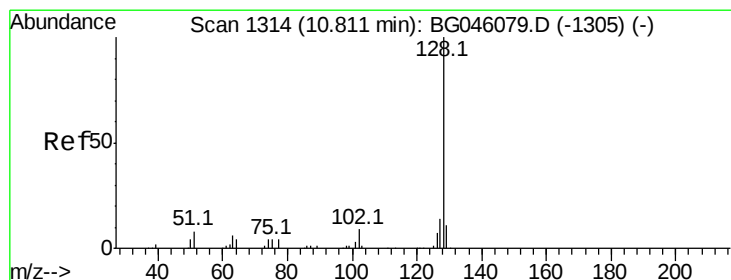
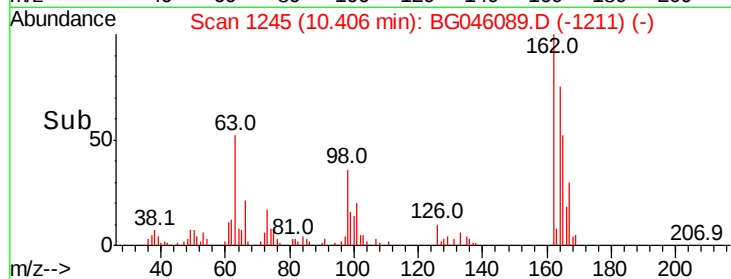
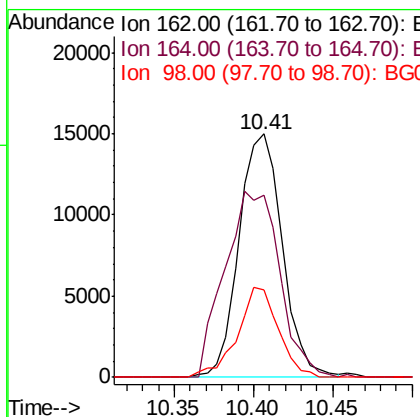
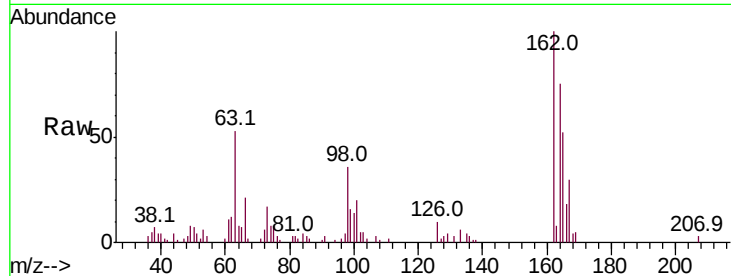
#27
2,4-Dichlorophenol
Concen: 4.030 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
162	100		
164	74.6	51.0	76.4
98	35.8	23.8	35.6

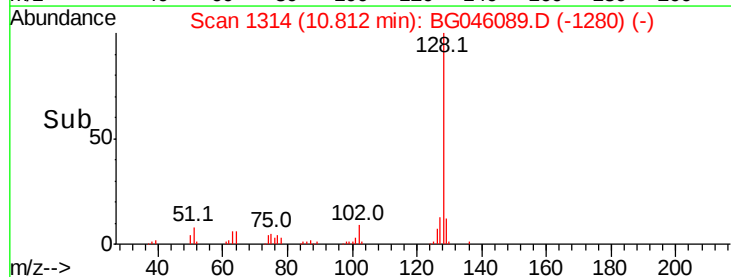
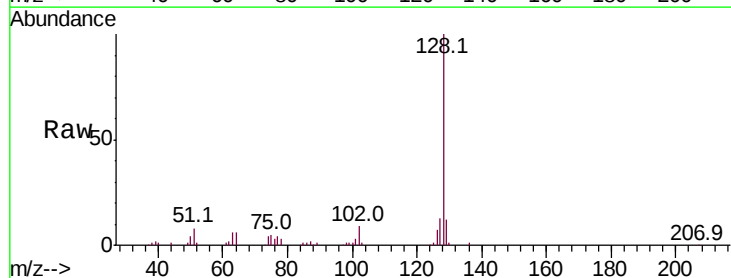
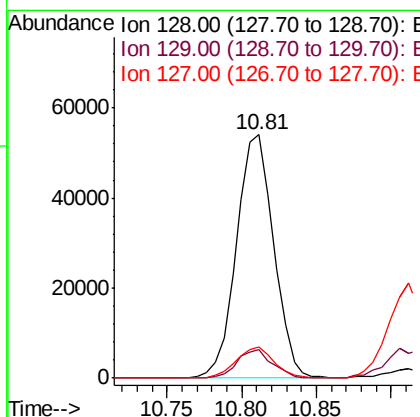
Manual Integrations
APPROVED

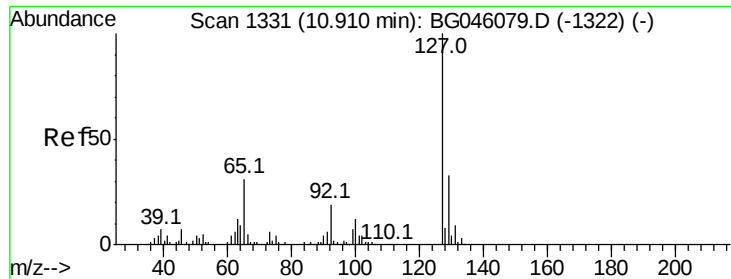
mohammad
7/28/2020 11:42:50 AM



#28
Naphthalene
Concen: 3.981 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.1	11.2	16.8





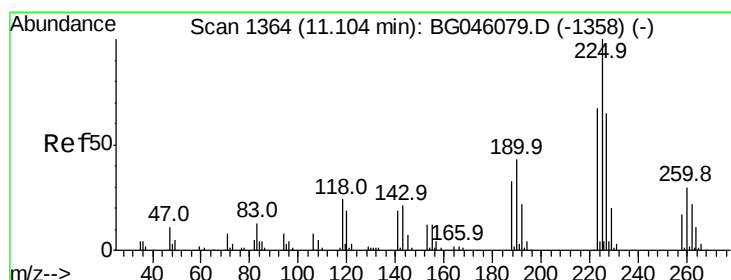
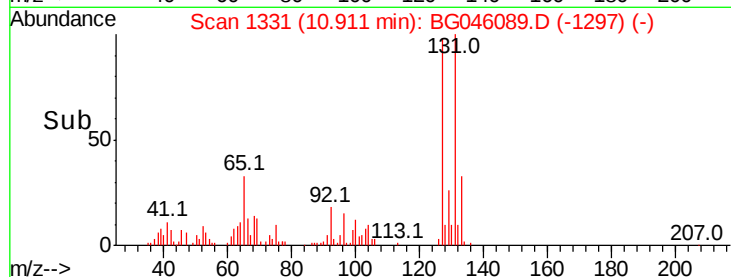
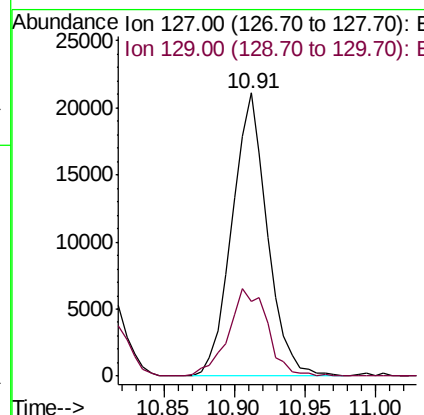
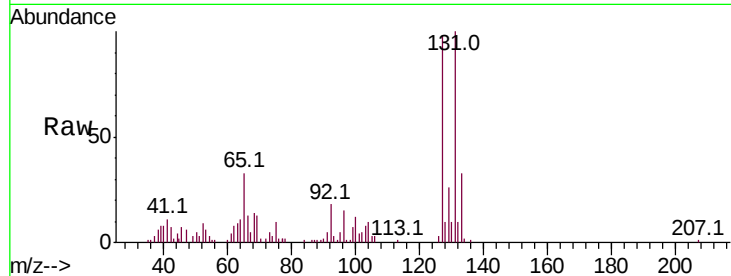
#30
4-Chloroaniline
Concen: 4.732 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:127 Resp: 36741
Ion Ratio Lower Upper
127 100
129 26.3 28.2 42.4#

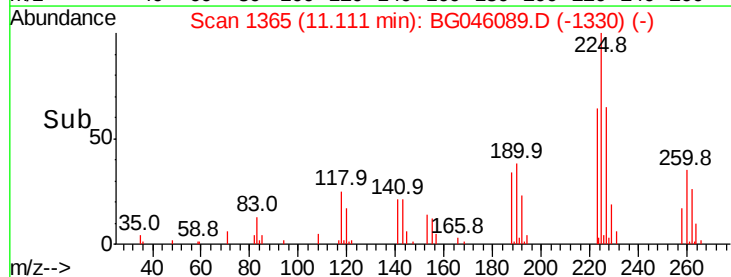
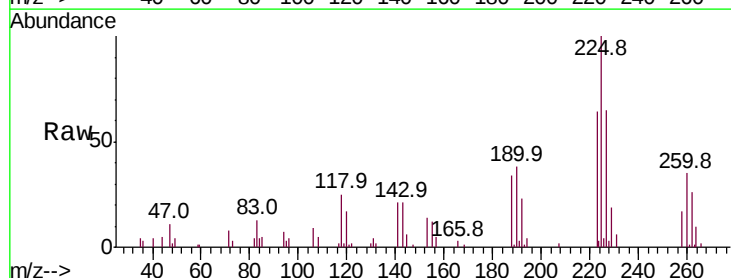
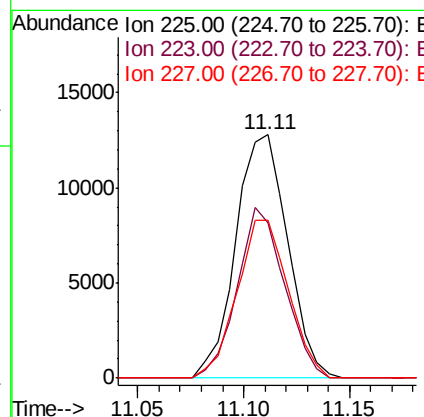
Manual Integrations
APPROVED

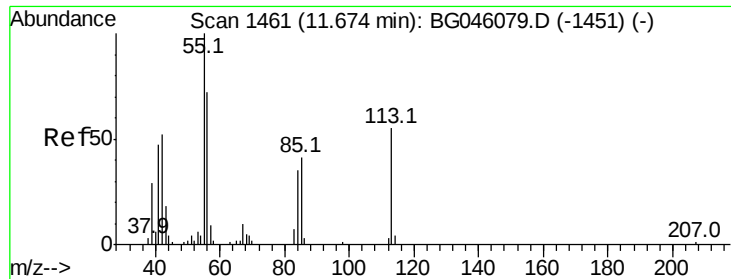
mohammad
7/28/2020 11:42:50 AM



#31
Hexachlorobutadiene
Concen: 4.004 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion:225 Resp: 21767
Ion Ratio Lower Upper
225 100
223 63.7 47.7 71.5
227 64.8 50.7 76.1





#32

Caprolactam

Concen: 3.027 ng/ul m

RT: 11.68 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

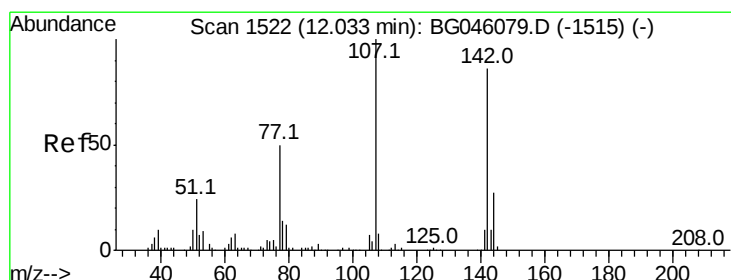
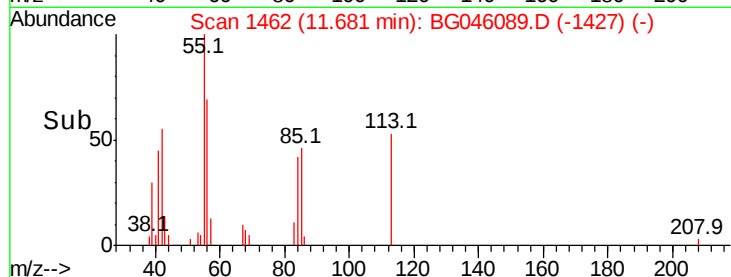
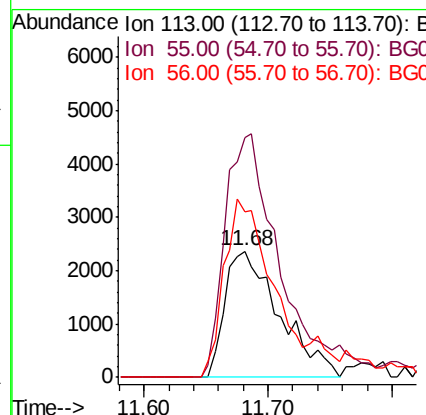
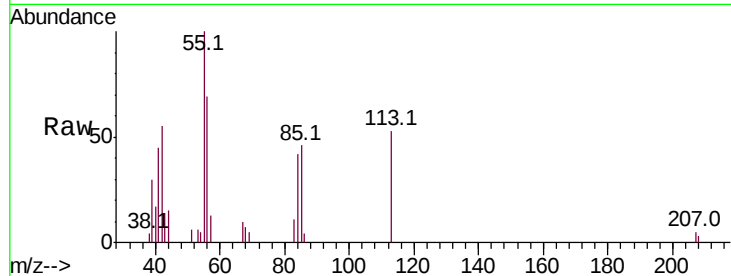
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	113	Resp:	7209
Ion	Ratio	Lower	Upper
113	100		
55	190.1	143.8	215.6
56	131.6	99.0	148.4

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



#33

4-Chloro-3-methylphenol

Concen: 3.666 ng/ul

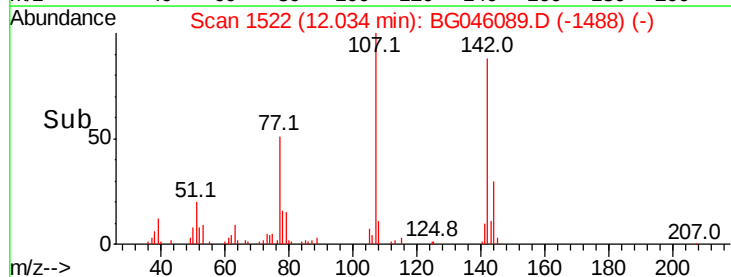
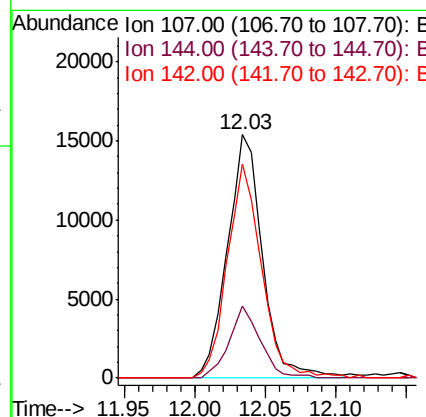
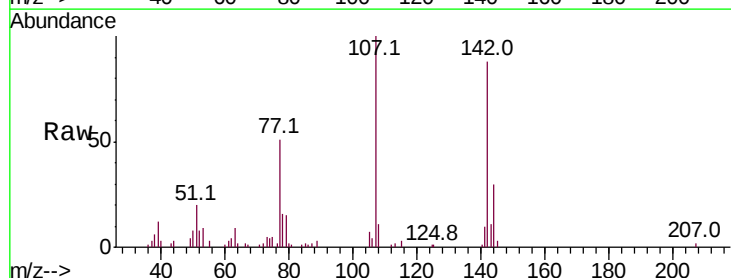
RT: 12.03 min Scan# 1522

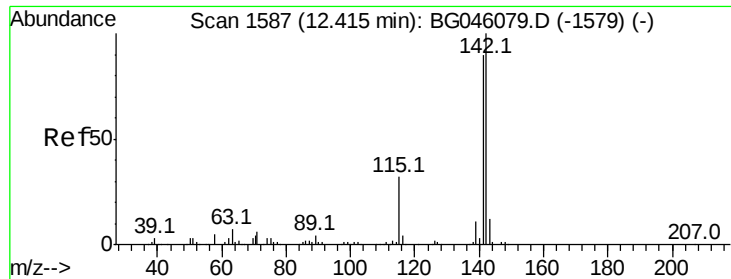
Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:	107	Resp:	26553
Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.0	34.6
142	88.2	69.6	104.4





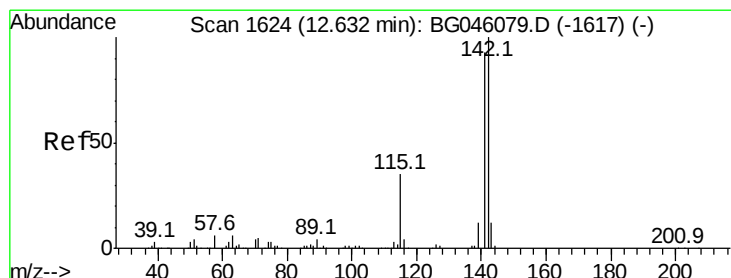
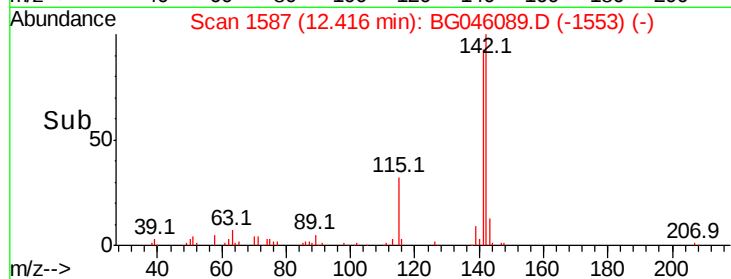
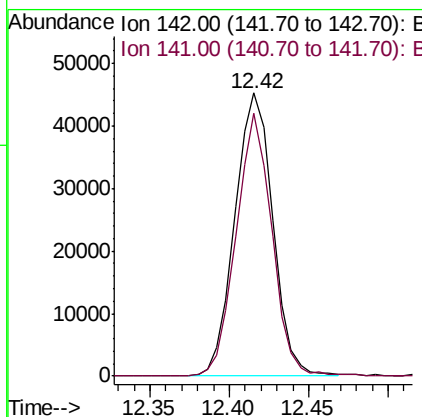
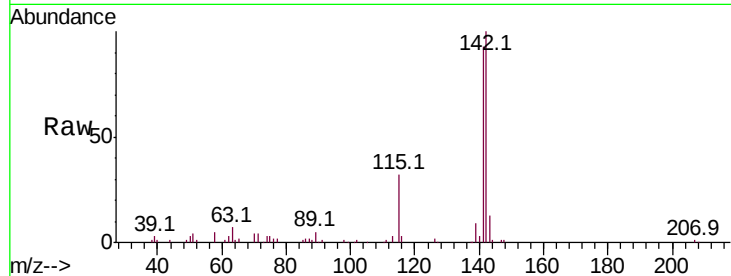
#34
2-Methylnaphthalene
Concen: 4.262 ng/ul
RT: 12.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.2	105.4

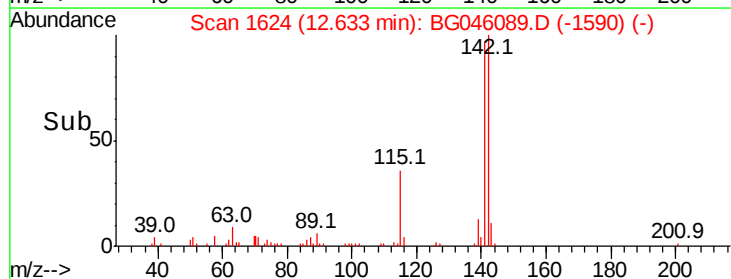
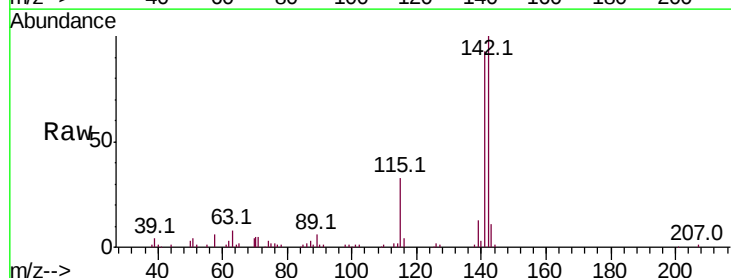
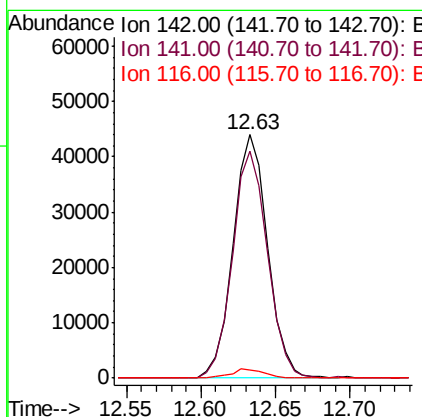
Manual Integrations
APPROVED

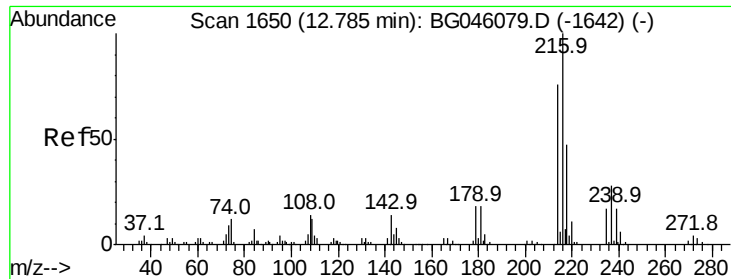
mohammad
7/28/2020 11:42:50 AM



#35
1-Methylnaphthalene
Concen: 4.067 ng/uL
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.2	112.8
116	3.6	2.7	4.1





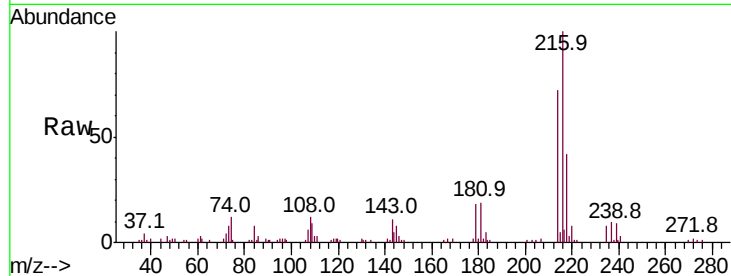
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.130 ng/ul
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
216	100		
214	71.8	63.4	95.2
179	18.3	15.4	23.2
108	12.5	11.6	17.4

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM



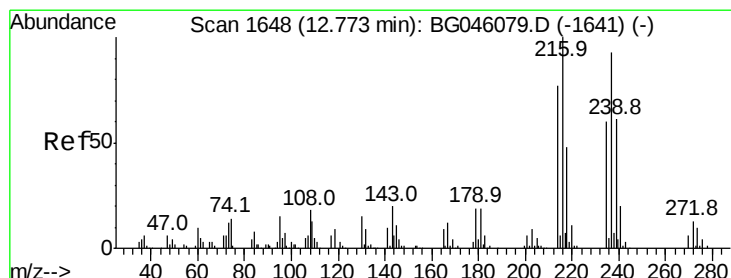
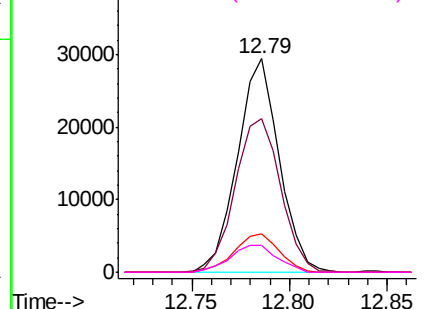
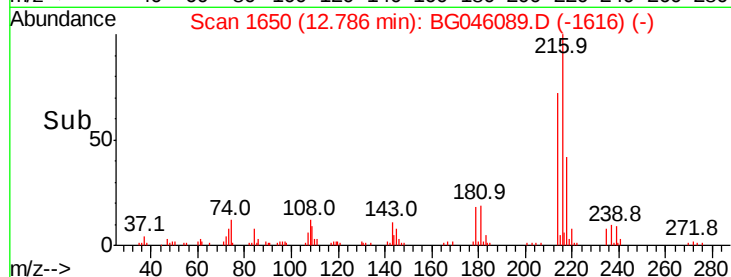
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

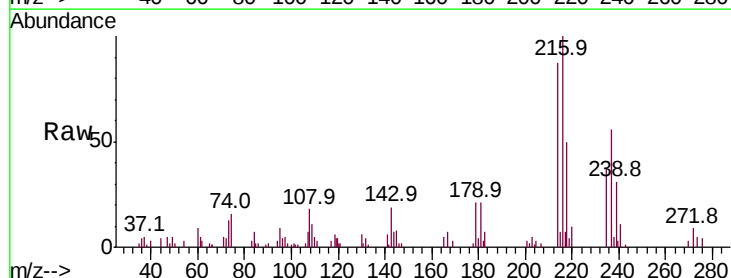
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 2.290 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.5	52.0	78.0
272	15.9	10.0	15.0#

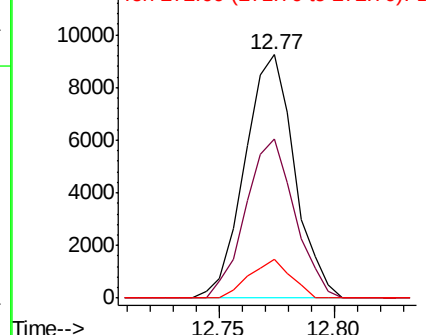
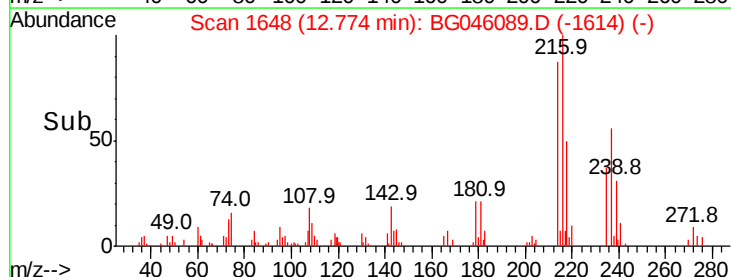


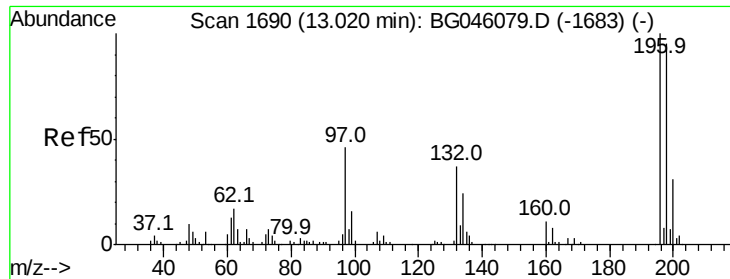
Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





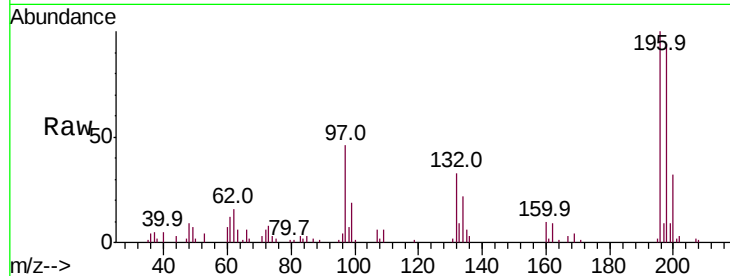
#39
 2,4,6-Trichlorophenol
 Concen: 3.566 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.8	113.6
200	31.8	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM

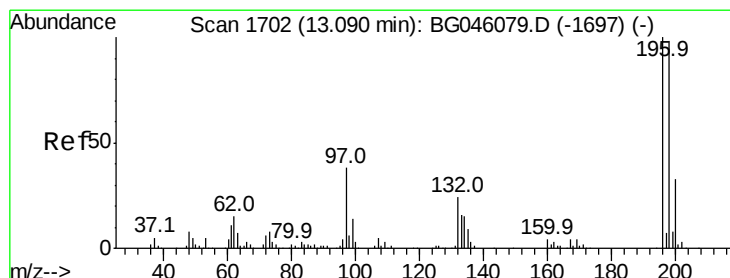
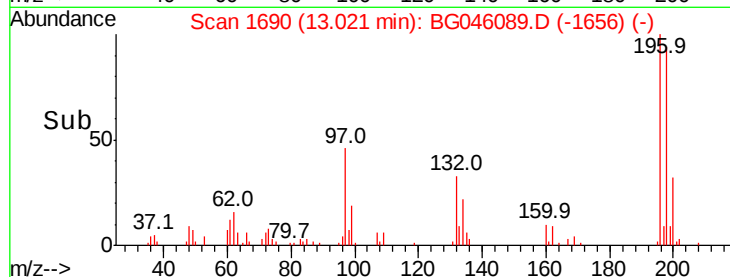
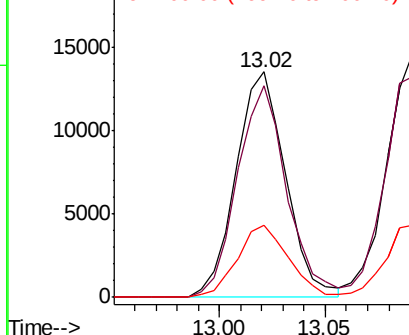


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 2,4,5-Trichlorophenol
 Concen: 3.596 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

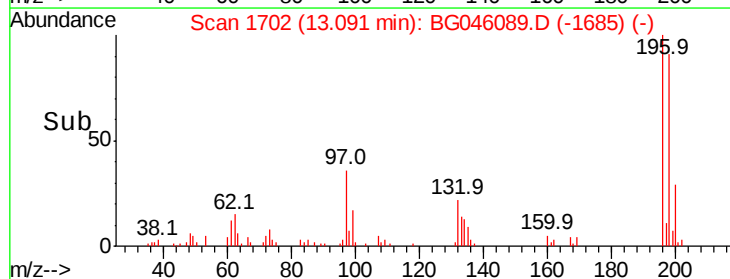
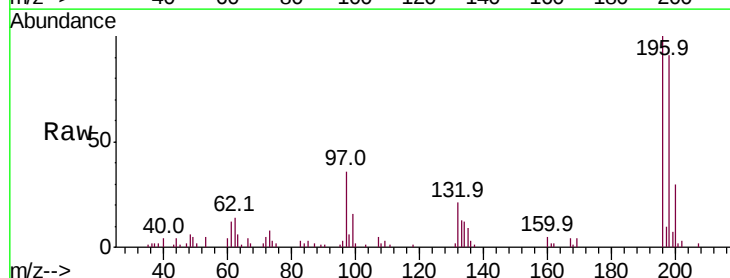
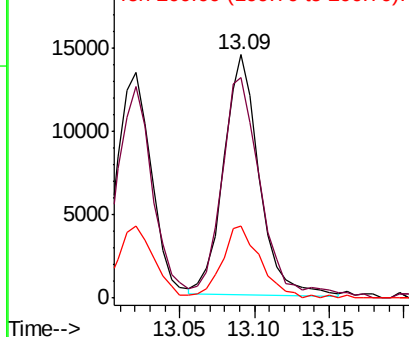
Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.7	75.2	112.8
200	29.5	25.8	38.6

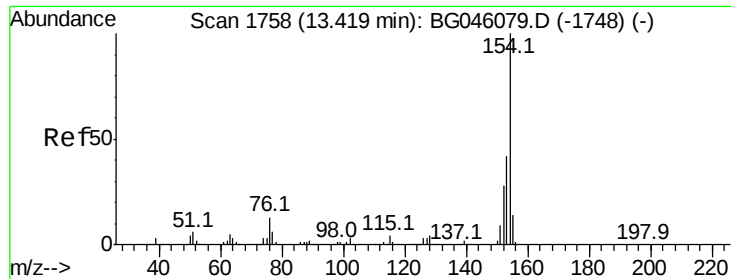
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





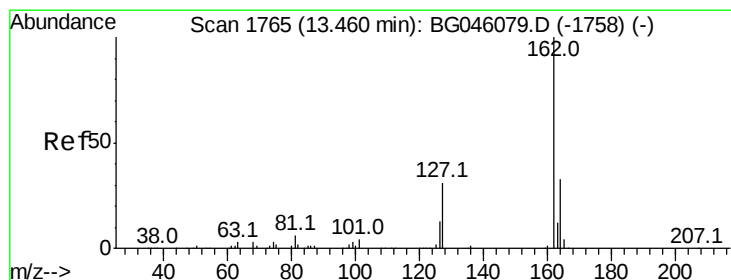
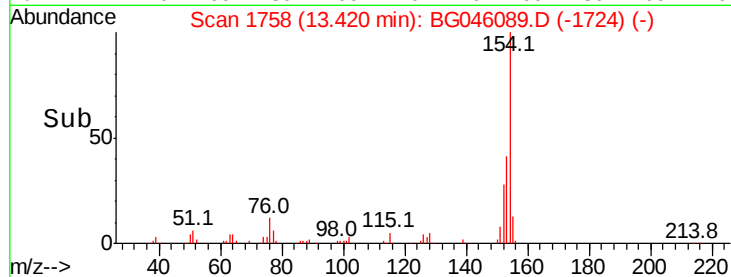
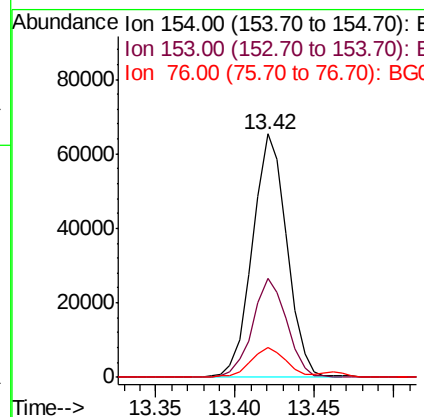
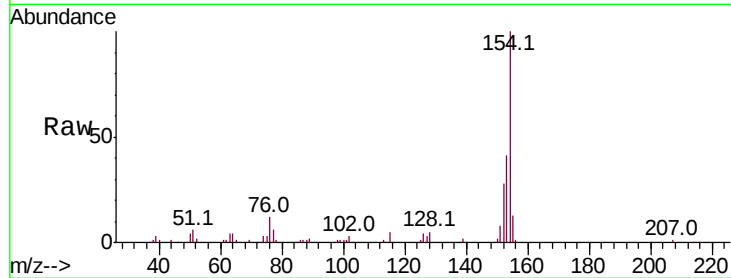
#41
1,1'-Biphenyl
Concen: 4.183 ng/ul
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	31.9	47.9
76	12.2	9.3	13.9

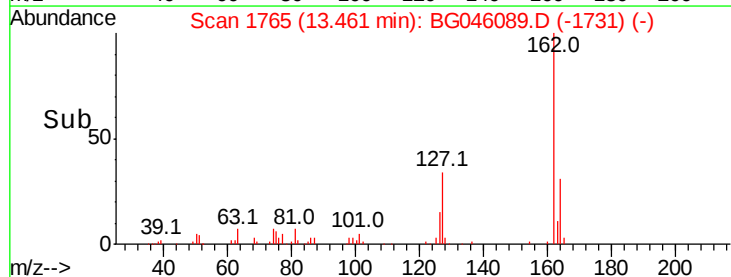
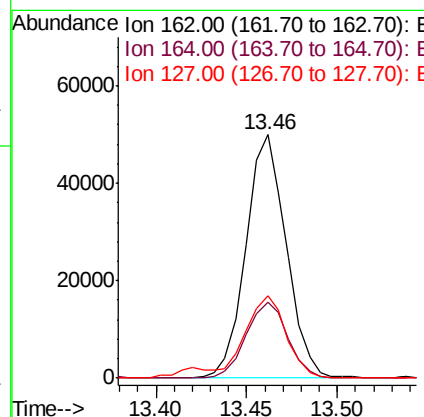
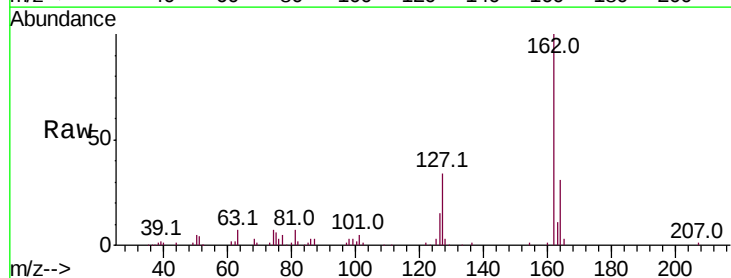
Manual Integrations
APPROVED

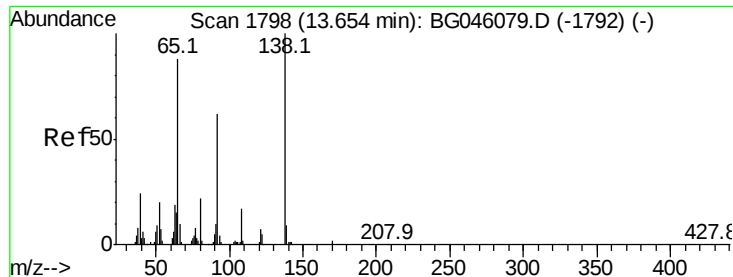
mohammad
7/28/2020 11:42:50 AM



#42
2-Chloronaphthalene
Concen: 4.109 ng/ul
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.9	26.2	39.2
127	33.6	27.3	40.9





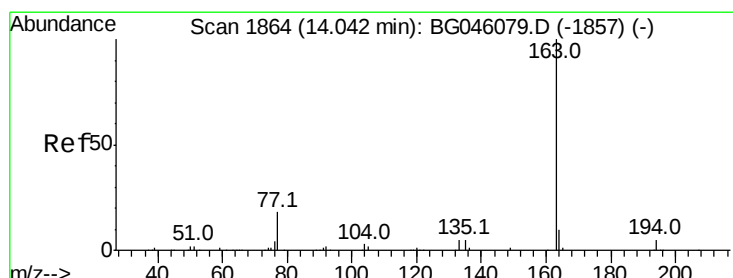
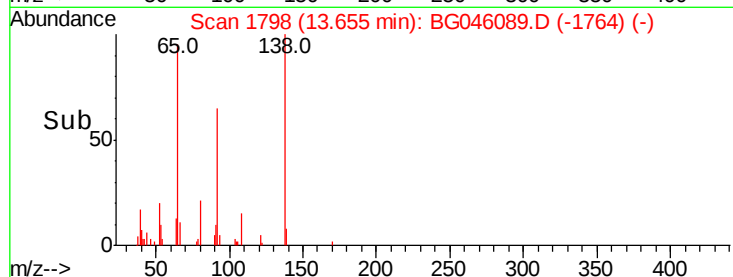
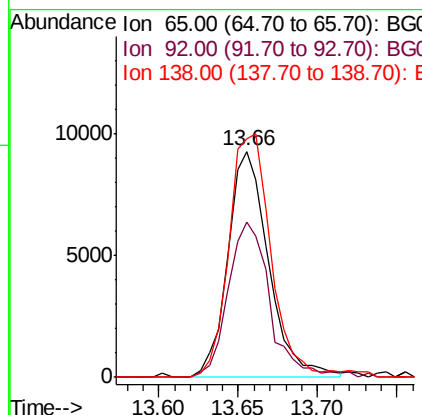
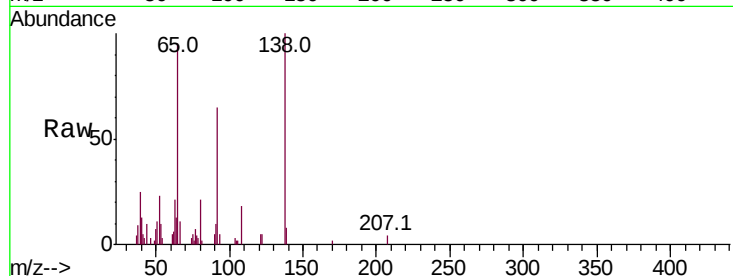
#43
2-Nitroaniline
Concen: 3.716 ng/ul
RT: 13.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	58.0	87.0
138	105.6	92.9	139.3

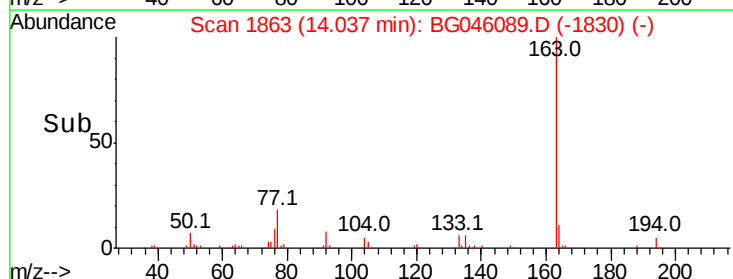
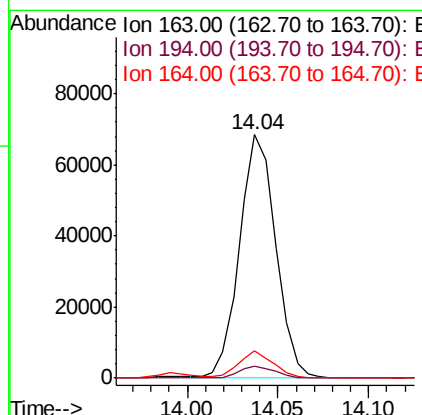
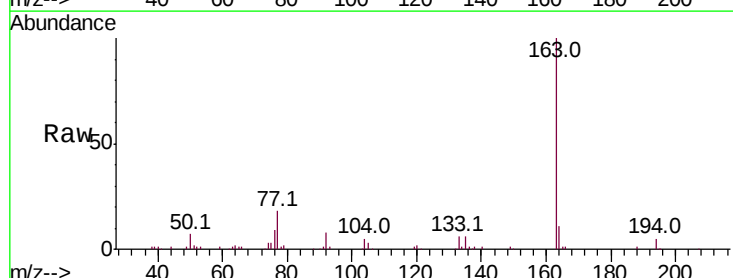
Manual Integrations
APPROVED

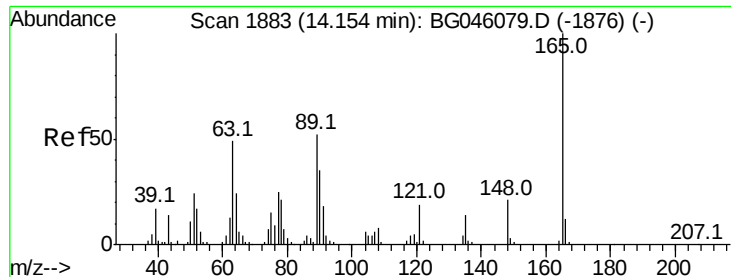
mohammad
7/28/2020 11:42:50 AM



#45
Dimethylphthalate
Concen: 3.985 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	11.1	8.7	13.1





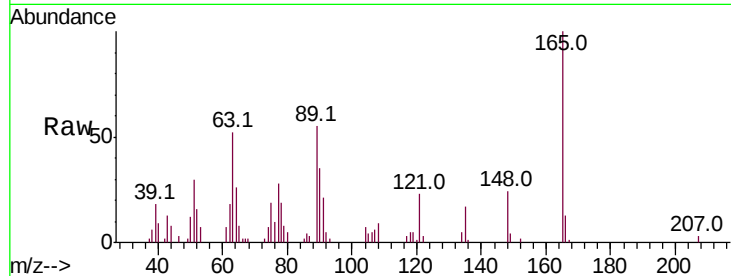
#46
2,6-Dinitrotoluene
Concen: 3.668 ng/ul
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

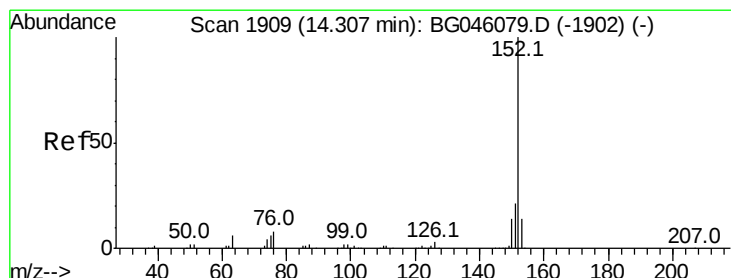
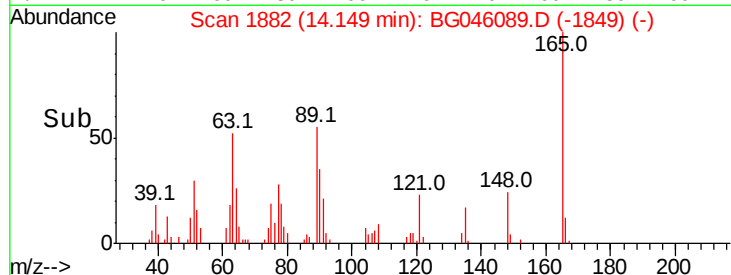
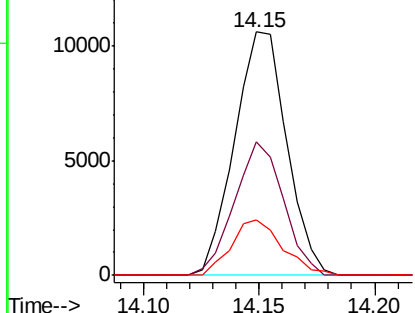
Tot Ion	Ratio	Lower	Upper
165	100		
89	55.0	42.2	63.4
121	22.6	16.0	24.0

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM

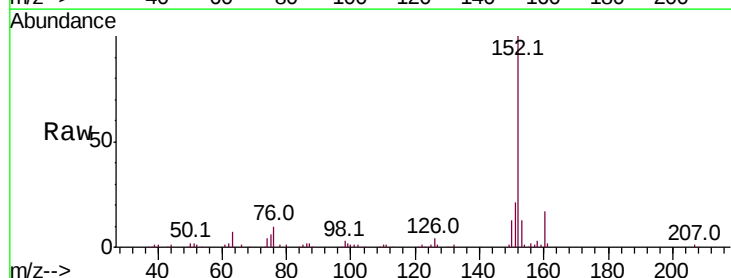


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E

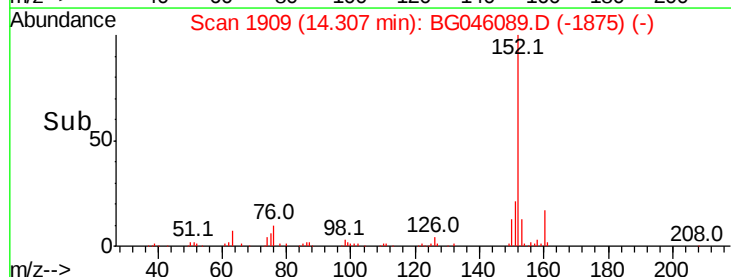
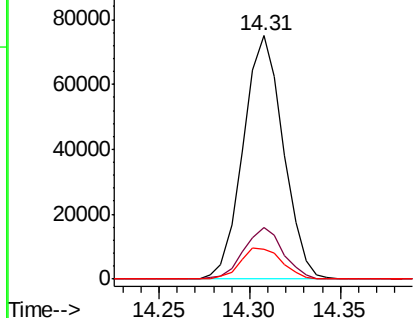


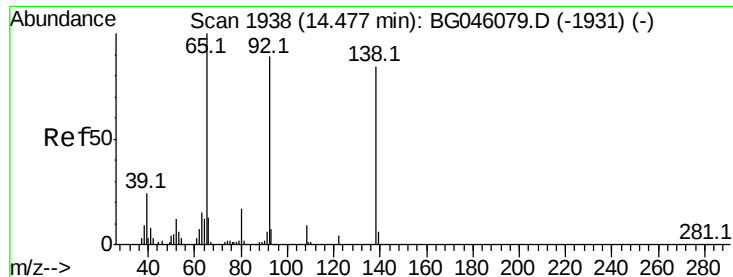
#48
Acenaphthylene
Concen: 3.977 ng/ul
RT: 14.31 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7
153	12.5	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





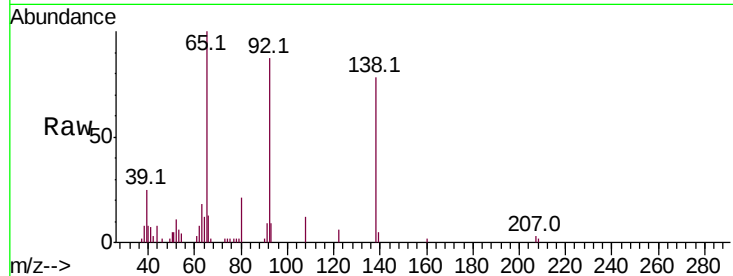
#49
3-Nitroaniline
Concen: 3.225 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.1	7.9	11.9#
92	111.4	89.9	134.9

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM

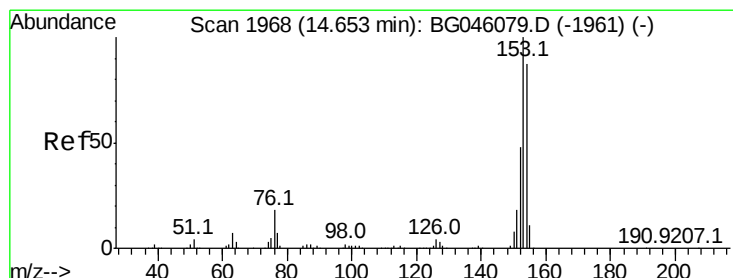
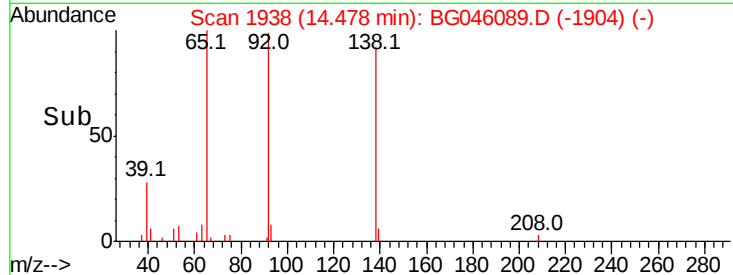
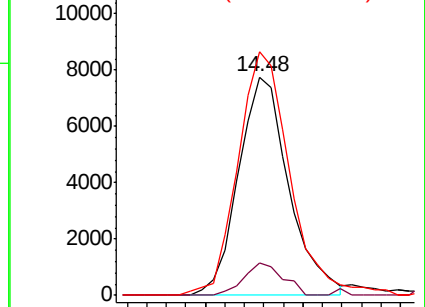


Abundance

Ion 138.00 (137.70 to 138.70): E

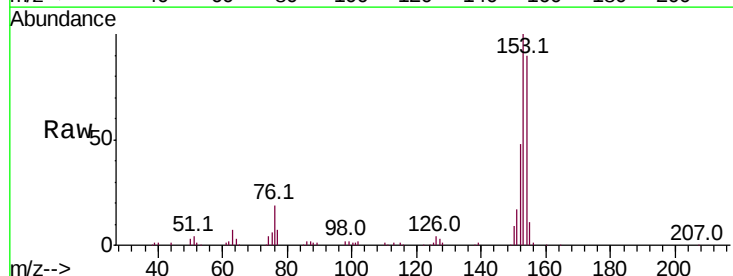
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#50
Acenaphthene
Concen: 3.939 ng/ul
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	39.0	58.4
154	90.4	70.7	106.1

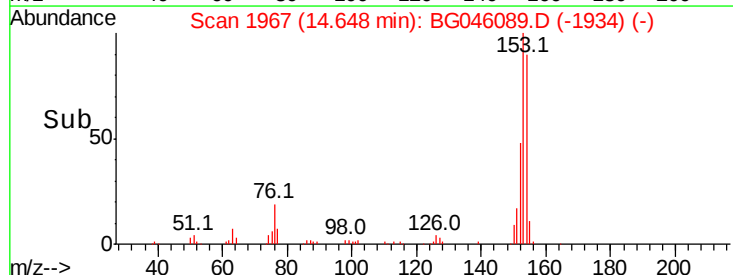
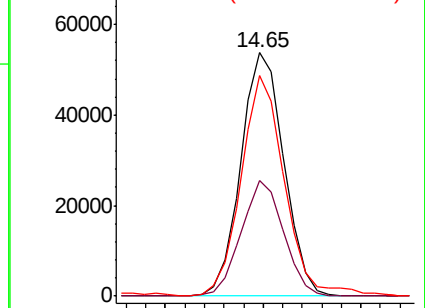


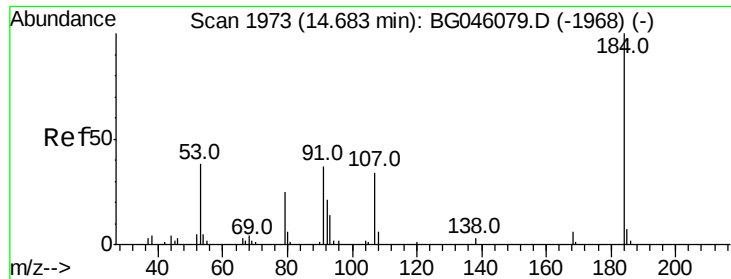
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 2.974 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:184 Resp: 6003

Ion Ratio Lower Upper

184 100

63 47.2 35.7 53.5

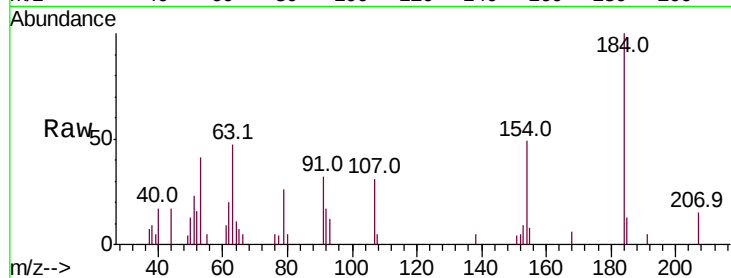
154 48.7 47.5 71.3

Manual Integrations

APPROVED

mohammad

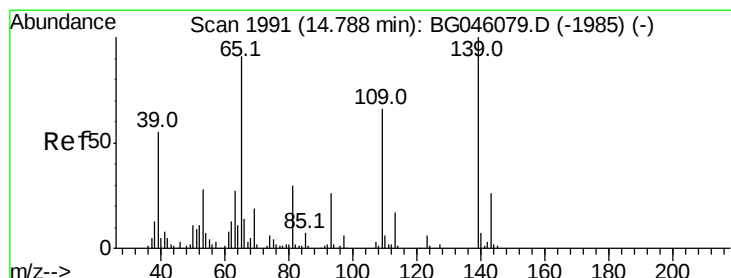
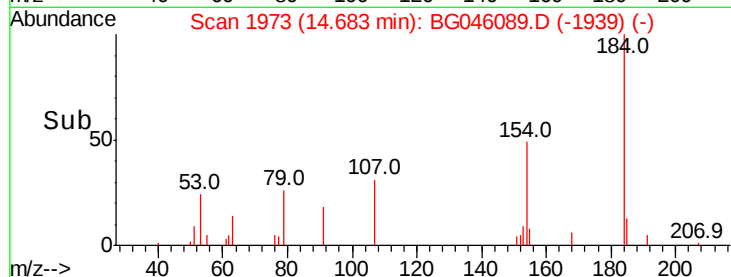
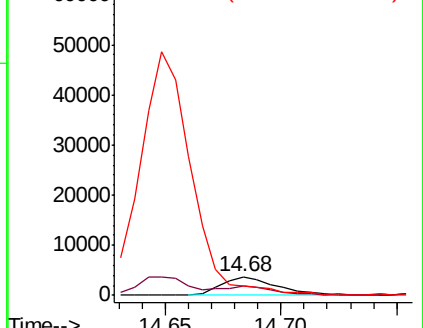
7/28/2020 11:42:50 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 3.581 ng/ul

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

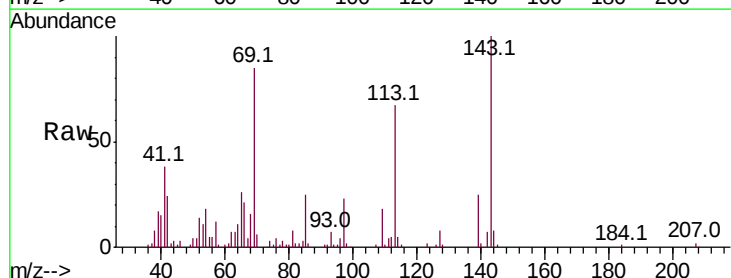
Tgt Ion:109 Resp: 10006

Ion Ratio Lower Upper

109 100

139 138.8 120.2 180.2

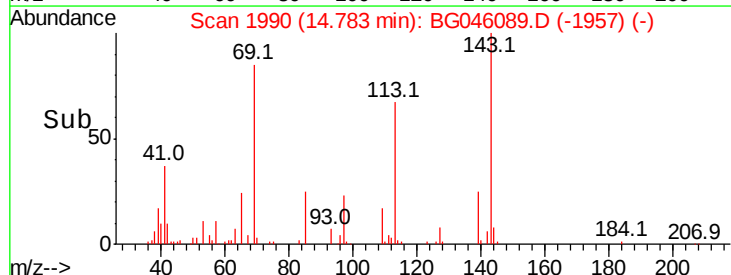
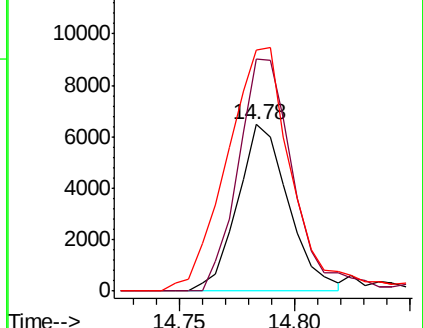
65 144.4 99.6 149.4

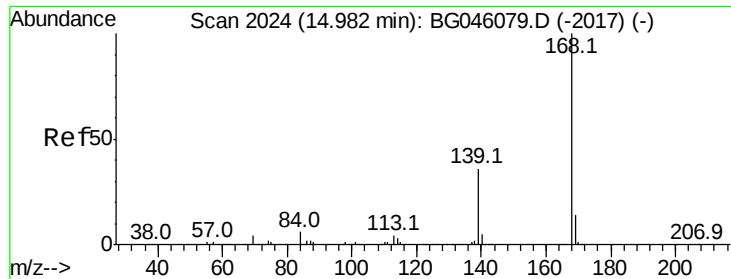


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





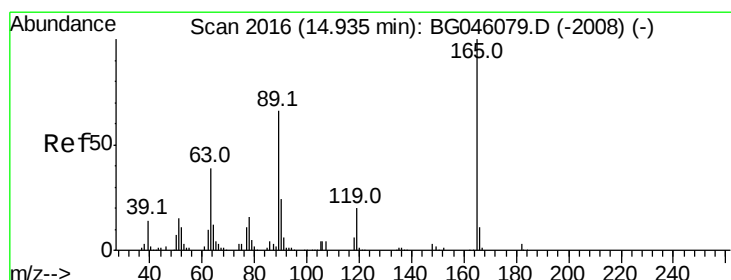
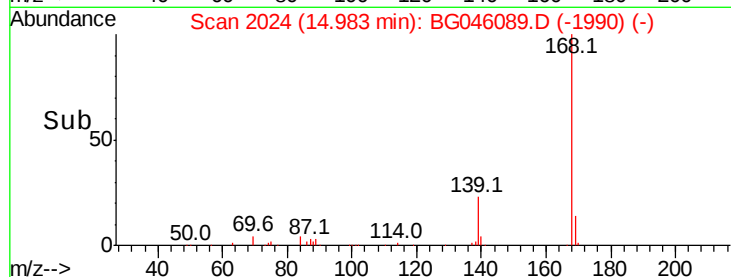
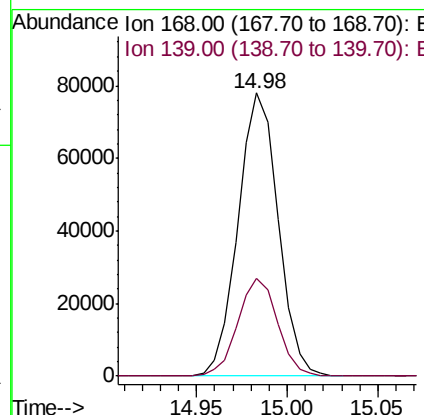
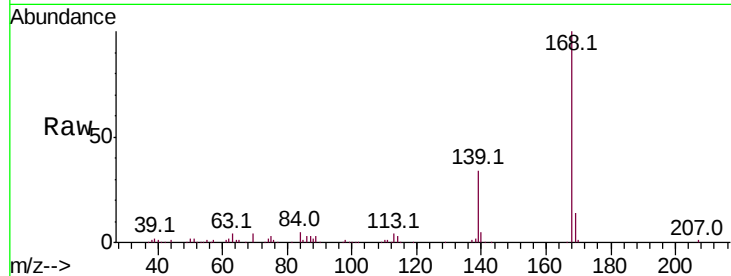
#54
Dibenzenofuran
Concen: 4.223 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.7	41.5

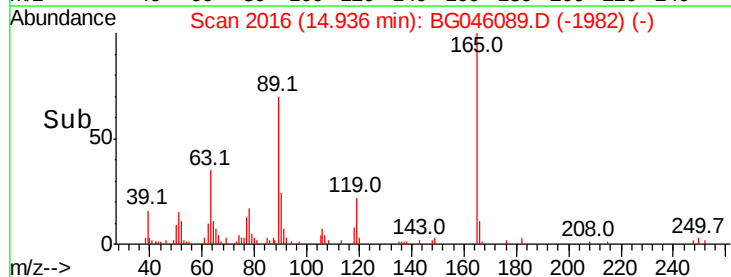
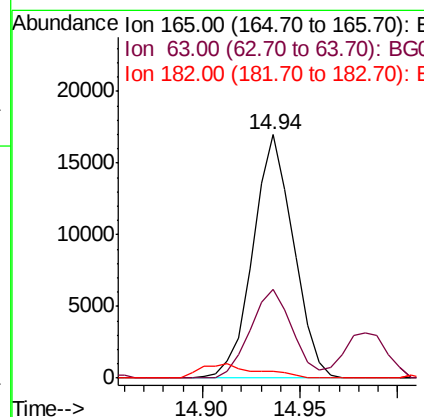
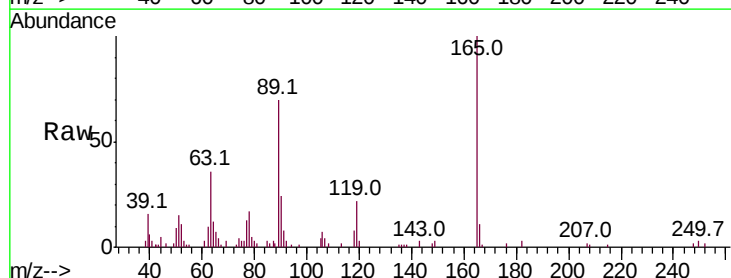
Manual Integrations
APPROVED

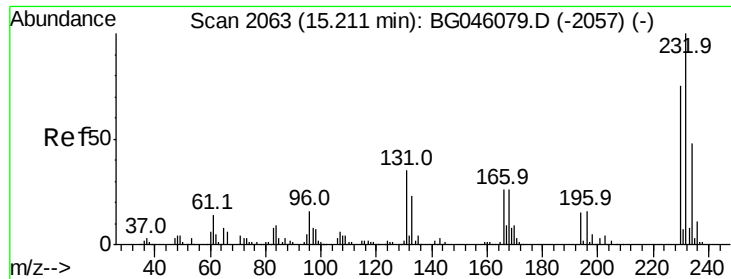
mohammad
7/28/2020 11:42:50 AM



#55
2,4-Dinitrotoluene
Concen: 3.763 ng/ul
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.4	29.4	44.0
182	2.7	2.4	3.6





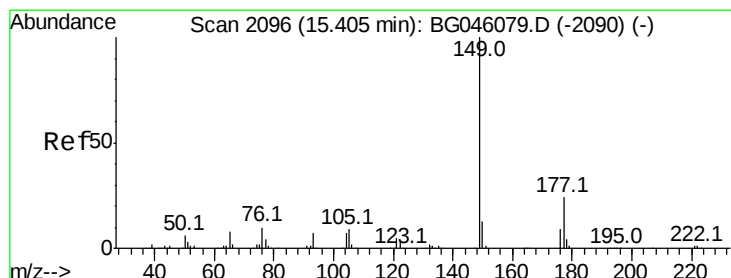
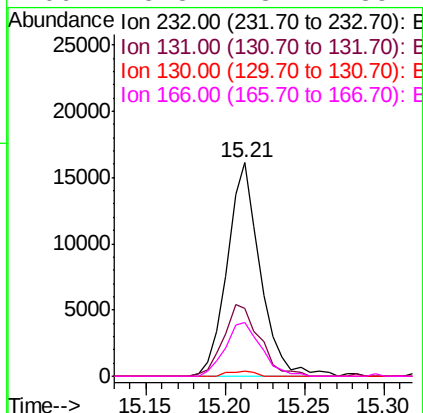
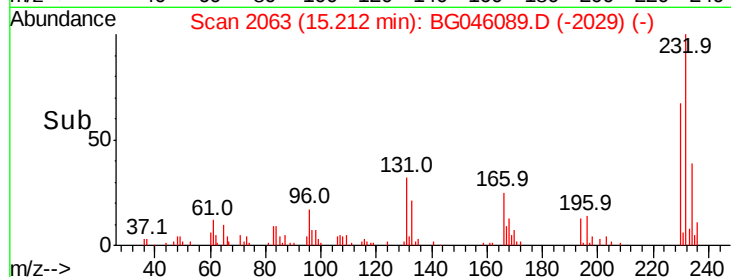
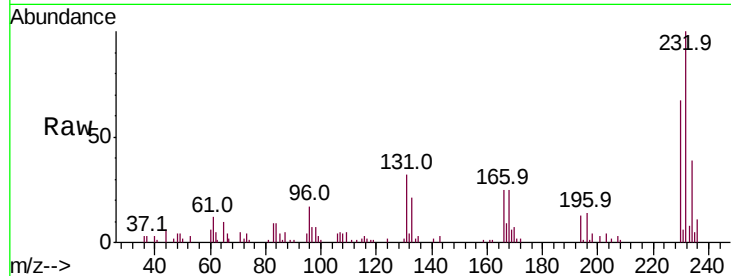
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.716 ng/ul
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.0	30.6	46.0
130	2.4	1.8	2.6
166	25.3	23.4	35.2

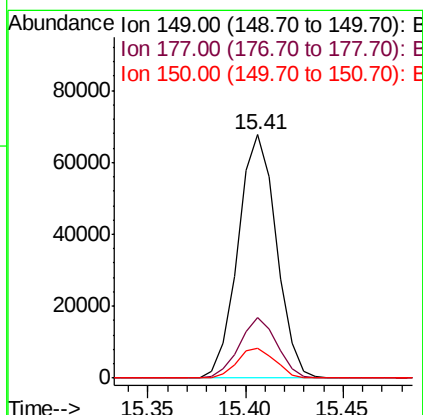
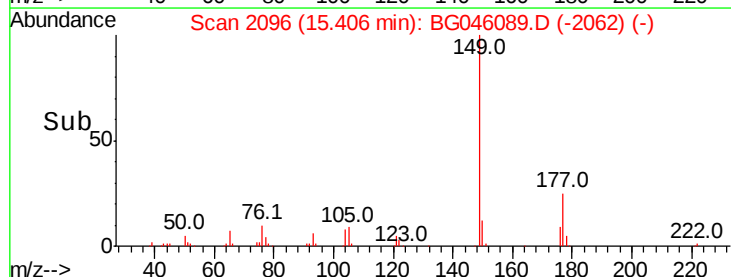
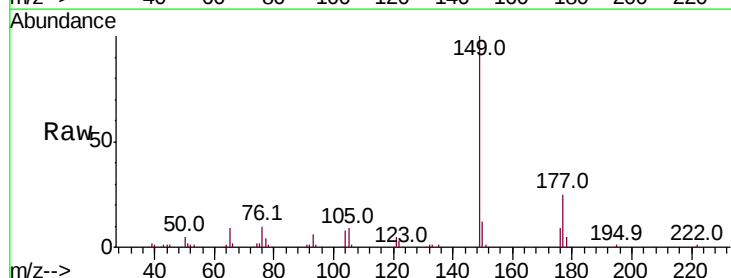
Manual Integrations
 APPROVED

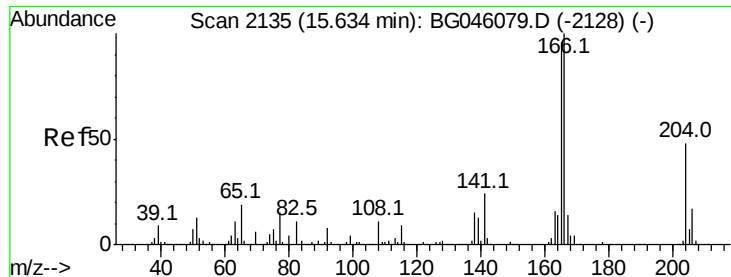
mohammad
 7/28/2020 11:42:50 AM



#57
 Diethylphthalate
 Concen: 3.906 ng/ul
 RT: 15.41 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.0	28.6
150	12.3	9.6	14.4





#59

Fluorene

Concen: 3.950 ng/ul

RT: 15.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:166 Resp: 95232

Ion Ratio Lower Upper

166 100

165 95.7 75.3 112.9

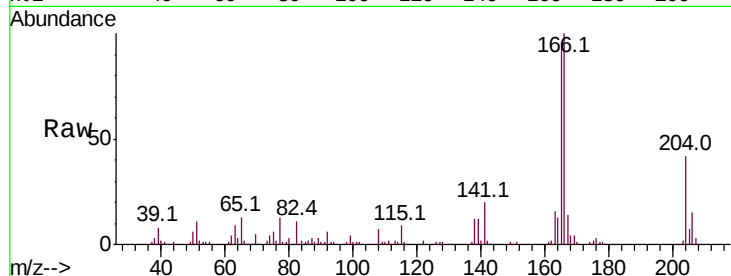
167 13.8 11.0 16.4

Manual Integrations

APPROVED

mohammad

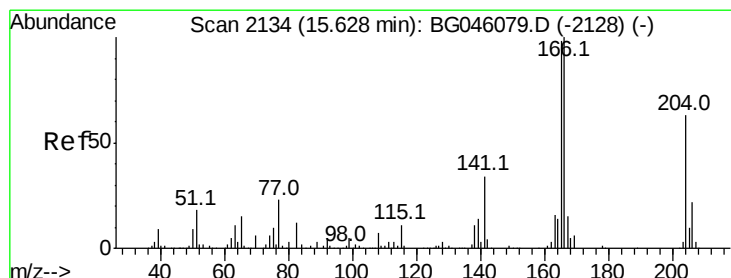
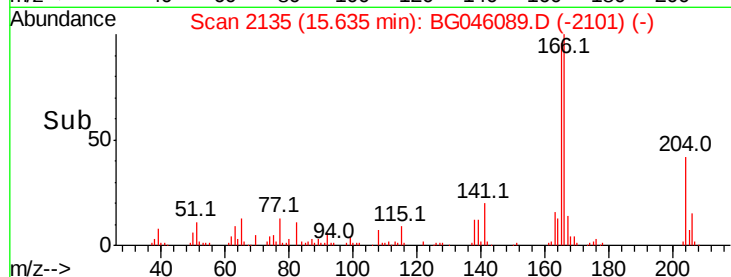
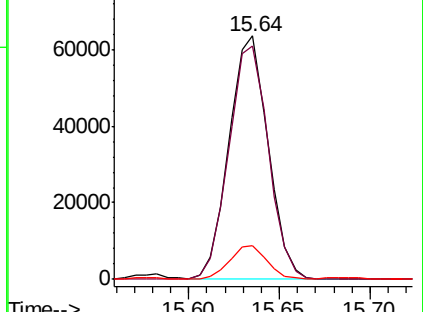
7/28/2020 11:42:50 AM



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



#60

4-Chlorophenyl-phenylether

Concen: 3.902 ng/ul

RT: 15.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

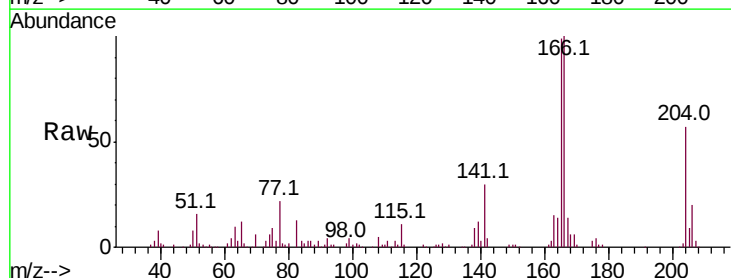
Tgt Ion:204 Resp: 49420

Ion Ratio Lower Upper

204 100

206 35.2 28.2 42.2

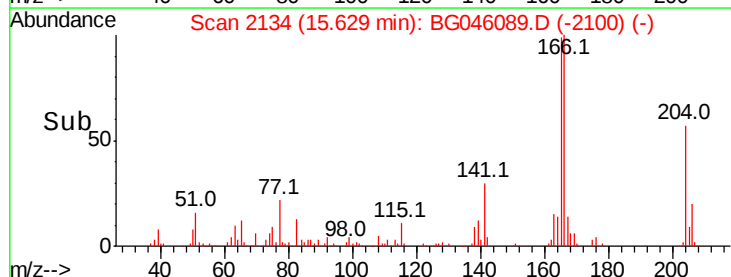
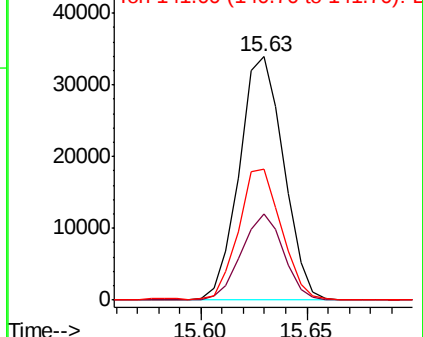
141 53.6 44.6 66.8

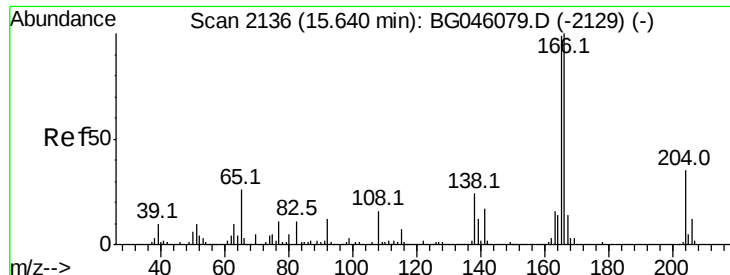


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





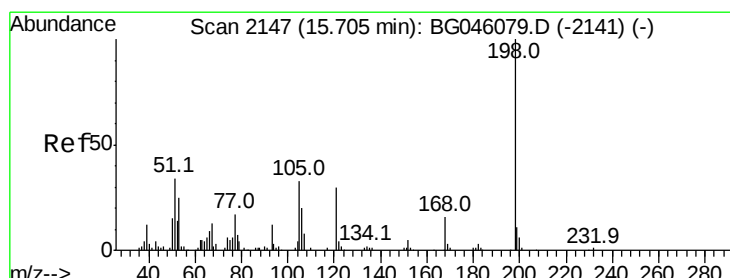
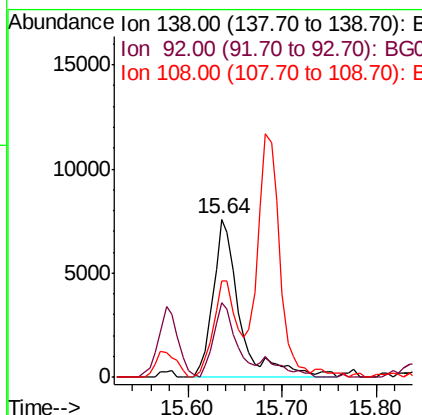
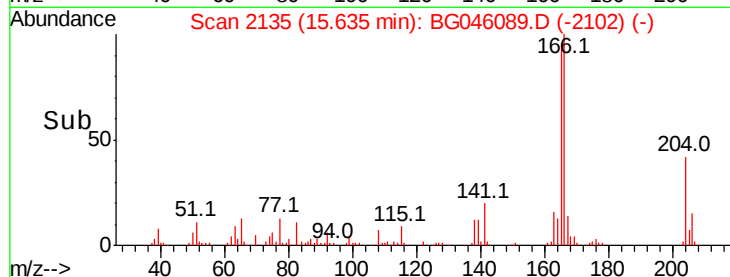
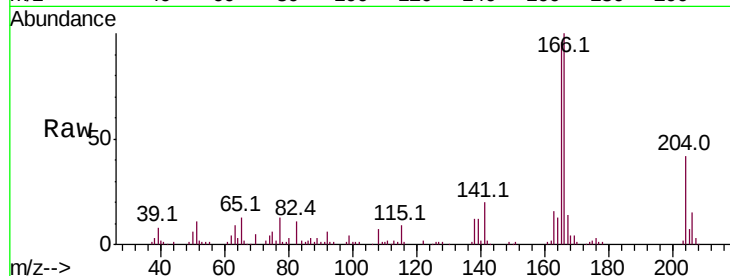
#61
4-Nitroaniline
Concen: 3.151 ng/ul m
RT: 15.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.0	40.0	60.0	
108	60.9	53.1	79.7	

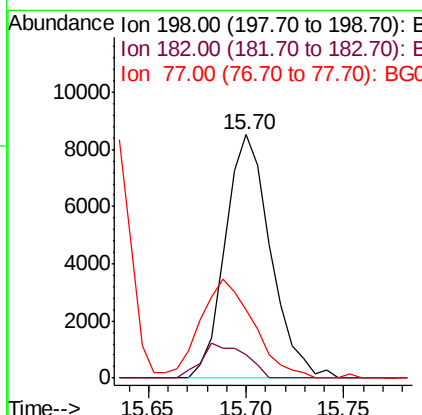
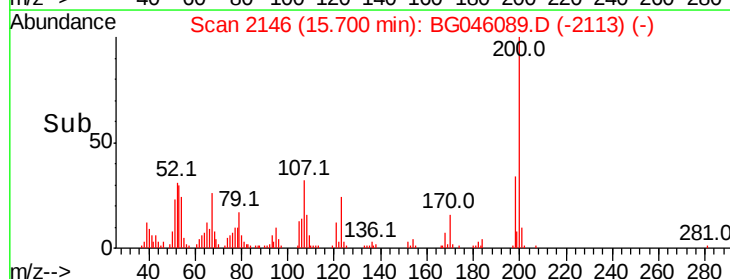
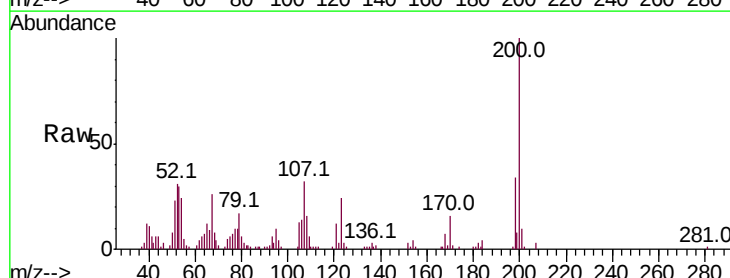
Manual Integrations
APPROVED

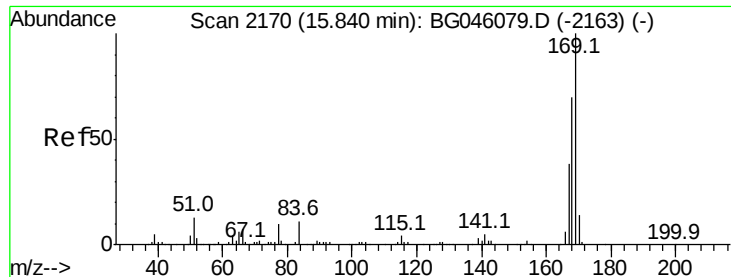
mohammad
7/28/2020 11:42:50 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 3.841 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
182	9.5	3.3	4.9#	
77	28.2	15.4	23.0#	





#65

N-Nitrosodiphenylamine

Concen: 4.301 ng/ul

RT: 15.84 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

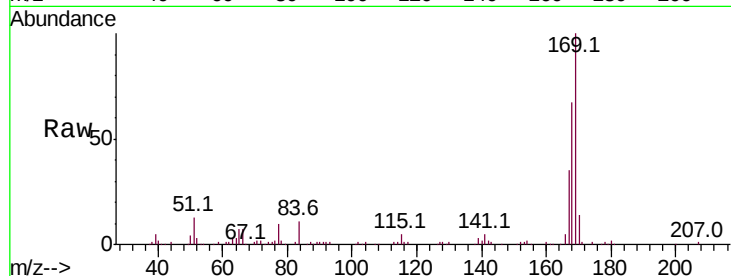
ClientSampleId :

MDL-ME-SOIL-04

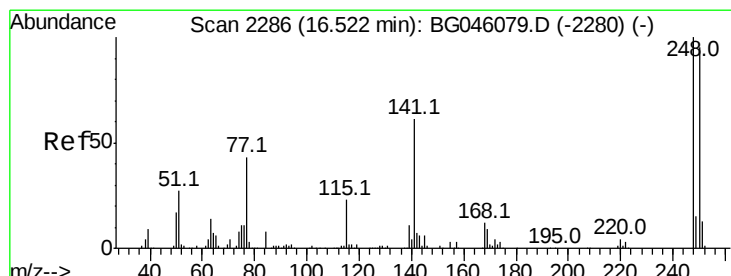
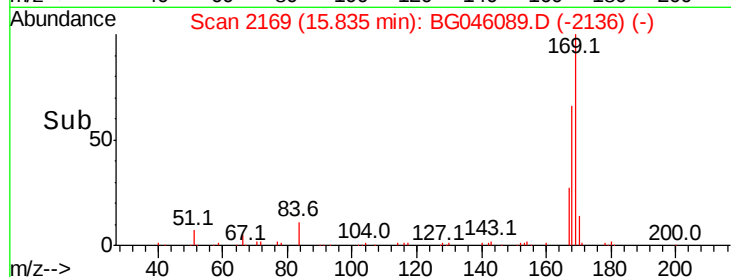
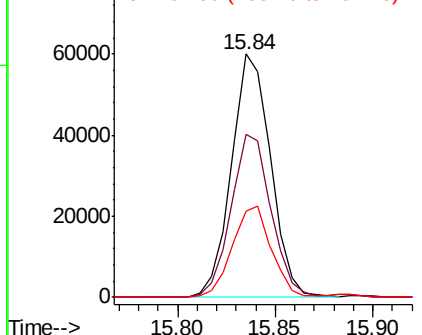
Tot Ion:	169	Resp:	83616
Ion Ratio	Lower	Upper	
169	100		
168	66.9	55.8	83.8
167	35.3	30.1	45.1

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



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: 4.077 ng/ul

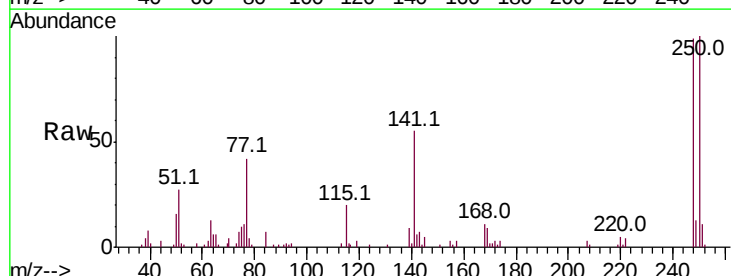
RT: 16.52 min Scan# 2286

Delta R.T. 0.00 min

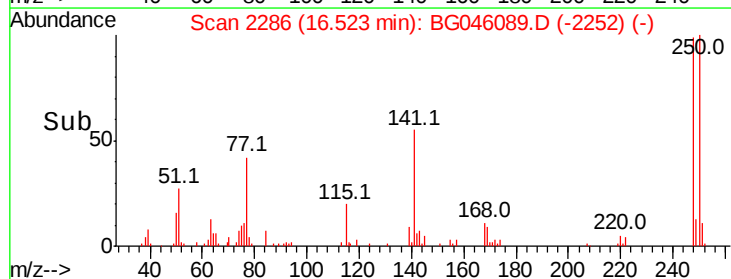
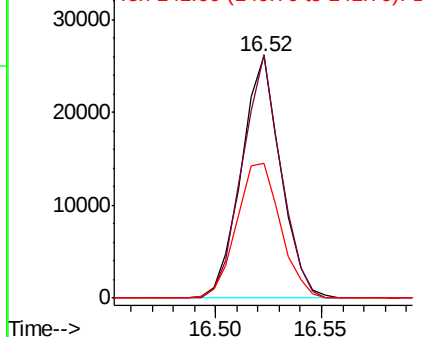
Lab File: BG046089.D

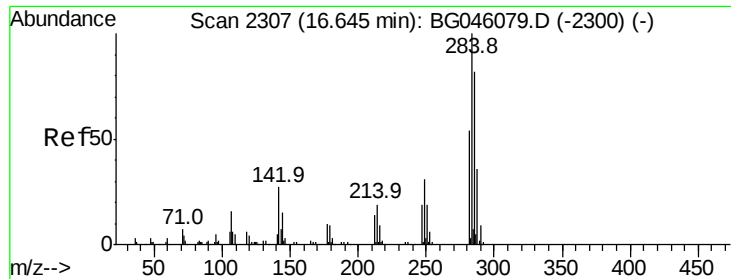
Acq: 27 Jul 2020 15:38

Tgt Ion:	248	Resp:	33874
Ion Ratio	Lower	Upper	
248	100		
250	100.7	73.2	109.8
141	55.9	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





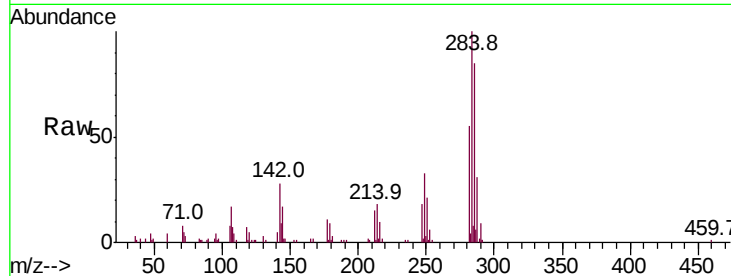
#67
Hexachlorobenzene
Concen: 4.161 ng/ul
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.8	32.6
249	32.9	24.8	37.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM

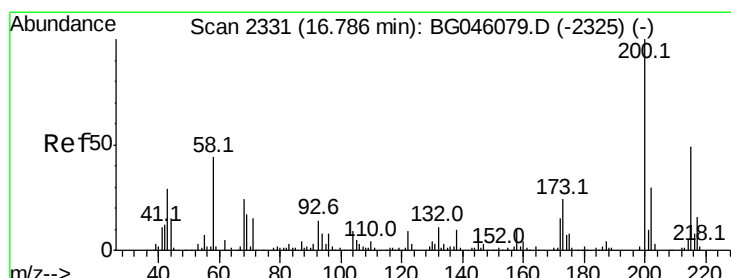
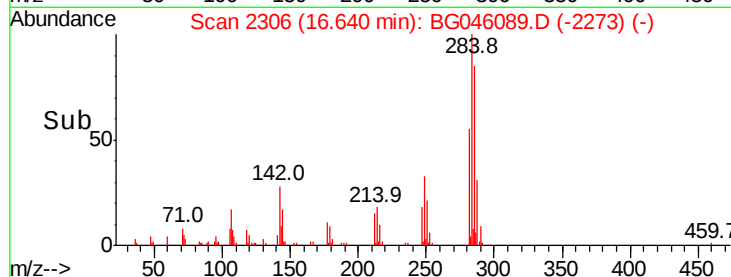
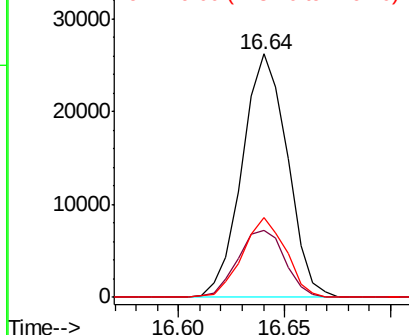


Abundance

Ion 284.00 (283.70 to 284.70): E

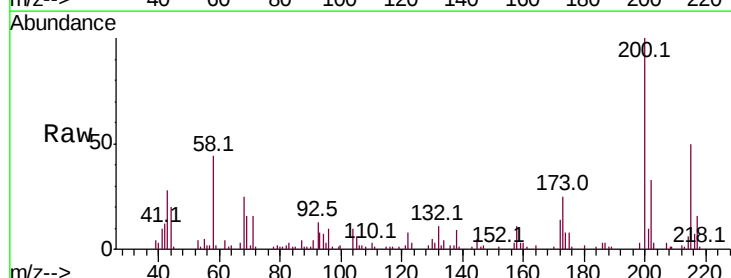
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 3.941 ng/ul
RT: 16.79 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	19.0	28.6
215	49.6	42.6	63.8

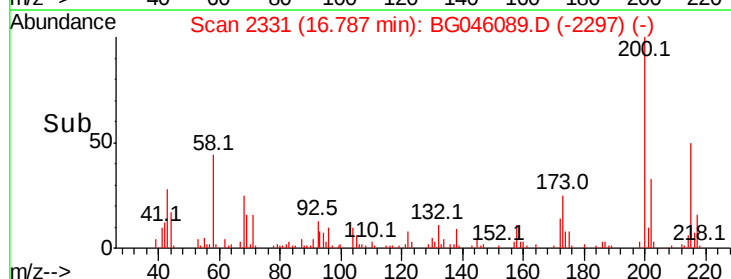
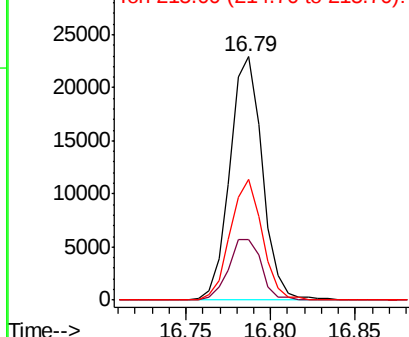


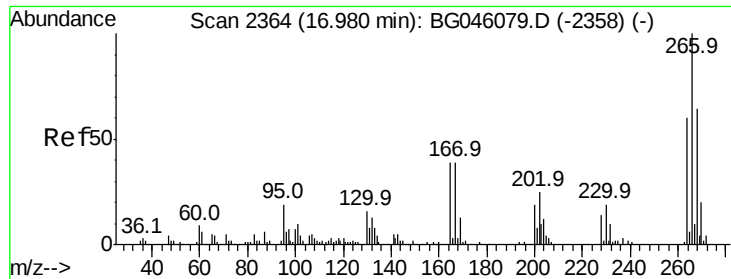
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





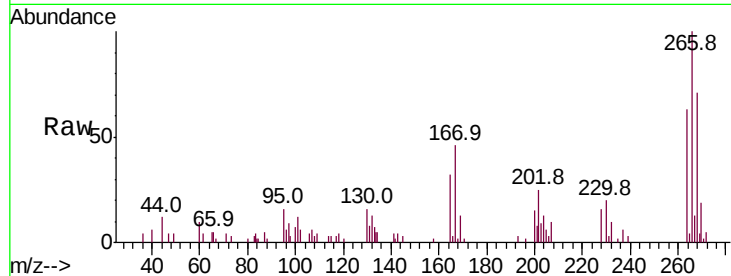
#69
 Pentachlorophenol
 Concen: 3.148 ng/ul m
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

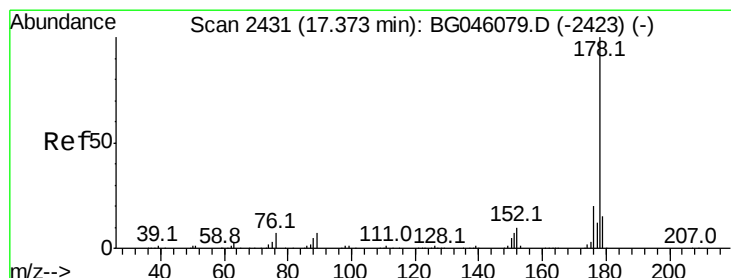
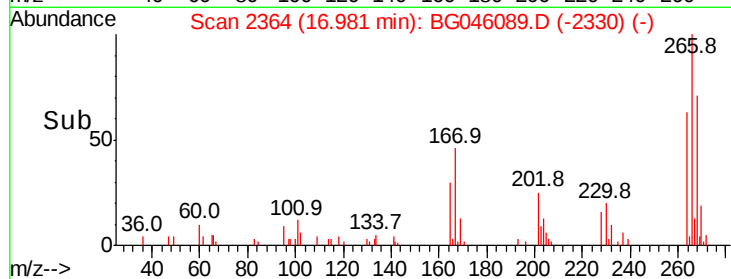
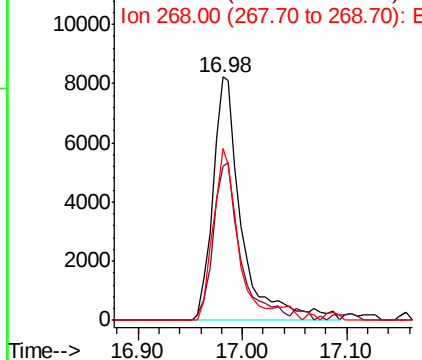
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.3	76.9
268	70.7	53.8	80.6

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM

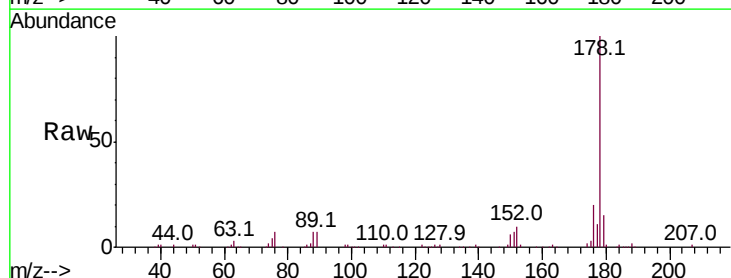


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

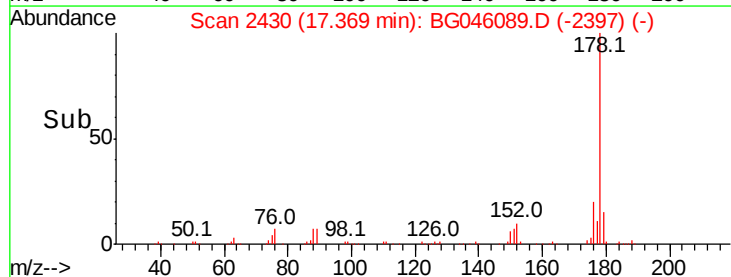
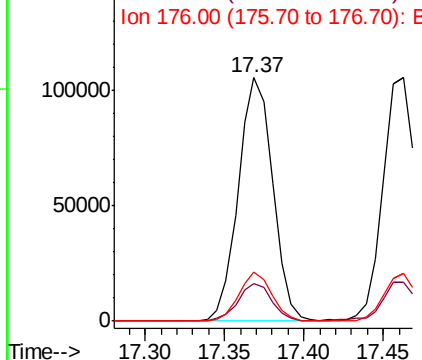


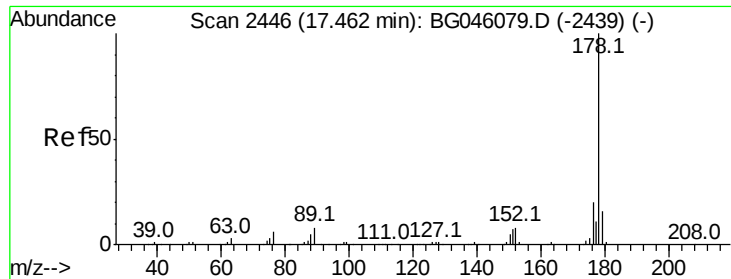
#70
 Phenanthrene
 Concen: 4.266 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.6
176	20.0	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: 4.164 ng/uL

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

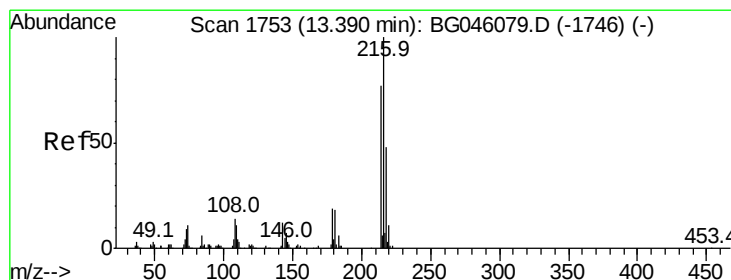
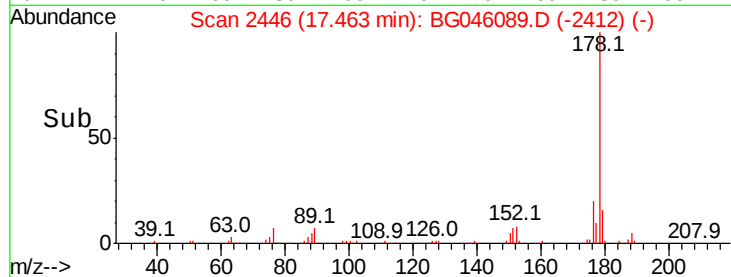
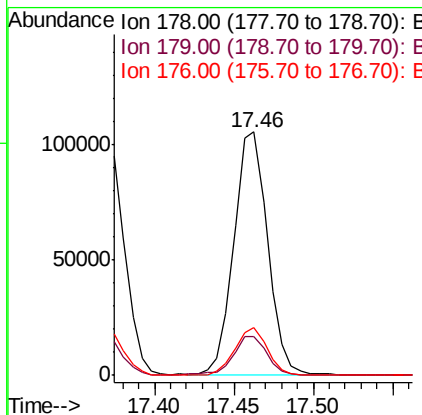
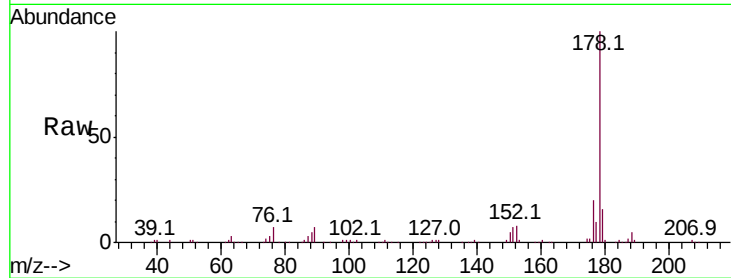
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	178	Resp:	154822
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.7	19.1
176	19.5	15.8	23.8

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.549 ng/uL

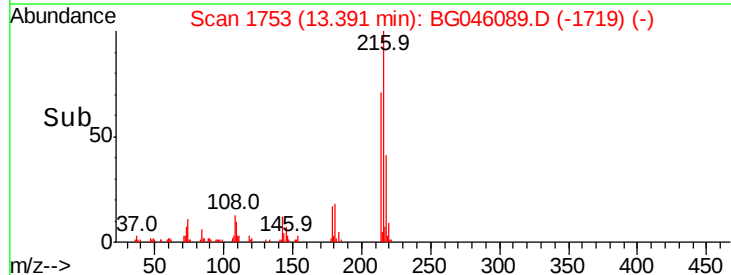
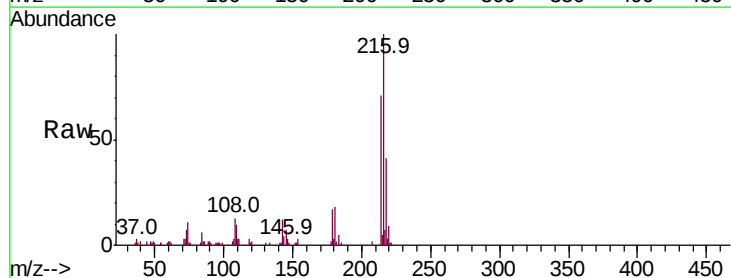
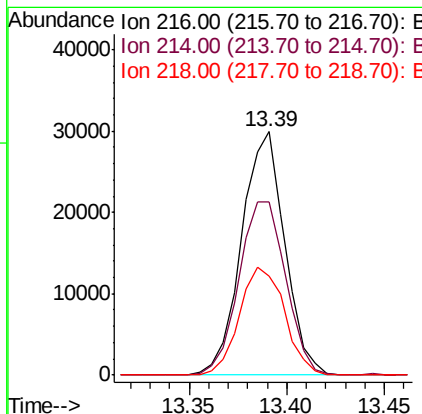
RT: 13.39 min Scan# 1753

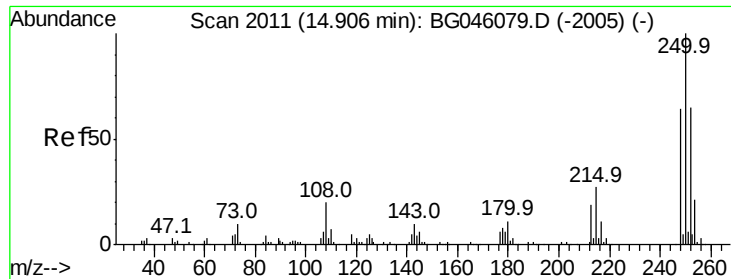
Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:	216	Resp:	45675
Ion Ratio	Lower	Upper	
216	100		
214	71.2	62.9	94.3
218	40.6	40.2	60.2





#74

Pentachlorobenzene

Concen: 4.329 ng/uL

RT: 14.91 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

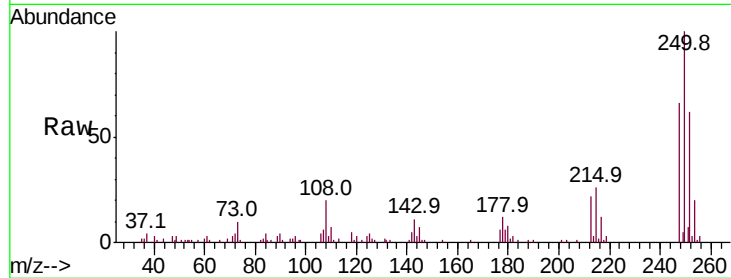
ClientSampleId :

MDL-ME-SOIL-04

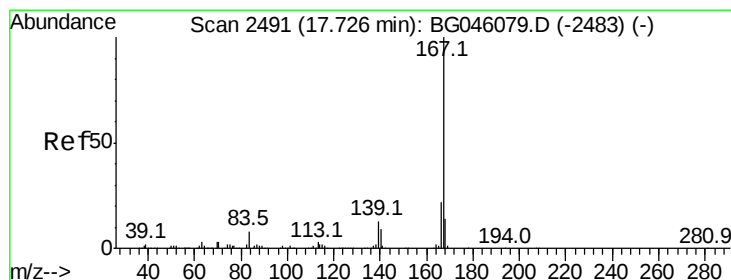
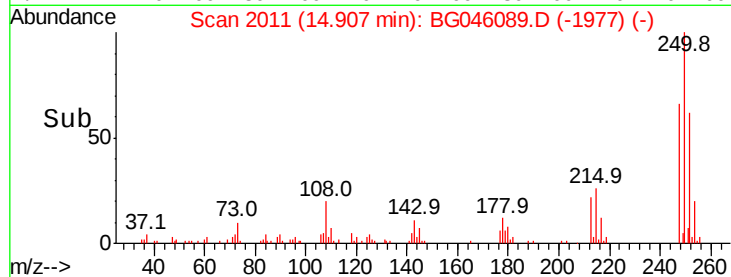
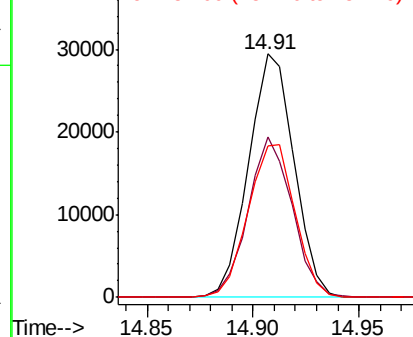
Tot Ion:	250	Resp:	43892
Ion Ratio	Lower	Upper	
250	100		
248	65.7	49.1	73.7
252	65.7	51.4	77.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



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: 4.515 ng/uL

RT: 17.73 min Scan# 2491

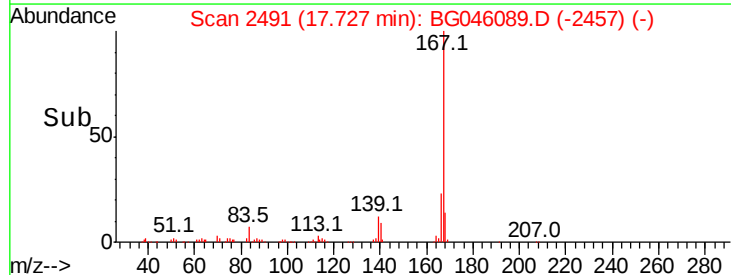
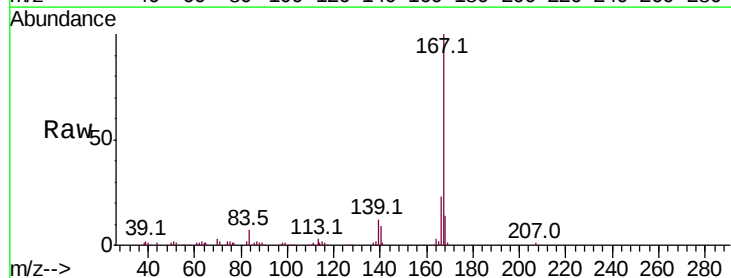
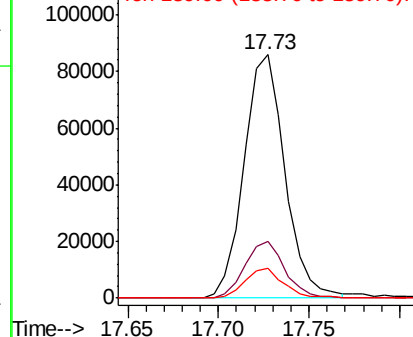
Delta R.T. 0.00 min

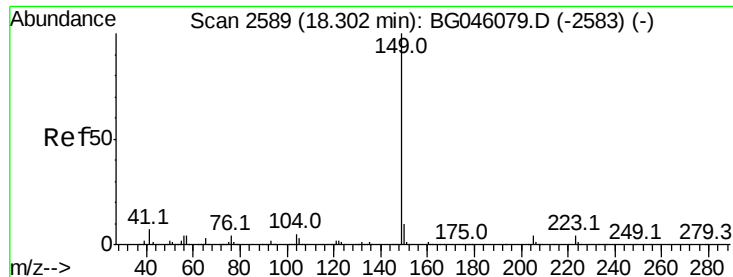
Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:	167	Resp:	134723
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.8	28.2
139	12.1	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





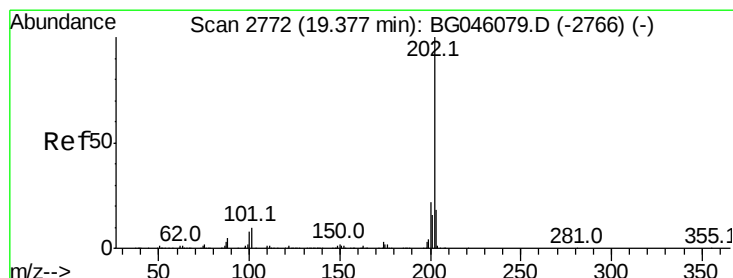
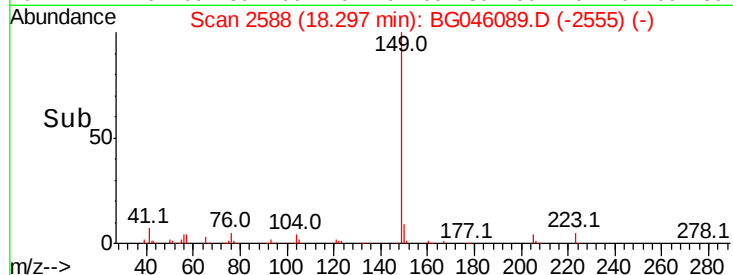
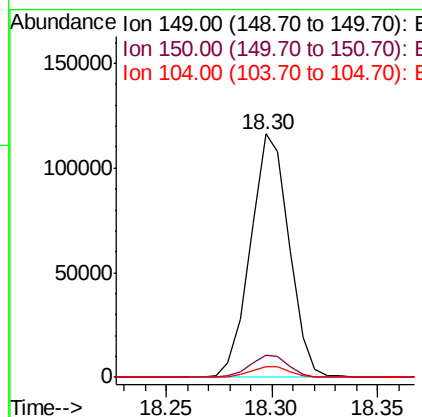
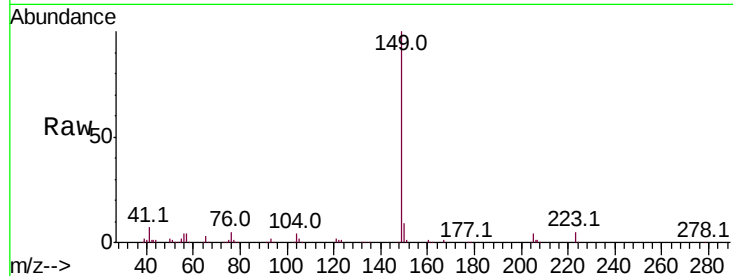
#76
Di-n-butylphthalate
Concen: 4.022 ng/ul
RT: 18.30 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
149	100	147657		
150	9.3	7.7	11.5	
104	4.5	4.1	6.1	

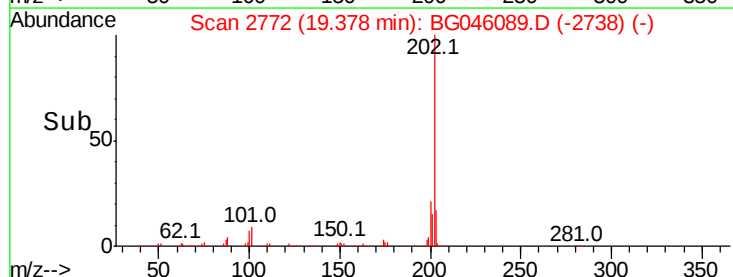
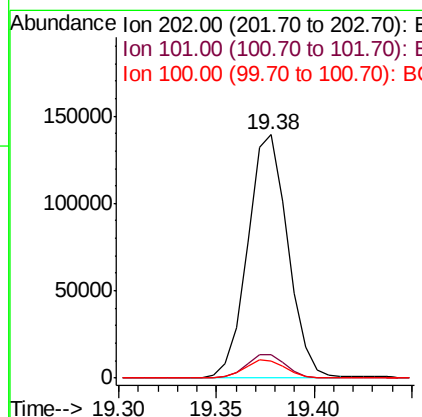
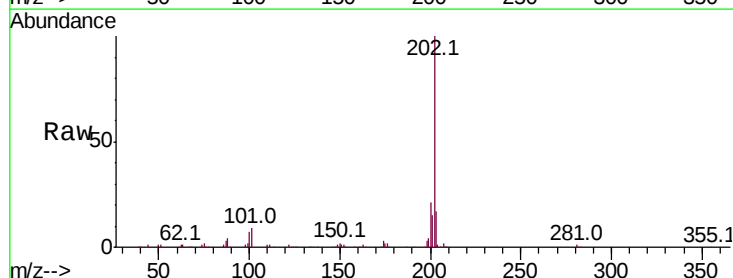
Manual Integrations
APPROVED

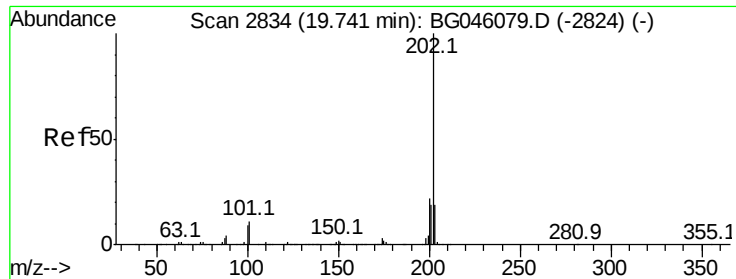
mohammad
7/28/2020 11:42:50 AM



#77
Fluoranthene
Concen: 4.842 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	198208		
101	9.4	7.8	11.6	
100	6.8	6.5	9.7	





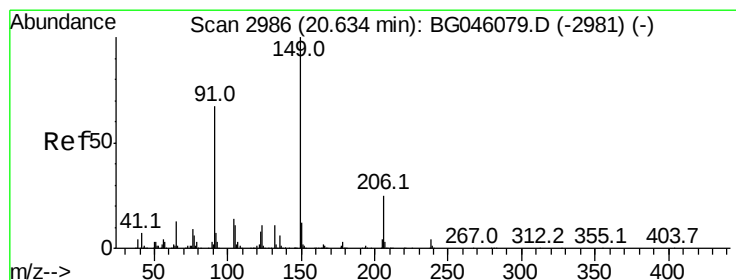
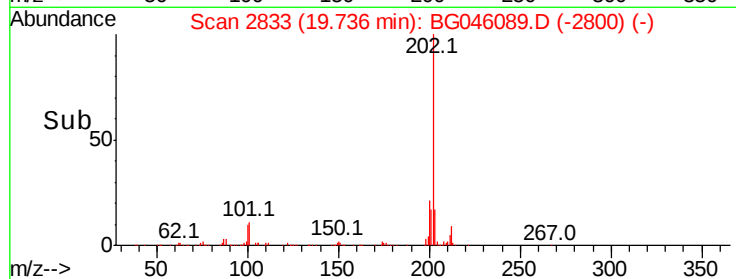
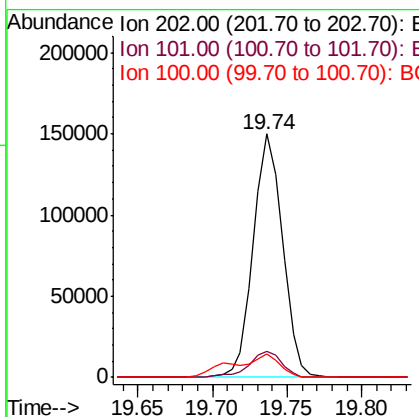
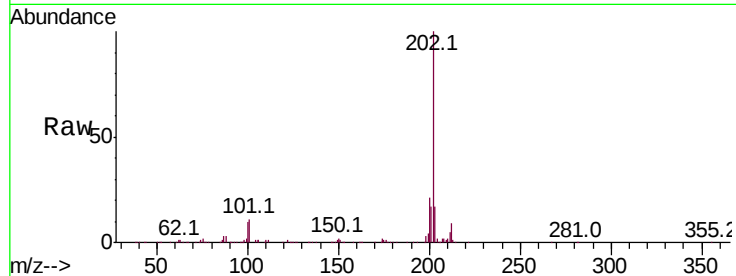
#80
Pvrene
Concen: 4.416 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	9.0	13.4
100	9.7	7.6	11.4

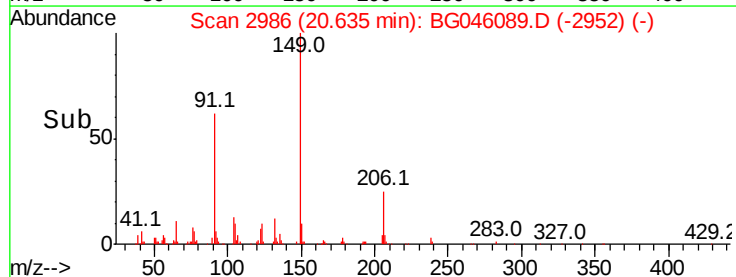
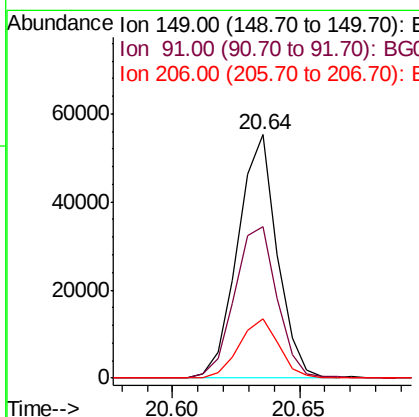
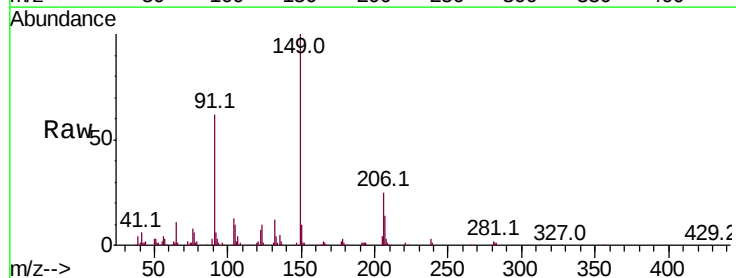
Manual Integrations
APPROVED

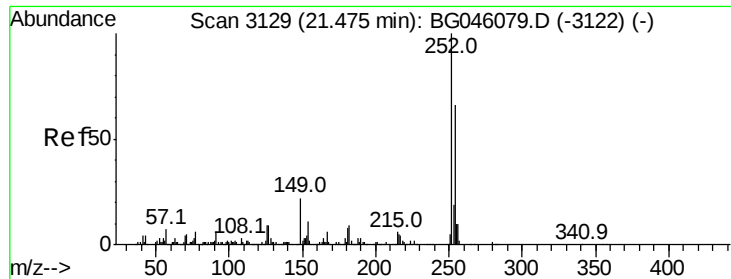
mohammad
7/28/2020 11:42:50 AM



#81
Butylbenzylphthalate
Concen: 3.805 ng/ul
RT: 20.64 min Scan# 2986
Delta R.T. 0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.2	55.1	82.7
206	24.6	19.8	29.8





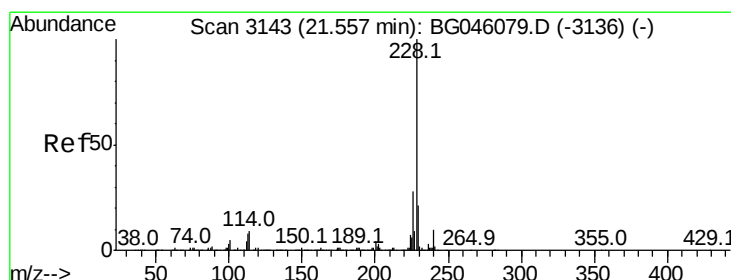
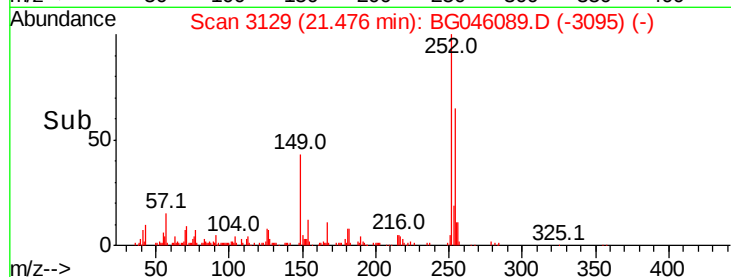
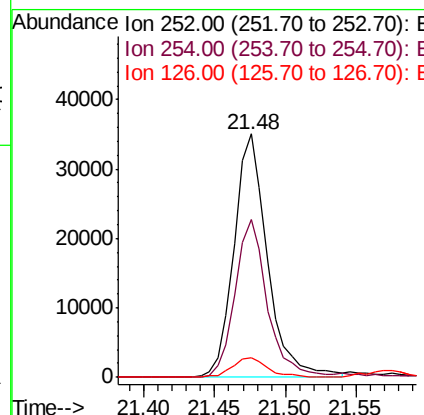
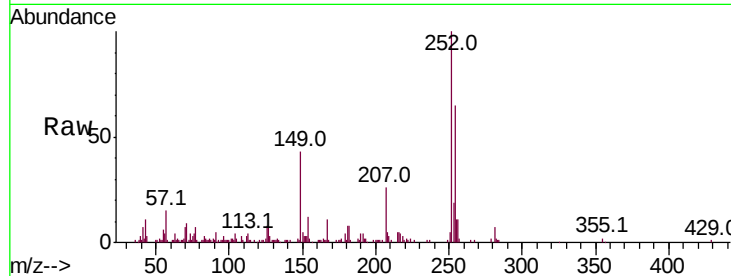
#82
 3,3'-Dichlorobenzidine
 Concen: 3.976 ng/ul
 RT: 21.48 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	8.3	7.0	10.4

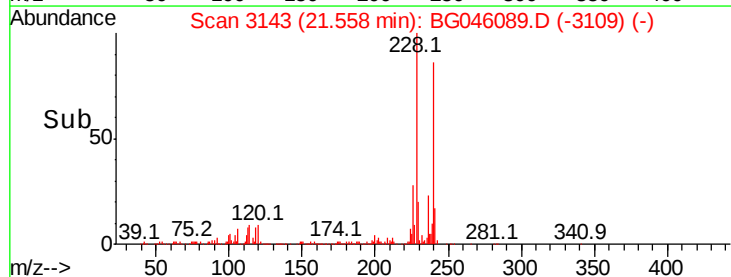
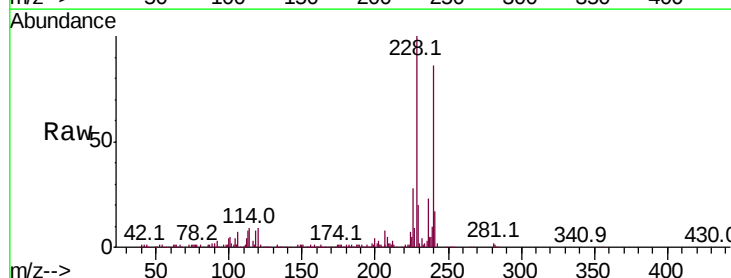
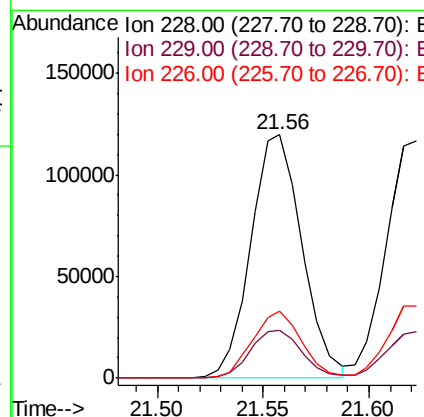
Manual Integrations
 APPROVED

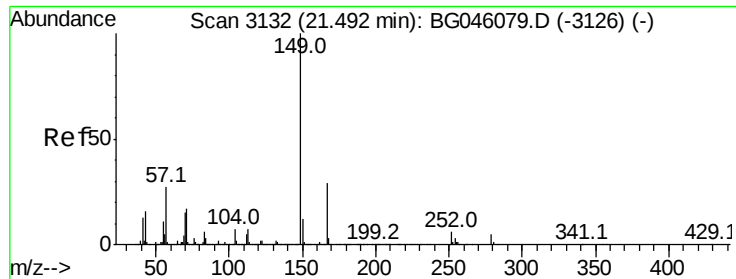
mohammad
 7/28/2020 11:42:50 AM



#83
 Benzo(a)anthracene
 Concen: 4.499 ng/ul
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.4
226	27.7	22.6	33.8





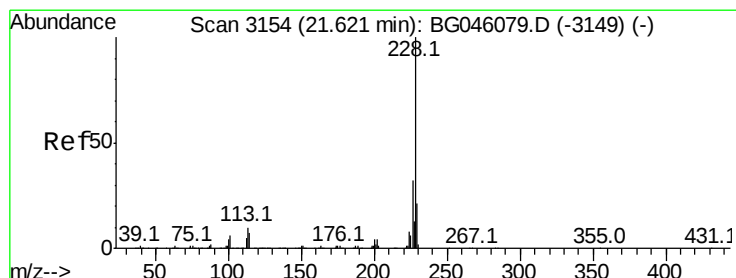
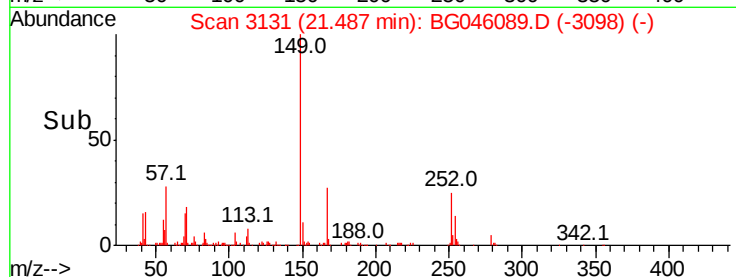
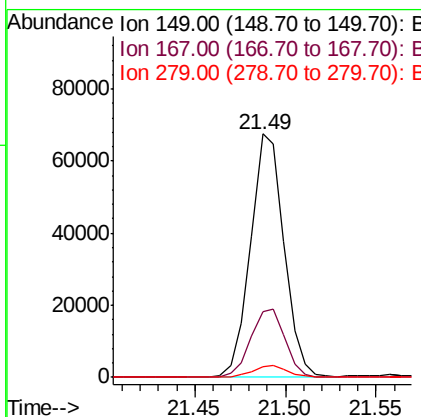
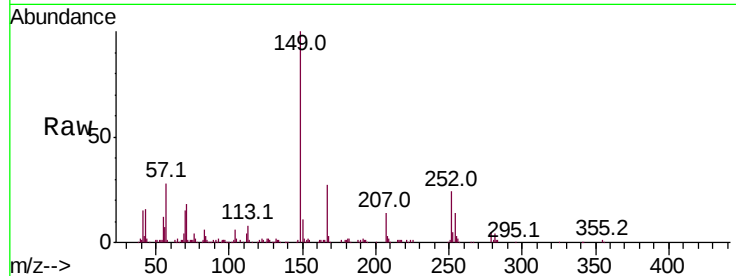
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.795 ng/ul
 RT: 21.49 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.6	37.0
279	4.6	4.1	6.1

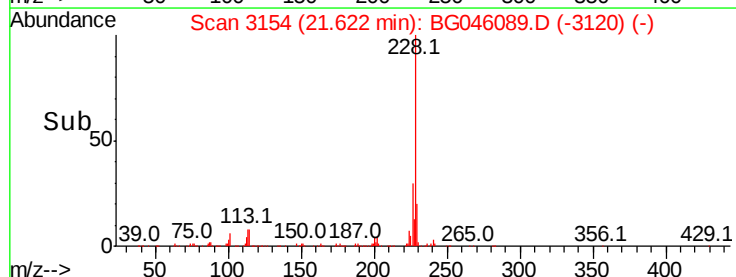
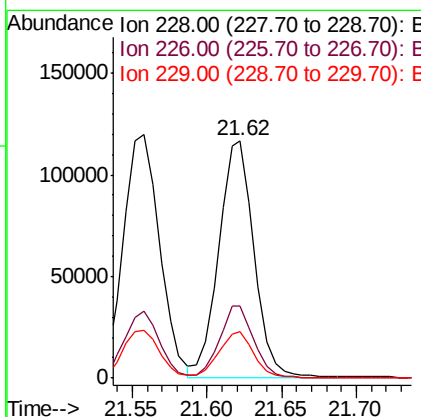
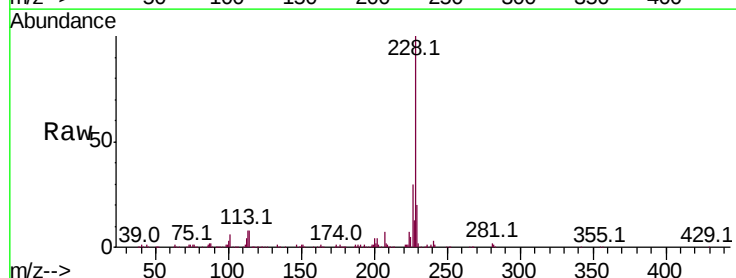
Manual Integrations
 APPROVED

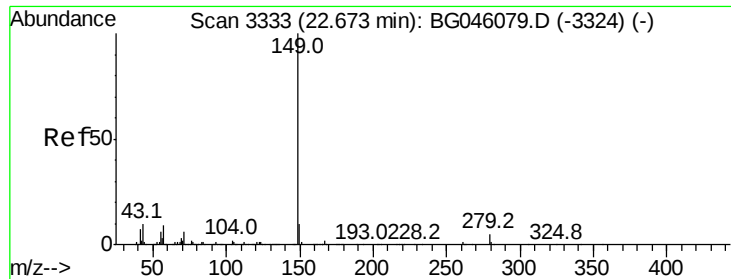
mohammad
 7/28/2020 11:42:50 AM



#85
 Chrysene
 Concen: 4.446 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	19.5	16.9	25.3





#87

Di-n-octyl phthalate

Concen: 3.617 ng/ul

RT: 22.67 min Scan# 3332

Delta R.T. -0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Instrument :

BNA_G

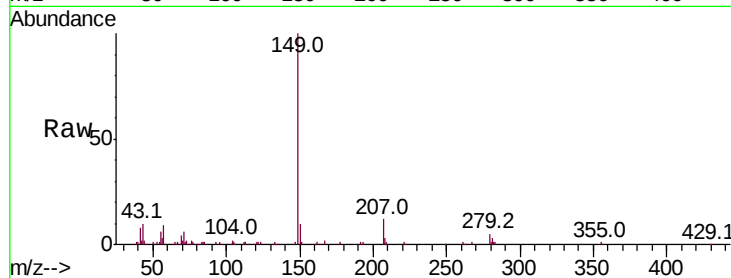
ClientSampleId :

MDL-ME-SOIL-04

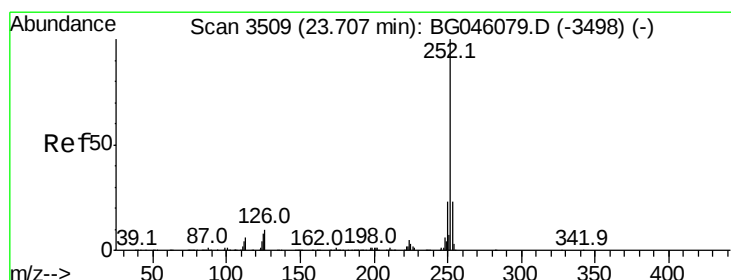
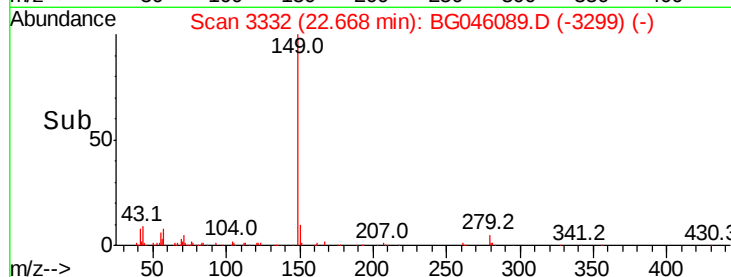
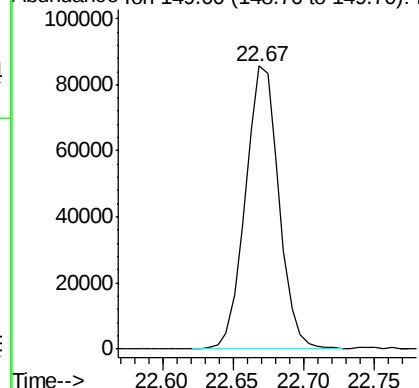
Tgt Ion:149 Resp: 142545

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.919 ng/ul

RT: 23.70 min Scan# 3508

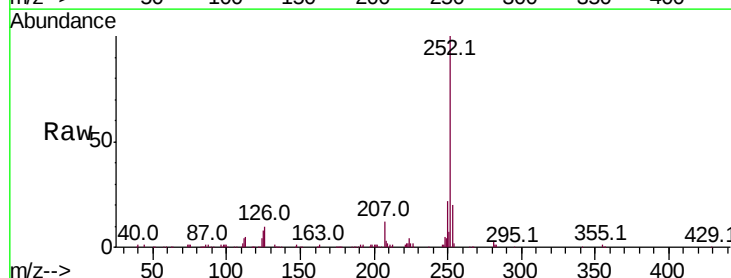
Delta R.T. -0.00 min

Lab File: BG046089.D

Acq: 27 Jul 2020 15:38

Tgt Ion:252 Resp: 199685

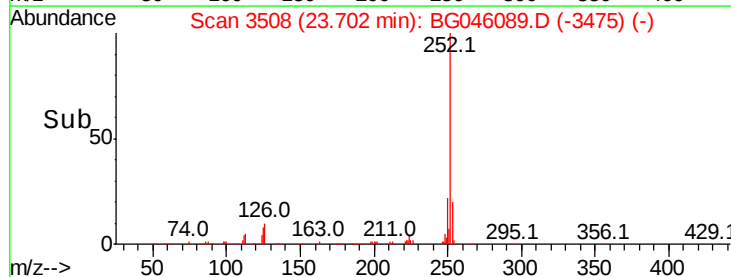
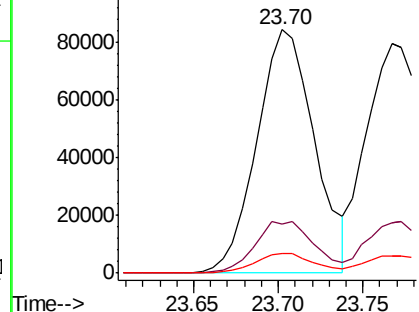
Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.0	27.0
125	8.2	6.3	9.5

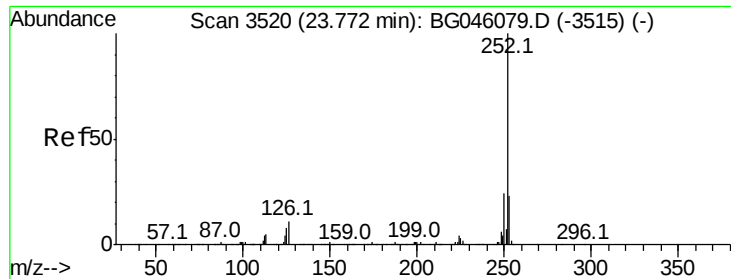


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





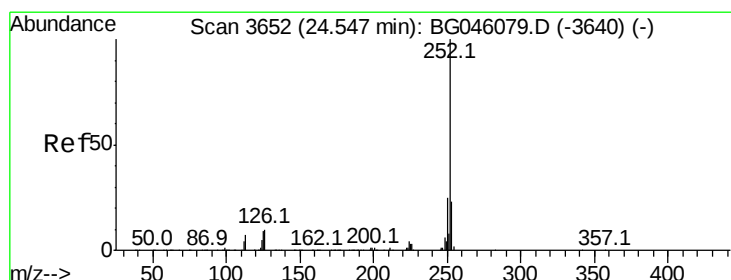
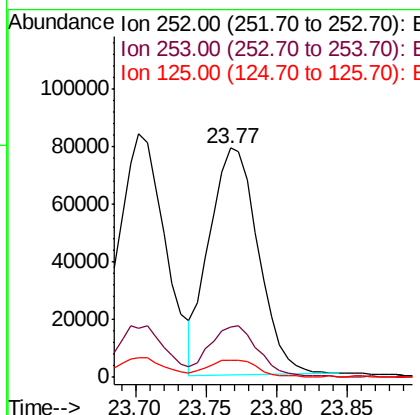
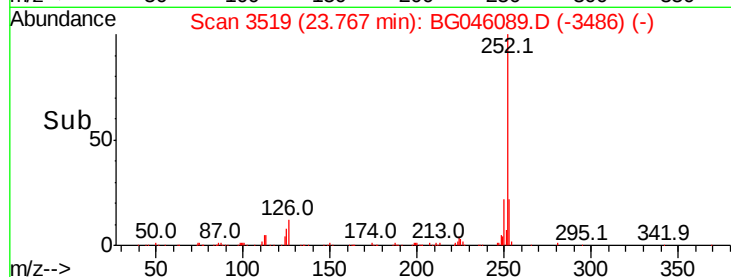
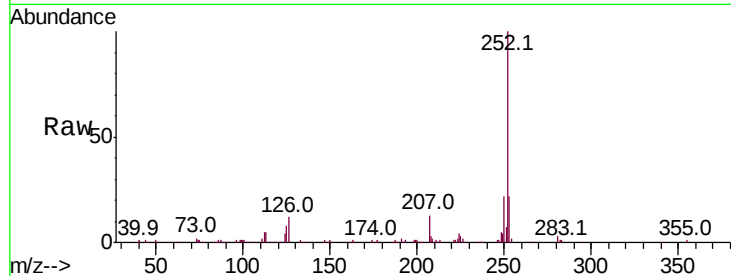
#89
Benzo(k)fluoranthene
Concen: 3.812 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.8	28.2
125	7.6	6.7	10.1

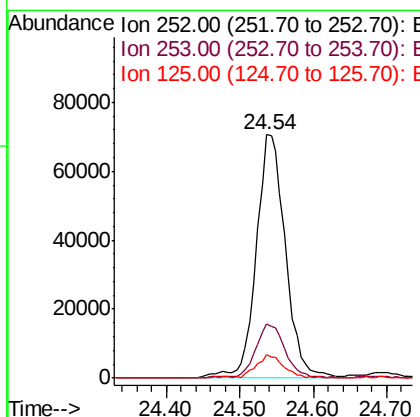
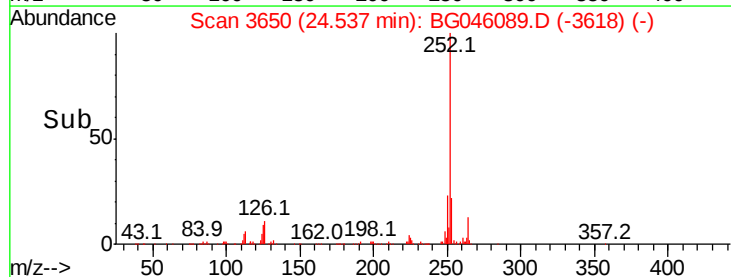
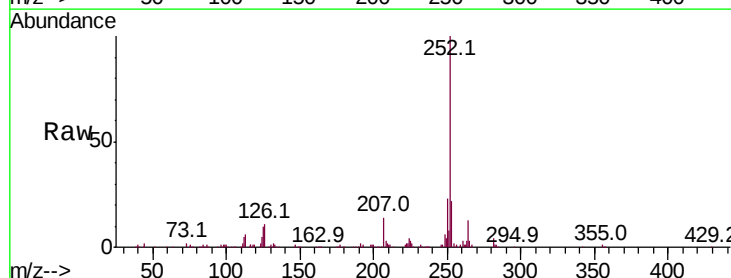
Manual Integrations
APPROVED

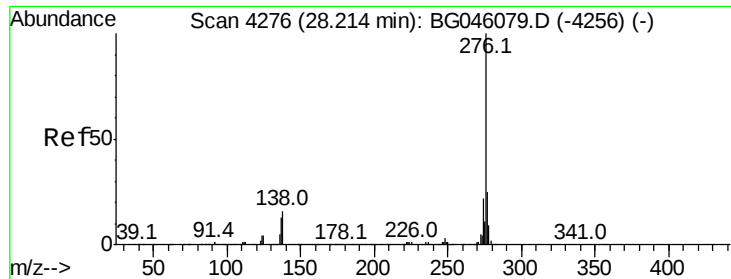
mohammad
7/28/2020 11:42:50 AM



#91
Benzo(a)pyrene
Concen: 4.161 ng/ul m
RT: 24.54 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG046089.D
Acq: 27 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.7	7.4	11.2





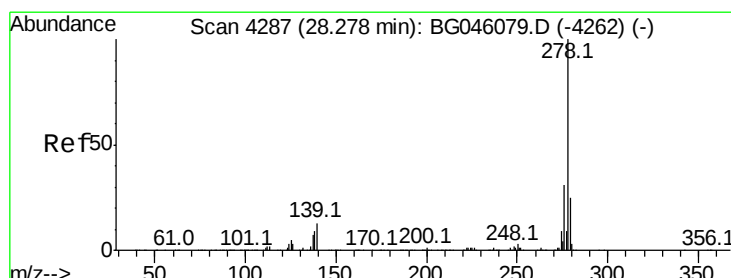
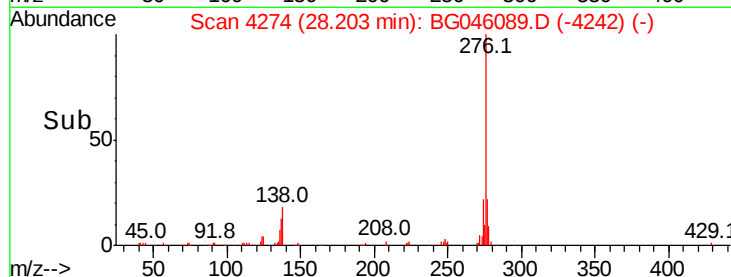
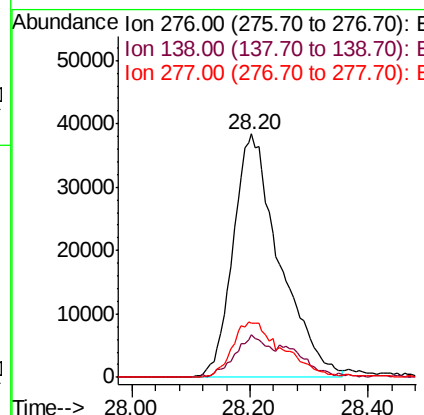
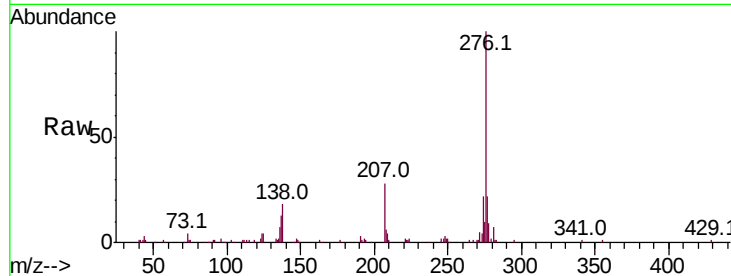
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.597 ng/ul
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.01 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:276	Resp:	209895
Ion Ratio	Lower	Upper
276 100		
138 17.5	12.6	18.8
277 22.5	18.5	27.7

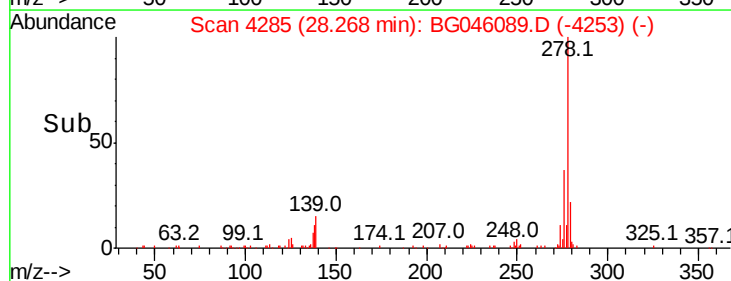
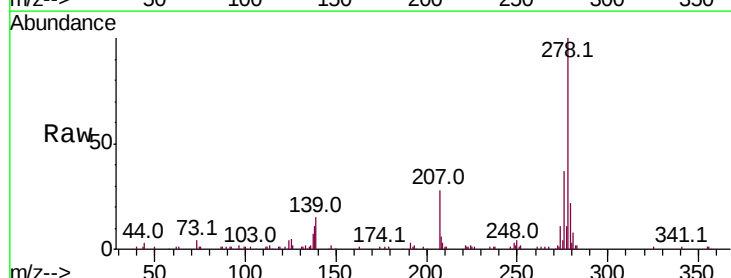
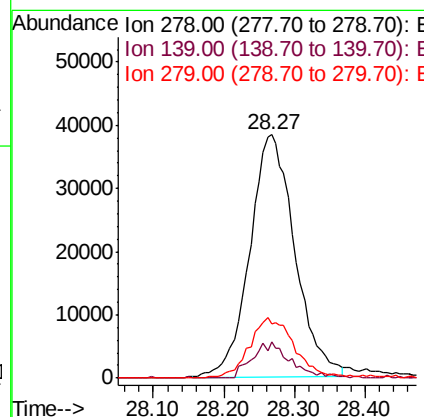
Manual Integrations
 APPROVED

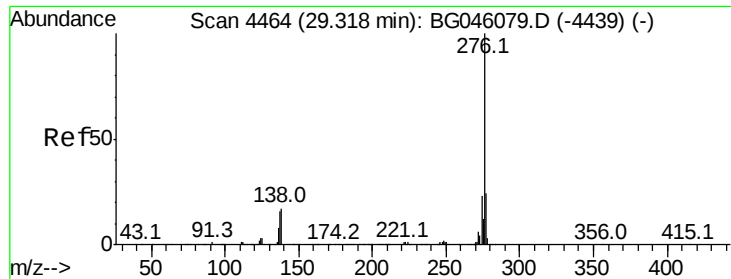
mohammad
 7/28/2020 11:42:50 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.578 ng/ul
 RT: 28.27 min Scan# 4285
 Delta R.T. -0.01 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Tgt Ion:278	Resp:	170781
Ion Ratio	Lower	Upper
278 100		
139 14.8	10.6	16.0
279 22.2	19.4	29.0





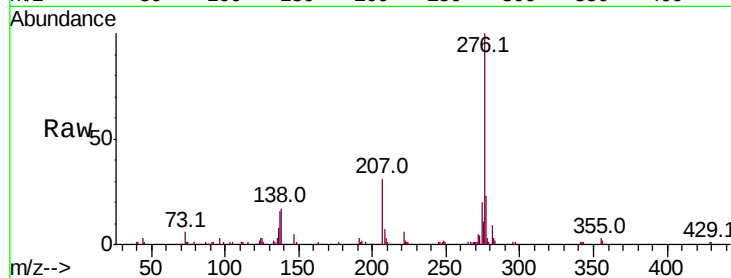
#94
 Benzo(a,h,i)perylene
 Concen: 3.637 ng/ul
 RT: 29.30 min Scan# 4460
 Delta R.T. -0.02 min
 Lab File: BG046089.D
 Acq: 27 Jul 2020 15:38

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:	276	Resp:	179380
Ion Ratio	Lower	Upper	
276	100		
138	17.3	13.6	20.4
277	23.4	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:50 AM



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

