

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
 Data File : BG046091.D
 Acq On : 27 Jul 2020 16:59
 Operator : CG/JU
 Sample : L1955-19
 Misc : MDL-ME-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

Quant Time: Jul 27 17:50:04 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	89931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	384605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	264627	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	603080	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	635063	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	707051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3771	2.07	ng/uL	0.00
5) Phenol-d5	7.13	99	207786	29.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	130847	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	169373	29.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	171969	28.88	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	82572	30.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	90092	32.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	178801	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	248034	35.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	613148	29.71	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	743597	30.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	95280	28.27	ng/ul	0.00
58) Fluorene-d10	15.58	176	554706	29.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	84942	28.14	ng/ul	0.00
71) Anthracene-d10	17.43	188	844013	30.35	ng/ul	0.00
79) Pyrene-d10	19.71	212	1036035	30.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1090052	27.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	3705	1.662 ng/uL#	92
4) Benzaldehyde	7.10	77	14343m	2.851 ng/ul	
6) Phenol	7.15	94	30782	4.235 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	24589	4.133 ng/ul	96
10) 2-Chlorophenol	7.53	128	22596	3.946 ng/ul	94
11) 2-Methylphenol	8.40	108	21139	3.609 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.49	45	42779	4.254 ng/ul	97
14) Acetophenone	8.78	105	37476	4.266 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.76	70	20012	4.210 ng/ul	97
16) 4-Methylphenol	8.73	108	24748	3.944 ng/ul	99
17) Hexachloroethane	9.05	117	9894	4.072 ng/ul	96
20) Nitrobenzene	9.15	77	27921	4.002 ng/ul	95
21) Isophorone	9.68	82	52479	3.849 ng/ul	98
23) 2-Nitrophenol	9.87	139	13242	4.262 ng/ul	97
24) 2,4-Dimethylphenol	9.93	107	23211	3.371 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.17	93	33461	3.880 ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	25500	4.119 ng/ul	98
28) Naphthalene	10.81	128	81760	3.972 ng/ul	99
30) 4-Chloroaniline	10.91	127	33012	4.852 ng/ul	90
31) Hexachlorobutadiene	11.11	225	18604	3.905 ng/ul	98
32) Caprolactam	11.68	113	7413m	3.552 ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	23128	3.643 ng/ul	99
34) 2-Methylnaphthalene	12.42	142	65022	4.202 ng/ul	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
 Data File : BG046091.D
 Acq On : 27 Jul 2020 16:59
 Operator : CG/JU
 Sample : L1955-19
 Misc : MDL-ME-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-ME-SOIL-05

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

Quant Time: Jul 27 17:50:04 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	63074	4.127	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	38325	4.189	ng/uL	97
38) Hexachlorocyclopentadiene	12.77	237	12402	2.368	ng/uL	98
39) 2,4,6-Trichlorophenol	13.02	196	18596	3.477	ng/uL	94
40) 2,4,5-Trichlorophenol	13.09	196	20265	3.486	ng/uL	95
41) 1,1'-Biphenyl	13.42	154	87841	4.290	ng/uL	98
42) 2-Chloronaphthalene	13.46	162	69068	4.228	ng/uL	97
43) 2-Nitroaniline	13.66	65	14661	3.807	ng/uL	94
45) Dimethylphthalate	14.04	163	85988	4.154	ng/uL	97
46) 2,6-Dinitrotoluene	14.15	165	14491	3.671	ng/uL	99
48) Acenaphthylene	14.31	152	104479	4.169	ng/uL	98
49) 3-Nitroaniline	14.48	138	12333	3.317	ng/uL#	95
50) Acenaphthene	14.65	153	73882	4.094	ng/uL	99
51) 2,4-Dinitrophenol	14.68	184	3681	2.107	ng/uL#	69
53) 4-Nitrophenol	14.79	109	9311	3.850	ng/uL	93
54) Dibenzofuran	14.98	168	108044	4.391	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	22213	3.952	ng/uL	95
56) 2,3,4,6-Tetrachlorophenol	15.21	232	20555	3.792	ng/uL	97
57) Diethylphthalate	15.41	149	85094	4.162	ng/uL	99
59) Fluorene	15.64	166	86571	4.149	ng/uL	93
60) 4-Chlorophenyl-phenylether	15.63	204	45020	4.107	ng/uL	94
61) 4-Nitroaniline	15.64	138	13264m	3.200	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12836	3.992	ng/uL#	87
65) N-Nitrosodiphenylamine	15.83	169	74805	4.266	ng/uL	99
66) 4-Bromophenyl-phenylether	16.52	248	31704	4.230	ng/uL	98
67) Hexachlorobenzene	16.64	284	35852	4.238	ng/uL	96
68) Atrazine	16.79	200	28335	4.042	ng/uL	99
69) Pentachlorophenol	16.98	266	13425m	2.977	ng/uL	
70) Phenanthrene	17.37	178	147725	4.389	ng/uL	99
72) Anthracene	17.46	178	145031	4.325	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	40040	4.421	ng/uL	91
74) Pentachlorobenzene	14.91	250	38684	4.230	ng/uL	97
75) Carbazole	17.72	167	120858	4.491	ng/uL	99
76) Di-n-butylphthalate	18.30	149	134728	4.069	ng/uL	98
77) Fluoranthene	19.38	202	184485	4.997	ng/uL	98
80) Pvrene	19.74	202	188215	4.383	ng/uL	99
81) Butylbenzylphthalate	20.64	149	56675	3.845	ng/uL	93
82) 3,3'-Dichlorobenzidine	21.48	252	53210	3.904	ng/uL	99
83) Benzo(a)anthracene	21.56	228	190135	4.546	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	82113	3.830	ng/uL	95
85) Chrysene	21.62	228	183079	4.503	ng/uL	99
87) Di-n-octyl phthalate	22.67	149	137193	3.713	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	186714	3.909	ng/uL	99
89) Benzo(k)fluoranthene	23.77	252	176383	3.761	ng/uL	100
91) Benzo(a)pyrene	24.54	252	185613m	4.237	ng/uL	
92) Indeno(1,2,3-cd)pyrene	28.20	276	200084	3.658	ng/uL	99
93) Dibenzo(a,h)anthracene	28.26	278	165582	3.700	ng/uL	98
94) Benzo(a,h,i)perylene	29.30	276	175369	3.793	ng/uL	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046091.D
Acq On : 27 Jul 2020 16:59
Operator : CG/JU
Sample : L1955-19
Misc : MDL-ME-05
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM

Quant Time: Jul 27 17:50:04 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

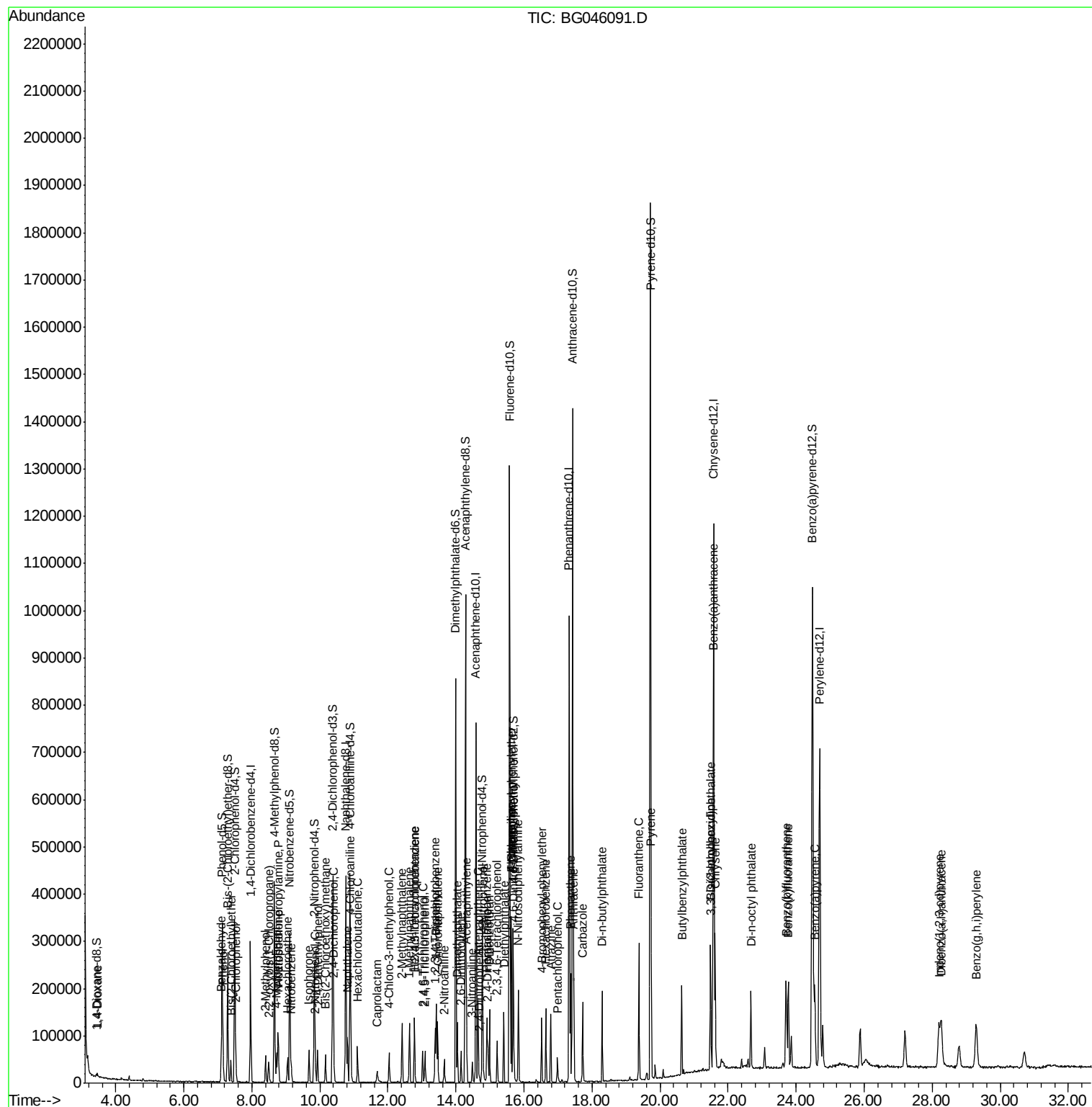
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046091.D
Acq On : 27 Jul 2020 16:59
Operator : CG/JU
Sample : L1955-19
Misc : MDL-ME-05
ALS Vial : 14 Sample Multiplier: 1

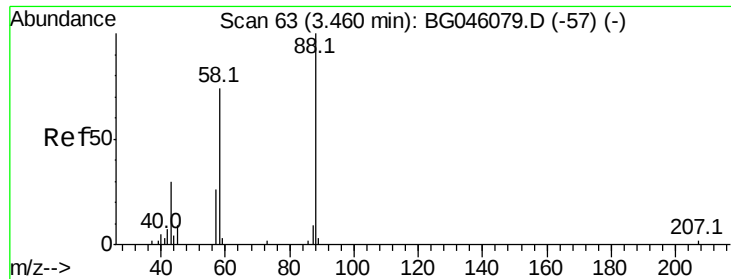
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM

Quant Time: Jul 27 17:50:04 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





#2

1,4-Dioxane

Concen: 1.662 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

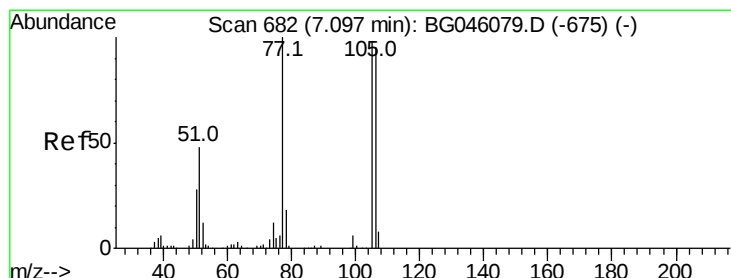
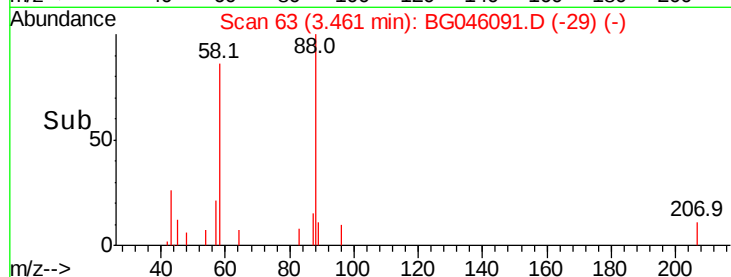
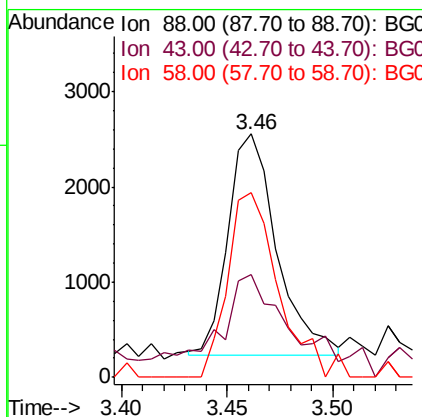
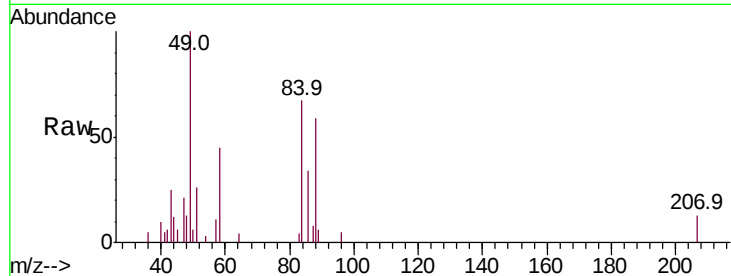
ClientSampleId :

MDL-ME-SOIL-05

Tot Ion:	88	Resp:	3705
Ion Ratio	Lower	Upper	
88	100		
43	42.0	26.6	39.8#
58	75.7	57.4	86.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



#4

Benzaldehyde

Concen: 2.851 ng/uL

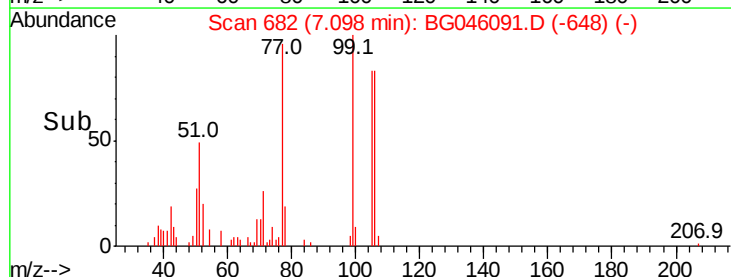
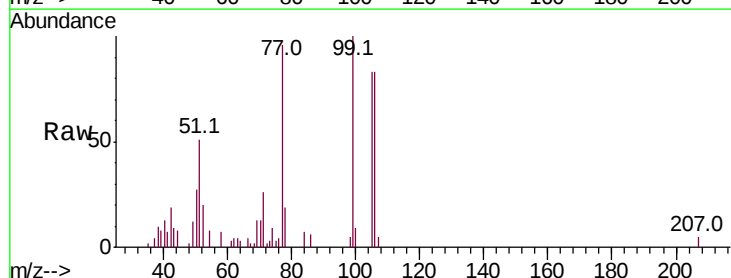
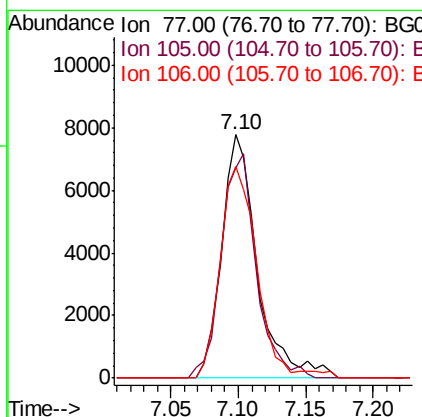
RT: 7.10 min Scan# 682

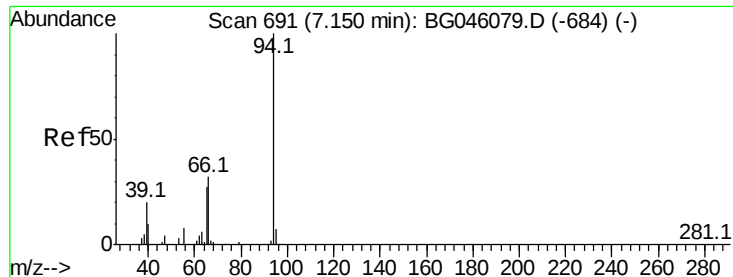
Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Tgt Ion:	77	Resp:	14343
Ion Ratio	Lower	Upper	
77	100		
105	86.4	79.4	119.2
106	86.9	78.6	117.8





#6

Phenol

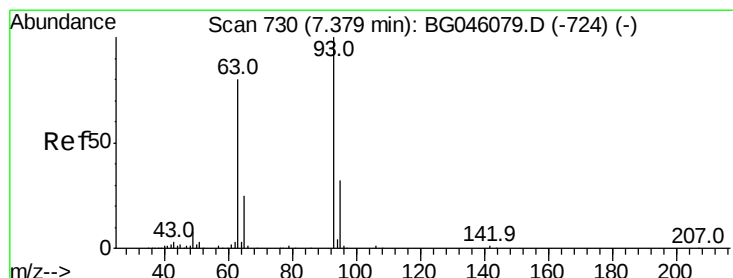
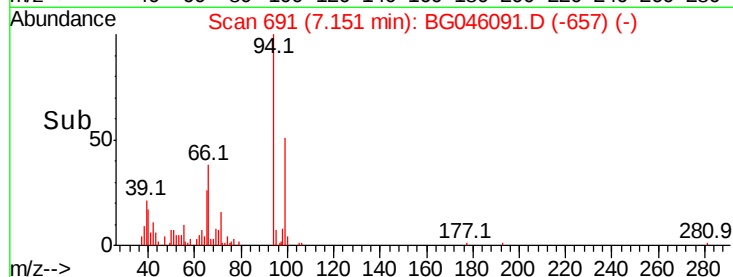
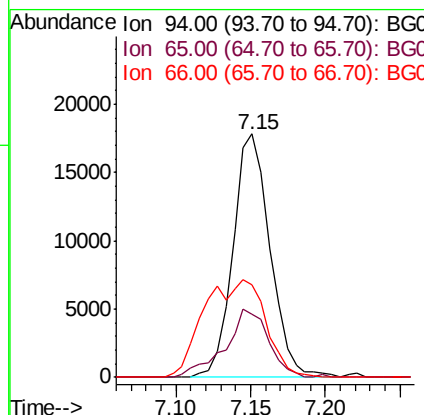
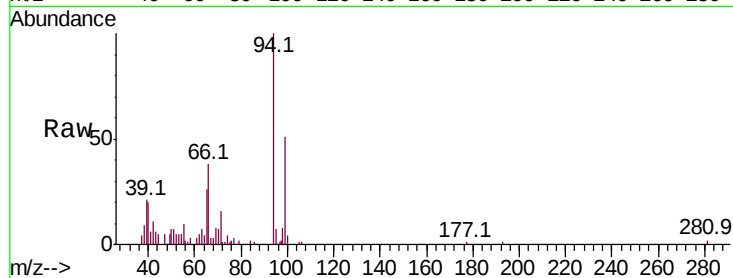
Concen: 4.235 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.9	23.1	34.7
66	37.9	30.3	45.5

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

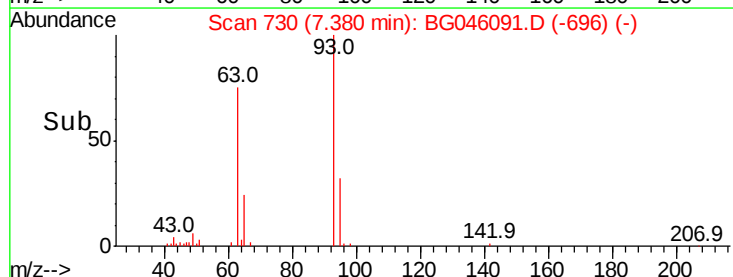
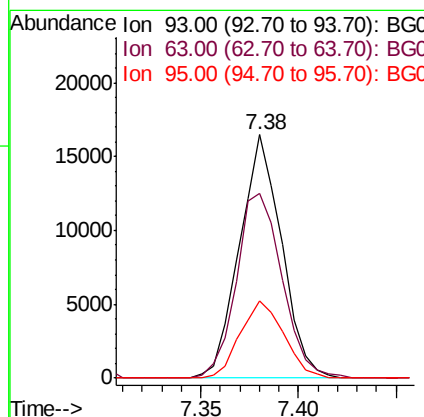
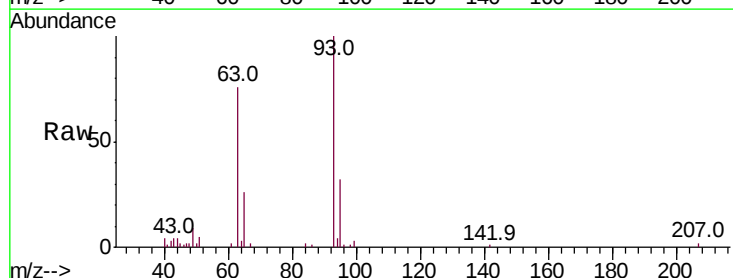


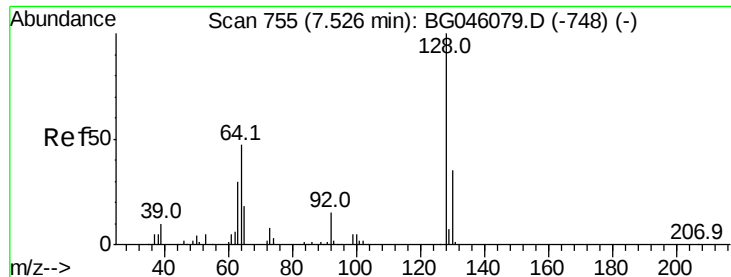
#8

Bis(2-Chloroethyl)ether

Concen: 4.133 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	63.4	95.2
95	31.7	26.4	39.6





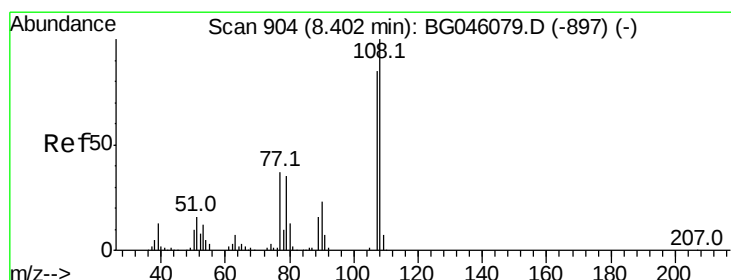
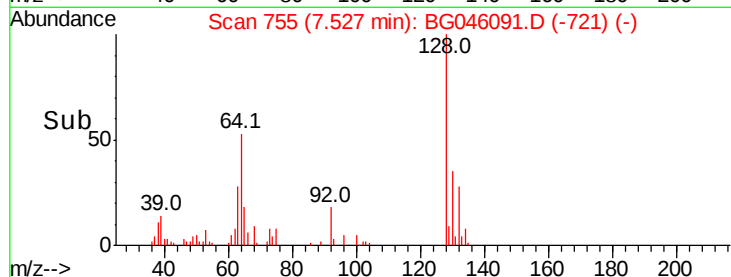
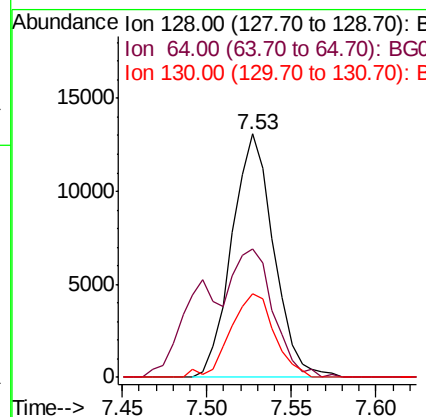
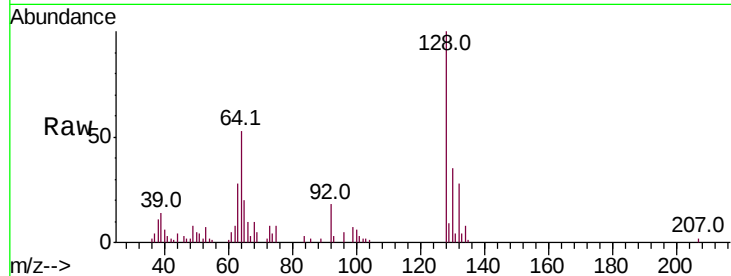
#10
2-Chlorophenol
Concen: 3.946 ng/ul
RT: 7.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Resp	Lower	Upper
128	100	22596		
64	52.9		39.0	58.6
130	34.6		25.0	37.4

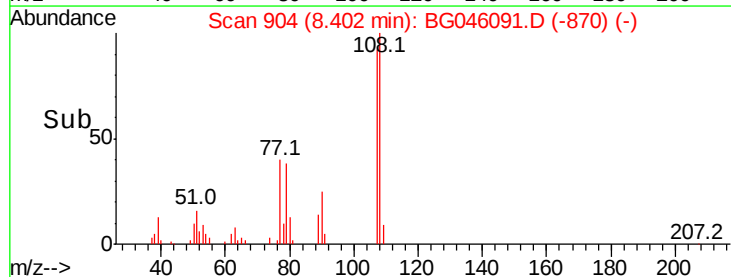
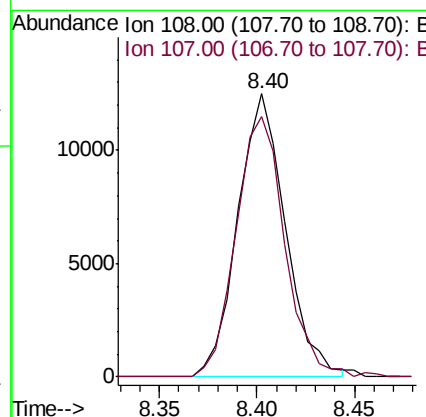
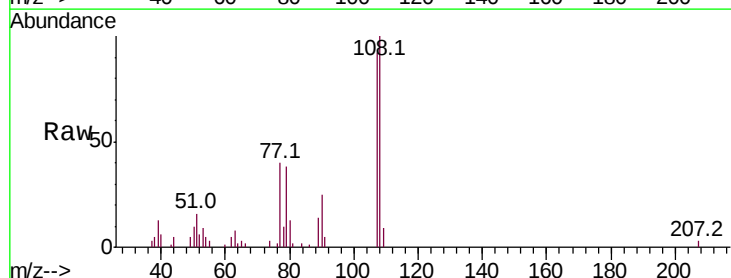
Manual Integrations
APPROVED

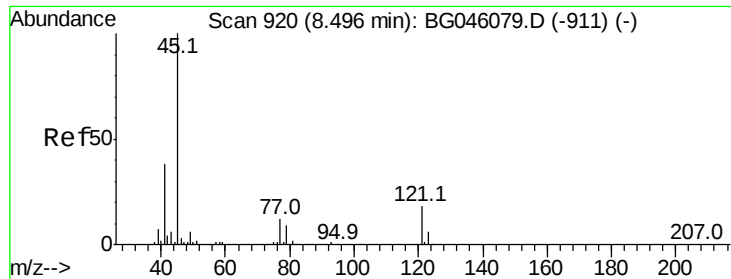
mohammad
7/28/2020 11:42:53 AM



#11
2-Methylphenol
Concen: 3.609 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	21139		
107	92.2		75.0	112.4





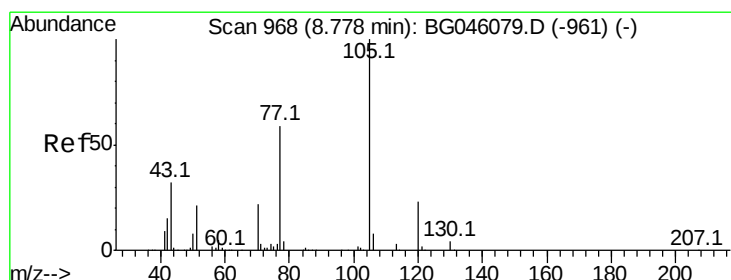
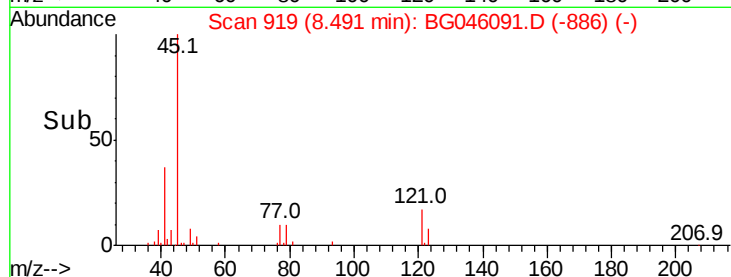
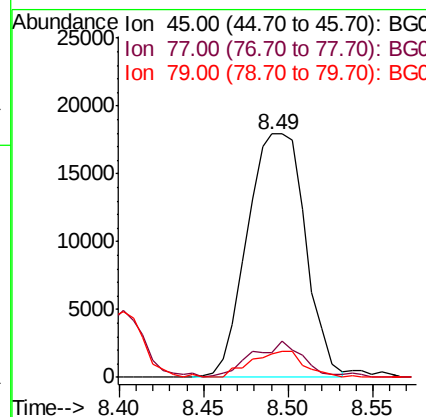
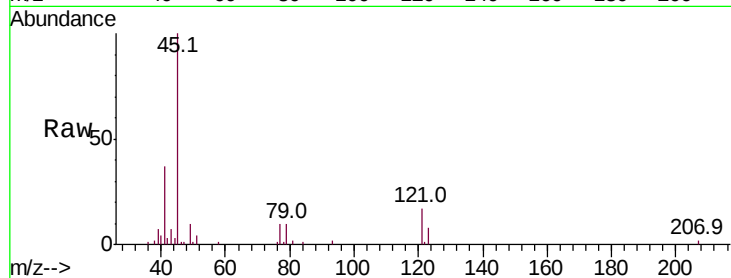
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.254 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
45	100		
77	10.3	9.2	13.8
79	9.6	7.0	10.6

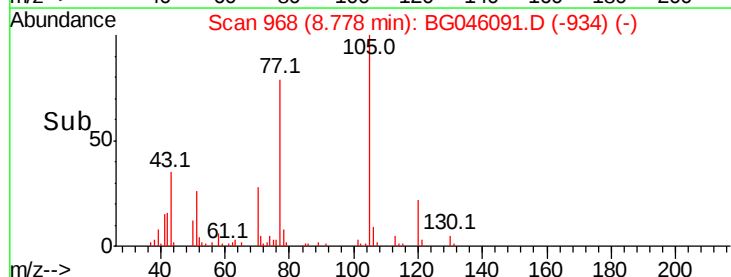
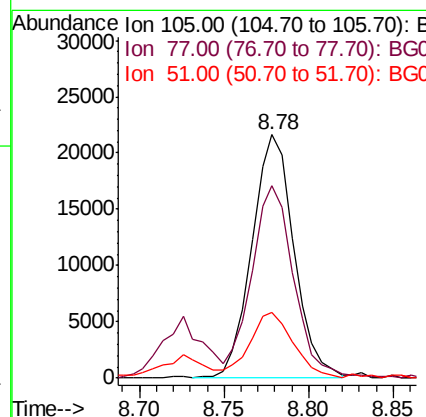
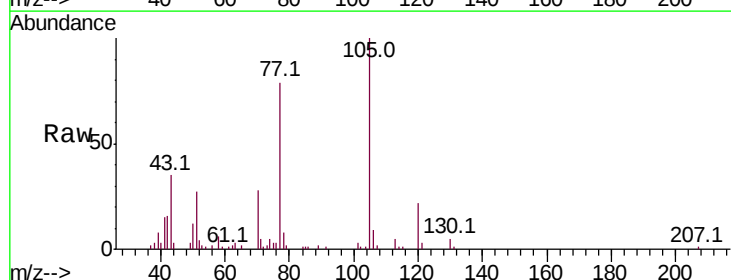
Manual Integrations
APPROVED

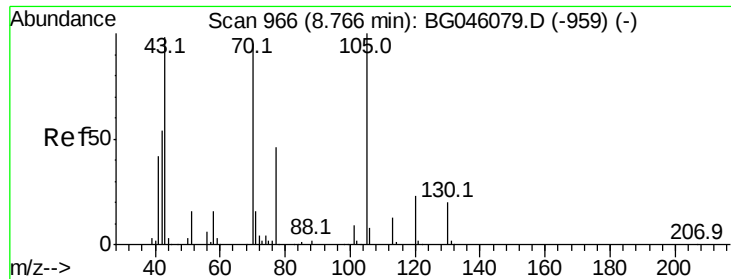
mohammad
7/28/2020 11:42:53 AM



#14
Acetophenone
Concen: 4.266 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.0	62.2	93.2
51	27.0	23.0	34.6





#15

N-Nitroso-di-n-propylamine

Concen: 4.210 ng/ul

RT: 8.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-05

Tot Ion: 70 Resp: 20012

Ion Ratio Lower Upper

70 100

42 61.1 50.0 75.0

101 9.7 8.1 12.1

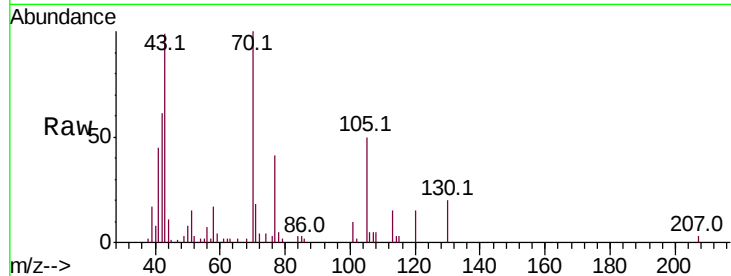
130 19.8 18.0 27.0

Manual Integrations

APPROVED

mohammad

7/28/2020 11:42:53 AM



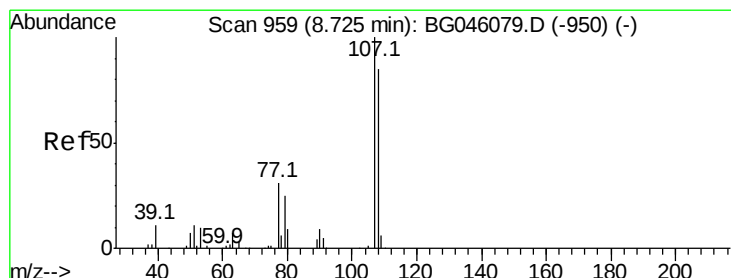
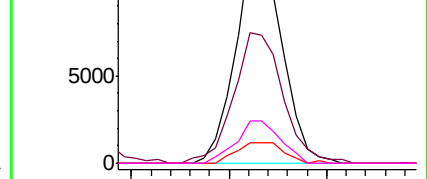
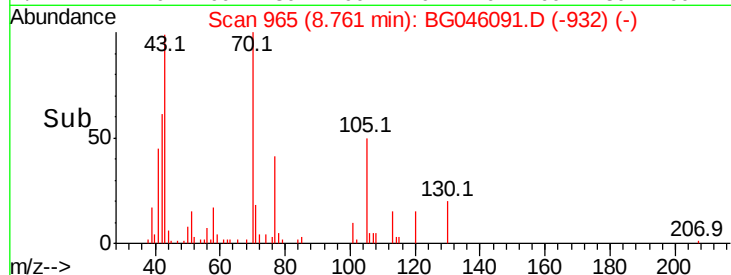
Abundance Ion 70.00 (69.70 to 70.70): BG046091.D (-959) (-)

Ion 42.00 (41.70 to 42.70): BG046091.D (-959) (-)

Ion 101.00 (100.70 to 101.70): BG046091.D (-959) (-)

Ion 130.00 (129.70 to 130.70): BG046091.D (-959) (-)

Time-->



#16

4-Methylphenol

Concen: 3.944 ng/ul

RT: 8.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BG046091.D

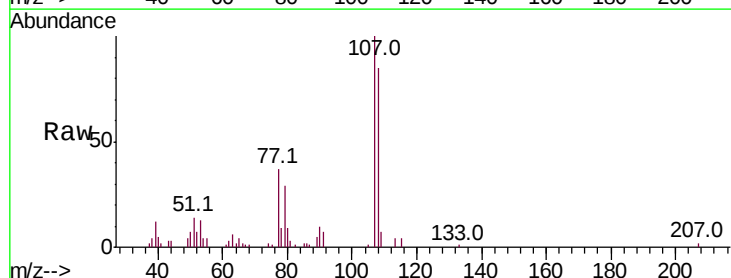
Acq: 27 Jul 2020 16:59

Tgt Ion: 108 Resp: 24748

Ion Ratio Lower Upper

108 100

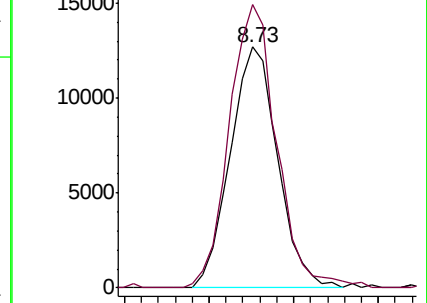
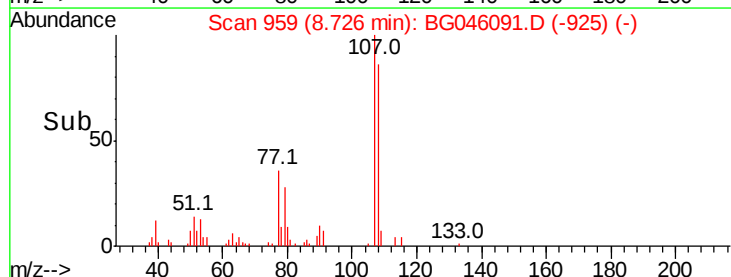
107 117.4 94.6 141.8

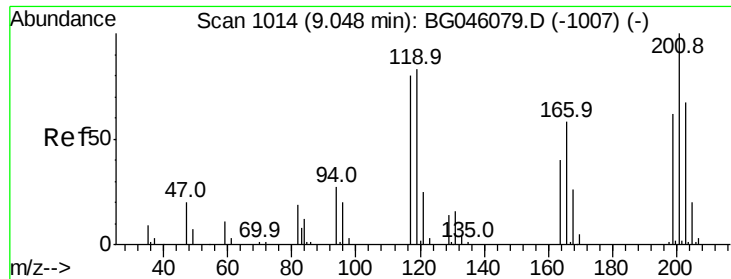


Abundance Ion 108.00 (107.70 to 108.70): BG046091.D (-959) (-)

Ion 107.00 (106.70 to 107.70): BG046091.D (-959) (-)

Time-->





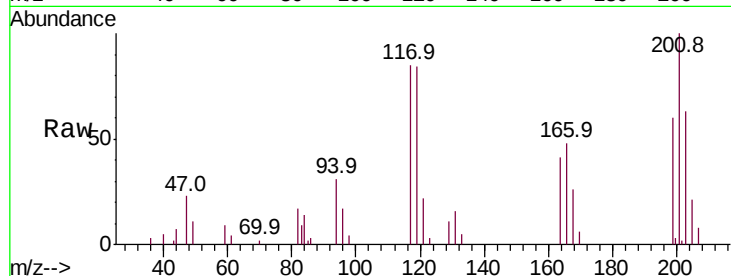
#17
Hexachloroethane
Concen: 4.072 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

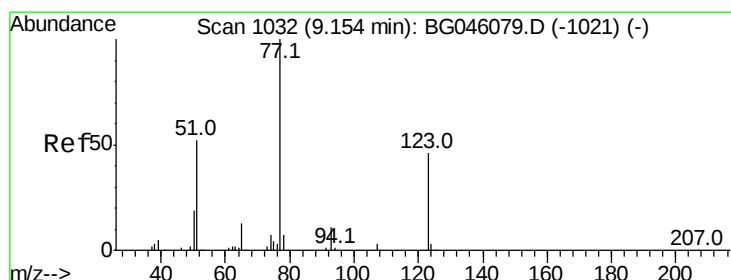
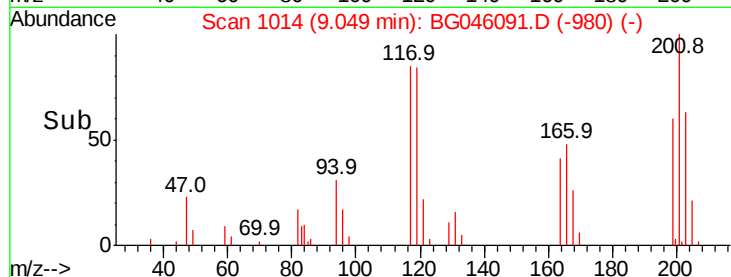
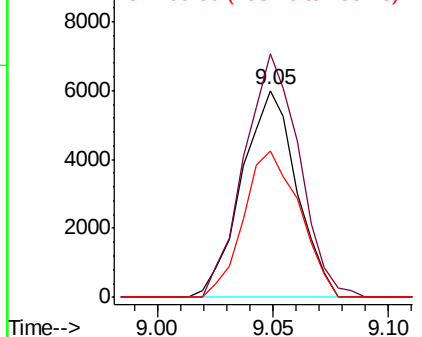
Tot Ion:	117	Resp:	9894
Ion Ratio	Lower	Upper	
117	100		
201	120.5	98.2	147.4
199	71.0	61.4	92.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



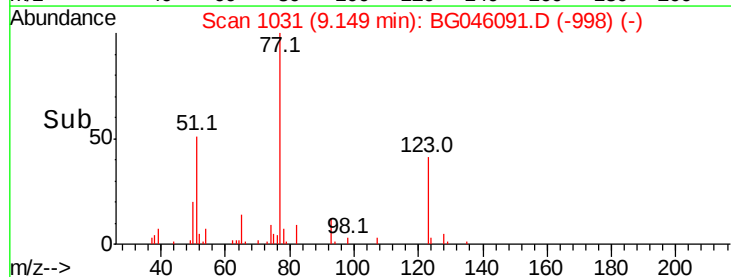
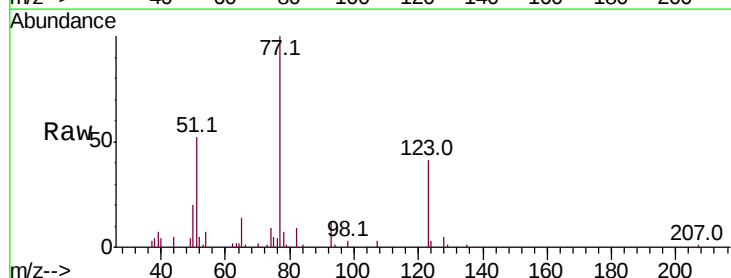
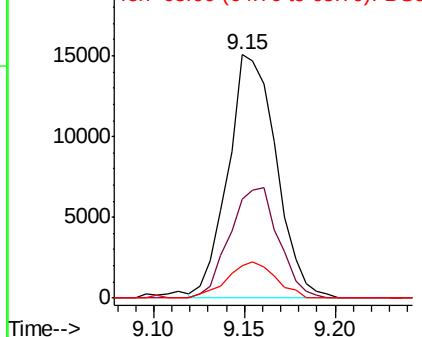
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

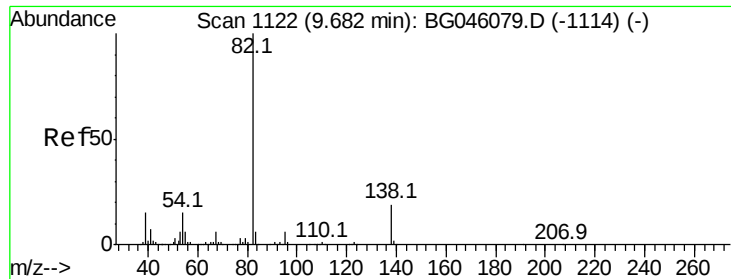


#20
Nitrobenzene
Concen: 4.002 ng/ul
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion:	77	Resp:	27921
Ion Ratio	Lower	Upper	
77	100		
123	40.9	36.1	54.1
65	13.6	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





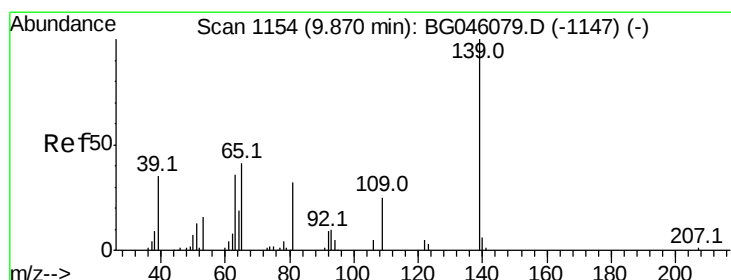
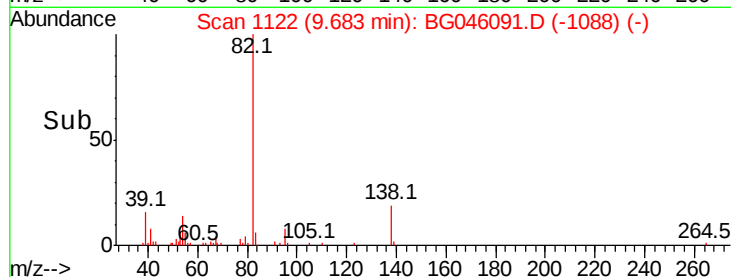
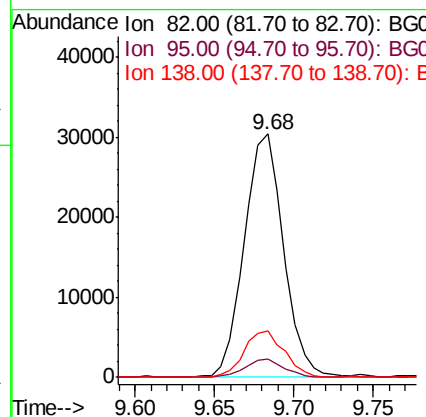
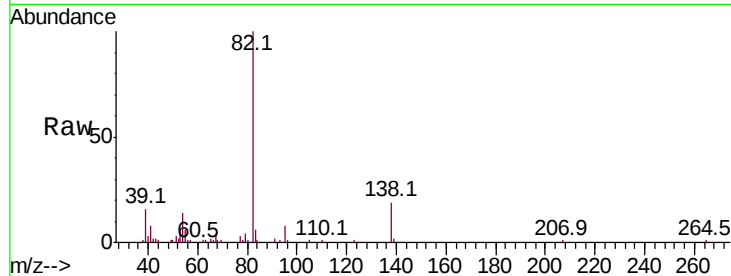
#21
Isophorone
Concen: 3.849 ng/ul
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.8
138	19.0	16.2	24.4

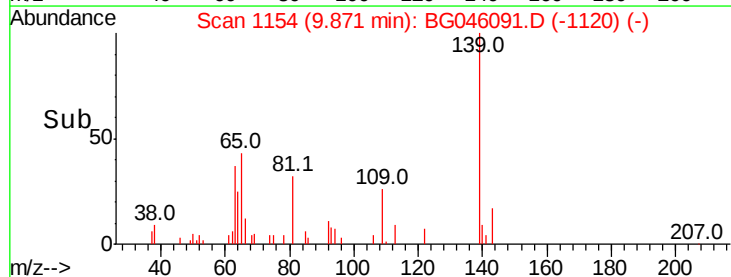
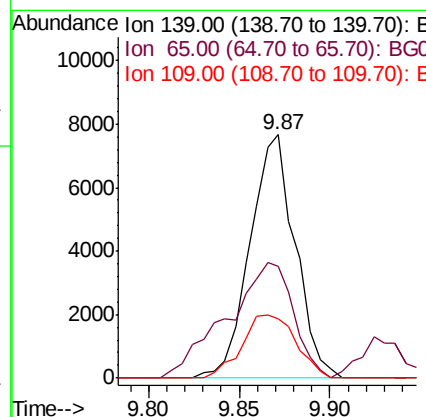
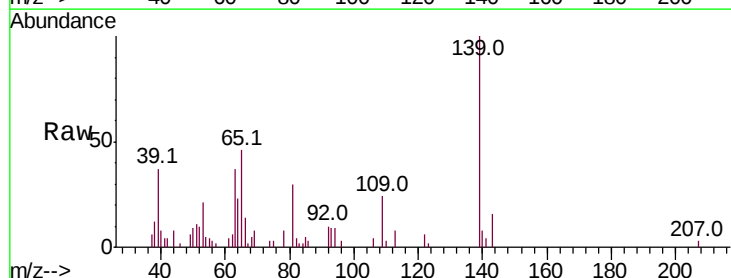
Manual Integrations
APPROVED

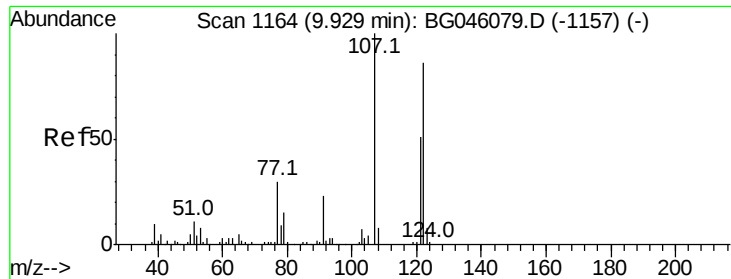
mohammad
7/28/2020 11:42:53 AM



#23
2-Nitrophenol
Concen: 4.262 ng/ul
RT: 9.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
139	100		
65	46.0	37.2	55.8
109	24.2	22.4	33.6





#24

2,4-Dimethylphenol

Concen: 3.371 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

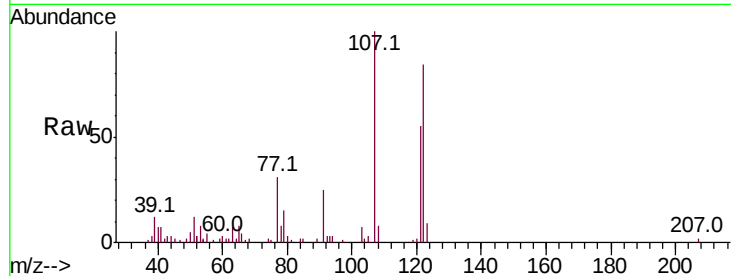
ClientSampleId :

MDL-ME-SOIL-05

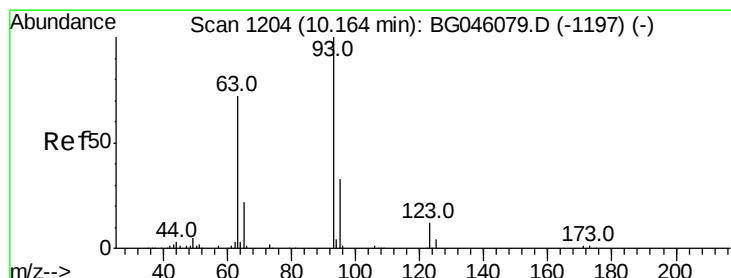
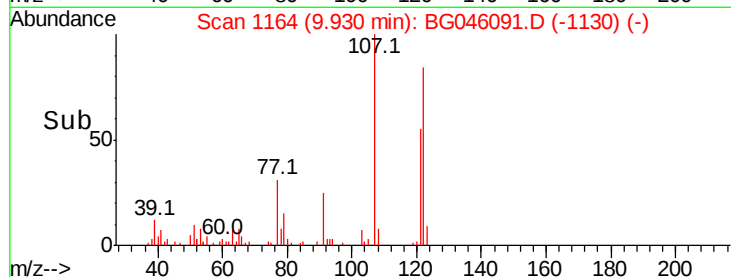
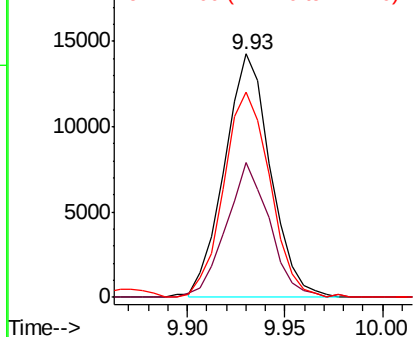
Tot Ion:	107	Resp:	23211
Ion Ratio	Lower	Upper	
107	100		
121	55.1	40.4	60.6
122	84.3	68.2	102.4

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 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: 3.880 ng/ul

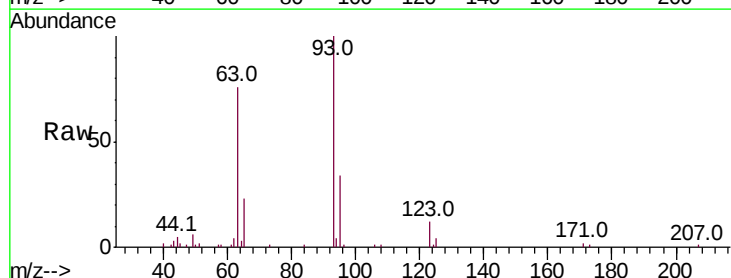
RT: 10.17 min Scan# 1204

Delta R.T. 0.00 min

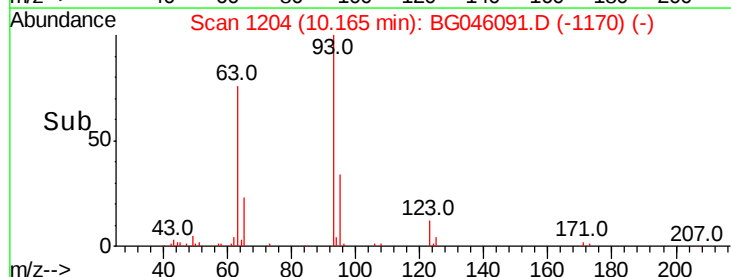
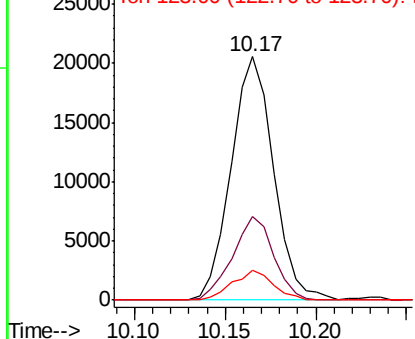
Lab File: BG046091.D

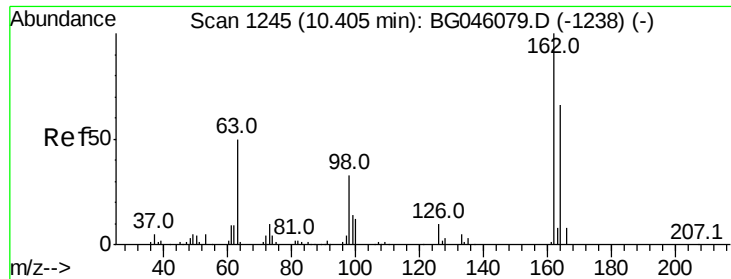
Acq: 27 Jul 2020 16:59

Tgt Ion:	93	Resp:	33461
Ion Ratio	Lower	Upper	
93	100		
95	34.2	25.8	38.6
123	12.2	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





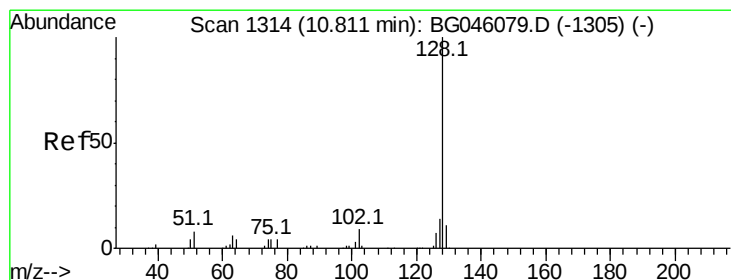
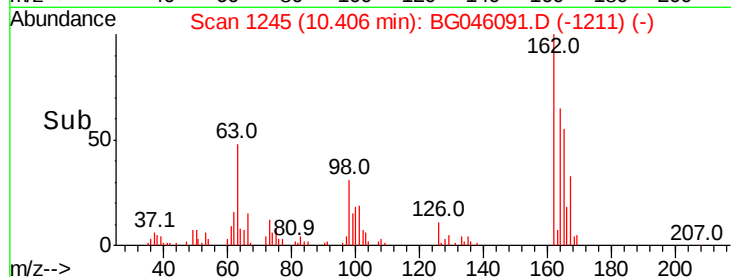
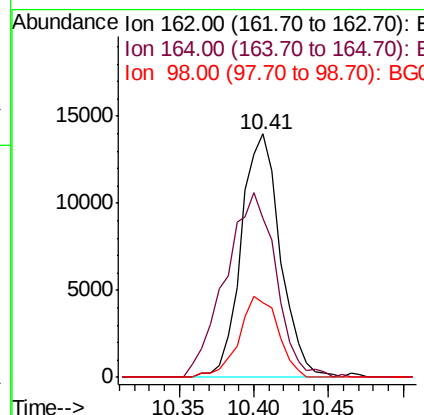
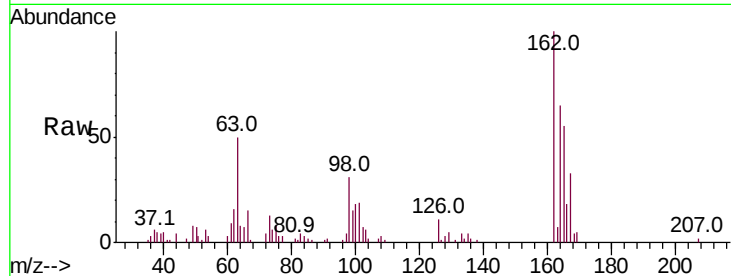
#27
2,4-Dichlorophenol
Concen: 4.119 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	51.0	76.4
98	30.8	23.8	35.6

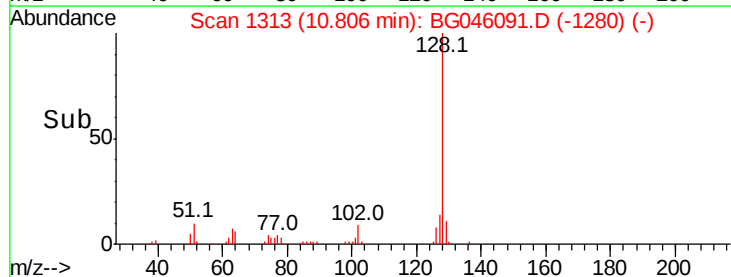
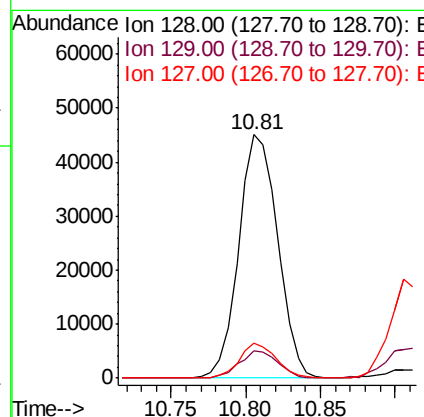
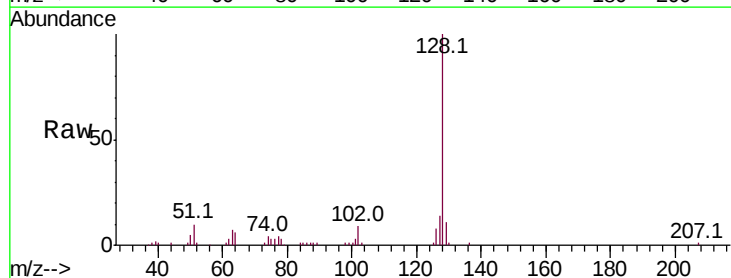
Manual Integrations
APPROVED

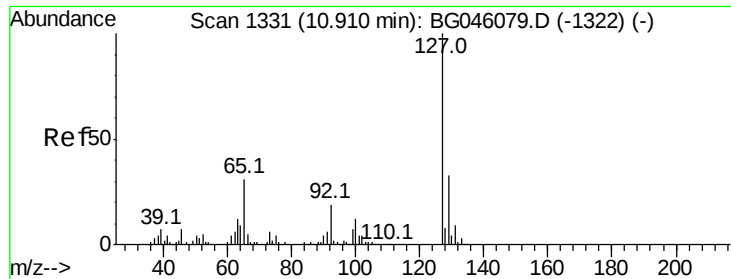
mohammad
7/28/2020 11:42:53 AM



#28
Naphthalene
Concen: 3.972 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	14.3	11.2	16.8





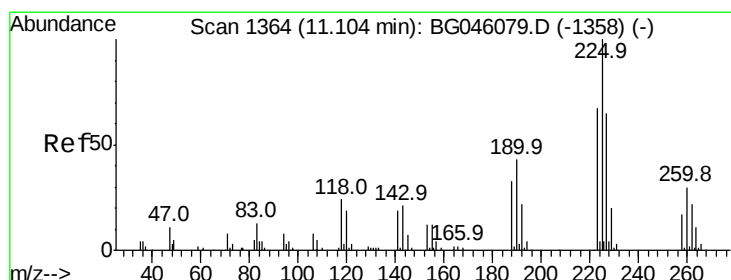
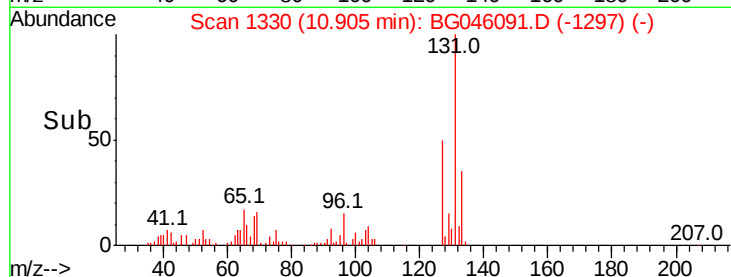
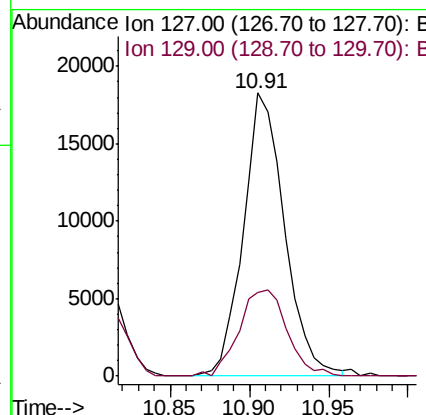
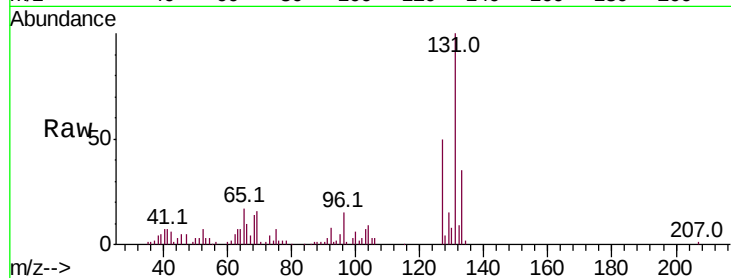
#30
4-Chloroaniline
Concen: 4.852 ng/ul
RT: 10.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	28.2	42.4

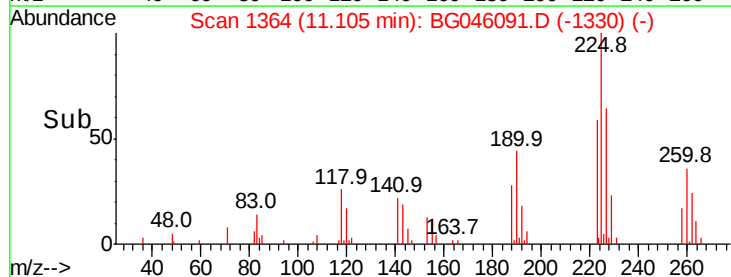
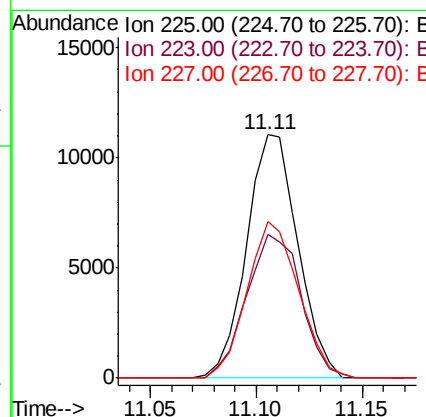
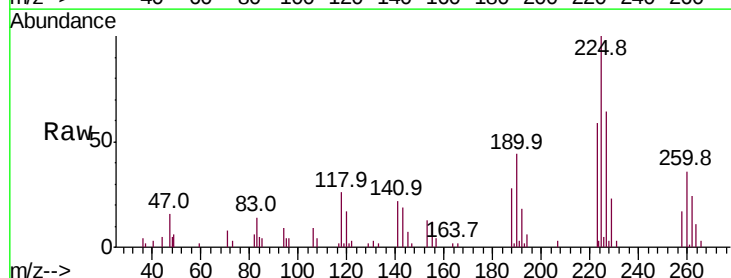
Manual Integrations
APPROVED

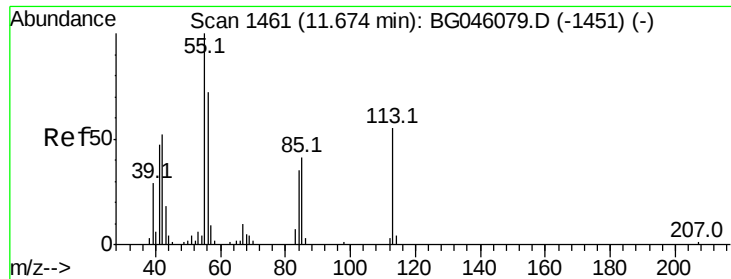
mohammad
7/28/2020 11:42:53 AM



#31
Hexachlorobutadiene
Concen: 3.905 ng/ul
RT: 11.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	47.7	71.5
227	61.2	50.7	76.1





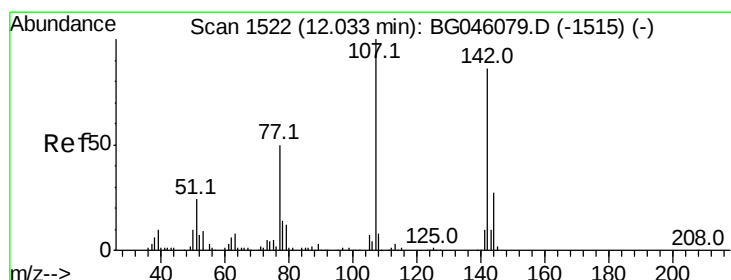
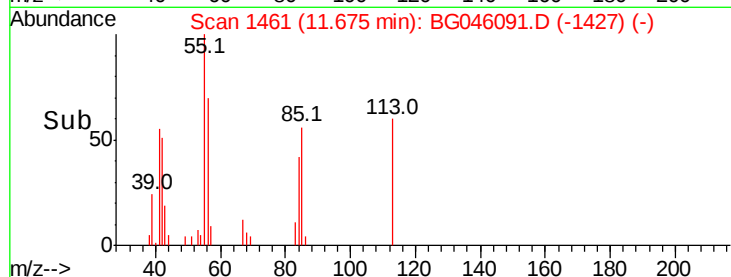
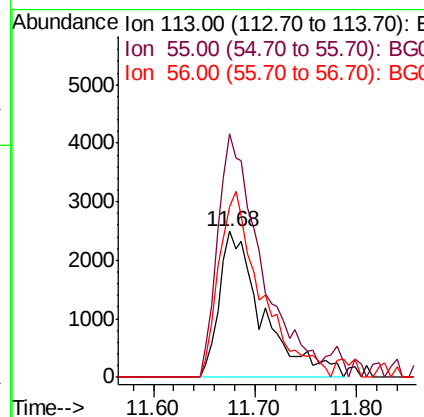
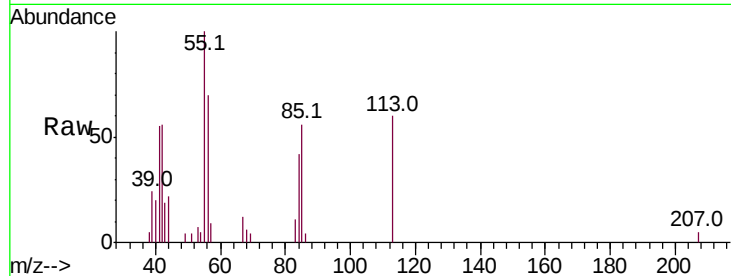
#32
 Caprolactam
 Concen: 3.552 ng/ul m
 RT: 11.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.6	143.8	215.6
56	117.2	99.0	148.4

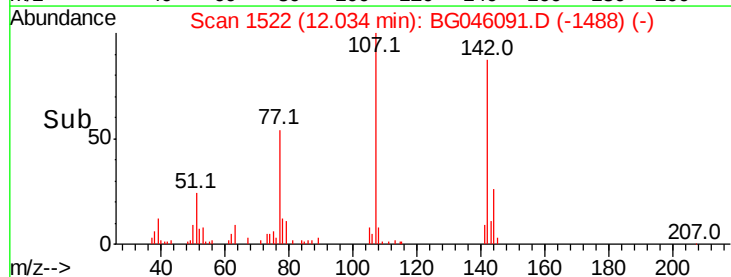
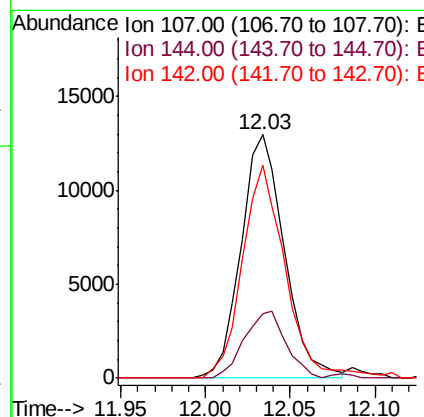
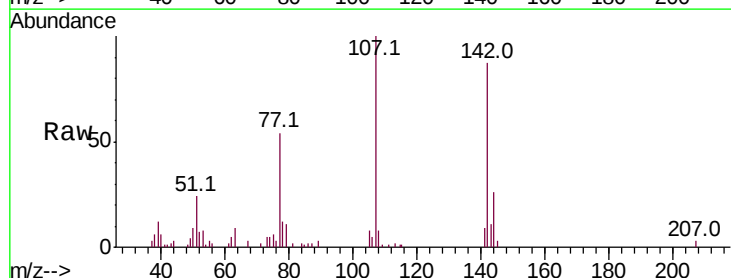
Manual Integrations
 APPROVED

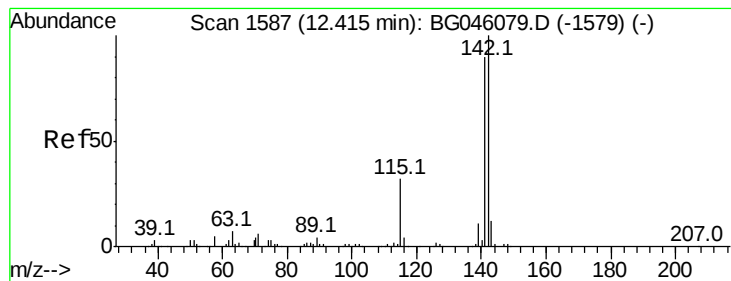
mohammad
 7/28/2020 11:42:53 AM



#33
 4-Chloro-3-methylphenol
 Concen: 3.643 ng/ul
 RT: 12.03 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	23.0	34.6
142	87.3	69.6	104.4





#34

2-Methylnaphthalene

Concen: 4.202 ng/uL

RT: 12.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-05

Tot Ion:142 Resp: 65022

Ion Ratio Lower Upper

142 100

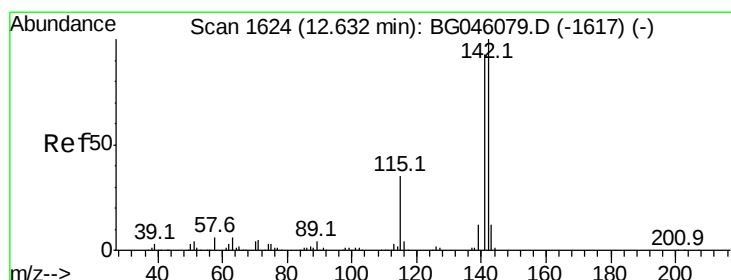
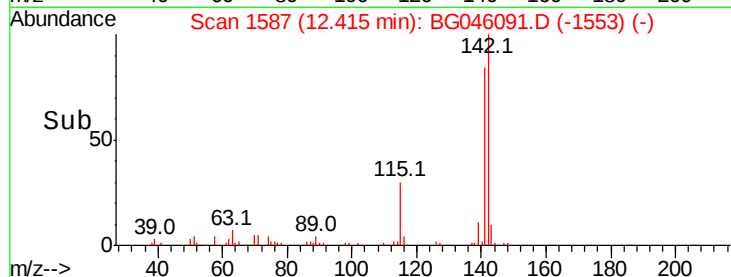
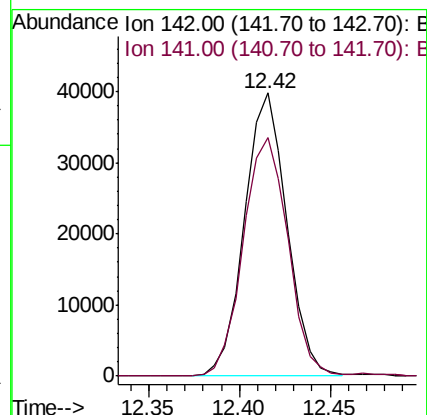
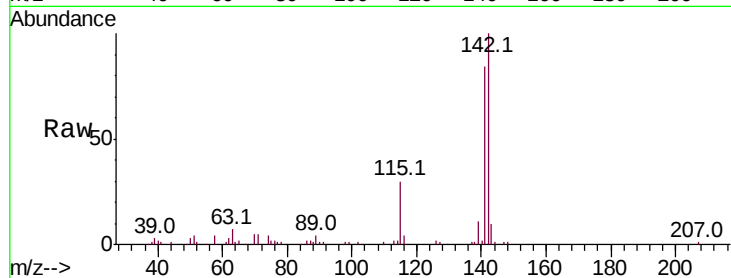
141 84.5 70.2 105.4

Manual Integrations

APPROVED

mohammad

7/28/2020 11:42:53 AM



#35

1-Methylnaphthalene

Concen: 4.127 ng/uL

RT: 12.63 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

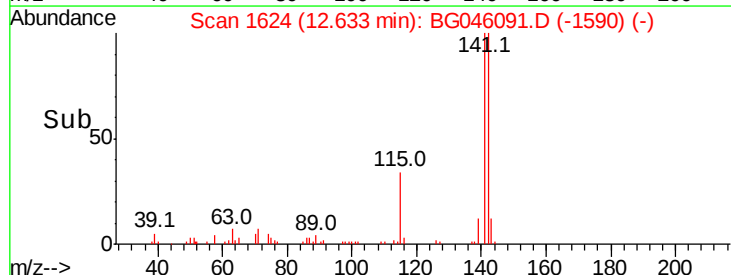
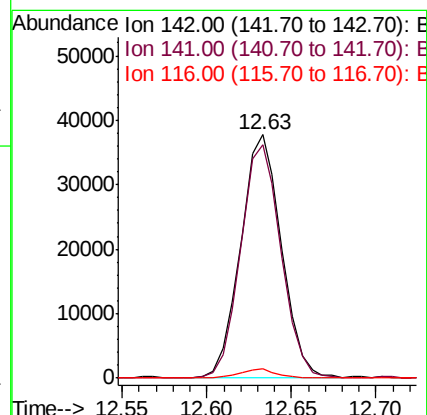
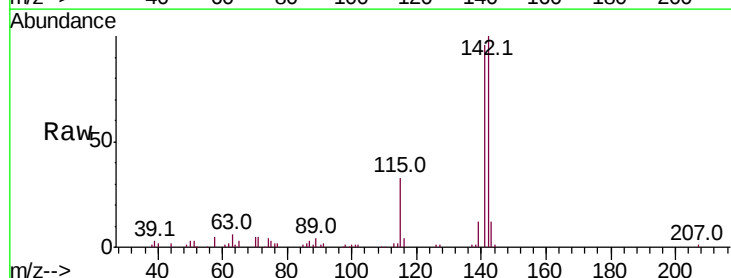
Tgt Ion:142 Resp: 63074

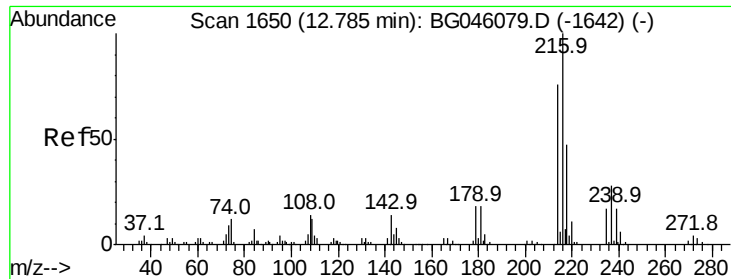
Ion Ratio Lower Upper

142 100

141 95.0 75.2 112.8

116 3.2 2.7 4.1





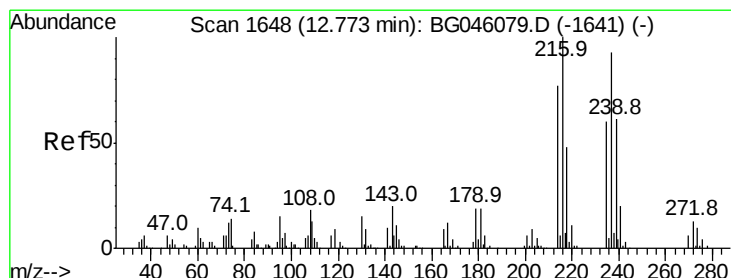
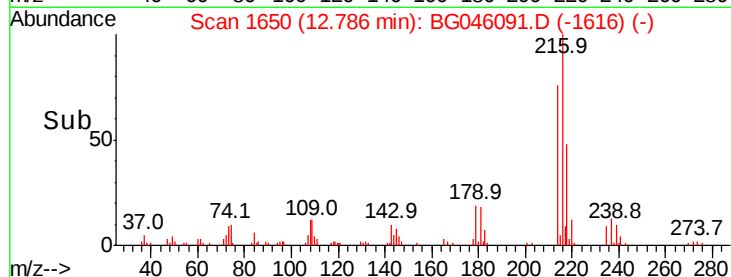
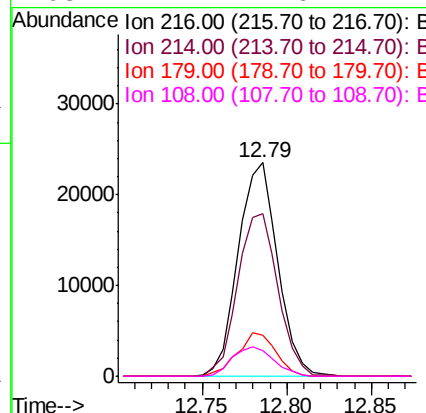
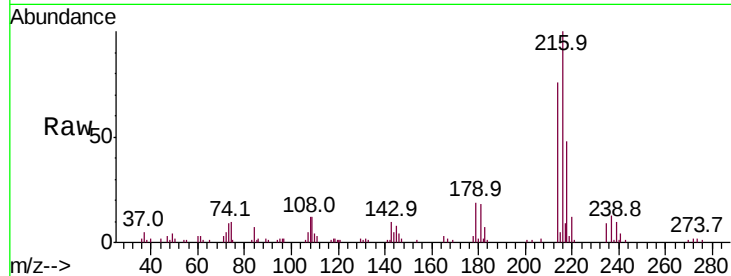
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.189 ng/ul
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.0	63.4	95.2
179	19.3	15.4	23.2
108	12.2	11.6	17.4

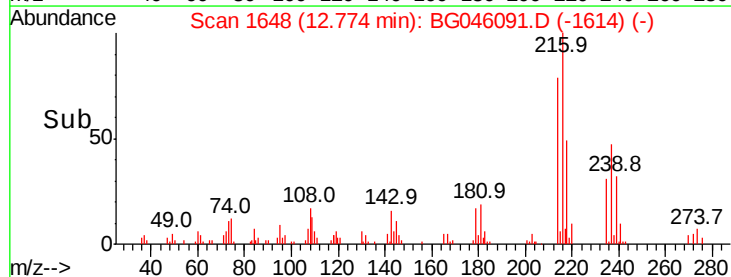
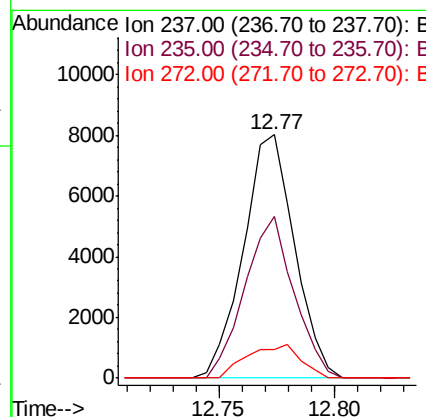
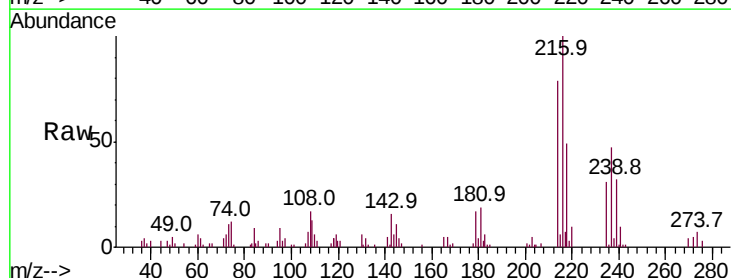
Manual Integrations
 APPROVED

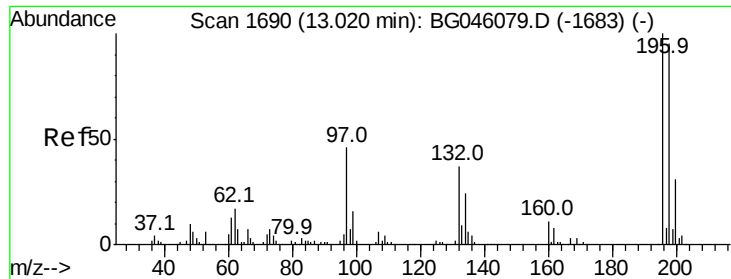
mohammad
 7/28/2020 11:42:53 AM



#38
 Hexachlorocyclopentadiene
 Concen: 2.368 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.5	52.0	78.0
272	11.7	10.0	15.0





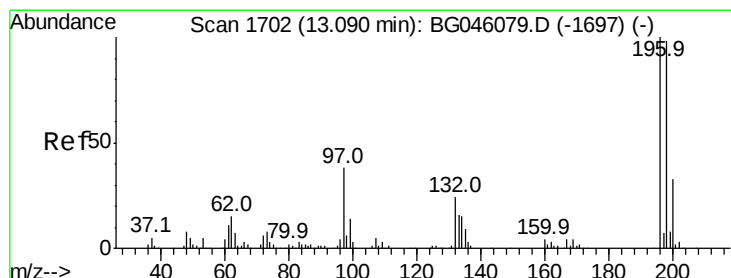
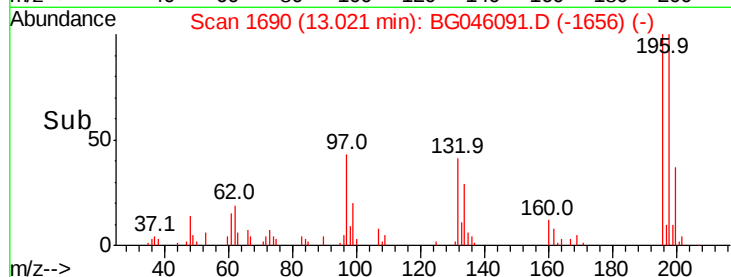
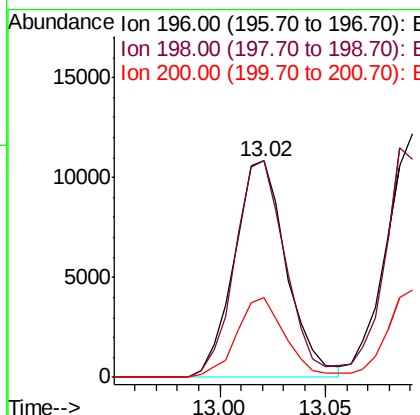
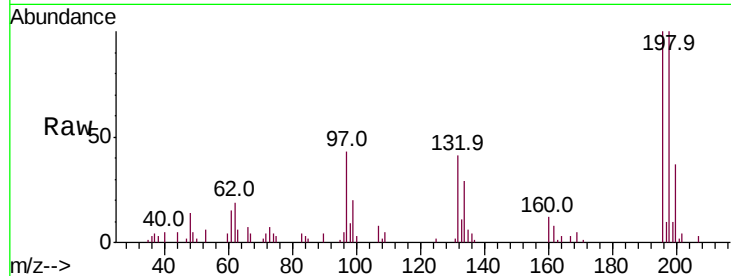
#39
 2,4,6-Trichlorophenol
 Concen: 3.477 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Resp	Lower	Upper
196	100	18596		
198	100.0	75.8	113.6	
200	37.0	25.4	38.0	

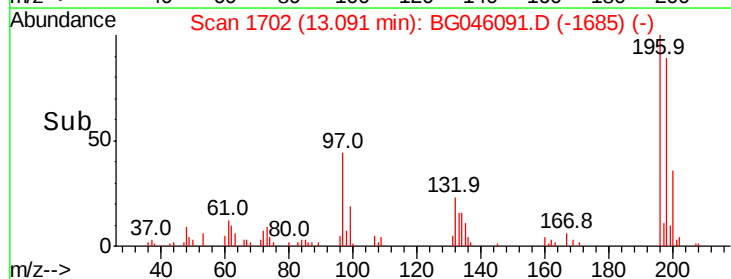
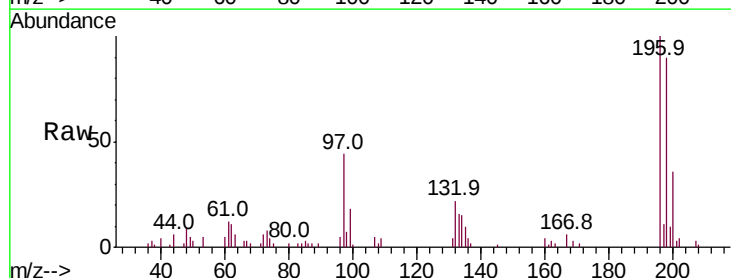
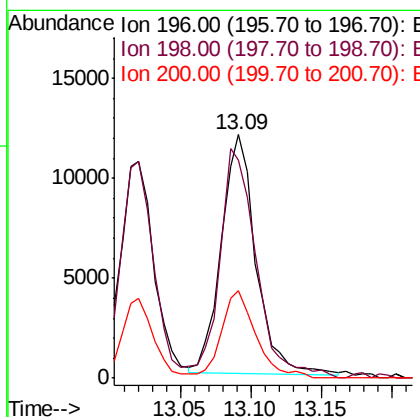
Manual Integrations
 APPROVED

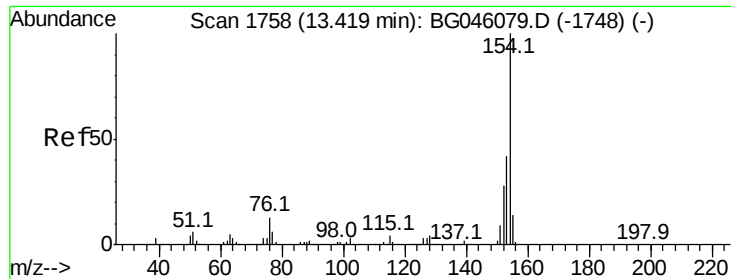
mohammad
 7/28/2020 11:42:53 AM



#40
 2,4,5-Trichlorophenol
 Concen: 3.486 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	20265		
198	89.7	75.2	112.8	
200	36.1	25.8	38.6	





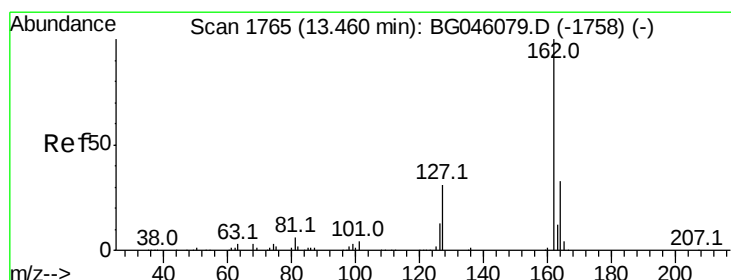
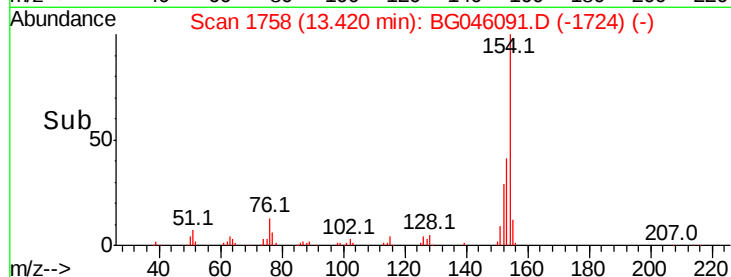
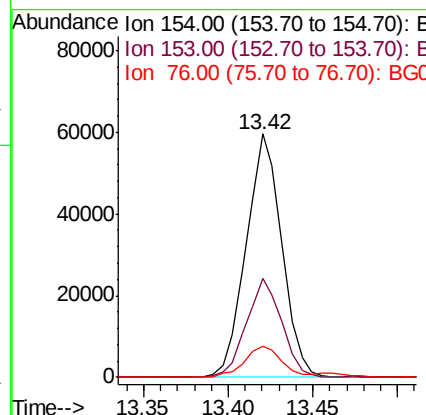
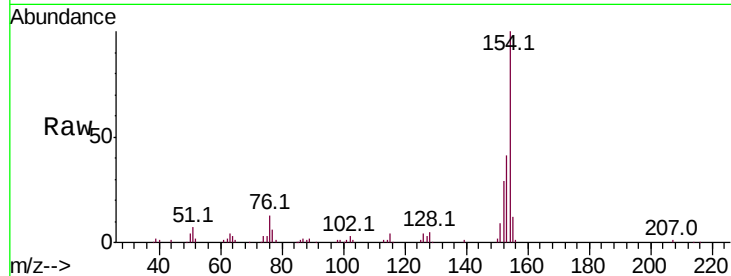
#41
 1,1'-Biphenyl
 Concen: 4.290 ng/ul
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	31.9	47.9
76	13.0	9.3	13.9

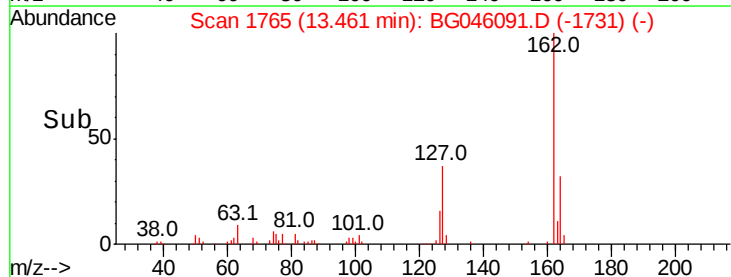
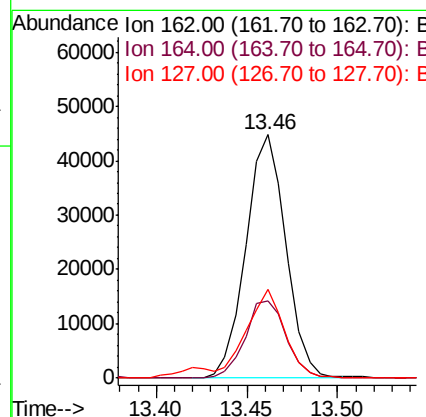
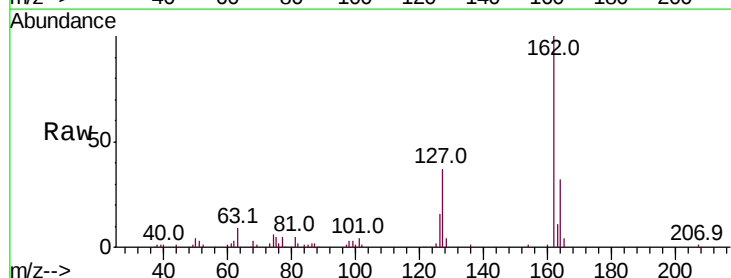
Manual Integrations
 APPROVED

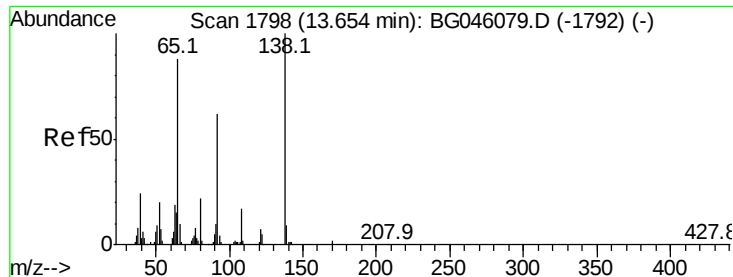
mohammad
 7/28/2020 11:42:53 AM



#42
 2-Chloronaphthalene
 Concen: 4.228 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.8	26.2	39.2
127	36.7	27.3	40.9





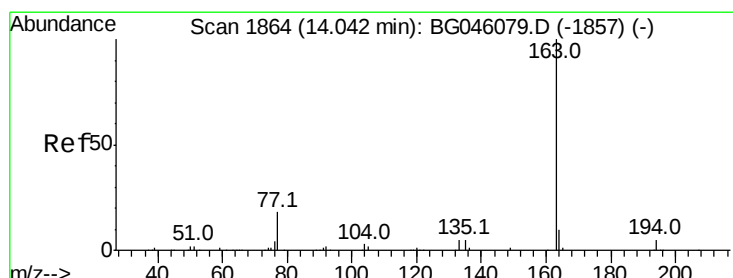
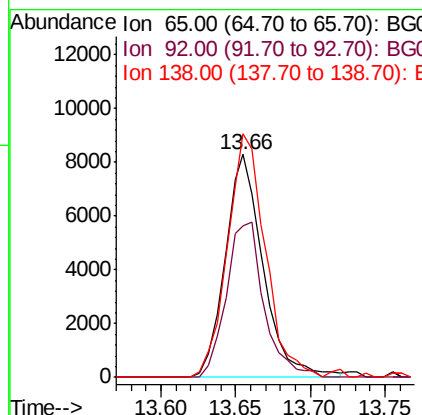
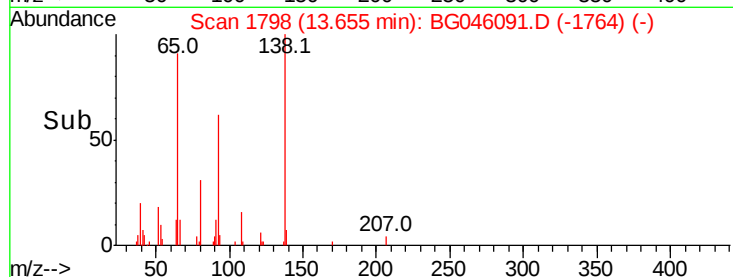
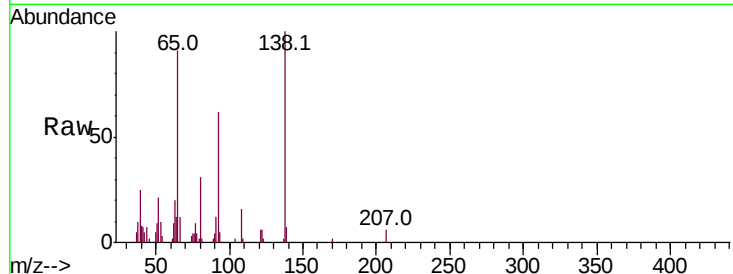
#43
2-Nitroaniline
Concen: 3.807 ng/ul
RT: 13.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	58.0	87.0
138	109.3	92.9	139.3

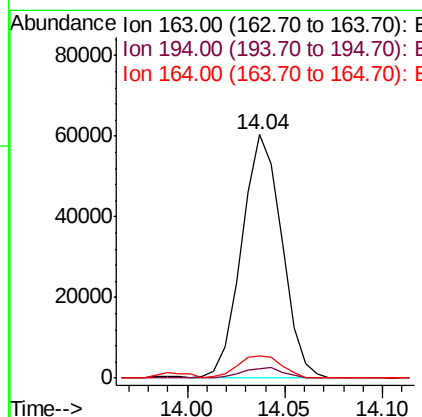
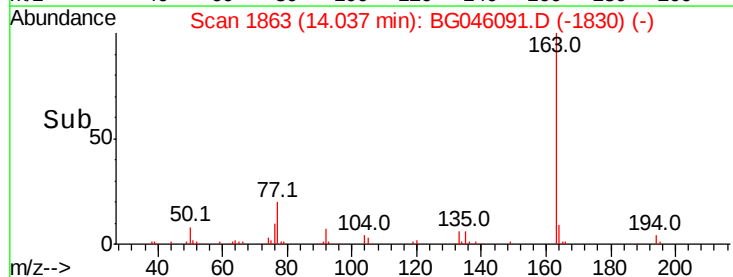
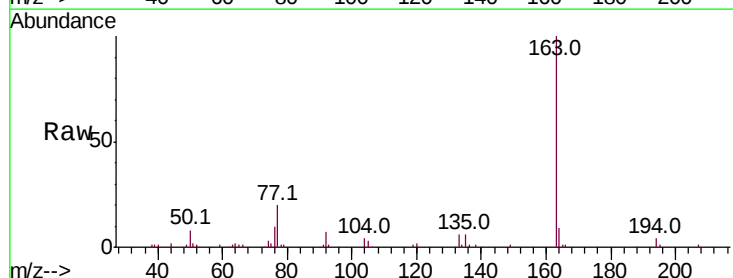
Manual Integrations
APPROVED

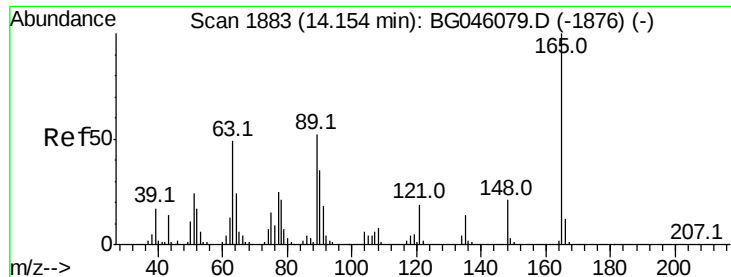
mohammad
7/28/2020 11:42:53 AM



#45
Dimethylphthalate
Concen: 4.154 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.4	8.7	13.1





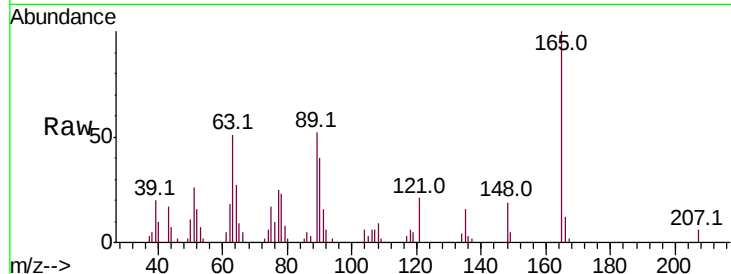
#46
 2,6-Dinitrotoluene
 Concen: 3.671 ng/ul
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

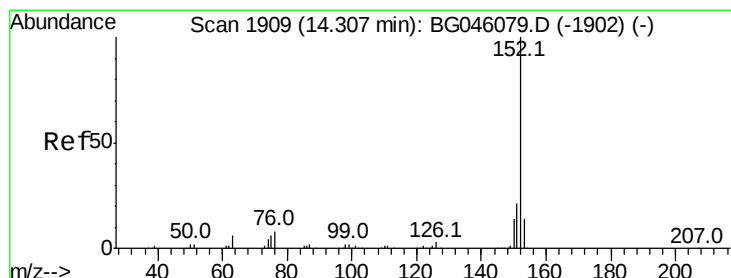
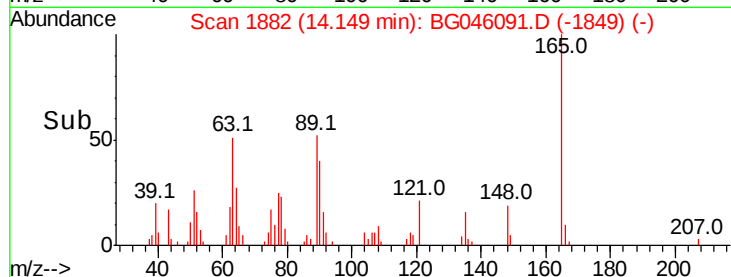
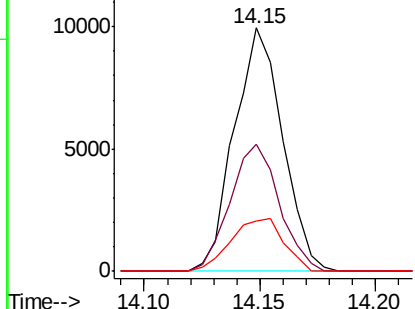
Tot Ion	Ratio	Lower	Upper
165	100		
89	52.2	42.2	63.4
121	20.5	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

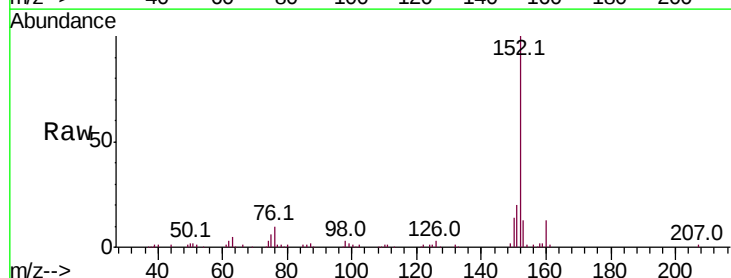


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

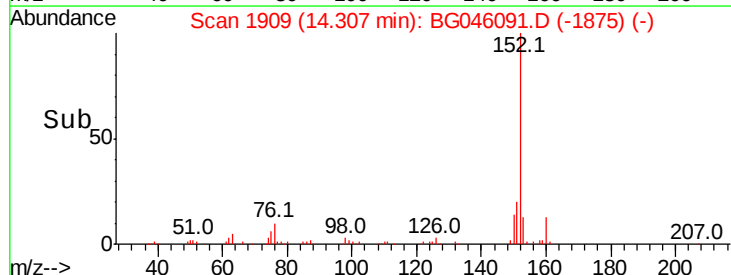
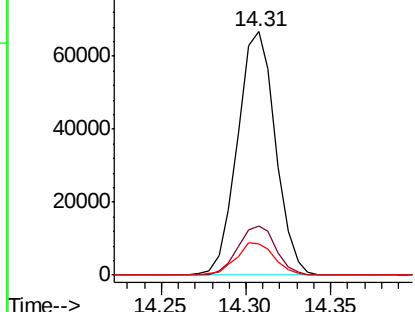


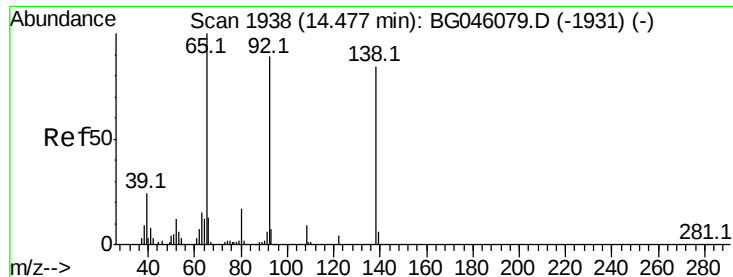
#48
 Acenaphthylene
 Concen: 4.169 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7
153	12.7	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





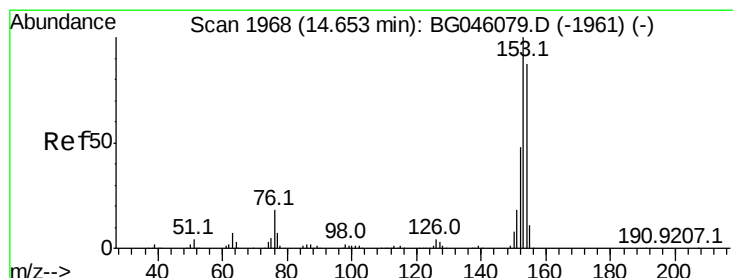
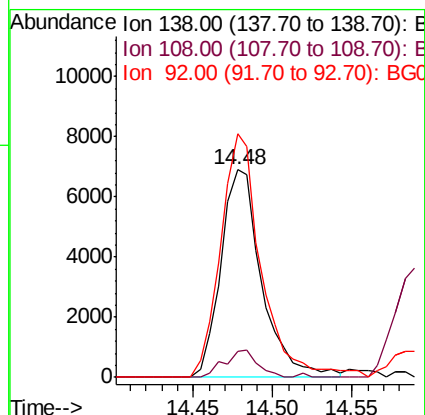
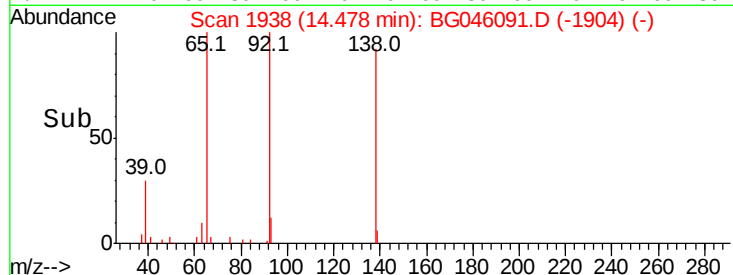
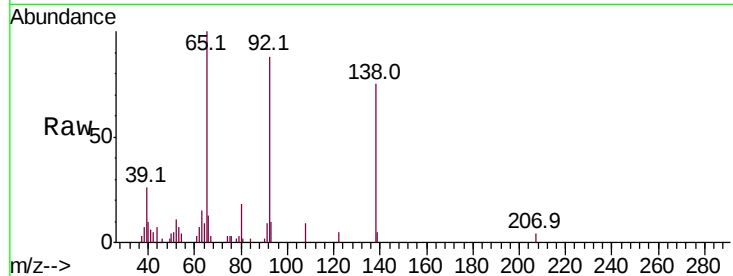
#49
3-Nitroaniline
Concen: 3.317 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	7.9	11.9#
92	117.5	89.9	134.9

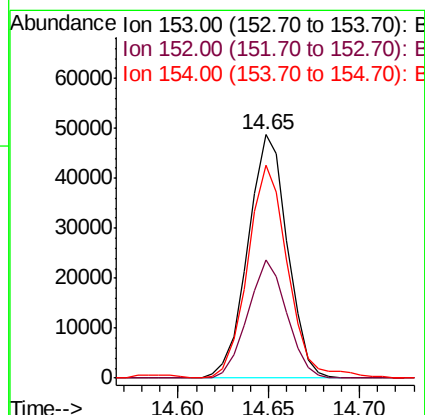
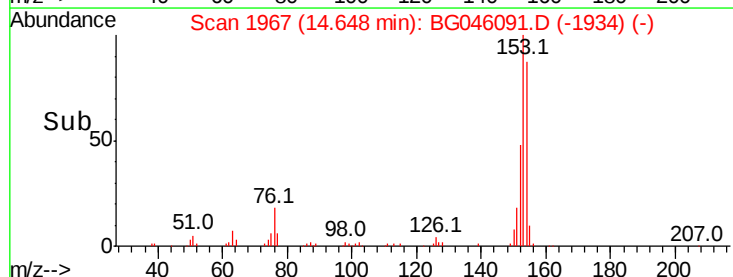
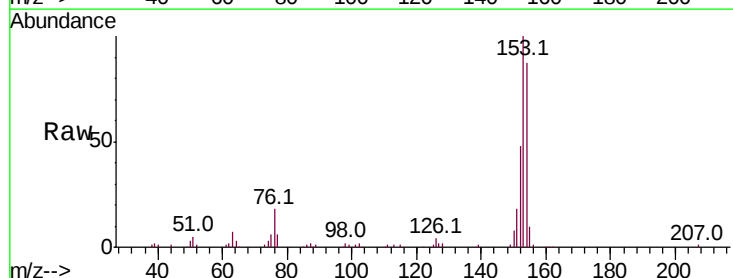
Manual Integrations
APPROVED

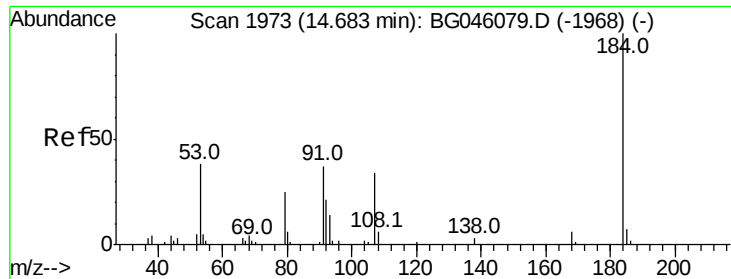
mohammad
7/28/2020 11:42:53 AM



#50
Acenaphthene
Concen: 4.094 ng/ul
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.0	58.4
154	87.5	70.7	106.1





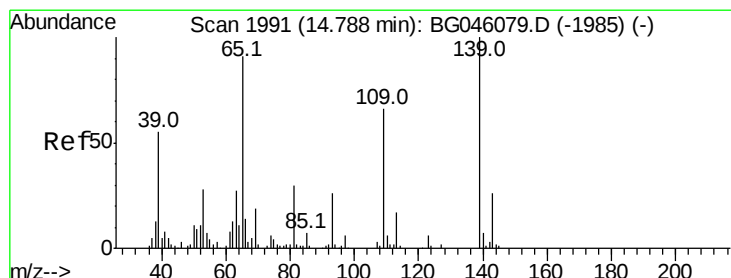
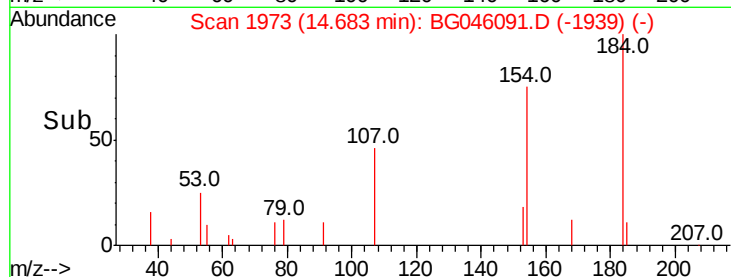
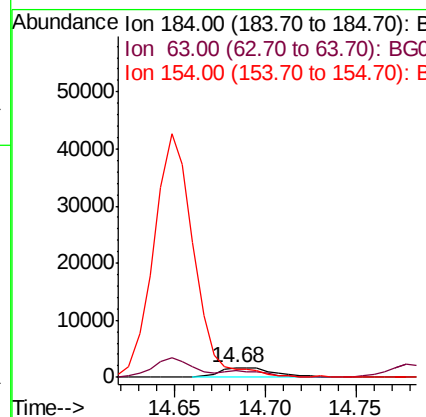
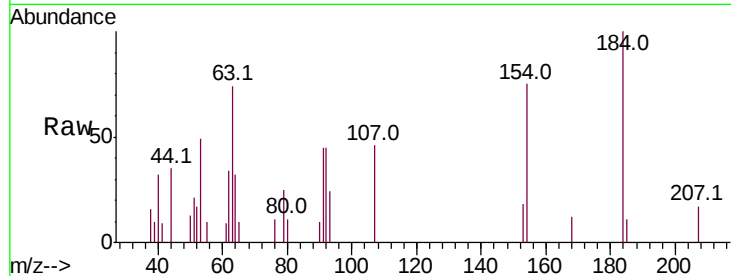
#51
 2,4-Dinitrophenol
 Concen: 2.107 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	35.7	53.5#
154	74.9	47.5	71.3#

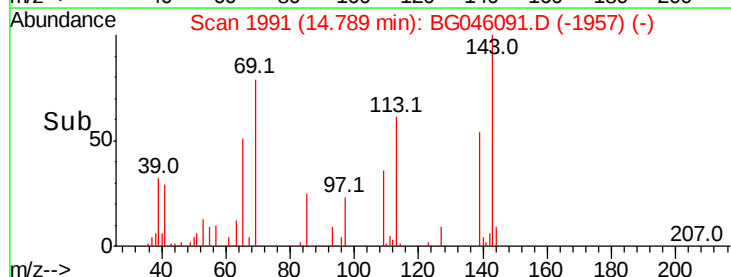
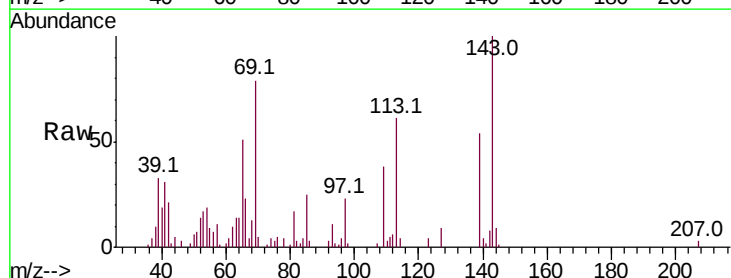
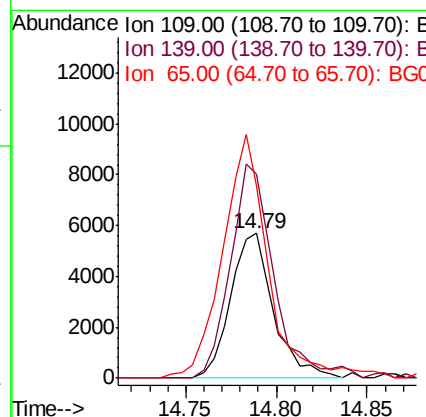
Manual Integrations
 APPROVED

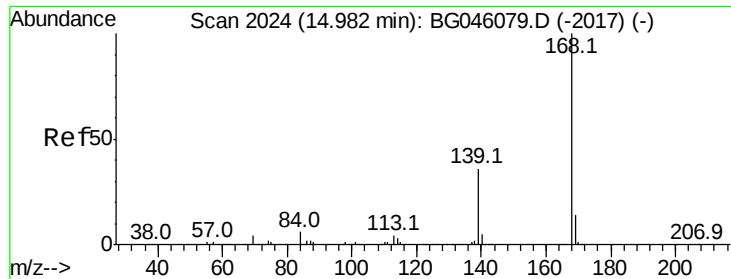
mohammad
 7/28/2020 11:42:53 AM



#53
 4-Nitrophenol
 Concen: 3.850 ng/ul
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
109	100		
139	141.4	120.2	180.2
65	133.3	99.6	149.4





#54

Dibenzenofuran

Concen: 4.391 ng/ul

RT: 14.98 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-05

Tot Ion:168 Resp: 108044

Ion Ratio Lower Upper

168 100

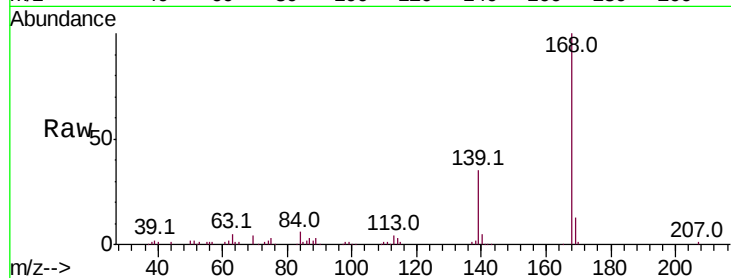
139 34.6 27.7 41.5

Manual Integrations

APPROVED

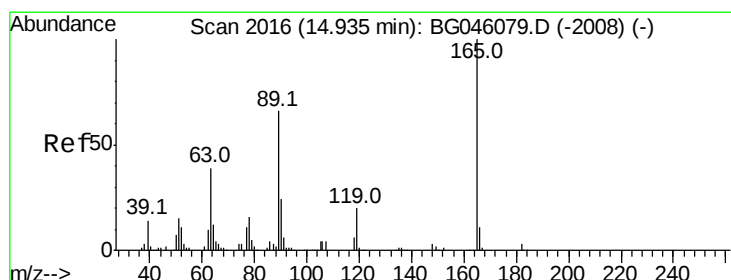
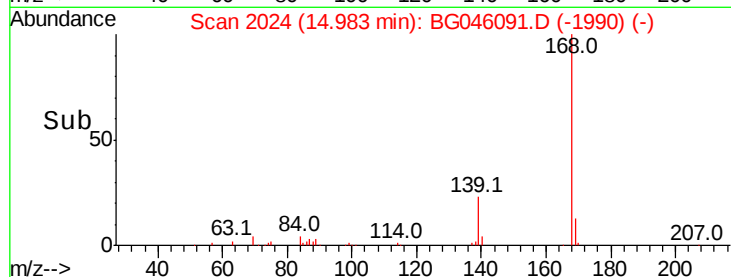
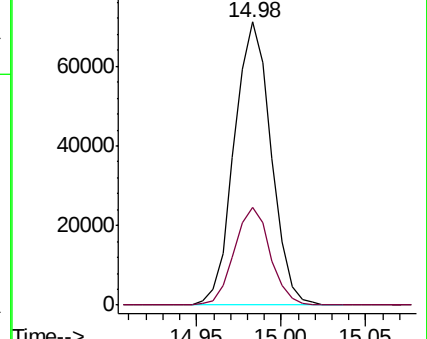
mohammad

7/28/2020 11:42:53 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.952 ng/ul

RT: 14.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

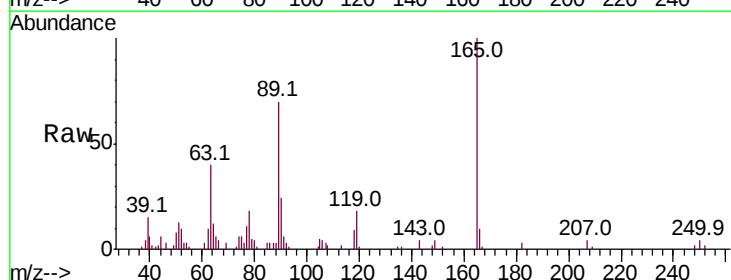
Tgt Ion:165 Resp: 22213

Ion Ratio Lower Upper

165 100

63 40.2 29.4 44.0

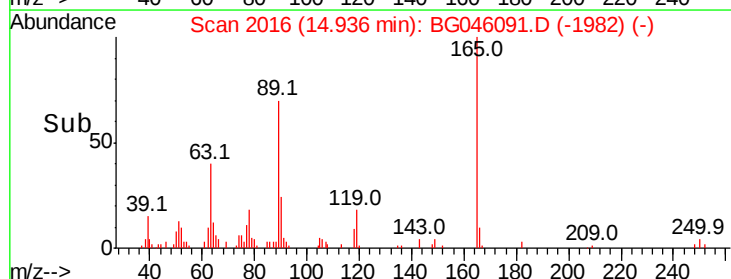
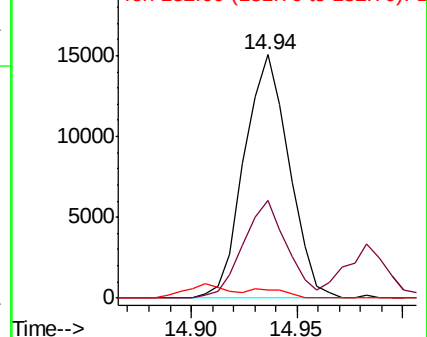
182 3.4 2.4 3.6

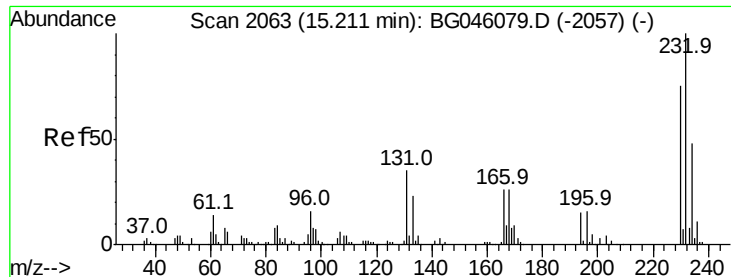


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





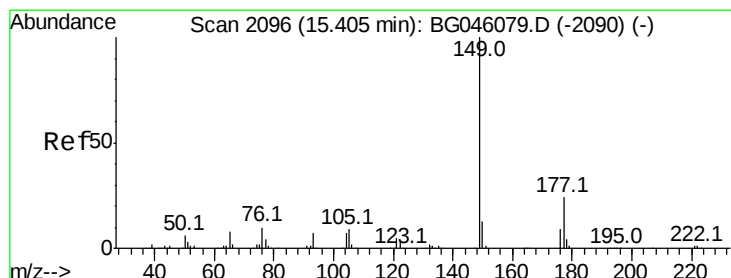
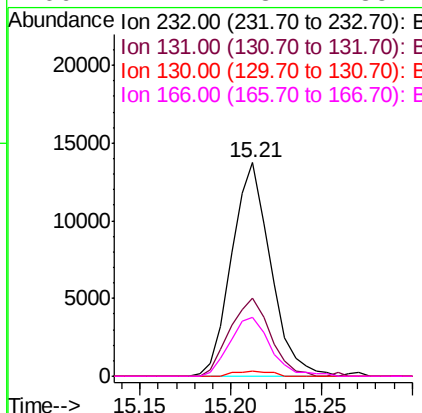
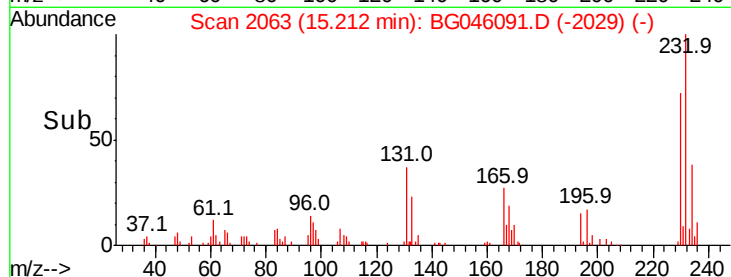
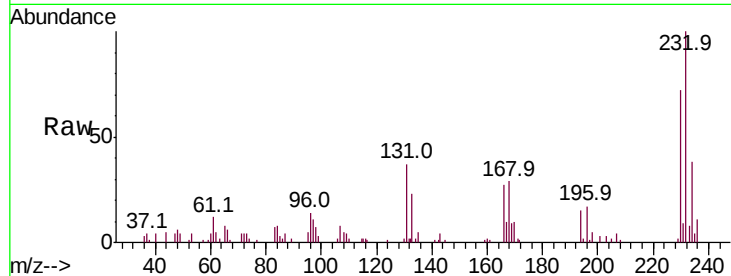
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.792 ng/ul
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.6	46.0
130	2.1	1.8	2.6
166	27.4	23.4	35.2

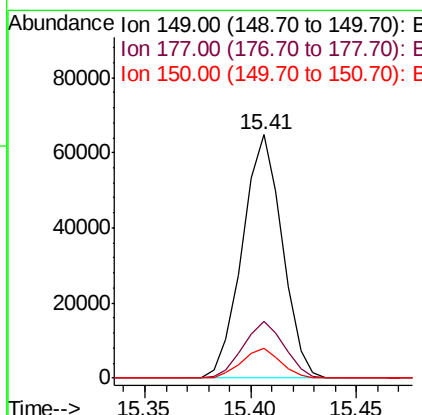
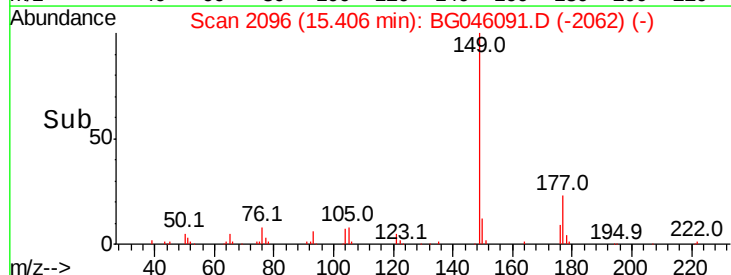
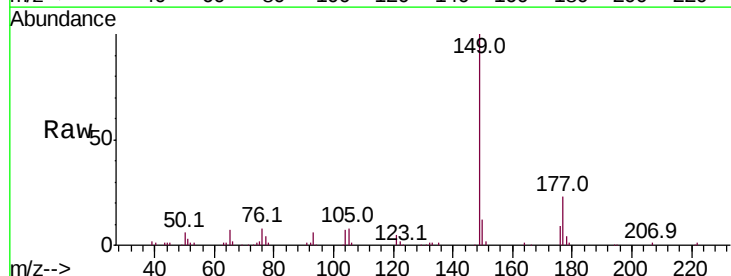
Manual Integrations
 APPROVED

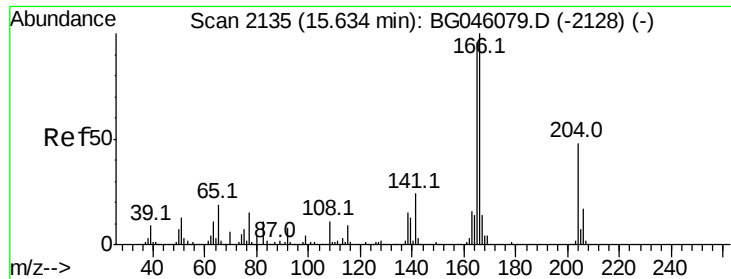
mohammad
 7/28/2020 11:42:53 AM



#57
 Diethylphthalate
 Concen: 4.162 ng/ul
 RT: 15.41 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.6
150	12.3	9.6	14.4





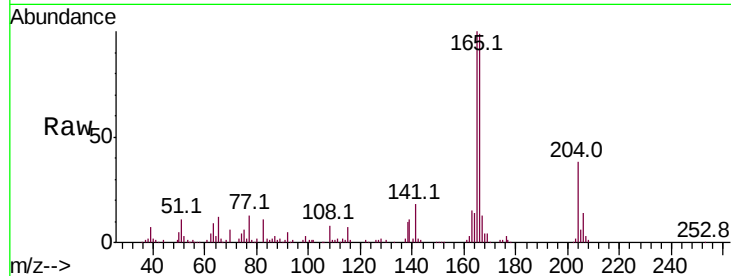
#59
Fluorene
 Concen: 4.149 ng/ul
 RT: 15.64 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	75.3	112.9
167	13.6	11.0	16.4

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

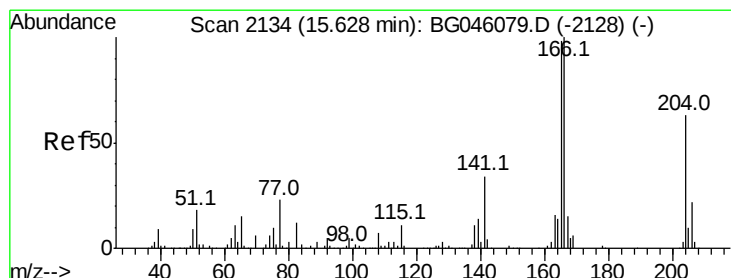
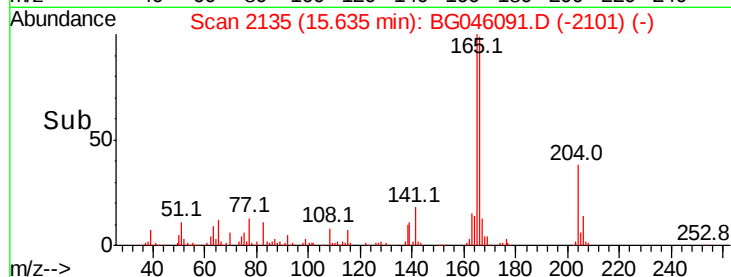
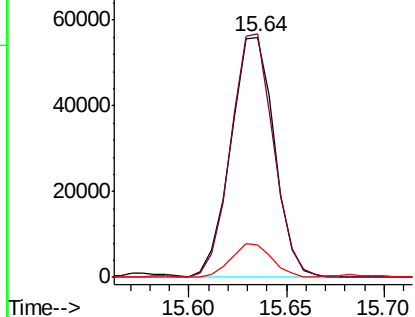


Abundance

Ion 166.00 (165.70 to 166.70): E

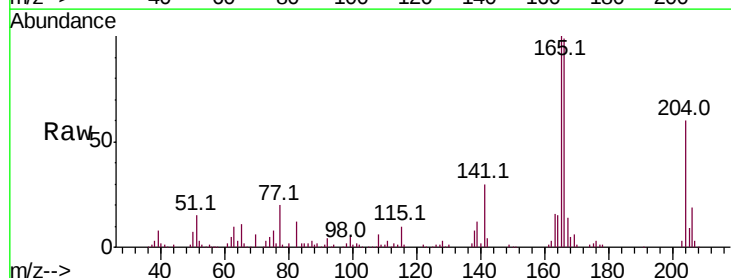
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60
4-Chlorophenyl-phenylether
 Concen: 4.107 ng/ul
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	28.2	42.2
141	50.5	44.6	66.8

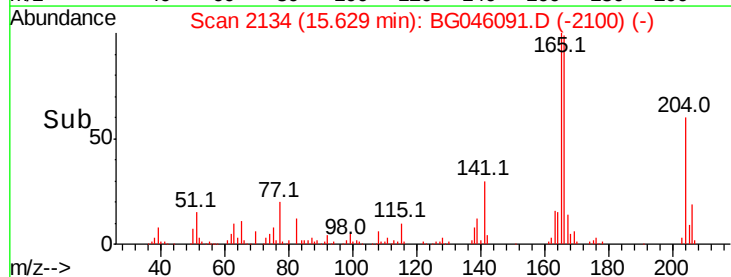
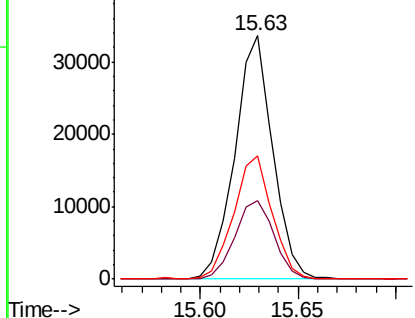


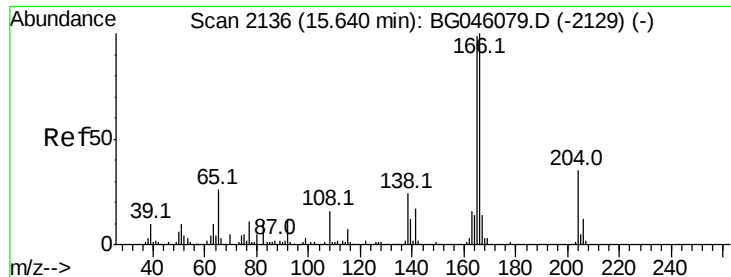
Abundance

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: 3.200 ng/ul m

RT: 15.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

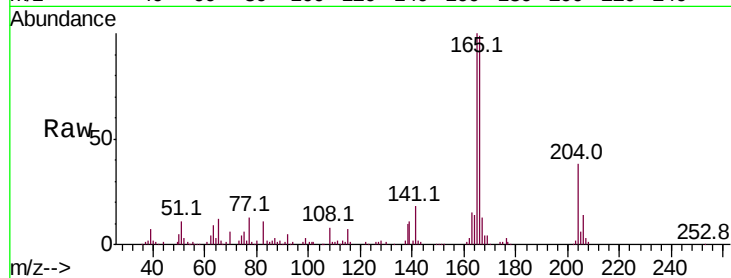
ClientSampleId :

MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	40.0	60.0
108	78.1	53.1	79.7

Manual Integrations
APPROVED

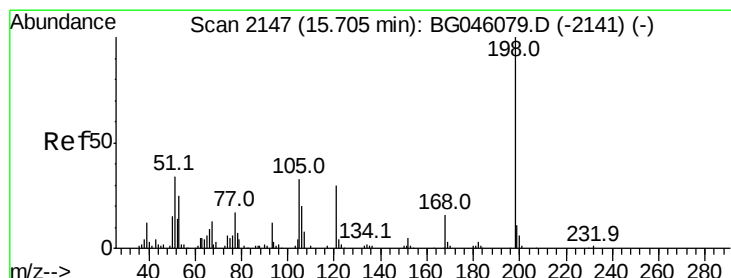
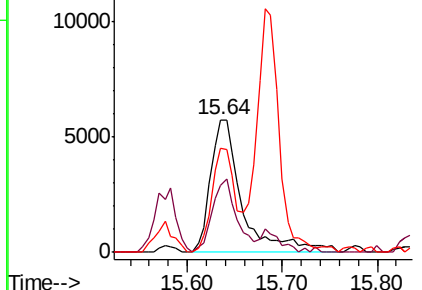
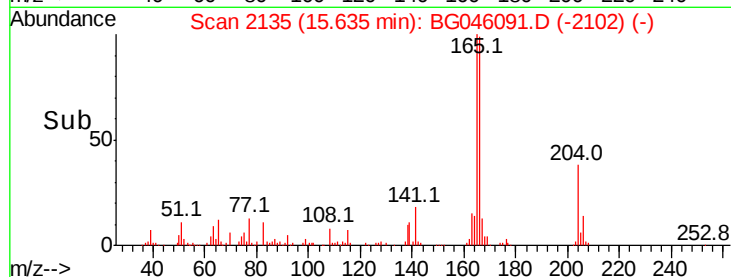
mohammad
7/28/2020 11:42:53 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 3.992 ng/ul

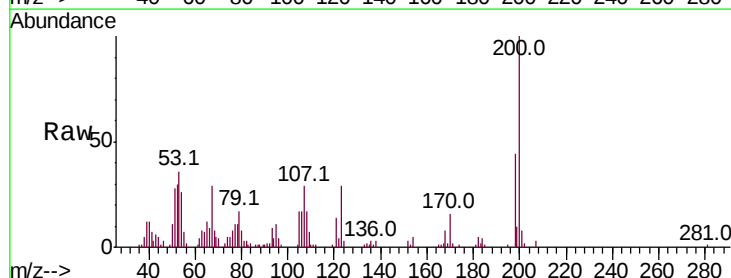
RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

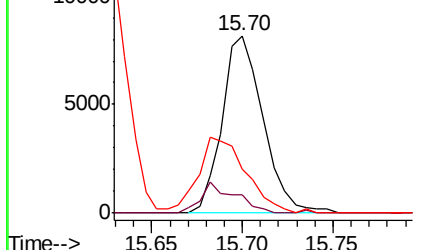
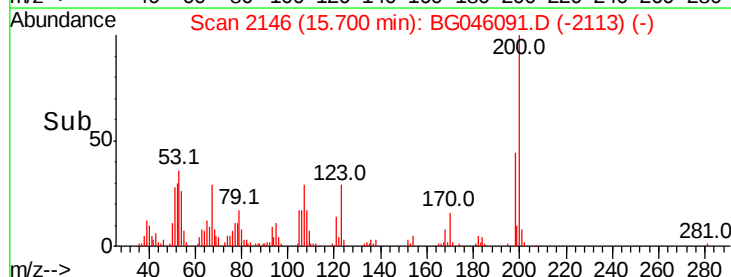
Tgt Ion	Ratio	Lower	Upper
198	100		
182	10.3	3.3	4.9#
77	24.6	15.4	23.0#

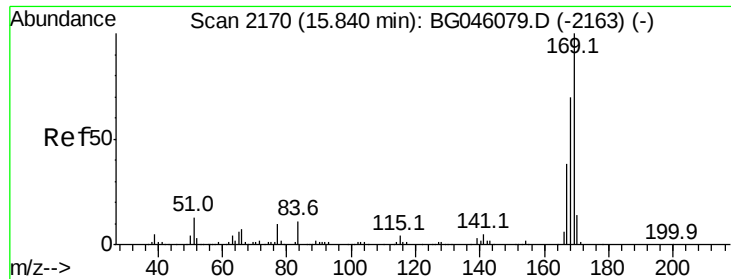


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG





#65

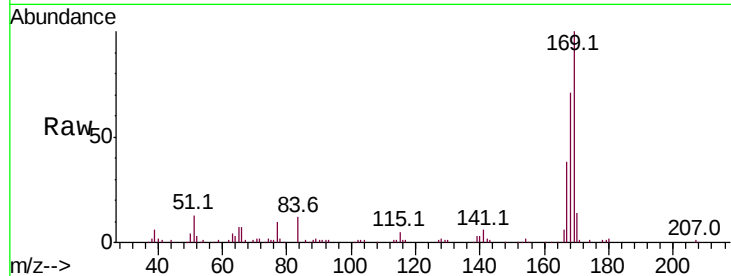
N-Nitrosodiphenylamine
Concen: 4.266 ng/ul
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampled :
MDL-ME-SOIL-05

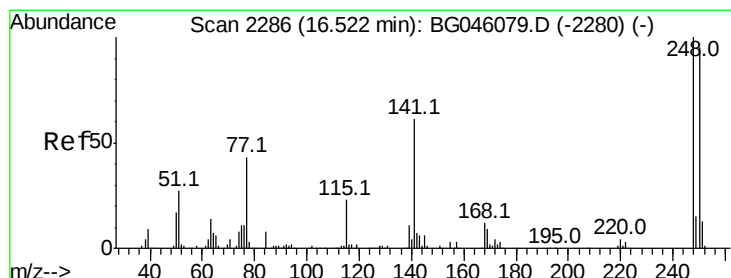
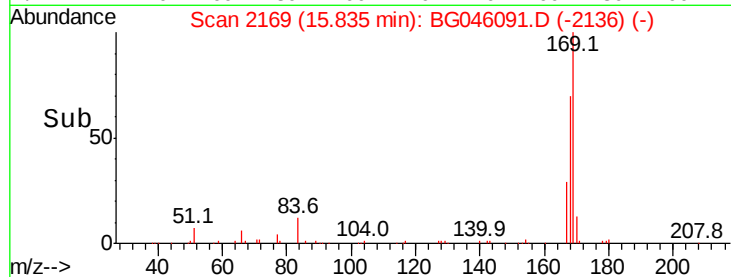
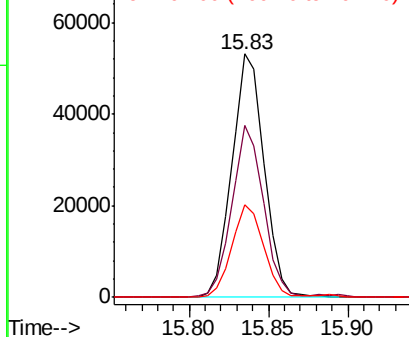
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.8	83.8
167	37.8	30.1	45.1

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



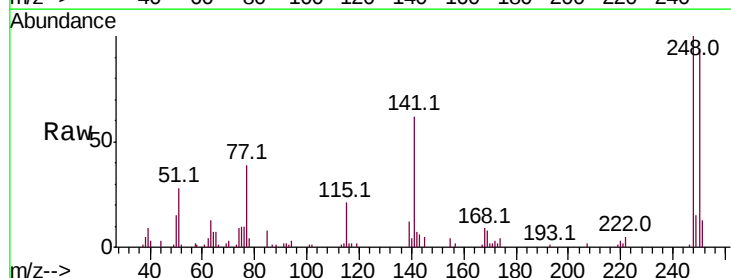
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



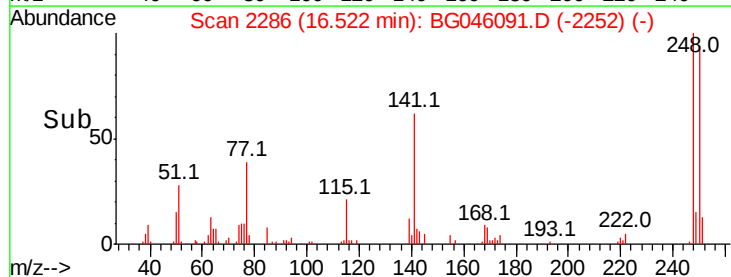
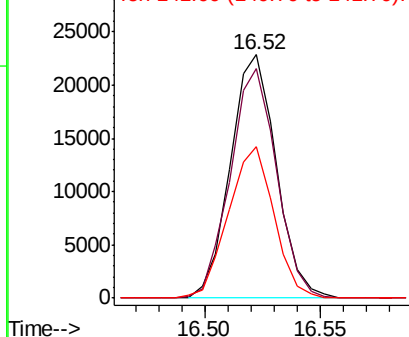
#66

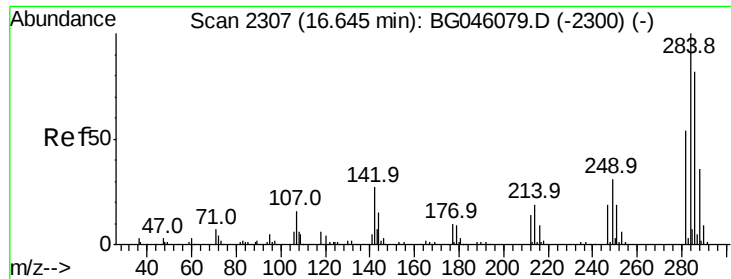
4-Bromophenyl-phenylether
Concen: 4.230 ng/ul
RT: 16.52 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	73.2	109.8
141	62.4	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: 4.238 ng/ul

RT: 16.64 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

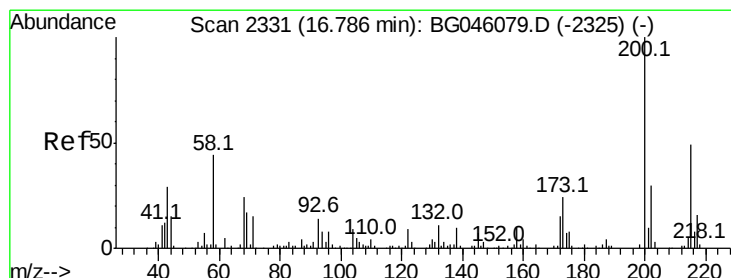
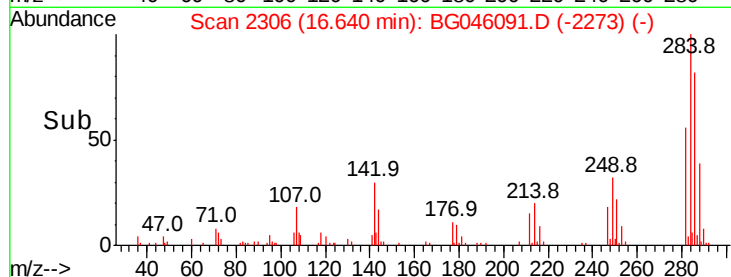
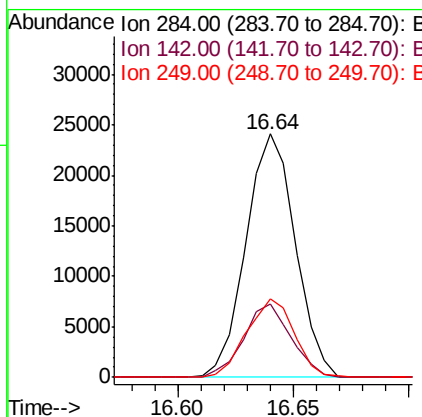
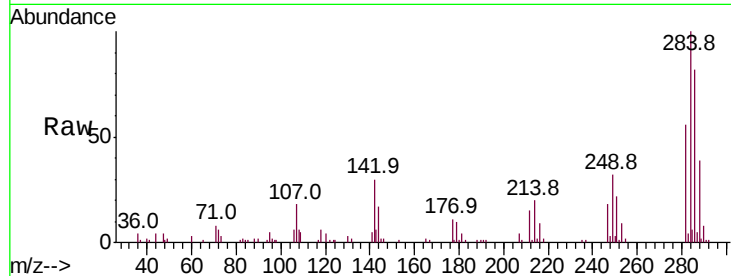
ClientSampleId :

MDL-ME-SOIL-05

Tot Ion:	284	Resp:	35852
Ion Ratio	Lower	Upper	
284	100		
142	30.4	21.8	32.6
249	32.3	24.8	37.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



#68

Atrazine

Concen: 4.042 ng/ul

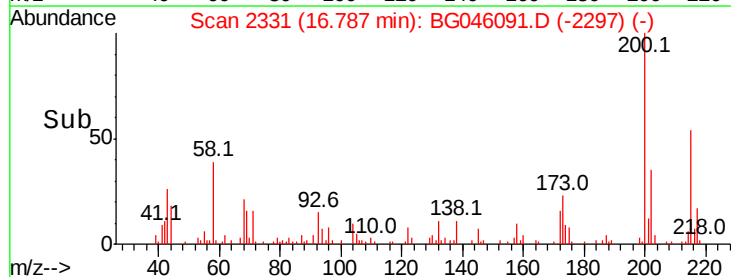
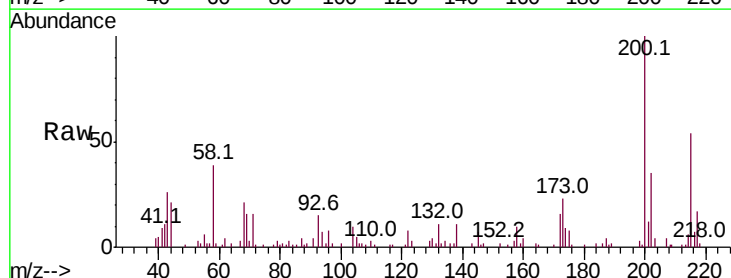
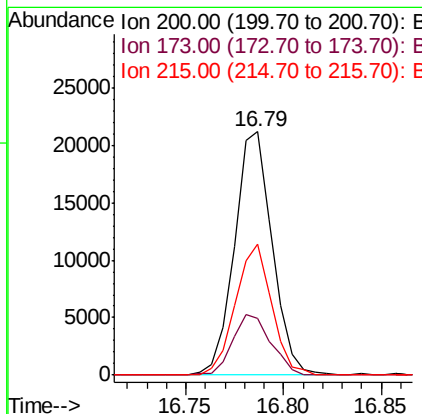
RT: 16.79 min Scan# 2331

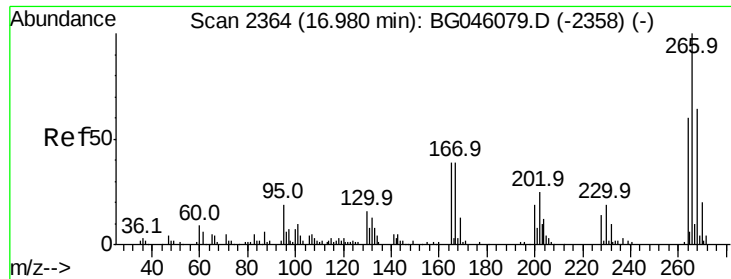
Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Tgt Ion:	200	Resp:	28335
Ion Ratio	Lower	Upper	
200	100		
173	23.1	19.0	28.6
215	53.5	42.6	63.8





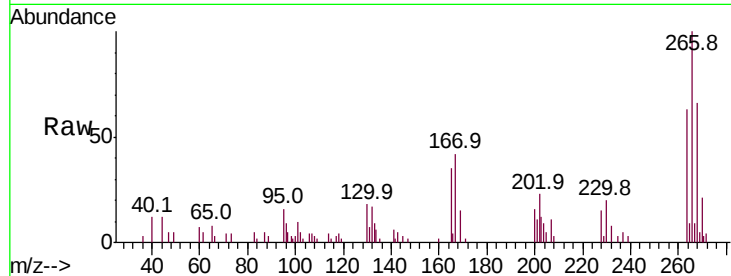
#69
 Pentachlorophenol
 Concen: 2.977 ng/ul m
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

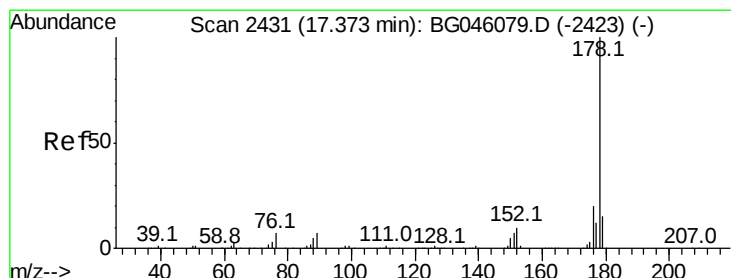
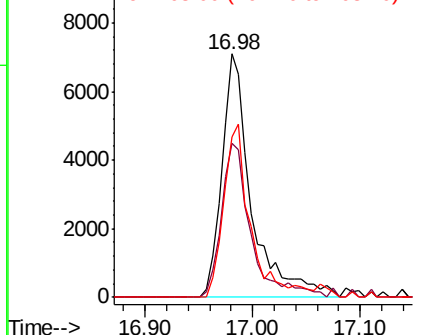
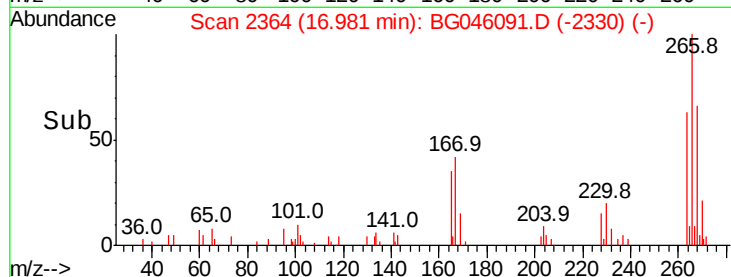
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.3	76.9
268	66.0	53.8	80.6

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

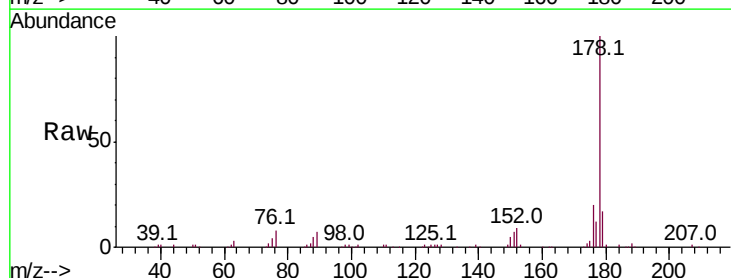


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

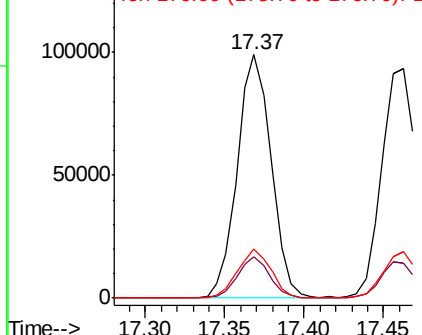
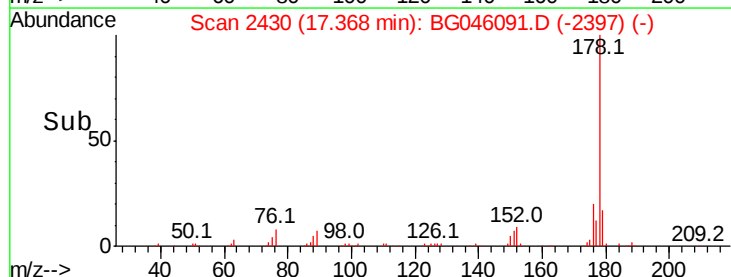


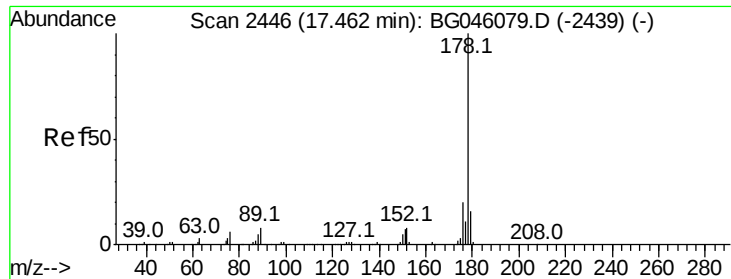
#70
 Phenanthrene
 Concen: 4.389 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.4	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





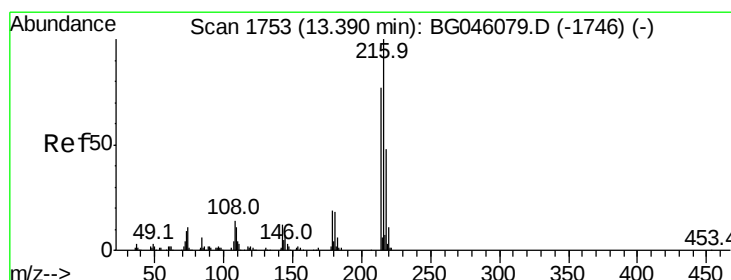
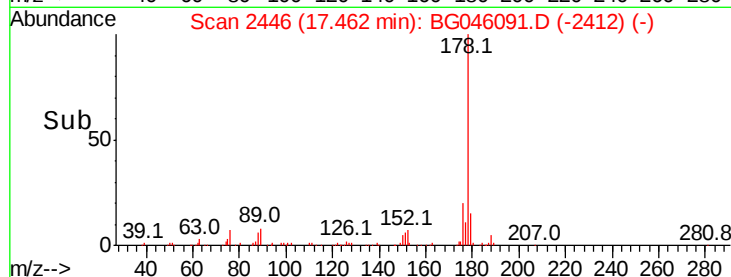
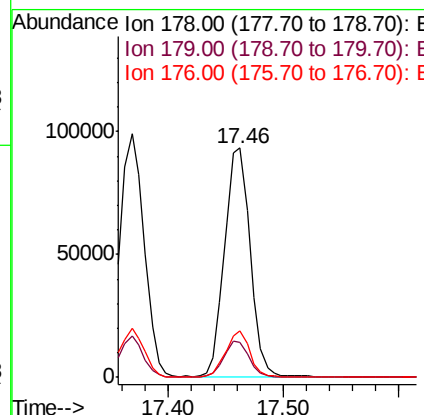
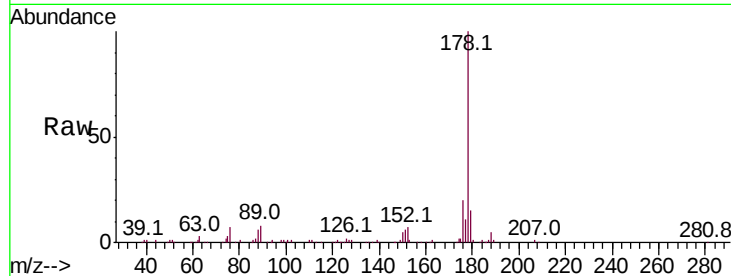
#72
 Anthracene
 Concen: 4.325 ng/ul
 RT: 17.46 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.7	19.1
176	20.1	15.8	23.8

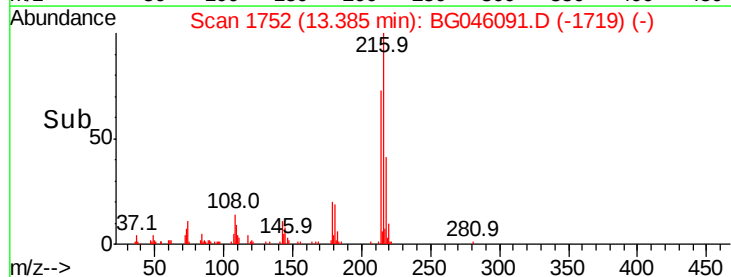
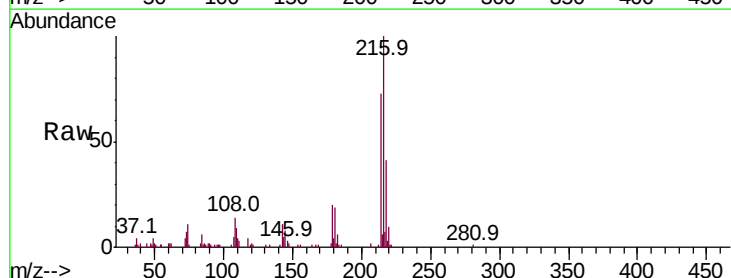
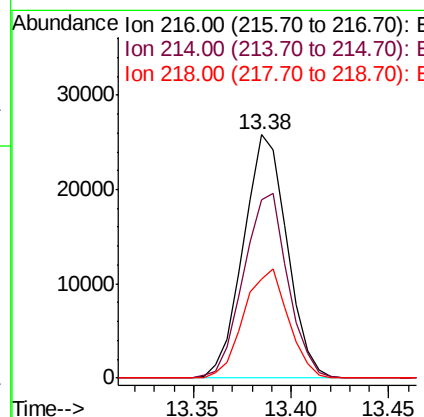
Manual Integrations
 APPROVED

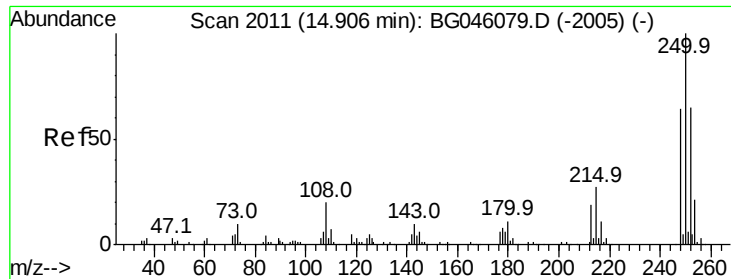
mohammad
 7/28/2020 11:42:53 AM



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.421 ng/uL
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	73.4	62.9	94.3
218	40.9	40.2	60.2





#74

Pentachlorobenzene

Concen: 4.230 ng/uL

RT: 14.91 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

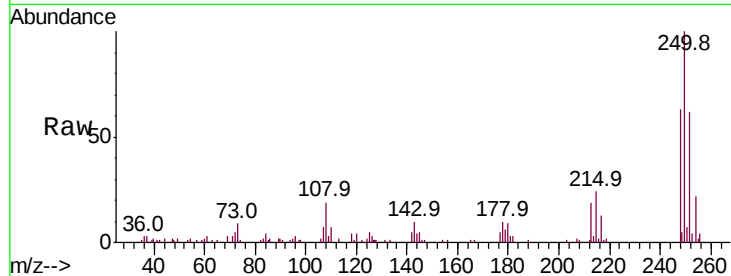
ClientSampleId :

MDL-ME-SOIL-05

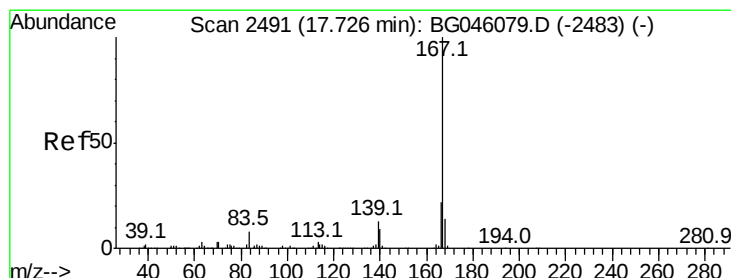
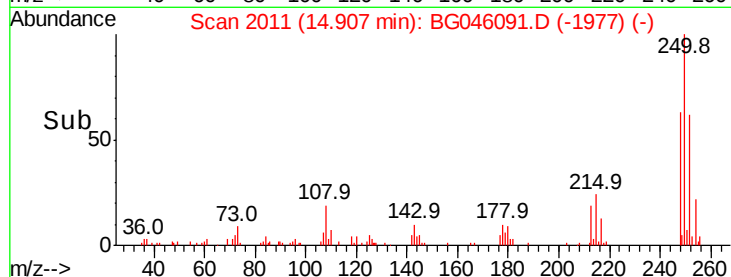
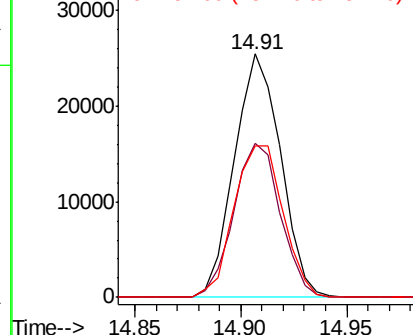
Tot Ion:	250	Resp:	38684
Ion Ratio	Lower	Upper	
250	100		
248	63.5	49.1	73.7
252	62.3	51.4	77.2

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 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: 4.491 ng/uL

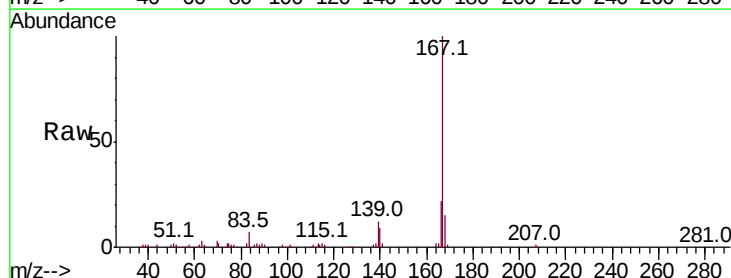
RT: 17.72 min Scan# 2490

Delta R.T. -0.01 min

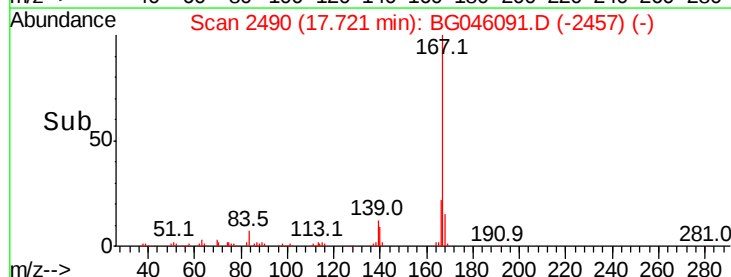
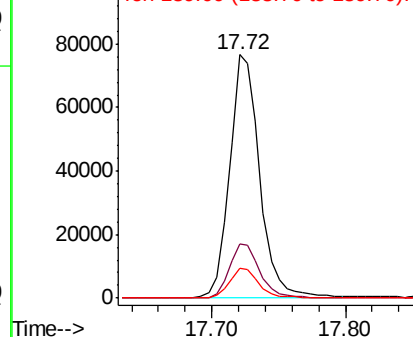
Lab File: BG046091.D

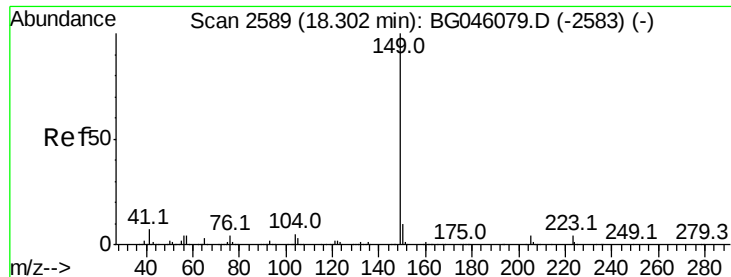
Acq: 27 Jul 2020 16:59

Tgt Ion:	167	Resp:	120858
Ion Ratio	Lower	Upper	
167	100		
166	22.5	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





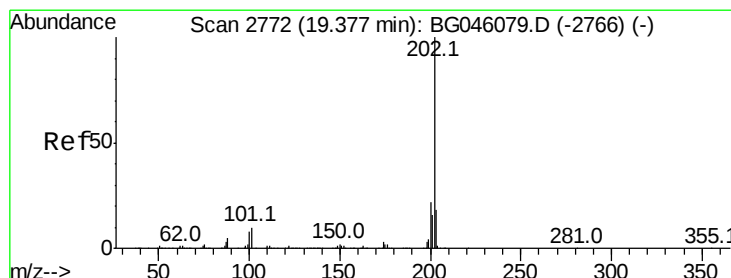
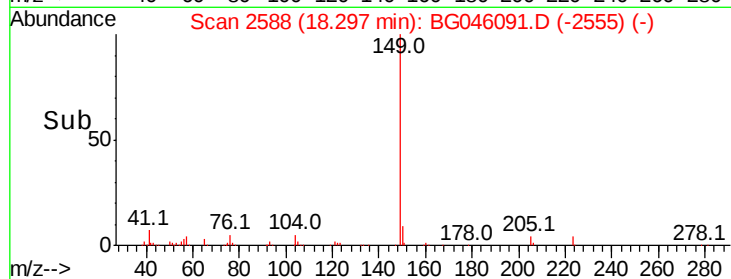
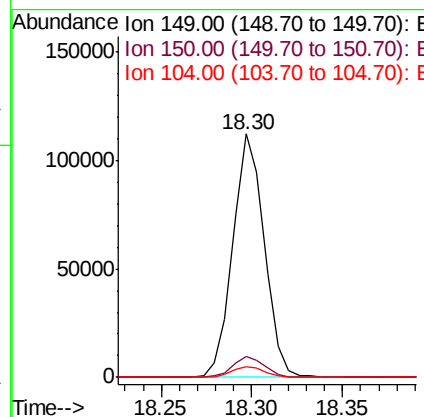
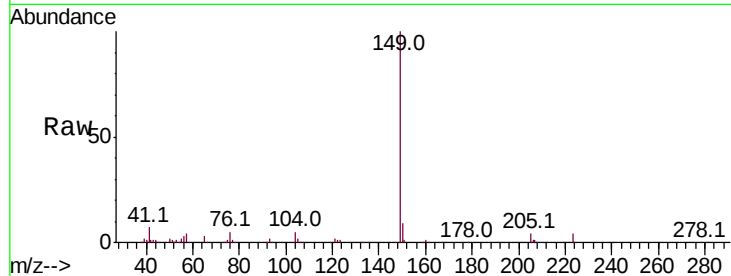
#76
Di-n-butylphthalate
Concen: 4.069 ng/ul
RT: 18.30 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.5	7.7	11.5	
104	4.6	4.1	6.1	

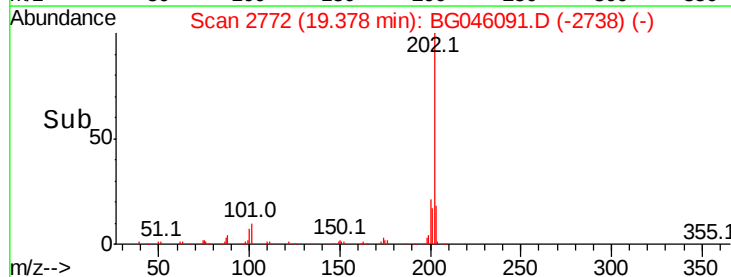
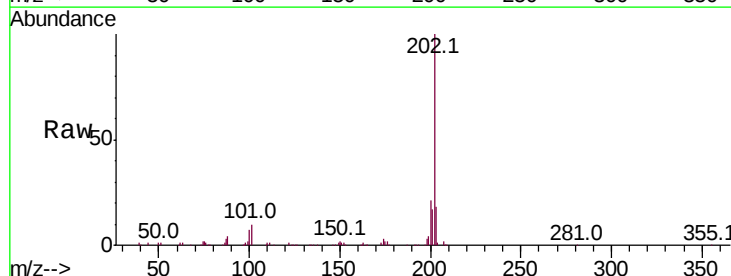
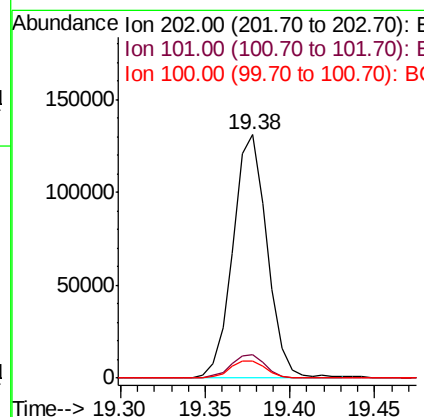
Manual Integrations
APPROVED

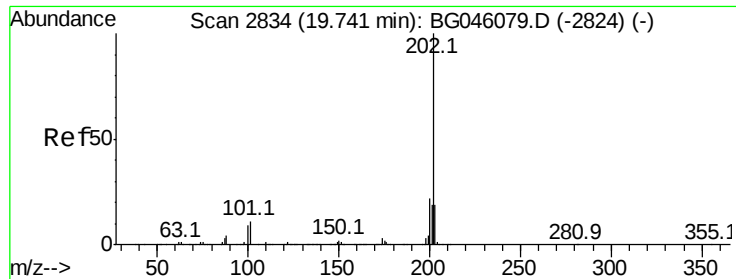
mohammad
7/28/2020 11:42:53 AM



#77
Fluoranthene
Concen: 4.997 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.6	7.8	11.6	
100	6.9	6.5	9.7	





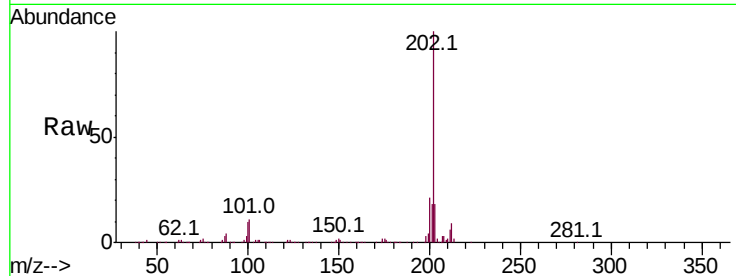
#80
Pvrene
Concen: 4.383 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

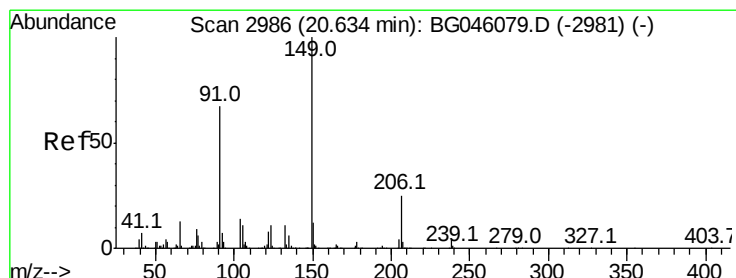
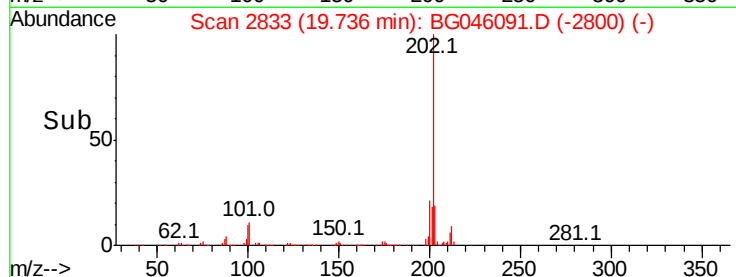
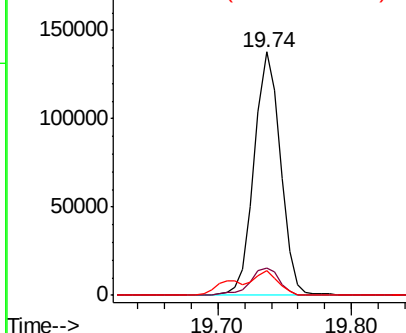
Tot Ion:	202	Resp:	188215
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.0	13.4
100	10.0	7.6	11.4

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM

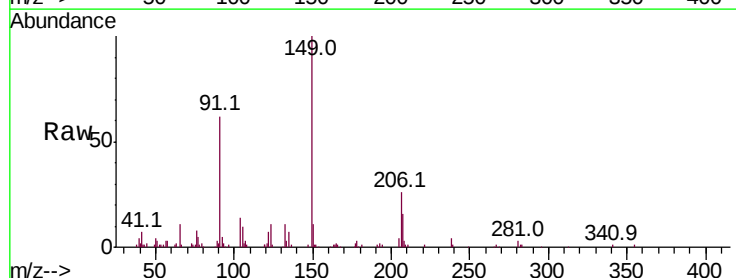


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

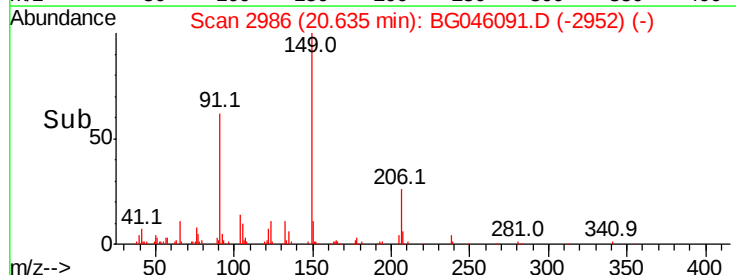
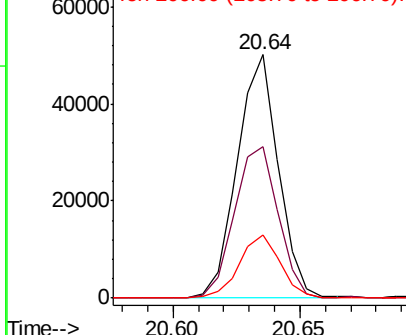


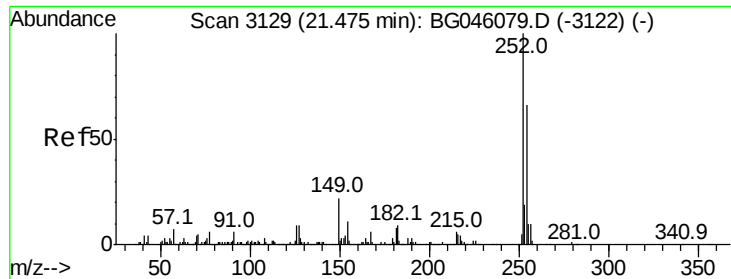
#81
Butylbenzylphthalate
Concen: 3.845 ng/ul
RT: 20.64 min Scan# 2986
Delta R.T. 0.00 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion:	149	Resp:	56675
Ion Ratio	Lower	Upper	
149	100		
91	62.0	55.1	82.7
206	26.1	19.8	29.8



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





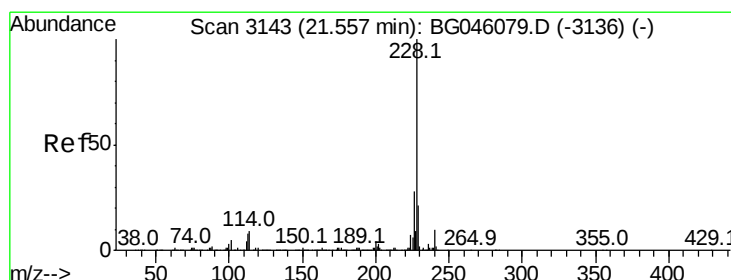
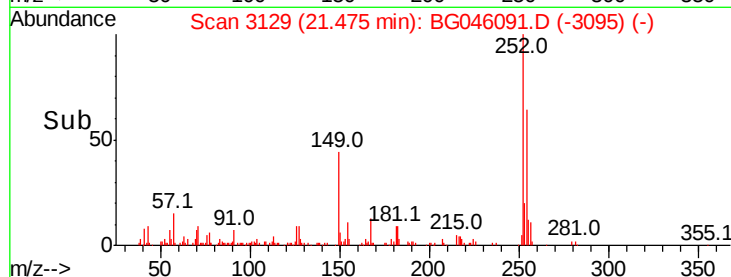
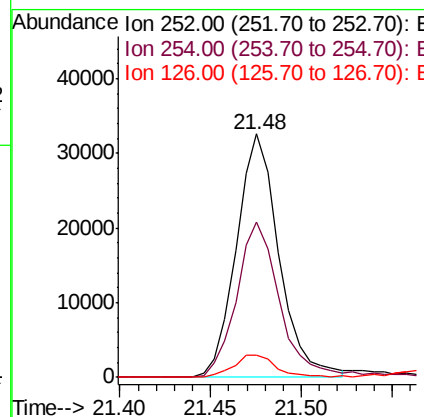
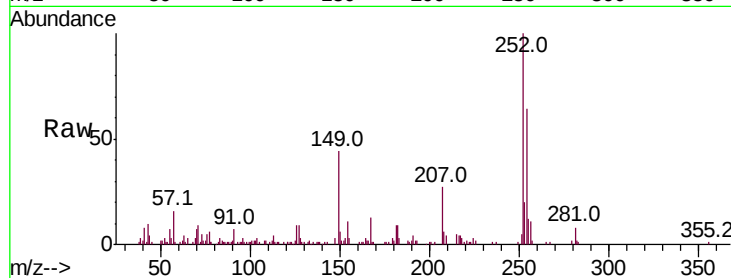
#82
 3,3'-Dichlorobenzidine
 Concen: 3.904 ng/ul
 RT: 21.48 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.7	77.5
126	8.9	7.0	10.4

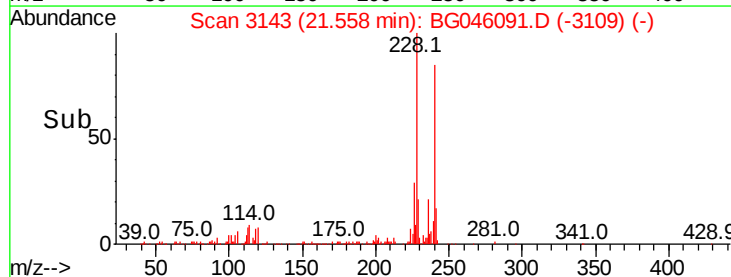
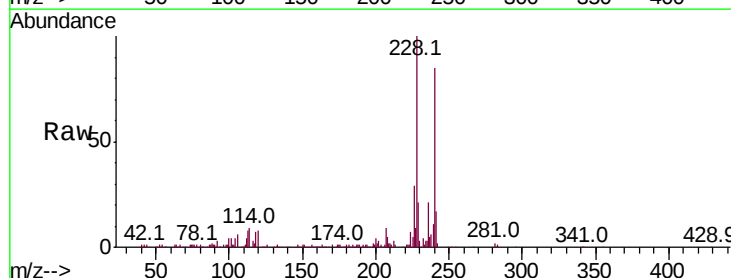
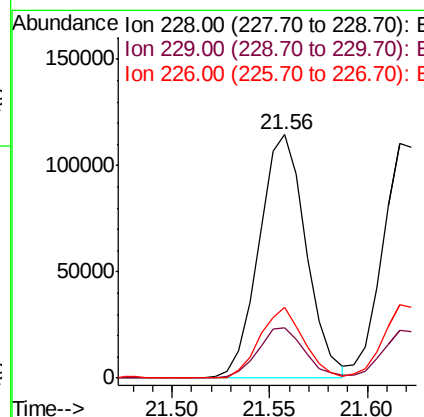
Manual Integrations
 APPROVED

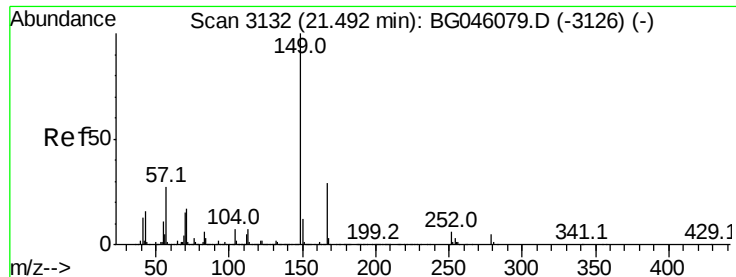
mohammad
 7/28/2020 11:42:53 AM



#83
 Benzo(a)anthracene
 Concen: 4.546 ng/ul
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	29.2	22.6	33.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.830 ng/ul

RT: 21.49 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

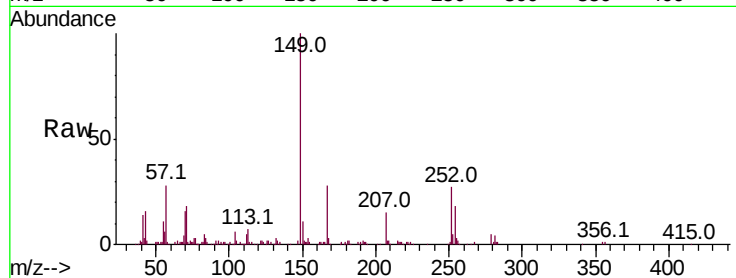
ClientSampleId :

MDL-ME-SOIL-05

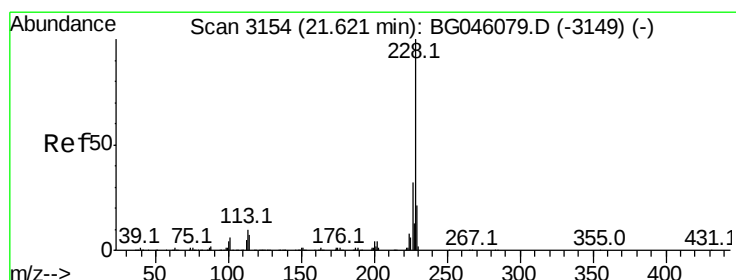
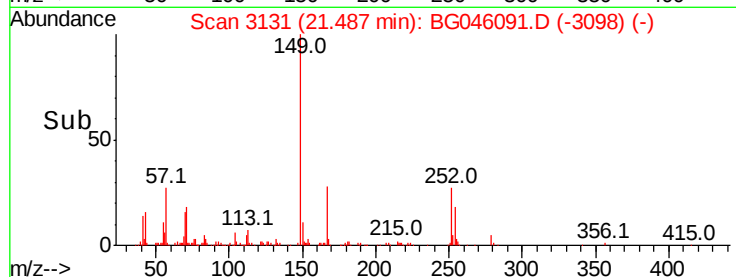
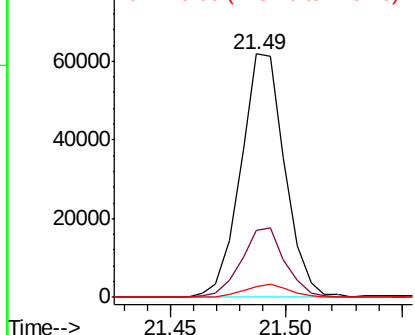
Tot Ion:	149	Resp:	82113
Ion Ratio	Lower	Upper	
149	100		
167	27.6	24.6	37.0
279	4.6	4.1	6.1

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



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: 4.503 ng/ul

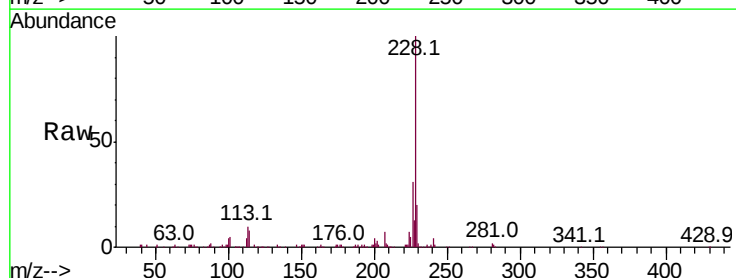
RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

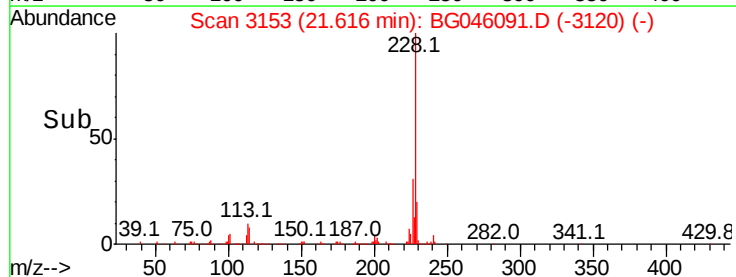
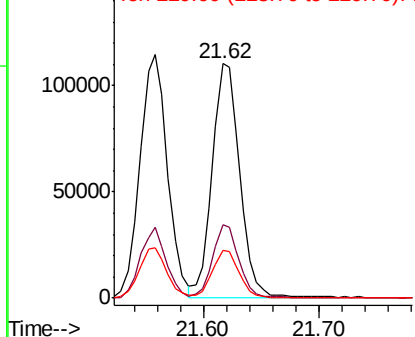
Lab File: BG046091.D

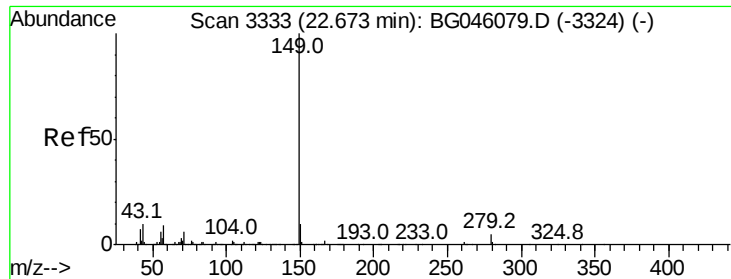
Acq: 27 Jul 2020 16:59

Tgt Ion:	228	Resp:	183079
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.3	37.9
229	20.3	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





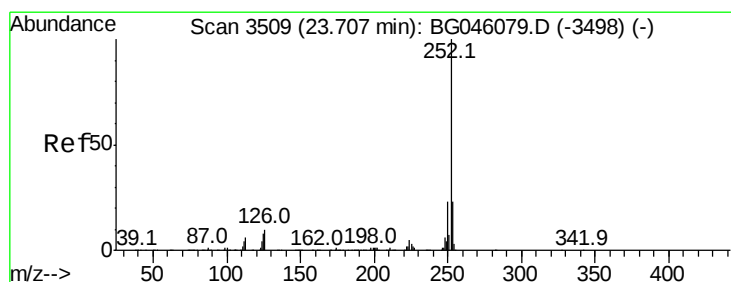
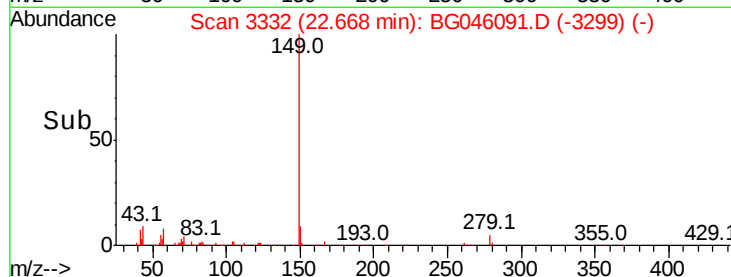
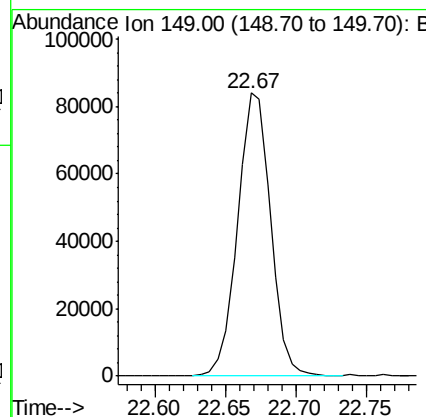
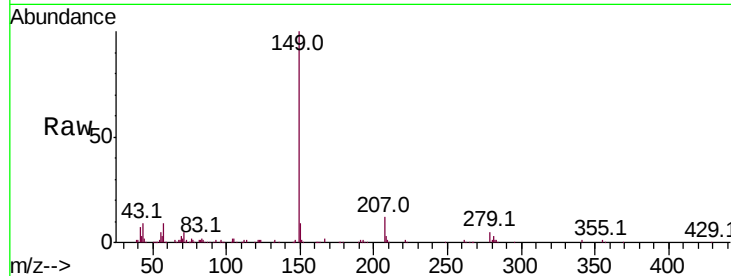
#87
Di-n-octyl phthalate
Concen: 3.713 ng/ul
RT: 22.67 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tgt Ion:149 Resp: 137193

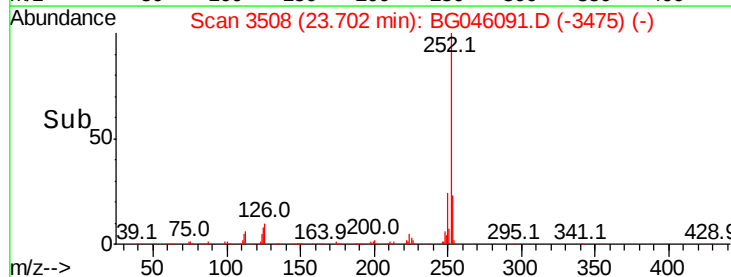
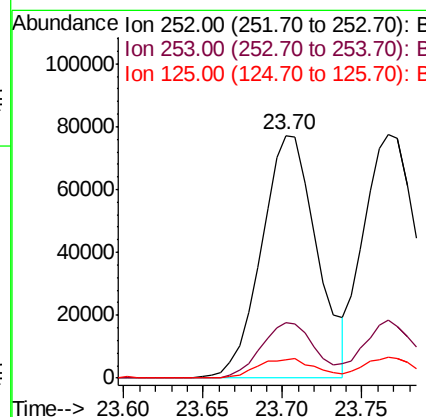
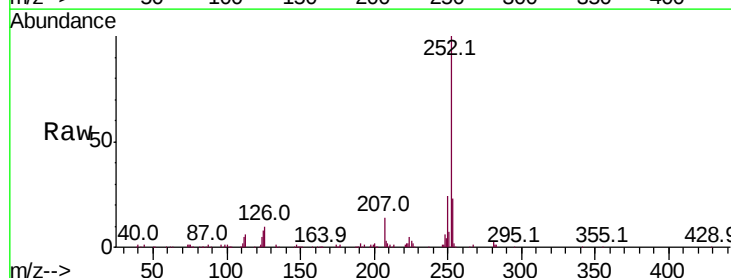
Manual Integrations
APPROVED

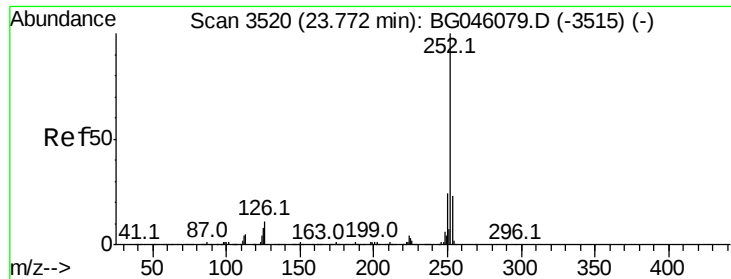
mohammad
7/28/2020 11:42:53 AM



#88
Benzo(b)fluoranthene
Concen: 3.909 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion:252 Resp: 186714
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 7.8 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 3.761 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Instrument :

BNA_G

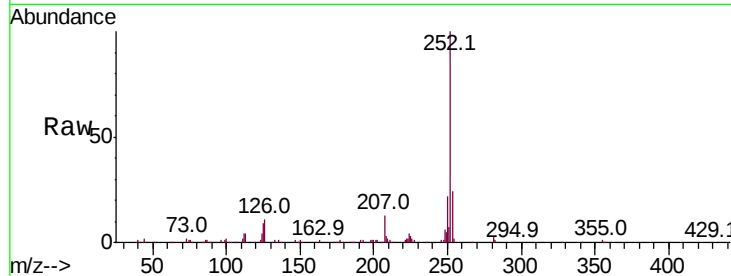
ClientSampleId :

MDL-ME-SOIL-05

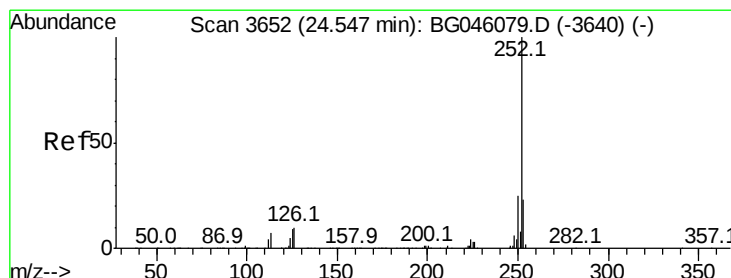
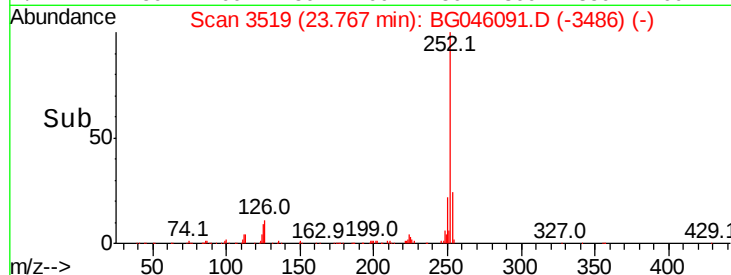
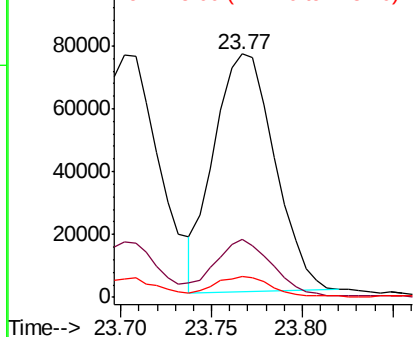
Tot Ion:	252	Resp:	176383
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.8	28.2
125	8.6	6.7	10.1

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM



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



#91

Benzo(a)pyrene

Concen: 4.237 ng/ul m

RT: 24.54 min Scan# 3651

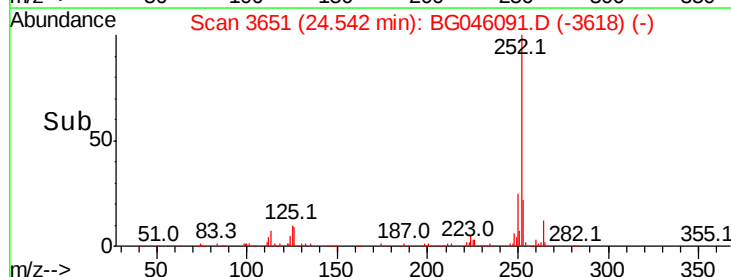
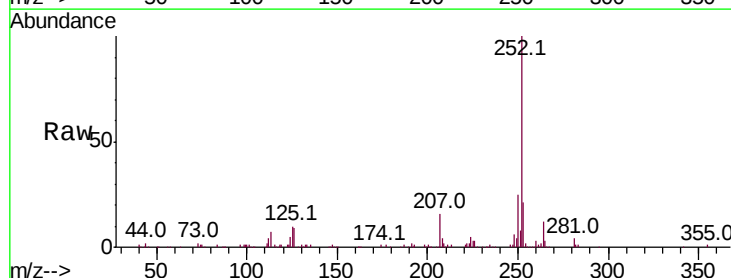
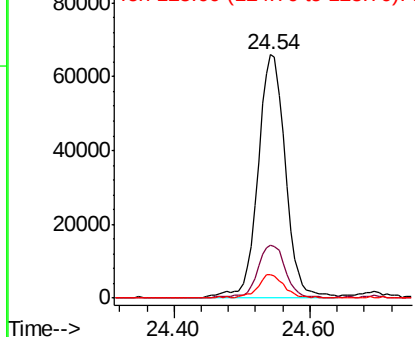
Delta R.T. -0.01 min

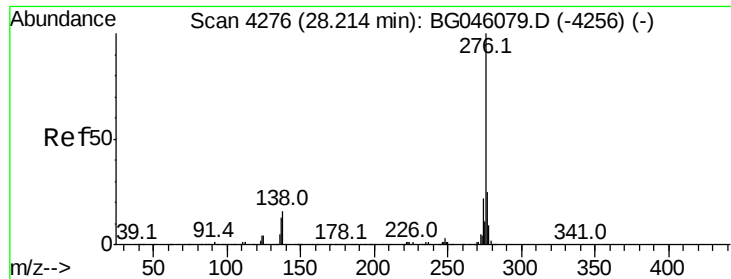
Lab File: BG046091.D

Acq: 27 Jul 2020 16:59

Tgt Ion:	252	Resp:	185613
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	9.8	7.4	11.2

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





#92

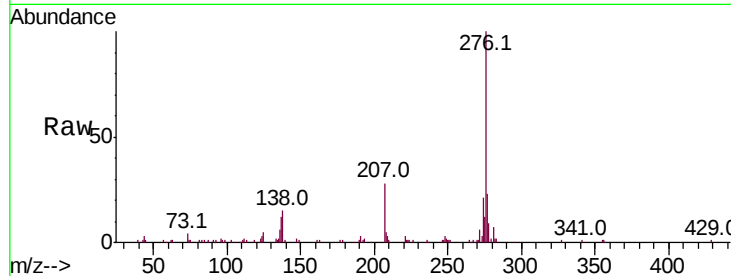
Indeno(1,2,3-cd)pyrene
Concen: 3.658 ng/ul
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-05

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.6	18.8
277	22.6	18.5	27.7

Manual Integrations
APPROVED

mohammad
7/28/2020 11:42:53 AM

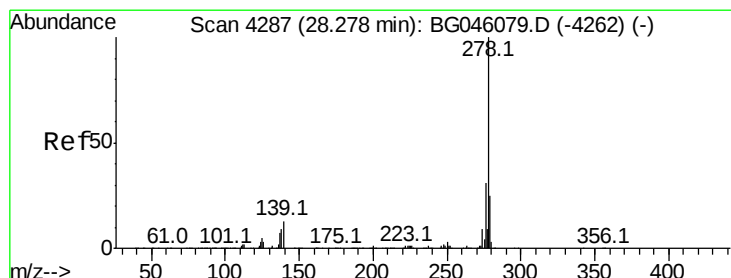
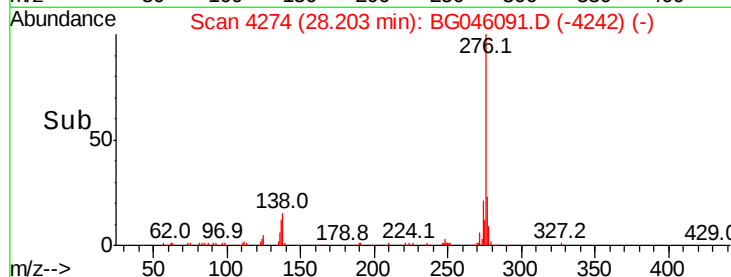
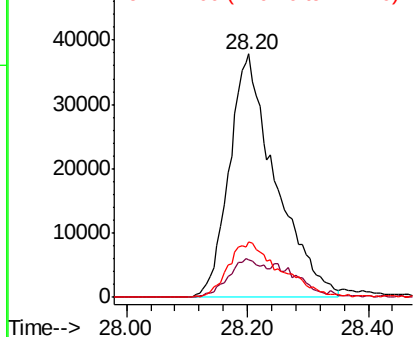


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

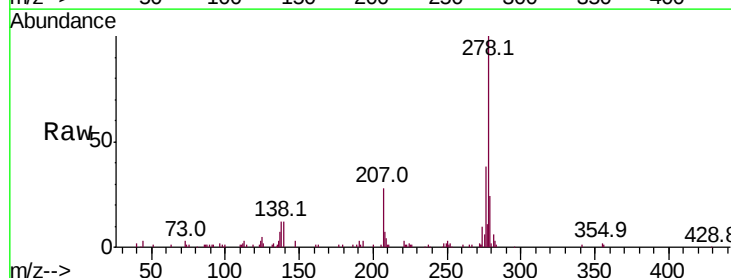
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 3.700 ng/ul
RT: 28.26 min Scan# 4284
Delta R.T. -0.02 min
Lab File: BG046091.D
Acq: 27 Jul 2020 16:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.6	16.0
279	23.6	19.4	29.0

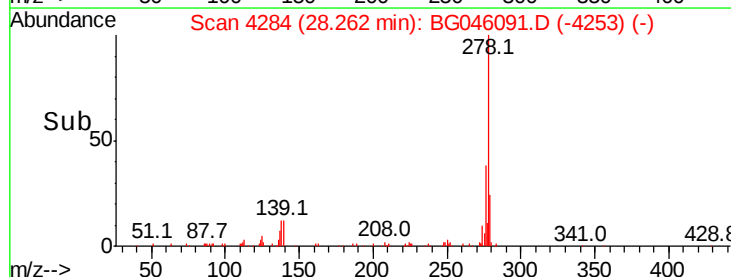
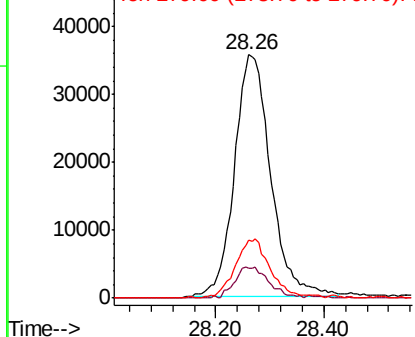


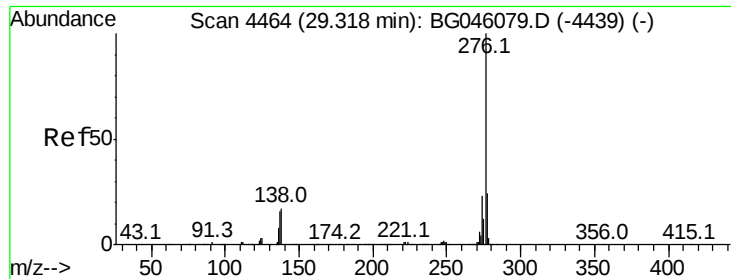
Abundance

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





#94
 Benzo(a,h,i)perylene
 Concen: 3.793 ng/ul
 RT: 29.30 min Scan# 4460
 Delta R.T. -0.02 min
 Lab File: BG046091.D
 Acq: 27 Jul 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-05

Tot Ion:	276	Resp:	175369
Ion Ratio	Lower	Upper	
276	100		
138	14.5	13.6	20.4
277	21.9	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:42:53 AM

