

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046060.D
 Acq On : 24 Jul 2020 11:35
 Operator : CG/JU
 Sample : L1955-02
 Misc : MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

Quant Time: Jul 27 11:11:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	91150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	377393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	259192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	574317	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	590391	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	659804	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3557	1.93	ng/uL	0.00
5) Phenol-d5	7.13	99	204363	28.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	129004	29.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	165179	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	167812	27.81	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	78536	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	85307	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	173971	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	238741	34.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	589406	29.16	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	708108	29.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	83168	25.19	ng/ul	0.00
58) Fluorene-d10	15.58	176	530599	28.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	71893	25.01	ng/ul	0.00
71) Anthracene-d10	17.43	188	796055	30.06	ng/ul	0.00
79) Pyrene-d10	19.71	212	954942	30.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1016395	27.79	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.45	88	3375	1.493	ng/uL	94
4) Benzaldehyde	7.10	77	12379	2.427	ng/ul	96
6) Phenol	7.15	94	28760	3.904	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.38	93	23465	3.891	ng/ul	94
10) 2-Chlorophenol	7.53	128	23249	4.006	ng/ul	95
11) 2-Methylphenol	8.40	108	20779	3.500	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.50	45	41414	4.064	ng/ul	98
14) Acetophenone	8.78	105	36261	4.073	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.77	70	18395	3.818	ng/ul	98
16) 4-Methylphenol	8.73	108	23547	3.702	ng/ul	91
17) Hexachloroethane	9.05	117	9666	3.925	ng/ul	92
20) Nitrobenzene	9.15	77	26189	3.826	ng/ul	94
21) Isophorone	9.68	82	48021	3.589	ng/ul	99
23) 2-Nitrophenol	9.86	139	12529	4.110	ng/ul	96
24) 2,4-Dimethylphenol	9.94	107	22711	3.362	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.16	93	31587	3.733	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	24421	4.020	ng/ul	93
28) Naphthalene	10.81	128	80405	3.981	ng/ul	97
30) 4-Chloroaniline	10.91	127	31687	4.746	ng/ul	98
31) Hexachlorobutadiene	11.11	225	18660	3.991	ng/ul	97
32) Caprolactam	11.68	113	5965m	2.913	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	20710	3.325	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	61827	4.072	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046060.D
 Acq On : 24 Jul 2020 11:35
 Operator : CG/JU
 Sample : L1955-02
 Misc : MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

Quant Time: Jul 27 11:11:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	60617	4.042	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	37061	4.136	ng/uL	99
38) Hexachlorocyclopentadiene	12.77	237	12177	2.373	ng/uL	99
39) 2,4,6-Trichlorophenol	13.02	196	17638	3.367	ng/uL	99
40) 2,4,5-Trichlorophenol	13.09	196	19504	3.425	ng/uL	98
41) 1,1'-Biphenyl	13.42	154	82821	4.130	ng/uL	98
42) 2-Chloronaphthalene	13.46	162	64067	4.004	ng/uL	95
43) 2-Nitroaniline	13.66	65	12414	3.291	ng/uL	91
45) Dimethylphthalate	14.04	163	80081	3.950	ng/uL	98
46) 2,6-Dinitrotoluene	14.15	165	12404	3.208	ng/uL	94
48) Acenaphthylene	14.31	152	97274	3.963	ng/uL	99
49) 3-Nitroaniline	14.48	138	10489	2.880	ng/uL#	88
50) Acenaphthene	14.65	153	67711	3.831	ng/uL	95
51) 2,4-Dinitrophenol	14.68	184	3427	2.002	ng/uL#	71
53) 4-Nitrophenol	14.79	109	8227	3.473	ng/uL	97
54) Dibenzofuran	14.98	168	99189	4.115	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	19455	3.534	ng/uL#	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	18863	3.553	ng/uL#	91
57) Diethylphthalate	15.41	149	77020	3.846	ng/uL	98
59) Fluorene	15.63	166	81493	3.987	ng/uL	95
60) 4-Chlorophenyl-phenylether	15.63	204	42890	3.994	ng/uL	95
61) 4-Nitroaniline	15.63	138	11704m	2.883	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	10997	3.592	ng/uL#	76
65) N-Nitrosodiphenylamine	15.84	169	69402	4.156	ng/uL	98
66) 4-Bromophenyl-phenylether	16.52	248	28497	3.993	ng/uL#	81
67) Hexachlorobenzene	16.64	284	31556	3.917	ng/uL	94
68) Atrazine	16.79	200	25423	3.808	ng/uL	96
69) Pentachlorophenol	16.99	266	11889m	2.769	ng/uL	
70) Phenanthrene	17.37	178	136245	4.251	ng/uL	98
72) Anthracene	17.46	178	131388	4.114	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	37335	4.329	ng/uL	97
74) Pentachlorobenzene	14.91	250	36323	4.170	ng/uL	98
75) Carbazole	17.73	167	111575	4.354	ng/uL	97
76) Di-n-butylphthalate	18.30	149	120682	3.827	ng/uL	99
77) Fluoranthene	19.38	202	167871	4.775	ng/uL	96
80) Pvrene	19.74	202	173413	4.344	ng/uL	99
81) Butylbenzylphthalate	20.63	149	49770	3.632	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.47	252	50508	3.986	ng/uL	100
83) Benzo(a)anthracene	21.56	228	172953	4.448	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	74566	3.741	ng/uL	96
85) Chrysene	21.62	228	162549	4.301	ng/uL	98
87) Di-n-octyl phthalate	22.67	149	118377	3.434	ng/uL	100
88) Benzo(b)fluoranthene	23.71	252	169205	3.796	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	163545	3.737	ng/uL	95
91) Benzo(a)pyrene	24.55	252	164100	4.014	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	183308	3.591	ng/uL	97
93) Dibenzo(a,h)anthracene	28.27	278	152803	3.659	ng/uL	99
94) Benzo(a,h,i)perylene	29.30	276	157827	3.658	ng/uL	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046060.D
Acq On : 24 Jul 2020 11:35
Operator : CG/JU
Sample : L1955-02
Misc : MDL-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM

Quant Time: Jul 27 11:11:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

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

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

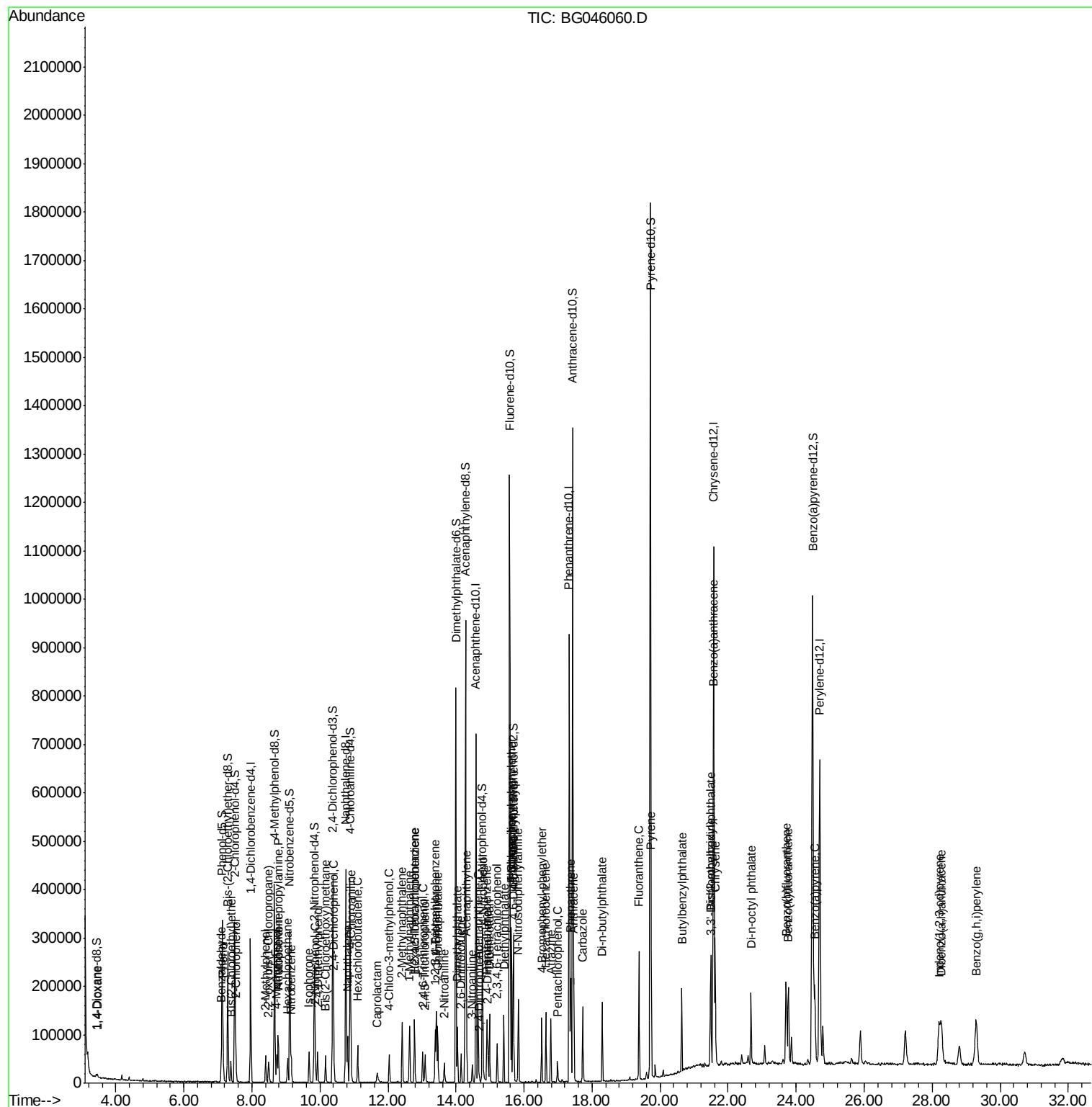
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046060.D
Acq On : 24 Jul 2020 11:35
Operator : CG/JU
Sample : L1955-02
Misc : MDL-SOIL-02
ALS Vial : 6 Sample Multiplier: 1

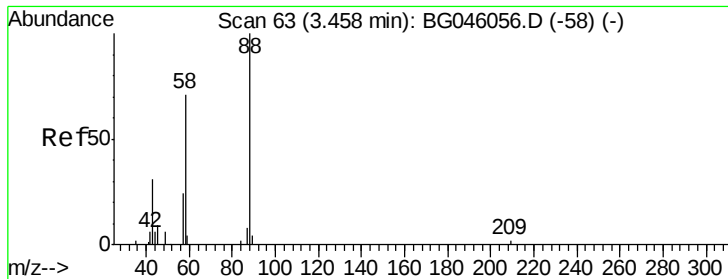
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM

Quant Time: Jul 27 11:11:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.493 ng/uL

RT: 3.45 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

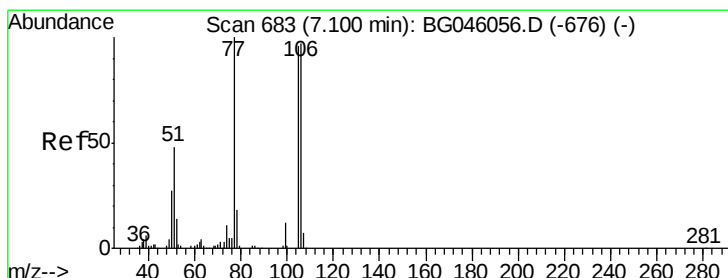
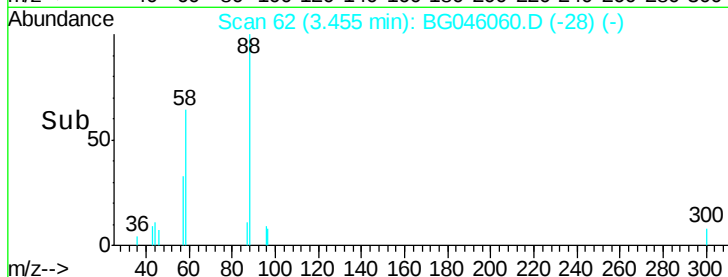
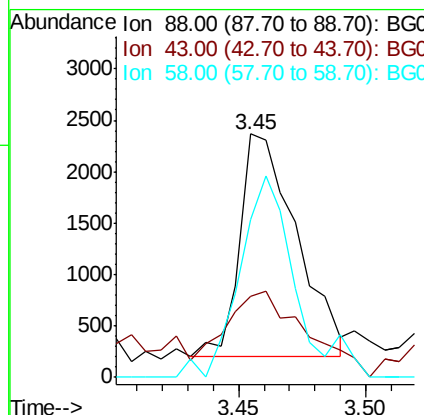
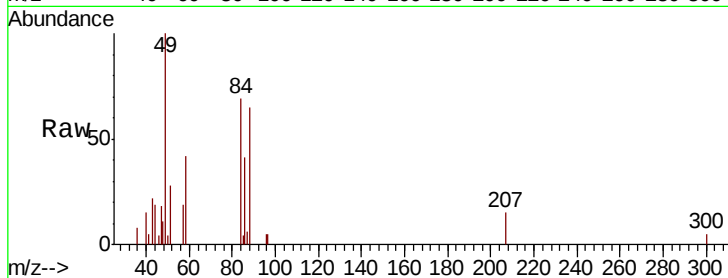
ClientSampleId :

MDL-SOIL-02

Tot Ion:	88	Resp:	3375
Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.6	39.8
58	64.6	57.4	86.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



#4

Benzaldehyde

Concen: 2.427 ng/uL

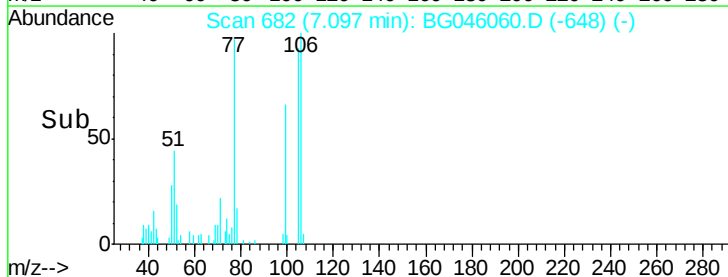
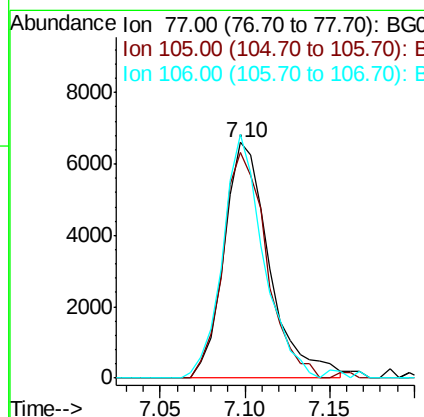
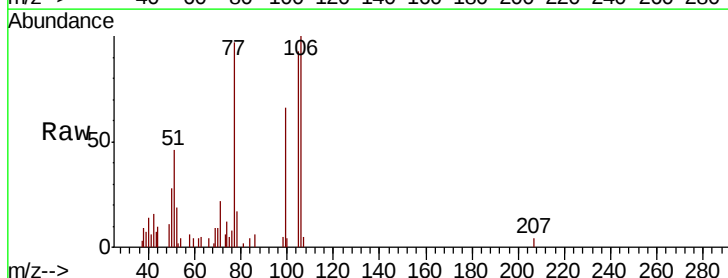
RT: 7.10 min Scan# 682

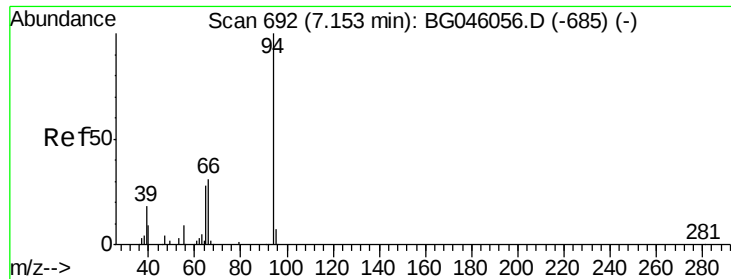
Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion:	77	Resp:	12379
Ion	Ratio	Lower	Upper
77	100		
105	95.8	79.4	119.2
106	103.4	78.6	117.8





#6

Phenol

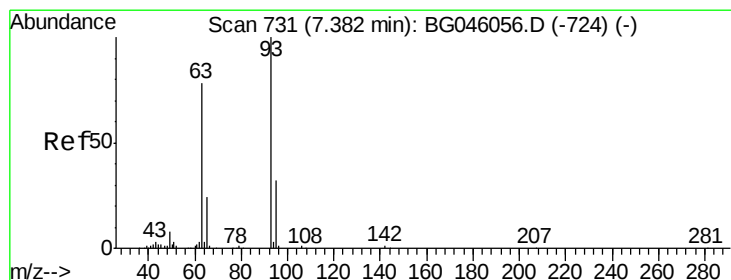
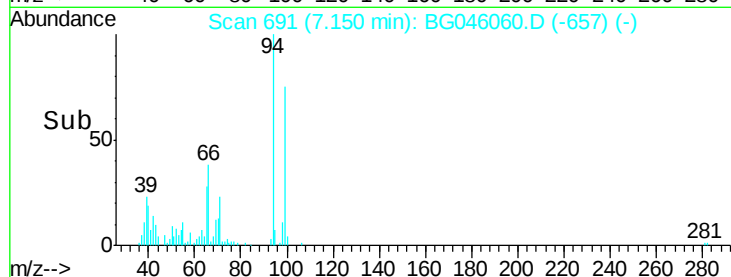
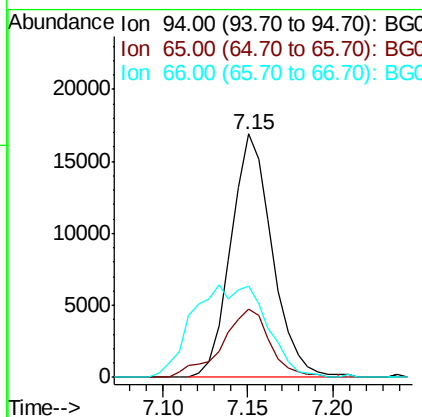
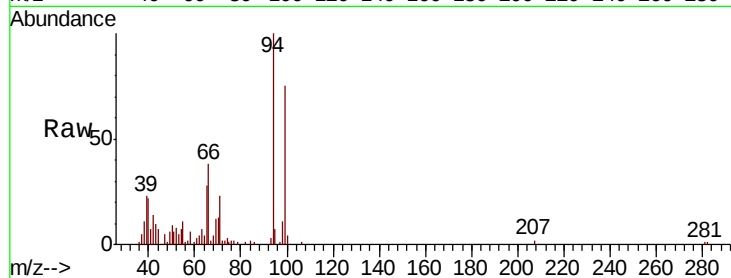
Concen: 3.904 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.3	23.1	34.7
66	37.7	30.3	45.5

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

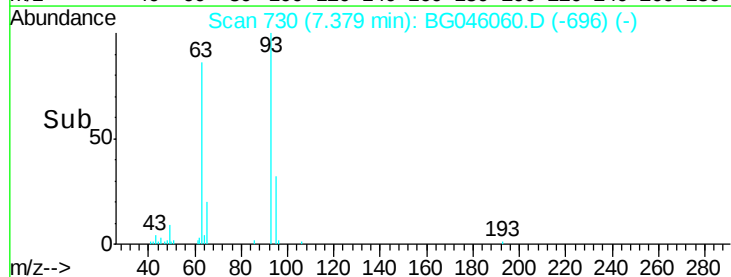
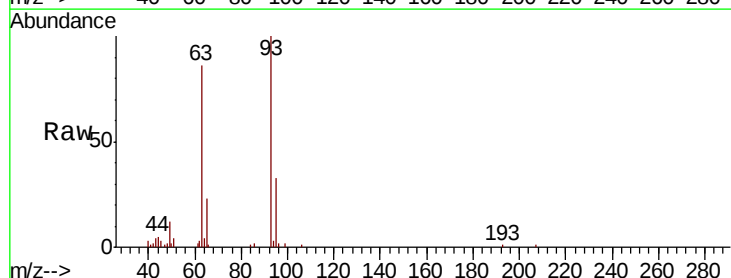
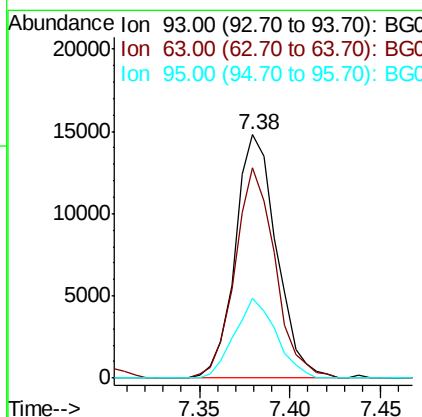


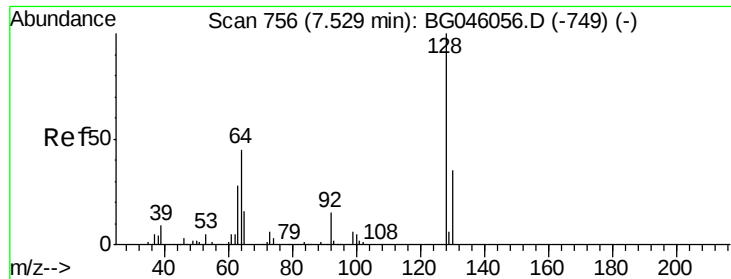
#8

Bis(2-Chloroethyl)ether

Concen: 3.891 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.3	63.4	95.2
95	32.8	26.4	39.6





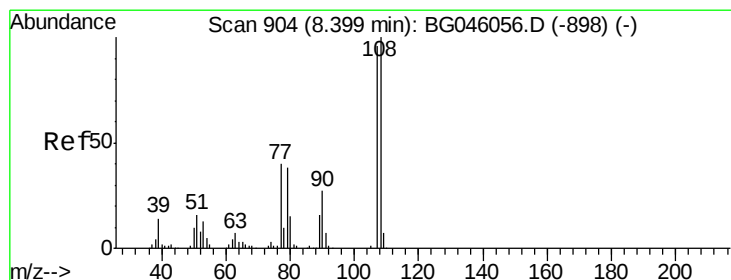
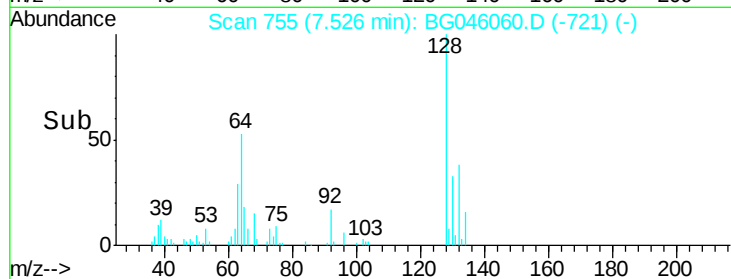
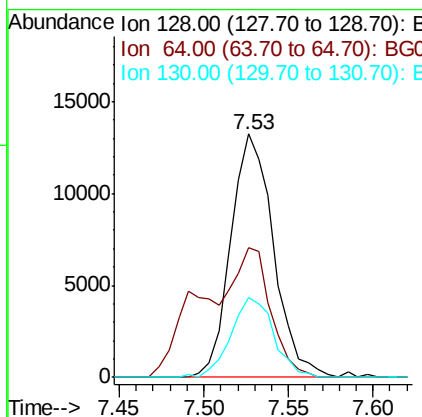
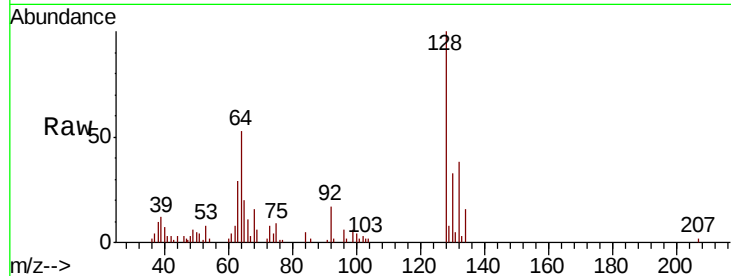
#10
2-Chlorophenol
Concen: 4.006 ng/ul
RT: 7.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
128	100		
64	53.5	39.0	58.6
130	32.6	25.0	37.4

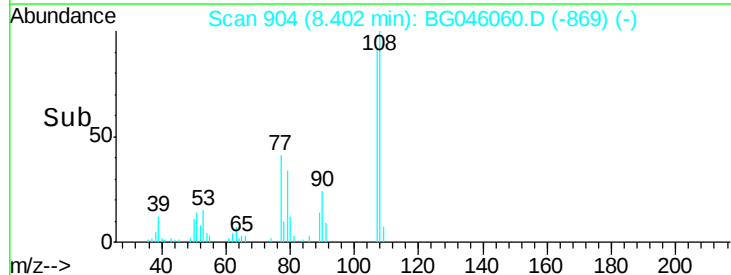
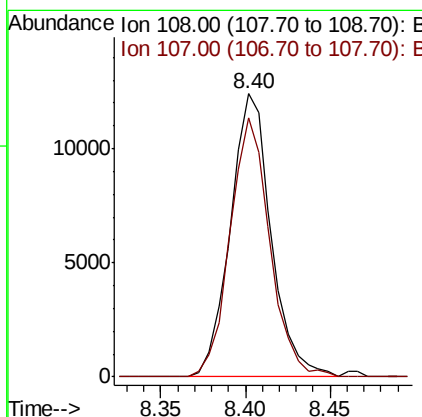
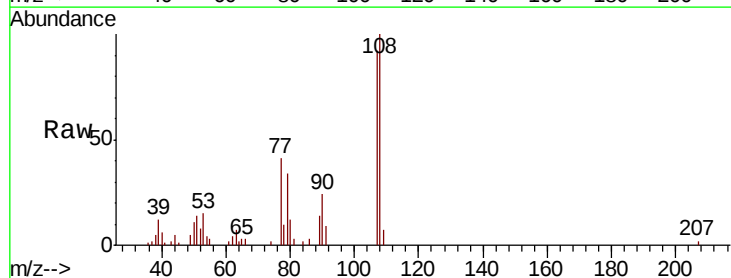
Manual Integrations
APPROVED

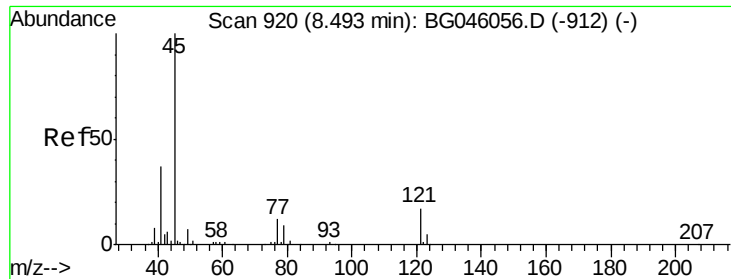
mohammad
7/27/2020 12:20:17 PM



#11
2-Methylphenol
Concen: 3.500 ng/ul
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.7	75.0	112.4





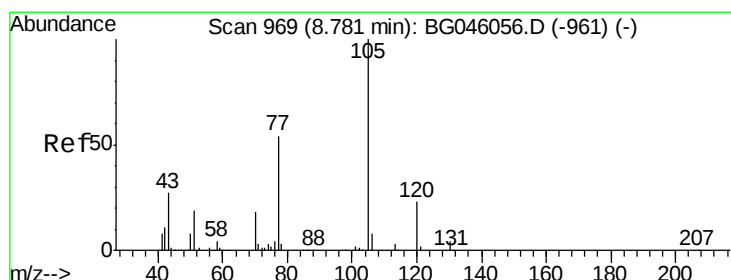
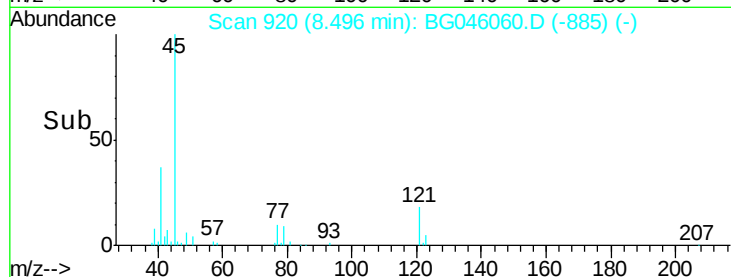
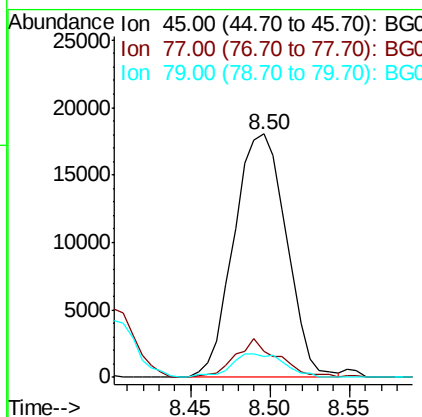
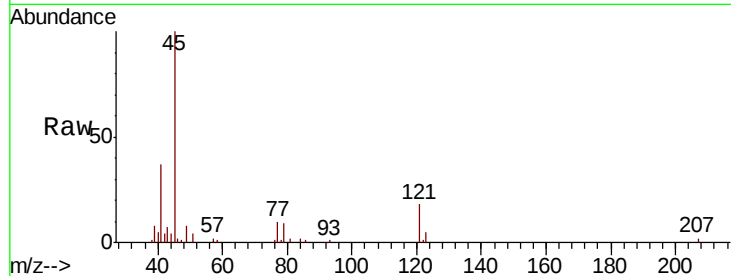
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.064 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
45	100	41414		
77	10.5		9.2	13.8
79	8.8		7.0	10.6

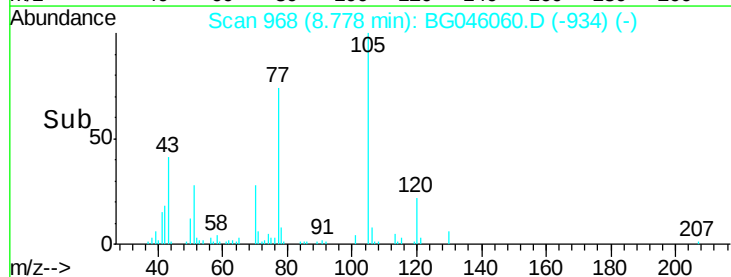
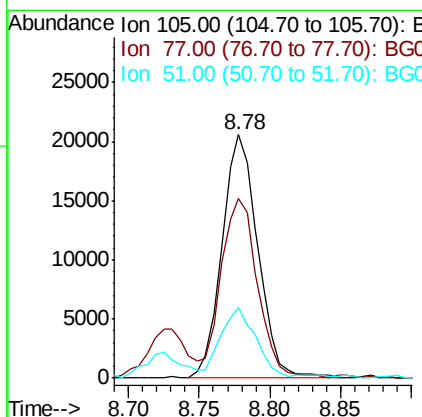
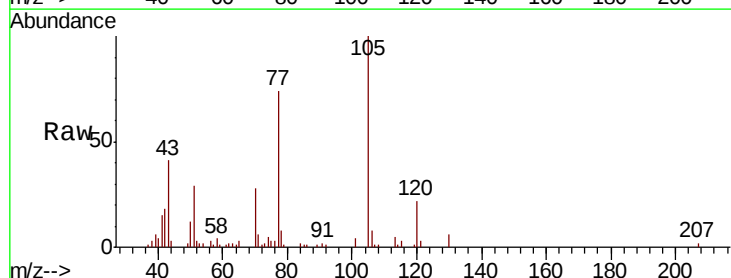
Manual Integrations
APPROVED

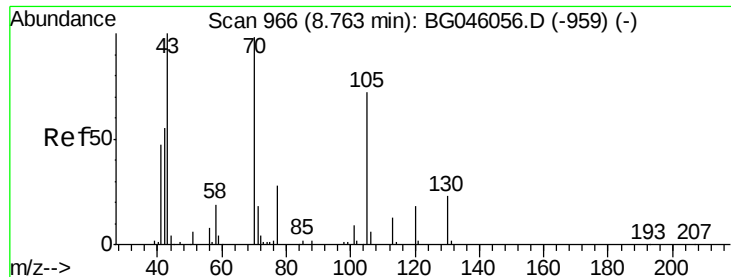
mohammad
7/27/2020 12:20:17 PM



#14
Acetophenone
Concen: 4.073 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	36261		
77	73.9		62.2	93.2
51	29.2		23.0	34.6





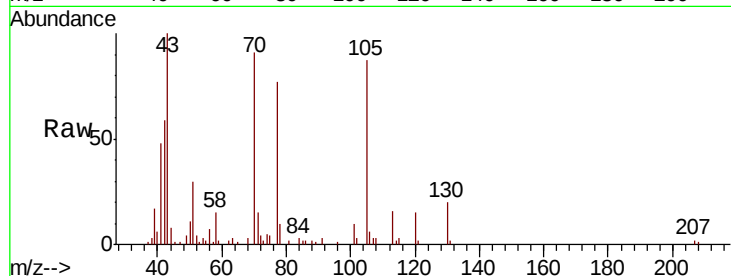
#15
N-Nitroso-di-n-propylamine
Concen: 3.818 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	50.0	75.0
101	11.4	8.1	12.1
130	21.9	18.0	27.0

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM

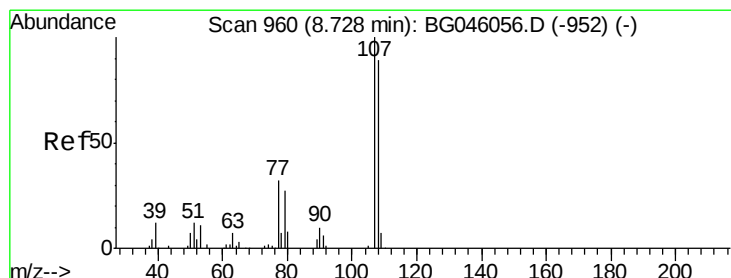
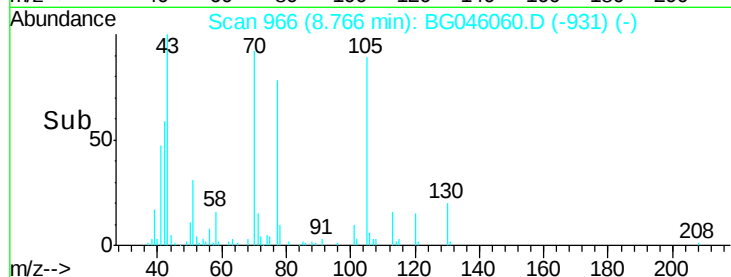
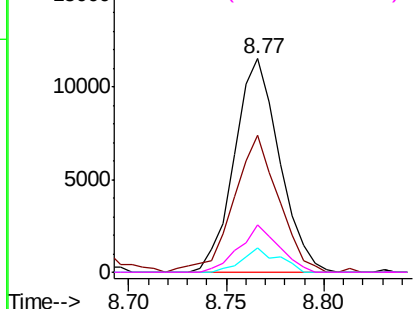


Abundance Ion 70.00 (69.70 to 70.70): BG046060.D (-931) (-)

Ion 42.00 (41.70 to 42.70): BG046060.D (-931) (-)

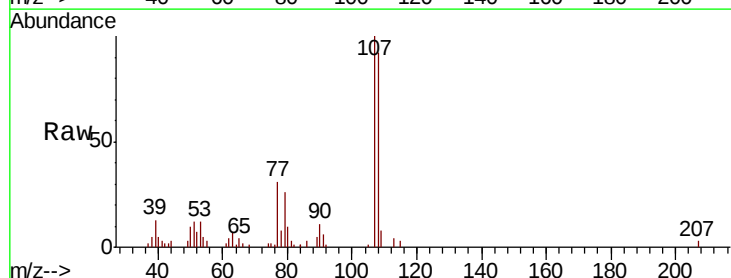
Ion 101.00 (100.70 to 101.70): BG046060.D (-931) (-)

Ion 130.00 (129.70 to 130.70): BG046060.D (-931) (-)



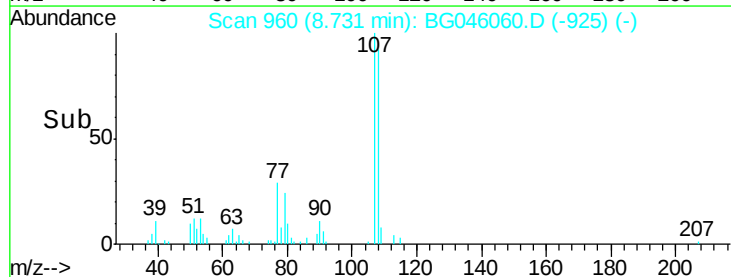
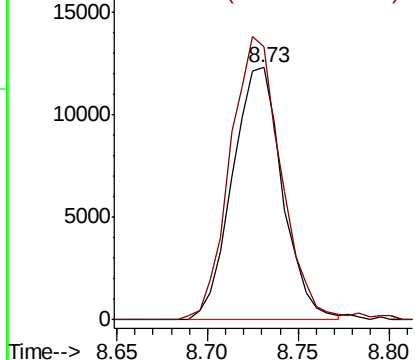
#16
4-Methylphenol
Concen: 3.702 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

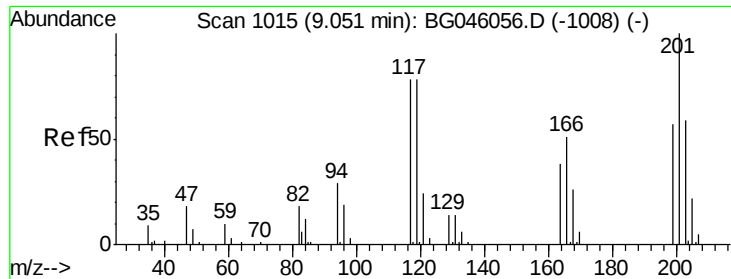
Tgt Ion	Ratio	Lower	Upper
108	100		
107	108.5	94.6	141.8



Abundance Ion 108.00 (107.70 to 108.70): BG046060.D (-925) (-)

Ion 107.00 (106.70 to 107.70): BG046060.D (-925) (-)





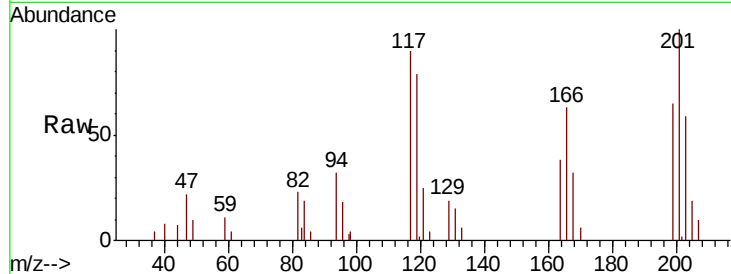
#17
Hexachloroethane
Concen: 3.925 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

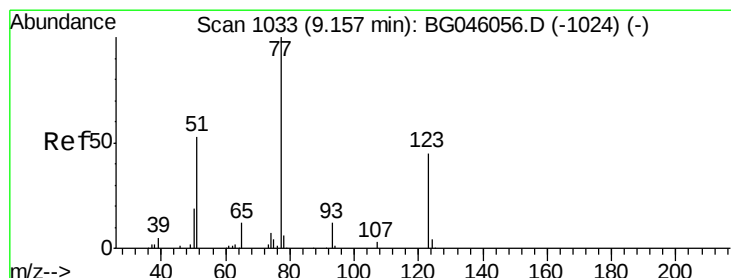
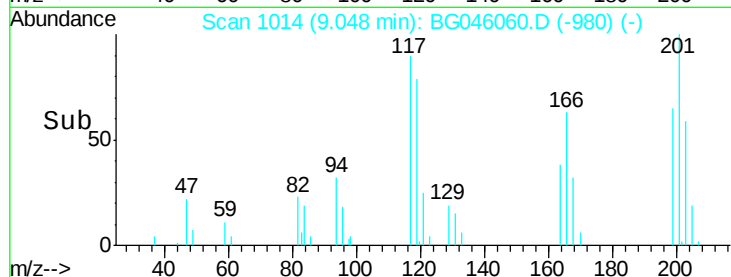
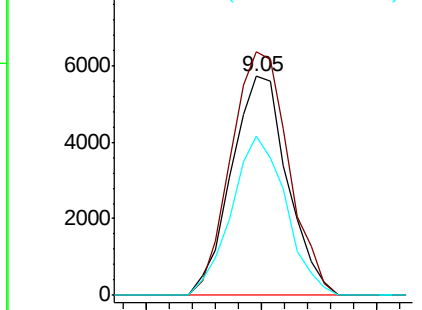
Tot Ion	Ratio	Resp	Lower	Upper
117	100	9666		
201	111.2		98.2	147.4
199	72.8		61.4	92.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



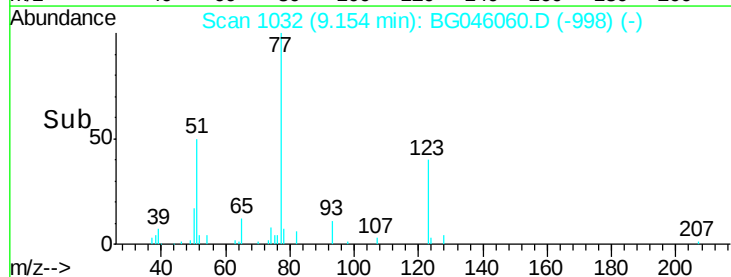
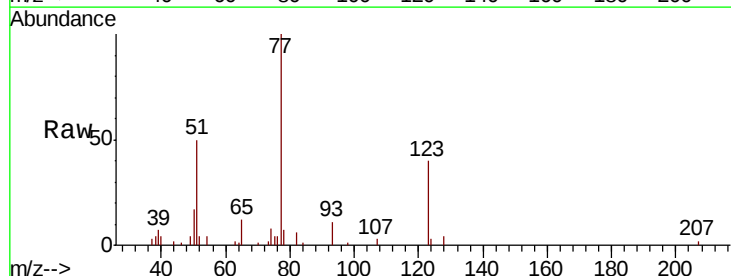
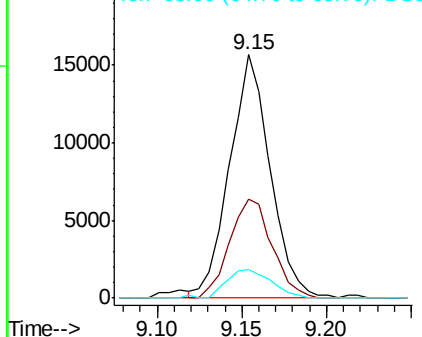
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

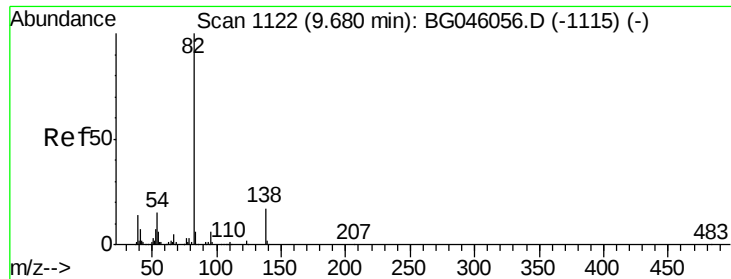


#20
Nitrobenzene
Concen: 3.826 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	26189		
123	40.5		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





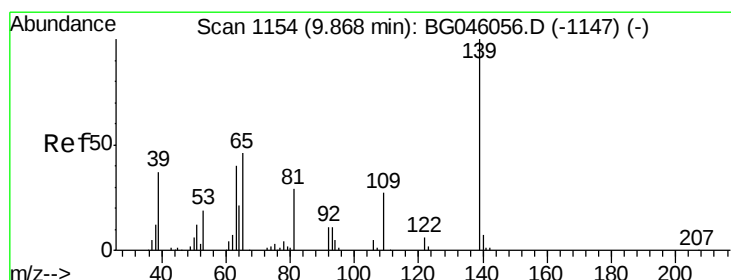
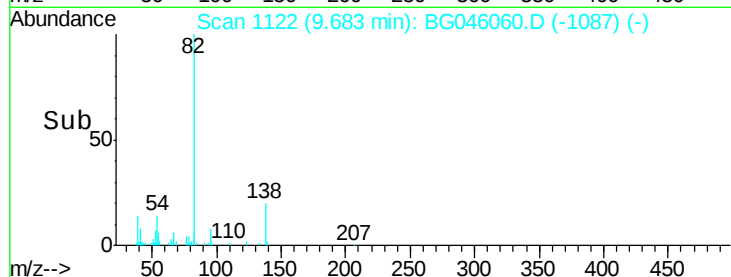
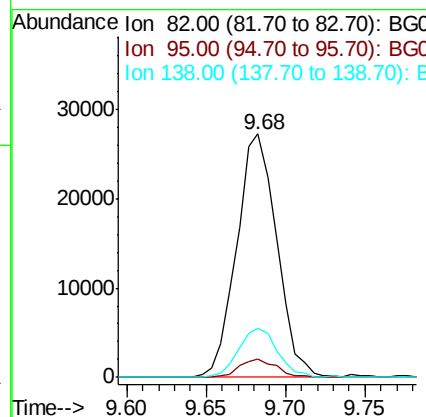
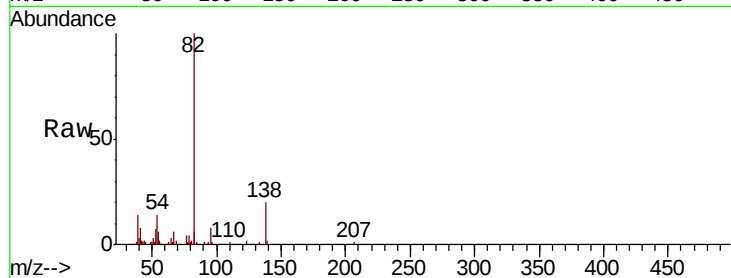
#21
Isophorone
Concen: 3.589 ng/ul
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	20.0	16.2	24.4

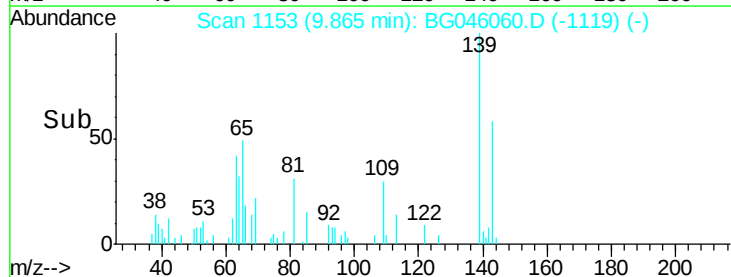
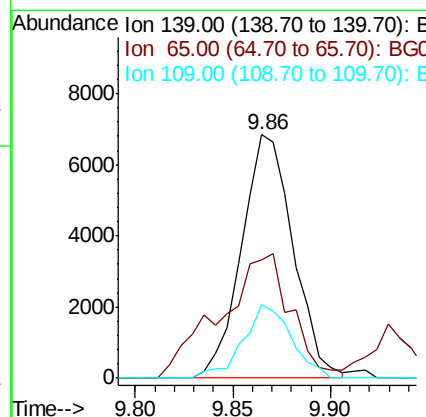
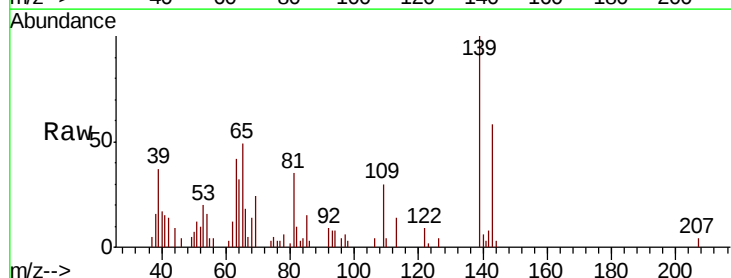
Manual Integrations
APPROVED

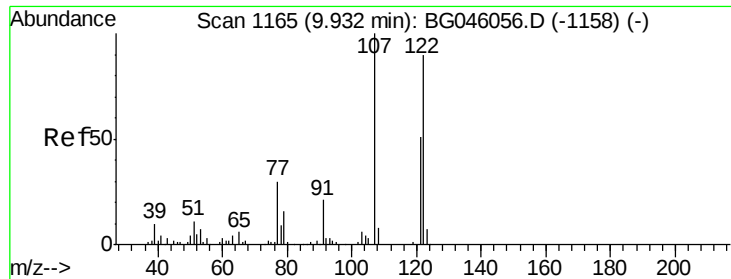
mohammad
7/27/2020 12:20:17 PM



#23
2-Nitrophenol
Concen: 4.110 ng/ul
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
139	100		
65	48.7	37.2	55.8
109	30.2	22.4	33.6





#24

2,4-Dimethylphenol

Concen: 3.362 ng/ul

RT: 9.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

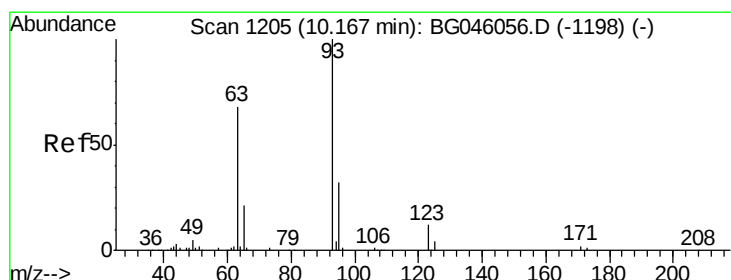
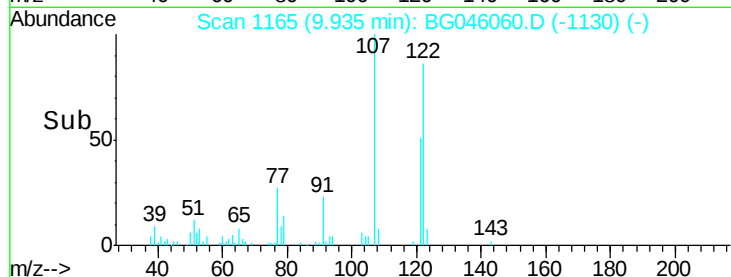
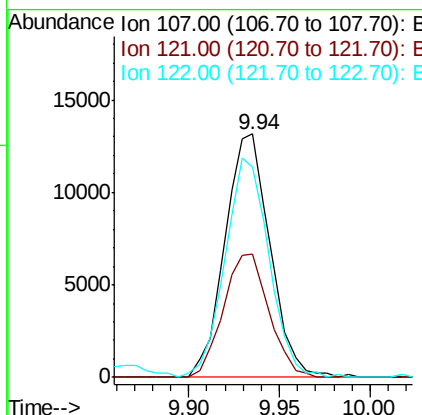
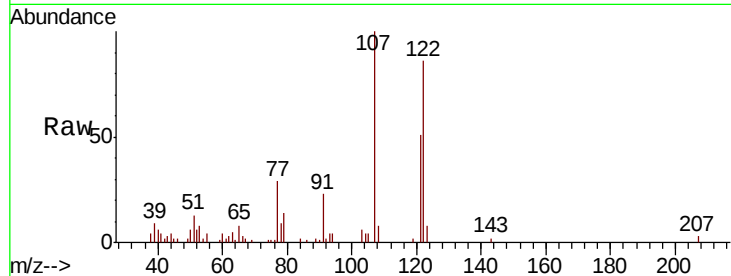
ClientSampleId :

MDL-SOIL-02

Tot Ion:	107	Resp:	22711
Ion Ratio	Lower	Upper	
107	100		
121	50.9	40.4	60.6
122	86.4	68.2	102.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



#25

Bis(2-Chloroethoxy)methane

Concen: 3.733 ng/ul

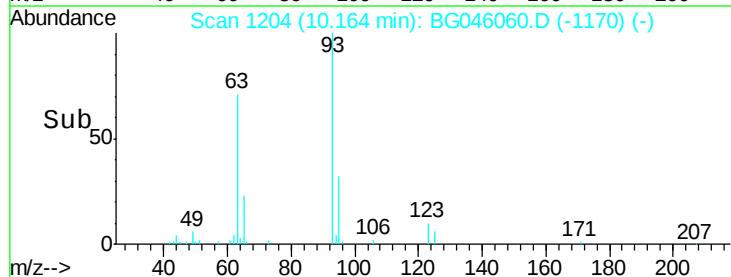
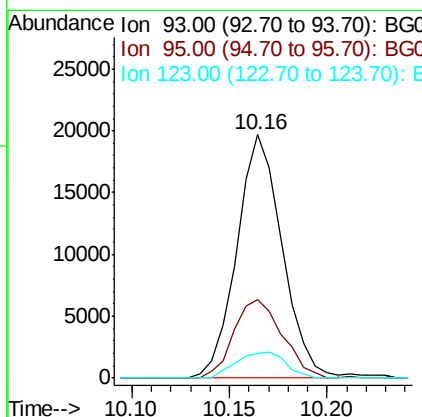
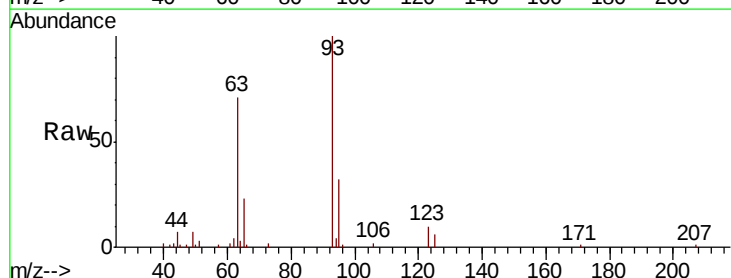
RT: 10.16 min Scan# 1204

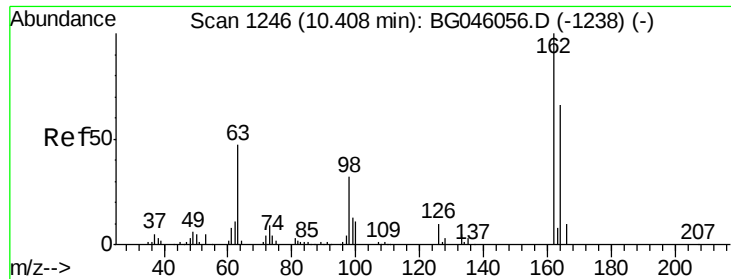
Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion:	93	Resp:	31587
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.8	38.6
123	10.1	9.0	13.4





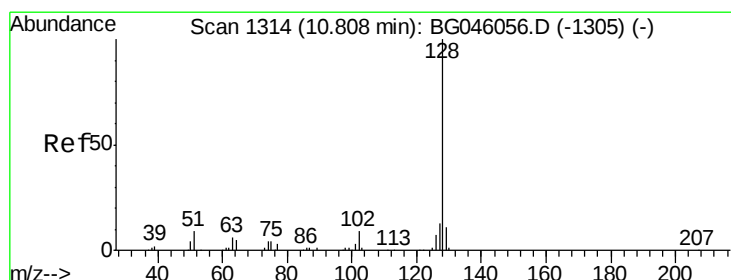
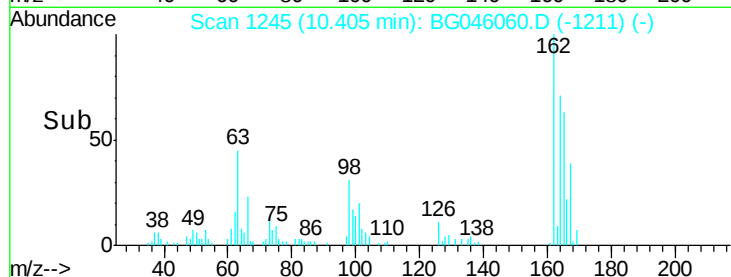
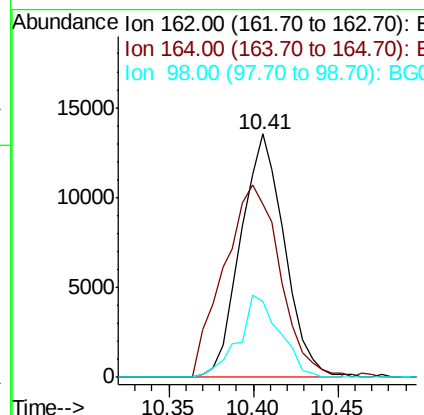
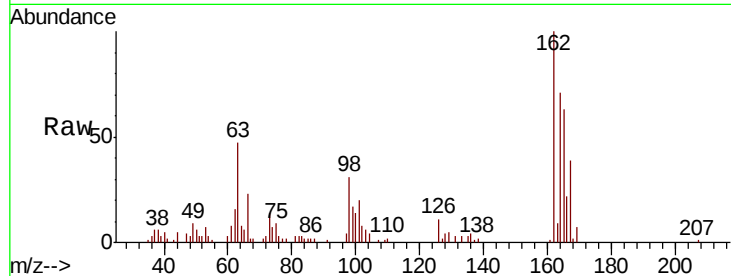
#27
2,4-Dichlorophenol
Concen: 4.020 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.1	51.0	76.4
98	31.0	23.8	35.6

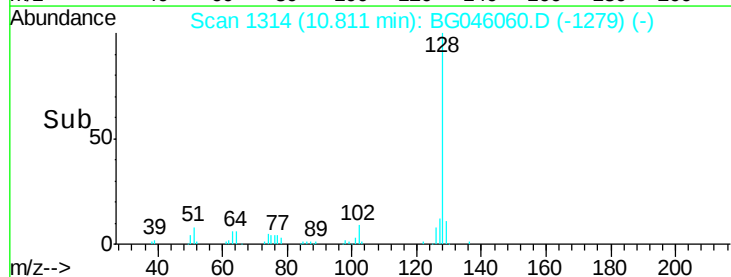
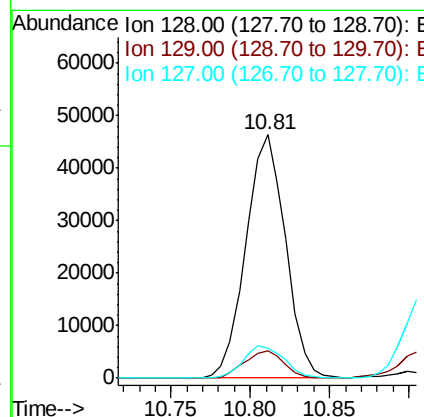
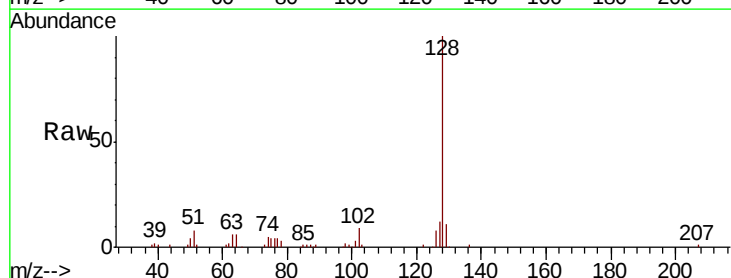
Manual Integrations
APPROVED

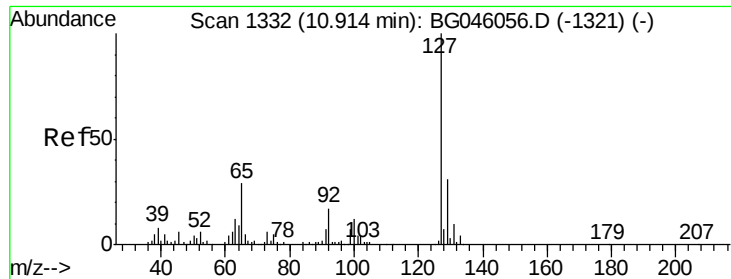
mohammad
7/27/2020 12:20:17 PM



#28
Naphthalene
Concen: 3.981 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.2	11.2	16.8





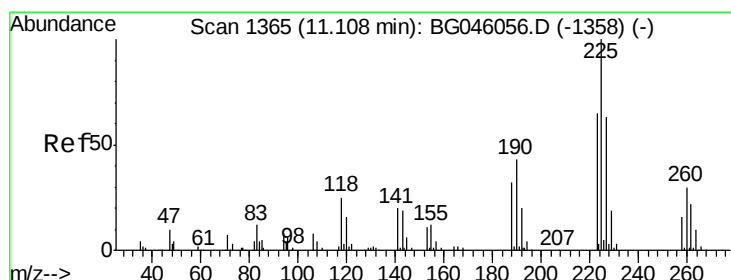
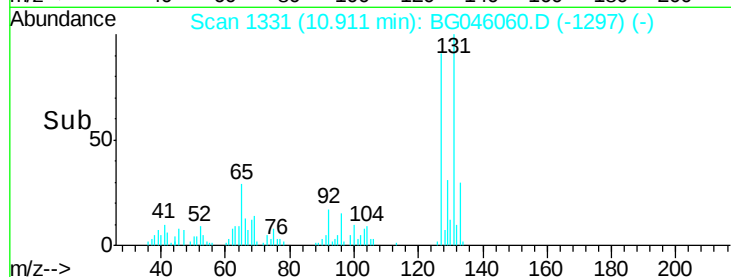
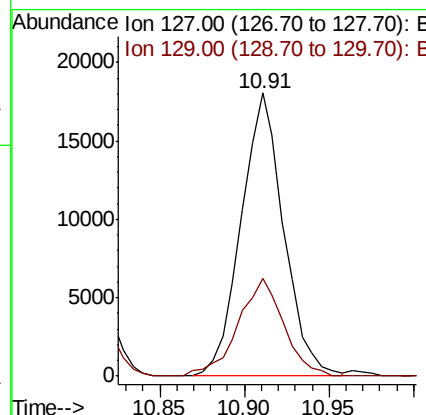
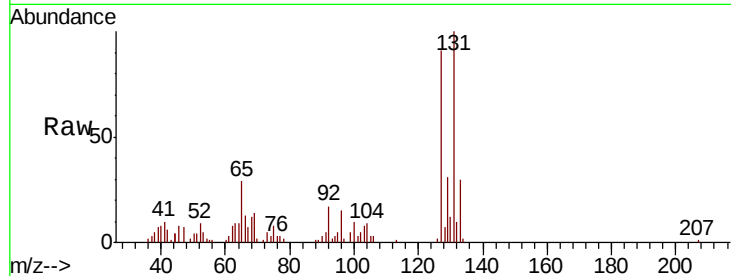
#30
4-Chloroaniline
Concen: 4.746 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:127 Resp: 31687
Ion Ratio Lower Upper
127 100
129 34.3 28.2 42.4

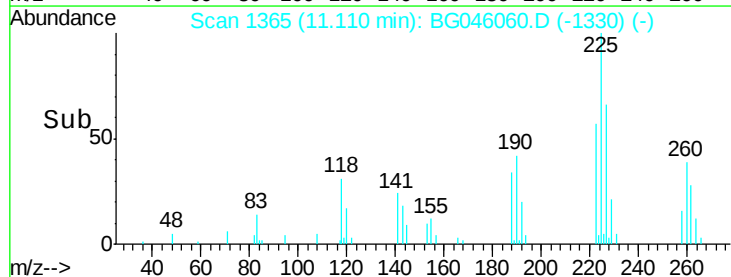
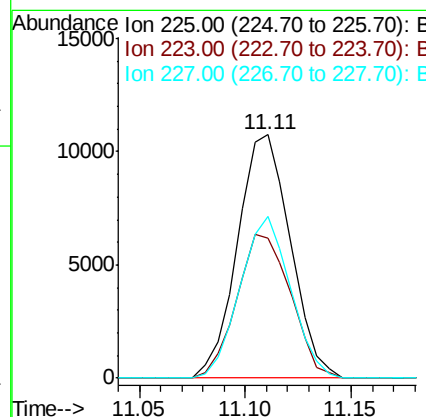
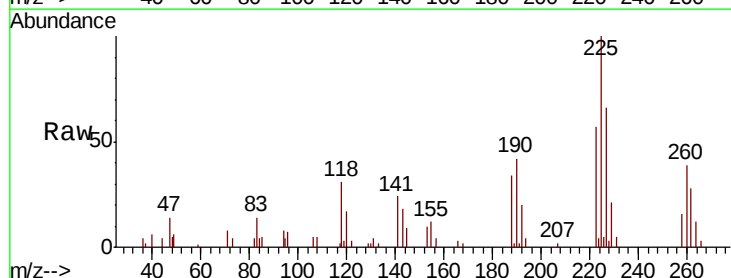
Manual Integrations
APPROVED

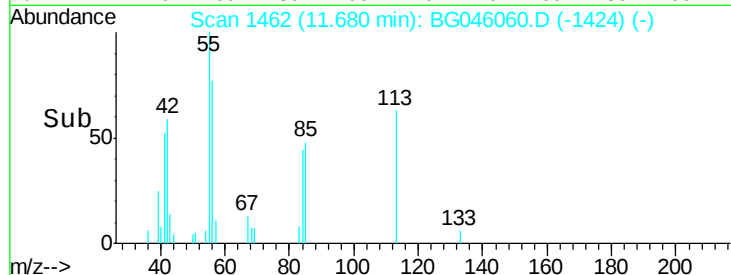
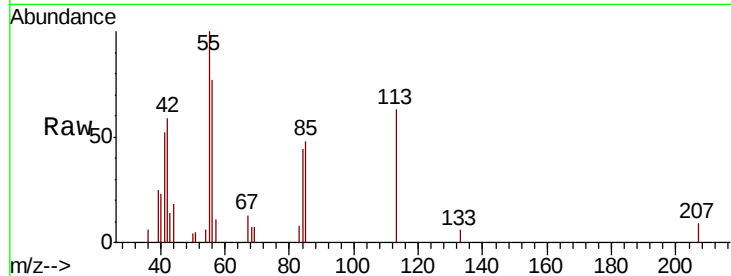
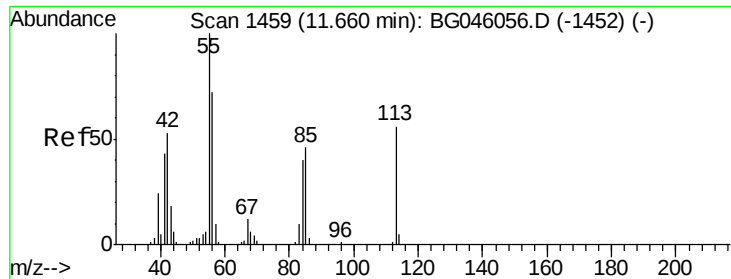
mohammad
7/27/2020 12:20:17 PM



#31
Hexachlorobutadiene
Concen: 3.991 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion:225 Resp: 18660
Ion Ratio Lower Upper
225 100
223 57.5 47.7 71.5
227 66.4 50.7 76.1





#32

Caprolactam

Concen: 2.913 ng/ul m

RT: 11.68 min Scan# 1462

Delta R.T. 0.02 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

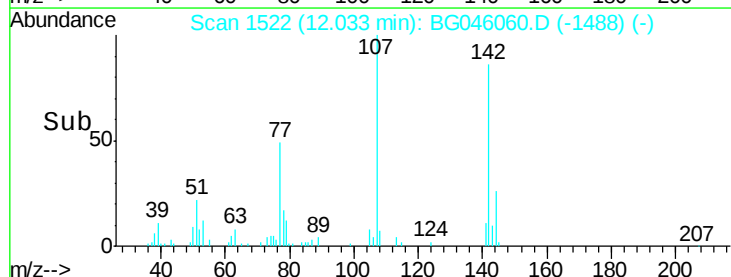
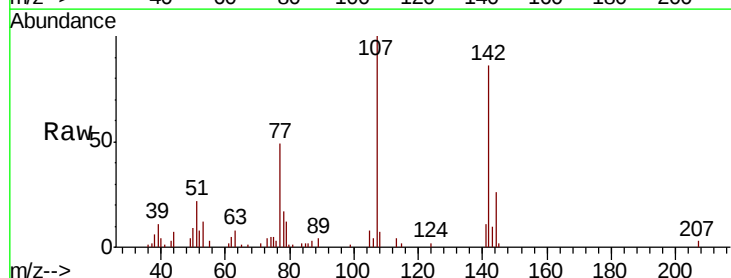
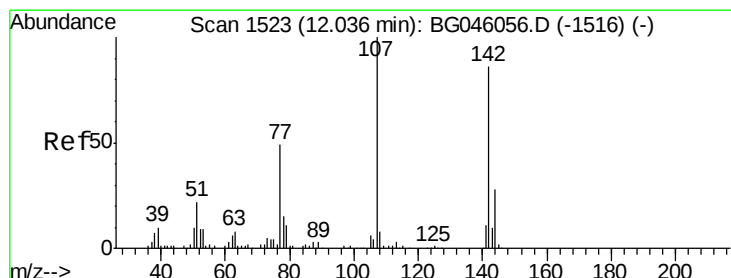
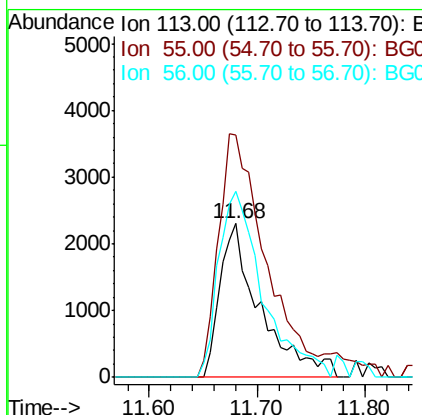
ClientSampleId :

MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.9	143.8	215.6
56	121.3	99.0	148.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



#33

4-Chloro-3-methylphenol

Concen: 3.325 ng/ul

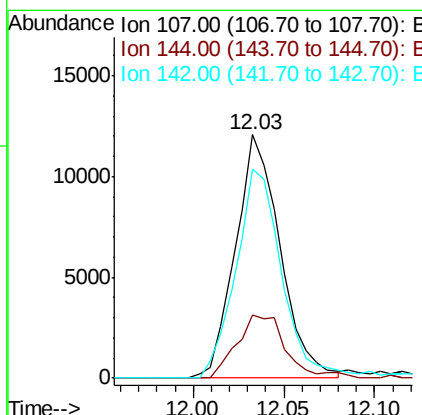
RT: 12.03 min Scan# 1522

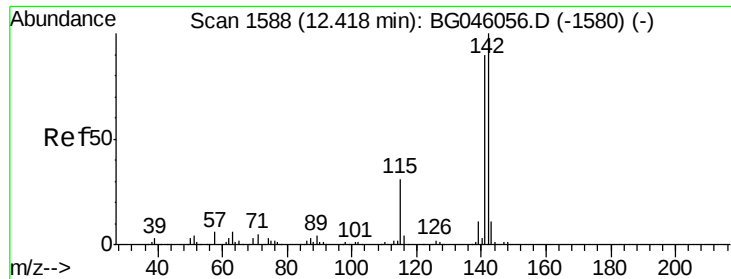
Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	23.0	34.6
142	86.1	69.6	104.4





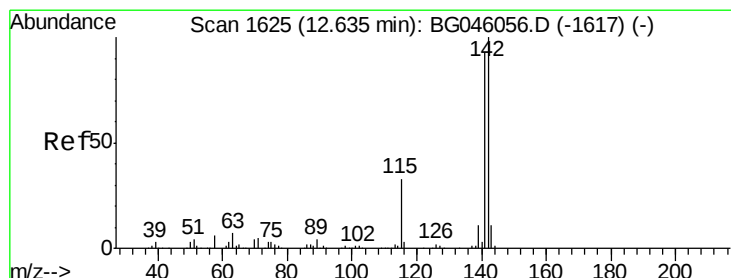
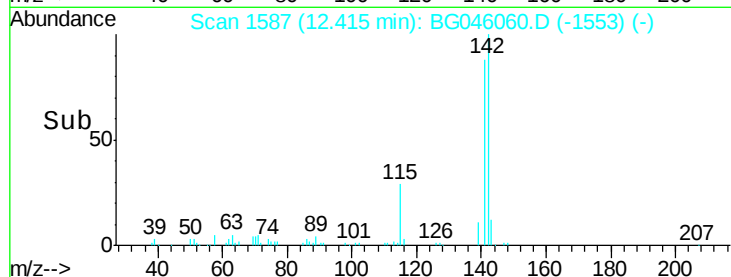
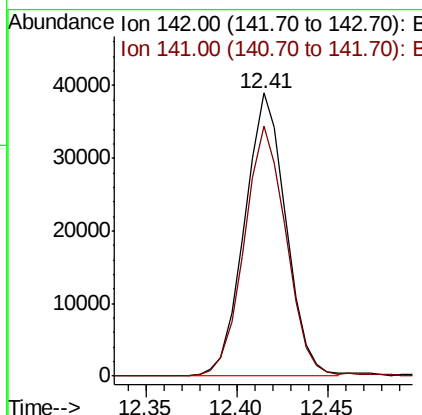
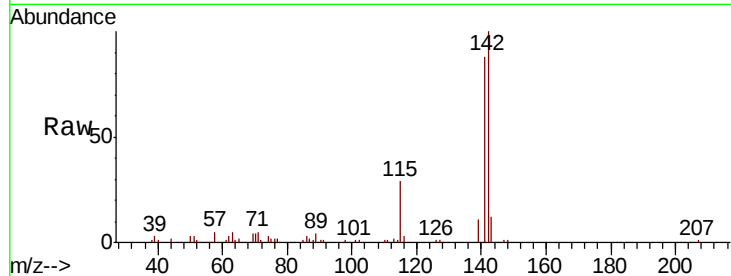
#34
2-Methylnaphthalene
Concen: 4.072 ng/uL
RT: 12.41 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:142 Resp: 61827
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4

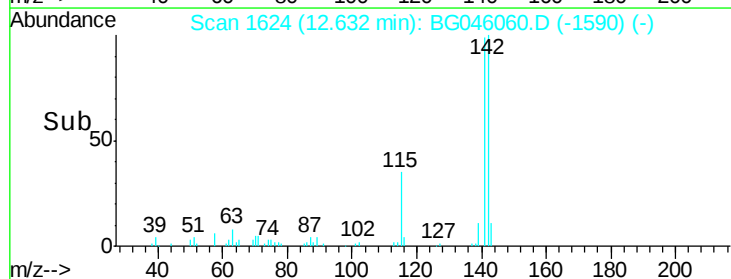
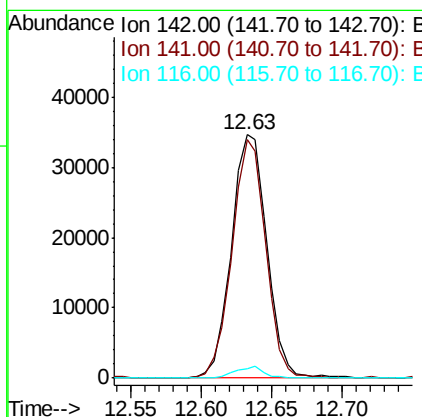
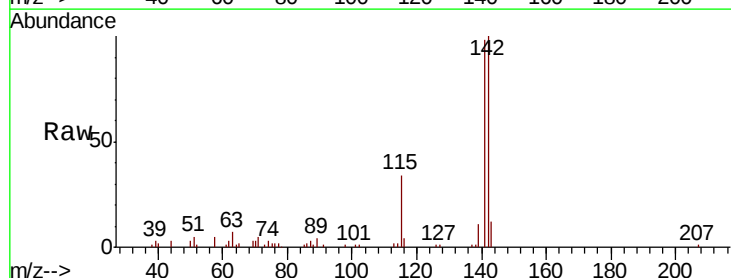
Manual Integrations
APPROVED

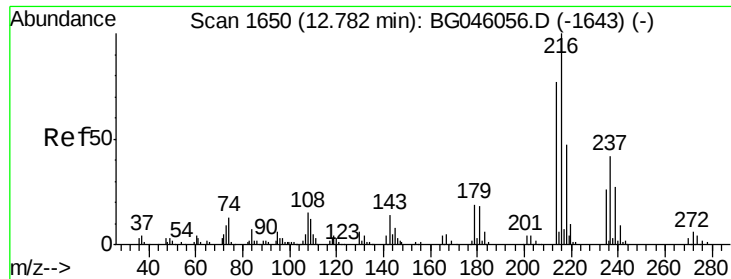
mohammad
7/27/2020 12:20:17 PM



#35
1-Methylnaphthalene
Concen: 4.042 ng/uL
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion:142 Resp: 60617
Ion Ratio Lower Upper
142 100
141 93.0 75.2 112.8
116 3.8 2.7 4.1





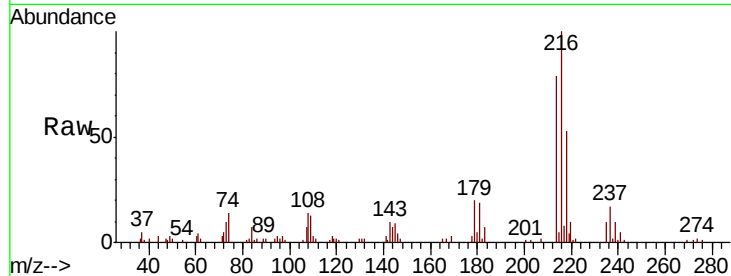
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.136 ng/ul
 RT: 12.78 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	20.1	15.4	23.2
108	13.5	11.6	17.4

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM



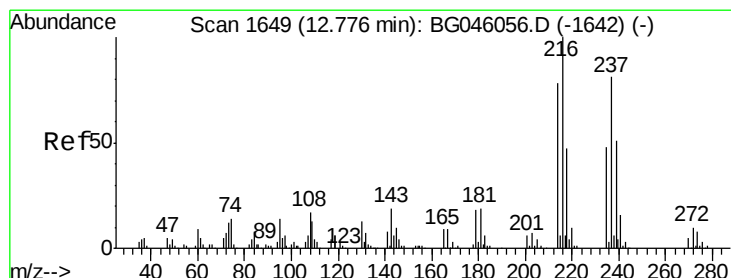
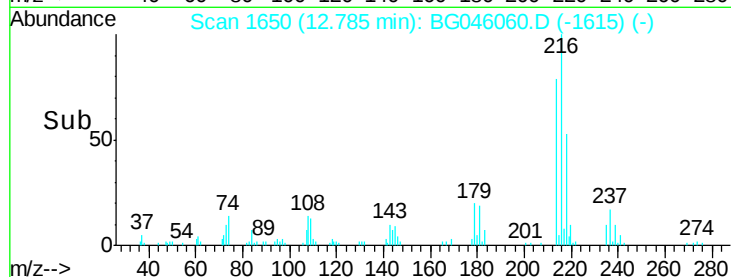
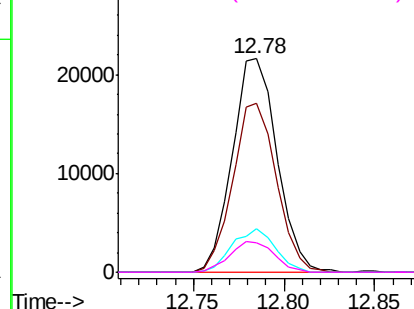
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

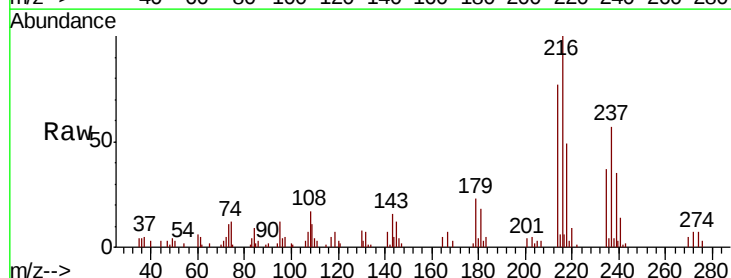
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 2.373 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.4	52.0	78.0
272	12.0	10.0	15.0

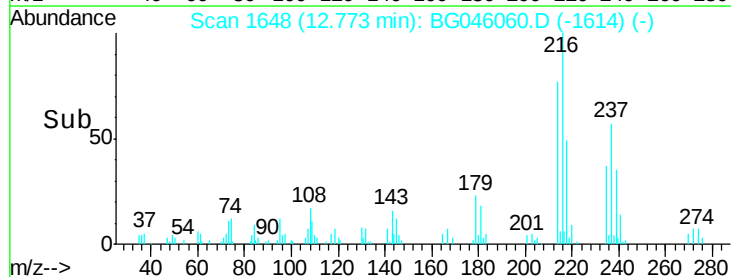
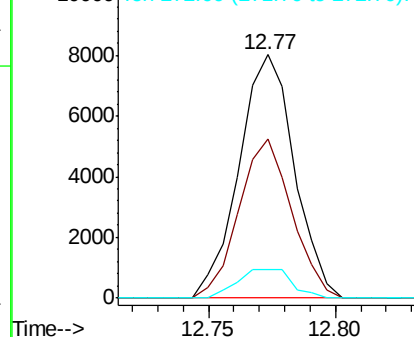


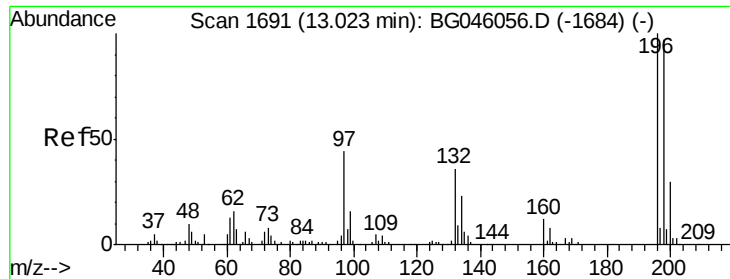
Abundance

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





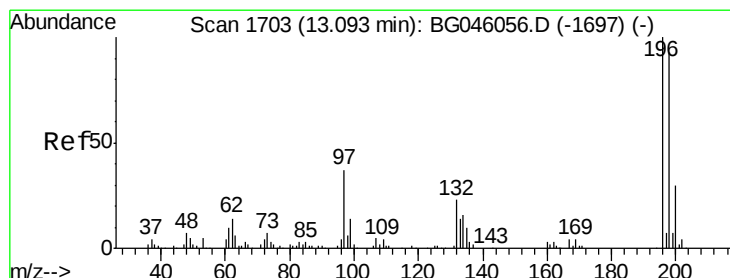
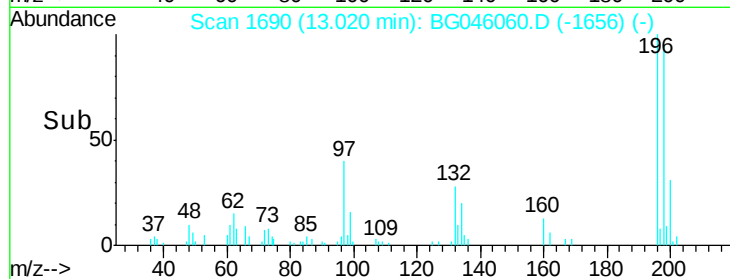
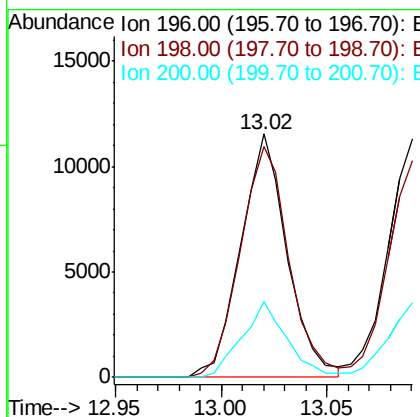
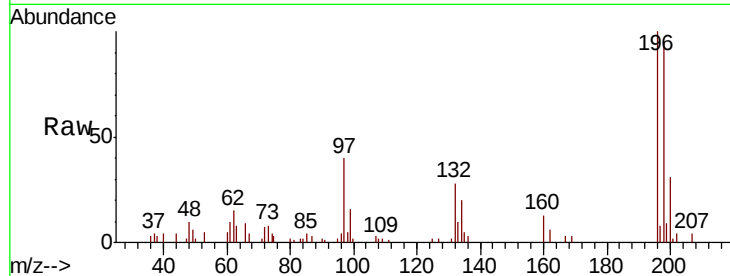
#39
 2,4,6-Trichlorophenol
 Concen: 3.367 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
196	100	17638		
198	95.1		75.8	113.6
200	31.0		25.4	38.0

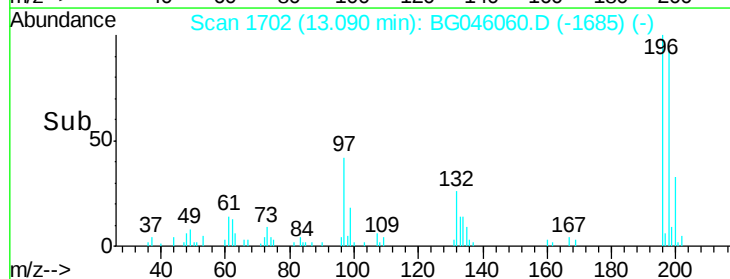
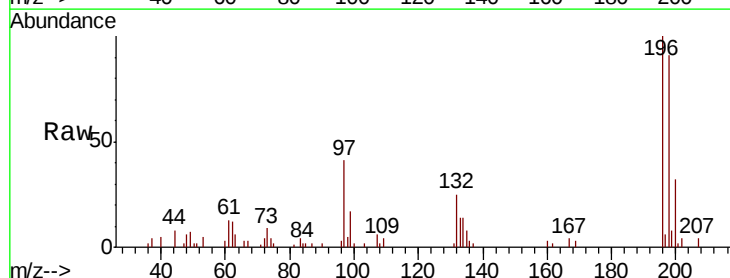
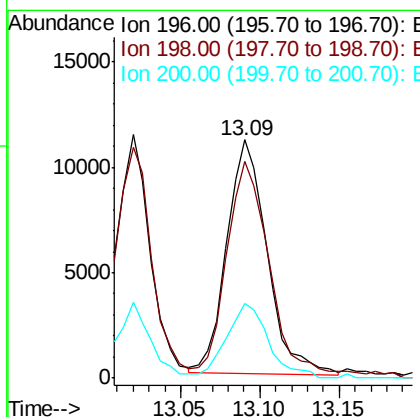
Manual Integrations
 APPROVED

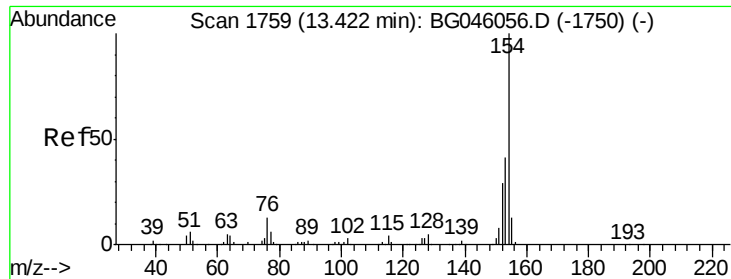
mohammad
 7/27/2020 12:20:17 PM



#40
 2,4,5-Trichlorophenol
 Concen: 3.425 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19504		
198	91.1		75.2	112.8
200	31.6		25.8	38.6





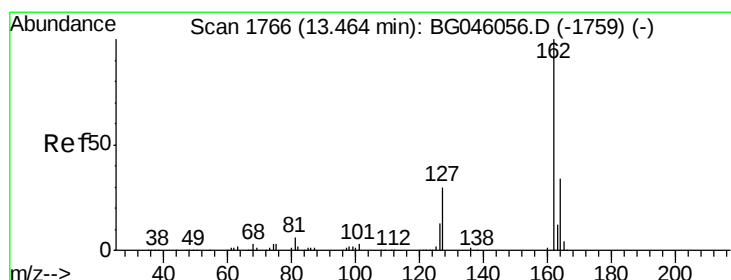
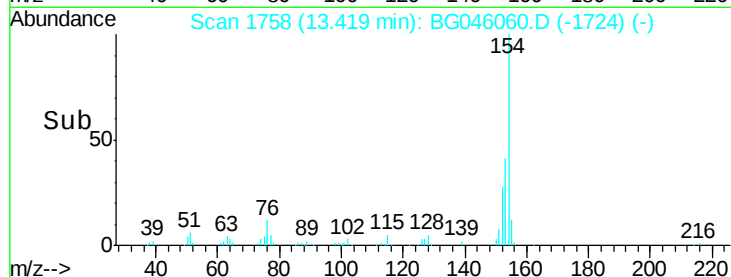
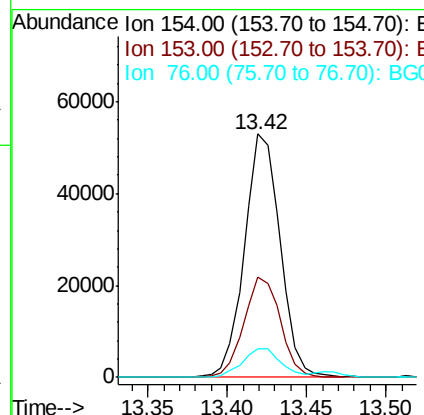
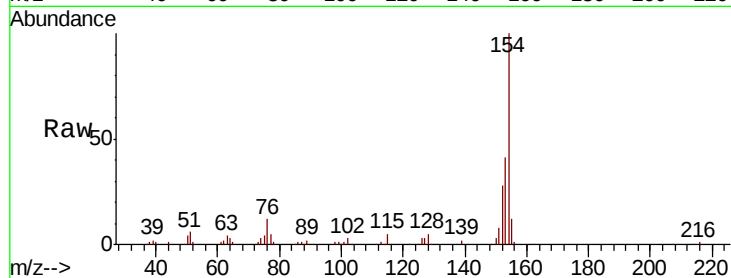
#41
1,1'-Biphenyl
Concen: 4.130 ng/ul
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:	154	Resp:	82821
Ion Ratio	Lower	Upper	
154	100		
153	41.4	31.9	47.9
76	11.5	9.3	13.9

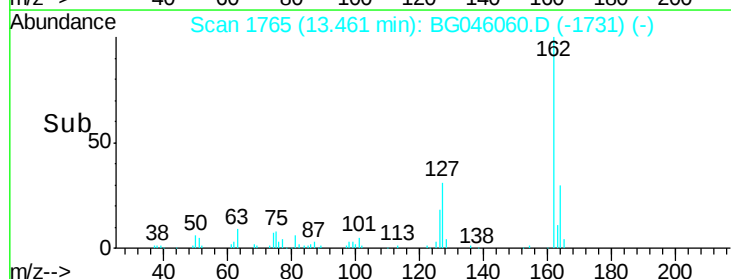
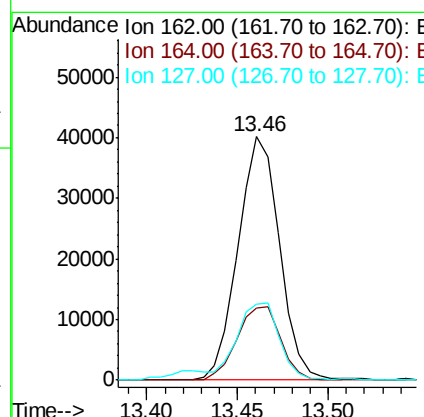
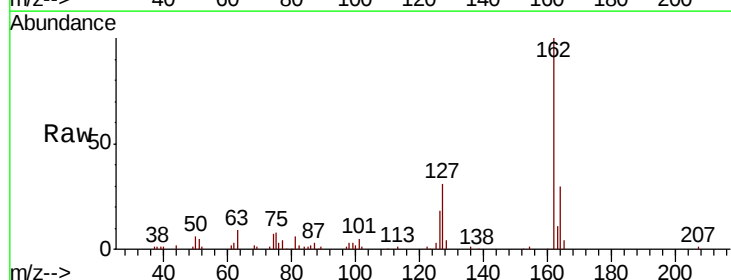
Manual Integrations
APPROVED

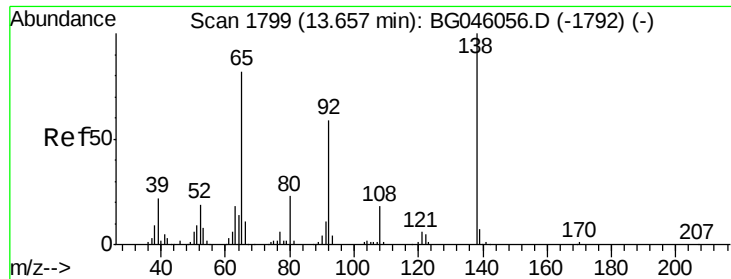
mohammad
7/27/2020 12:20:17 PM



#42
2-Chloronaphthalene
Concen: 4.004 ng/ul
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion:	162	Resp:	64067
Ion Ratio	Lower	Upper	
162	100		
164	29.8	26.2	39.2
127	31.4	27.3	40.9





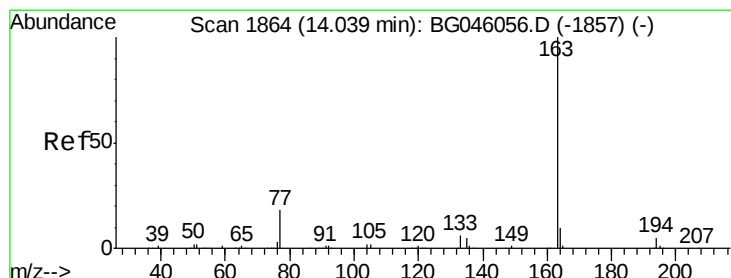
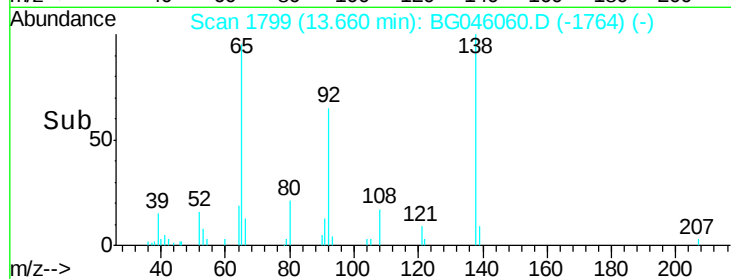
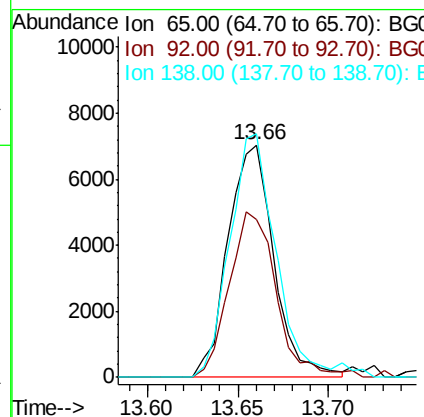
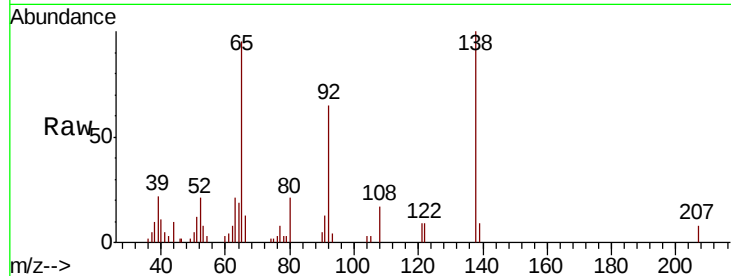
#43
2-Nitroaniline
Concen: 3.291 ng/ul
RT: 13.66 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	58.0	87.0
138	104.8	92.9	139.3

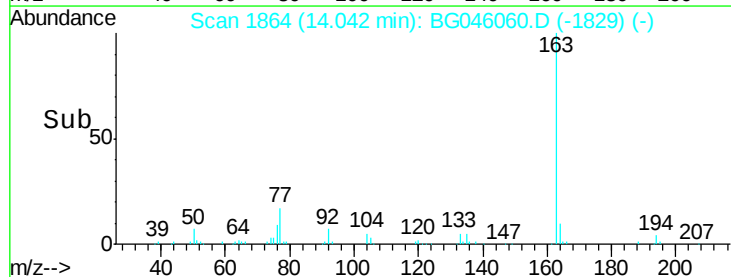
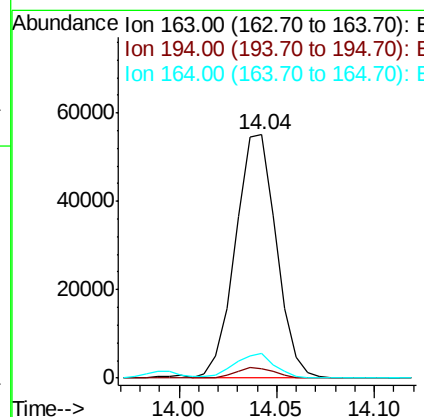
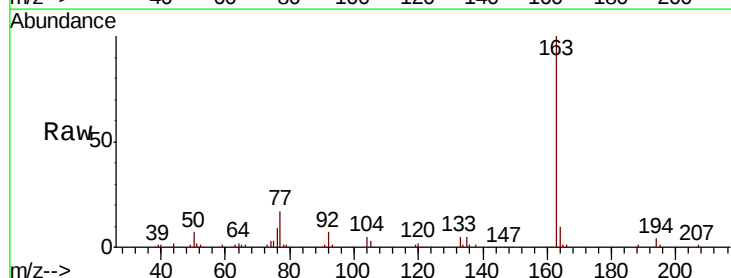
Manual Integrations
APPROVED

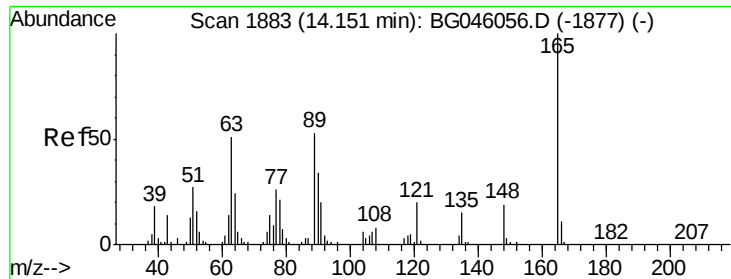
mohammad
7/27/2020 12:20:17 PM



#45
Dimethylphthalate
Concen: 3.950 ng/ul
RT: 14.04 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.7	13.1





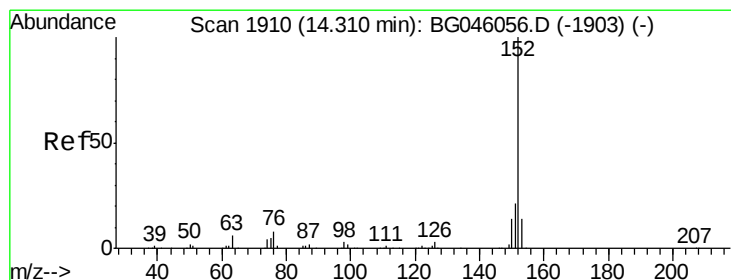
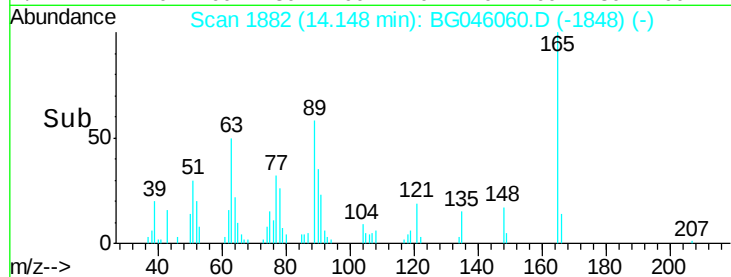
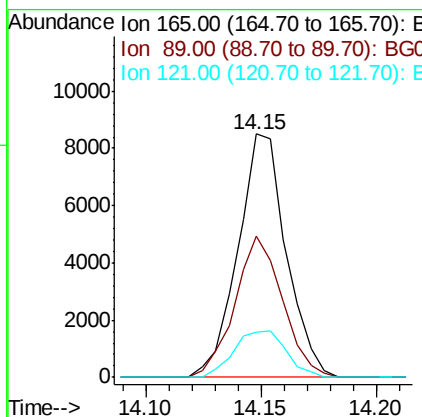
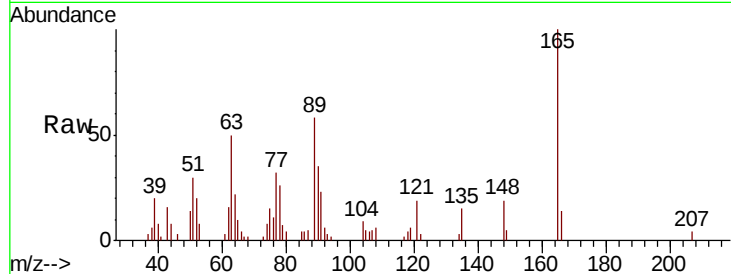
#46
 2,6-Dinitrotoluene
 Concen: 3.208 ng/ul
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
165	100		
89	58.0	42.2	63.4
121	18.6	16.0	24.0

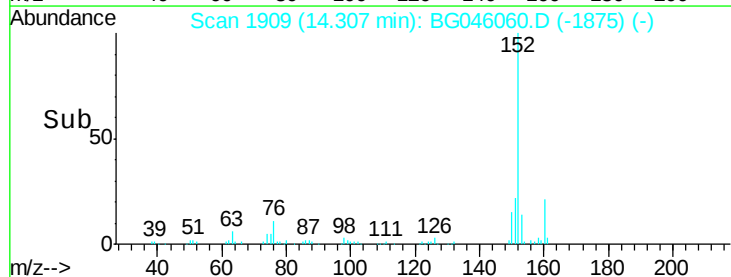
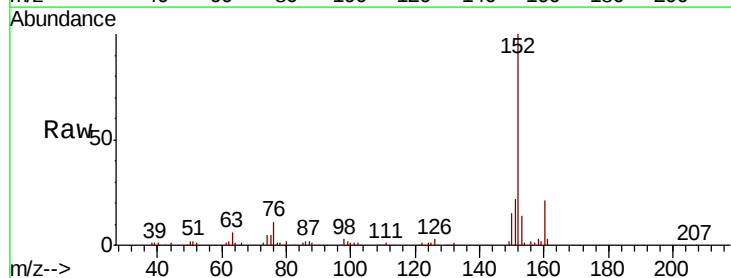
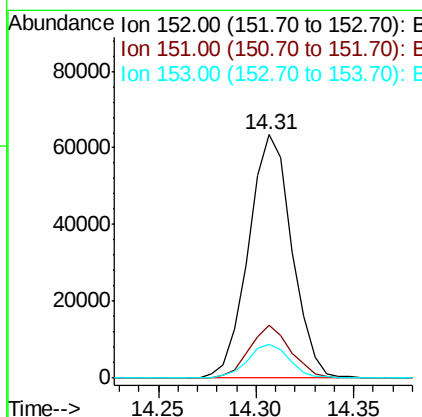
Manual Integrations
 APPROVED

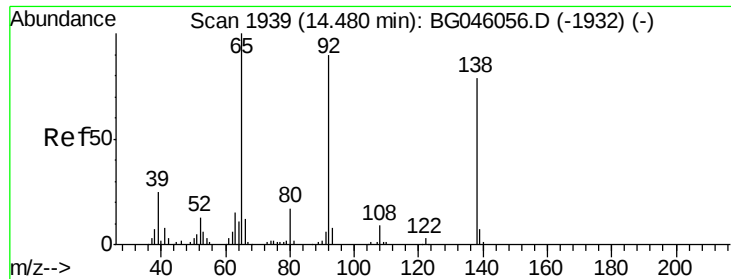
mohammad
 7/27/2020 12:20:17 PM



#48
 Acenaphthylene
 Concen: 3.963 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.5	24.7
153	13.8	11.0	16.6





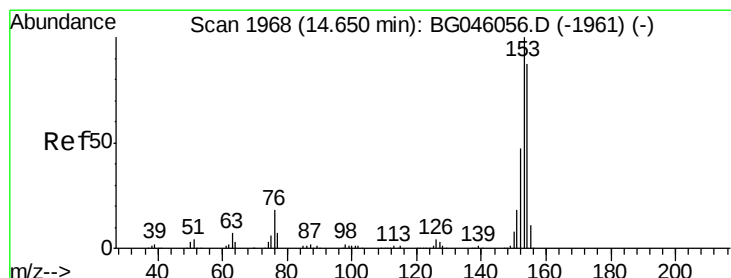
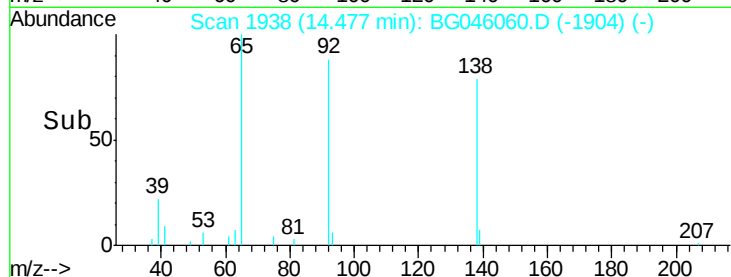
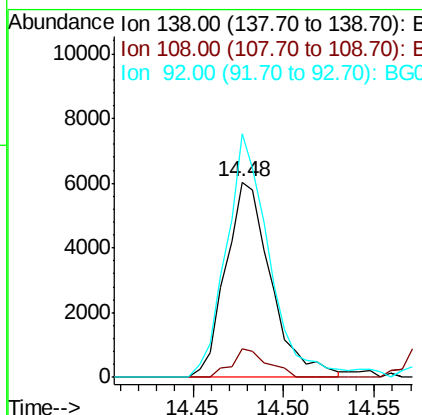
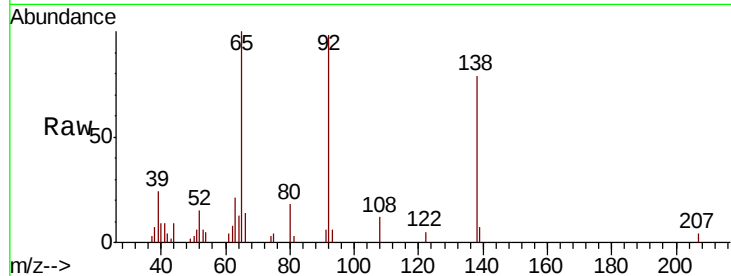
#49
3-Nitroaniline
Concen: 2.880 ng/ul
RT: 14.48 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.7	7.9	11.9#
92	124.7	89.9	134.9

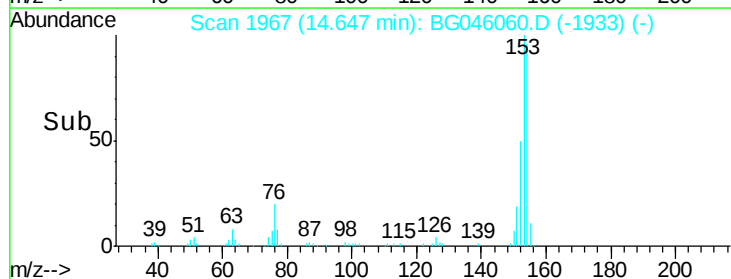
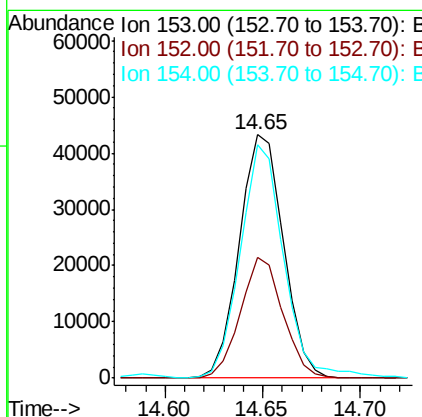
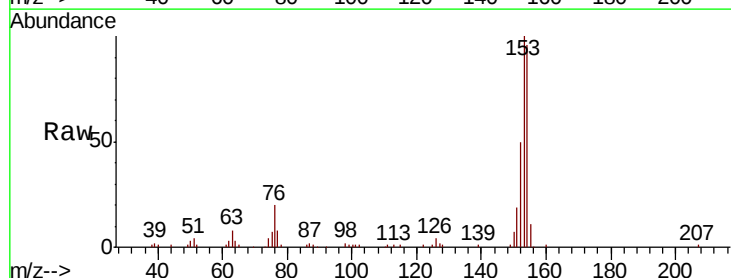
Manual Integrations
APPROVED

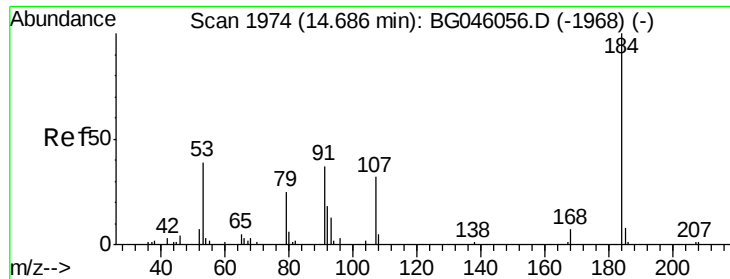
mohammad
7/27/2020 12:20:17 PM



#50
Acenaphthene
Concen: 3.831 ng/ul
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.0	58.4
154	95.6	70.7	106.1





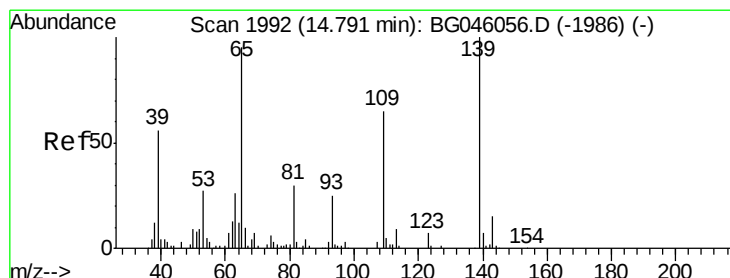
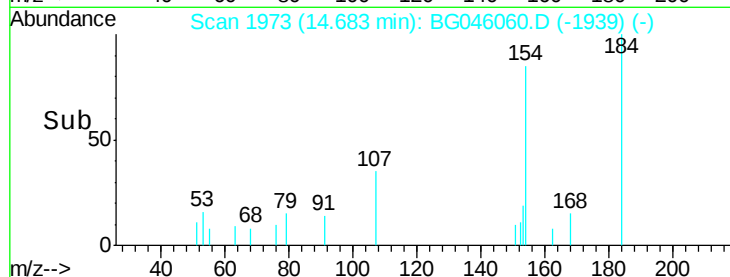
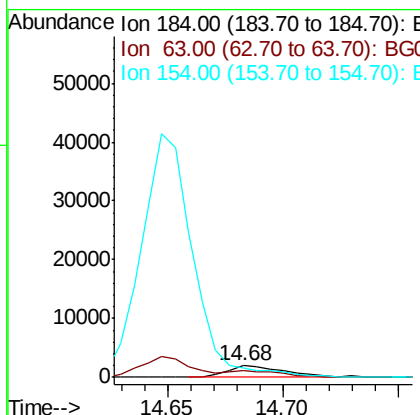
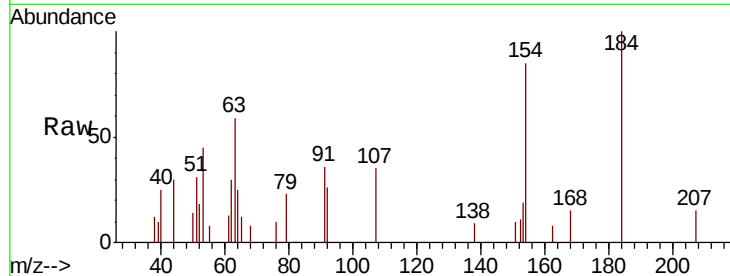
#51
 2,4-Dinitrophenol
 Concen: 2.002 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.3	35.7	53.5#
154	84.6	47.5	71.3#

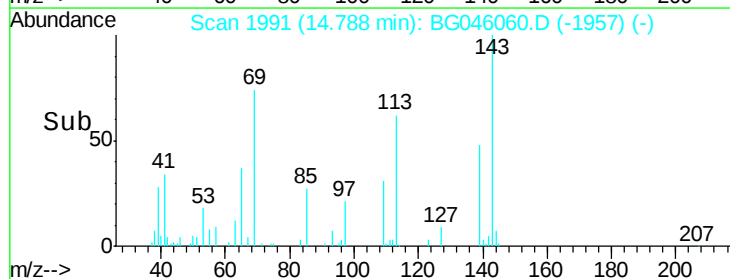
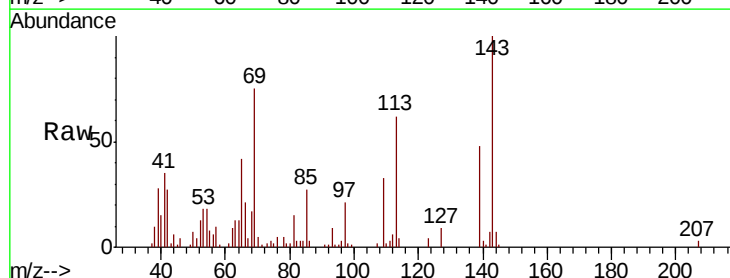
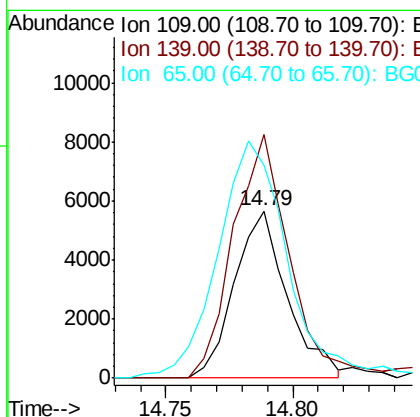
Manual Integrations
 APPROVED

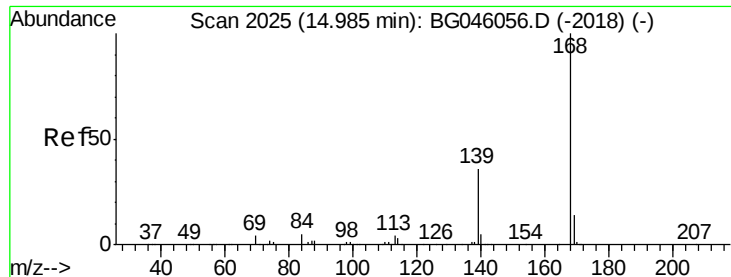
mohammad
 7/27/2020 12:20:17 PM



#53
 4-Nitrophenol
 Concen: 3.473 ng/ul
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
109	100		
139	145.5	120.2	180.2
65	127.0	99.6	149.4





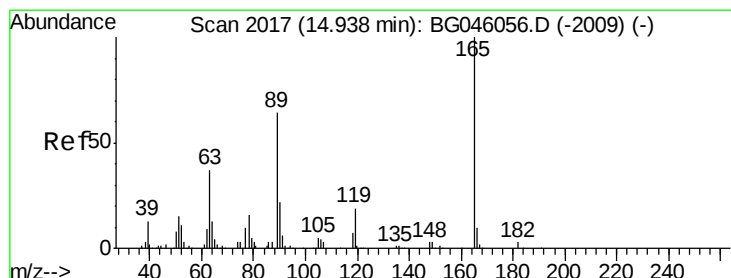
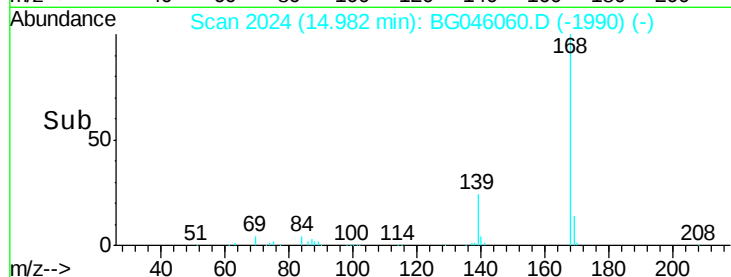
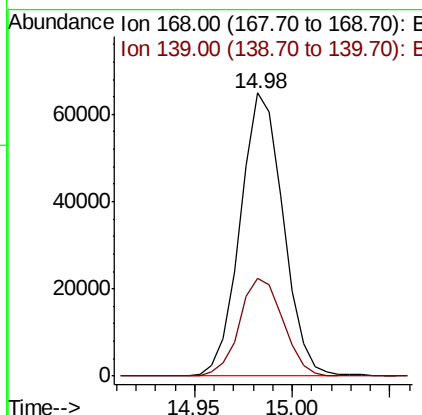
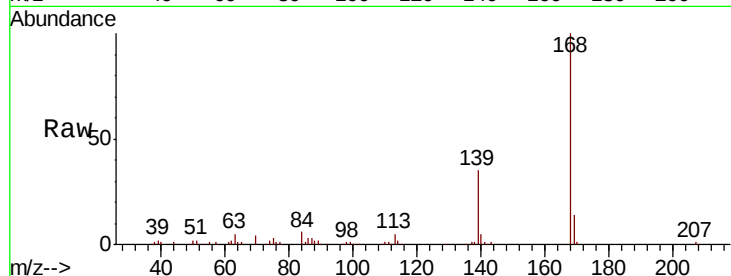
#54
Dibenzenofuran
Concen: 4.115 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:168 Resp: 99189
Ion Ratio Lower Upper
168 100
139 34.5 27.7 41.5

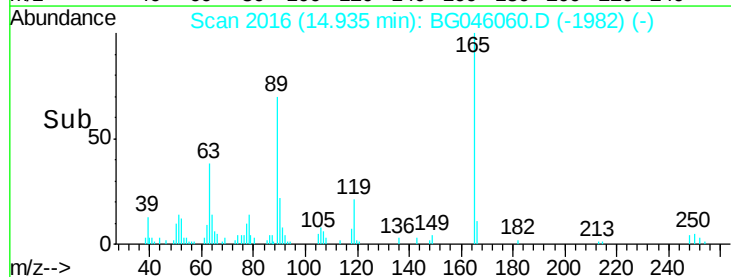
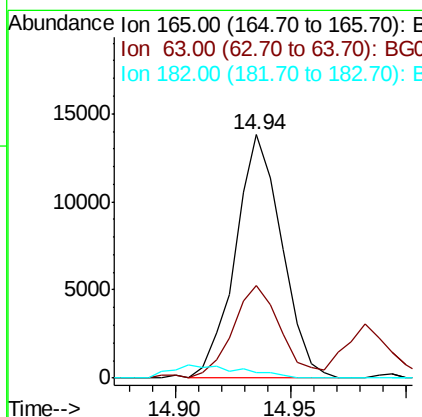
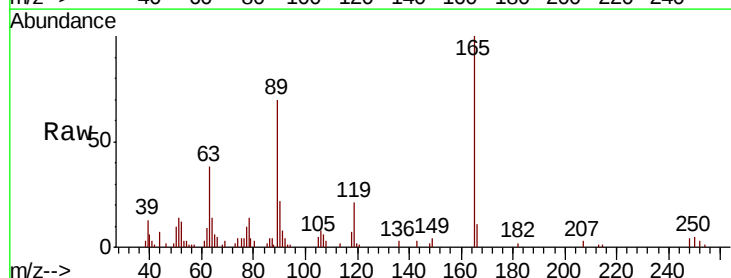
Manual Integrations
APPROVED

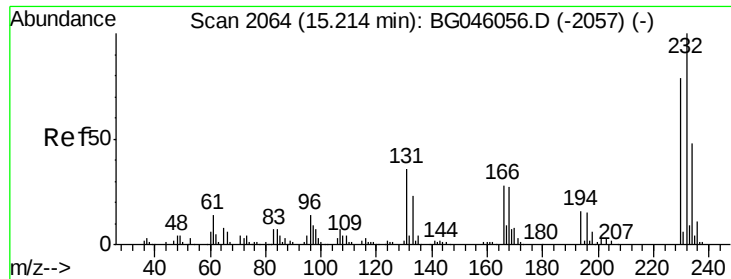
mohammad
7/27/2020 12:20:17 PM



#55
2,4-Dinitrotoluene
Concen: 3.534 ng/ul
RT: 14.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion:165 Resp: 19455
Ion Ratio Lower Upper
165 100
63 38.1 29.4 44.0
182 2.2 2.4 3.6#





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.553 ng/ul

RT: 15.21 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

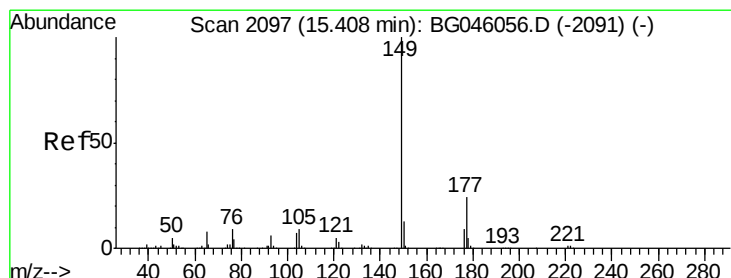
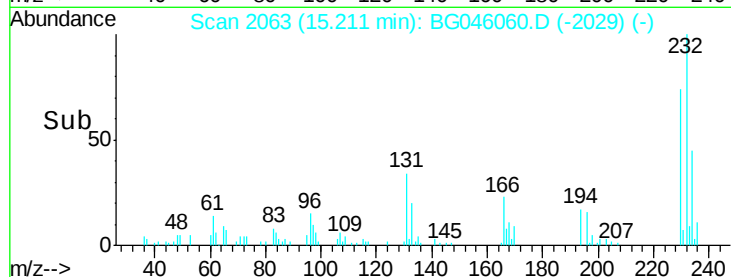
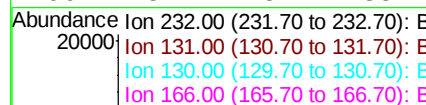
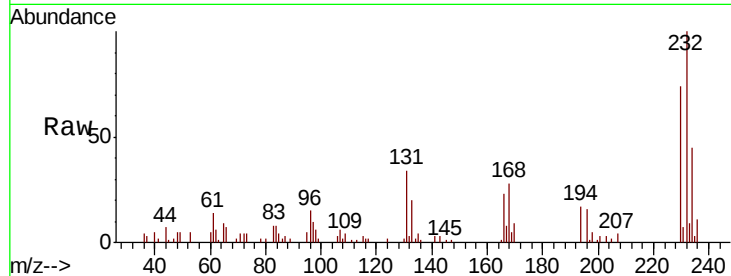
ClientSampleId :

MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.0	30.6	46.0
130	1.9	1.8	2.6
166	23.2	23.4	35.2#

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



#57

Diethylphthalate

Concen: 3.846 ng/ul

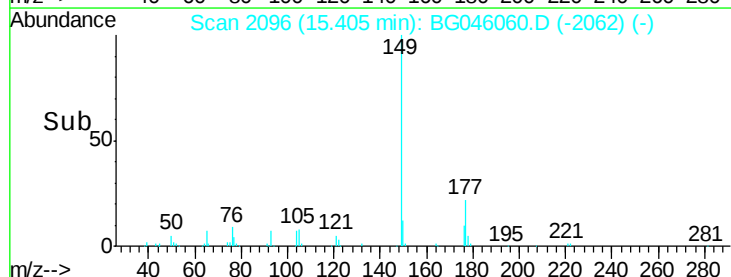
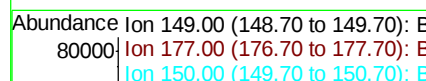
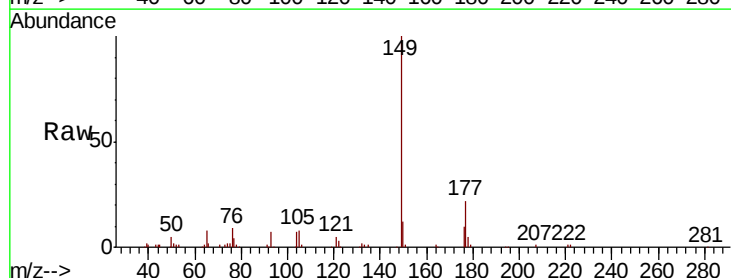
RT: 15.41 min Scan# 2096

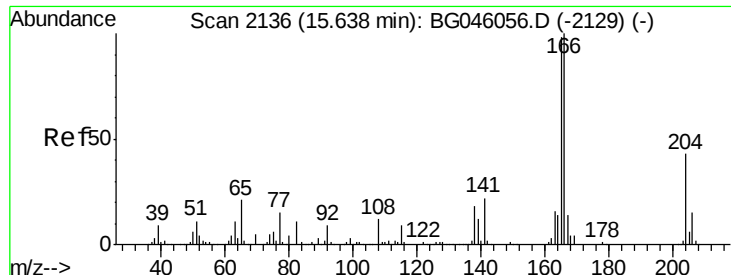
Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.0	28.6
150	12.1	9.6	14.4





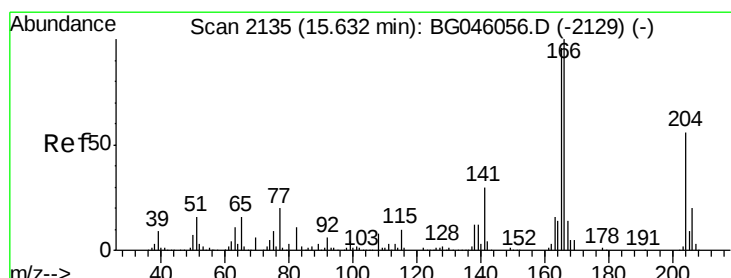
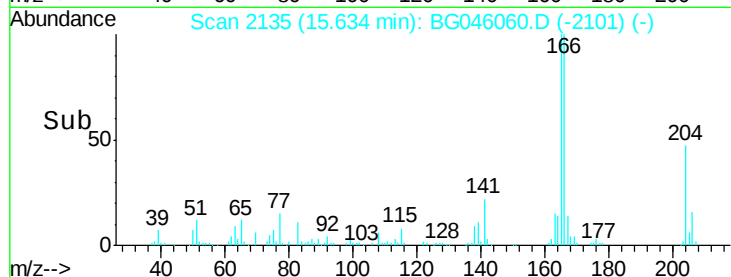
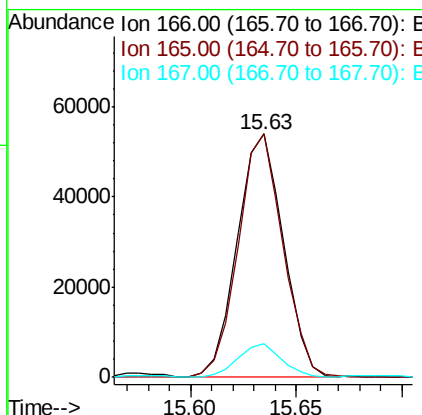
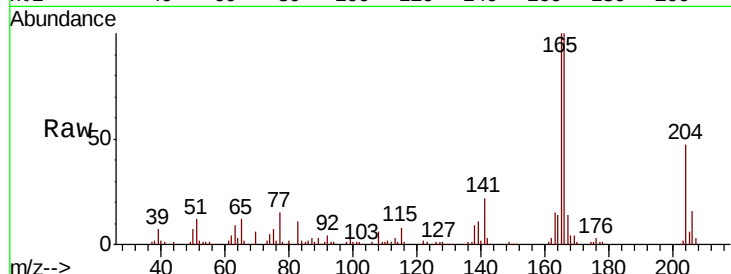
#59
Fluorene
 Concen: 3.987 ng/ul
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
166	100	81493		
165	99.8	75.3	112.9	
167	13.7	11.0	16.4	

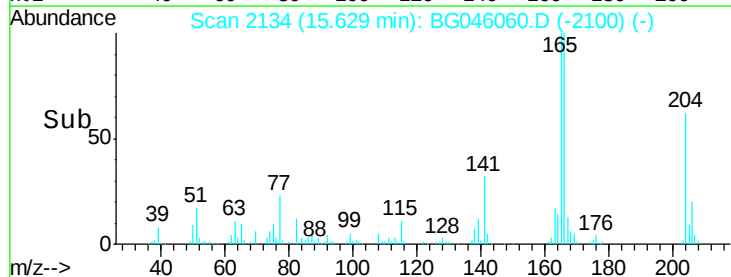
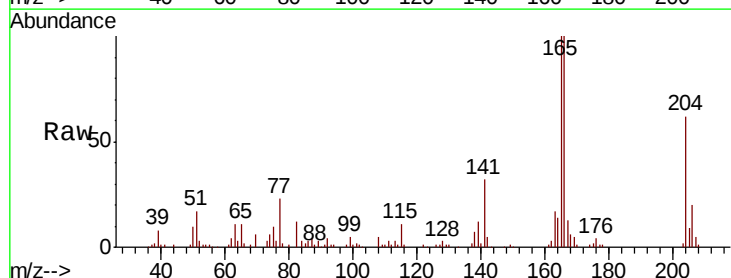
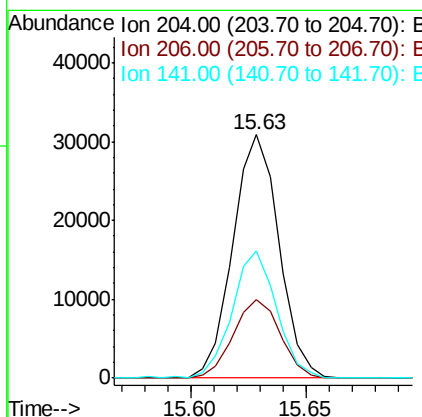
Manual Integrations
 APPROVED

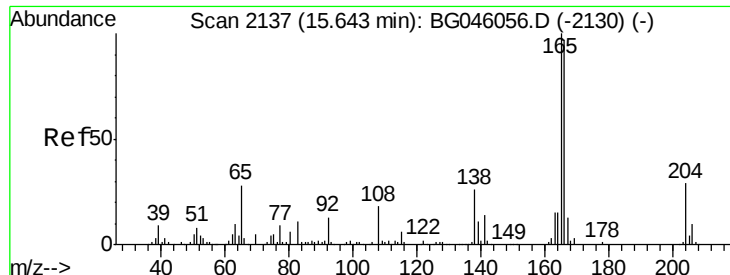
mohammad
 7/27/2020 12:20:17 PM



#60
4-Chlorophenyl-phenylether
 Concen: 3.994 ng/ul
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	42890		
206	32.5	28.2	42.2	
141	52.4	44.6	66.8	





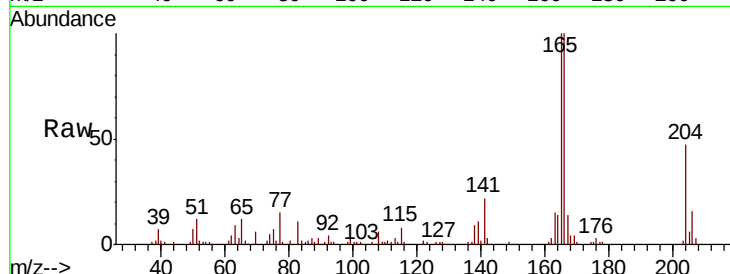
#61
4-Nitroaniline
Concen: 2.883 ng/ul m
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

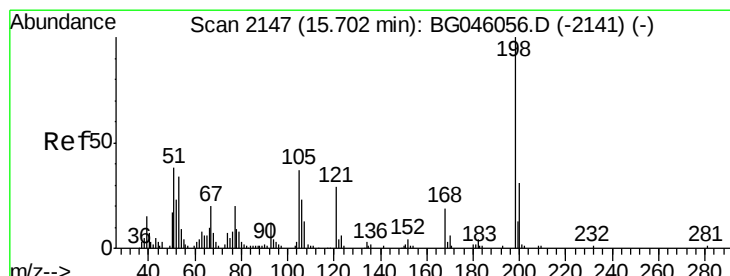
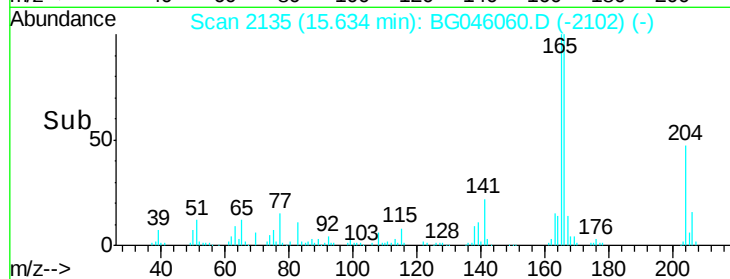
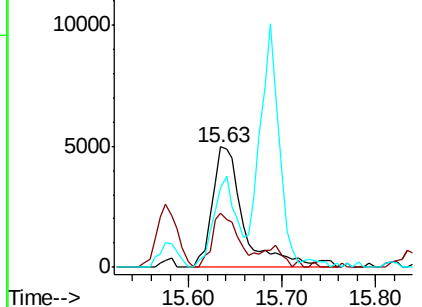
Tot Ion	Ratio	Resp	Lower	Upper
138	100	11704		
92	45.4	40.0	60.0	
108	65.9	53.1	79.7	

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



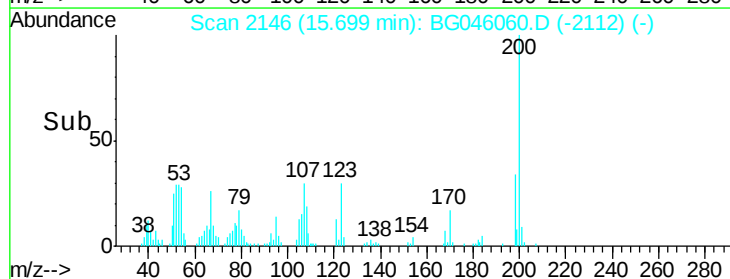
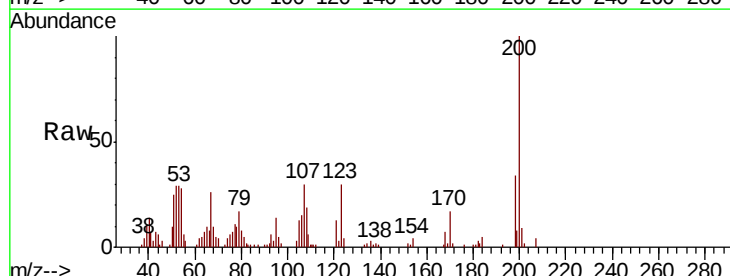
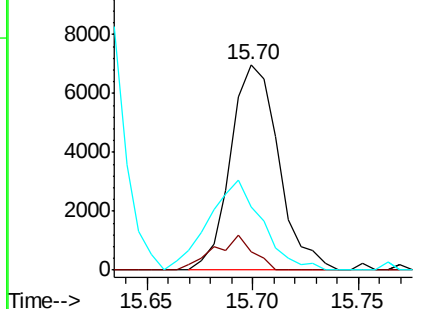
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

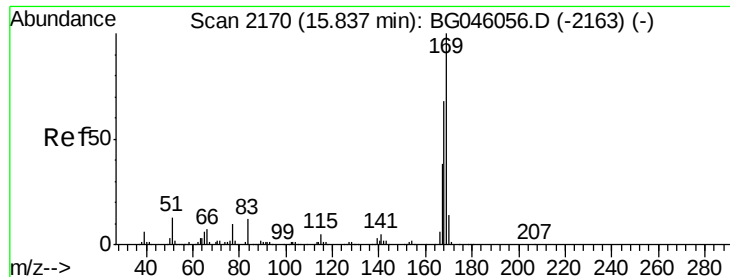


#64
4,6-Dinitro-2-methylphenol
Concen: 3.592 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10997		
182	8.6	3.3	4.9#	
77	31.0	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

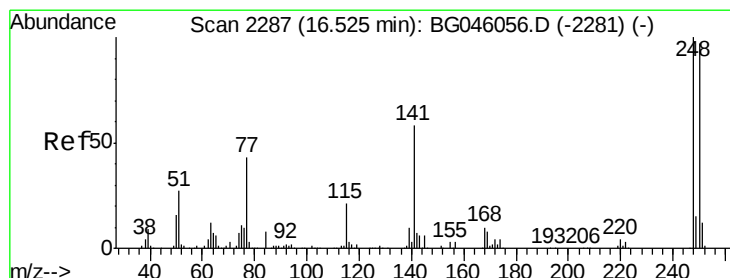
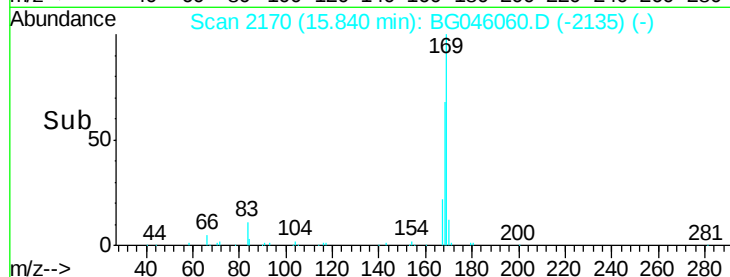
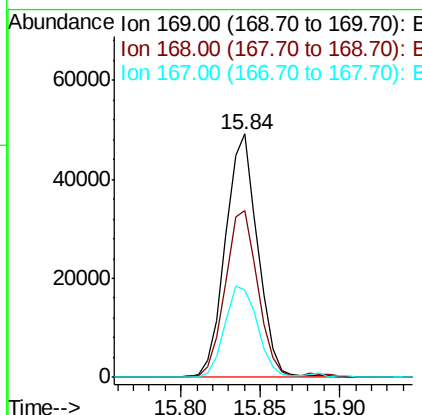
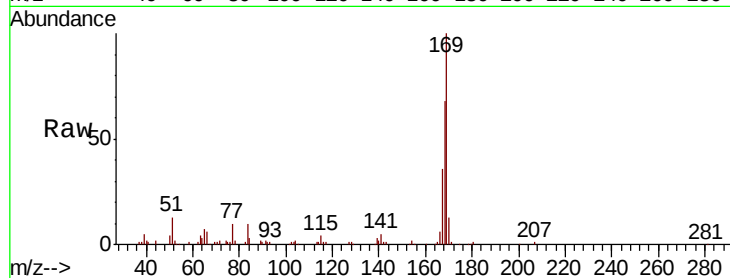
N-Nitrosodiphenylamine
 Concen: 4.156 ng/ul
 RT: 15.84 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.8	83.8
167	35.9	30.1	45.1

Manual Integrations
 APPROVED

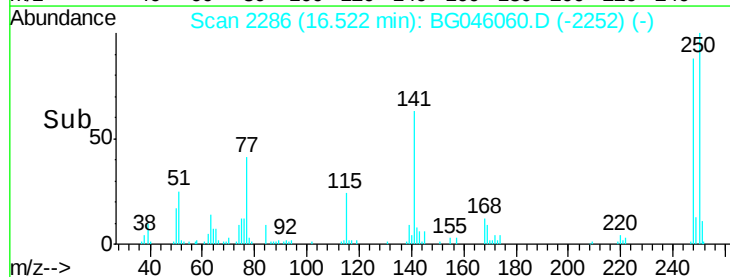
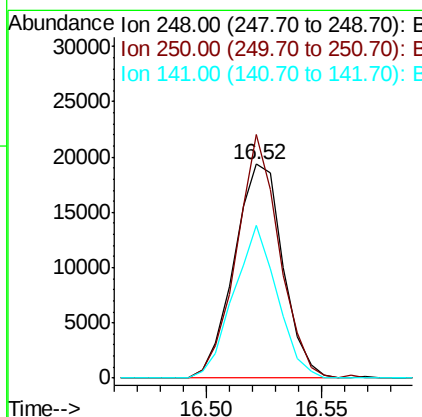
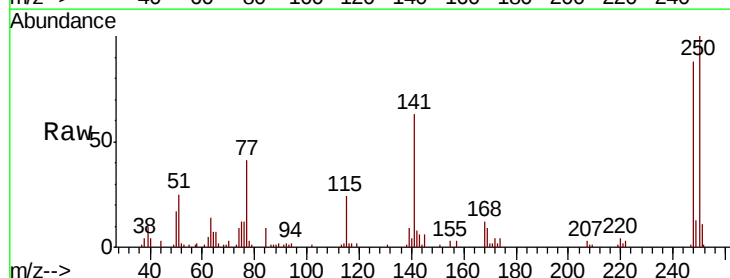
mohammad
 7/27/2020 12:20:17 PM

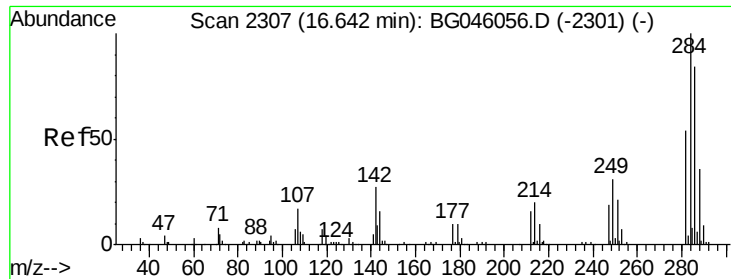


#66

4-Bromophenyl-phenylether
 Concen: 3.993 ng/ul
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	113.7	73.2	109.8#
141	71.5	49.1	73.7





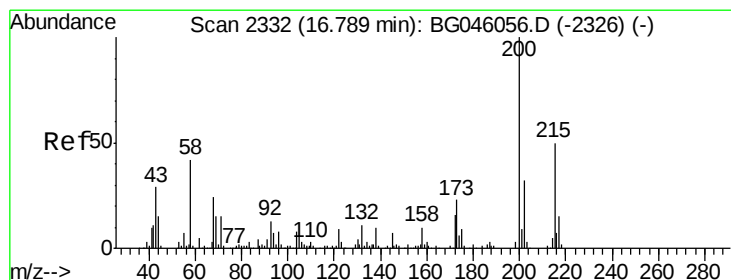
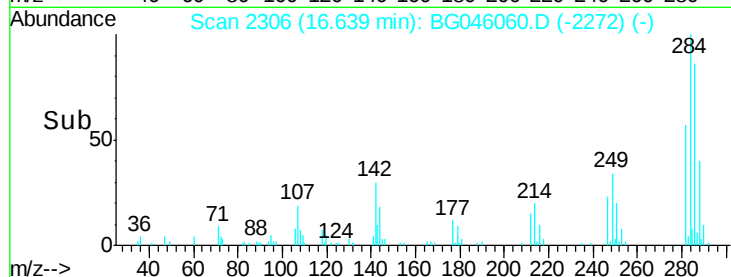
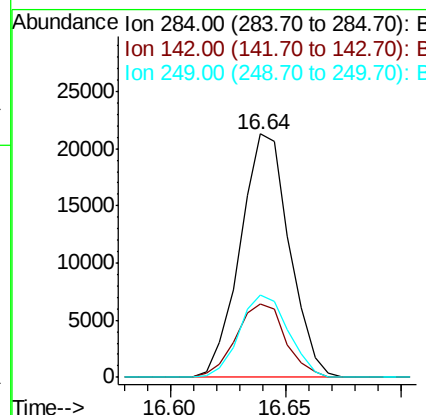
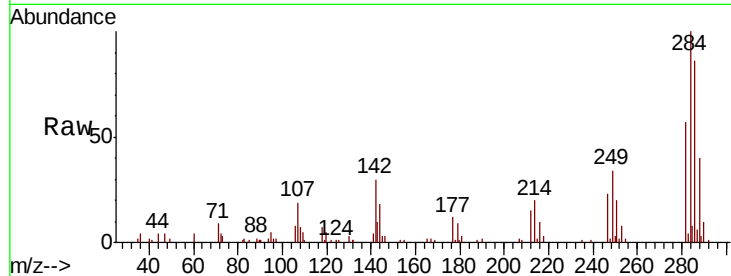
#67
Hexachlorobenzene
Concen: 3.917 ng/ul
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.4	21.8	32.6	
249	34.0	24.8	37.2	

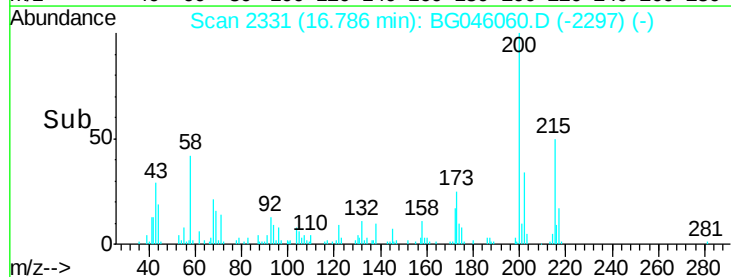
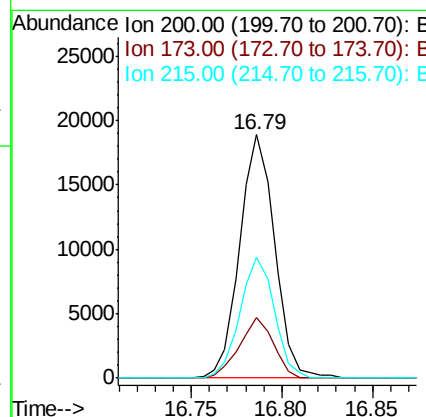
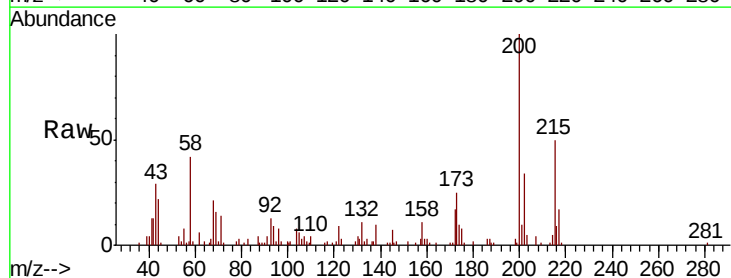
Manual Integrations
APPROVED

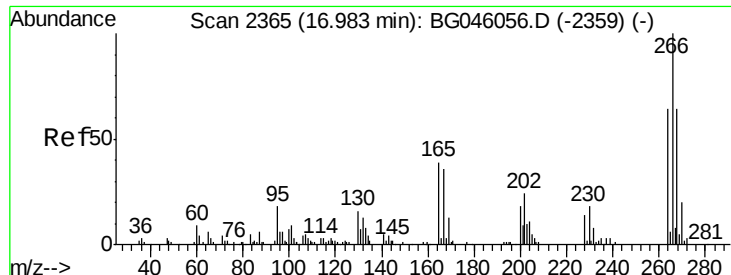
mohammad
7/27/2020 12:20:17 PM



#68
Atrazine
Concen: 3.808 ng/ul
RT: 16.79 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.8	19.0	28.6	
215	49.7	42.6	63.8	





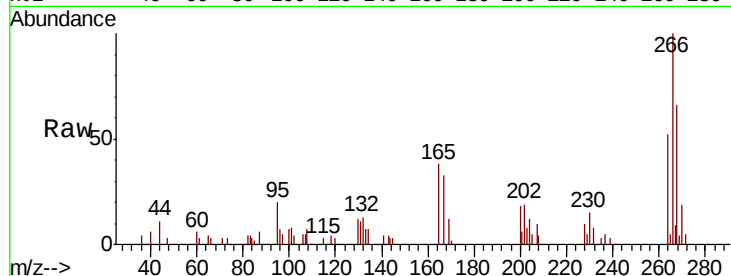
#69
 Pentachlorophenol
 Concen: 2.769 ng/ul m
 RT: 16.99 min Scan# 2365
 Delta R.T. 0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

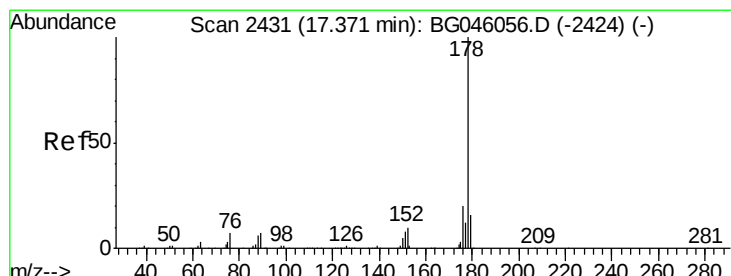
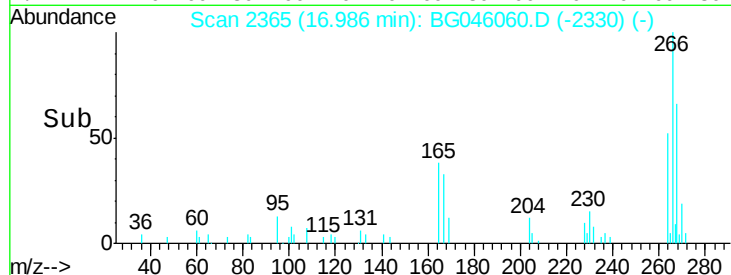
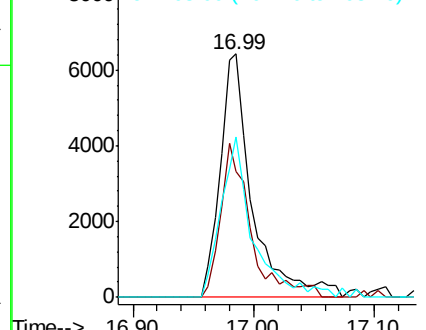
Tot Ion	Ratio	Lower	Upper
266	100		
264	51.8	51.3	76.9
268	65.7	53.8	80.6

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

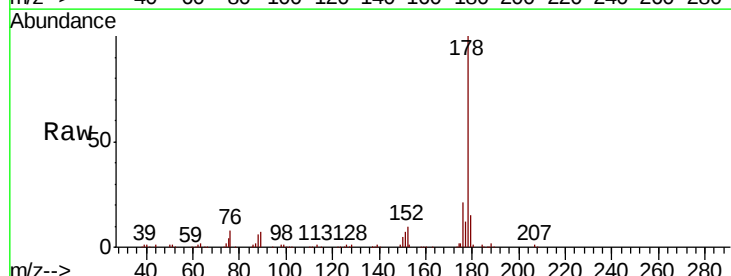


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

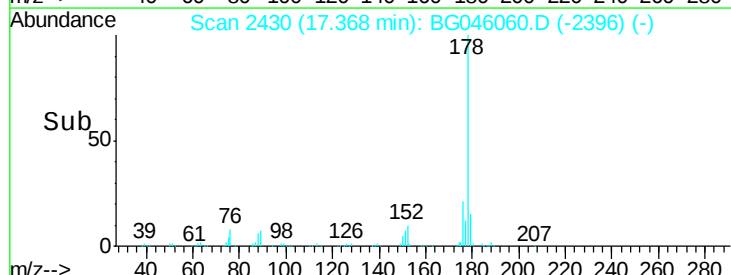
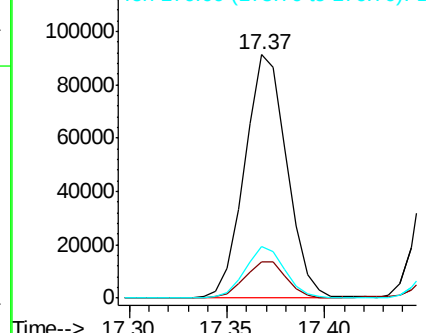


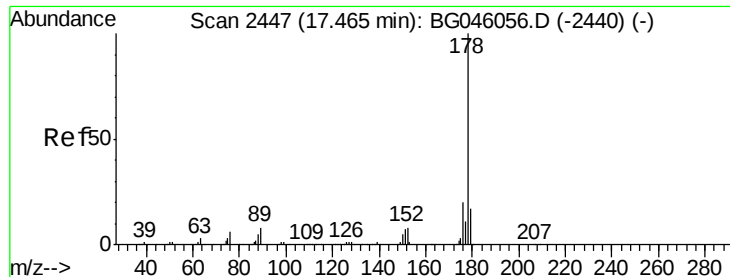
#70
 Phenanthrene
 Concen: 4.251 ng/ul
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.0	19.6
176	21.0	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: 4.114 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

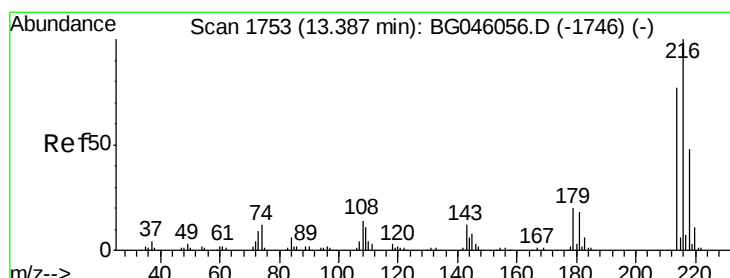
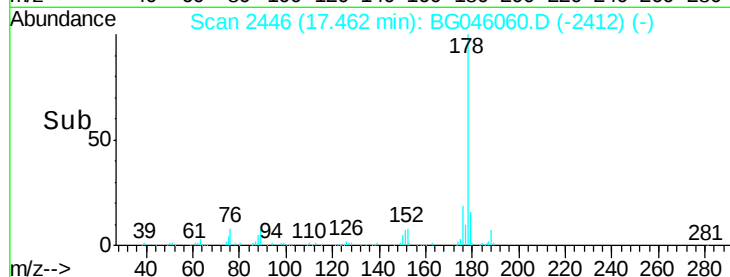
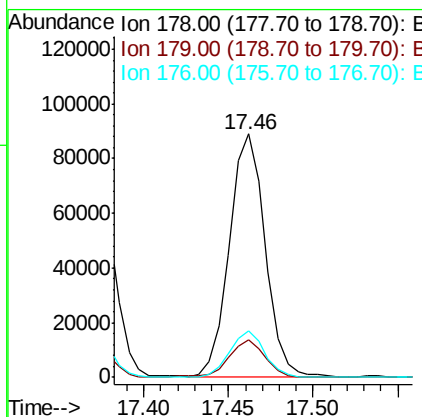
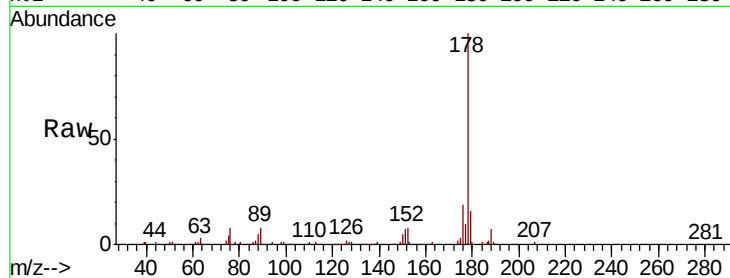
ClientSampled :

MDL-SOIL-02

Tot Ion:178	Resp:	131388
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.7 19.1
176	19.3	15.8 23.8

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.329 ng/uL

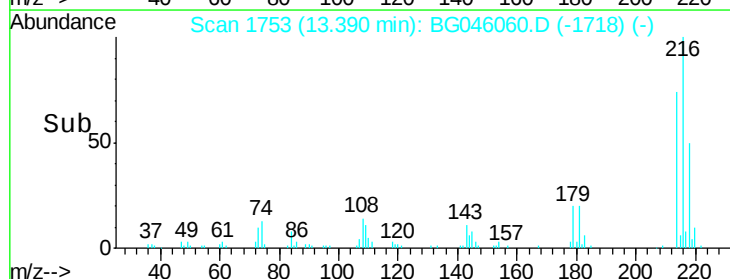
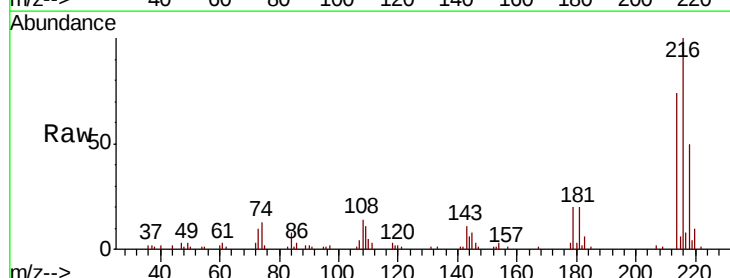
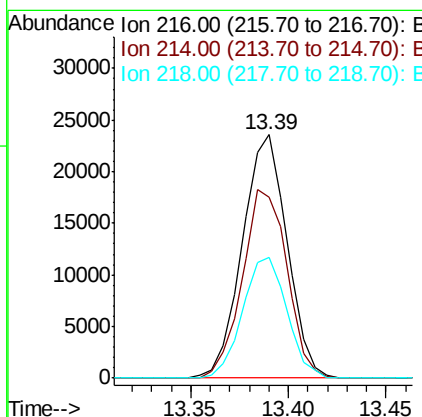
RT: 13.39 min Scan# 1753

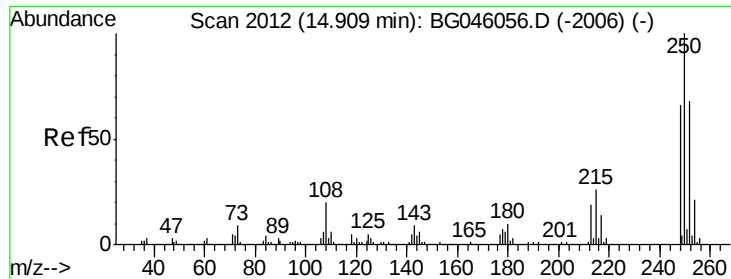
Delta R.T. 0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion:216	Resp:	37335
Ion Ratio	Lower	Upper
216	100	
214	74.2	62.9 94.3
218	49.7	40.2 60.2





#74

Pentachlorobenzene

Concen: 4.170 ng/uL

RT: 14.91 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

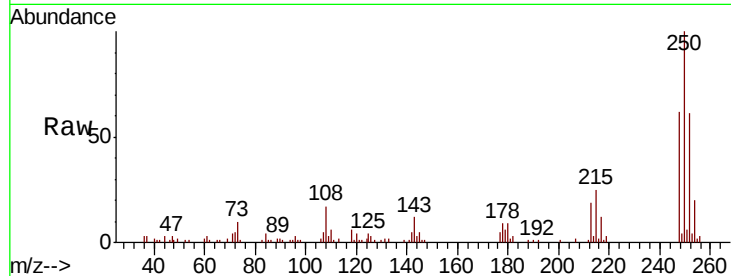
ClientSampleId :

MDL-SOIL-02

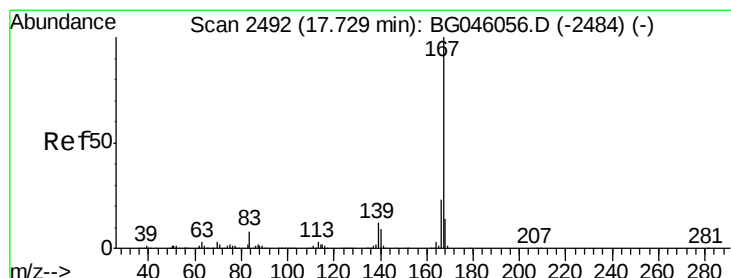
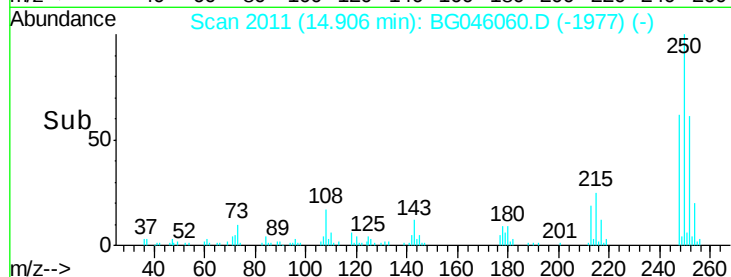
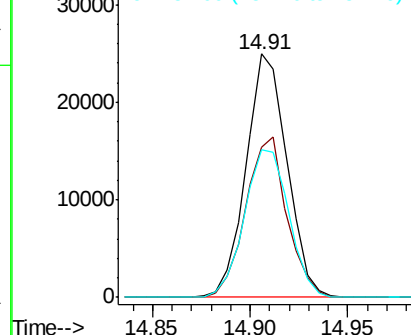
Tot Ion:	250	Resp:	36323
Ion Ratio	Lower	Upper	
250	100		
248	61.6	49.1	73.7
252	60.8	51.4	77.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



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



#75

Carbazole

Concen: 4.354 ng/uL

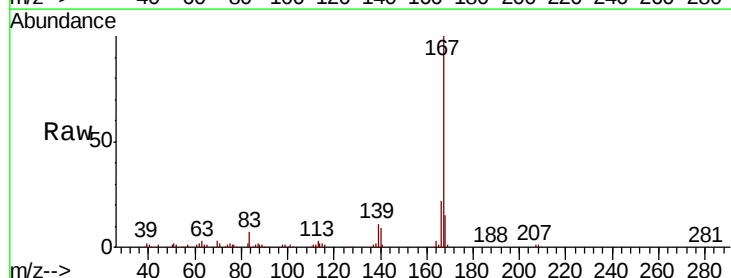
RT: 17.73 min Scan# 2491

Delta R.T. -0.00 min

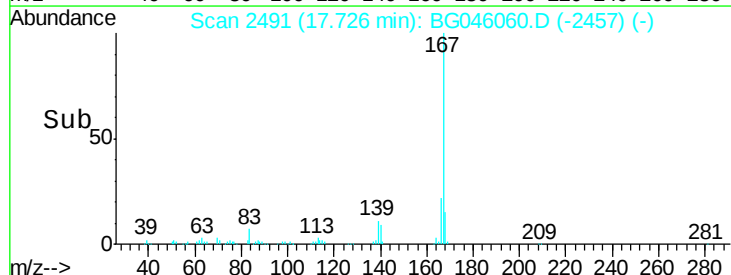
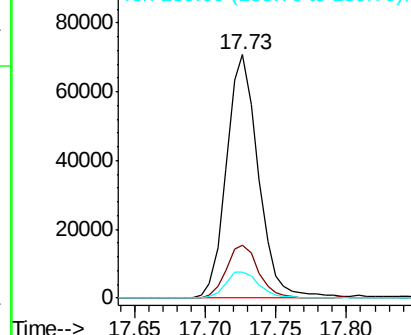
Lab File: BG046060.D

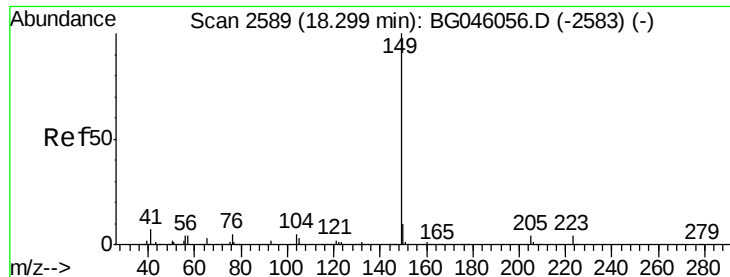
Acq: 24 Jul 2020 11:35

Tgt Ion:	167	Resp:	111575
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.8	28.2
139	10.6	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





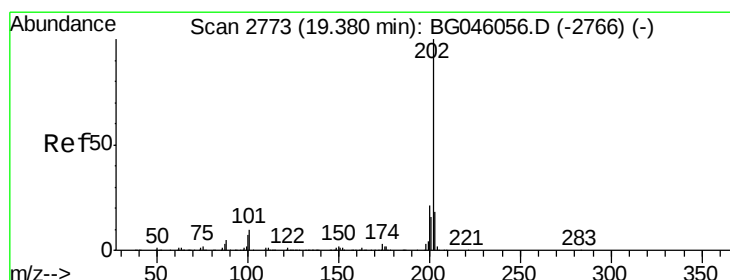
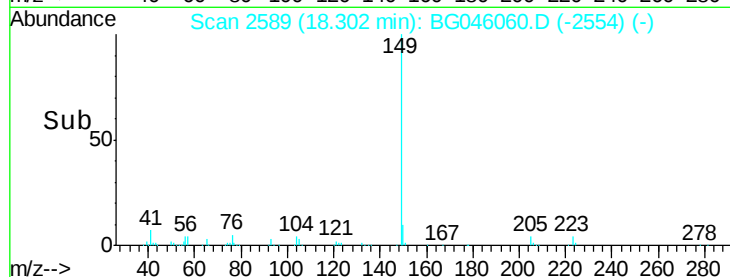
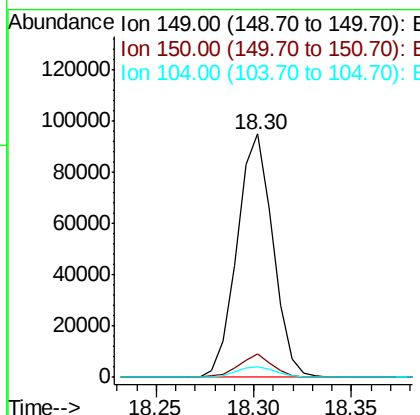
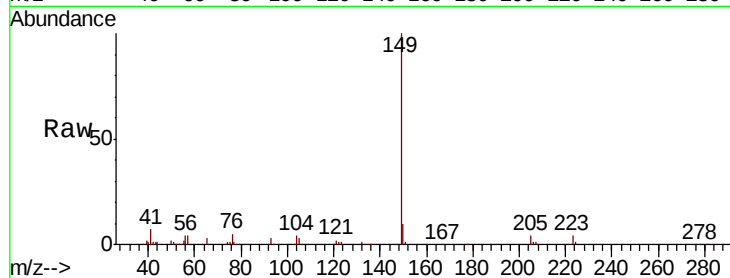
#76
Di-n-butylphthalate
Concen: 3.827 ng/ul
RT: 18.30 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.3	4.1	6.1

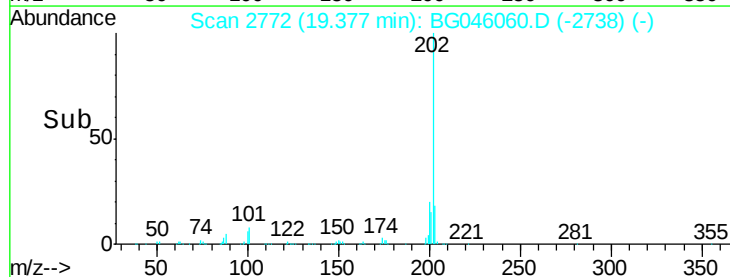
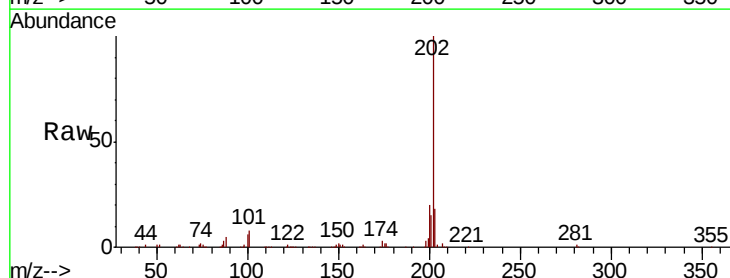
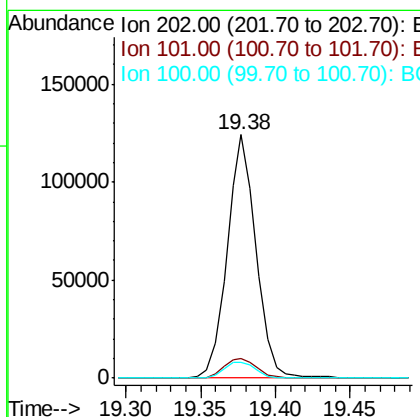
Manual Integrations
APPROVED

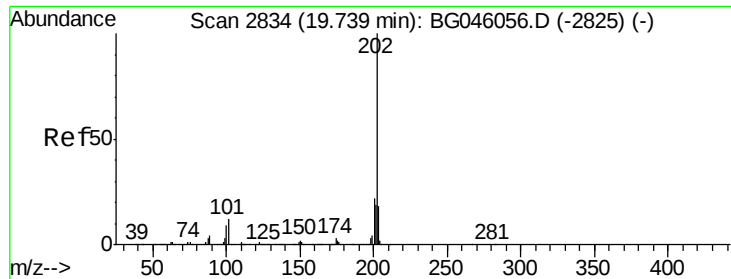
mohammad
7/27/2020 12:20:17 PM



#77
Fluoranthene
Concen: 4.775 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.8	11.6
100	6.5	6.5	9.7





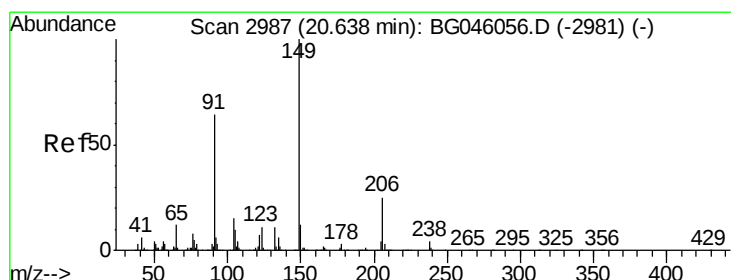
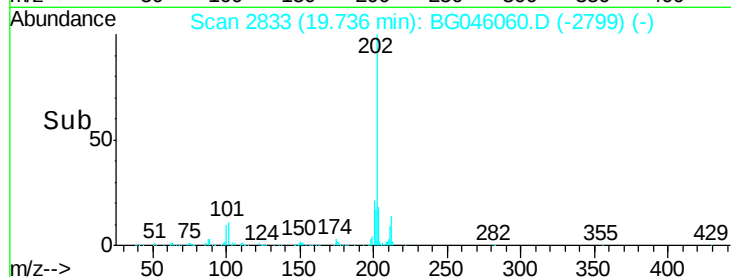
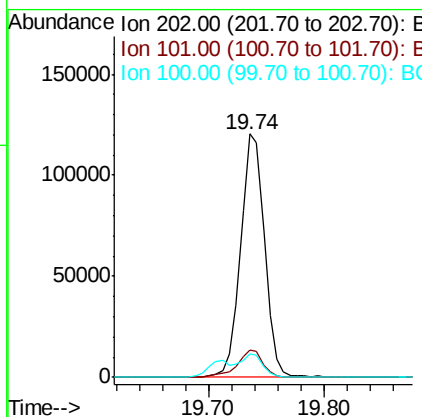
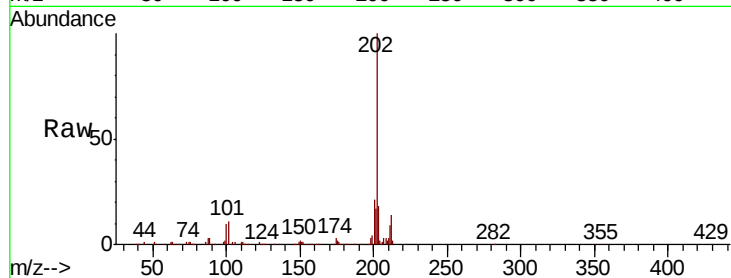
#80
Pvrene
Concen: 4.344 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
100	9.9	7.6	11.4

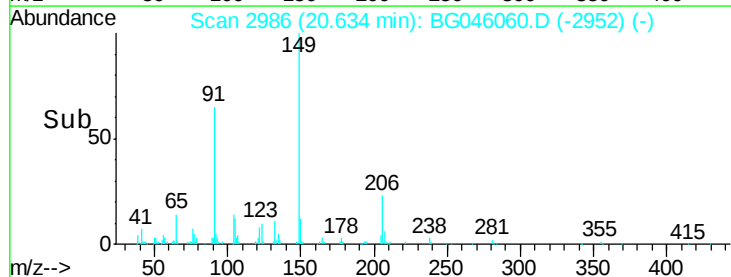
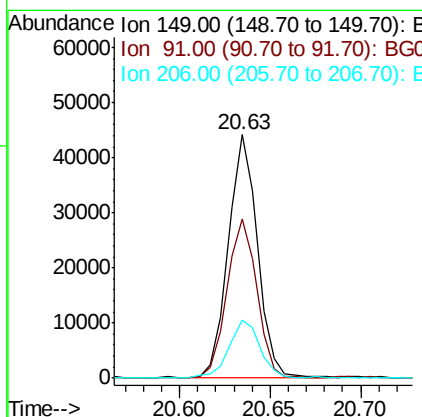
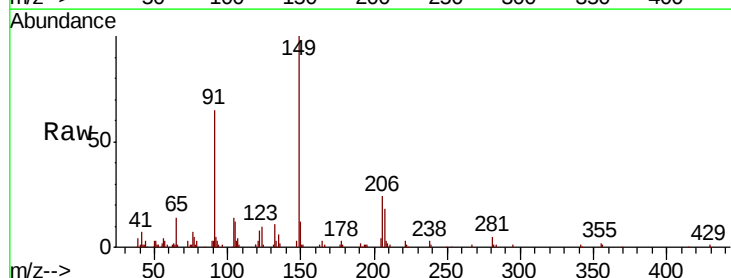
Manual Integrations
APPROVED

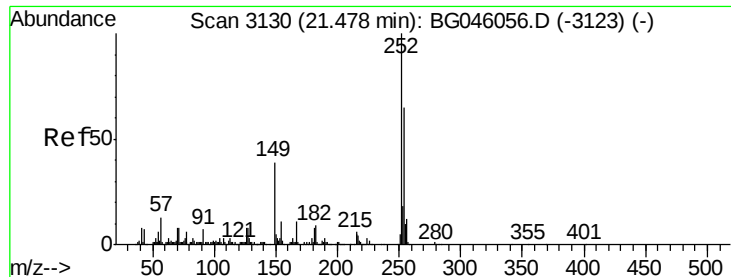
mohammad
7/27/2020 12:20:17 PM



#81
Butylbenzylphthalate
Concen: 3.632 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	55.1	82.7
206	23.7	19.8	29.8





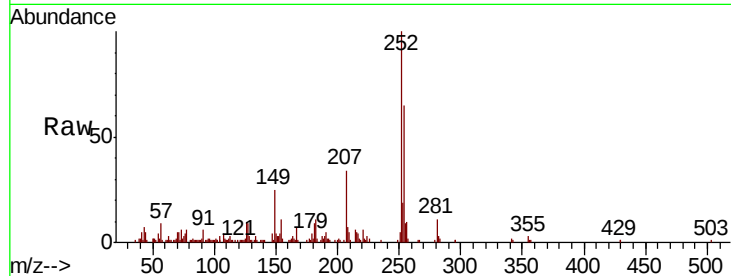
#82
 3,3'-Dichlorobenzidine
 Concen: 3.986 ng/ul
 RT: 21.47 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

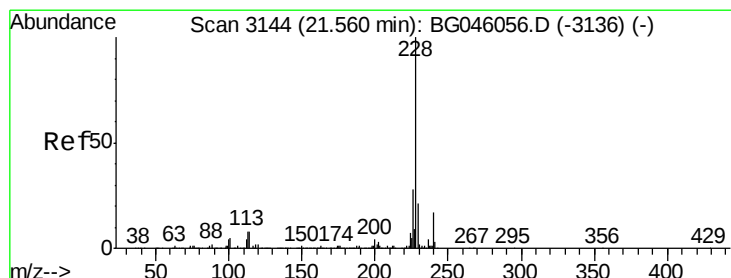
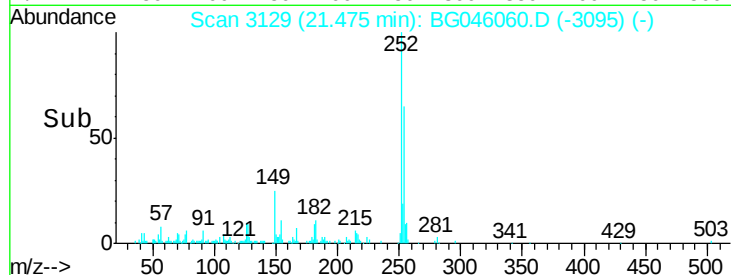
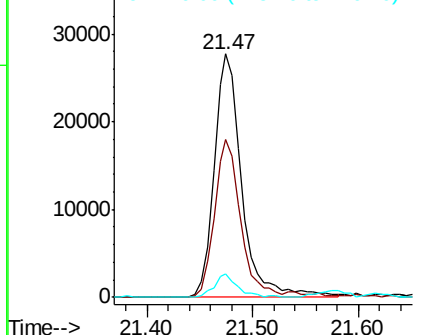
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	9.9	7.0	10.4

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

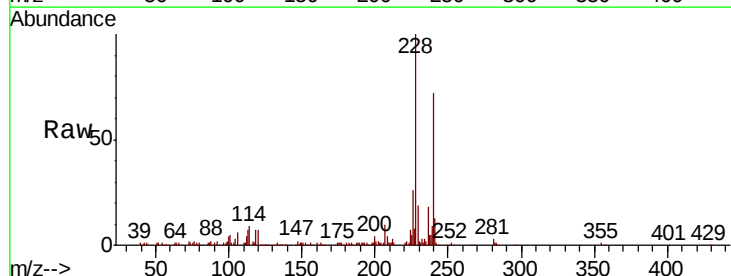


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

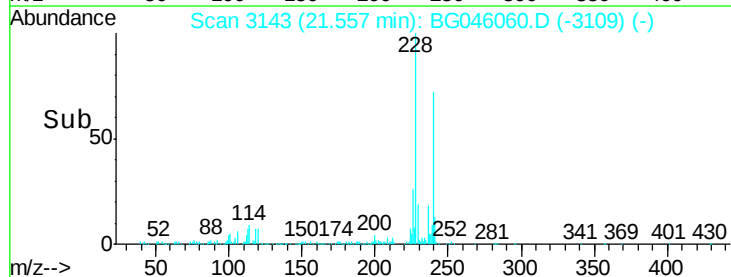
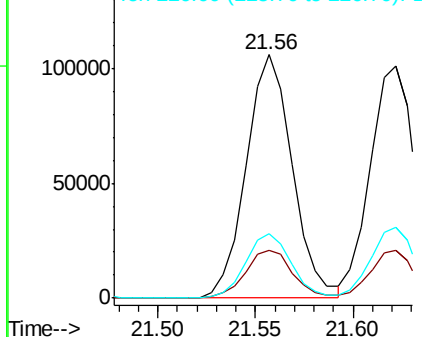


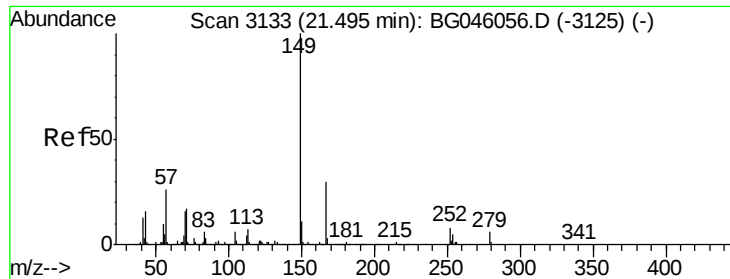
#83
 Benzo(a)anthracene
 Concen: 4.448 ng/ul
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.2	24.4
226	26.2	22.6	33.8



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





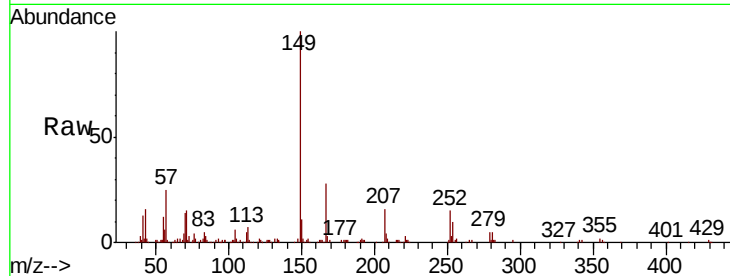
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.741 ng/ul
RT: 21.49 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.6	37.0
279	5.2	4.1	6.1

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM

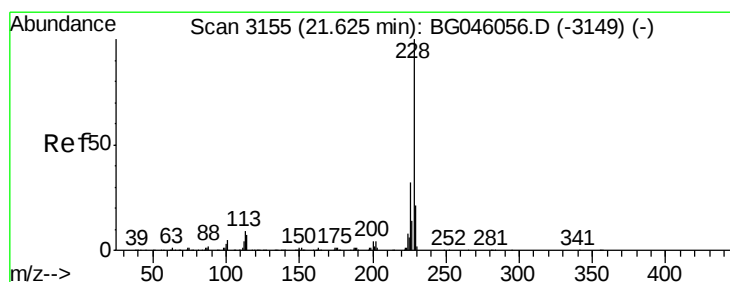
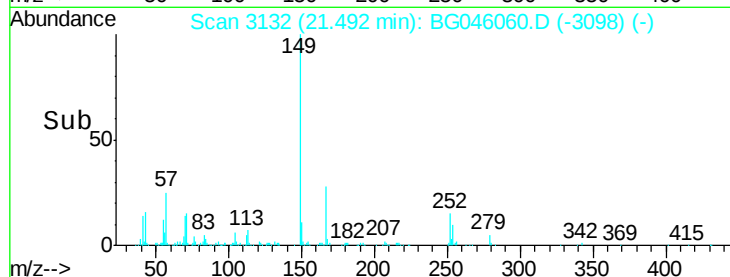
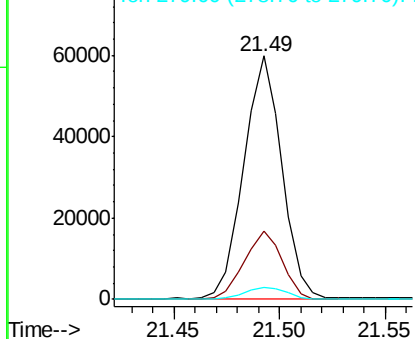


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
Chrysene
Concen: 4.301 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

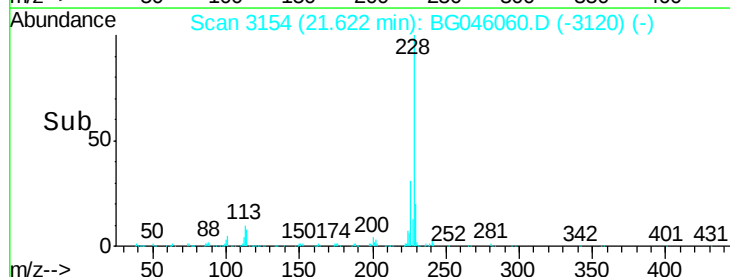
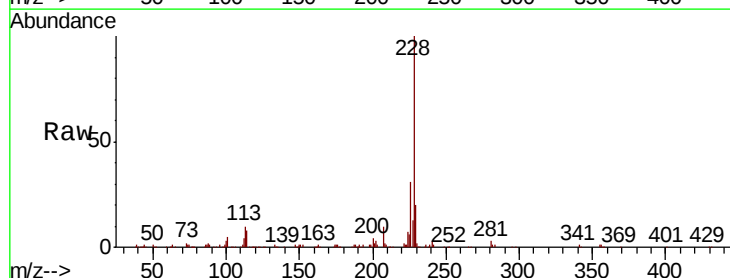
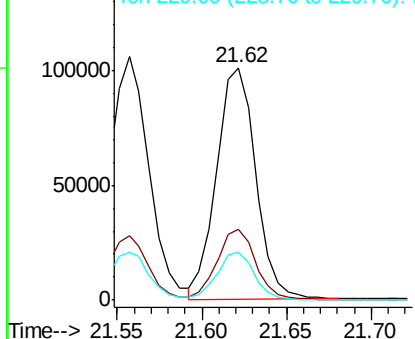
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	20.4	16.9	25.3

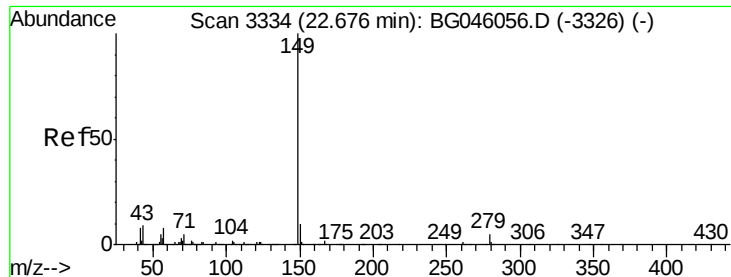
Abundance

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: 3.434 ng/ul

RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Instrument :

BNA_G

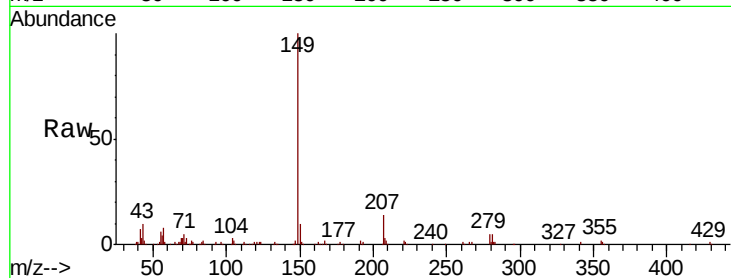
ClientSampleId :

MDL-SOIL-02

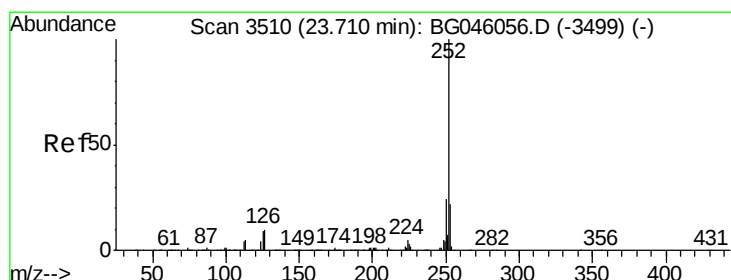
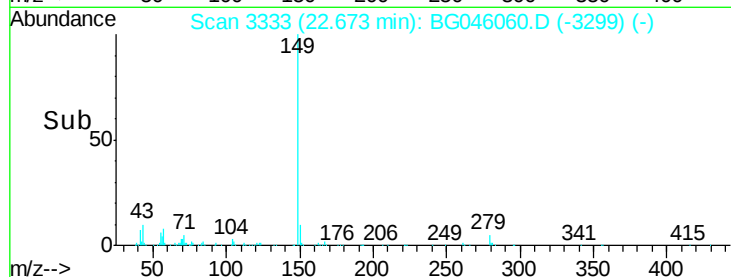
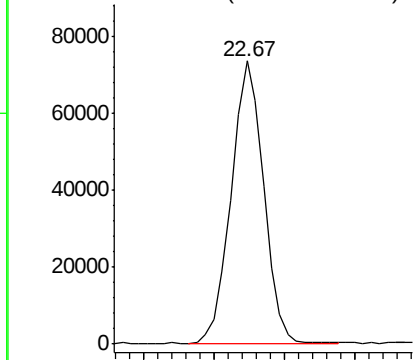
Tgt Ion:149 Resp: 118377

Manual Integrations
APPROVED

mohammad
7/27/2020 12:20:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.796 ng/ul

RT: 23.71 min Scan# 3509

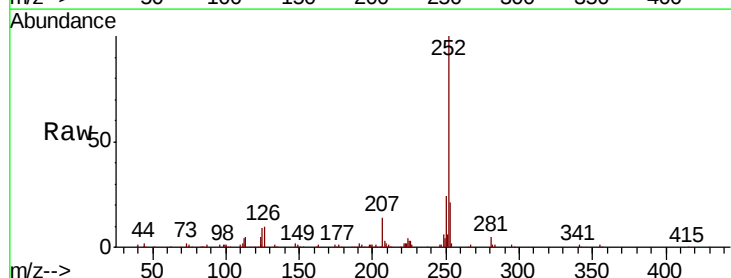
Delta R.T. -0.00 min

Lab File: BG046060.D

Acq: 24 Jul 2020 11:35

Tgt Ion:252 Resp: 169205

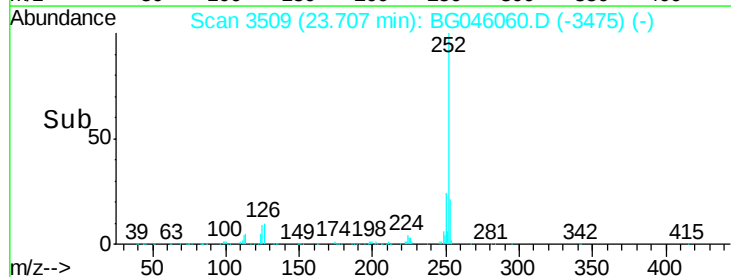
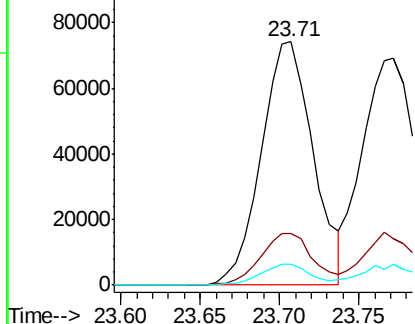
Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.7	6.3	9.5

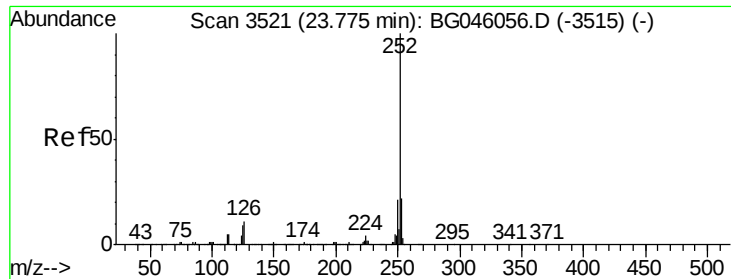


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





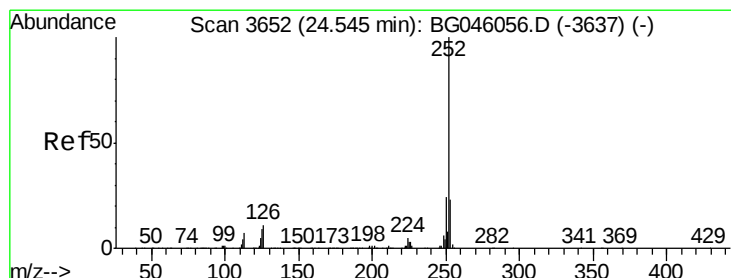
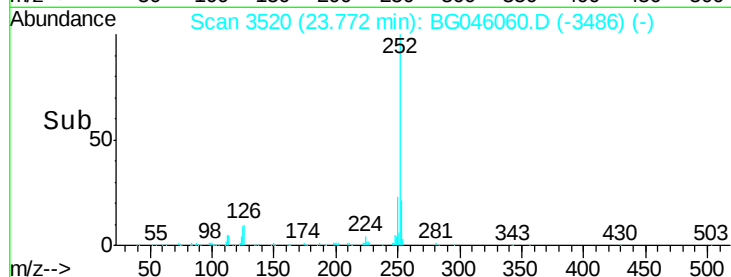
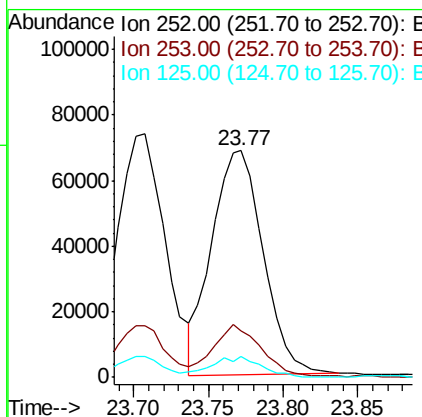
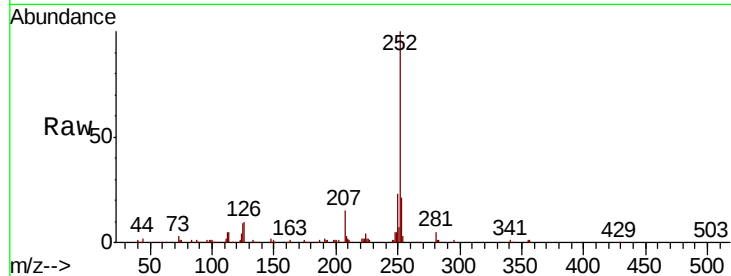
#89
Benzo(k)fluoranthene
Concen: 3.737 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.8	28.2
125	9.2	6.7	10.1

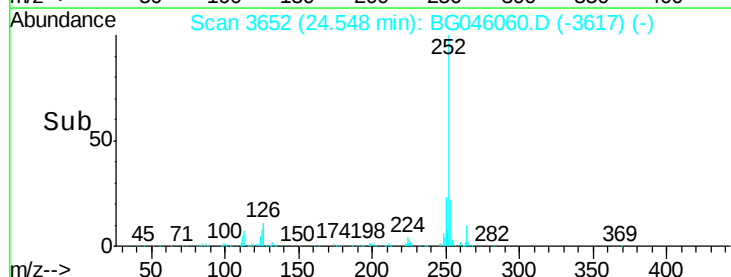
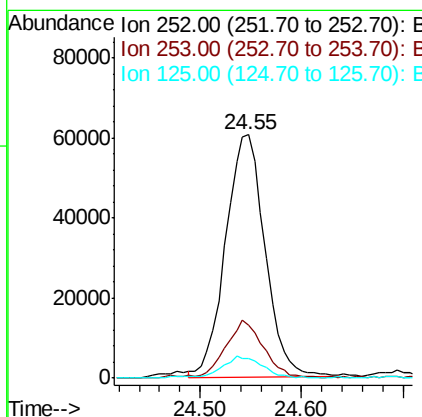
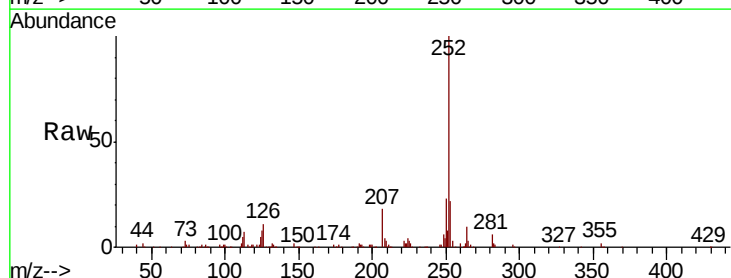
Manual Integrations
APPROVED

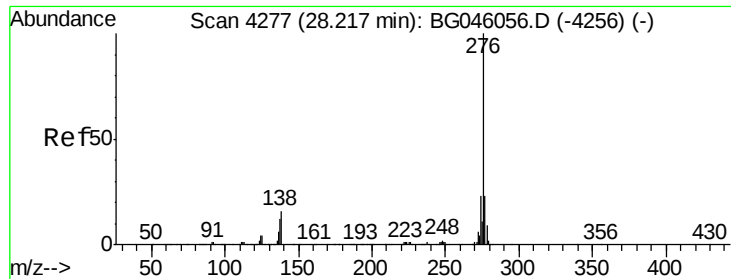
mohammad
7/27/2020 12:20:17 PM



#91
Benzo(a)pyrene
Concen: 4.014 ng/ul
RT: 24.55 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.3	7.4	11.2





#92

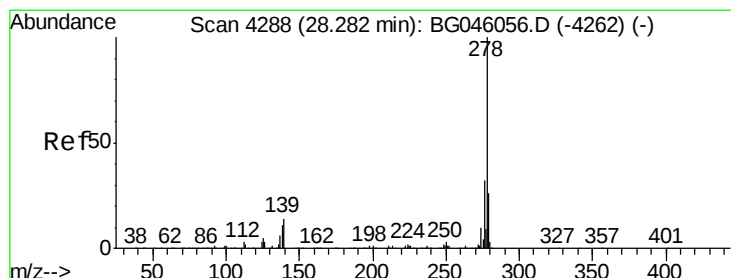
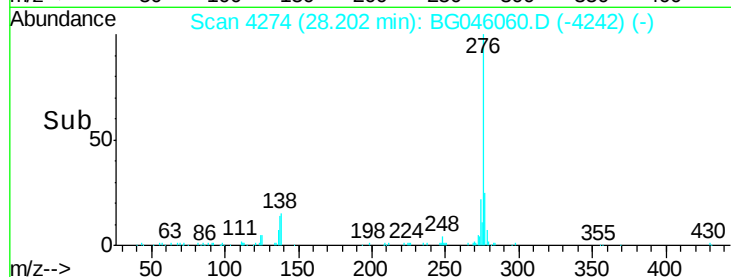
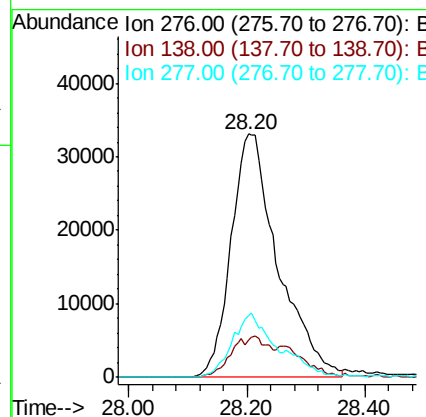
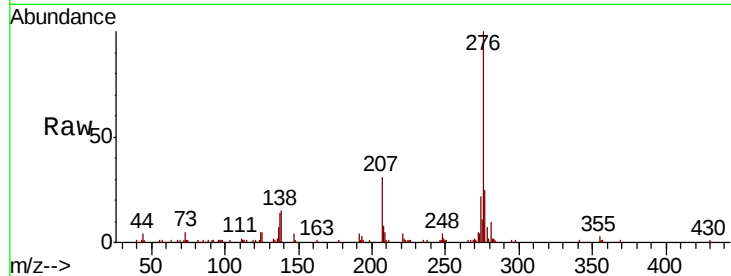
Indeno(1,2,3-cd)pyrene
Concen: 3.591 ng/uL
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.6	18.8
277	25.4	18.5	27.7

Manual Integrations
APPROVED

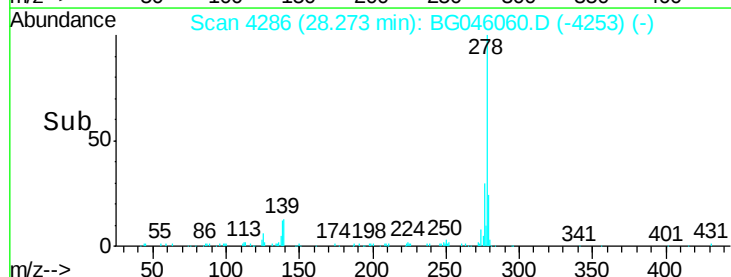
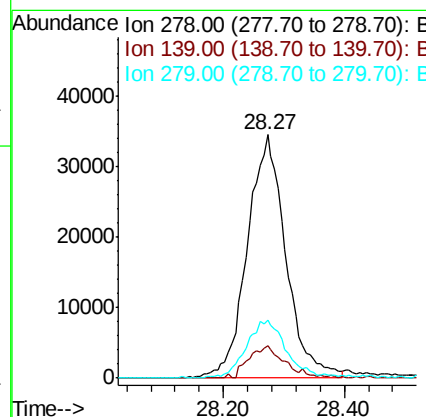
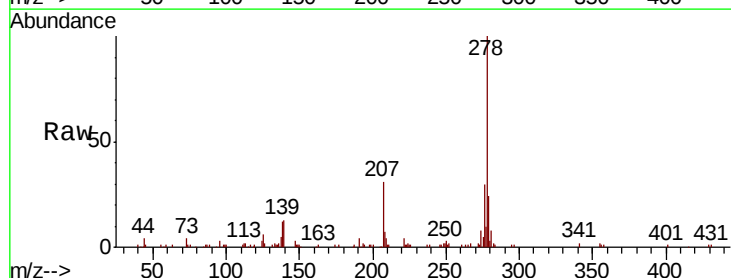
mohammad
7/27/2020 12:20:17 PM

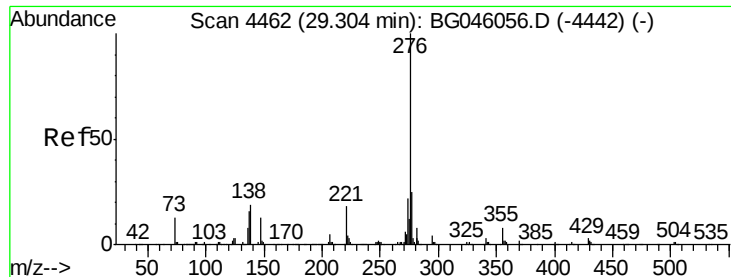


#93

Dibenzo(a,h)anthracene
Concen: 3.659 ng/uL
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG046060.D
Acq: 24 Jul 2020 11:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.6	16.0
279	23.9	19.4	29.0





#94
 Benzo(a,h,i)perylene
 Concen: 3.658 ng/ul
 RT: 29.30 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: BG046060.D
 Acq: 24 Jul 2020 11:35

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:	276	Resp:	157827
Ion Ratio		Lower	Upper
276	100		
138	18.3	13.6	20.4
277	24.6	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:17 PM

