

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055720.D
 Acq On : 21 Nov 2022 18:23
 Operator : CG/JU
 Sample : N5698-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-1MSD

Quant Time: Nov 22 02:06:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	33279	20.000	ng	-0.01
21) Naphthalene-d8	11.075	136	153902	20.000	ng	0.00
39) Acenaphthene-d10	14.870	164	119503	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	283214	20.000	ng	0.00
76) Chrysene-d12	21.909	240	255782	20.000	ng	0.00
86) Perylene-d12	25.317	264	273611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.775	112	252008	136.876	ng	0.00
7) Phenol-d6	7.397	99	342398	139.705	ng	0.00
23) Nitrobenzene-d5	9.418	82	206553	70.937	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	197963	117.642	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	562428	70.508	ng	0.00
79) Terphenyl-d14	20.199	244	981676	76.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.601	88	29614	37.638	ng	98
3) Pyridine	4.018	79	84341	34.942	ng	98
4) n-Nitrosodimethylamine	3.924	42	55403	43.353	ng	98
6) Aniline	7.561	93	97831	31.780	ng	97
8) 2-Chlorophenol	7.808	128	114705	54.498	ng	98
9) Benzaldehyde	7.373	77	62656m	37.644	ng	
10) Phenol	7.420	94	150467	54.831	ng	99
11) bis(2-Chloroethyl)ether	7.649	93	99350	47.241	ng	98
12) 1,3-Dichlorobenzene	8.137	146	111372	45.006	ng	97
13) 1,4-Dichlorobenzene	8.284	146	113820	45.517	ng	99
14) 1,2-Dichlorobenzene	8.607	146	111643	46.591	ng	97
15) Benzyl Alcohol	8.484	79	108297m	54.370	ng	
16) 2,2'-oxybis(1-Chloropr...	8.766	45	186261m	48.925	ng	
17) 2-Methylphenol	8.684	107	105552	54.177	ng	99
18) Hexachloroethane	9.342	117	39696	46.123	ng	99
19) n-Nitroso-di-n-propyla...	9.048	70	92107	48.913	ng	98
20) 3+4-Methylphenols	9.013	107	149631	54.979	ng	99
22) Acetophenone	9.071	105	175853	43.973	ng	# 98
24) Nitrobenzene	9.465	77	131881	43.361	ng	99
25) Isophorone	9.982	82	264186	47.885	ng	99
26) 2-Nitrophenol	10.176	139	67922	48.376	ng	95
27) 2,4-Dimethylphenol	10.229	122	123735m	57.905	ng	
28) bis(2-Chloroethoxy)met...	10.464	93	149540	50.489	ng	99
29) 2,4-Dichlorophenol	10.716	162	130032	50.840	ng	98
30) 1,2,4-Trichlorobenzene	10.934	180	127812	43.014	ng	98
31) Naphthalene	11.128	128	353696	42.513	ng	99
32) Benzoic acid	10.376	122	81613	46.422	ng	97
33) 4-Chloroaniline	11.228	127	37443	10.910	ng	98
34) Hexachlorobutadiene	11.404	225	85317	42.049	ng	96
35) Caprolactam	12.003	113	44665m	50.464	ng	
36) 4-Chloro-3-methylphenol	12.338	107	146107	51.975	ng	99
37) 2-Methylnaphthalene	12.714	142	276336	44.360	ng	98
38) 1-Methylnaphthalene	12.932	142	262717	43.443	ng	100
40) 1,2,4,5-Tetrachloroben...	13.078	216	162025	43.144	ng	99
41) Hexachlorocyclopentadiene	13.055	237	194884	102.963	ng	98
43) 2,4,6-Trichlorophenol	13.313	196	118670	46.324	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

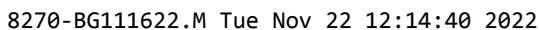
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

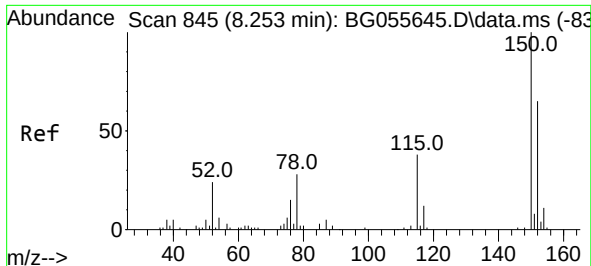
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.390	196	130488	46.352	ng	95
46) 1,1'-Biphenyl	13.707	154	387167	44.459	ng	99
47) 2-Chloronaphthalene	13.754	162	295699	43.686	ng	98
48) 2-Nitroaniline	13.948	65	99612	44.762	ng	96
49) Acenaphthylene	14.600	152	491416	44.088	ng	99
50) Dimethylphthalate	14.312	163	422871	44.390	ng	100
51) 2,6-Dinitrotoluene	14.436	165	90423	46.422	ng	97
52) Acenaphthene	14.935	154	361325m	49.600	ng	
53) 3-Nitroaniline	14.771	138	34586	16.175	ng	99
54) 2,4-Dinitrophenol	14.976	184	114737	102.451	ng	99
55) Dibenzofuran	15.270	168	492655	43.838	ng	100
56) 4-Nitrophenol	15.076	139	149686	89.194	ng	97
57) 2,4-Dinitrotoluene	15.223	165	129031	46.984	ng	96
58) Fluorene	15.910	166	391986	43.672	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.487	232	118616	43.484	ng	98
60) Diethylphthalate	15.664	149	421603	43.774	ng	99
61) 4-Chlorophenyl-phenyle...	15.899	204	222180	45.031	ng	97
62) 4-Nitroaniline	15.934	138	91065	40.742	ng	100
63) Azobenzene	16.192	77	432484	51.434	ng	98
65) 4,6-Dinitro-2-methylph...	15.987	198	77612	49.077	ng	96
66) n-Nitrosodiphenylamine	16.110	169	354748	45.451	ng	99
67) 4-Bromophenyl-phenylether	16.792	248	146173	45.298	ng	98
68) Hexachlorobenzene	16.915	284	161206	45.053	ng	99
69) Atrazine	17.050	200	144377	46.771	ng	98
70) Pentachlorophenol	17.262	266	191126	87.319	ng	98
71) Phenanthrene	17.655	178	648390	42.424	ng	100
72) Anthracene	17.744	178	662866	44.638	ng	100
73) Carbazole	18.008	167	579095	43.379	ng	99
74) Di-n-butylphthalate	18.543	149	688139	41.513	ng	99
75) Fluoranthene	19.653	202	741877	39.900	ng	100
77) Benzidine	19.818	184	282060	47.666	ng	99
78) Pyrene	20.011	202	750645	43.356	ng	99
80) Butylbenzylphthalate	20.875	149	301231	44.444	ng	100
81) Benzo(a)anthracene	21.886	228	753761	42.785	ng	100
82) 3,3'-Dichlorobenzidine	21.792	252	116332	18.792	ng	97
83) Chrysene	21.962	228	708156	42.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.762	149	436249	44.786	ng	99
85) Di-n-octyl phthalate	23.037	149	740444	44.419	ng	99
87) Indeno(1,2,3-cd)pyrene	29.254	276	903659	40.315	ng	# 94
88) Benzo(b)fluoranthene	24.230	252	785787	44.098	ng	99
89) Benzo(k)fluoranthene	24.306	252	779821	43.904	ng	100
90) Benzo(a)pyrene	25.158	252	701527	45.878	ng	99
91) Dibenzo(a,h)anthracene	29.318	278	771357	42.112	ng	100
92) Benzo(g,h,i)perylene	30.493	276	753047	40.791	ng	98

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

Manual Integrations APPROVED

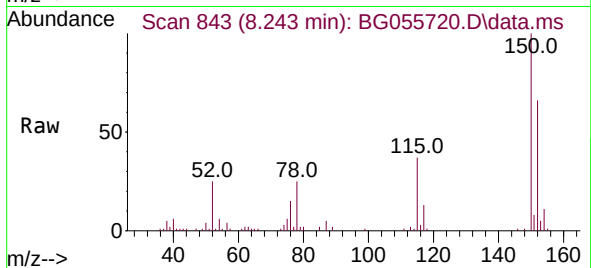
Quant Time: Nov 22 02:06:17 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

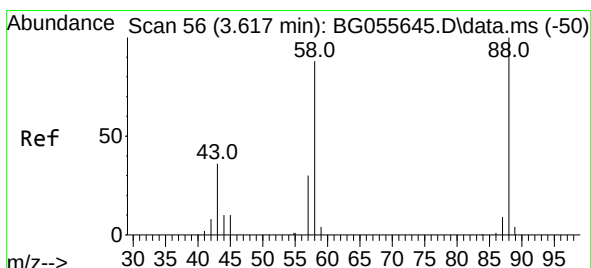
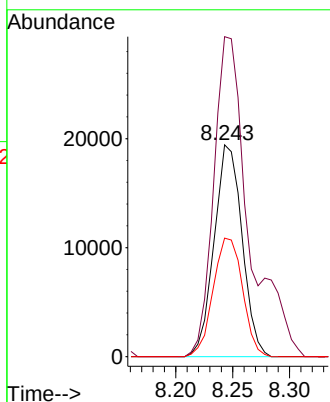
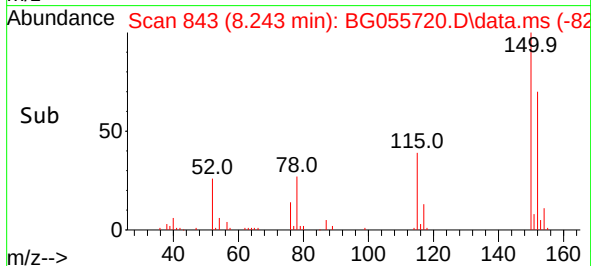
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:152 Resp: 33279
Ion Ratio Lower Upper
152 100
150 151.1 123.0 184.6
115 56.0 47.0 70.4

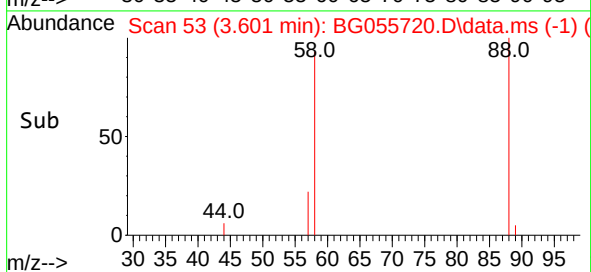
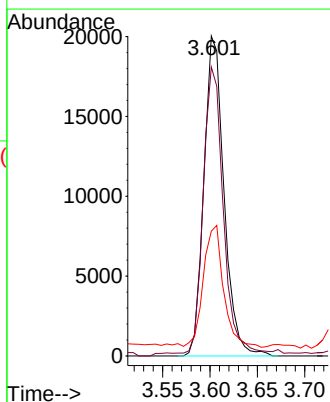
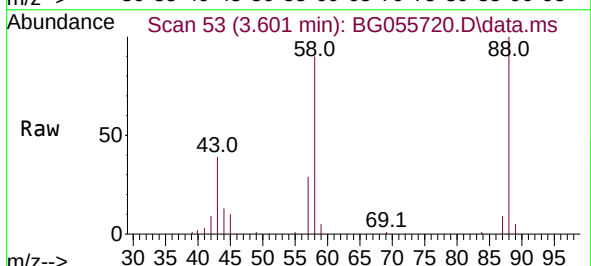
Manual Integrations
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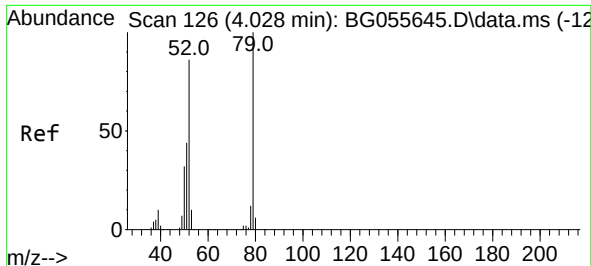
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#2
1,4-Dioxane
Concen: 37.638 ng
RT: 3.601 min Scan# 53
Delta R.T. -0.016 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

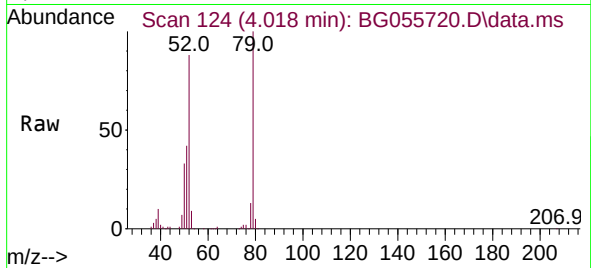
Tgt Ion: 88 Resp: 29614
Ion Ratio Lower Upper
88 100
58 89.8 71.3 106.9
43 38.4 28.6 43.0





#3
Pyridine
Concen: 34.942 ng
RT: 4.018 min Scan# 110
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

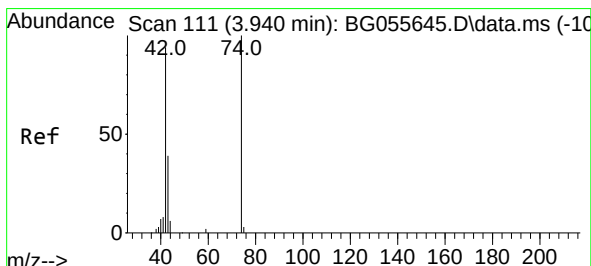
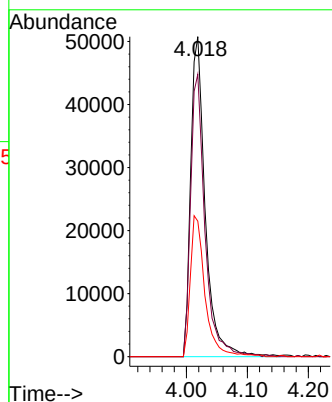
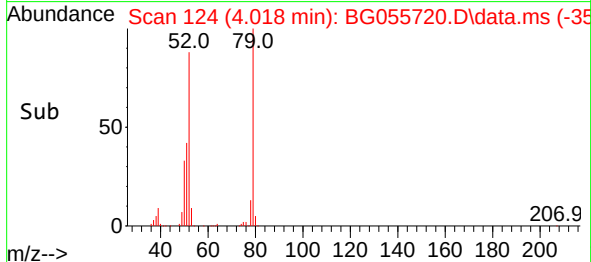
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



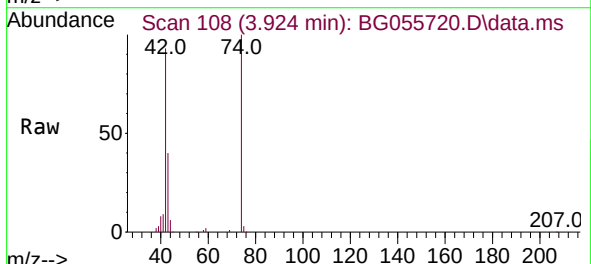
Tgt Ion: 79 Resp: 8434
Ion Ratio Lower Upper
79 100
52 88.2 68.9 103.3
51 42.3 34.8 52.2

Manual Integrations
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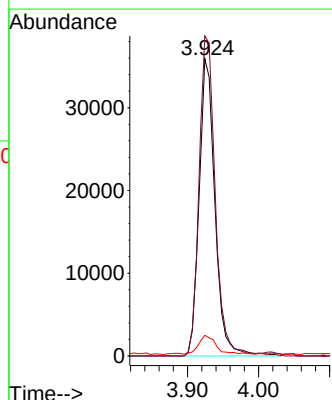
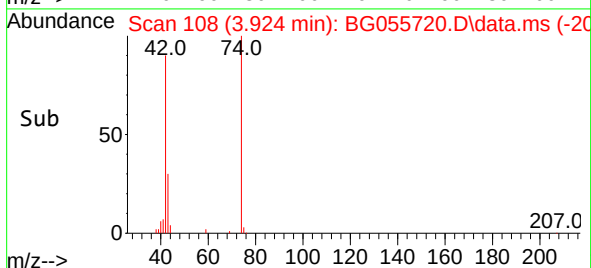
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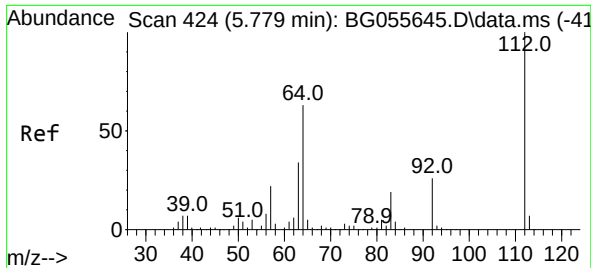


#4
n-Nitrosodimethylamine
Concen: 43.353 ng
RT: 3.924 min Scan# 108
Delta R.T. -0.016 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



Tgt Ion: 42 Resp: 55403
Ion Ratio Lower Upper
42 100
74 107.7 84.7 127.1
44 6.9 5.4 8.0





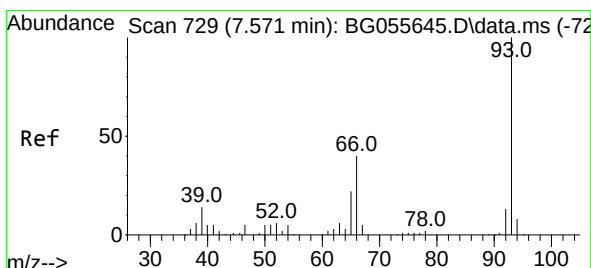
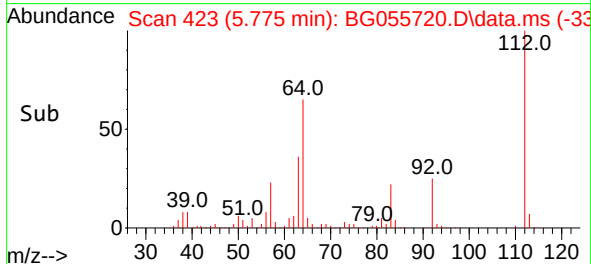
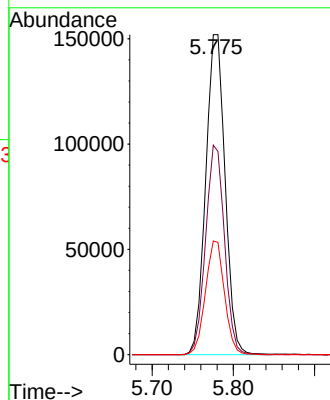
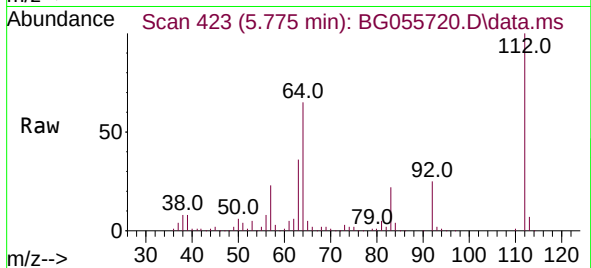
2-Fluorophenol
Concen: 136.876 ng
RT: 5.775 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:112 Resp: 252008
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 35.5 27.5 41.3

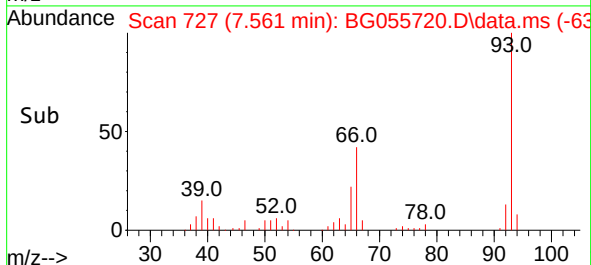
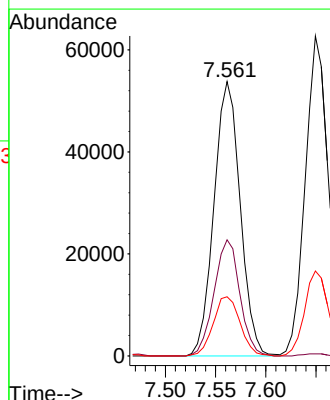
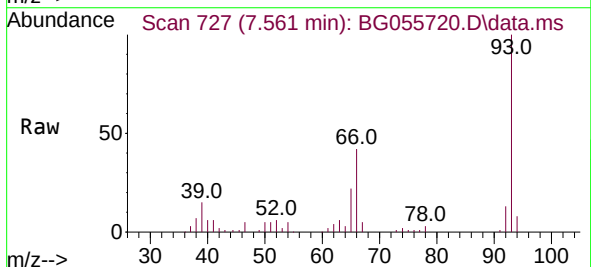
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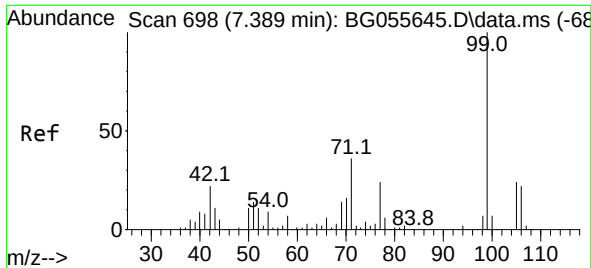
Reviewed By :Christian Giraldo 11/22/2022
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Aniline
Concen: 31.780 ng
RT: 7.561 min Scan# 727
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion: 93 Resp: 97831
Ion Ratio Lower Upper
93 100
66 42.3 31.7 47.5
65 21.5 17.9 26.9





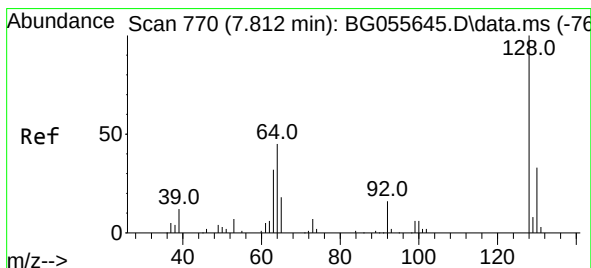
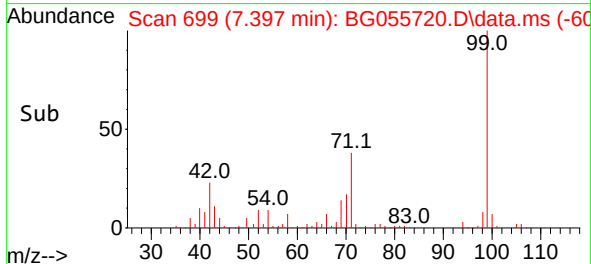
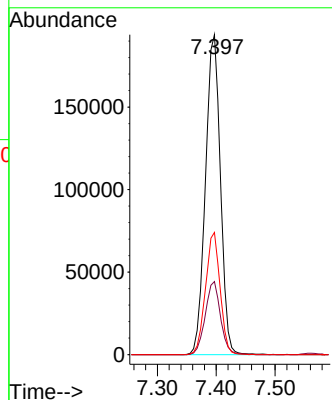
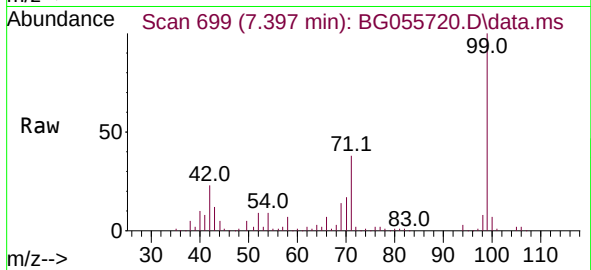
#7
Phenol-d6
Concen: 139.705 ng
RT: 7.397 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

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Tgt Ion: 99 Resp: 342398
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 38.2 29.0 43.6

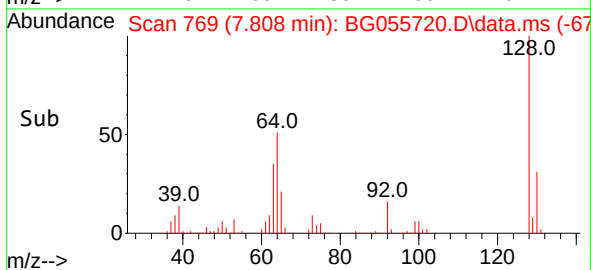
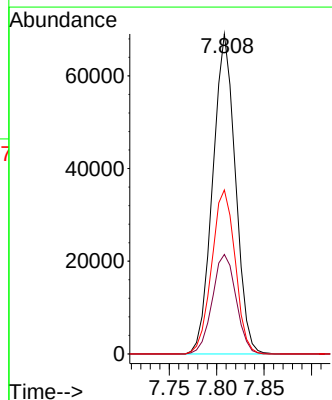
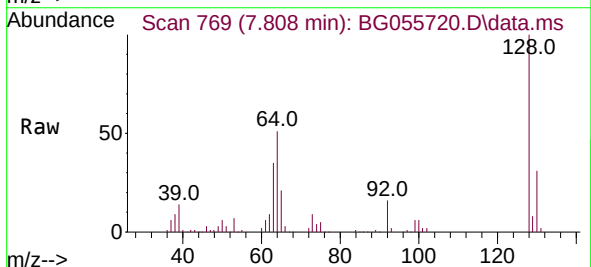
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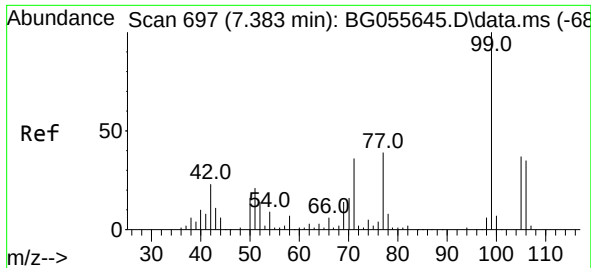
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#8
2-Chlorophenol
Concen: 54.498 ng
RT: 7.808 min Scan# 769
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:128 Resp: 114705
Ion Ratio Lower Upper
128 100
130 31.1 13.1 53.1
64 51.2 30.2 70.2





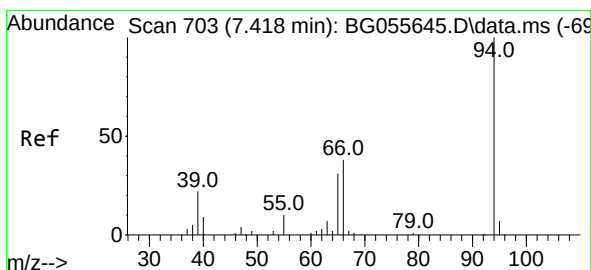
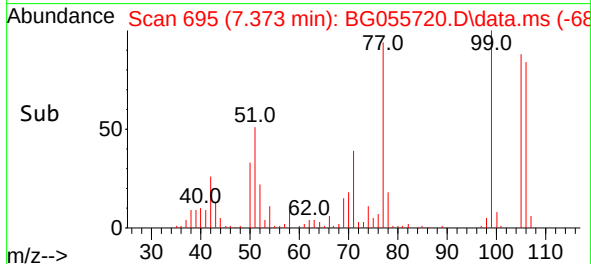
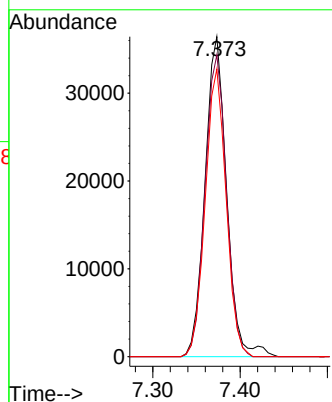
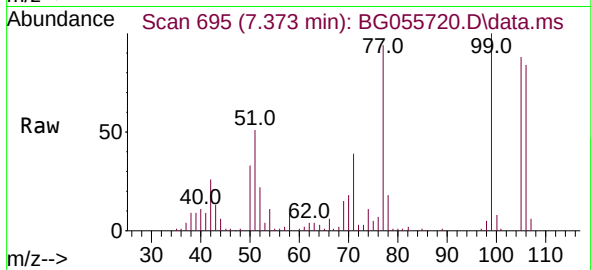
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Benzaldehyde
Concen: 37.644 ng m
RT: 7.373 min Scan# 697
Delta R.T. -0.010 min
Lab File: BG055720.D
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Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 62656
Ion Ratio Lower Upper
77 100
105 94.3 76.3 116.3
106 89.9 69.8 109.8

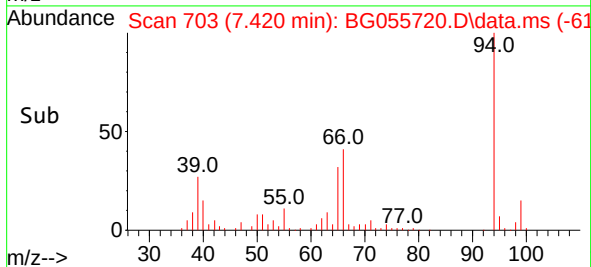
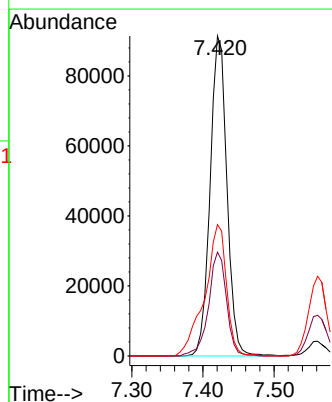
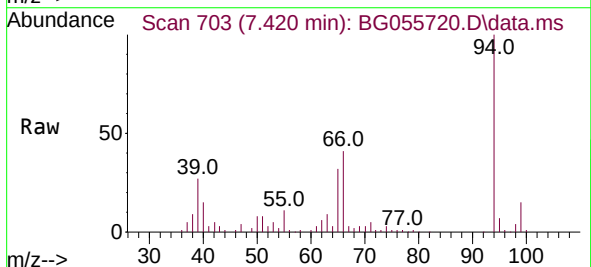
Manual Integrations
APPROVED

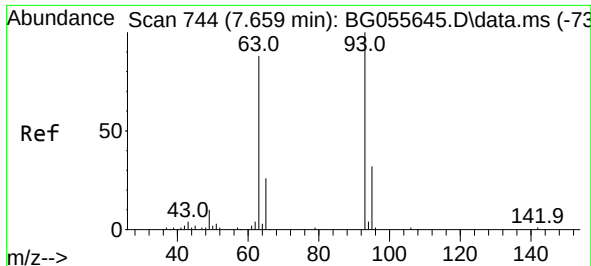
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#10
Phenol
Concen: 54.831 ng
RT: 7.420 min Scan# 703
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion: 94 Resp: 150467
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 41.0 20.5 60.5





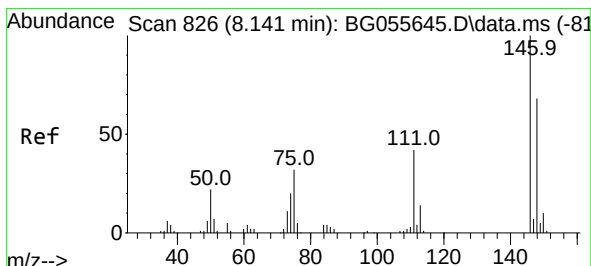
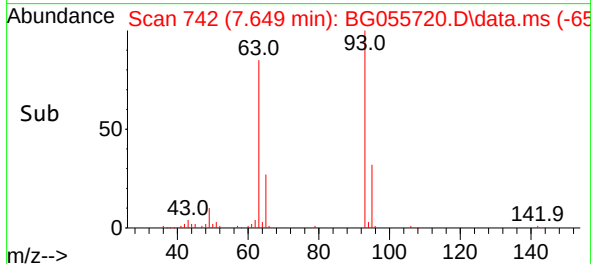
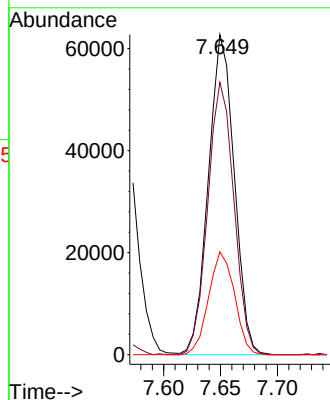
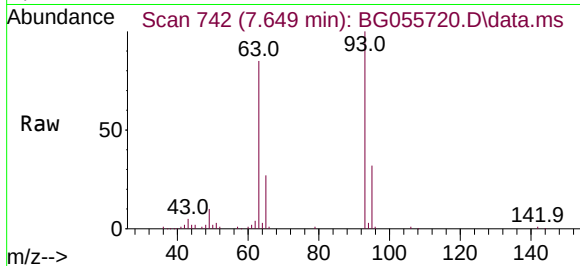
#11
bis(2-Chloroethyl)ether
Concen: 47.241 ng
RT: 7.649 min Scan# 744
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Instrument : BNA_G
ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion: 93 Resp: 99350
Ion Ratio Lower Upper
93 100
63 85.1 67.6 107.6
95 32.1 11.8 51.8

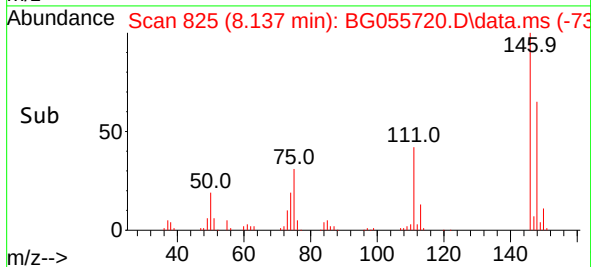
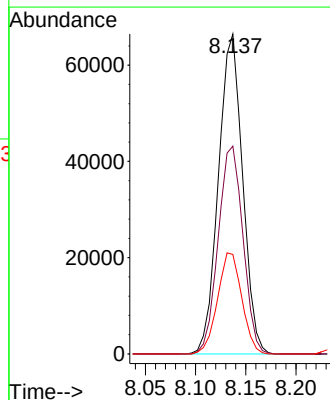
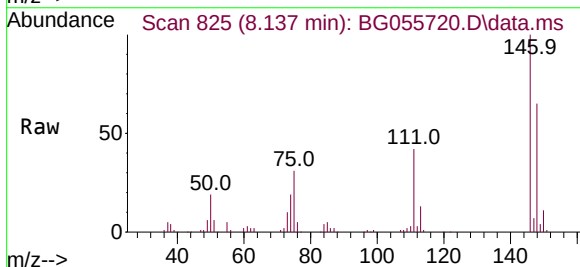
Manual Integrations
APPROVED

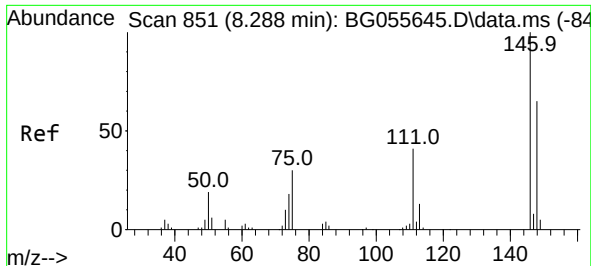
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#12
1,3-Dichlorobenzene
Concen: 45.006 ng
RT: 8.137 min Scan# 825
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:146 Resp: 111372
Ion Ratio Lower Upper
146 100
148 64.9 54.6 81.8
75 31.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.517 ng

RT: 8.284 min Scan# 851

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:146 Resp: 113820

Ion Ratio Lower Upper

146 100

148 66.1 52.1 78.1

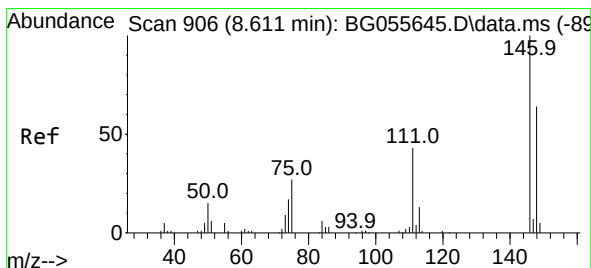
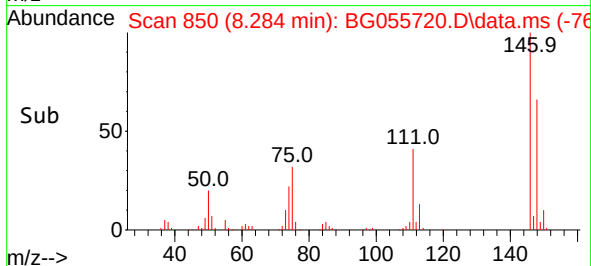
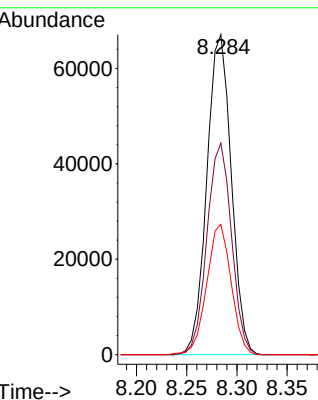
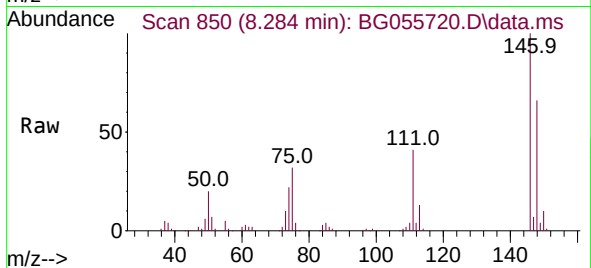
111 40.7 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#14

1,2-Dichlorobenzene

Concen: 46.591 ng

RT: 8.607 min Scan# 905

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

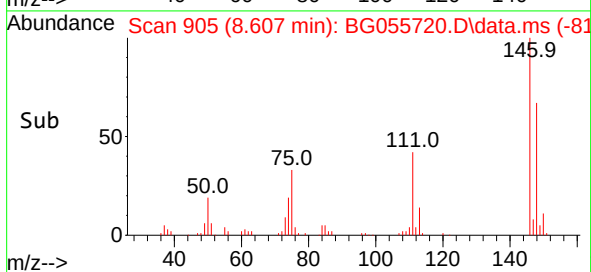
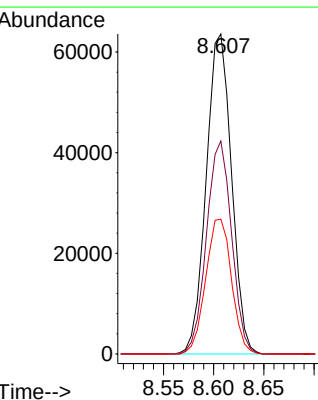
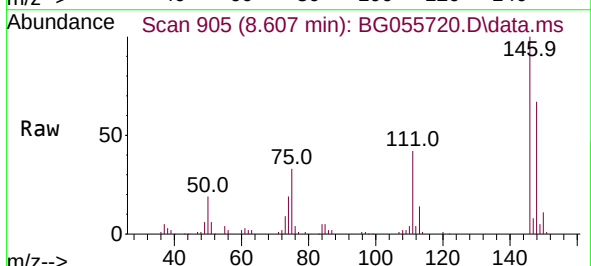
Tgt Ion:146 Resp: 111643

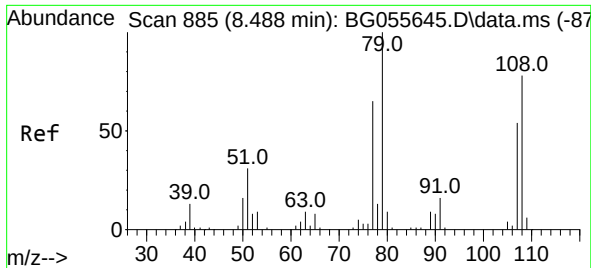
Ion Ratio Lower Upper

146 100

148 66.5 50.9 76.3

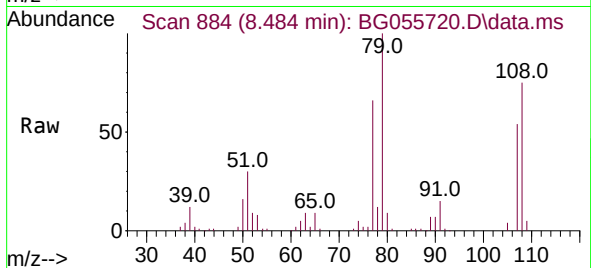
111 42.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 54.370 ng m
RT: 8.484 min Scan# 885
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

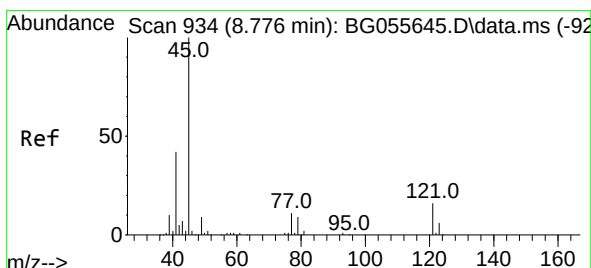
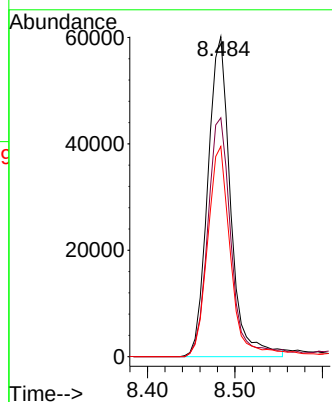
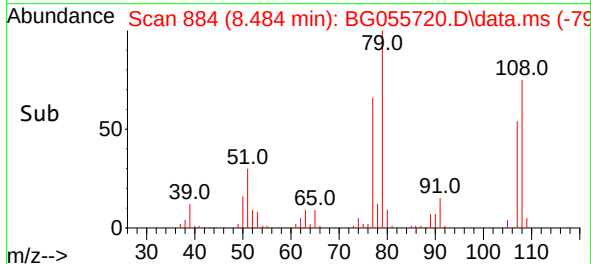
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion: 79 Resp: 108297
Ion Ratio Lower Upper
79 100
108 74.6 62.6 93.8
77 65.7 52.4 78.6

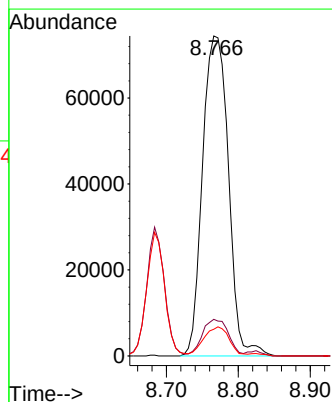
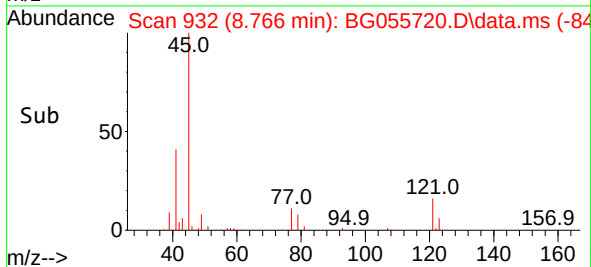
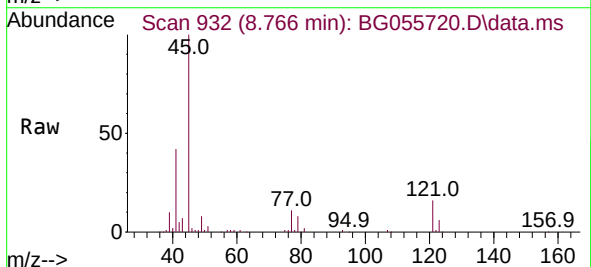
Manual Integrations
APPROVED

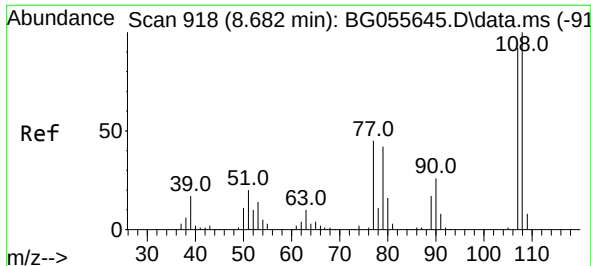
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.925 ng m
RT: 8.766 min Scan# 932
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion: 45 Resp: 186261
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.7
79 8.3 0.0 29.5





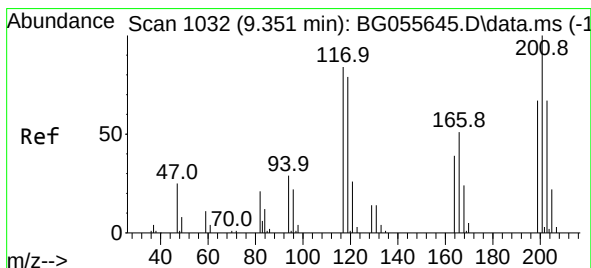
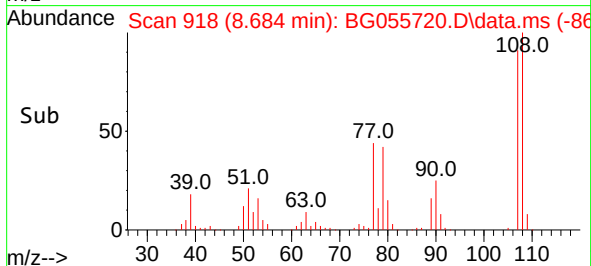
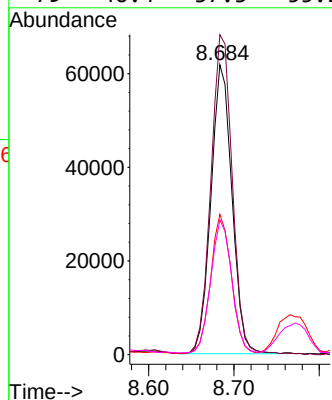
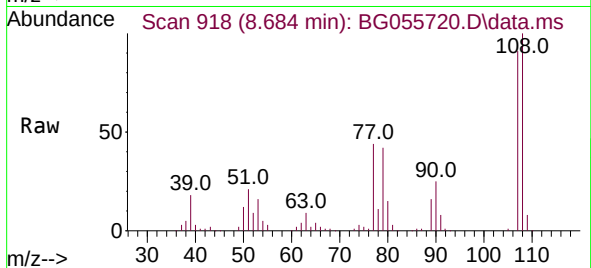
#17
2-Methylphenol
Concen: 54.177 ng
RT: 8.684 min Scan# 918
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:107 Resp: 105552
Ion Ratio Lower Upper
107 100
108 110.4 87.3 130.9
77 48.4 39.4 59.0
79 46.4 37.3 55.9

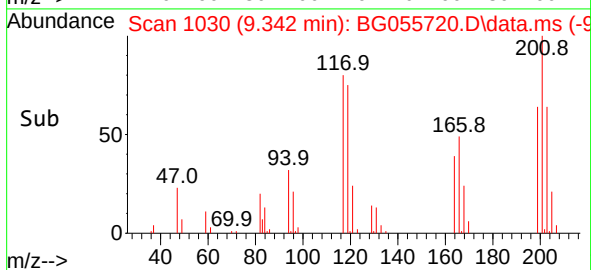
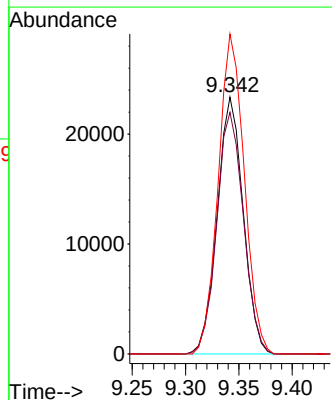
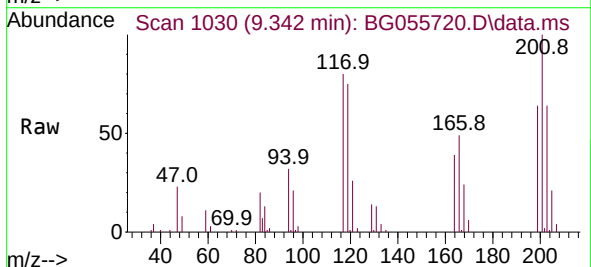
Manual Integrations
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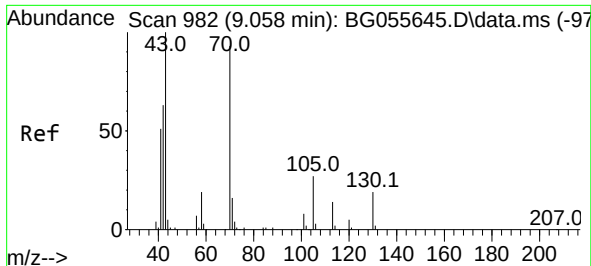
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#18
Hexachloroethane
Concen: 46.123 ng
RT: 9.342 min Scan# 1030
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

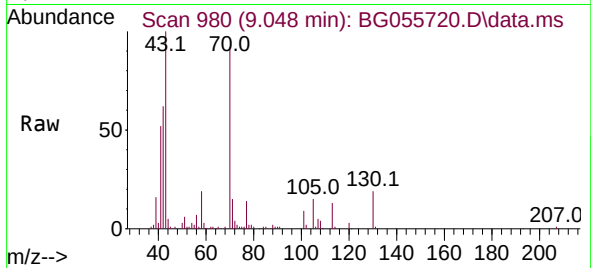
Tgt Ion:117 Resp: 39696
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0
201 124.6 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.913 ng
RT: 9.048 min Scan# 982
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

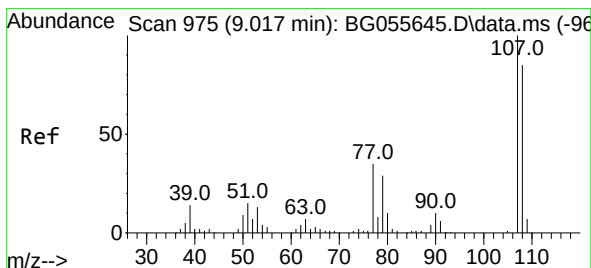
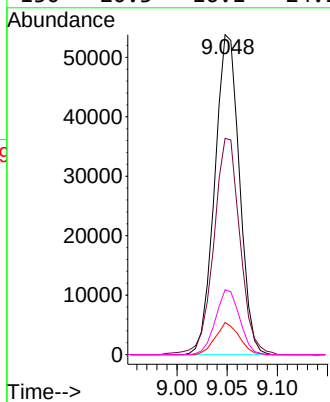
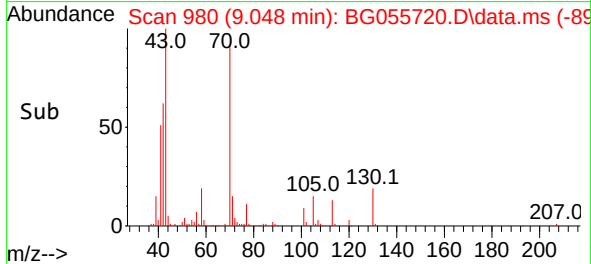
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion: 70 Resp: 9210
Ion Ratio Lower Upper
70 100
42 67.6 55.2 82.8
101 10.0 7.1 10.7
130 20.3 16.1 24.1

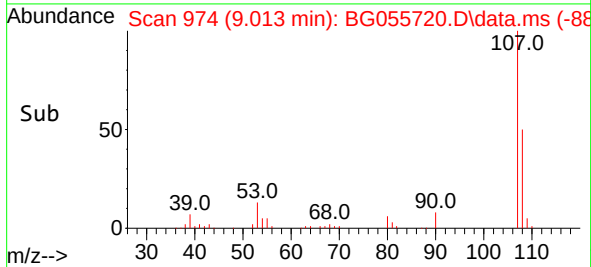
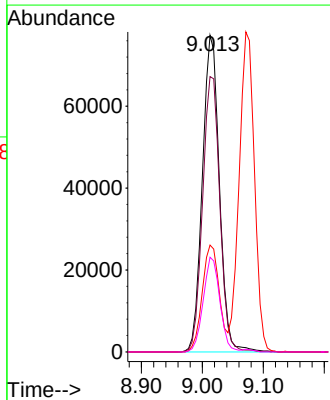
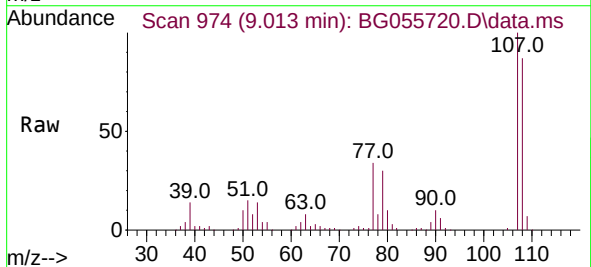
Manual Integrations
APPROVED

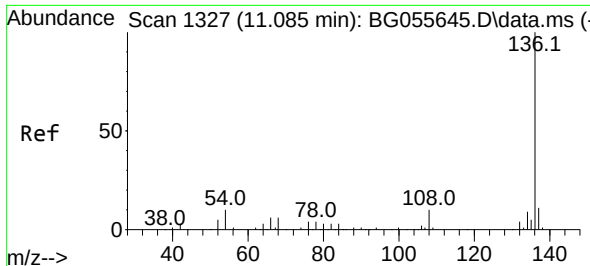
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#20
3+4-Methylphenols
Concen: 54.979 ng
RT: 9.013 min Scan# 974
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

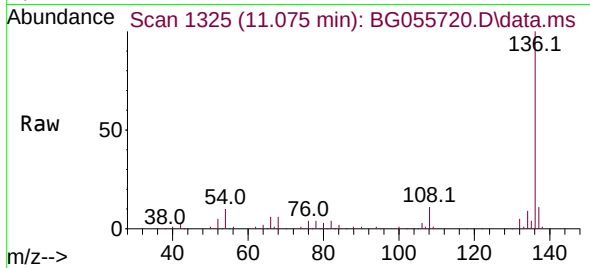
Tgt Ion:107 Resp: 149631
Ion Ratio Lower Upper
107 100
108 87.0 65.5 105.5
77 33.7 14.6 54.6
79 29.9 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1327
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

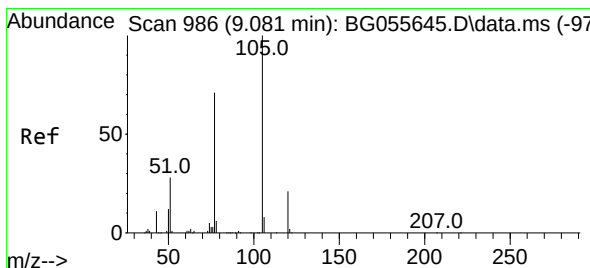
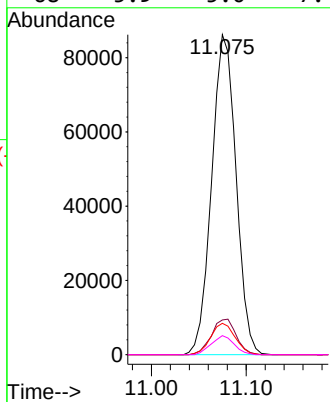
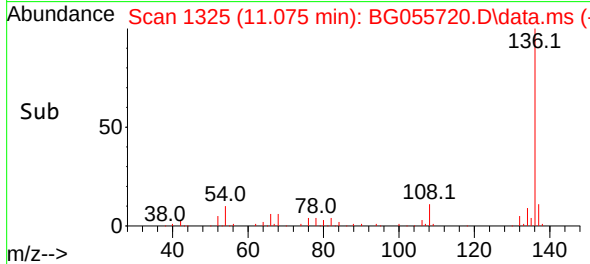
Instrument : BNA_G
ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:	136	Resp:	153902
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	9.8	7.8	11.6
68	5.9	5.0	7.4

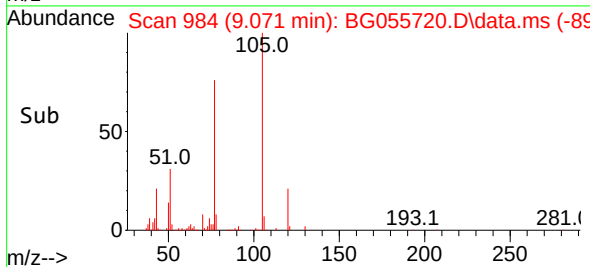
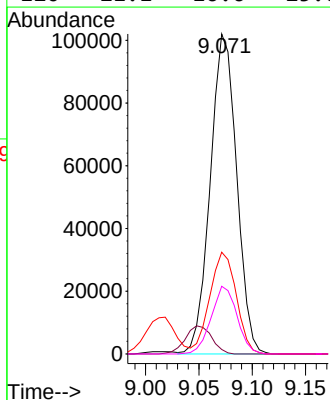
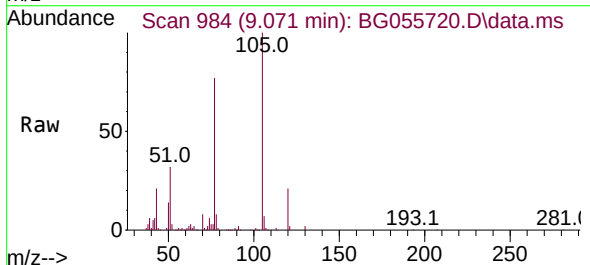
Manual Integrations
APPROVED

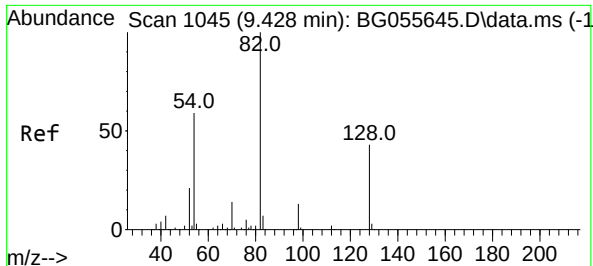
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#22
Acetophenone
Concen: 43.973 ng
RT: 9.071 min Scan# 984
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:	105	Resp:	175853
Ion Ratio	Lower	Upper	
105	100		
71	1.4	0.6	1.0#
51	31.8	24.5	36.7
120	21.1	16.6	25.0





#23

Nitrobenzene-d5

Concen: 70.937 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD

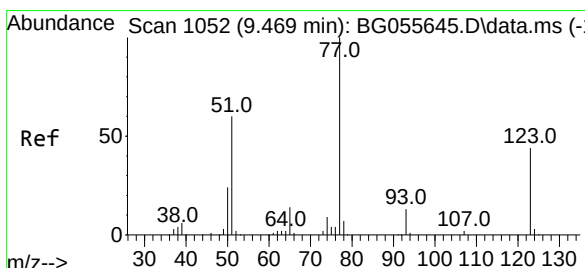
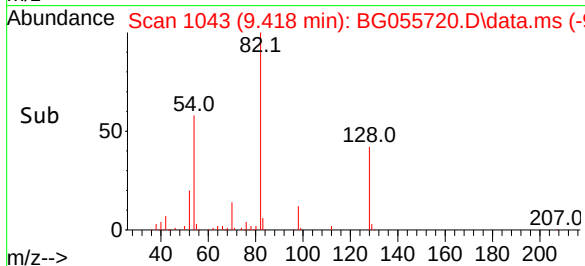
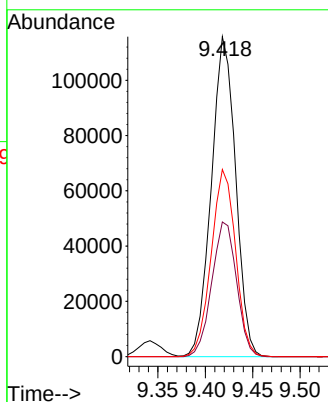
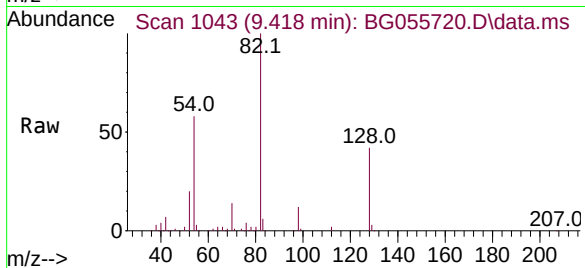
Tgt Ion: 82 Resp: 206553
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.1 51.1
 54 58.5 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#24

Nitrobenzene

Concen: 43.361 ng

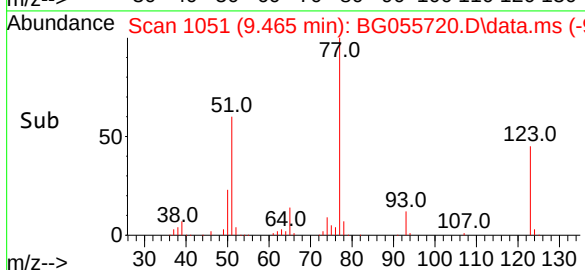
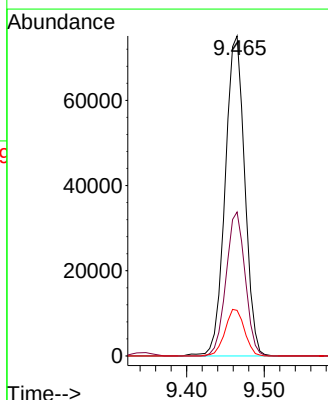
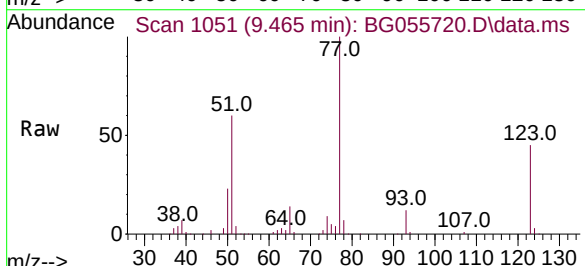
RT: 9.465 min Scan# 1051

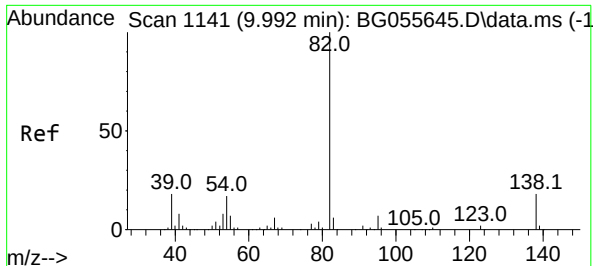
Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

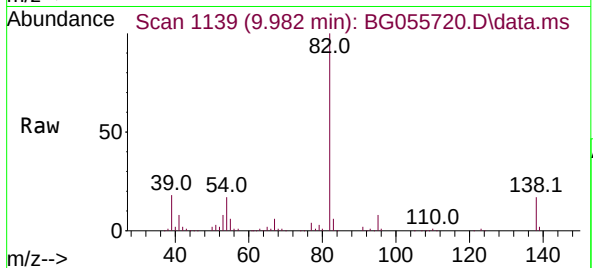
Tgt Ion: 77 Resp: 131881
 Ion Ratio Lower Upper
 77 100
 123 45.0 35.5 53.3
 65 14.2 11.5 17.3





#25
Isophorone
Concen: 47.885 ng
RT: 9.982 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

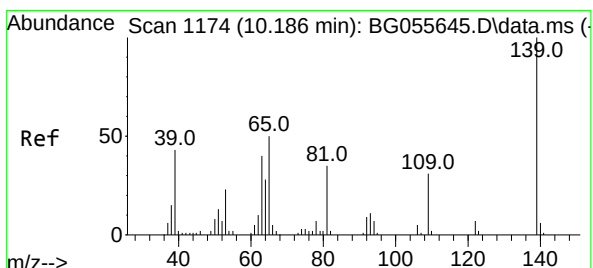
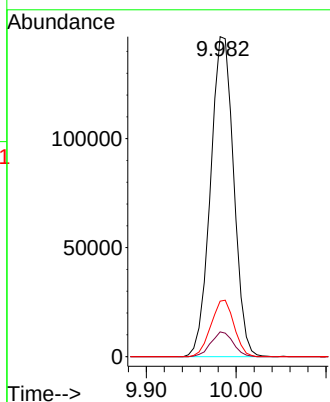
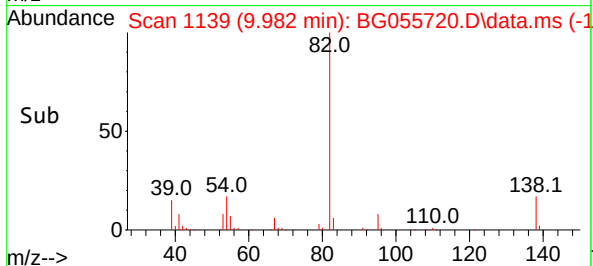
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion: 82 Resp: 264186
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 17.3 14.2 21.4

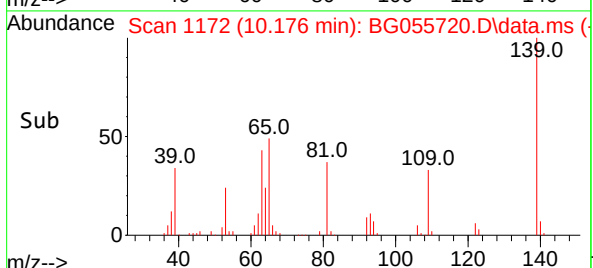
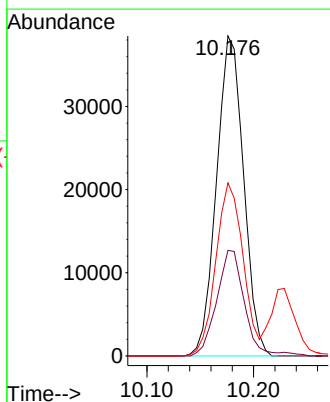
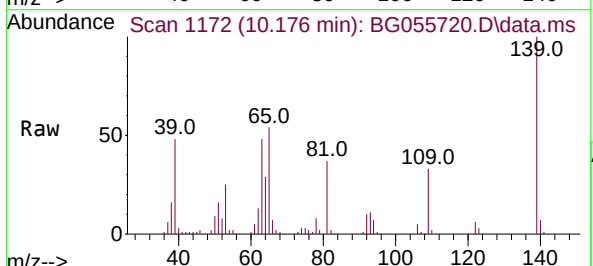
Manual Integrations
APPROVED

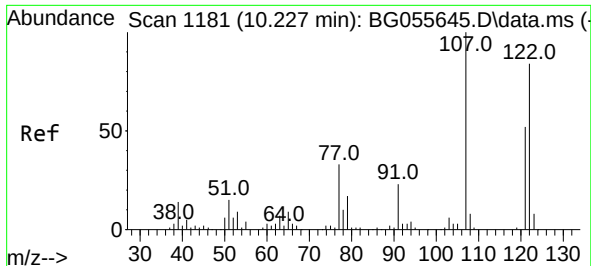
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#26
2-Nitrophenol
Concen: 48.376 ng
RT: 10.176 min Scan# 1172
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:139 Resp: 67922
Ion Ratio Lower Upper
139 100
109 33.0 24.4 36.6
65 54.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 57.905 ng m

RT: 10.229 min Scan# 1181

Delta R.T. 0.002 min

Lab File: BG055720.D

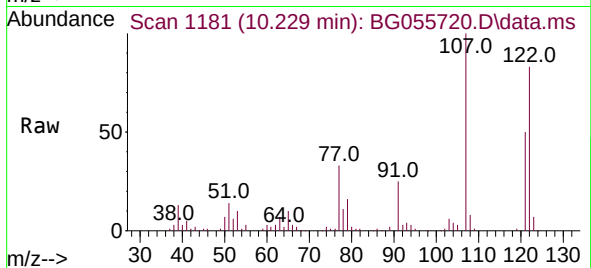
Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:122 Resp: 123735

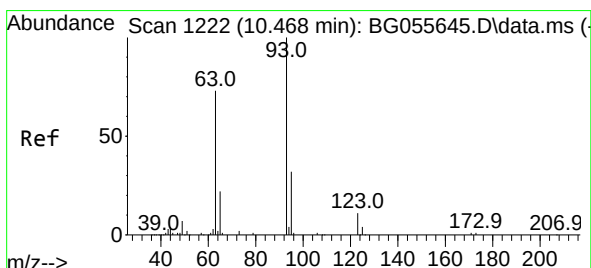
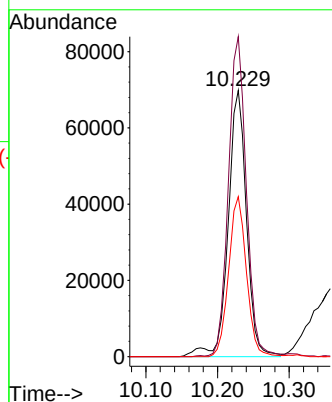
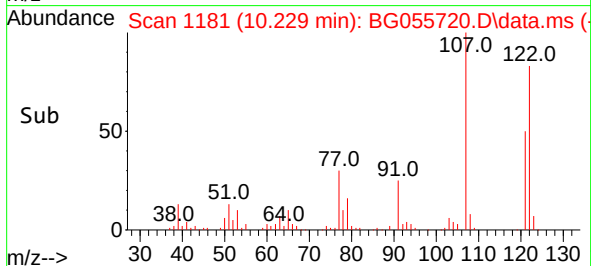
Ion	Ratio	Lower	Upper
122	100		
107	120.3	95.8	143.6
121	60.1	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.489 ng

RT: 10.464 min Scan# 1221

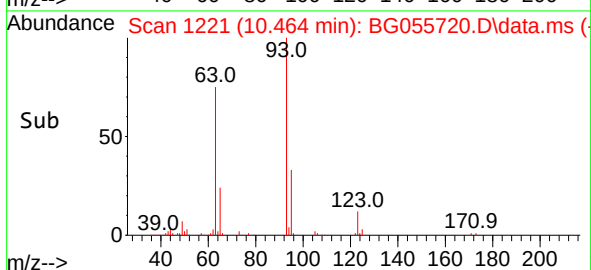
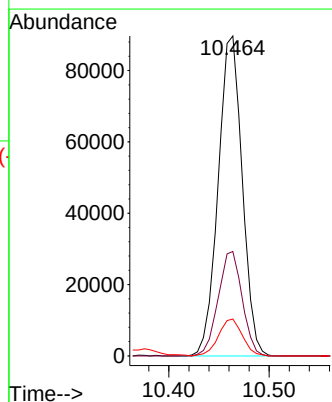
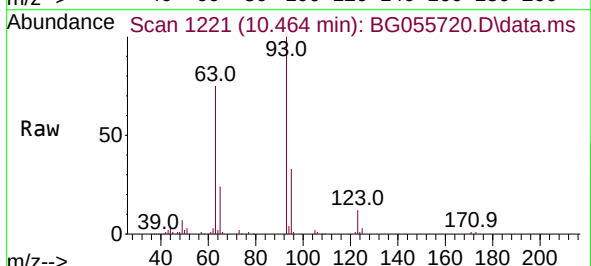
Delta R.T. -0.004 min

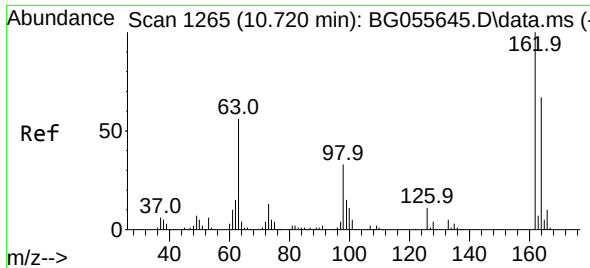
Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Tgt Ion: 93 Resp: 149540

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	11.5	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 50.840 ng

RT: 10.716 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055720.D

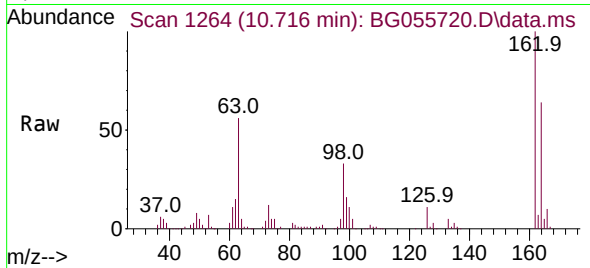
Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD



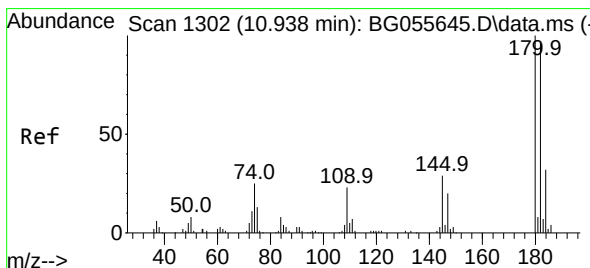
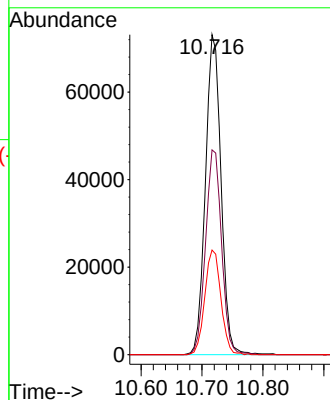
Tgt Ion:162	Resp:	130032
Ion Ratio	Lower	Upper
162	100	
164	64.0	46.7 86.7
98	32.7	12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.014 ng

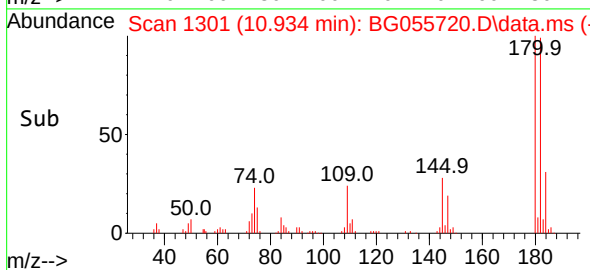
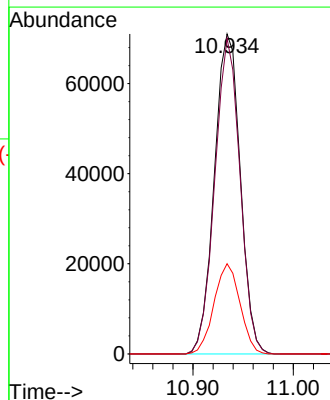
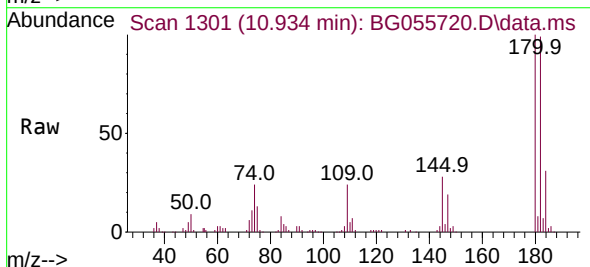
RT: 10.934 min Scan# 1301

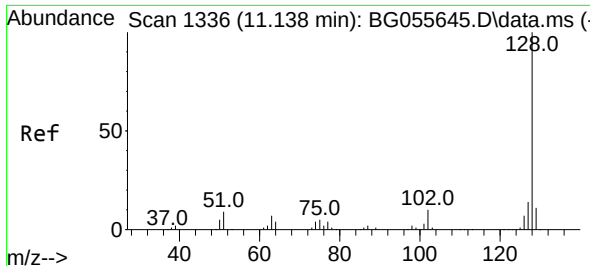
Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

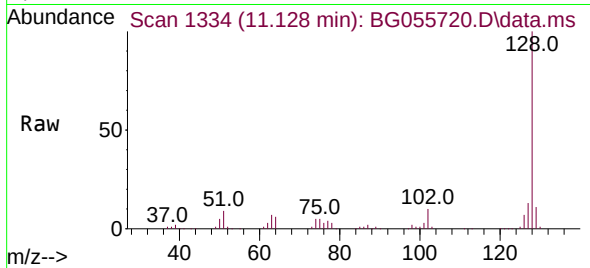
Tgt Ion:180	Resp:	127812
Ion Ratio	Lower	Upper
180	100	
182	98.6	77.1 115.7
145	28.2	22.9 34.3





#31
Naphthalene
Concen: 42.513 ng
RT: 11.128 min Scan# 1336
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

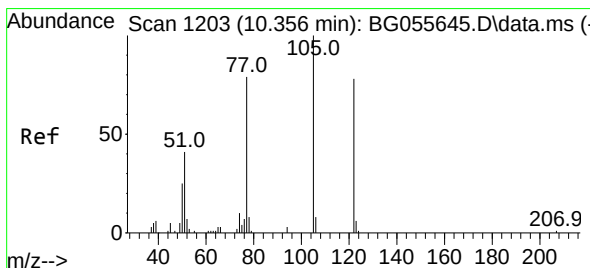
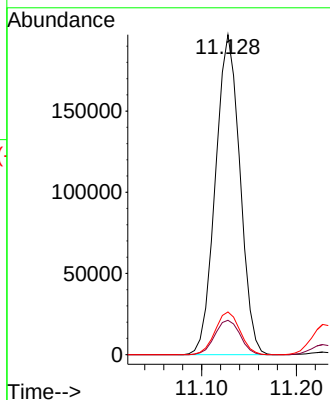
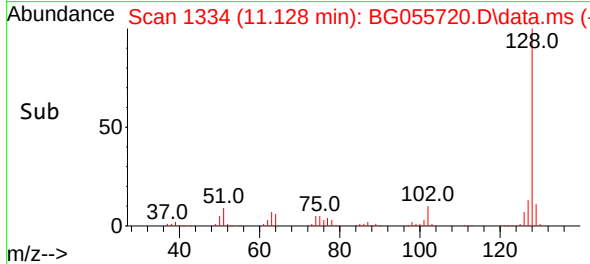
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:128 Resp: 353696
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.9 16.3

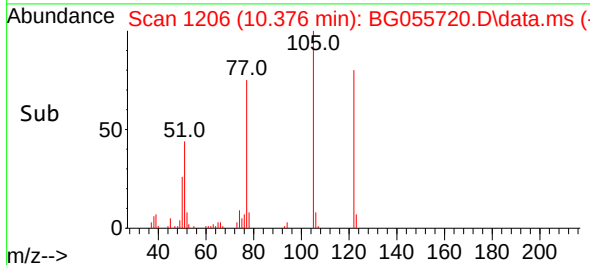
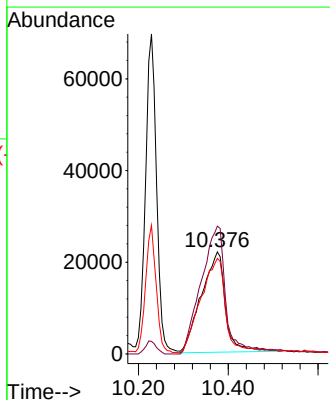
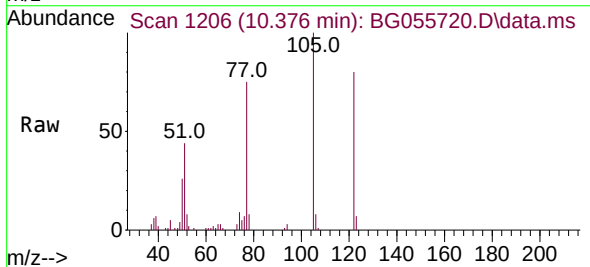
Manual Integrations
APPROVED

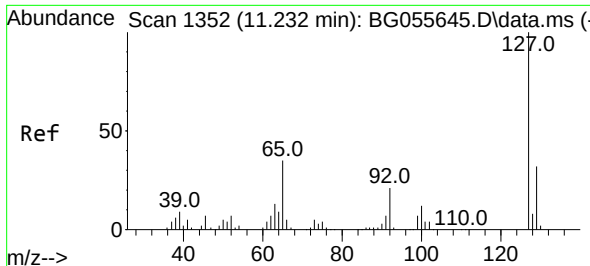
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#32
Benzoic acid
Concen: 46.422 ng
RT: 10.376 min Scan# 1206
Delta R.T. 0.020 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

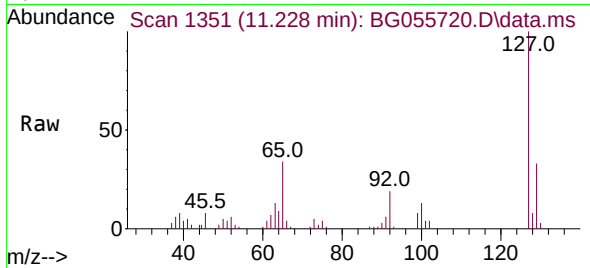
Tgt Ion:122 Resp: 81613
Ion Ratio Lower Upper
122 100
105 125.3 104.3 144.3
77 93.5 79.9 119.9





#33
4-Chloroaniline
Concen: 10.910 ng
RT: 11.228 min Scan# 1351
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

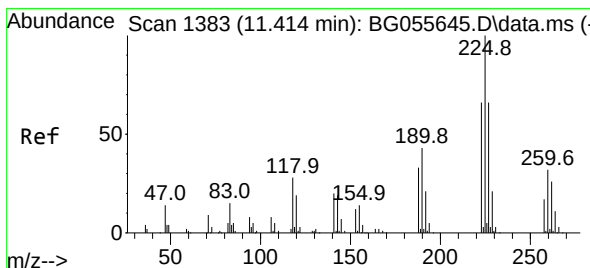
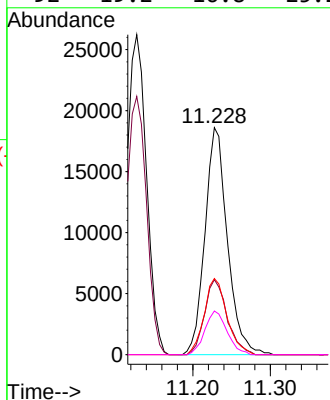
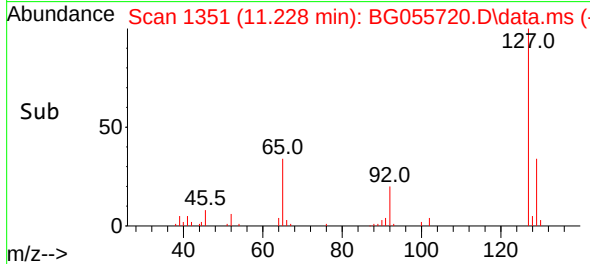
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:	127	Resp:	3744
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.9	38.9
65	33.5	27.9	41.9
92	19.2	16.8	25.2

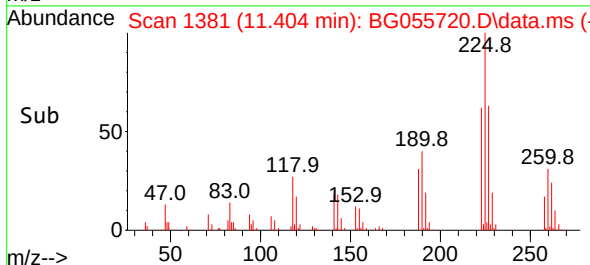
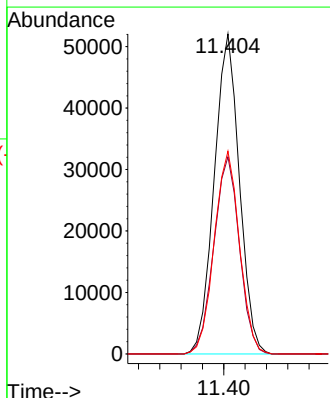
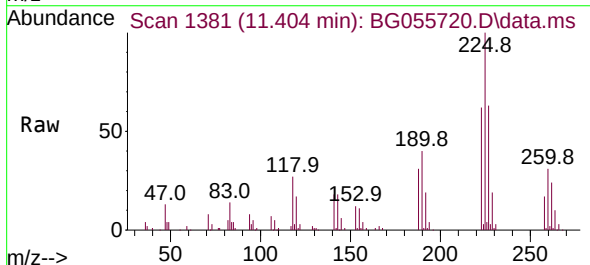
Manual Integrations
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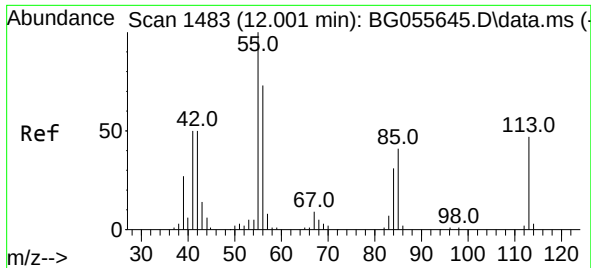
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#34
Hexachlorobutadiene
Concen: 42.049 ng
RT: 11.404 min Scan# 1381
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

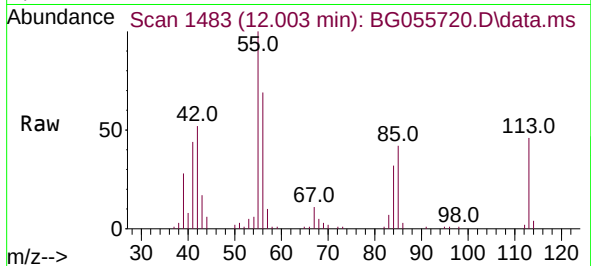
Tgt Ion:	225	Resp:	85317
Ion Ratio	Lower	Upper	
225	100		
223	61.6	52.9	79.3
227	63.3	52.6	79.0





#35
 Caprolactam
 Concen: 50.464 ng m
 RT: 12.003 min Scan# 14
 Delta R.T. 0.002 min
 Lab File: BG055720.D
 Acq: 21 Nov 2022 18:23

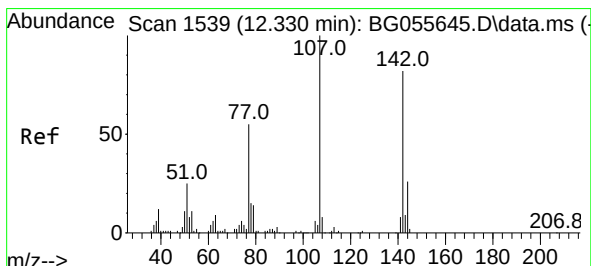
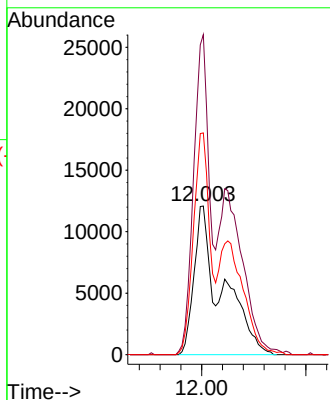
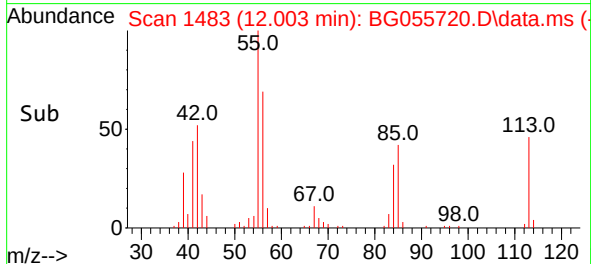
Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-1MSD



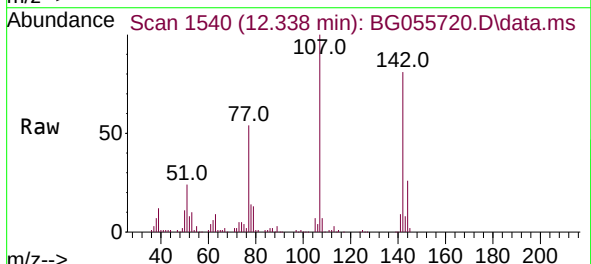
Tgt Ion:113 Resp: 4466
 Ion Ratio Lower Upper
 113 100
 55 215.4 193.5 233.5
 56 149.2 135.2 175.2

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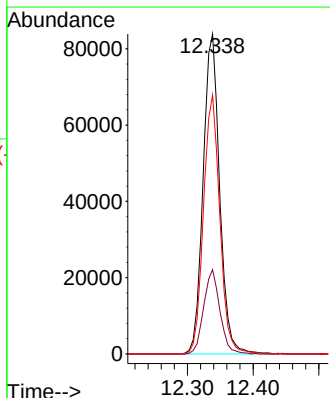
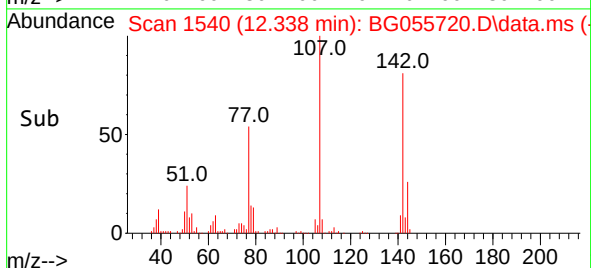
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

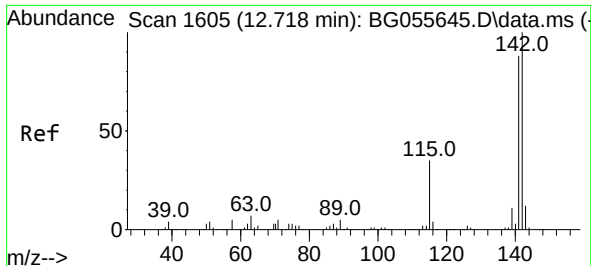


#36
 4-Chloro-3-methylphenol
 Concen: 51.975 ng
 RT: 12.338 min Scan# 1540
 Delta R.T. 0.008 min
 Lab File: BG055720.D
 Acq: 21 Nov 2022 18:23



Tgt Ion:107 Resp: 146107
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.4
 142 80.9 65.9 98.9





#37

2-Methylnaphthalene

Concen: 44.360 ng

RT: 12.714 min Scan# 1604

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:142 Resp: 276336

Ion Ratio Lower Upper

142 100

141 89.4 70.3 105.5

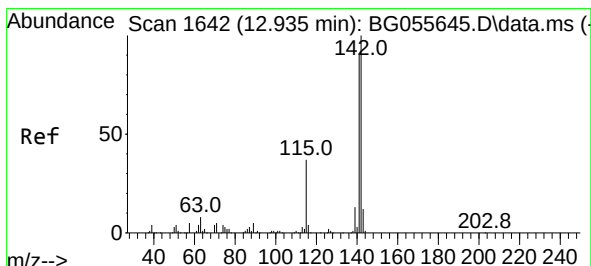
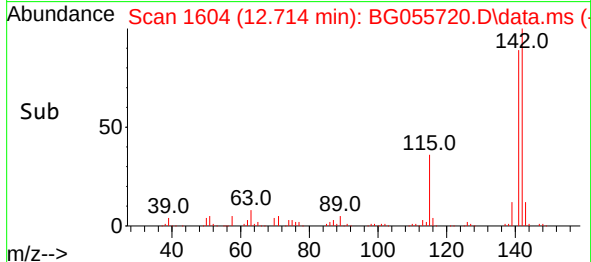
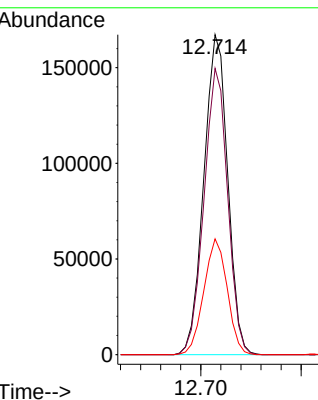
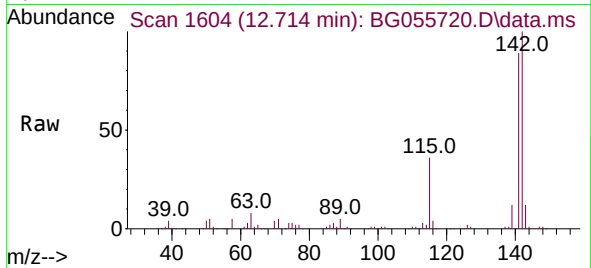
115 36.2 27.9 41.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#38

1-Methylnaphthalene

Concen: 43.443 ng

RT: 12.932 min Scan# 1641

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

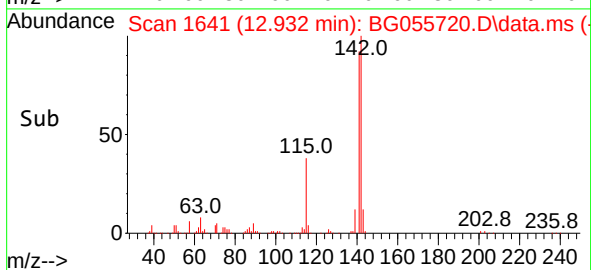
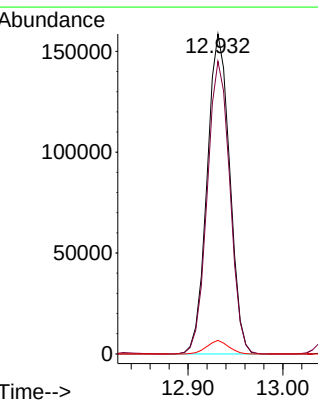
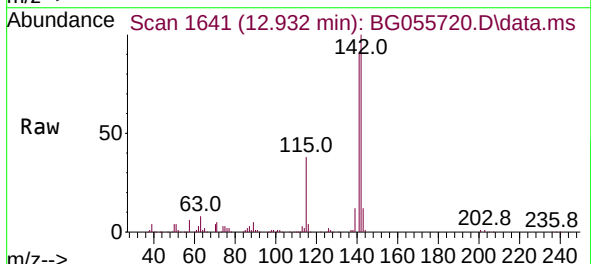
Tgt Ion:142 Resp: 262717

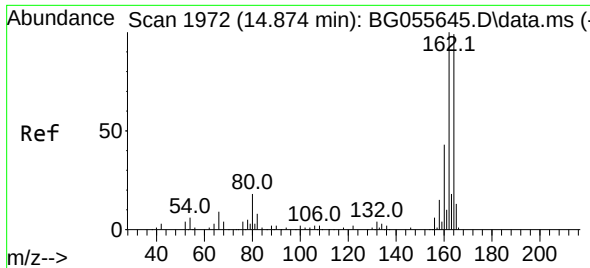
Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

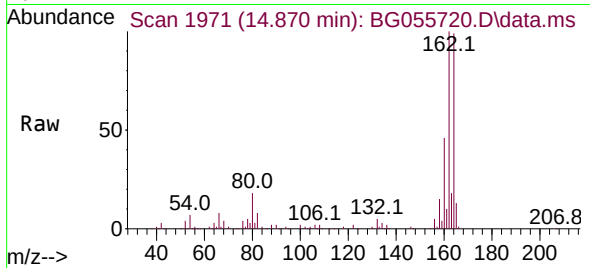
116 4.3 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

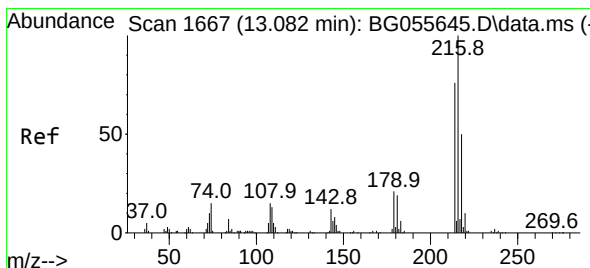
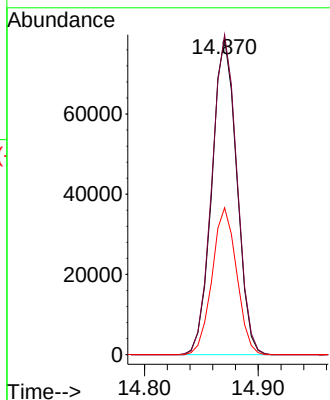
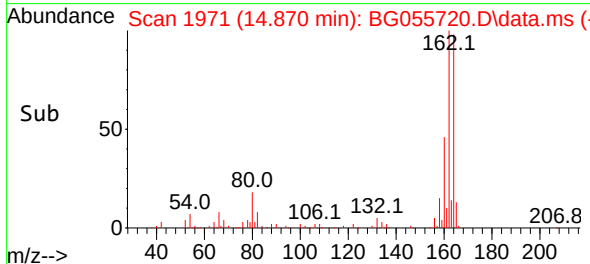
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:164 Resp: 119503
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 46.4 34.8 52.2

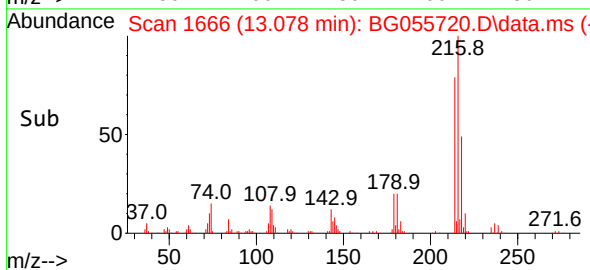
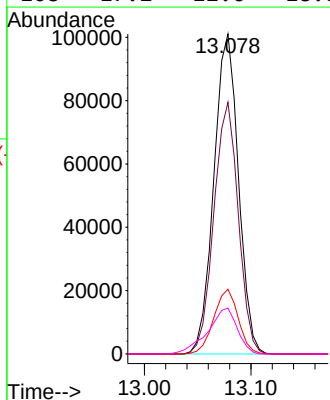
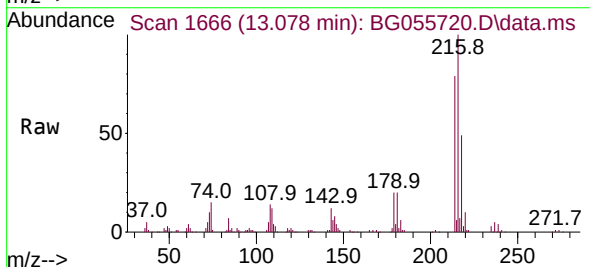
Manual Integrations
APPROVED

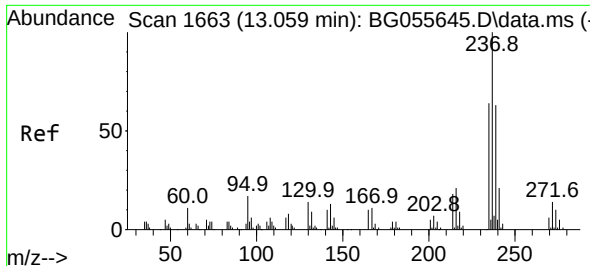
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.144 ng
RT: 13.078 min Scan# 1666
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

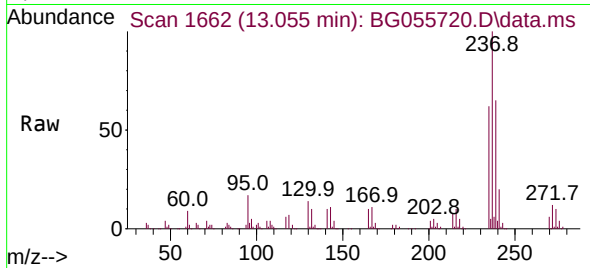
Tgt Ion:216 Resp: 162025
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 20.1 16.5 24.7
108 17.2 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 102.963 ng
RT: 13.055 min Scan# 1663
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

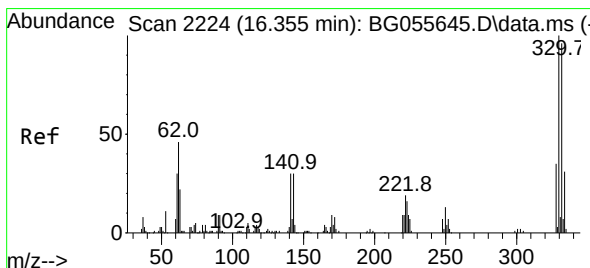
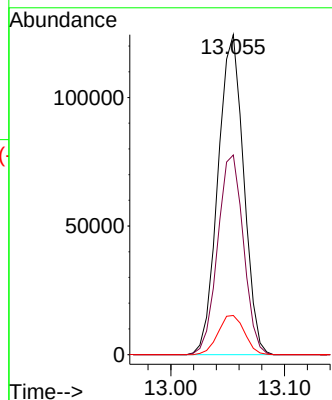
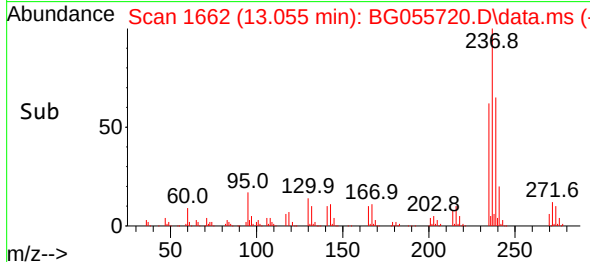
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:237 Resp: 194884
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 12.2 0.0 33.6

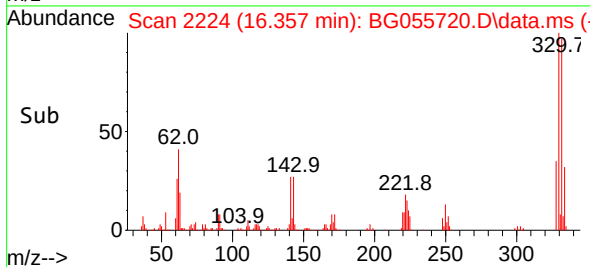
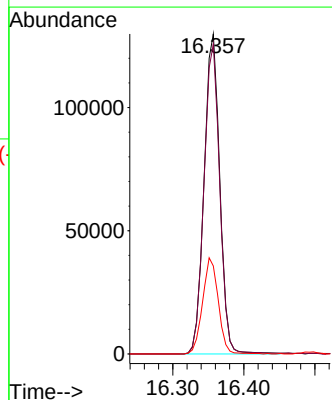
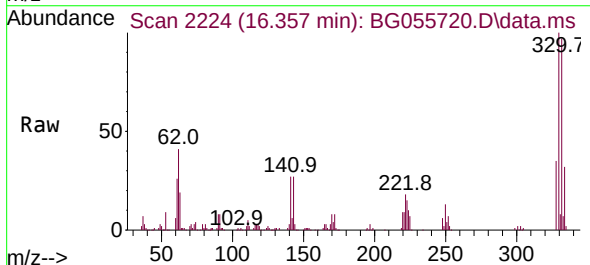
Manual Integrations
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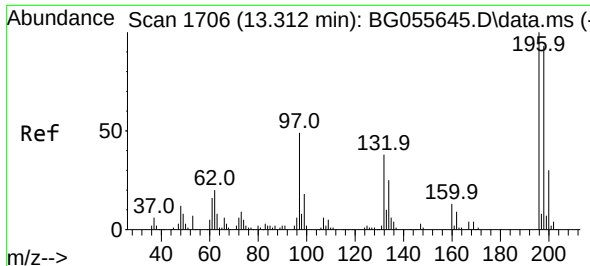
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#42
2,4,6-Tribromophenol
Concen: 117.642 ng
RT: 16.357 min Scan# 2224
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

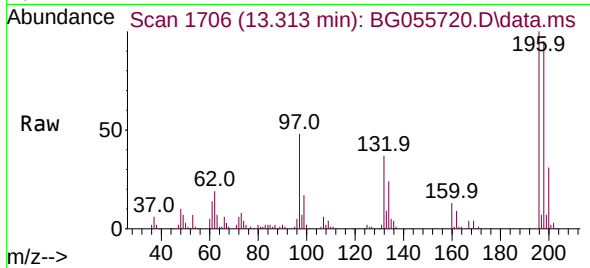
Tgt Ion:330 Resp: 197963
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 30.0 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 46.324 ng
RT: 13.313 min Scan# 1718
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

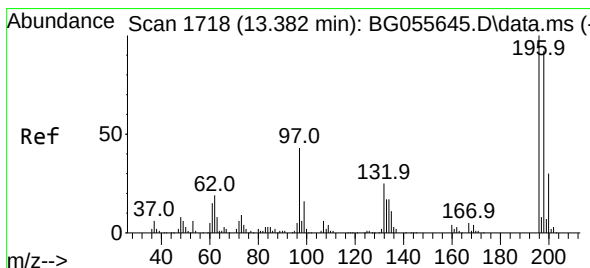
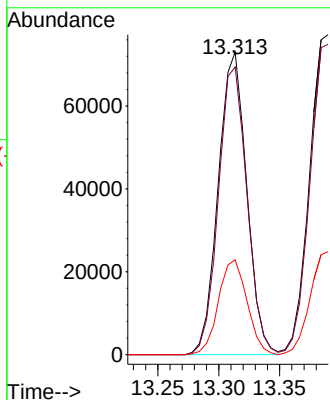
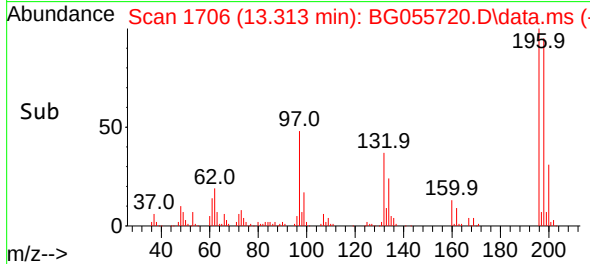
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



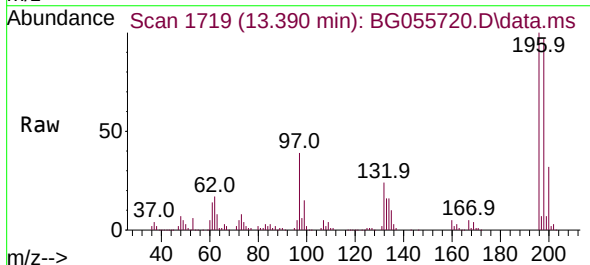
Tgt Ion:196 Resp: 118670
Ion Ratio Lower Upper
196 100
198 95.0 74.6 112.0
200 31.3 23.7 35.5

Manual Integrations
APPROVED

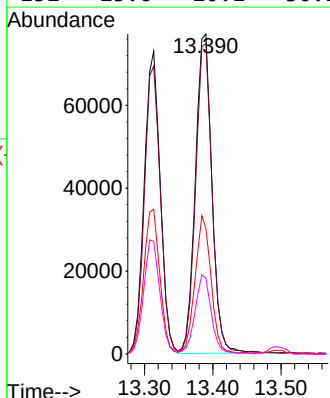
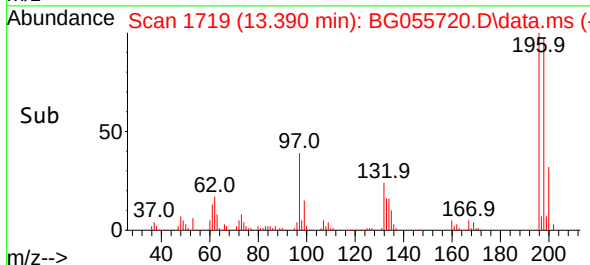
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

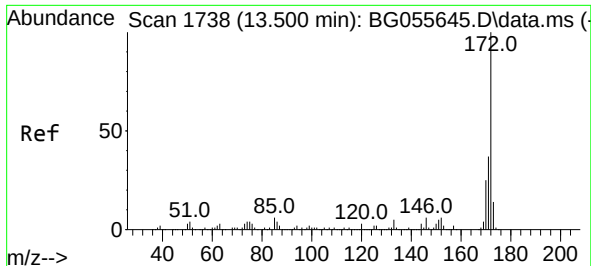


#44
2,4,5-Trichlorophenol
Concen: 46.352 ng
RT: 13.390 min Scan# 1719
Delta R.T. 0.008 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



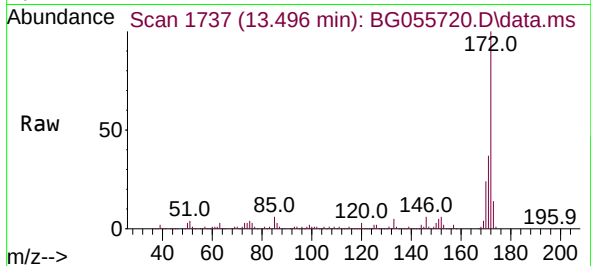
Tgt Ion:196 Resp: 130488
Ion Ratio Lower Upper
196 100
198 97.0 74.1 111.1
97 39.3 34.8 52.2
132 23.6 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 70.508 ng
RT: 13.496 min Scan# 1738
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

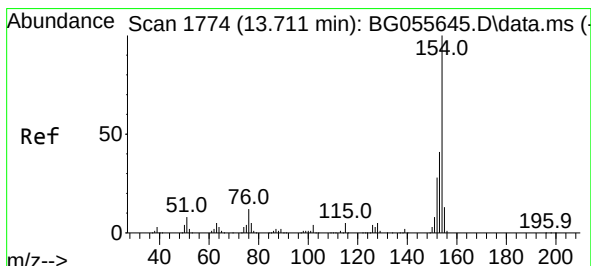
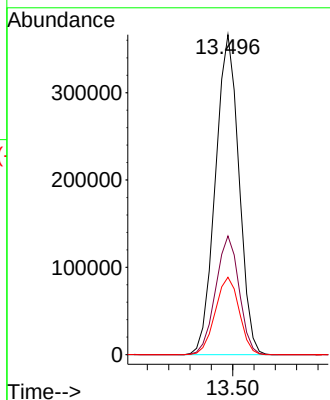
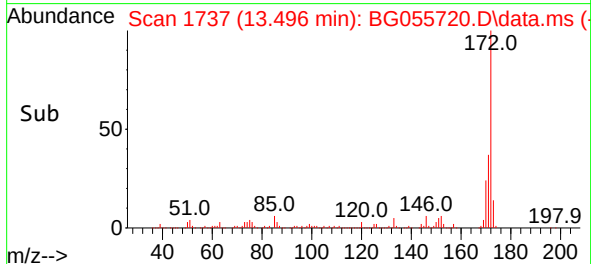
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



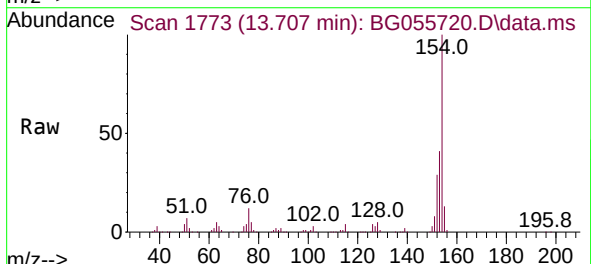
Tgt Ion:172 Resp: 562428
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.2 20.2 30.4

Manual Integrations
APPROVED

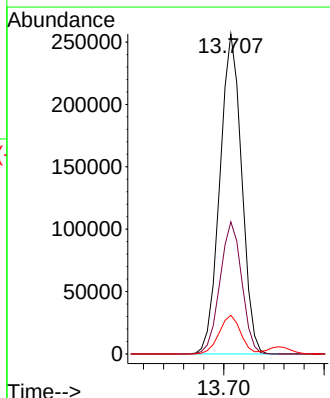
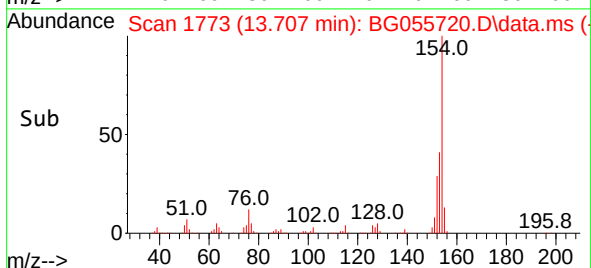
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

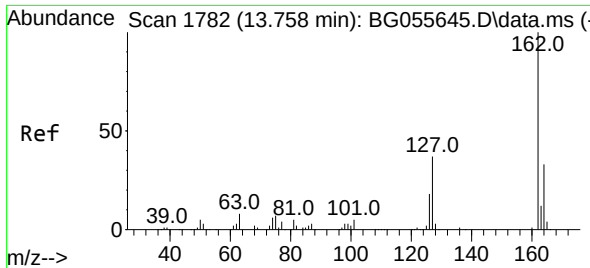


#46
1,1'-Biphenyl
Concen: 44.459 ng
RT: 13.707 min Scan# 1773
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



Tgt Ion:154 Resp: 387167
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 12.1 0.0 32.4





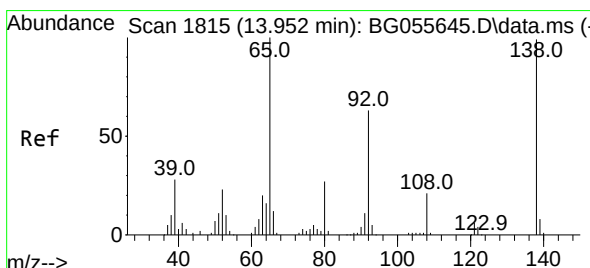
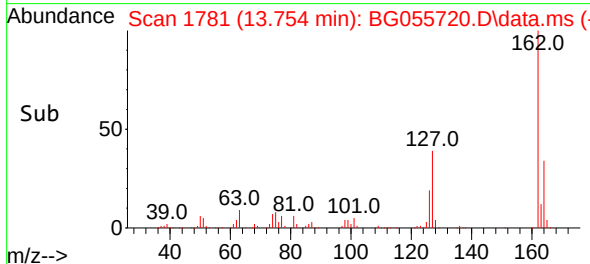
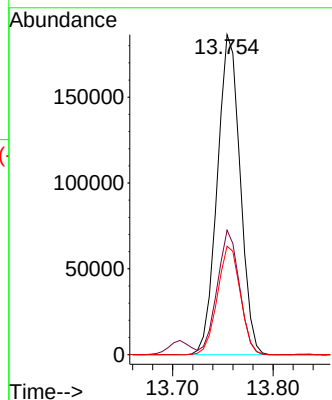
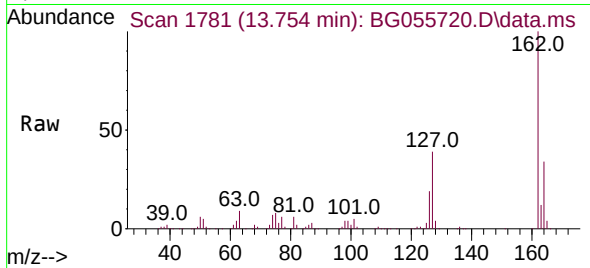
#47
2-Chloronaphthalene
Concen: 43.686 ng
RT: 13.754 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Instrument : BNA_G
ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:162 Resp: 295699
Ion Ratio Lower Upper
162 100
127 38.9 29.9 44.9
164 33.9 26.4 39.6

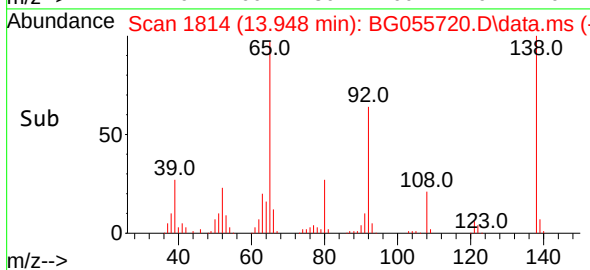
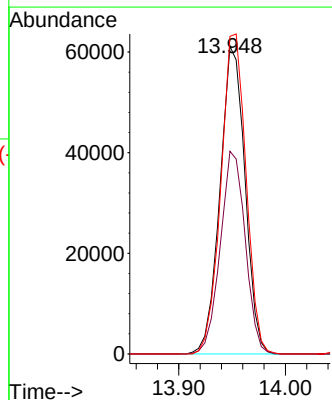
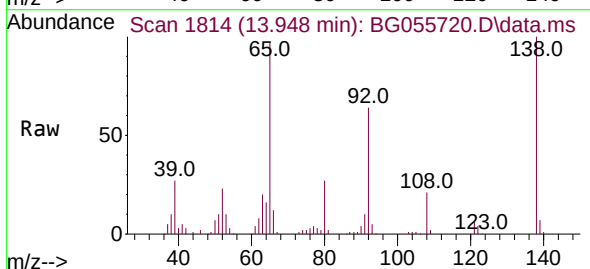
Manual Integrations
APPROVED

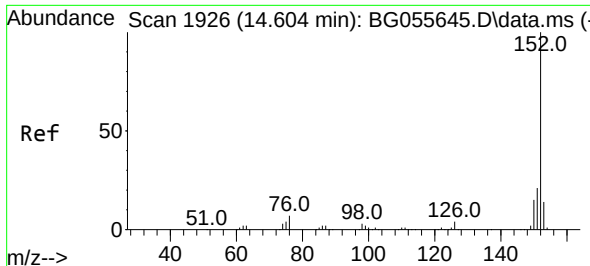
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#48
2-Nitroaniline
Concen: 44.762 ng
RT: 13.948 min Scan# 1814
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

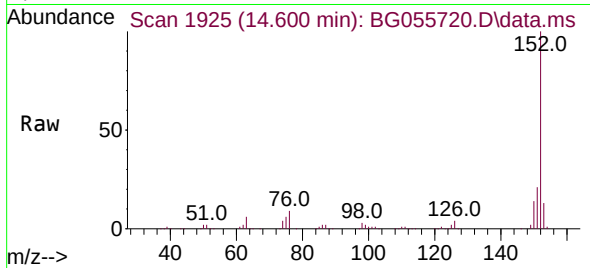
Tgt Ion: 65 Resp: 99612
Ion Ratio Lower Upper
65 100
92 65.9 50.1 75.1
138 103.2 79.4 119.0





#49
Acenaphthylene
Concen: 44.088 ng
RT: 14.600 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

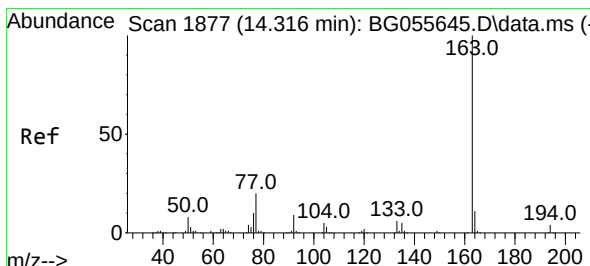
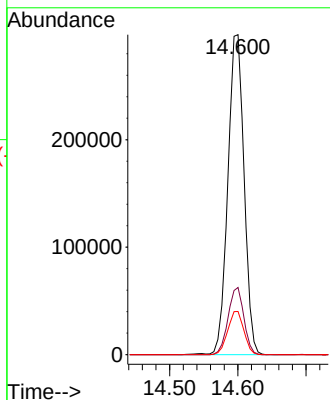
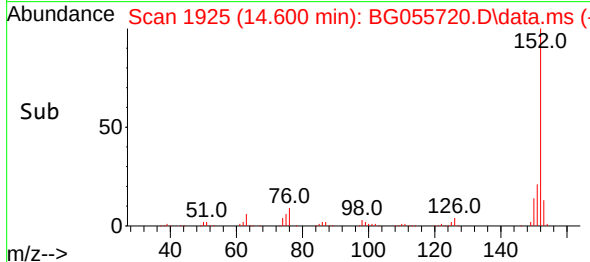
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



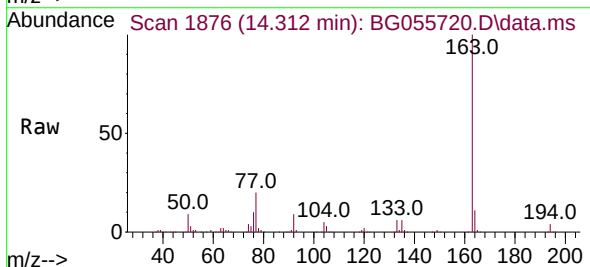
Tgt Ion:152 Resp: 491416
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.5 11.0 16.4

Manual Integrations
APPROVED

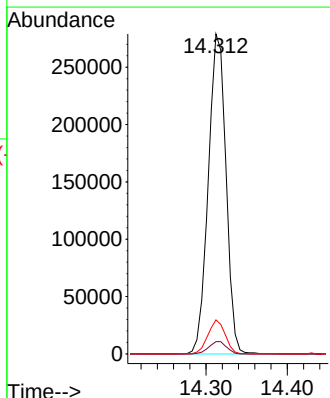
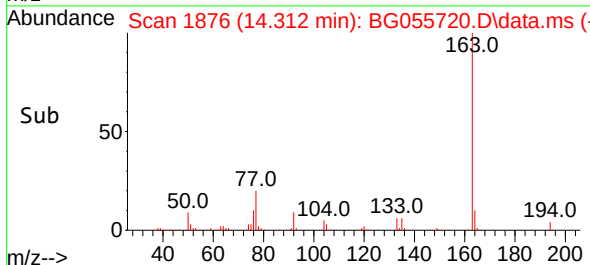
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

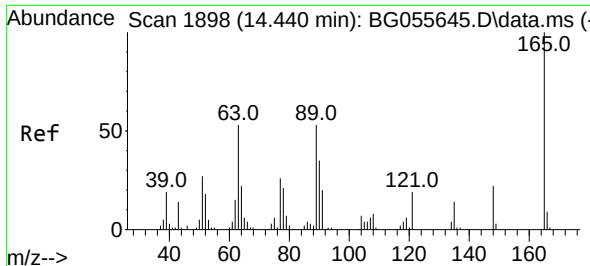


#50
Dimethylphthalate
Concen: 44.390 ng
RT: 14.312 min Scan# 1876
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



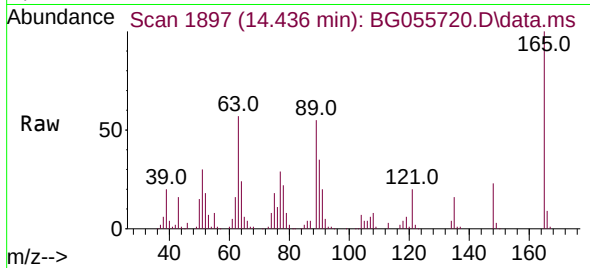
Tgt Ion:163 Resp: 422871
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.422 ng
RT: 14.436 min Scan# 1897
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

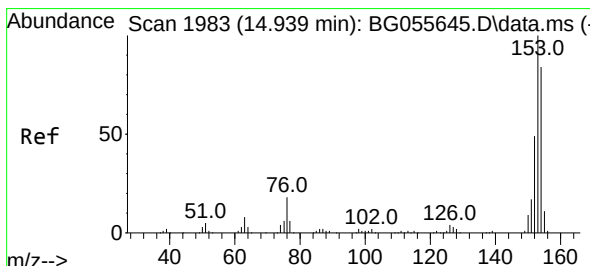
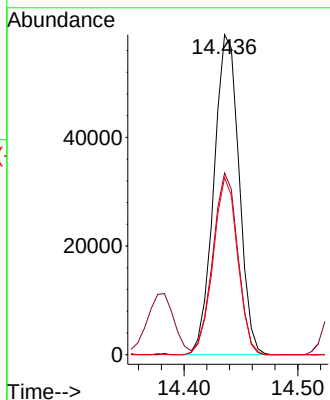
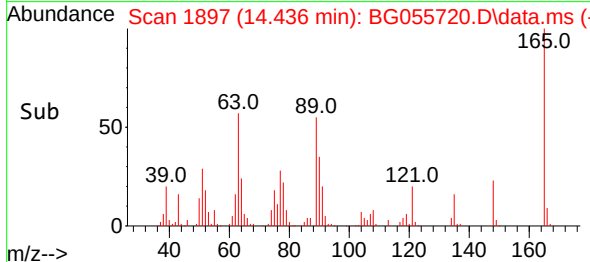
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



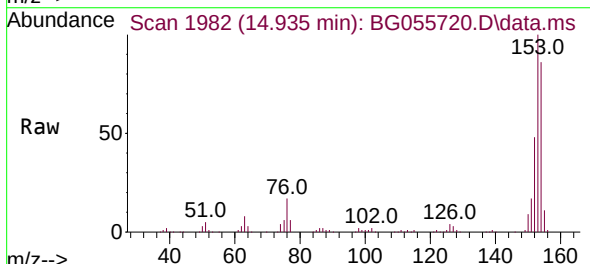
Tgt Ion:165 Resp: 90423
Ion Ratio Lower Upper
165 100
63 56.8 44.6 66.8
89 55.3 42.2 63.4

Manual Integrations
APPROVED

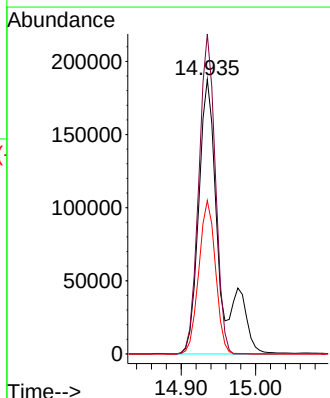
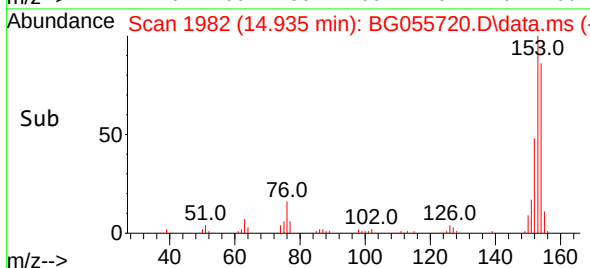
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

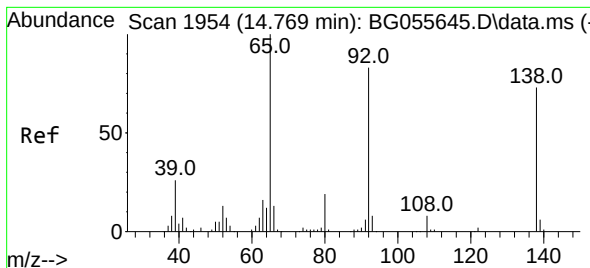


#52
Acenaphthene
Concen: 49.600 ng m
RT: 14.935 min Scan# 1982
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



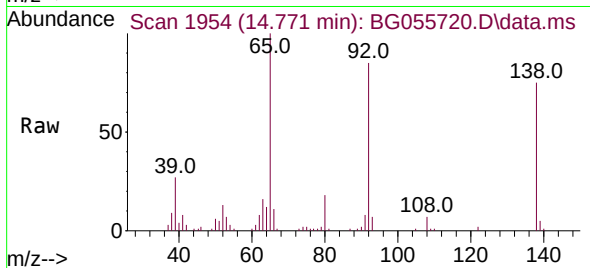
Tgt Ion:154 Resp: 361325
Ion Ratio Lower Upper
154 100
153 116.6 95.0 142.4
152 55.9 46.1 69.1





#53
3-Nitroaniline
Concen: 16.175 ng
RT: 14.771 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

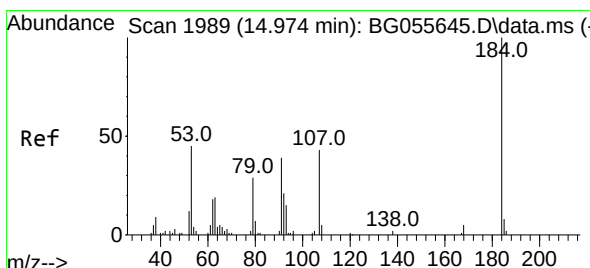
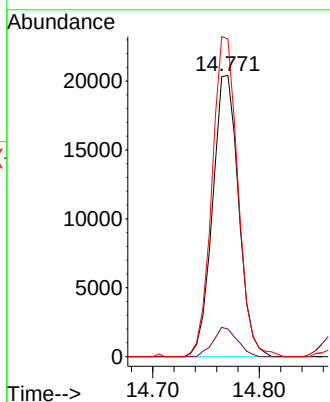
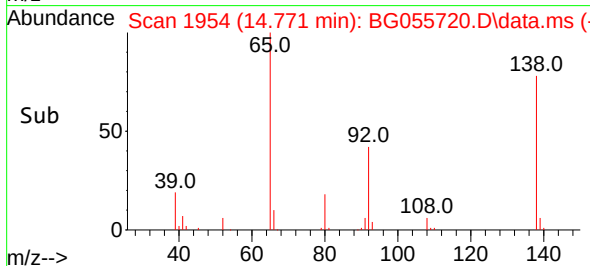
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



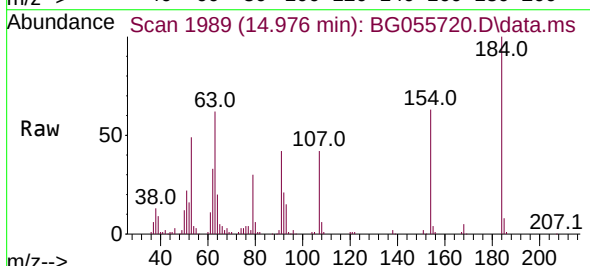
Tgt Ion:138 Resp: 34586
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 113.0 91.0 136.6

Manual Integrations
APPROVED

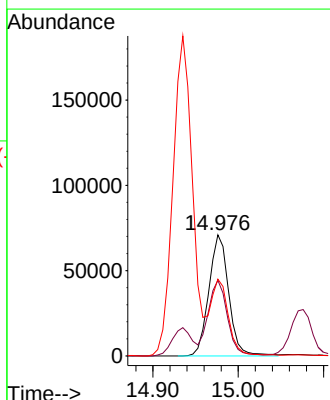
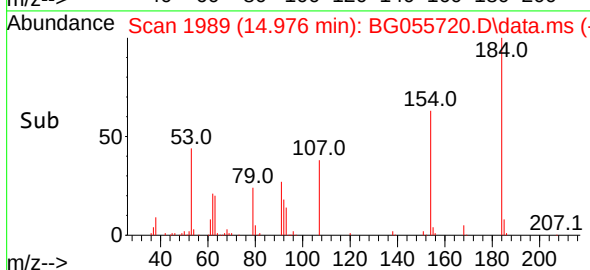
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

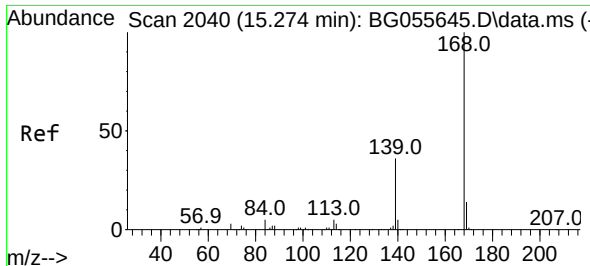


#54
2,4-Dinitrophenol
Concen: 102.451 ng
RT: 14.976 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



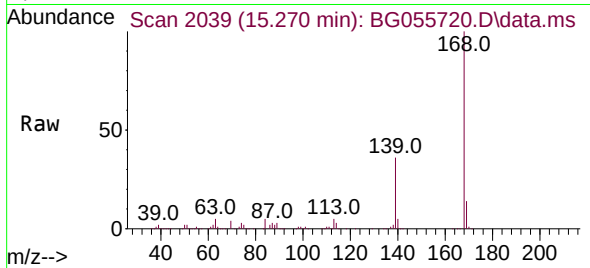
Tgt Ion:184 Resp: 114737
Ion Ratio Lower Upper
184 100
63 62.4 49.5 74.3
154 63.4 52.0 78.0





#55
Dibenzofuran
Concen: 43.838 ng
RT: 15.270 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

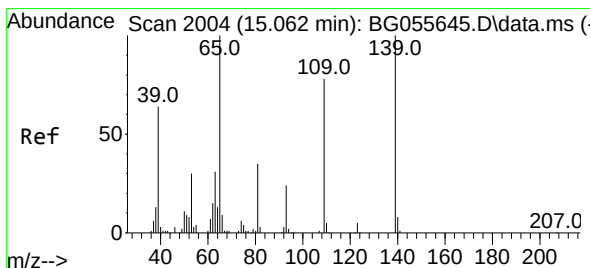
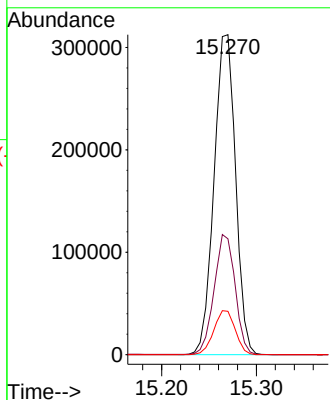
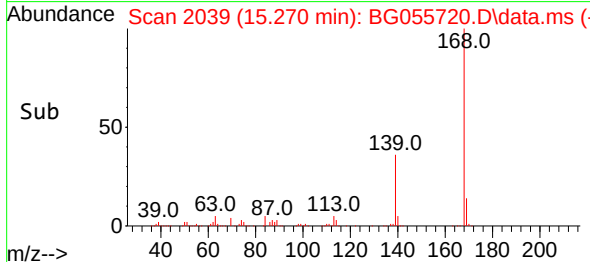
Instrument : BNA_G
ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:168 Resp: 492655
Ion Ratio Lower Upper
168 100
139 36.2 28.8 43.2
169 13.5 11.0 16.4

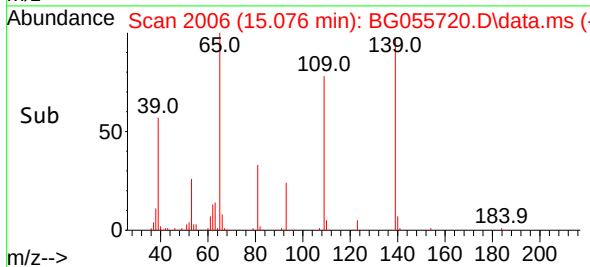
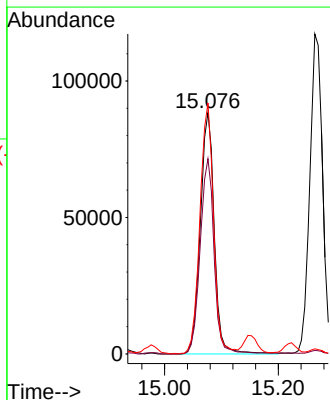
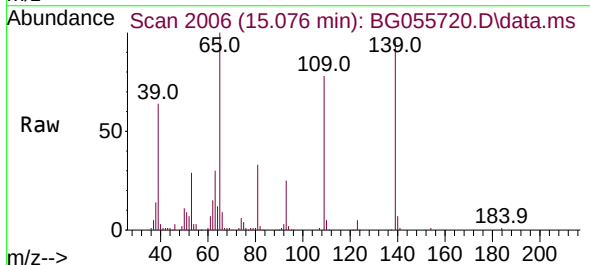
Manual Integrations
APPROVED

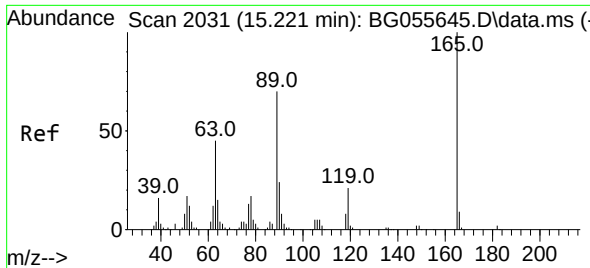
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#56
4-Nitrophenol
Concen: 89.194 ng
RT: 15.076 min Scan# 2006
Delta R.T. 0.014 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

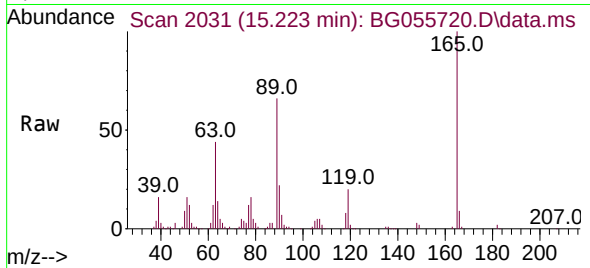
Tgt Ion:139 Resp: 149686
Ion Ratio Lower Upper
139 100
109 80.9 58.6 98.6
65 104.0 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 46.984 ng
RT: 15.223 min Scan# 2031
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

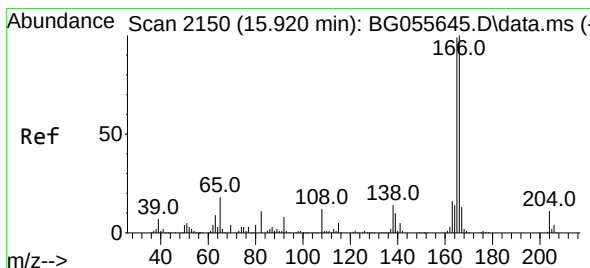
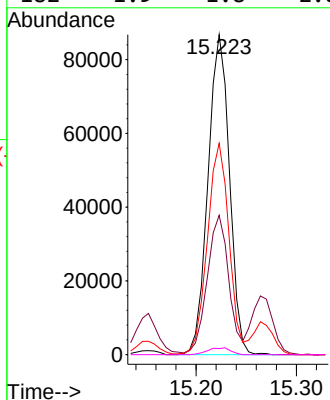
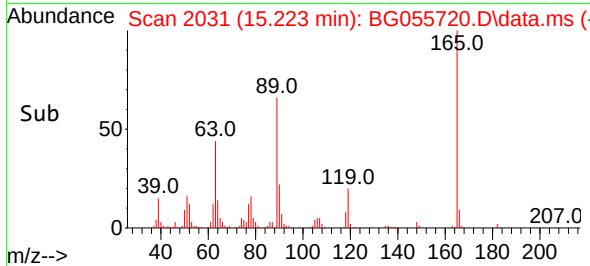
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



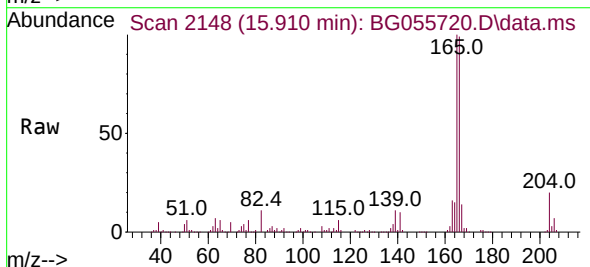
Tgt Ion:165 Resp: 129031
Ion Ratio Lower Upper
165 100
63 43.5 35.8 53.8
89 66.0 56.2 84.4
182 1.9 1.8 2.8

Manual Integrations
APPROVED

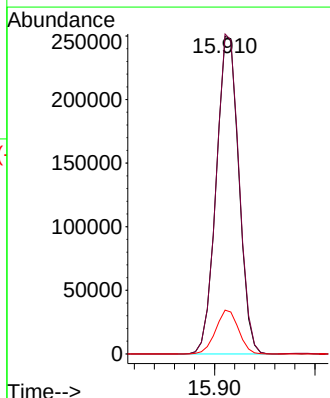
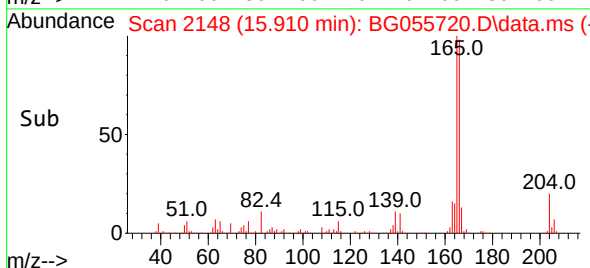
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

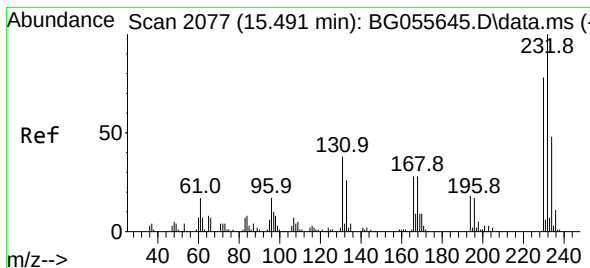


#58
Fluorene
Concen: 43.672 ng
RT: 15.910 min Scan# 2148
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



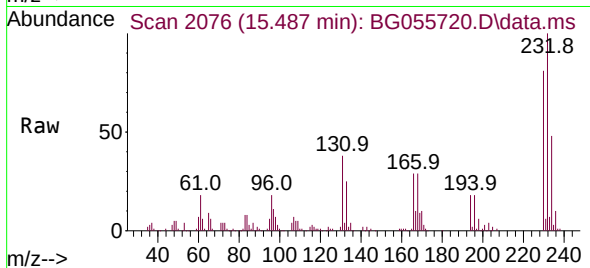
Tgt Ion:166 Resp: 391986
Ion Ratio Lower Upper
166 100
165 100.8 79.3 118.9
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.484 ng
RT: 15.487 min Scan# 2077
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

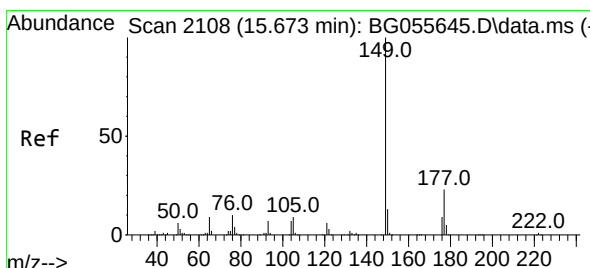
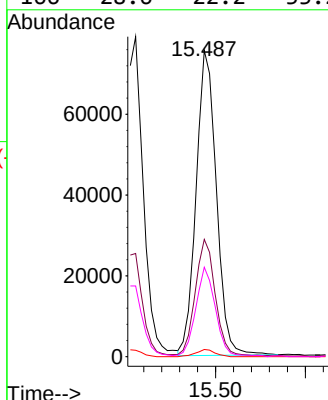
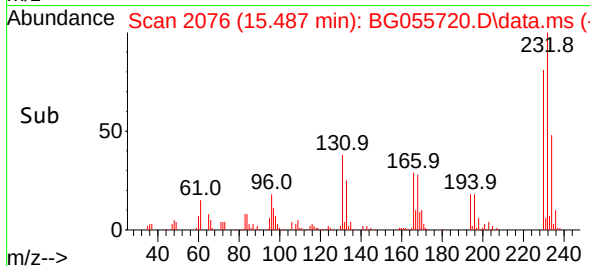
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:232 Resp: 118616
Ion Ratio Lower Upper
232 100
131 38.3 29.8 44.8
130 2.2 1.7 2.5
166 28.6 22.2 33.2

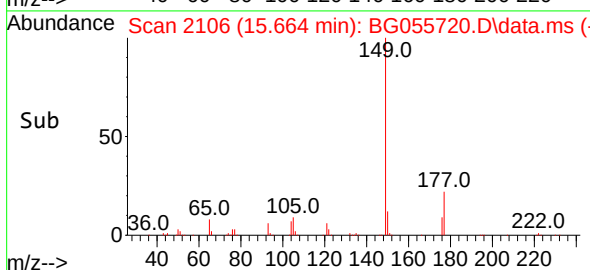
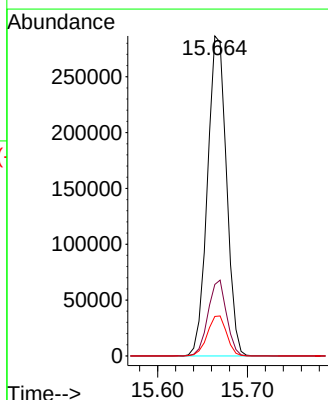
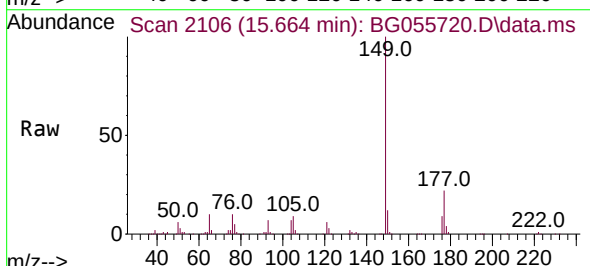
Manual Integrations
APPROVED

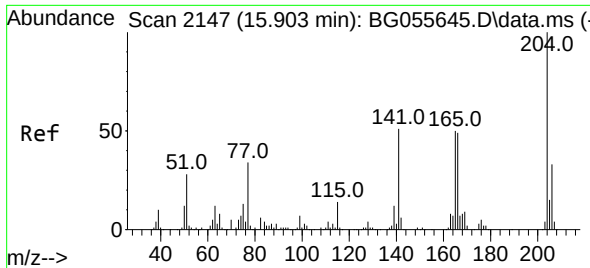
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#60
Diethylphthalate
Concen: 43.774 ng
RT: 15.664 min Scan# 2106
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

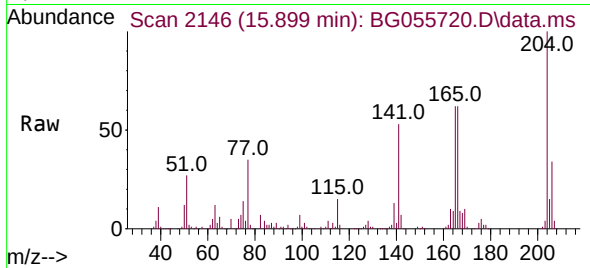
Tgt Ion:149 Resp: 421603
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.031 ng
RT: 15.899 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

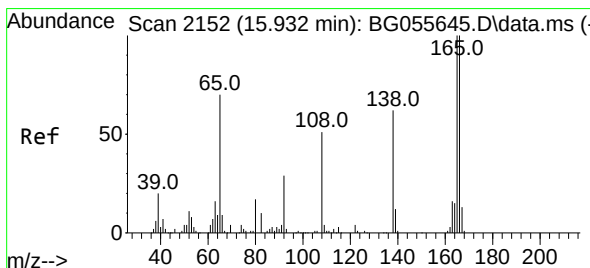
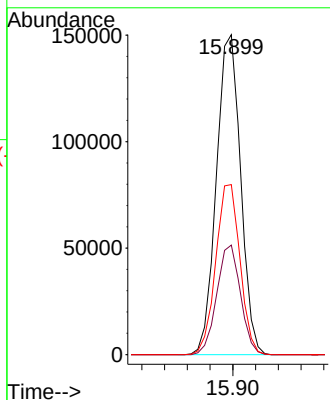
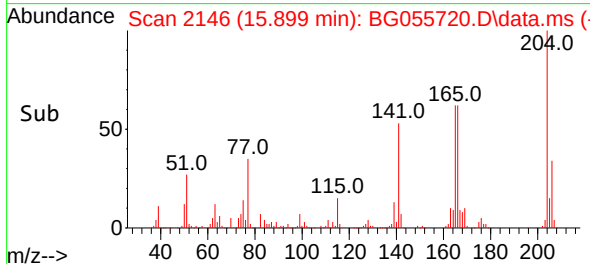
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



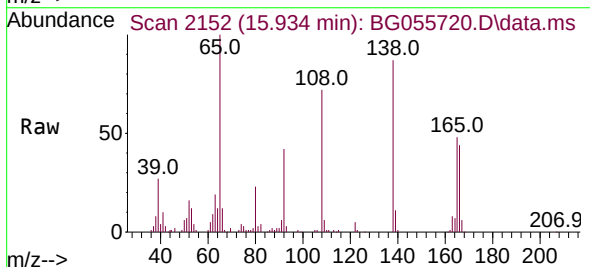
Tgt Ion:204 Resp: 222186
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 53.1 40.6 61.0

Manual Integrations
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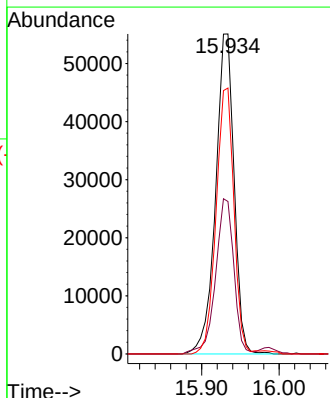
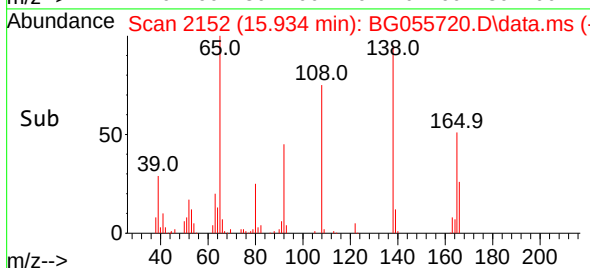
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

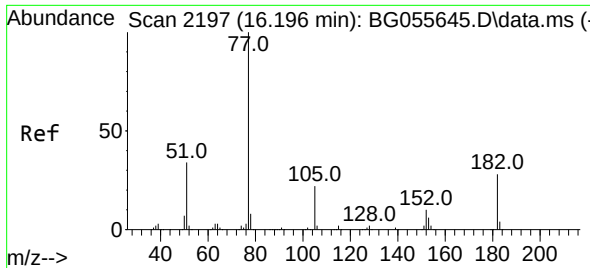


#62
4-Nitroaniline
Concen: 40.742 ng
RT: 15.934 min Scan# 2152
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



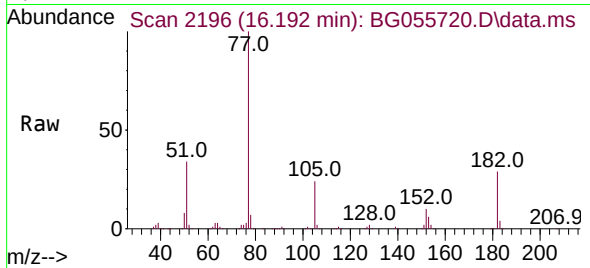
Tgt Ion:138 Resp: 91065
Ion Ratio Lower Upper
138 100
92 47.6 27.3 67.3
108 83.1 62.8 102.8





#63
Azobenzene
Concen: 51.434 ng
RT: 16.192 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

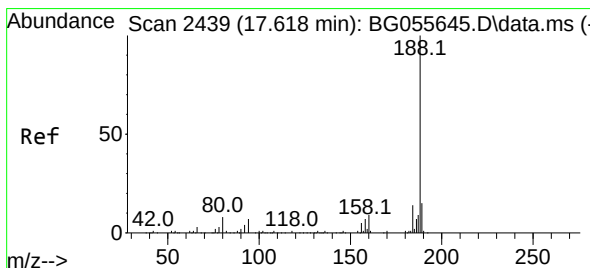
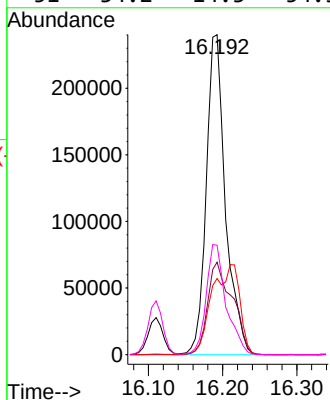
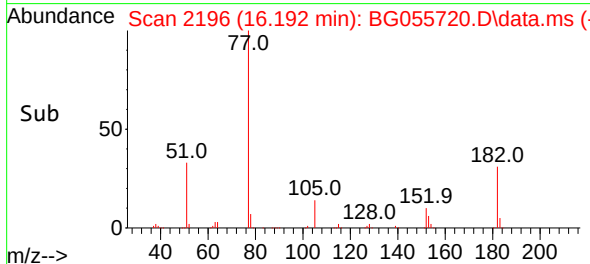
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



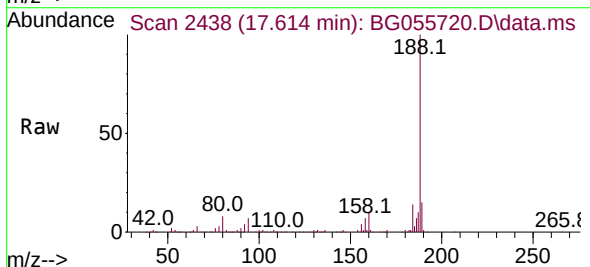
Tgt Ion: 77 Resp: 432484
Ion Ratio Lower Upper
77 100
182 28.9 8.1 48.1
105 23.8 1.8 41.8
51 34.2 14.3 54.3

Manual Integrations
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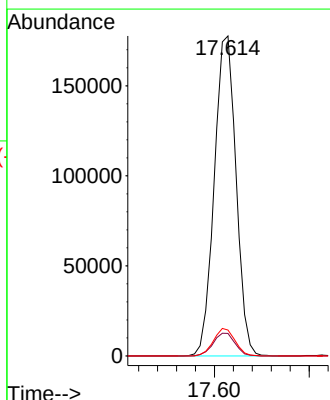
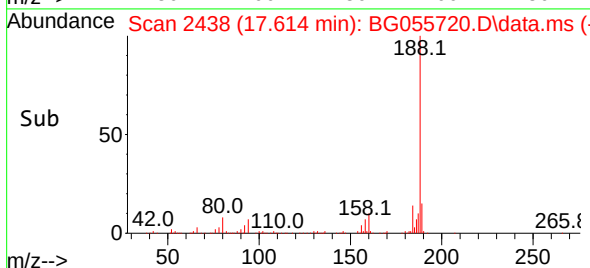
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

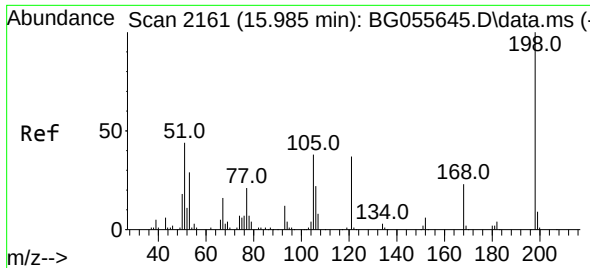


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



Tgt Ion:188 Resp: 283214
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.1 6.6 10.0





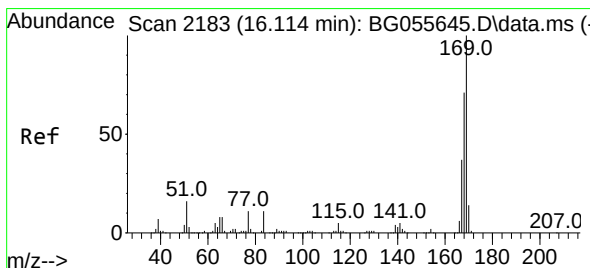
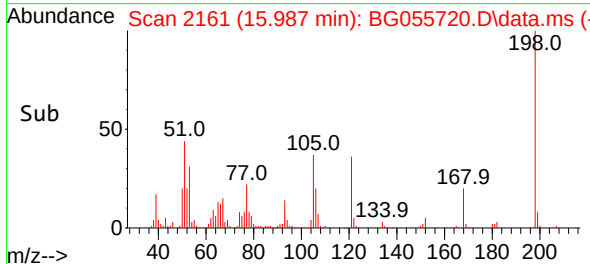
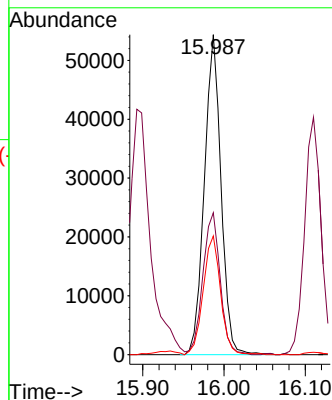
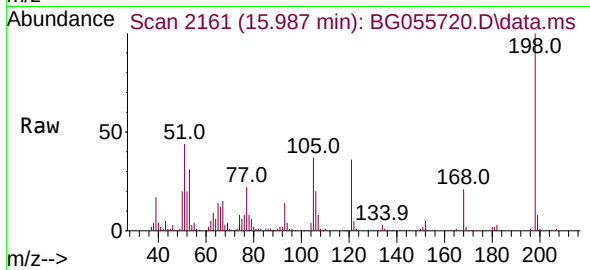
#65
4,6-Dinitro-2-methylphenol
Concen: 49.077 ng
RT: 15.987 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:198 Resp: 77612
Ion Ratio Lower Upper
198 100
51 44.3 27.7 67.7
105 37.1 19.3 59.3

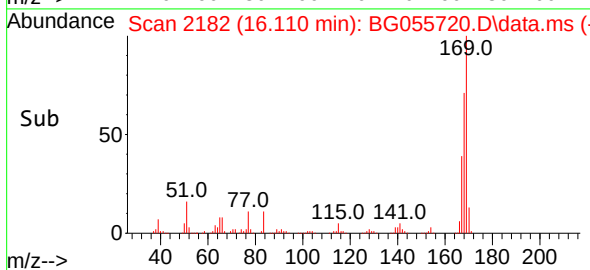
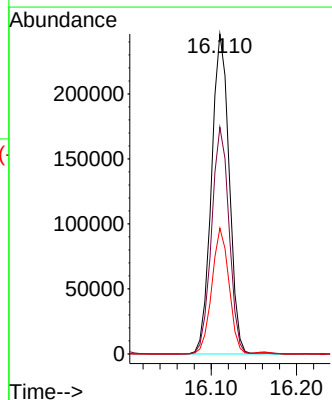
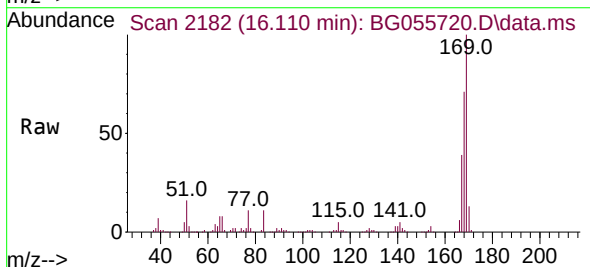
Manual Integrations
APPROVED

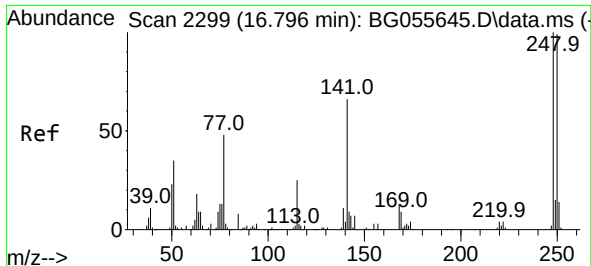
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#66
n-Nitrosodiphenylamine
Concen: 45.451 ng
RT: 16.110 min Scan# 2182
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

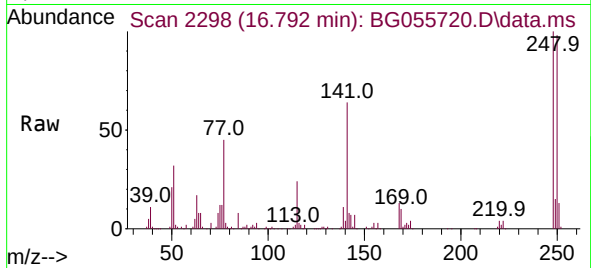
Tgt Ion:169 Resp: 354748
Ion Ratio Lower Upper
169 100
168 70.8 56.6 85.0
167 39.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 45.298 ng
RT: 16.792 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

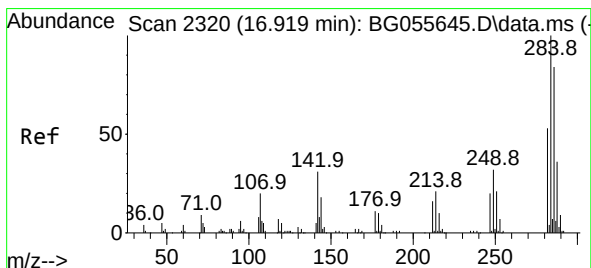
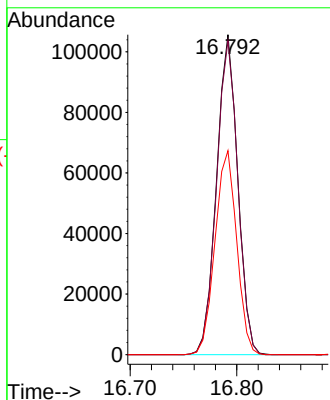
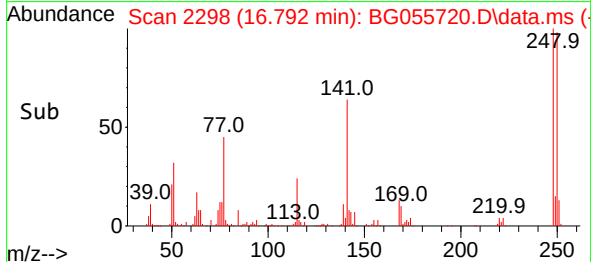
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



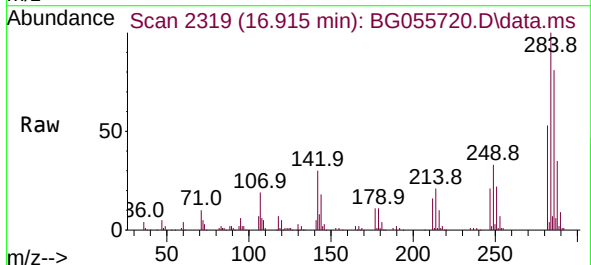
Tgt Ion:248 Resp: 146173
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.4
141 63.7 52.9 79.3

Manual Integrations
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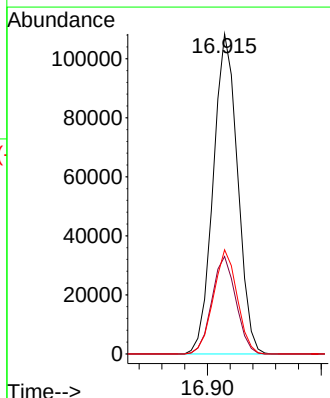
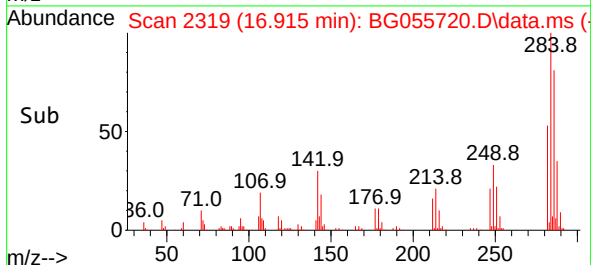
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

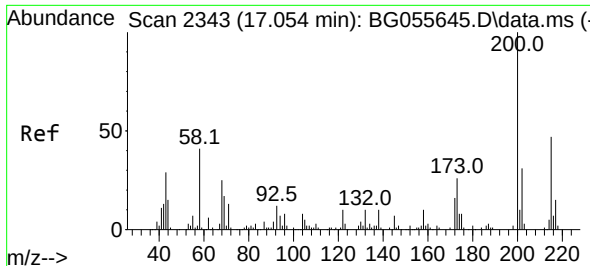


#68
Hexachlorobenzene
Concen: 45.053 ng
RT: 16.915 min Scan# 2319
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



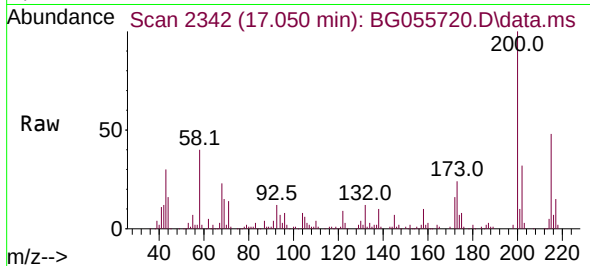
Tgt Ion:284 Resp: 161206
Ion Ratio Lower Upper
284 100
142 30.4 24.8 37.2
249 32.5 25.7 38.5





#69
Atrazine
Concen: 46.771 ng
RT: 17.050 min Scan# 2343
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

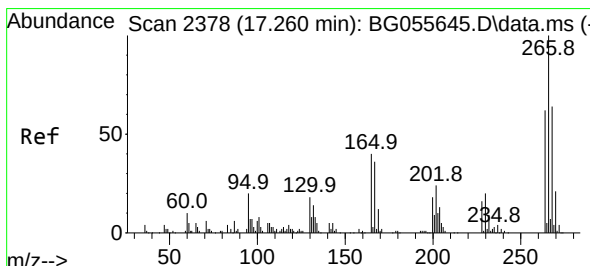
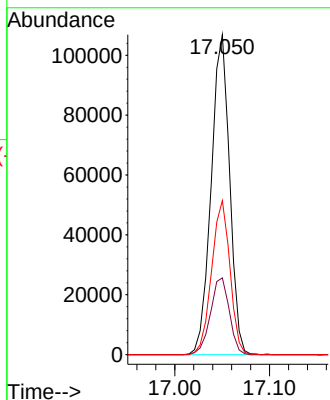
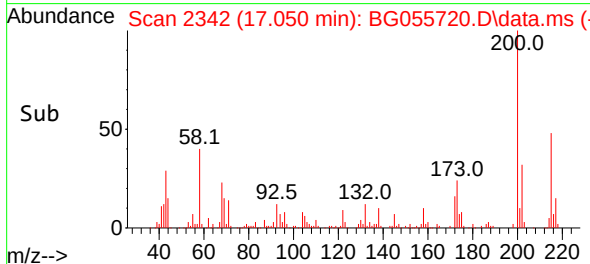
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



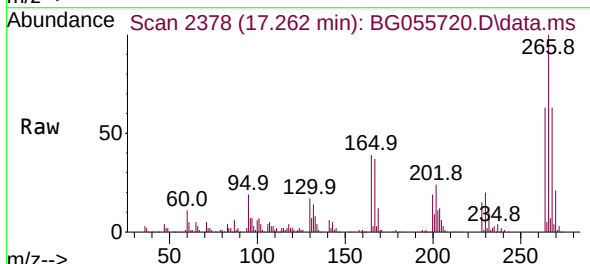
Tgt Ion:200 Resp: 144372
Ion Ratio Lower Upper
200 100
173 24.0 5.6 45.6
215 48.1 27.2 67.2

Manual Integrations
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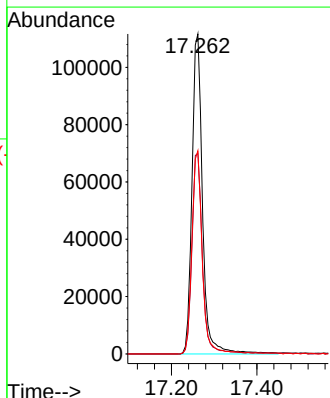
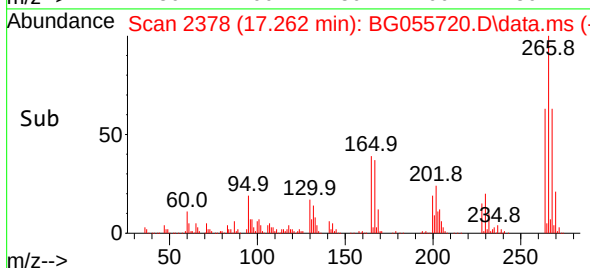
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

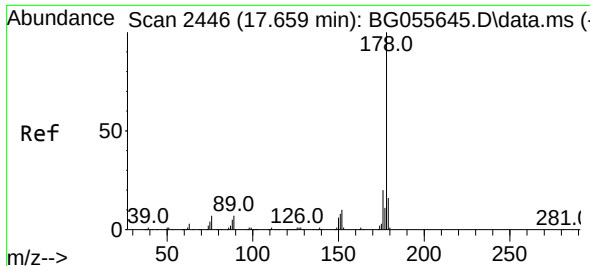


#70
Pentachlorophenol
Concen: 87.319 ng
RT: 17.262 min Scan# 2378
Delta R.T. 0.002 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



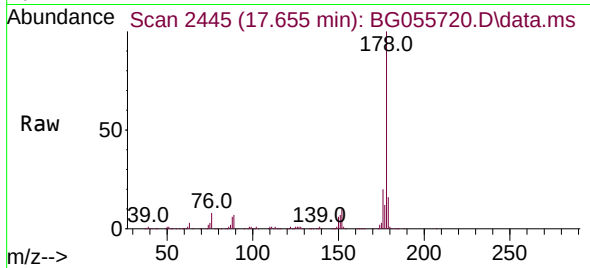
Tgt Ion:266 Resp: 191126
Ion Ratio Lower Upper
266 100
268 62.7 51.2 76.8
264 63.5 49.5 74.3





#71
Phenanthrene
Concen: 42.424 ng
RT: 17.655 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

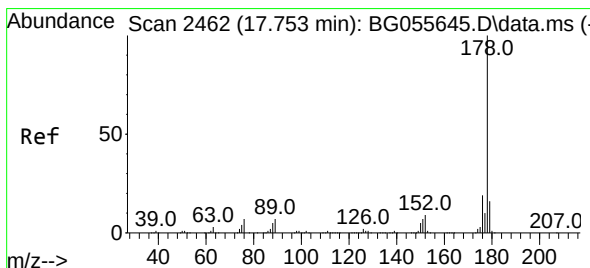
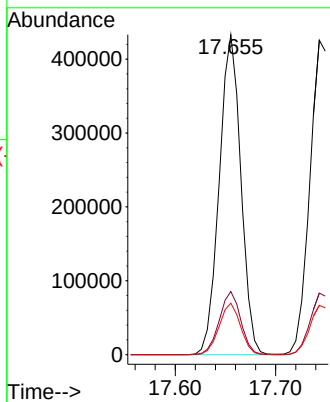
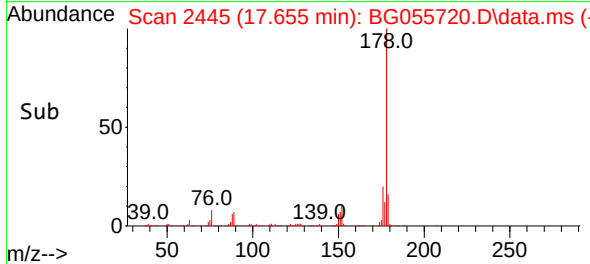
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:178 Resp: 648390
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.7 19.1

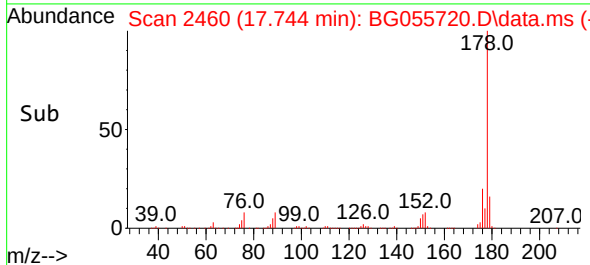
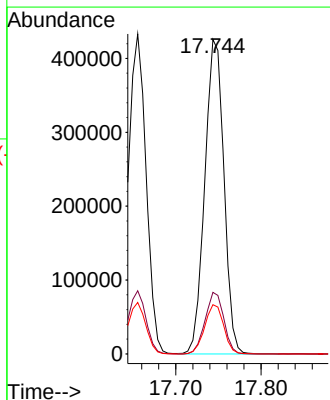
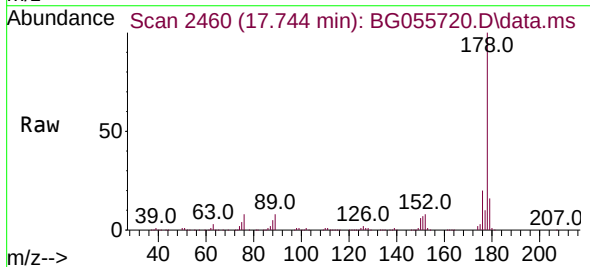
Manual Integrations
APPROVED

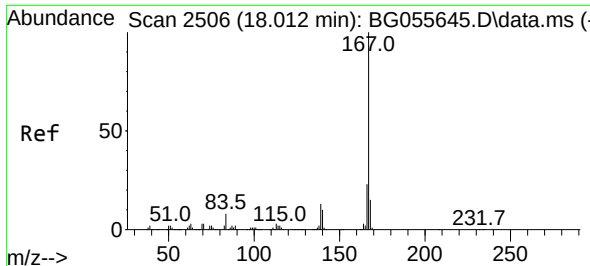
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#72
Anthracene
Concen: 44.638 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

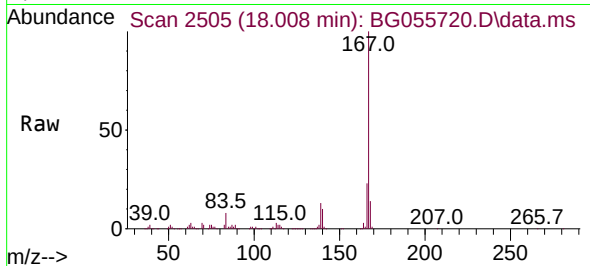
Tgt Ion:178 Resp: 662866
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7





#73
Carbazole
Concen: 43.379 ng
RT: 18.008 min Scan# 2505
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

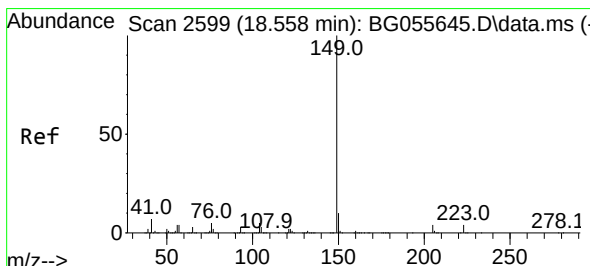
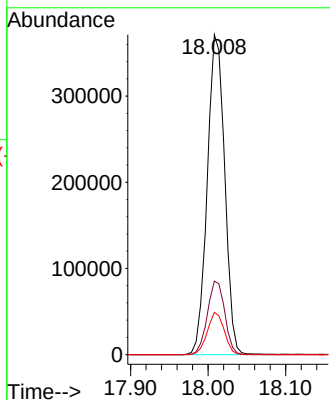
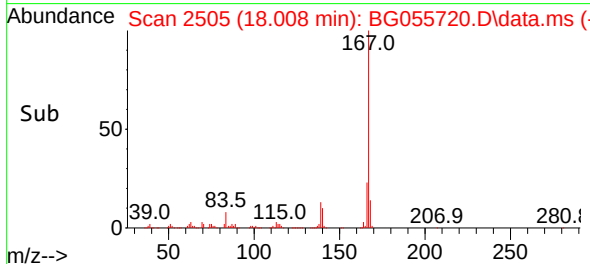
Instrument : BNA_G
ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD



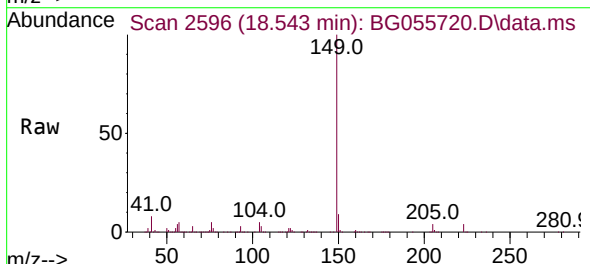
Tgt Ion:167 Resp: 579095
Ion Ratio Lower Upper
167 100
166 23.0 18.2 27.2
139 13.2 10.2 15.4

Manual Integrations
APPROVED

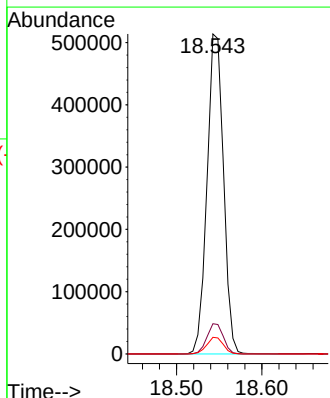
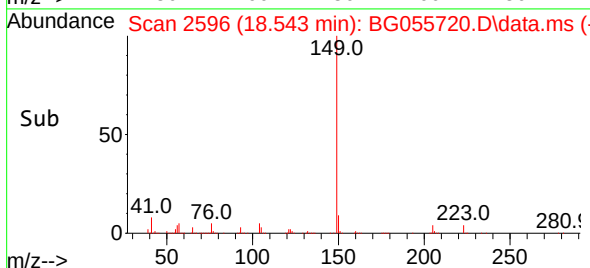
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

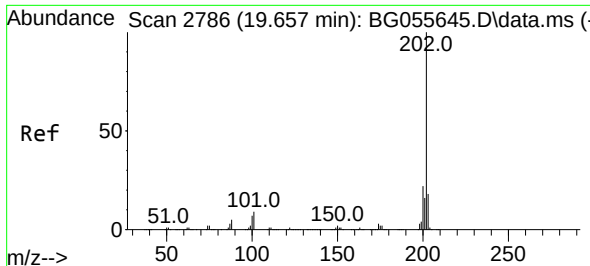


#74
Di-n-butylphthalate
Concen: 41.513 ng
RT: 18.543 min Scan# 2596
Delta R.T. -0.016 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



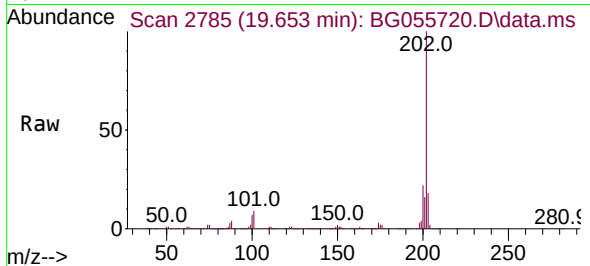
Tgt Ion:149 Resp: 688139
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 39.900 ng
RT: 19.653 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

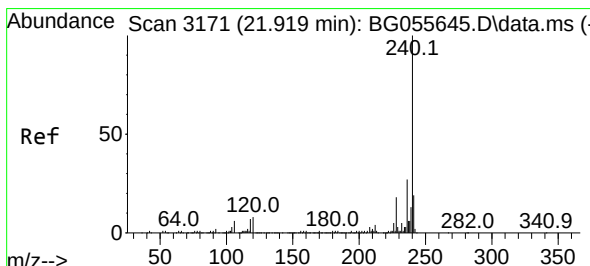
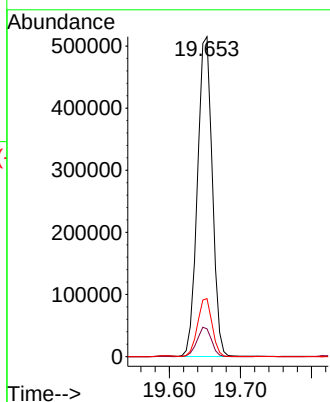
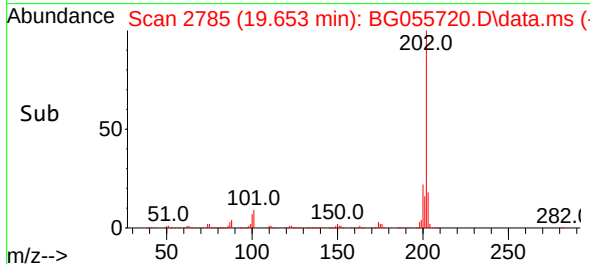
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:202 Resp: 741872
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.8
203 18.1 0.0 38.1

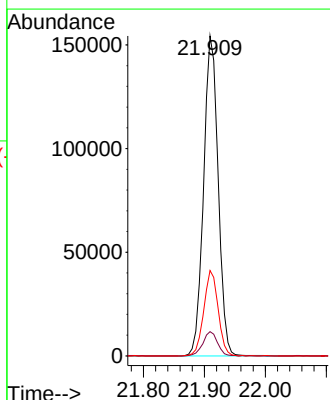
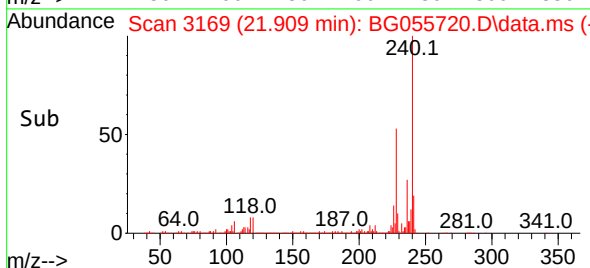
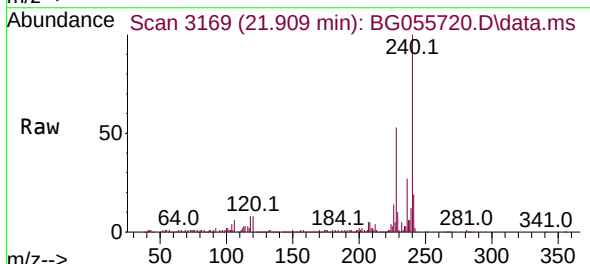
Manual Integrations
APPROVED

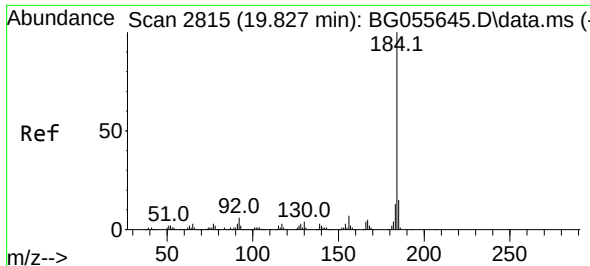
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.909 min Scan# 3169
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

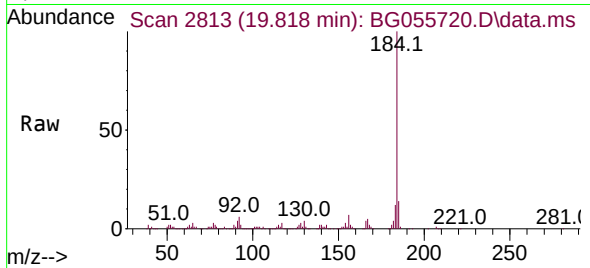
Tgt Ion:240 Resp: 255782
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.7 21.9 32.9





#77
Benzidine
Concen: 47.666 ng
RT: 19.818 min Scan# 2813
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

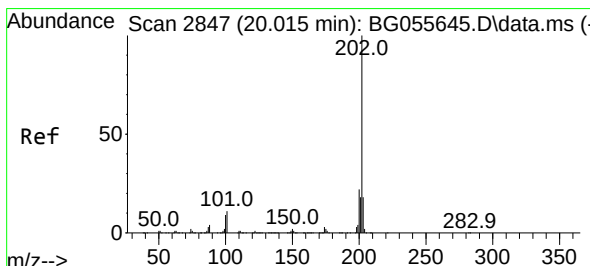
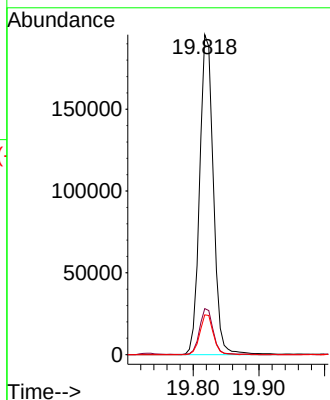
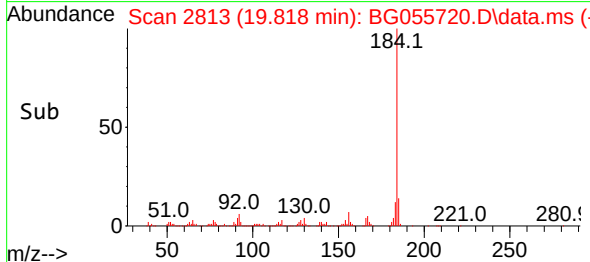
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:184 Resp: 282060
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 12.4 10.6 15.8

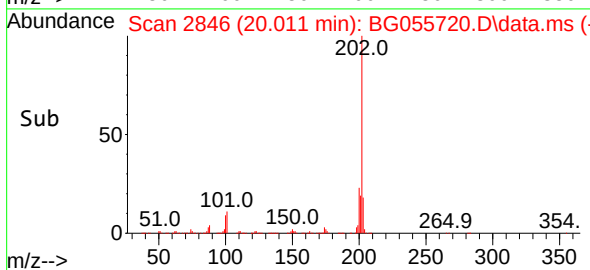
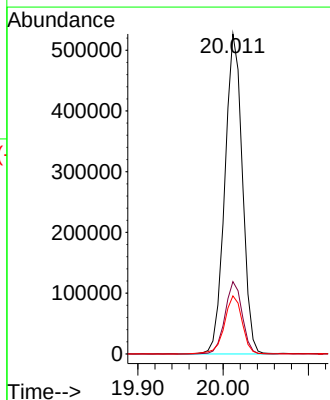
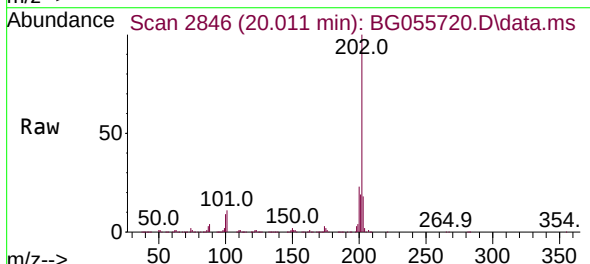
Manual Integrations
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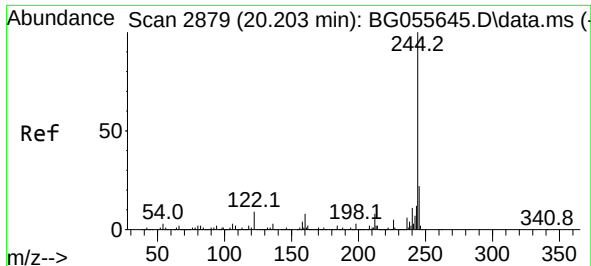
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#78
Pyrene
Concen: 43.356 ng
RT: 20.011 min Scan# 2846
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

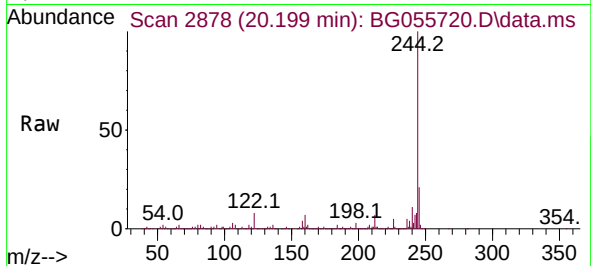
Tgt Ion:202 Resp: 750645
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.1 14.4 21.6





#79
 Terphenyl-d14
 Concen: 76.764 ng
 RT: 20.199 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG055720.D
 Acq: 21 Nov 2022 18:23

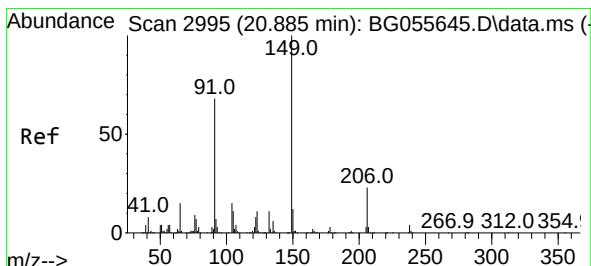
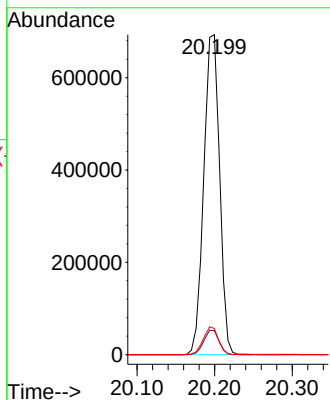
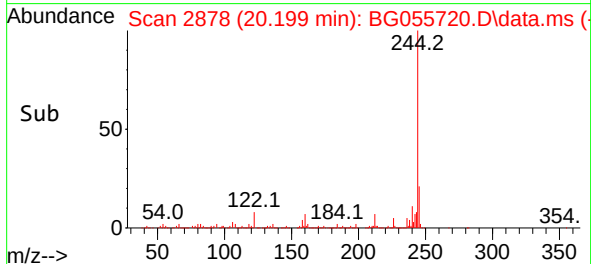
Instrument : BNA_G
 ClientSampleId : BANK-RUN-SOIL-SAMPLE-1MSD



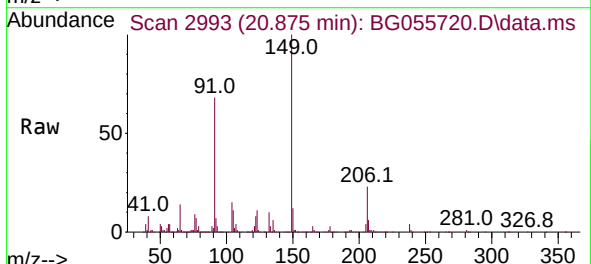
Tgt Ion:244 Resp: 981676
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.2 6.9 10.3

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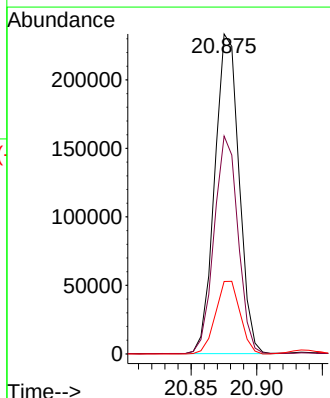
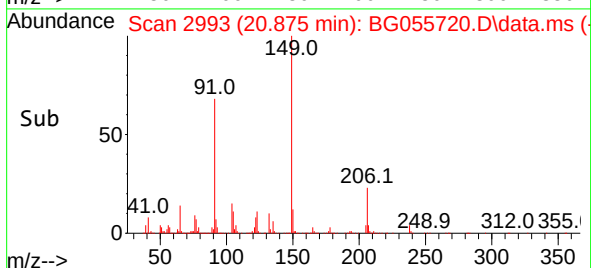
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

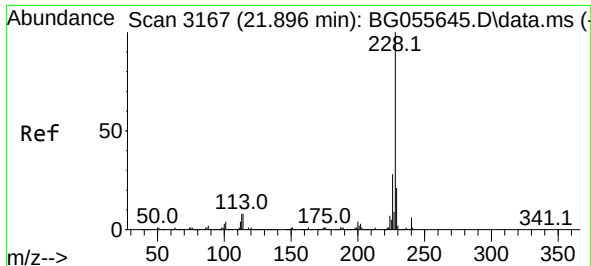


#80
 Butylbenzylphthalate
 Concen: 44.444 ng
 RT: 20.875 min Scan# 2993
 Delta R.T. -0.010 min
 Lab File: BG055720.D
 Acq: 21 Nov 2022 18:23



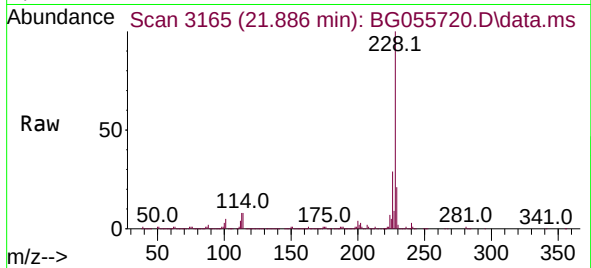
Tgt Ion:149 Resp: 301231
 Ion Ratio Lower Upper
 149 100
 91 68.1 54.6 81.8
 206 22.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 42.785 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

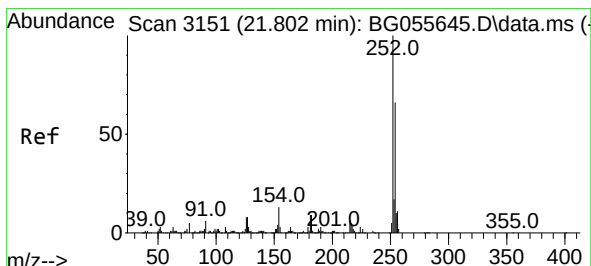
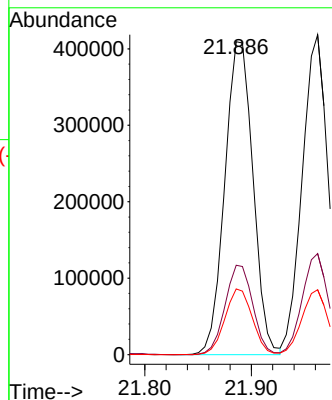
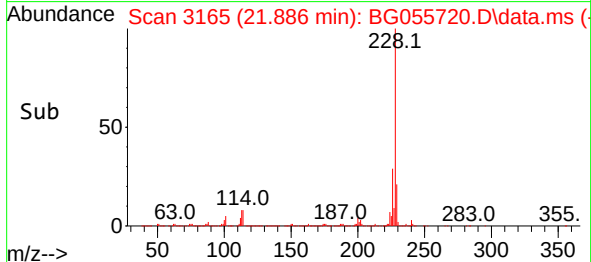
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



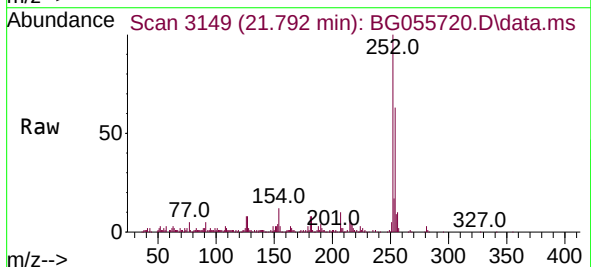
Tgt Ion:228 Resp: 753761
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 21.0 16.5 24.7

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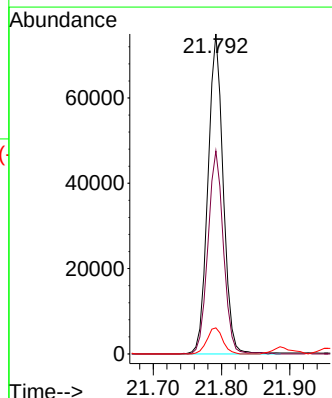
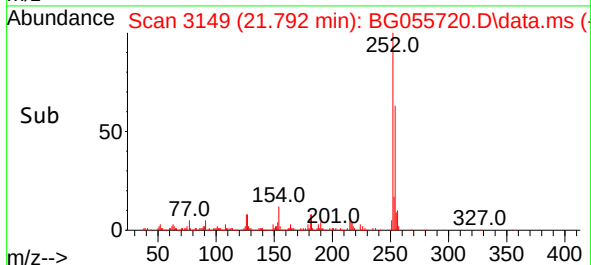
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

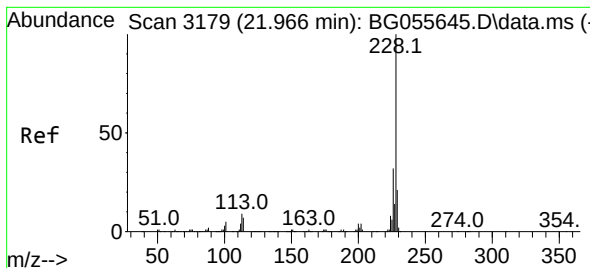


#82
3,3'-Dichlorobenzidine
Concen: 18.792 ng
RT: 21.792 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23



Tgt Ion:252 Resp: 116332
Ion Ratio Lower Upper
252 100
254 63.4 53.0 79.6
126 8.1 6.7 10.1





#83

Chrysene

Concen: 42.224 ng

RT: 21.962 min Scan# 3179

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:228 Resp: 708156

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.2

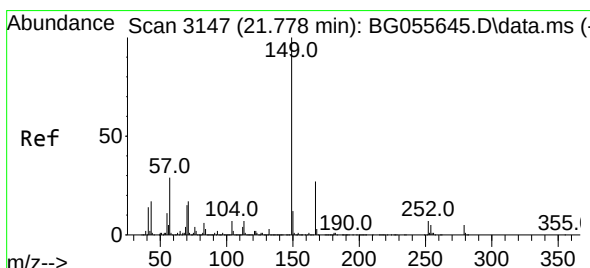
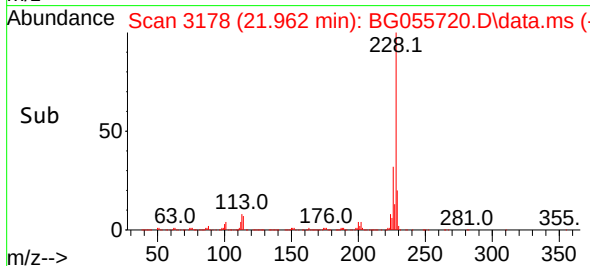
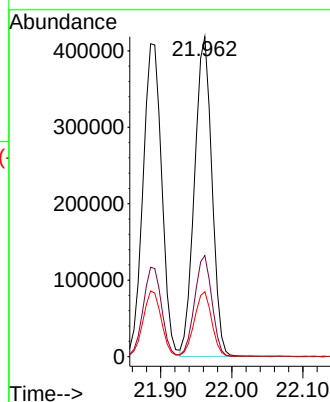
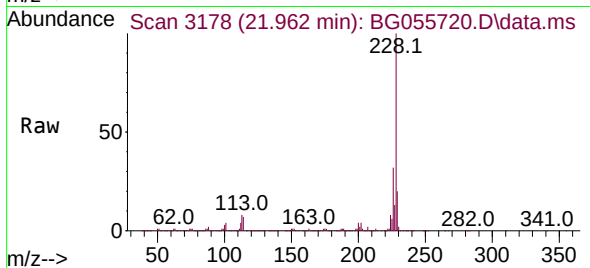
229 20.3 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.786 ng

RT: 21.762 min Scan# 3144

Delta R.T. -0.016 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

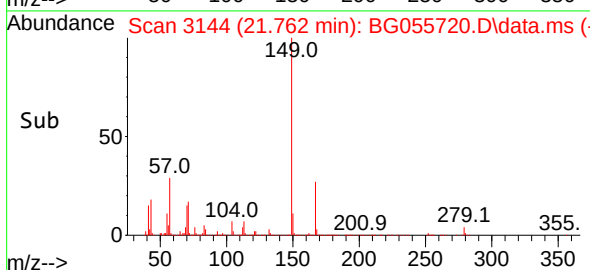
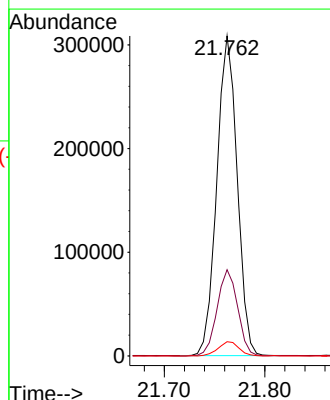
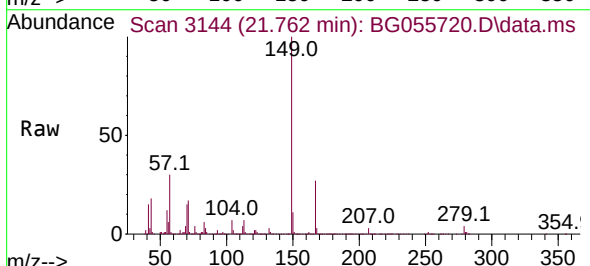
Tgt Ion:149 Resp: 436249

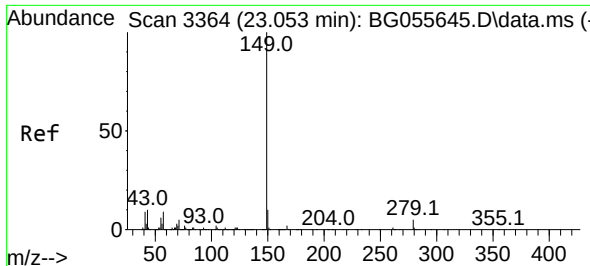
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

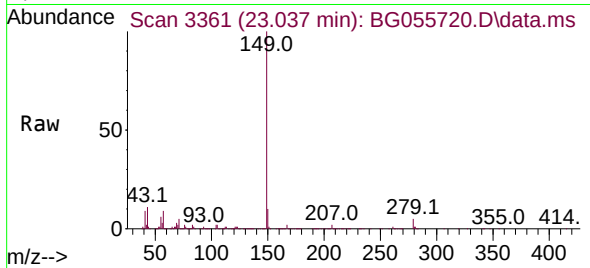
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.419 ng
RT: 23.037 min Scan# 3364
Delta R.T. -0.016 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

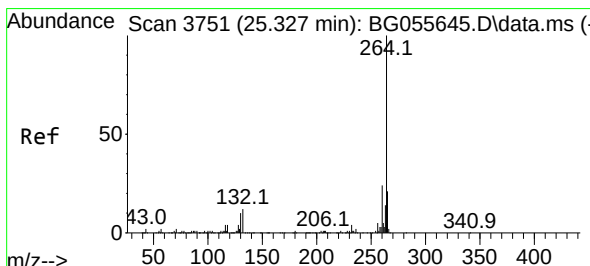
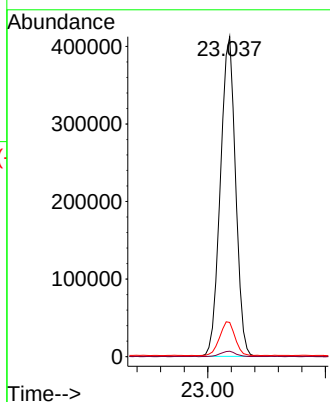
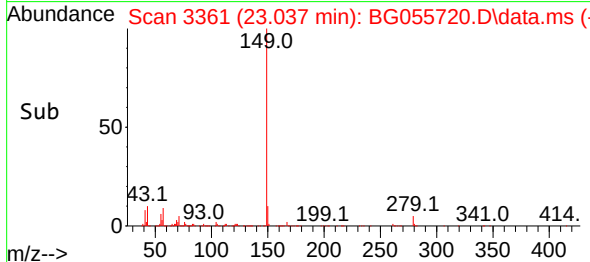
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:149 Resp: 740444
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.7 8.4 12.6

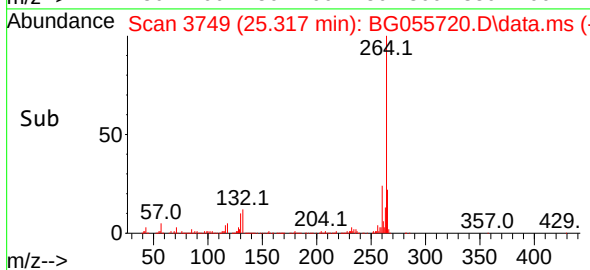
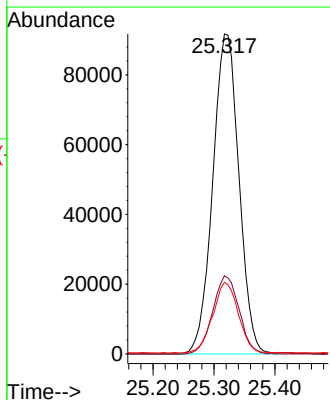
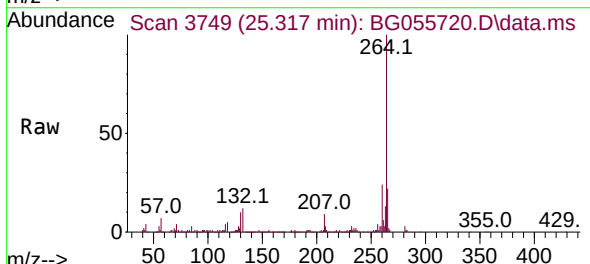
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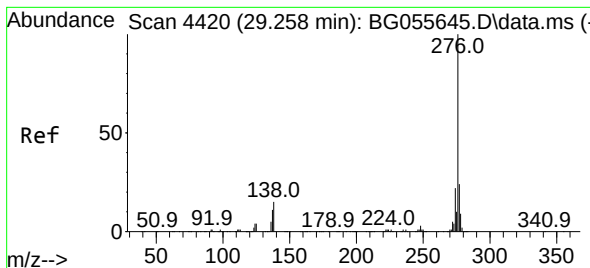
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.317 min Scan# 3749
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:264 Resp: 273611
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.315 ng

RT: 29.254 min Scan# 4420

Delta R.T. -0.004 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1MSD

Tgt Ion:276 Resp: 903659

Ion Ratio Lower Upper

276 100

138 18.9 10.4 15.6

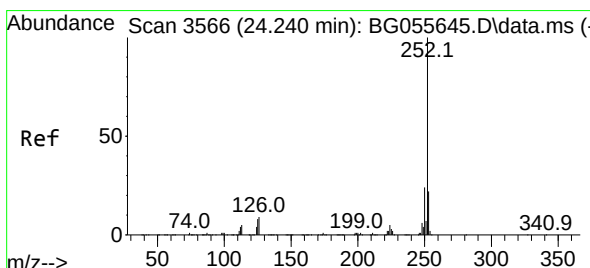
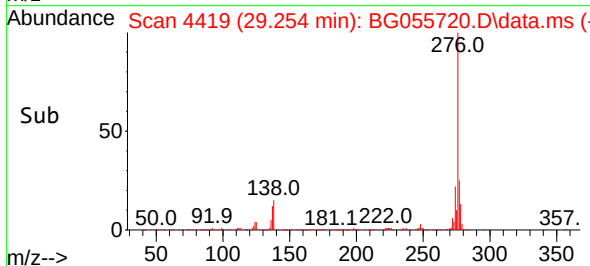
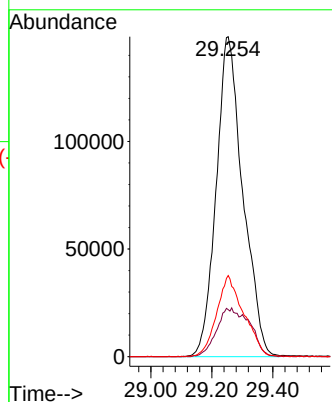
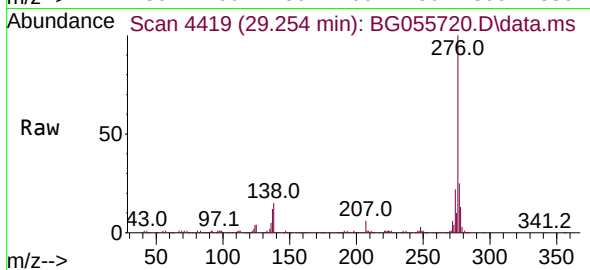
277 25.8 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#88

Benzo(b)fluoranthene

Concen: 44.098 ng

RT: 24.230 min Scan# 3564

Delta R.T. -0.010 min

Lab File: BG055720.D

Acq: 21 Nov 2022 18:23

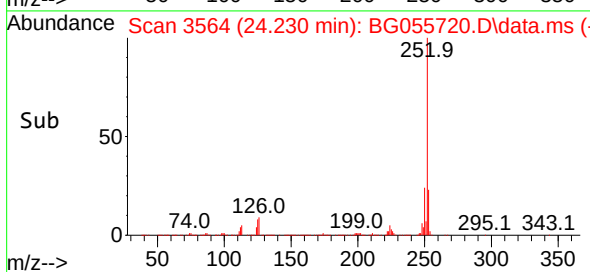
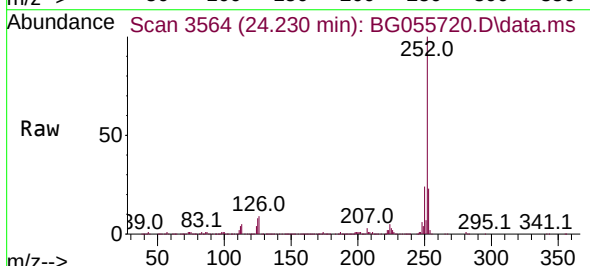
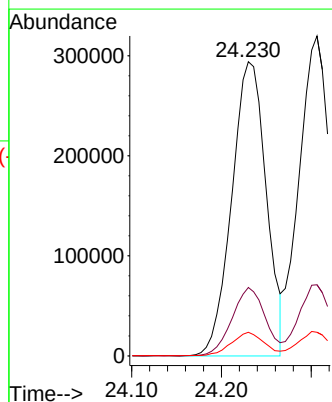
Tgt Ion:252 Resp: 785787

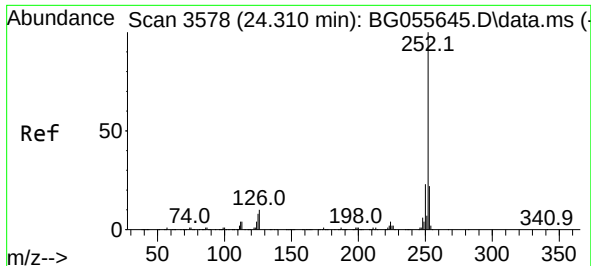
Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

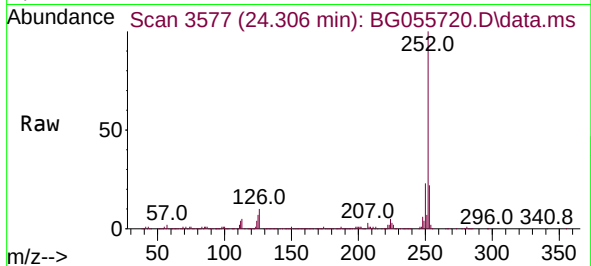
125 8.0 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 43.904 ng
RT: 24.306 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

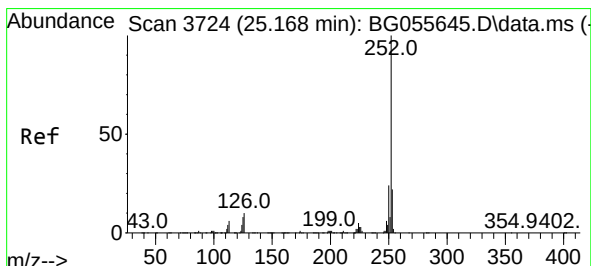
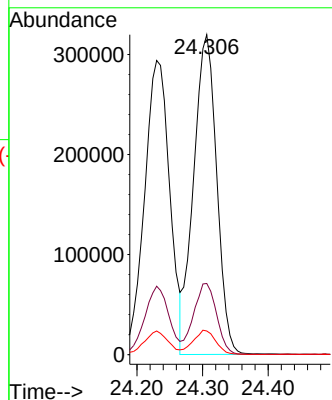
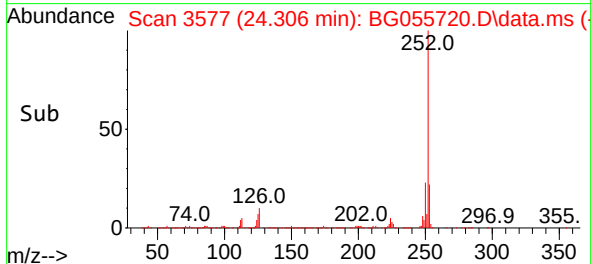
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:252 Resp: 779821
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.4 6.1 9.1

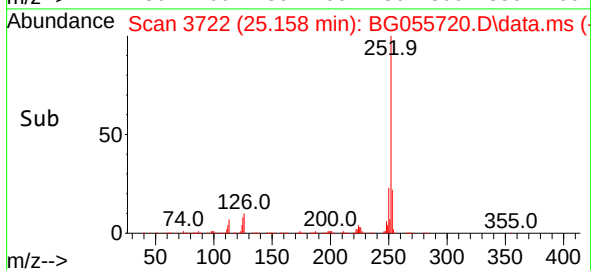
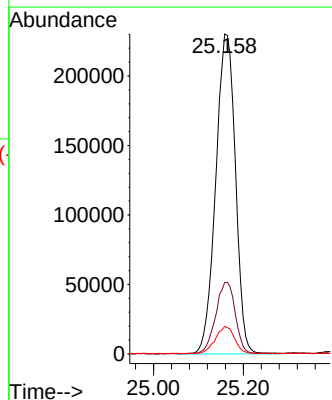
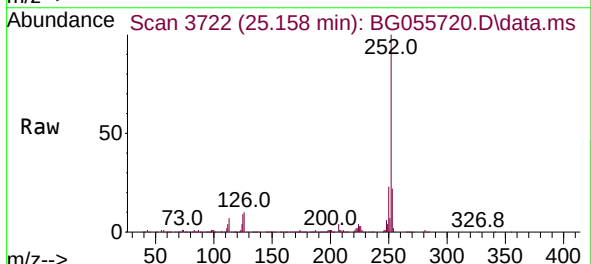
Manual Integrations
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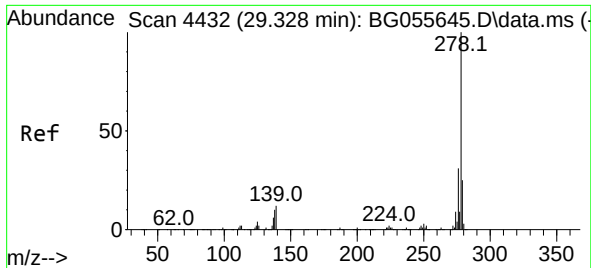
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#90
Benzo(a)pyrene
Concen: 45.878 ng
RT: 25.158 min Scan# 3722
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

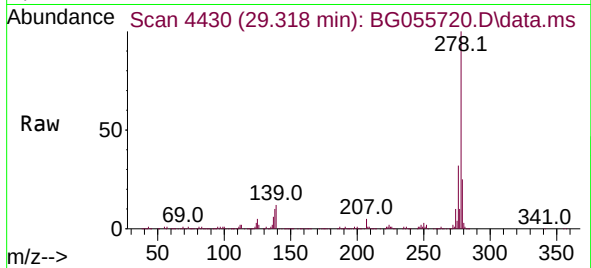
Tgt Ion:252 Resp: 701527
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.6 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 42.112 ng
RT: 29.318 min Scan# 4432
Delta R.T. -0.010 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

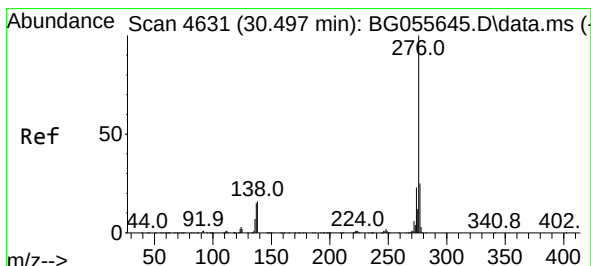
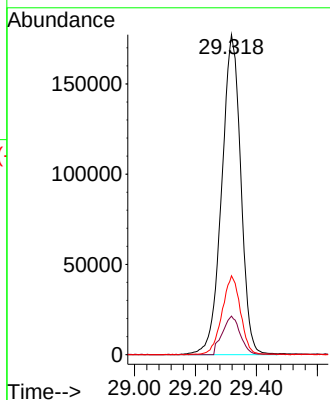
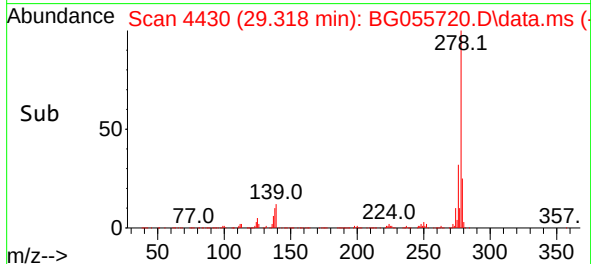
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD



Tgt Ion:278 Resp: 771352
Ion Ratio Lower Upper
278 100
139 12.0 9.8 14.8
279 24.6 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#92
Benzo(g,h,i)perylene
Concen: 40.791 ng
RT: 30.493 min Scan# 4630
Delta R.T. -0.004 min
Lab File: BG055720.D
Acq: 21 Nov 2022 18:23

Tgt Ion:276 Resp: 753047
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.6
138 15.4 13.1 19.7

