

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059728.D
 Acq On : 17 Nov 2023 12:04
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 17 12:38:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	39025	20.000	ng	# 0.00
21) Naphthalene-d8	11.196	136	187167	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	125717	20.000	ng	0.00
64) Phenanthrene-d10	17.723	188	302354	20.000	ng	# 0.00
76) Chrysene-d12	22.053	240	268403	20.000	ng	# 0.00
86) Perylene-d12	25.637	264	323085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	188413	81.262	ng	0.00
7) Phenol-d6	7.459	99	290797	84.634	ng	0.00
23) Nitrobenzene-d5	9.545	82	410231	83.709	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	125564	88.028	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	823188	88.138	ng	0.00
79) Terphenyl-d14	20.297	244	1444094	79.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.681	88	39523	36.293	ng	93
3) Pyridine	4.092	79	116158	39.053	ng	96
4) n-Nitrosodimethylamine	4.022	42	64504	40.765	ng	# 76
6) Aniline	7.670	93	183633	40.497	ng	99
8) 2-Chlorophenol	7.894	128	99872	39.705	ng	94
9) Benzaldehyde	7.488	77	99168	42.698	ng	91
10) Phenol	7.488	94	154398	43.601	ng	95
11) bis(2-Chloroethyl)ether	7.753	93	86754	39.354	ng	95
12) 1,3-Dichlorobenzene	8.223	146	109410	39.160	ng	94
13) 1,4-Dichlorobenzene	8.381	146	114384	40.768	ng	96
14) 1,2-Dichlorobenzene	8.381	146	114384	41.035	ng	93
15) Benzyl Alcohol	8.581	79	166270	42.436	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.840	45	34168	42.128	ng	# 65
17) 2-Methylphenol	8.769	107	107476	41.205	ng	95
18) Hexachloroethane	9.427	117	49443	41.519	ng	97
19) n-Nitroso-di-n-propyla...	9.151	70	112402	41.542	ng	# 97
20) 3+4-Methylphenols	9.104	107	154474	42.661	ng	96
22) Acetophenone	9.186	105	206880	39.042	ng	# 93
24) Nitrobenzene	9.586	77	188152	41.687	ng	95
25) Isophorone	10.091	82	329811	40.087	ng	96
26) 2-Nitrophenol	10.297	139	67021	40.502	ng	94
27) 2,4-Dimethylphenol	10.320	122	130648	38.832	ng	88
28) bis(2-Chloroethoxy)met...	10.573	93	121553	39.316	ng	91
29) 2,4-Dichlorophenol	10.820	162	117289	40.832	ng	87
30) 1,2,4-Trichlorobenzene	11.037	180	122986	42.364	ng	93
31) Naphthalene	11.243	128	381170	40.500	ng	98
32) Benzoic acid	10.426	122	87602	38.259	ng	# 79
33) 4-Chloroaniline	11.354	127	160621	40.124	ng	93
34) Hexachlorobutadiene	11.466	225	78719	39.842	ng	94
35) Caprolactam	12.153	113	41741	39.760	ng	92
36) 4-Chloro-3-methylphenol	12.429	107	166686	43.633	ng	96
37) 2-Methylnaphthalene	12.823	142	315645	39.820	ng	89
38) 1-Methylnaphthalene	13.040	142	297259	40.665	ng	90
40) 1,2,4,5-Tetrachloroben...	13.164	216	142073	41.845	ng	97
41) Hexachlorocyclopentadiene	13.117	237	95705	44.938	ng	89
43) 2,4,6-Trichlorophenol	13.399	196	110039m	46.607	ng	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059728.D
 Acq On : 17 Nov 2023 12:04
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 17 12:38:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.475	196	121495	43.796	ng	# 88
46) 1,1'-Biphenyl	13.810	154	428339	43.408	ng	95
47) 2-Chloronaphthalene	13.863	162	306213	45.162	ng	95
48) 2-Nitroaniline	14.080	65	118738	49.049	ng	89
49) Acenaphthylene	14.703	152	498265	43.098	ng	96
50) Dimethylphthalate	14.415	163	422753	43.393	ng	100
51) 2,6-Dinitrotoluene	14.556	165	77665	42.022	ng	# 75
52) Acenaphthene	15.038	154	306716	44.113	ng	95
53) 3-Nitroaniline	14.897	138	89824	41.521	ng	94
54) 2,4-Dinitrophenol	15.091	184	52996	38.588	ng	# 73
55) Dibenzofuran	15.367	168	504354	43.996	ng	93
56) 4-Nitrophenol	15.167	139	67503	40.785	ng	# 85
57) 2,4-Dinitrotoluene	15.332	165	124335	43.745	ng	88
58) Fluorene	16.013	166	410488	43.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.579	232	103915	42.613	ng	95
60) Diethylphthalate	15.755	149	466193	44.617	ng	97
61) 4-Chlorophenyl-phenyle...	15.996	204	214104	43.676	ng	98
62) 4-Nitroaniline	16.060	138	84424	38.938	ng	# 76
63) Azobenzene	16.290	77	526777	45.367	ng	95
65) 4,6-Dinitro-2-methylph...	16.084	198	76252	41.267	ng	86
66) n-Nitrosodiphenylamine	16.219	169	374647	42.418	ng	96
67) 4-Bromophenyl-phenylether	16.895	248	138202	42.548	ng	97
68) Hexachlorobenzene	16.989	284	129188	42.613	ng	96
69) Atrazine	17.147	200	113042	39.919	ng	96
70) Pentachlorophenol	17.341	266	99629	43.075	ng	91
71) Phenanthrene	17.764	178	654871	42.601	ng	99
72) Anthracene	17.858	178	649041	40.636	ng	98
73) Carbazole	18.134	167	559034	40.064	ng	97
74) Di-n-butylphthalate	18.634	149	696588	41.300	ng	98
75) Fluoranthene	19.756	202	724458	39.298	ng	98
77) Benzidine	19.938	184	227085	37.311	ng	98
78) Pyrene	20.120	202	720503	39.454	ng	99
80) Butylbenzylphthalate	20.978	149	302486	40.395	ng	99
81) Benzo(a)anthracene	22.030	228	727100	39.592	ng	99
82) 3,3'-Dichlorobenzidine	21.942	252	265014	38.734	ng	93
83) Chrysene	22.100	228	707982	42.054	ng	97
84) Bis(2-ethylhexyl)phtha...	21.854	149	430908	41.164	ng	# 98
85) Di-n-octyl phthalate	23.193	149	757936	37.611	ng	98
87) Indeno(1,2,3-cd)pyrene	29.797	276	1015667	41.546	ng	# 83
88) Benzo(b)fluoranthene	24.480	252	808422	45.653	ng	# 95
89) Benzo(k)fluoranthene	24.551	252	786808	44.943	ng	# 98
90) Benzo(a)pyrene	25.467	252	781030	41.327	ng	99
91) Dibenzo(a,h)anthracene	29.897	278	841565	40.689	ng	99
92) Benzo(g,h,i)perylene	31.137	276	787417	40.123	ng	# 92

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

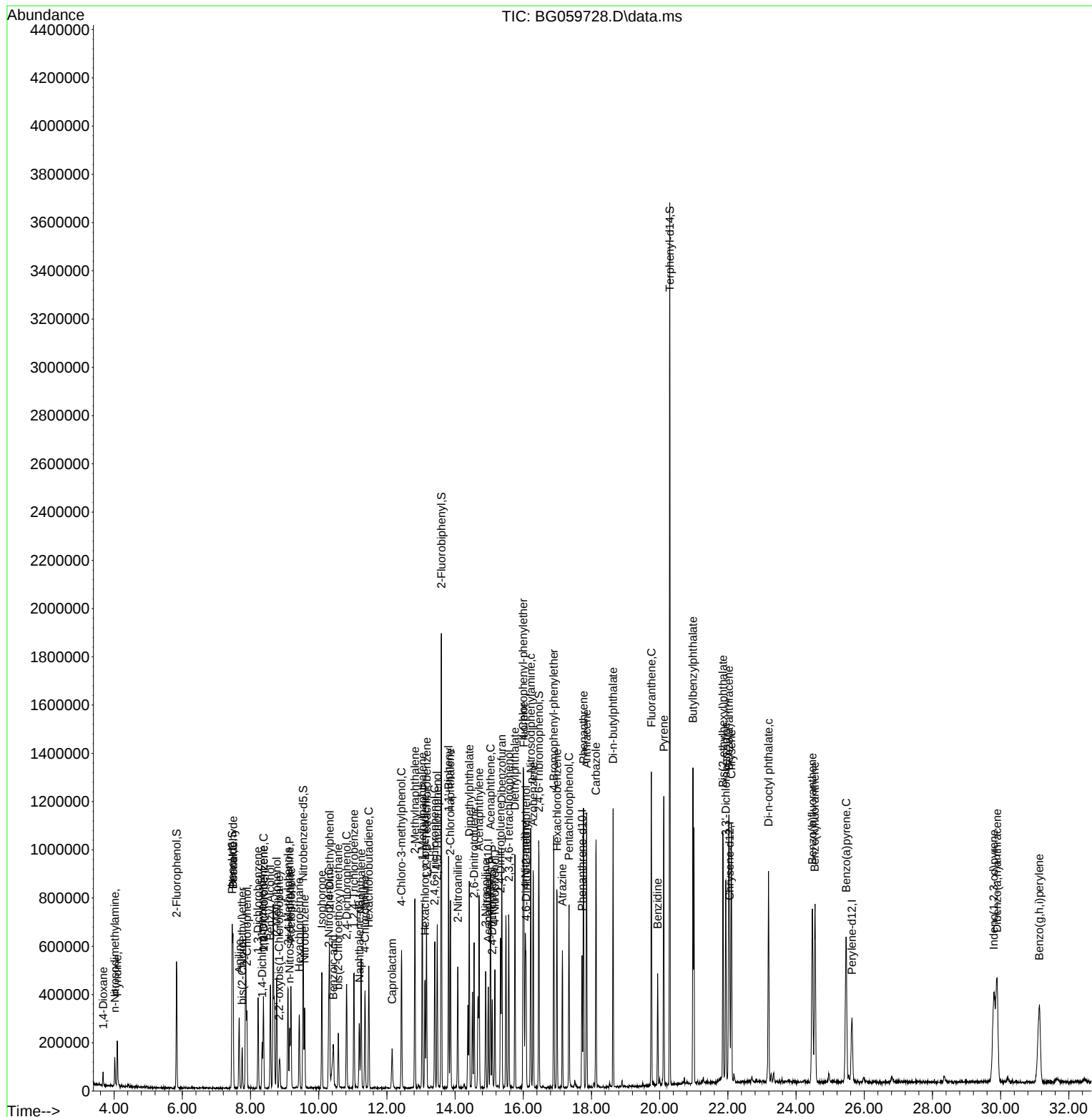
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059728.D
Acq On : 17 Nov 2023 12:04
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

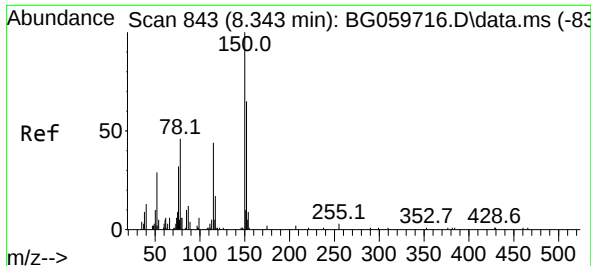
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 17 12:38:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

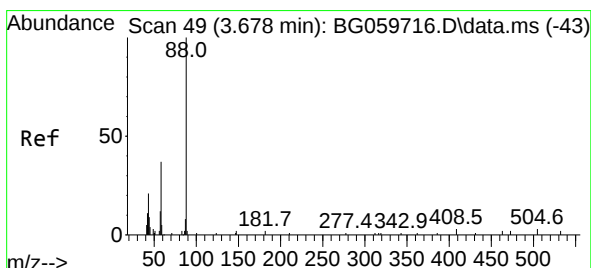
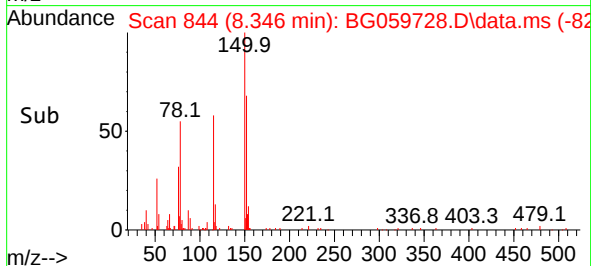
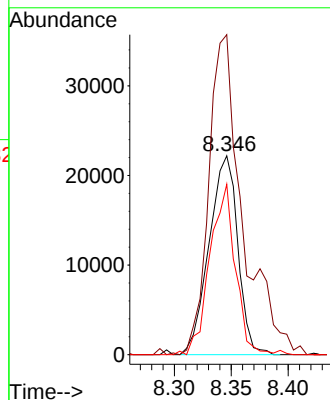
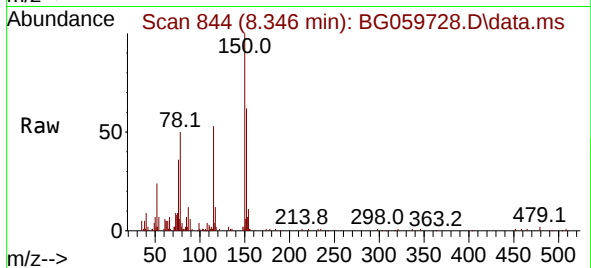
SSTDCCC040

Tgt Ion:152 Resp: 3902
Ion Ratio Lower Upper
152 100
150 160.9 122.2 183.4
115 85.7 54.2 81.4

Manual Integrations

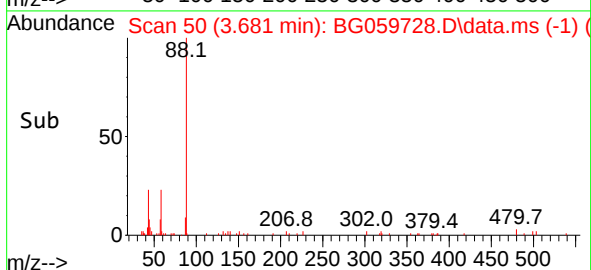
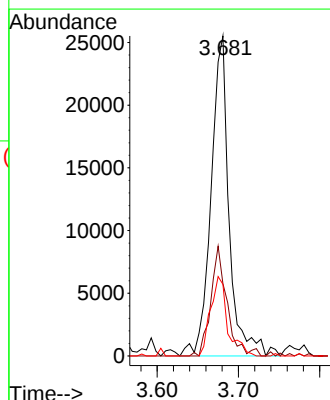
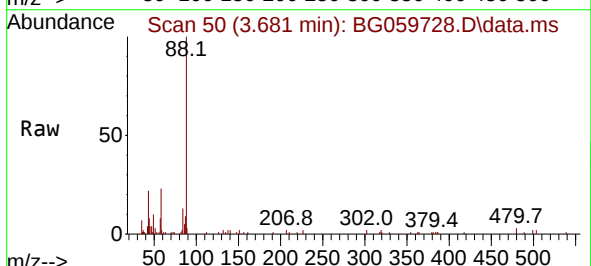
APPROVED

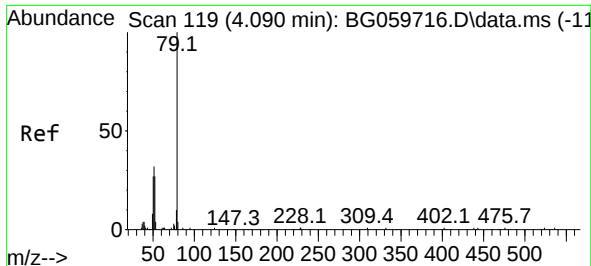
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#2
1,4-Dioxane
Concen: 36.293 ng
RT: 3.681 min Scan# 50
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 88 Resp: 39523
Ion Ratio Lower Upper
88 100
58 30.5 28.6 42.8
43 23.4 17.5 26.3





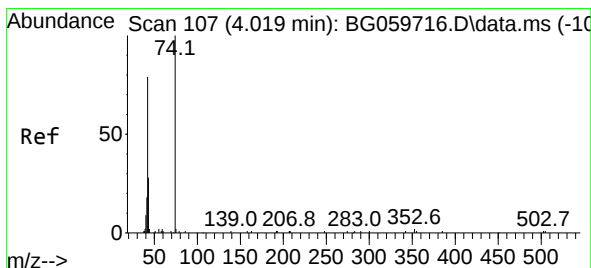
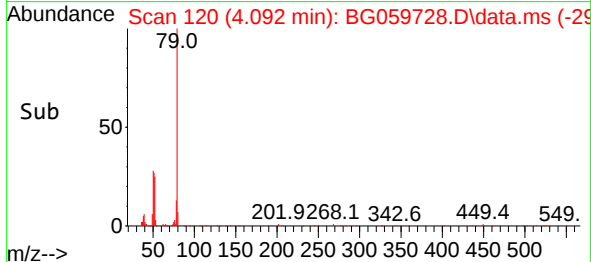
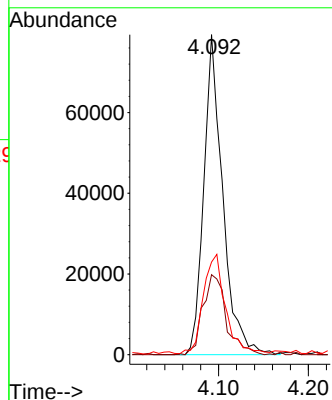
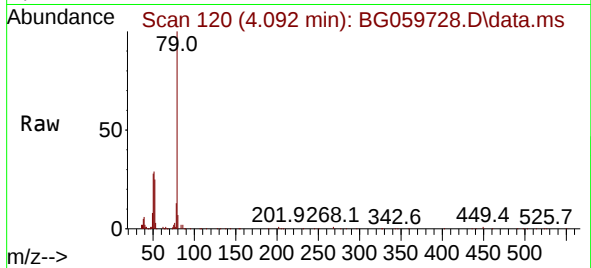
#3
Pyridine
Concen: 39.053 ng
RT: 4.092 min Scan# 119
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 116158
Ion Ratio Lower Upper
79 100
52 25.0 21.6 32.4
51 29.0 25.3 37.9

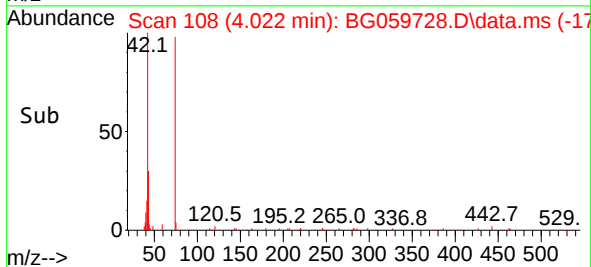
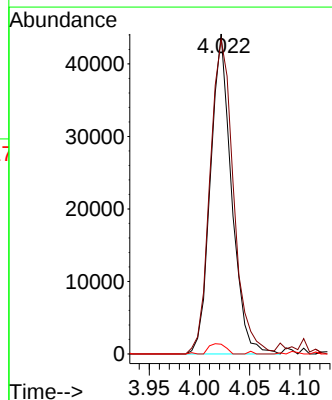
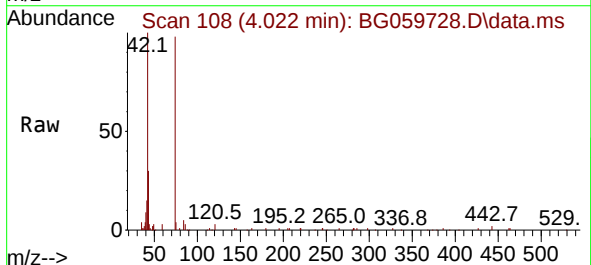
Manual Integrations
APPROVED

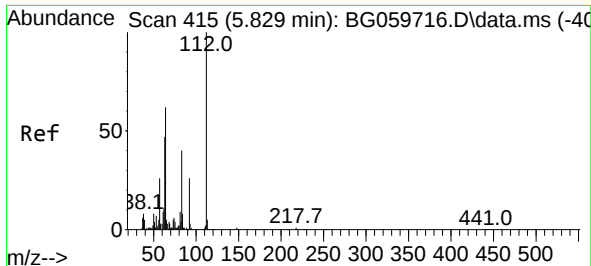
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#4
n-Nitrosodimethylamine
Concen: 40.765 ng
RT: 4.022 min Scan# 108
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 42 Resp: 64504
Ion Ratio Lower Upper
42 100
74 98.3 101.2 151.8#
44 3.1 2.4 3.6





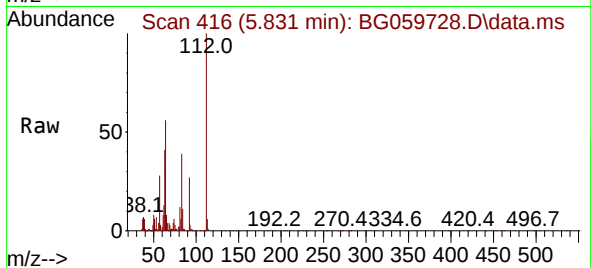
#5
2-Fluorophenol
Concen: 81.262 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



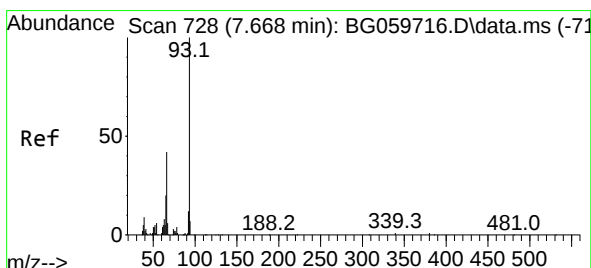
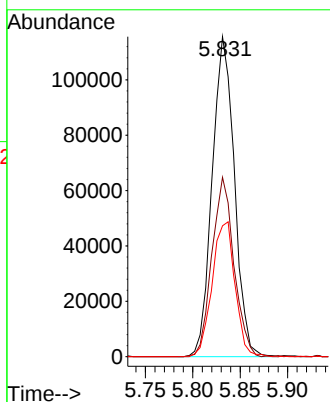
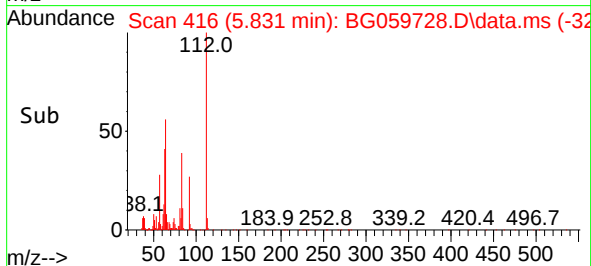
Tgt Ion:112 Resp: 18841
Ion Ratio Lower Upper
112 100
64 56.0 49.5 74.3
63 40.9 37.4 56.2

Manual Integrations

APPROVED

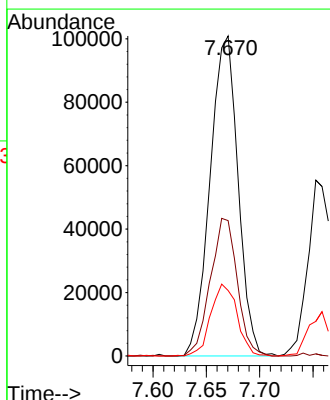
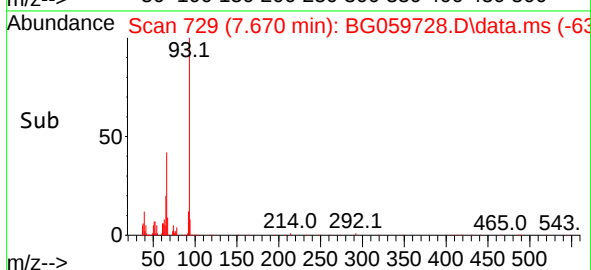
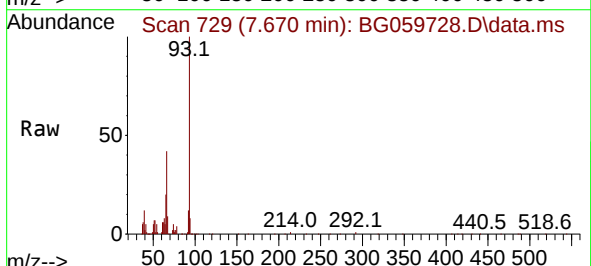
Reviewed By :Yogesh Patel 11/19/2023

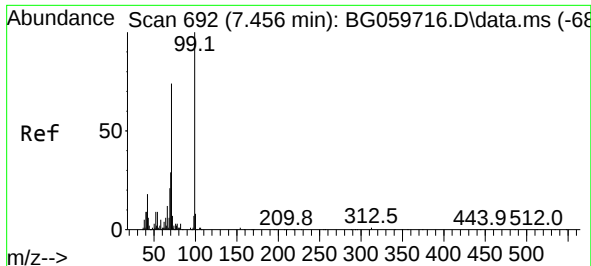
Supervised By :mohammad ahmed 11/21/2023



#6
Aniline
Concen: 40.497 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 93 Resp: 183633
Ion Ratio Lower Upper
93 100
66 42.3 33.9 50.9
65 20.5 15.8 23.8





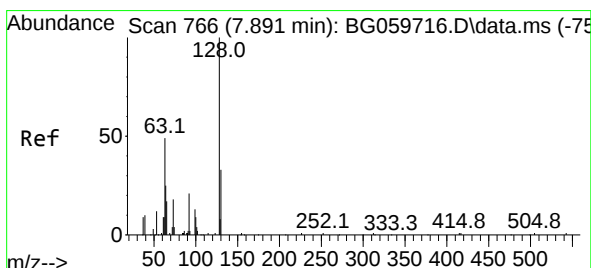
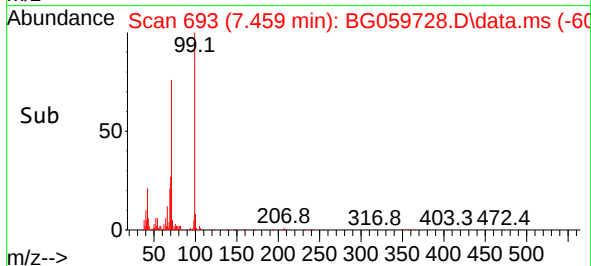
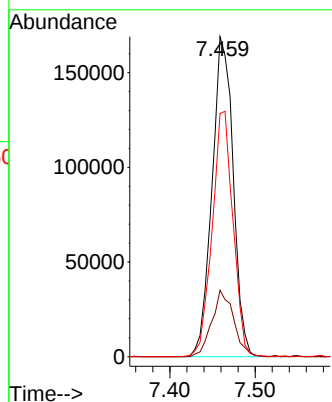
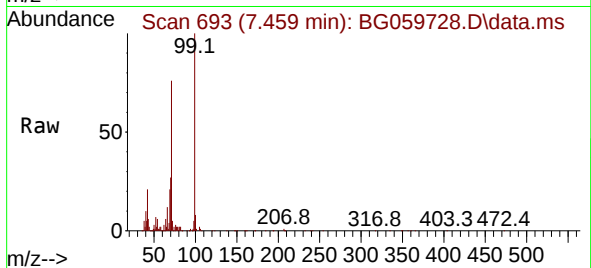
#7
Phenol-d6
Concen: 84.634 ng
RT: 7.459 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 29079
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 75.9 59.3 88.9

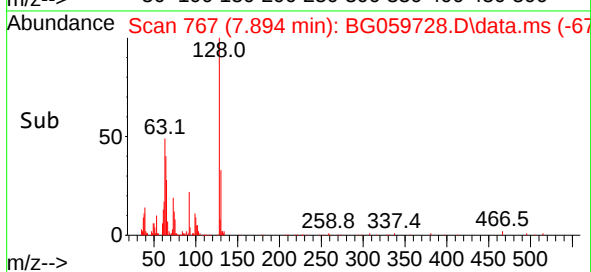
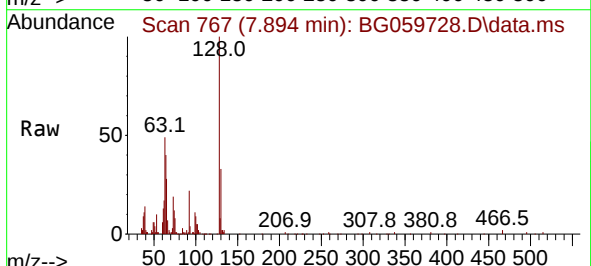
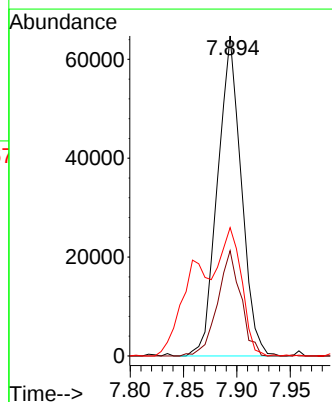
Manual Integrations
APPROVED

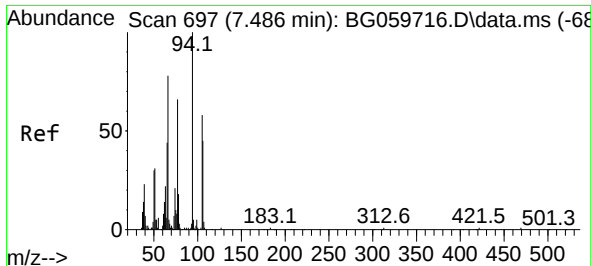
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#8
2-Chlorophenol
Concen: 39.705 ng
RT: 7.894 min Scan# 767
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:128 Resp: 99872
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 40.1 27.0 67.0





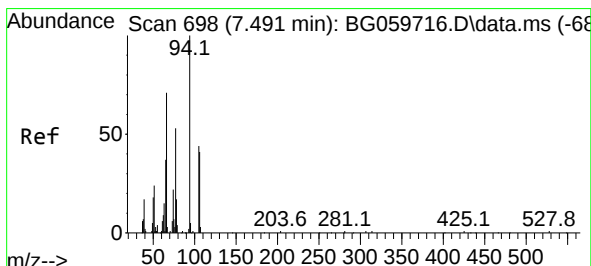
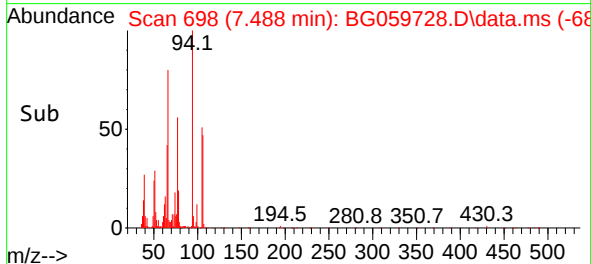
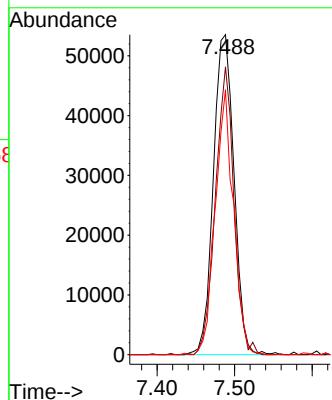
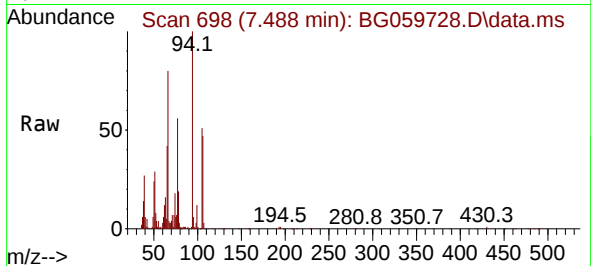
#9
Benzaldehyde
Concen: 42.698 ng
RT: 7.488 min Scan# 697
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 9916
Ion Ratio Lower Upper
77 100
105 90.0 68.0 108.0
106 82.8 48.1 88.1

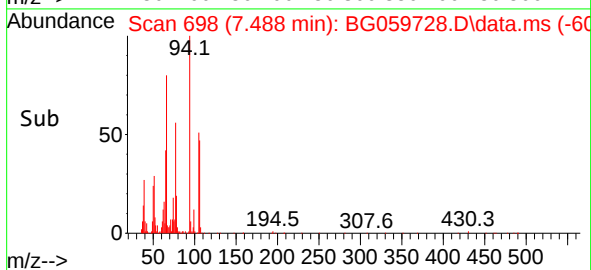
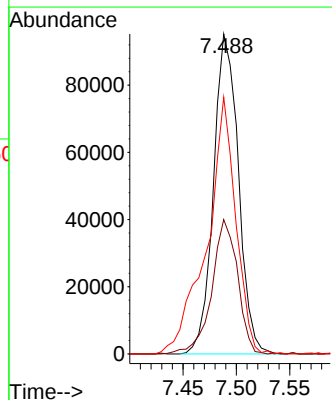
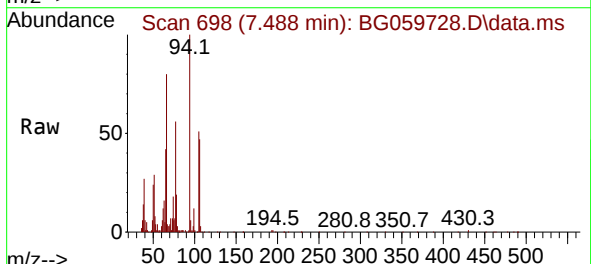
Manual Integrations
APPROVED

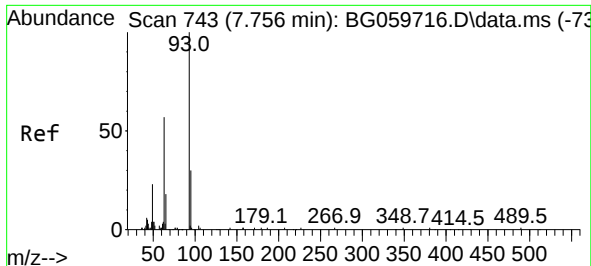
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#10
Phenol
Concen: 43.601 ng
RT: 7.488 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

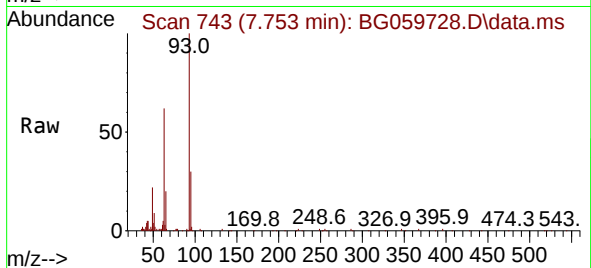
Tgt Ion: 94 Resp: 154398
Ion Ratio Lower Upper
94 100
65 42.0 18.1 58.1
66 80.3 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 39.354 ng
RT: 7.753 min Scan# 74
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

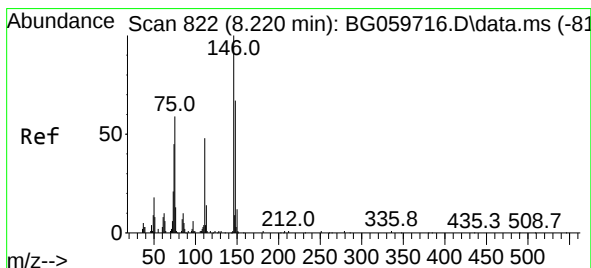
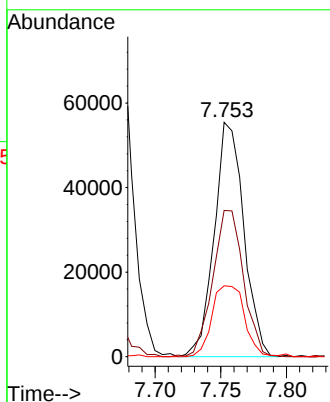
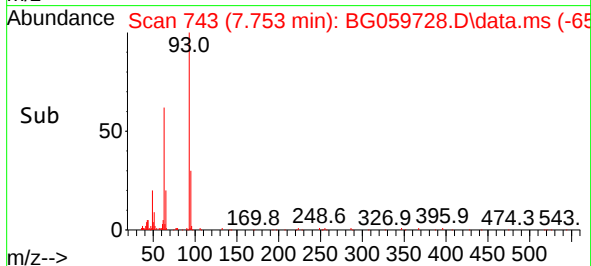
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 86754
Ion Ratio Lower Upper
93 100
63 62.4 37.2 77.2
95 30.3 10.2 50.2

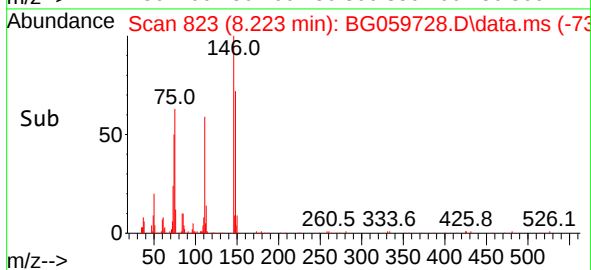
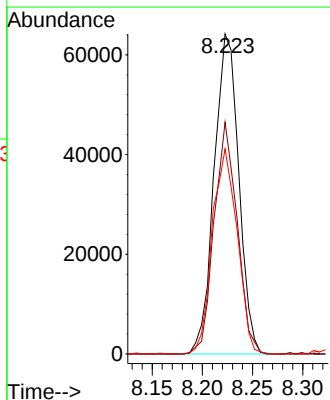
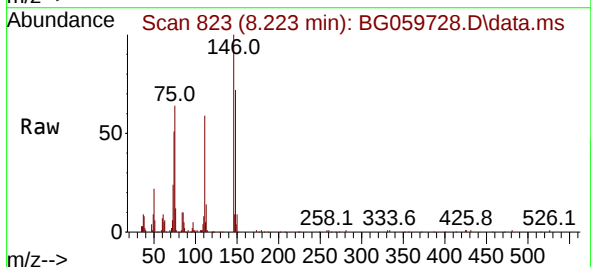
Manual Integrations
APPROVED

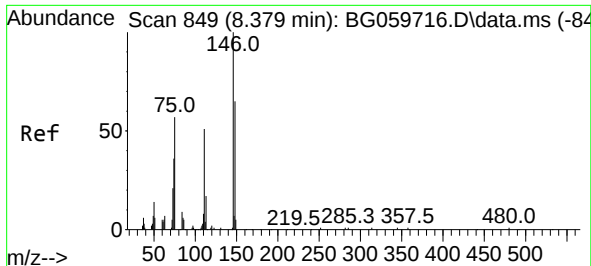
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#12
1,3-Dichlorobenzene
Concen: 39.160 ng
RT: 8.223 min Scan# 823
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:146 Resp: 109410
Ion Ratio Lower Upper
146 100
148 72.4 53.9 80.9
75 64.1 47.5 71.3





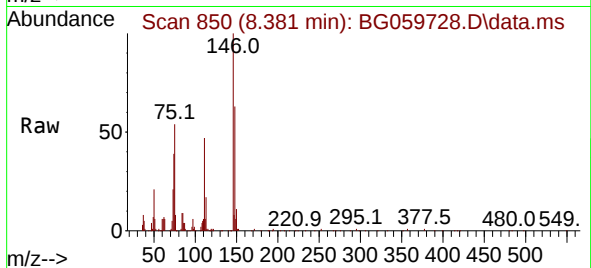
#13
1,4-Dichlorobenzene
Concen: 40.768 ng
RT: 8.381 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

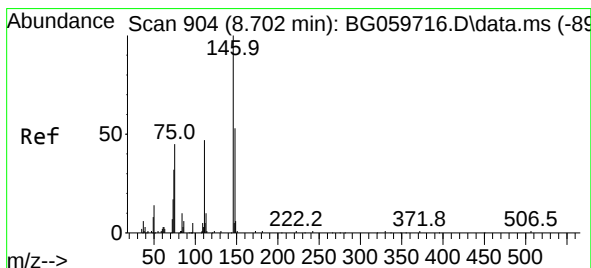
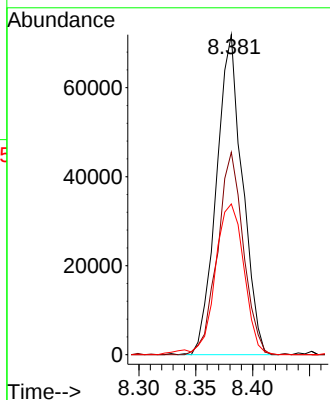
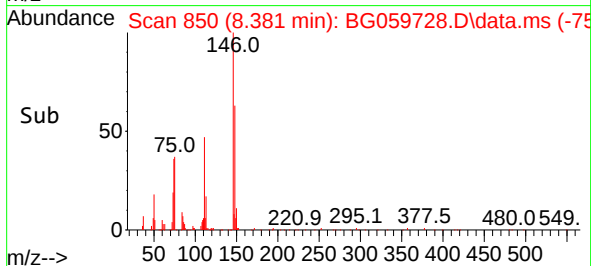


Tgt Ion:146 Resp: 114384
Ion Ratio Lower Upper
146 100
148 63.2 52.3 78.5
111 47.1 41.2 61.8

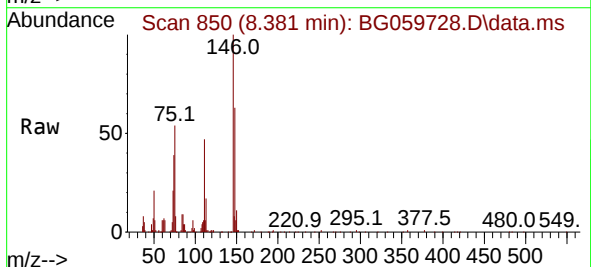
Manual Integrations

APPROVED

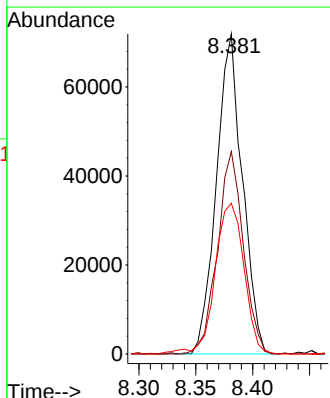
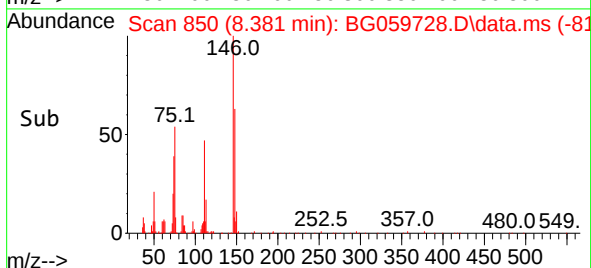
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

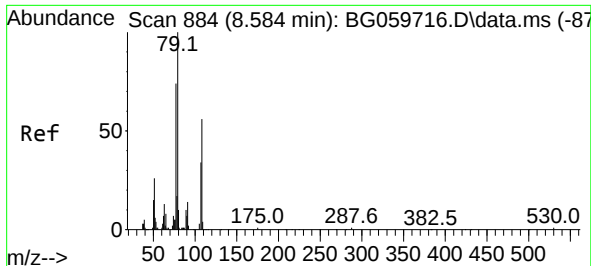


#14
1,2-Dichlorobenzene
Concen: 41.035 ng
RT: 8.381 min Scan# 850
Delta R.T. -0.321 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:146 Resp: 114384
Ion Ratio Lower Upper
146 100
148 63.2 43.1 64.7
111 47.1 38.3 57.5





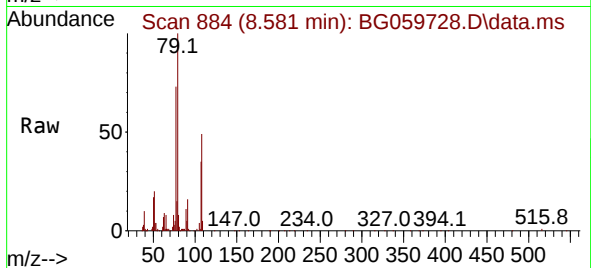
#15
Benzyl Alcohol
Concen: 42.436 ng
RT: 8.581 min Scan# 884
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



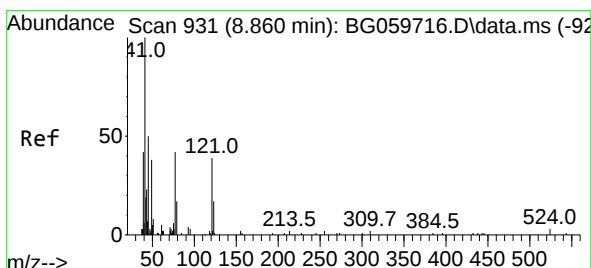
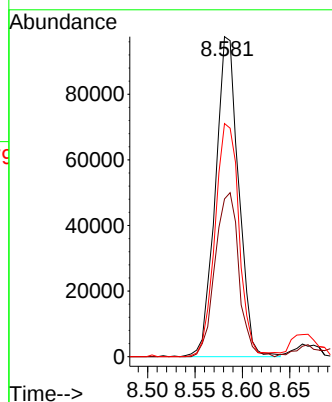
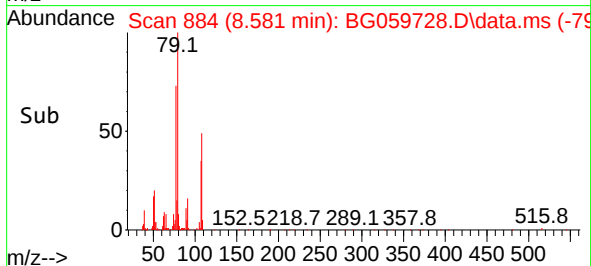
Tgt Ion: 79 Resp: 166270
Ion Ratio Lower Upper
79 100
108 49.3 45.4 68.2
77 72.8 59.4 89.2

Manual Integrations

APPROVED

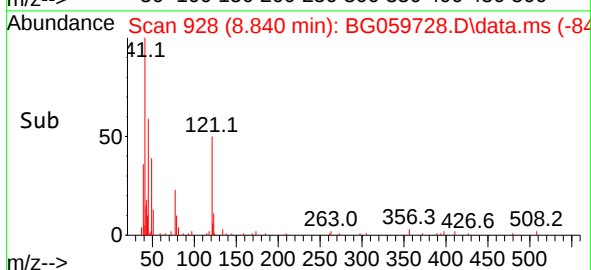
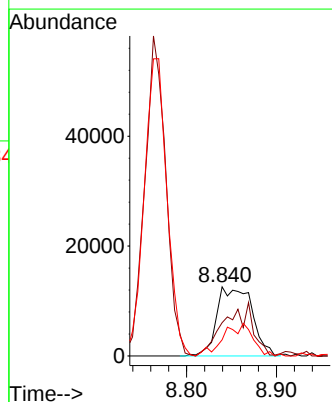
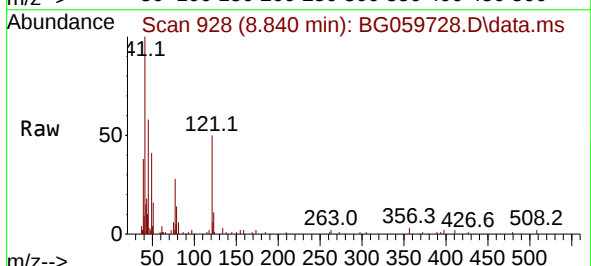
Reviewed By :Yogesh Patel 11/19/2023

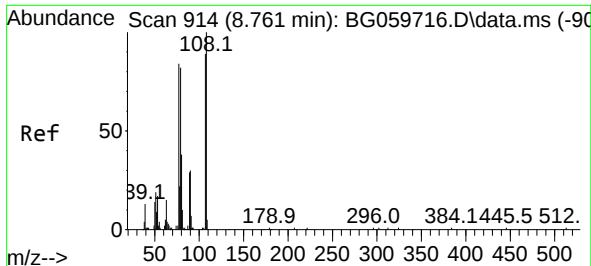
Supervised By :mohammad ahmed 11/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.128 ng
RT: 8.840 min Scan# 928
Delta R.T. -0.021 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 45 Resp: 34168
Ion Ratio Lower Upper
45 100
77 48.2 63.6 103.6#
79 23.4 19.6 59.6





#17
2-Methylphenol
Concen: 41.205 ng
RT: 8.769 min Scan# 914
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

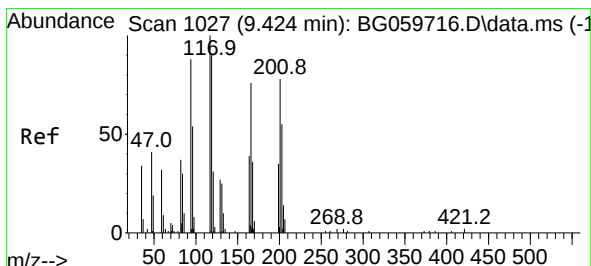
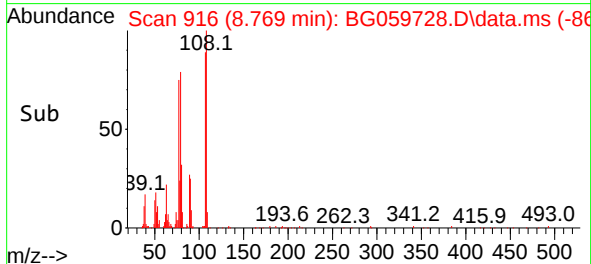
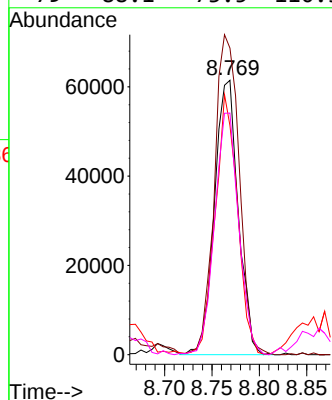
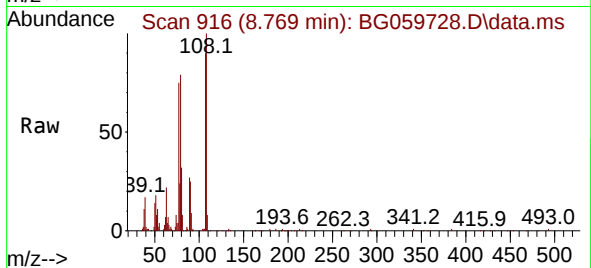
SSTDCCC040

Tgt Ion:107 Resp: 107470
Ion Ratio Lower Upper
107 100
108 111.7 90.0 135.0
77 83.5 76.5 114.7
79 88.1 73.5 110.3

Manual Integrations

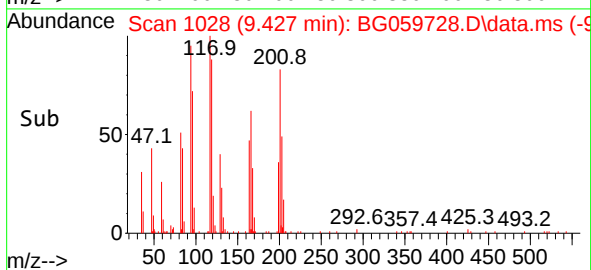
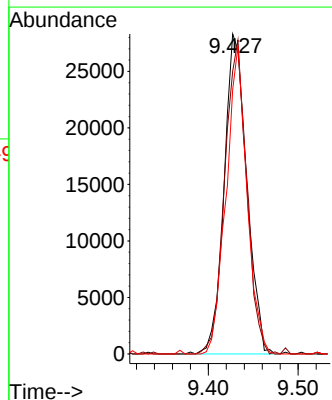
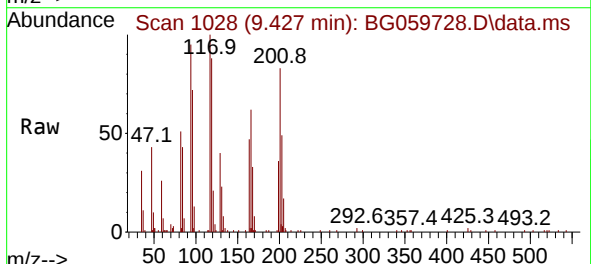
APPROVED

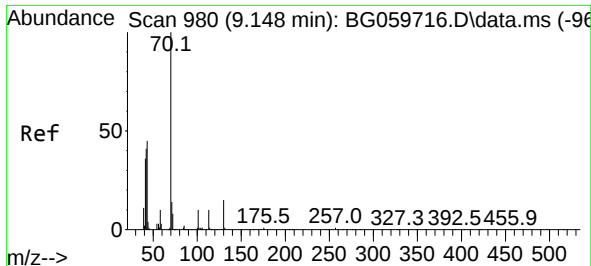
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#18
Hexachloroethane
Concen: 41.519 ng
RT: 9.427 min Scan# 1028
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

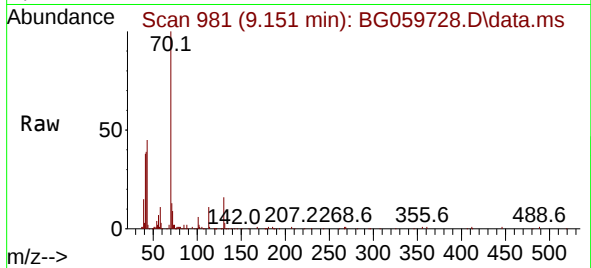
Tgt Ion:117 Resp: 49443
Ion Ratio Lower Upper
117 100
119 88.3 71.8 107.8
201 82.6 62.2 93.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.542 ng
RT: 9.151 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

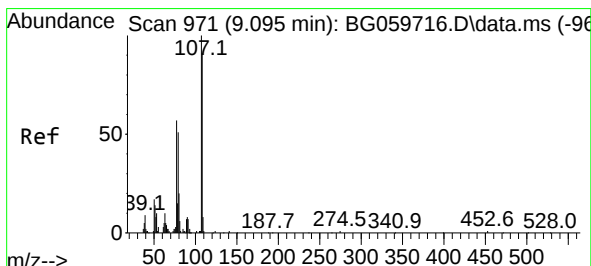
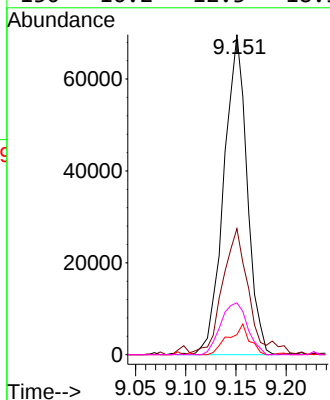
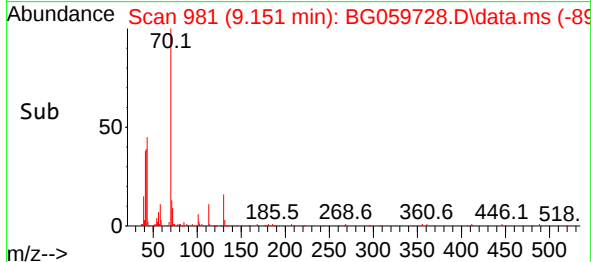
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



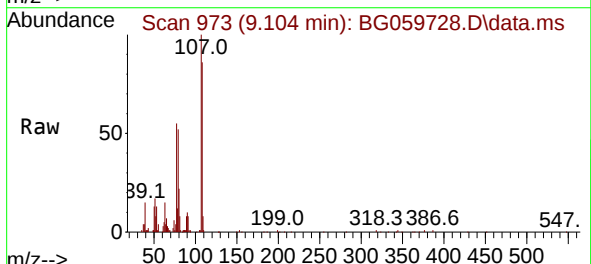
Tgt Ion: 70 Resp: 11240
Ion Ratio Lower Upper
70 100
42 39.4 32.8 49.2
101 6.2 7.7 11.5
130 16.2 12.3 18.5

Manual Integrations
APPROVED

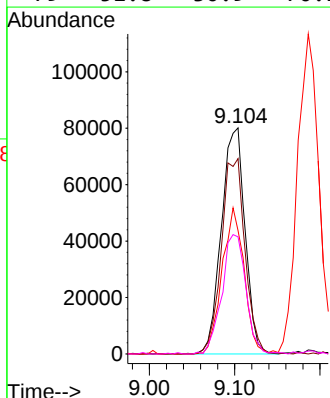
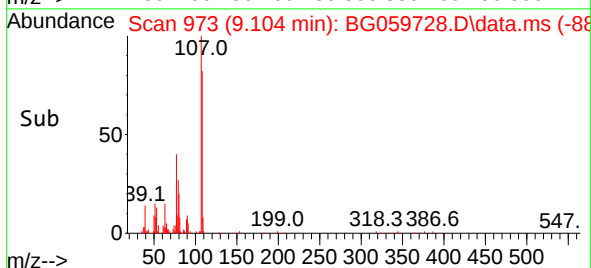
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

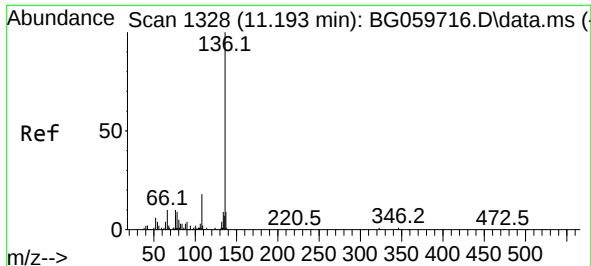


#20
3+4-Methylphenols
Concen: 42.661 ng
RT: 9.104 min Scan# 973
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:107 Resp: 154474
Ion Ratio Lower Upper
107 100
108 86.4 71.1 111.1
77 54.6 37.5 77.5
79 51.8 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

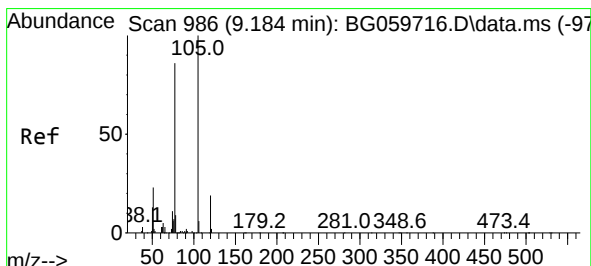
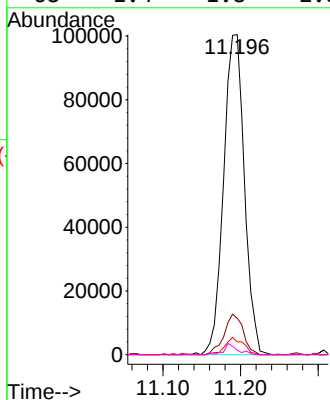
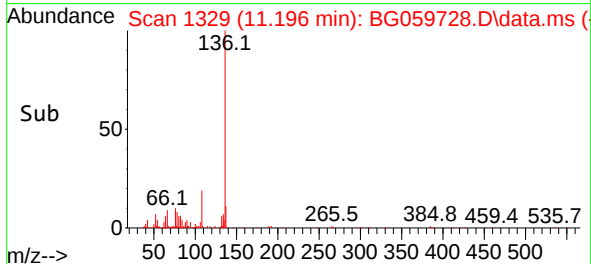
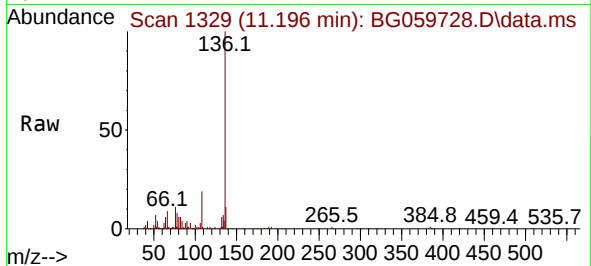
ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 18716
Ion Ratio Lower Upper
136 100
137 11.4 7.4 11.0#
54 4.0 3.1 4.7
68 1.4 1.8 2.8#

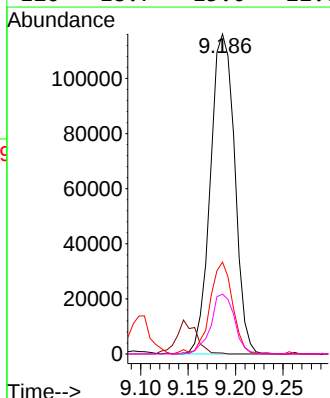
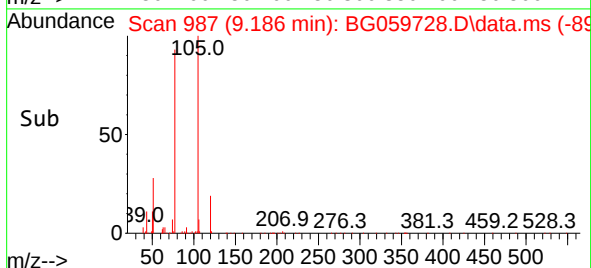
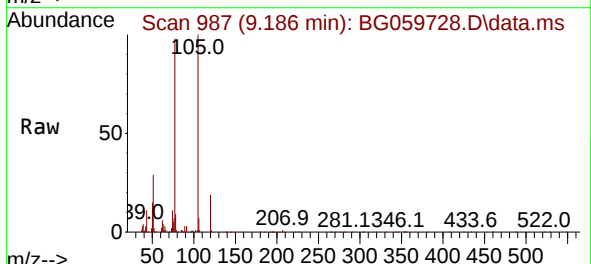
Manual Integrations
APPROVED

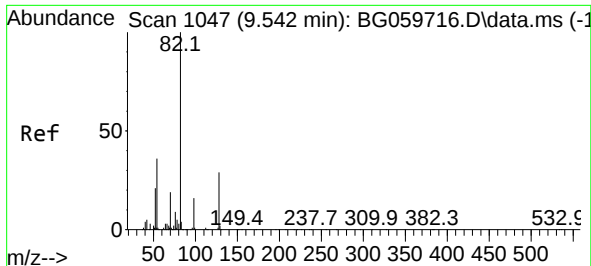
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#22
Acetophenone
Concen: 39.042 ng
RT: 9.186 min Scan# 987
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:105 Resp: 206880
Ion Ratio Lower Upper
105 100
71 0.3 0.0 0.0#
51 28.7 18.4 27.6#
120 18.7 15.0 22.6





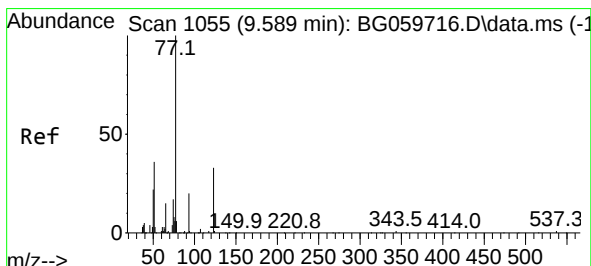
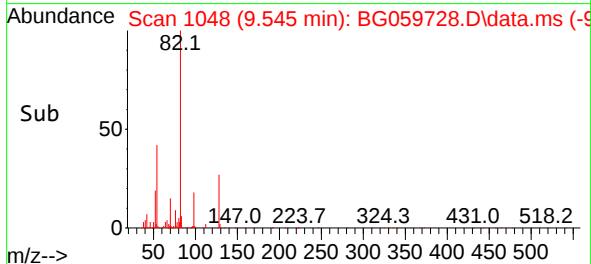
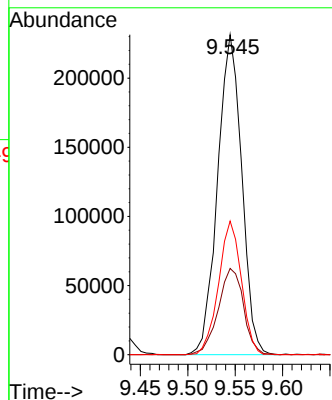
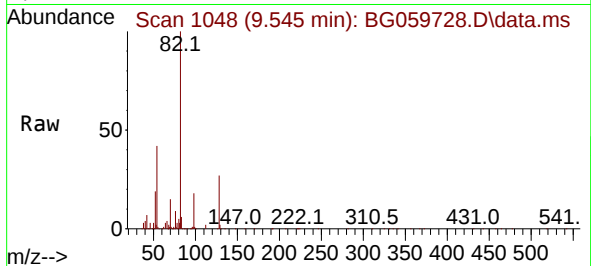
#23
Nitrobenzene-d5
Concen: 83.709 ng
RT: 9.545 min Scan# 1047
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 41023
Ion Ratio Lower Upper
82 100
128 27.0 23.0 34.6
54 41.8 28.7 43.1

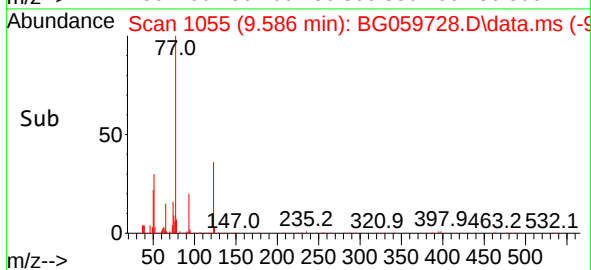
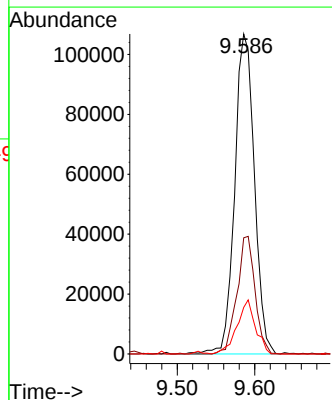
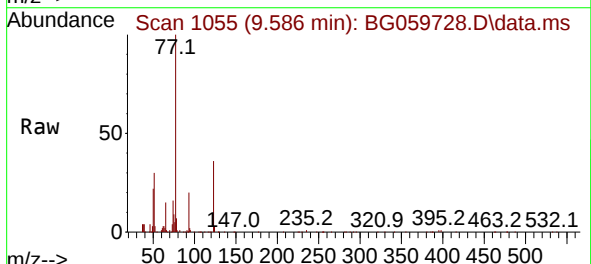
Manual Integrations
APPROVED

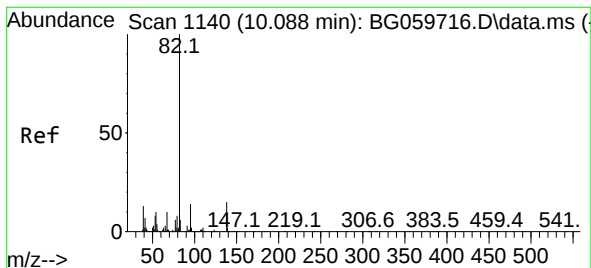
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#24
Nitrobenzene
Concen: 41.687 ng
RT: 9.586 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 77 Resp: 188152
Ion Ratio Lower Upper
77 100
123 36.3 26.1 39.1
65 14.5 12.1 18.1





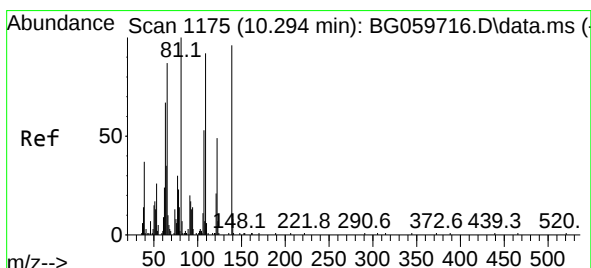
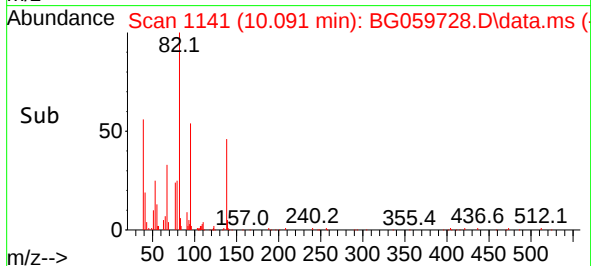
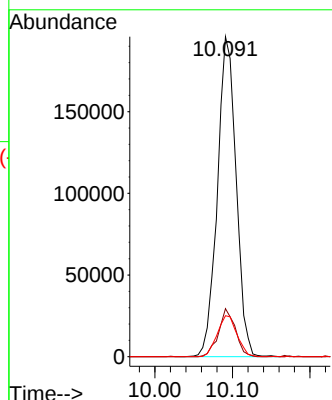
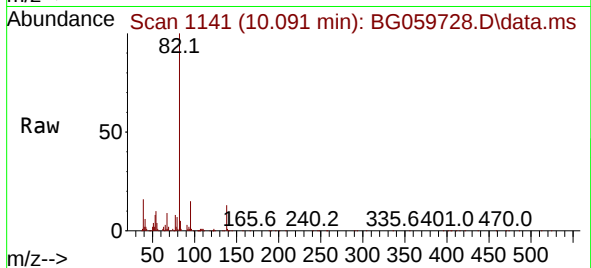
#25
Isophorone
Concen: 40.087 ng
RT: 10.091 min Scan# 1140
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 32981
Ion Ratio Lower Upper
82 100
95 15.0 11.4 17.0
138 12.8 12.1 18.1

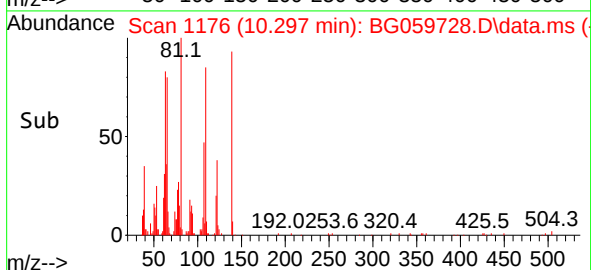
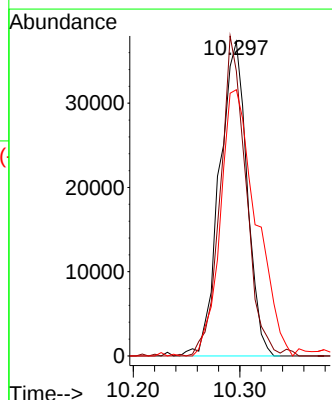
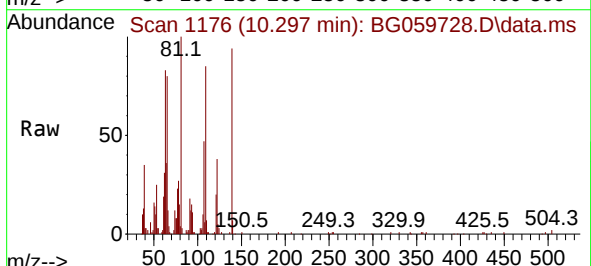
Manual Integrations
APPROVED

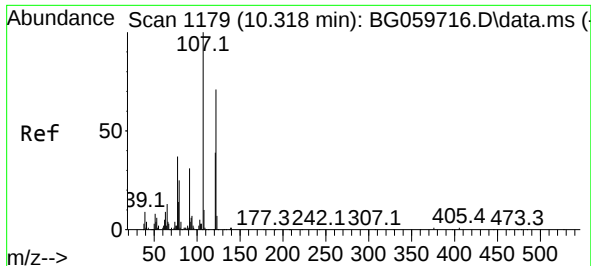
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#26
2-Nitrophenol
Concen: 40.502 ng
RT: 10.297 min Scan# 1176
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:139 Resp: 67021
Ion Ratio Lower Upper
139 100
109 90.7 76.7 115.1
65 84.8 72.1 108.1





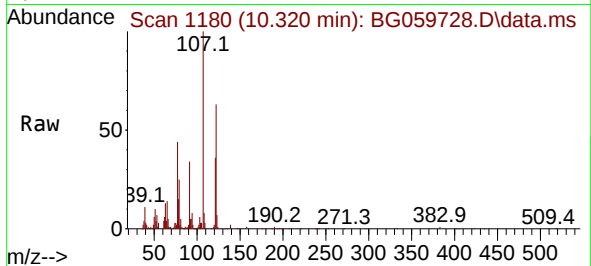
#27
2,4-Dimethylphenol
Concen: 38.832 ng
RT: 10.320 min Scan# 1179
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



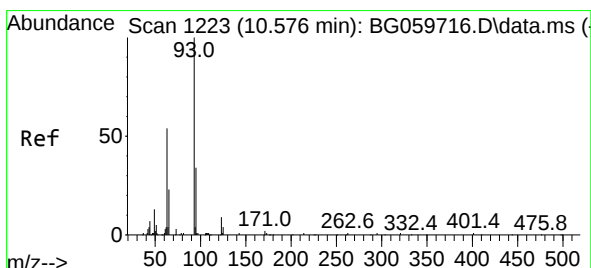
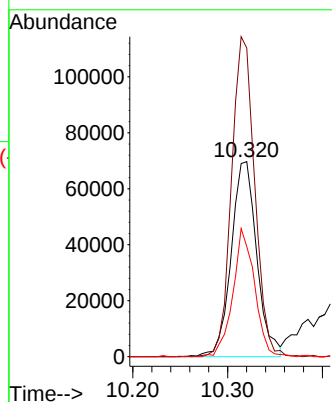
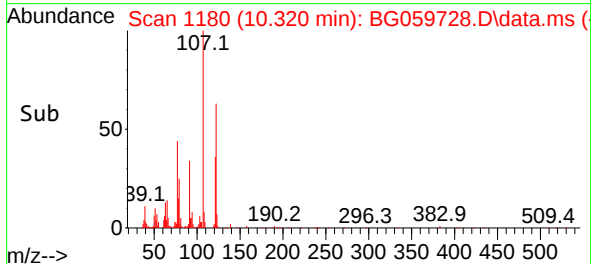
Tgt Ion:122 Resp: 130648
Ion Ratio Lower Upper
122 100
107 158.2 112.1 168.1
121 56.5 43.2 64.8

Manual Integrations

APPROVED

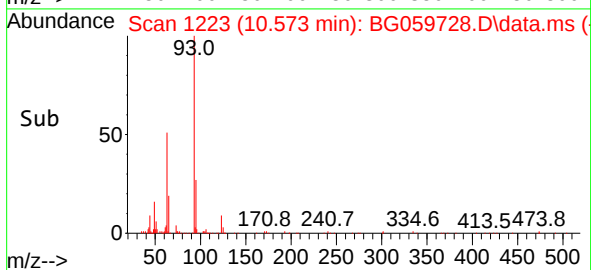
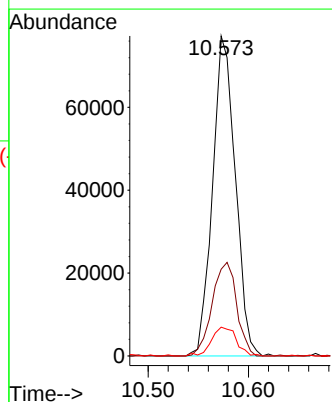
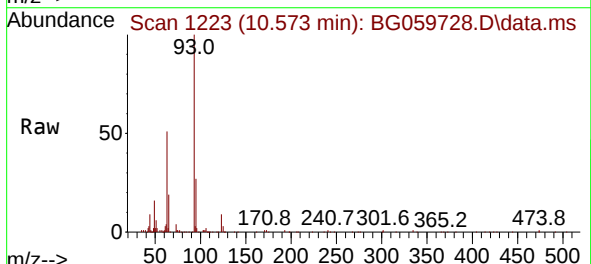
Reviewed By :Yogesh Patel 11/19/2023

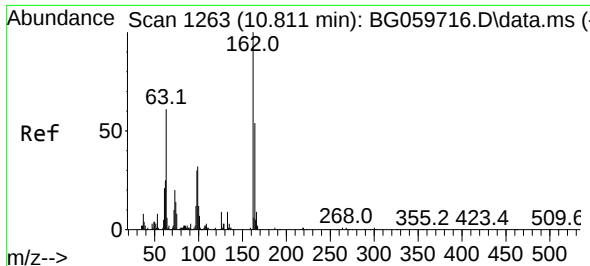
Supervised By :mohammad ahmed 11/21/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.316 ng
RT: 10.573 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 93 Resp: 121553
Ion Ratio Lower Upper
93 100
95 27.1 27.0 40.6
123 9.0 7.6 11.4





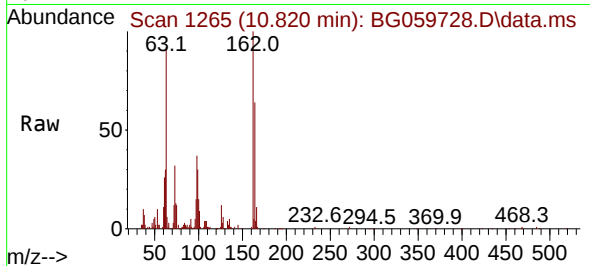
#29
2,4-Dichlorophenol
Concen: 40.832 ng
RT: 10.820 min Scan# 1263
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



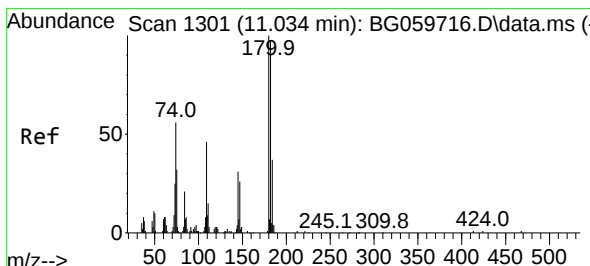
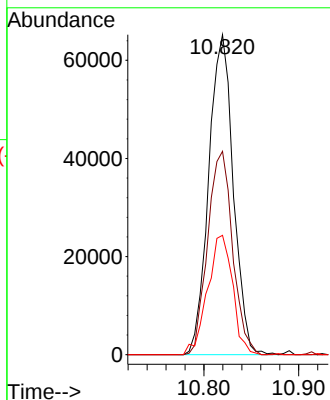
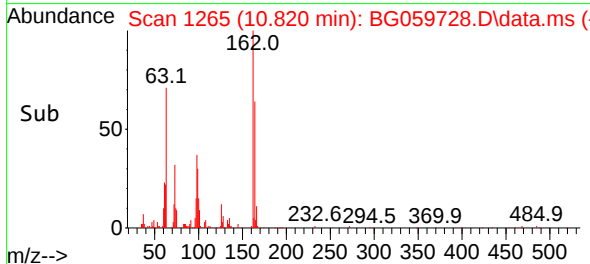
Tgt Ion:162 Resp: 117289
Ion Ratio Lower Upper
162 100
164 63.6 33.6 73.6
98 37.3 10.7 50.7

Manual Integrations

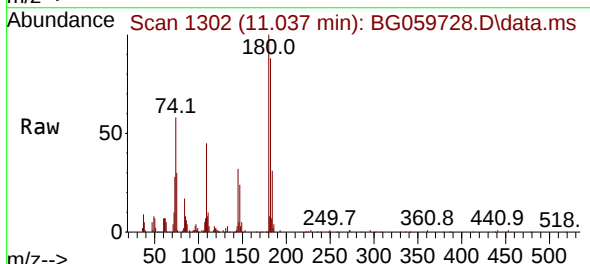
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

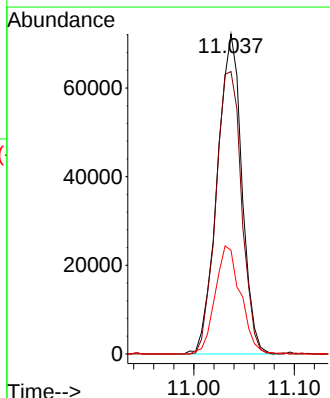
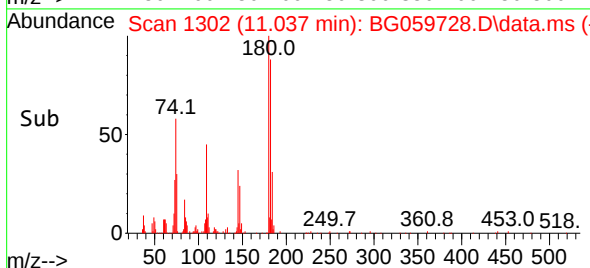
Supervised By :mohammad ahmed 11/21/2023

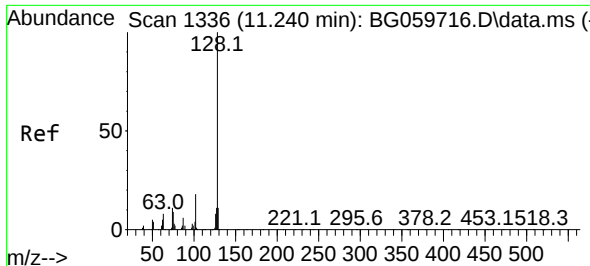


#30
1,2,4-Trichlorobenzene
Concen: 42.364 ng
RT: 11.037 min Scan# 1302
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:180 Resp: 122986
Ion Ratio Lower Upper
180 100
182 88.3 77.4 116.2
145 32.4 24.4 36.6





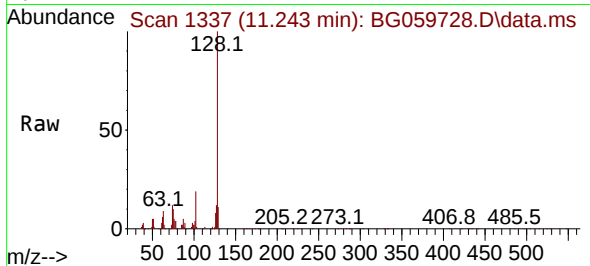
#31
Naphthalene
Concen: 40.500 ng
RT: 11.243 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



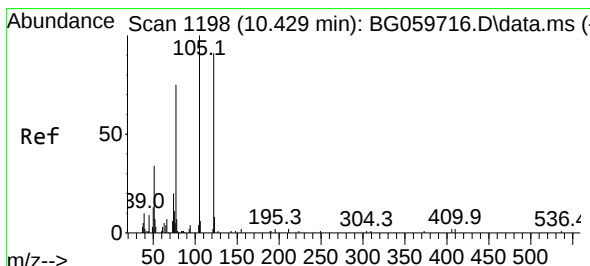
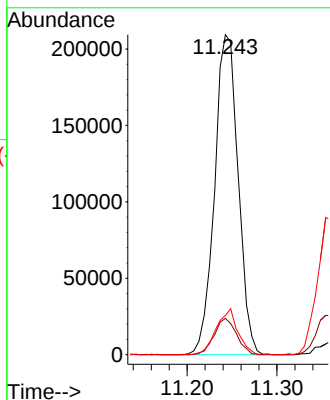
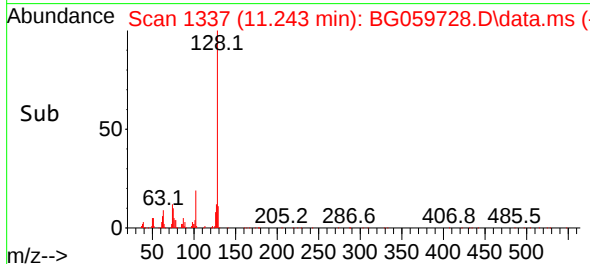
Tgt Ion:128 Resp: 381170
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.3 9.2 13.8

Manual Integrations

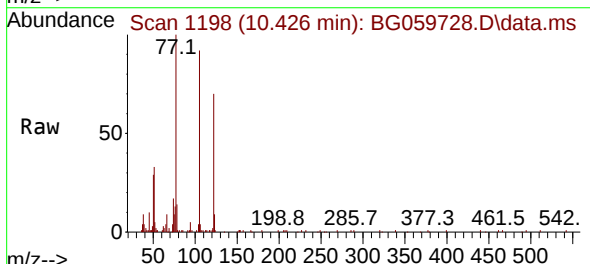
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

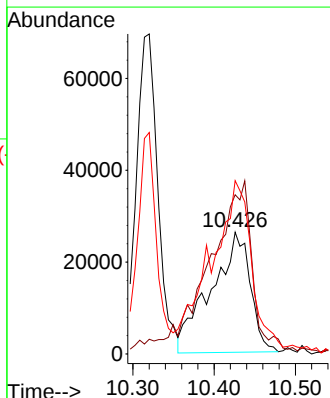
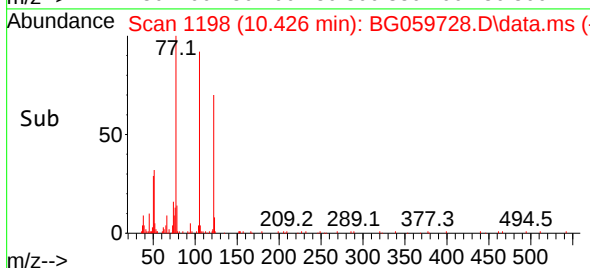
Supervised By :mohammad ahmed 11/21/2023

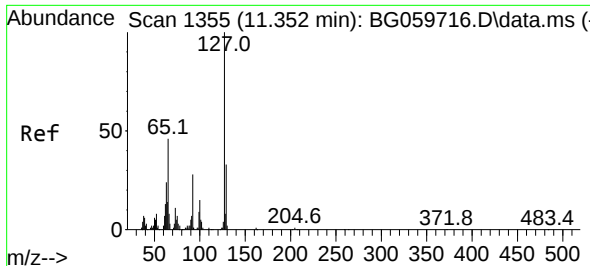


#32
Benzoic acid
Concen: 38.259 ng
RT: 10.426 min Scan# 1198
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:122 Resp: 87602
Ion Ratio Lower Upper
122 100
105 130.8 103.7 143.7
77 142.4 82.3 122.3#





#33
4-Chloroaniline
Concen: 40.124 ng
RT: 11.354 min Scan# 1135
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

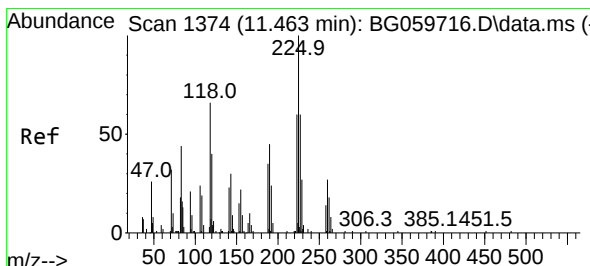
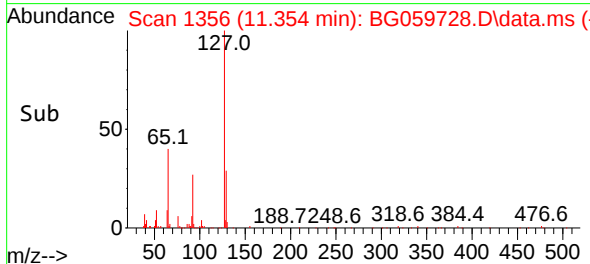
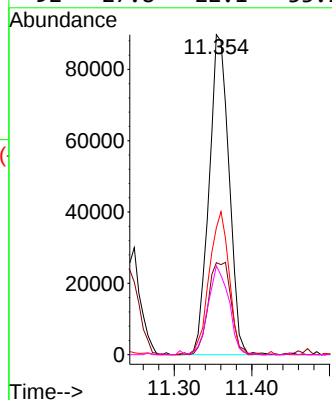
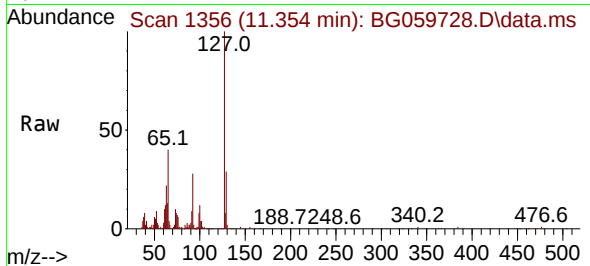
Tgt Ion:127 Resp: 16062
Ion Ratio Lower Upper
127 100
129 28.8 26.8 40.2
65 39.7 36.5 54.7
92 27.8 22.1 33.1

Manual Integrations

APPROVED

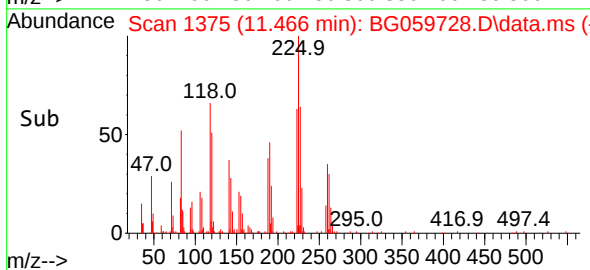
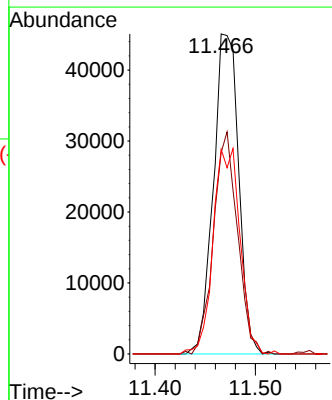
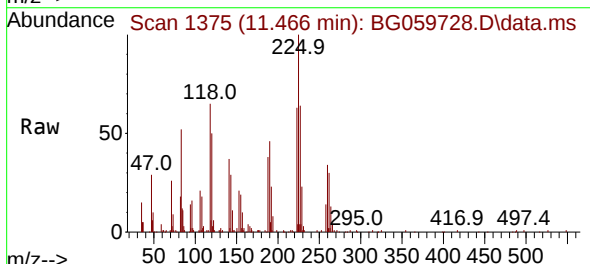
Reviewed By :Yogesh Patel 11/19/2023

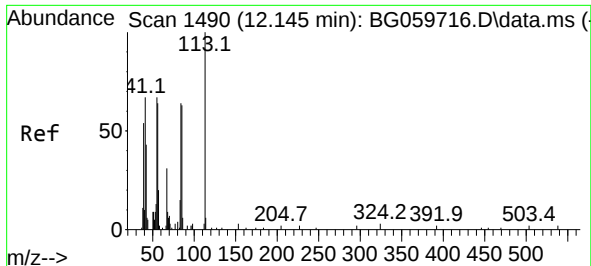
Supervised By :mohammad ahmed 11/21/2023



#34
Hexachlorobutadiene
Concen: 39.842 ng
RT: 11.466 min Scan# 1375
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:225 Resp: 78719
Ion Ratio Lower Upper
225 100
223 62.9 46.6 69.8
227 63.9 48.2 72.2





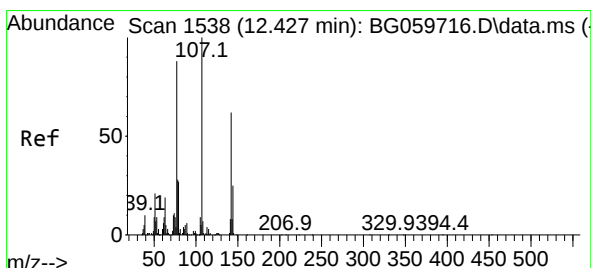
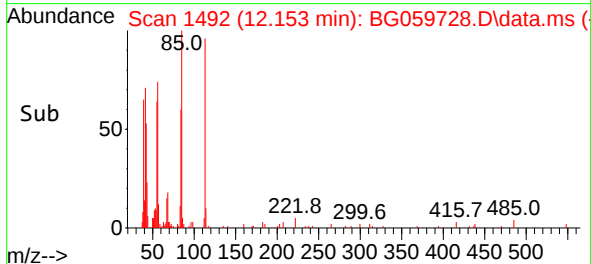
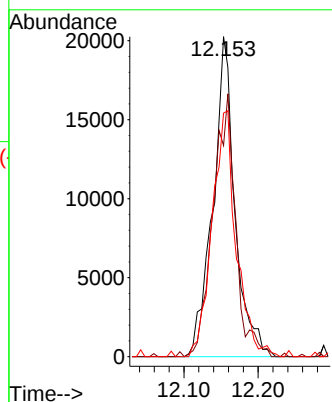
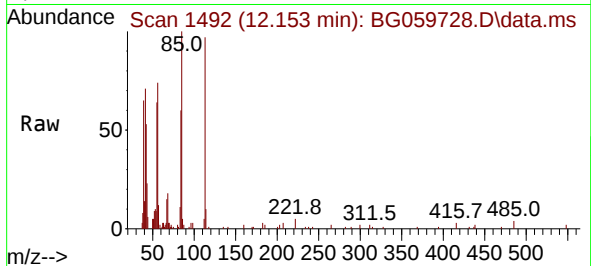
#35
Caprolactam
Concen: 39.760 ng
RT: 12.153 min Scan# 1490
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 4174
Ion Ratio Lower Upper
113 100
55 66.0 47.1 87.1
56 76.1 43.7 83.7

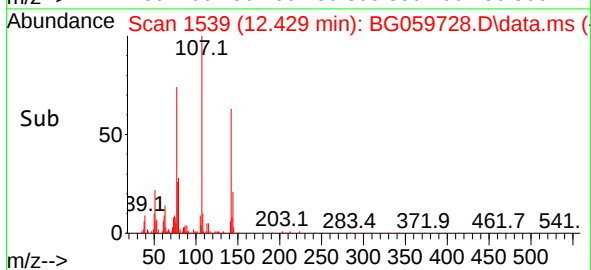
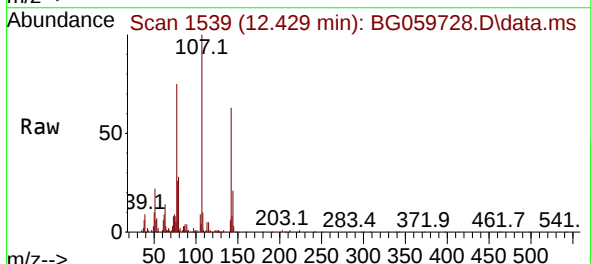
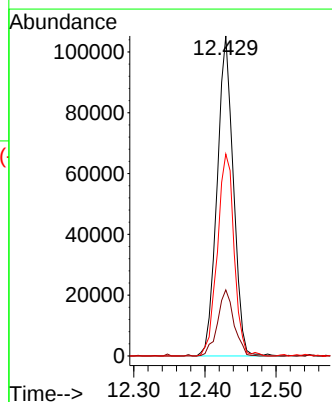
Manual Integrations
APPROVED

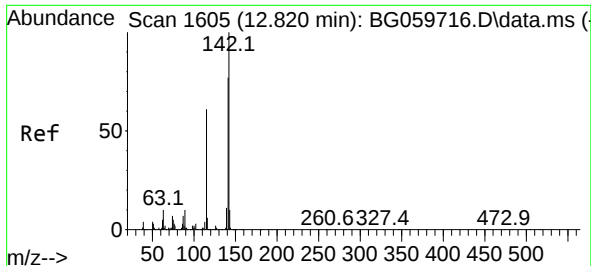
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#36
4-Chloro-3-methylphenol
Concen: 43.633 ng
RT: 12.429 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:107 Resp: 166686
Ion Ratio Lower Upper
107 100
144 20.6 20.2 30.4
142 63.1 49.4 74.0





#37
2-Methylnaphthalene
Concen: 39.820 ng
RT: 12.823 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

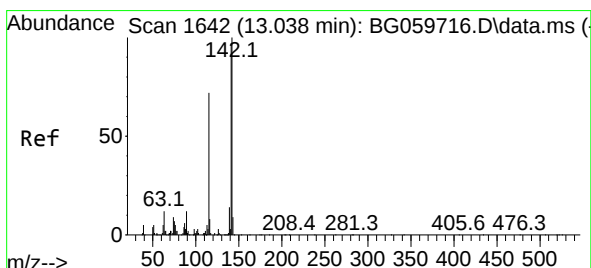
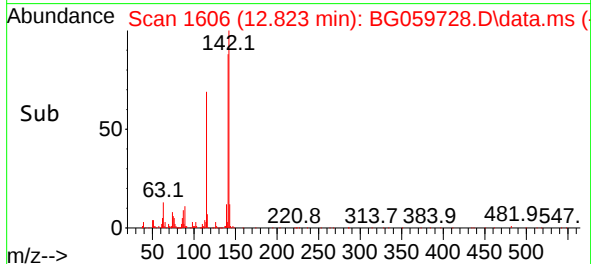
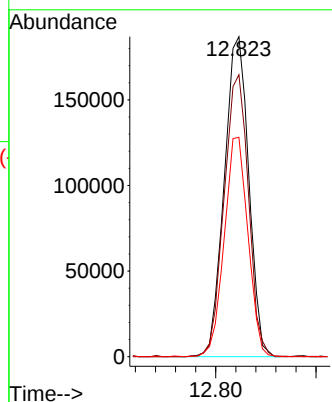
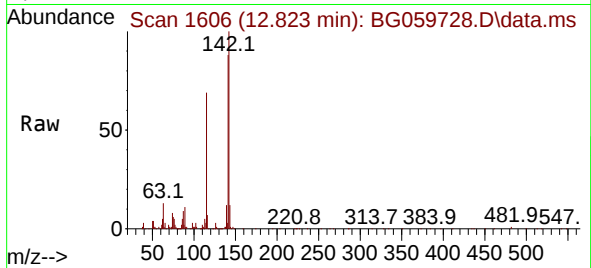
SSTDCCC040

Tgt Ion:142 Resp: 31564
Ion Ratio Lower Upper
142 100
141 88.1 61.9 92.9
115 68.5 49.0 73.4

Manual Integrations

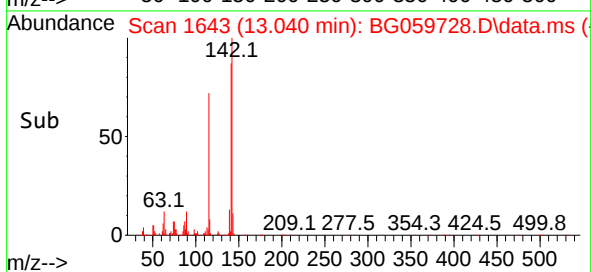
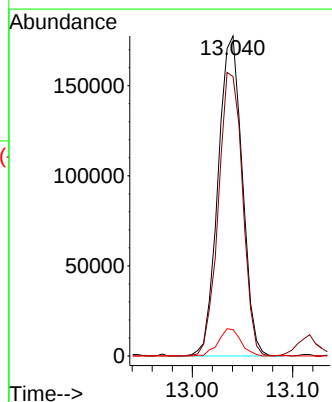
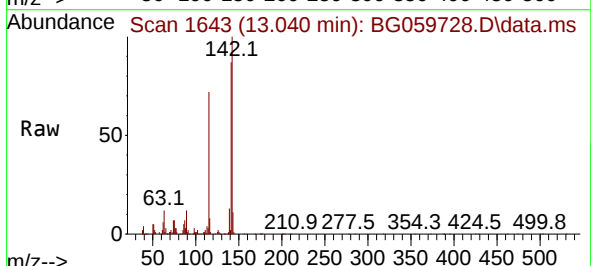
APPROVED

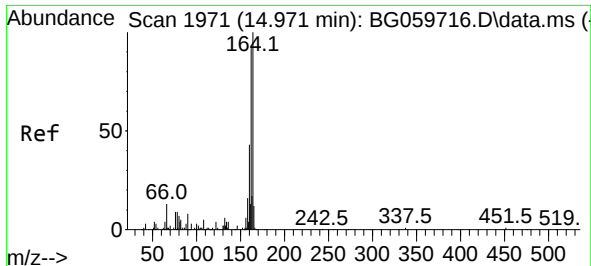
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#38
1-Methylnaphthalene
Concen: 40.665 ng
RT: 13.040 min Scan# 1643
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:142 Resp: 297259
Ion Ratio Lower Upper
142 100
141 87.3 77.8 116.8
116 8.3 6.2 9.2





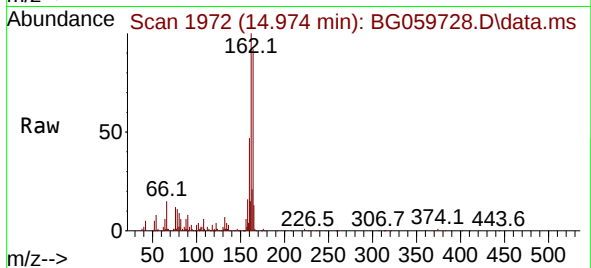
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

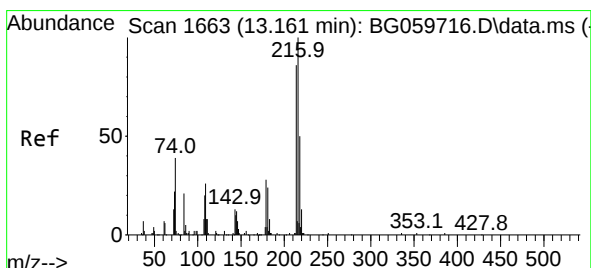
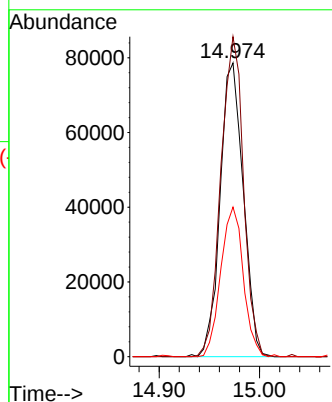
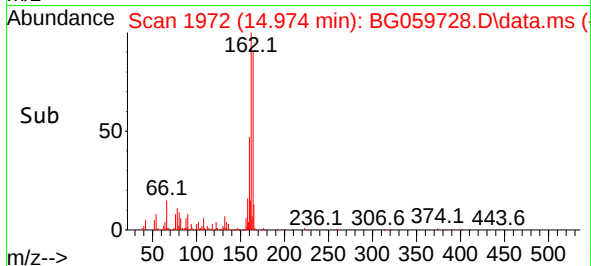
SSTDCCC040



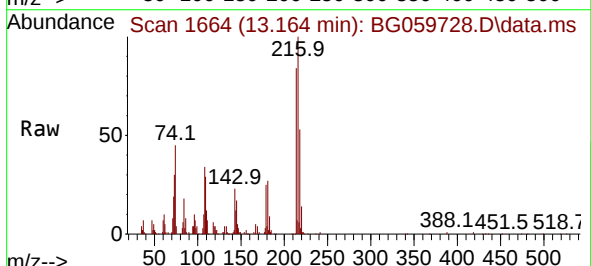
Tgt Ion:164 Resp: 12571
Ion Ratio Lower Upper
164 100
162 108.9 73.3 109.9
160 50.9 34.1 51.1

Manual Integrations
APPROVED

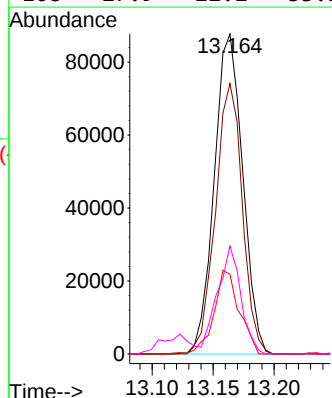
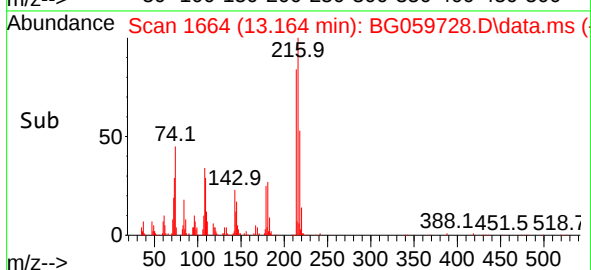
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

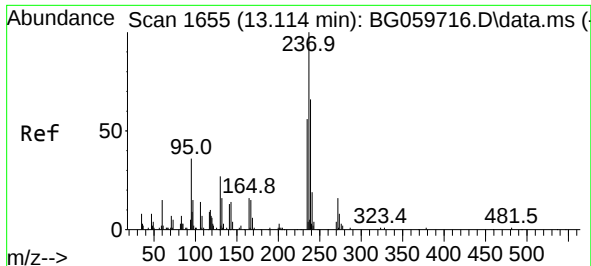


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.845 ng
RT: 13.164 min Scan# 1664
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



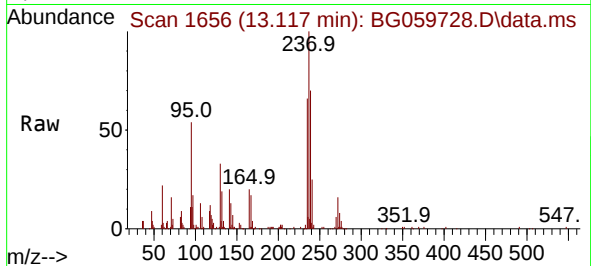
Tgt Ion:216 Resp: 142073
Ion Ratio Lower Upper
216 100
214 79.9 61.0 91.4
179 23.4 20.2 30.2
108 27.9 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 44.938 ng
RT: 13.117 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

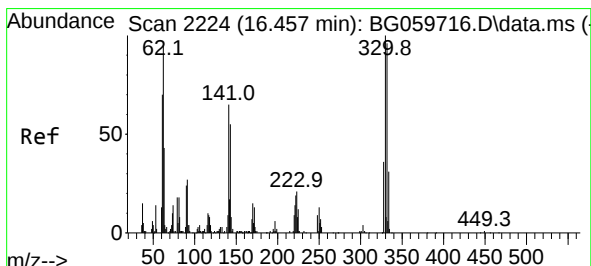
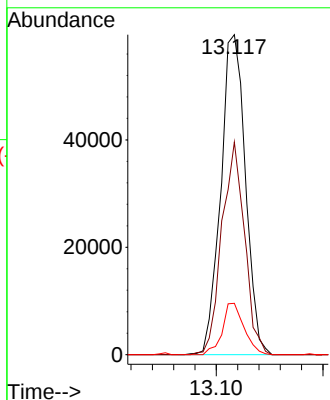
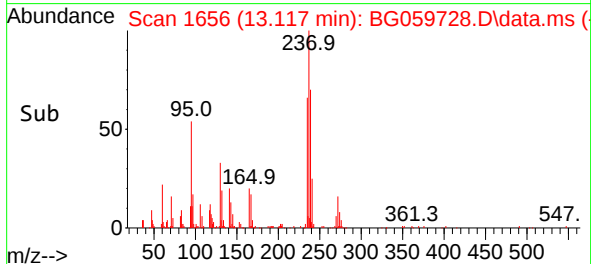
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



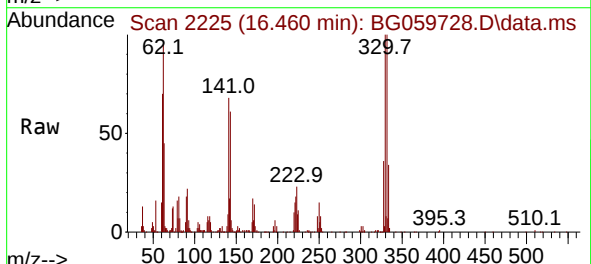
Tgt Ion:237 Resp: 9570
Ion Ratio Lower Upper
237 100
235 66.5 36.0 76.0
272 16.0 0.0 36.5

Manual Integrations
APPROVED

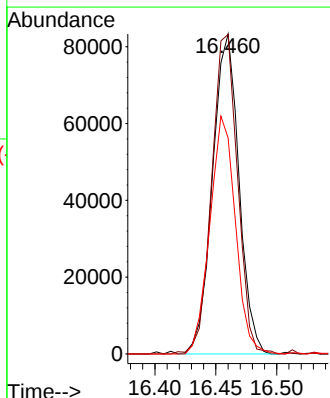
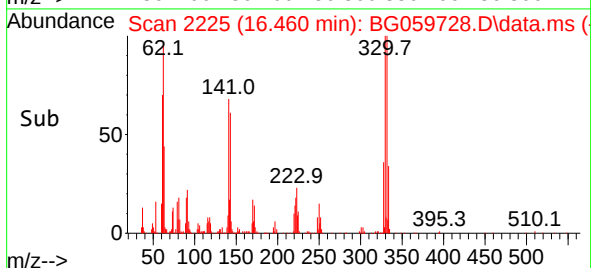
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

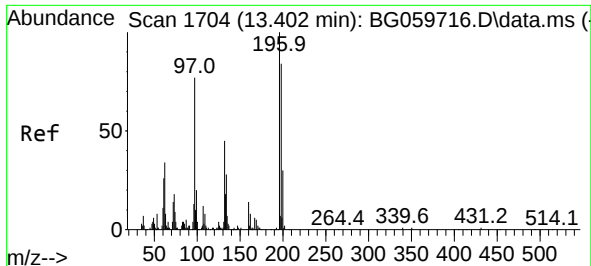


#42
2,4,6-Tribromophenol
Concen: 88.028 ng
RT: 16.460 min Scan# 2225
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



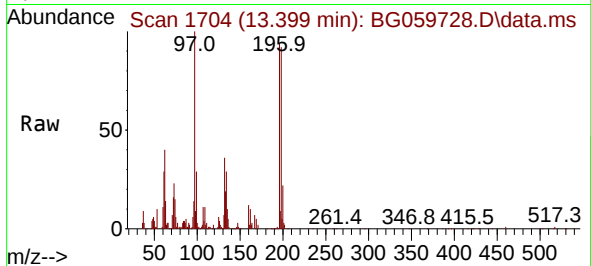
Tgt Ion:330 Resp: 125564
Ion Ratio Lower Upper
330 100
332 97.3 73.3 109.9
141 72.1 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 46.607 ng m
RT: 13.399 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

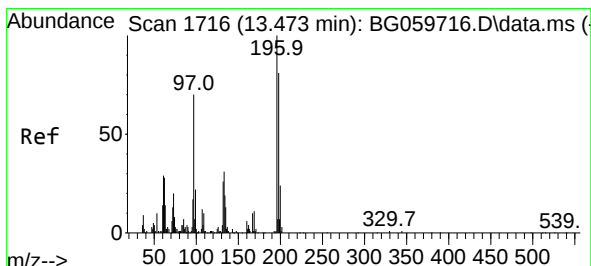
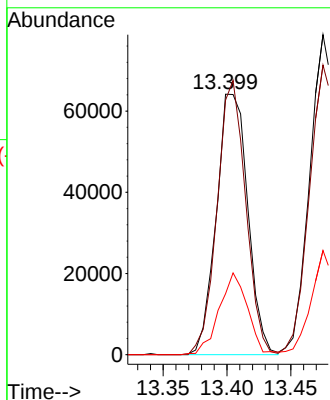
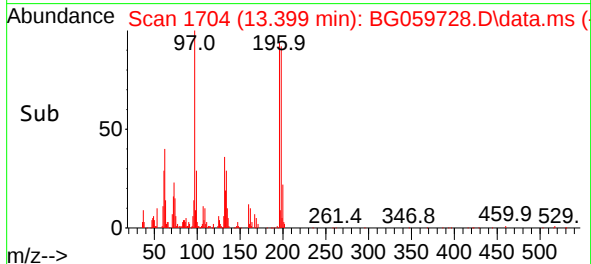
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



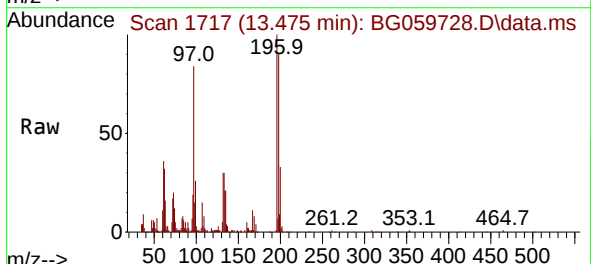
Tgt Ion:196 Resp: 110039
Ion Ratio Lower Upper
196 100
198 97.7 67.6 101.4
200 23.4 24.4 36.6

Manual Integrations
APPROVED

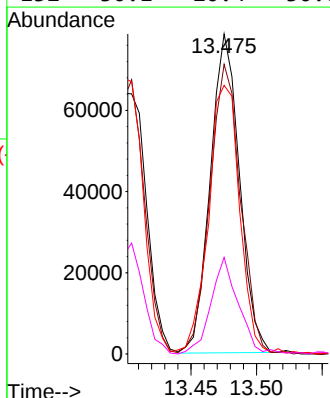
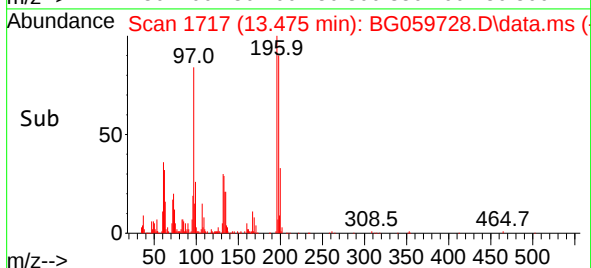
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

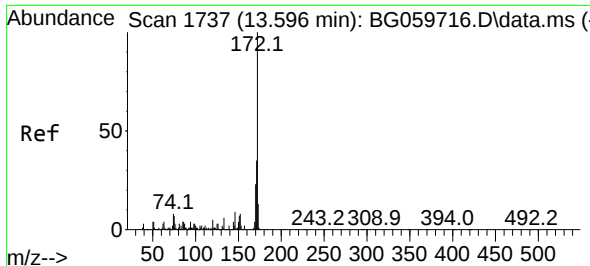


#44
2,4,5-Trichlorophenol
Concen: 43.796 ng
RT: 13.475 min Scan# 1717
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:196 Resp: 121495
Ion Ratio Lower Upper
196 100
198 90.5 66.7 100.1
97 84.0 55.9 83.9#
132 30.1 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 88.138 ng
RT: 13.599 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

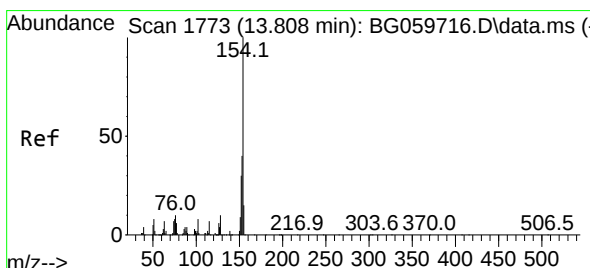
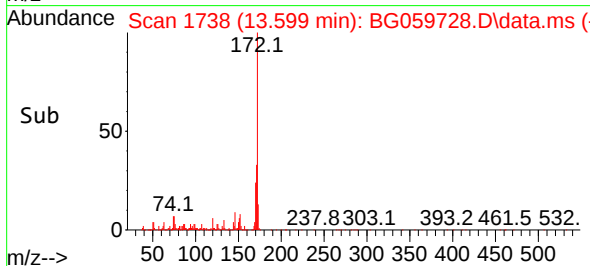
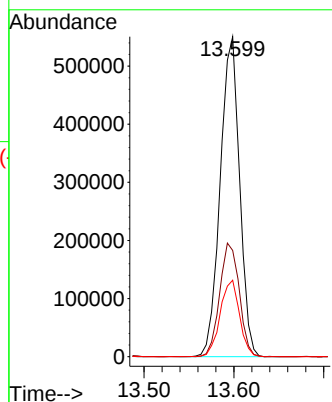
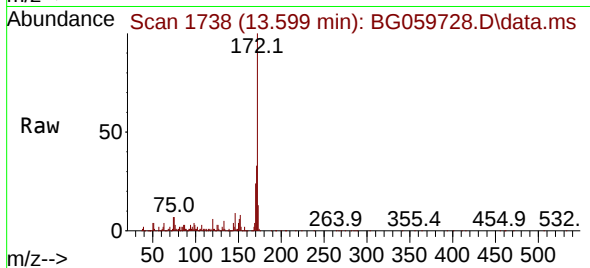
SSTDCCC040

Tgt Ion:172 Resp: 823188
Ion Ratio Lower Upper
172 100
171 33.2 27.7 41.5
170 23.9 18.4 27.6

Manual Integrations

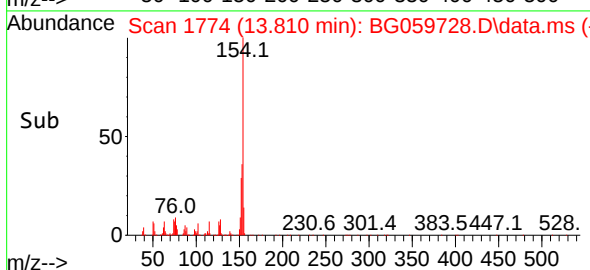
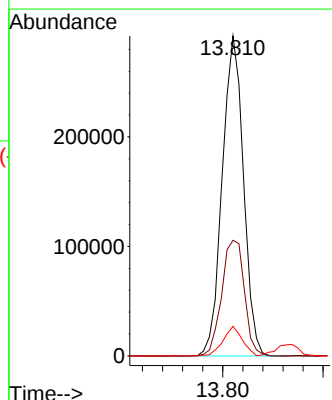
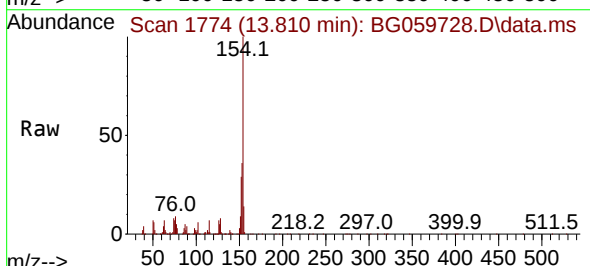
APPROVED

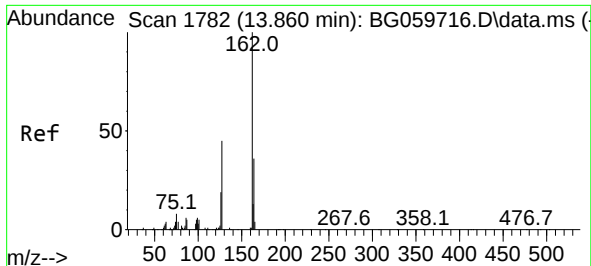
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#46
1,1'-Biphenyl
Concen: 43.408 ng
RT: 13.810 min Scan# 1774
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:154 Resp: 428339
Ion Ratio Lower Upper
154 100
153 36.2 19.7 59.7
76 9.3 0.0 30.4





#47
2-Chloronaphthalene
Concen: 45.162 ng
RT: 13.863 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

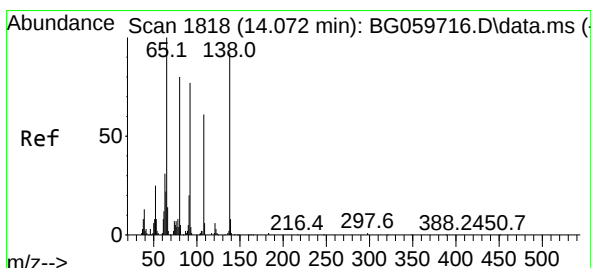
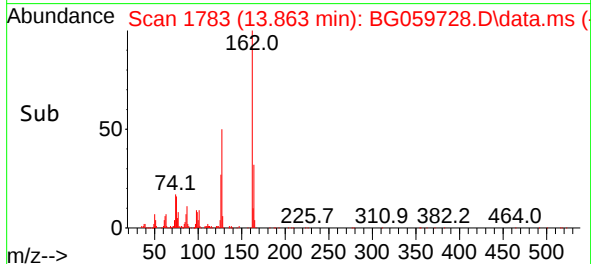
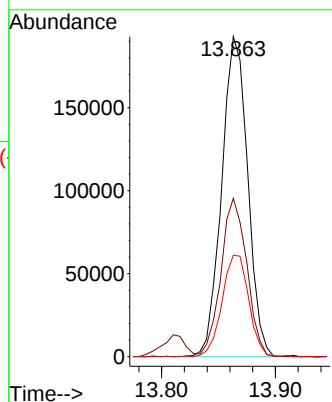
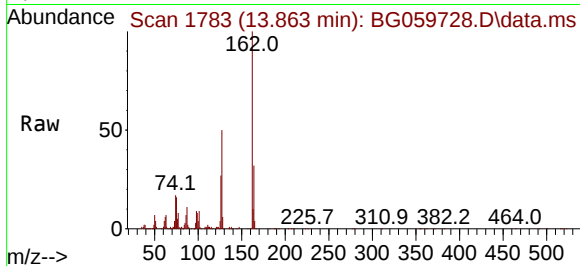
SSTDCCC040

Tgt Ion:162 Resp: 30621
Ion Ratio Lower Upper
162 100
127 49.5 41.0 61.6
164 31.7 28.9 43.3

Manual Integrations

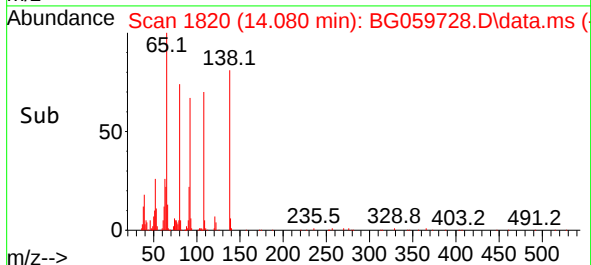
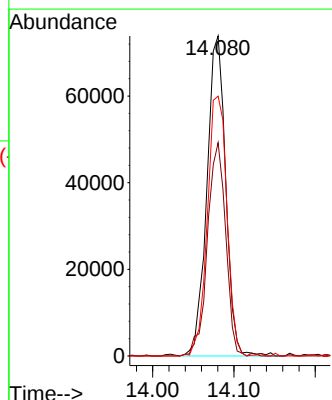
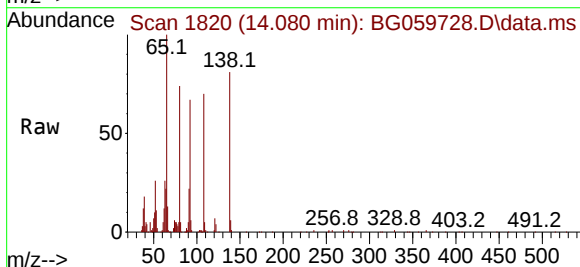
APPROVED

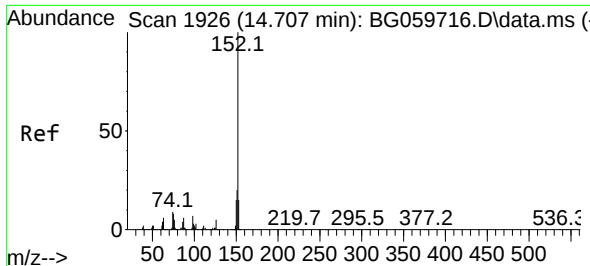
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#48
2-Nitroaniline
Concen: 49.049 ng
RT: 14.080 min Scan# 1820
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion: 65 Resp: 118738
Ion Ratio Lower Upper
65 100
92 66.7 61.2 91.8
138 81.2 73.8 110.6





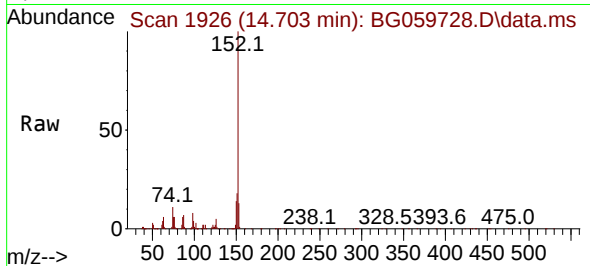
#49
Acenaphthylene
Concen: 43.098 ng
RT: 14.703 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

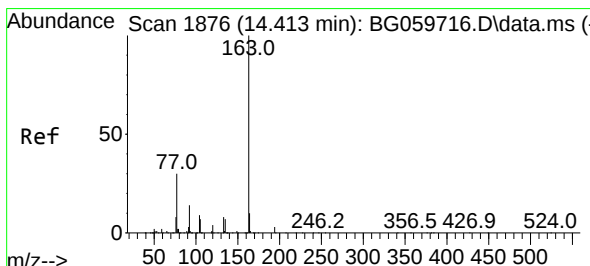
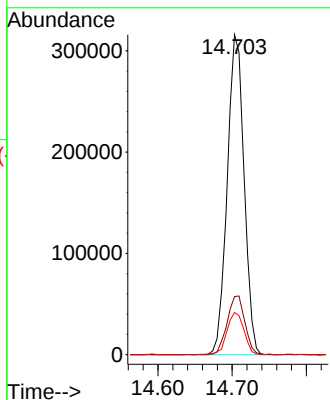
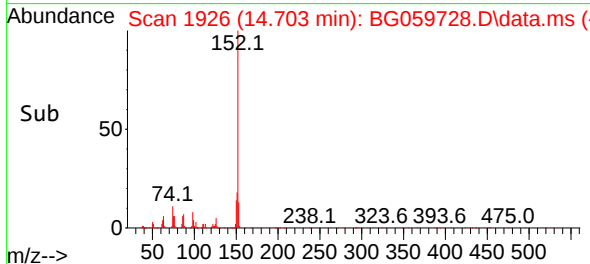
SSTDCCC040



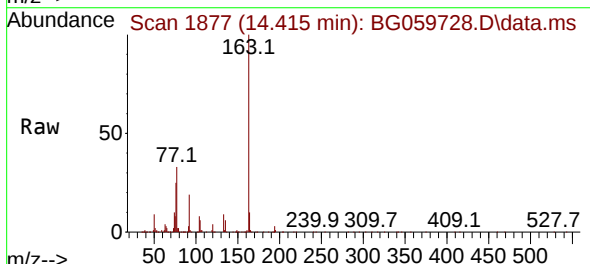
Tgt Ion:152 Resp: 49826
Ion Ratio Lower Upper
152 100
151 18.2 15.8 23.8
153 13.2 12.2 18.4

Manual Integrations
APPROVED

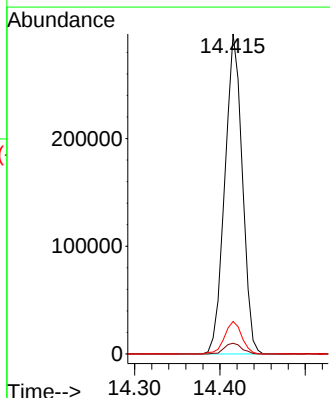
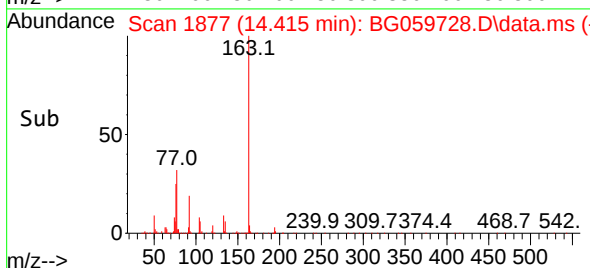
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

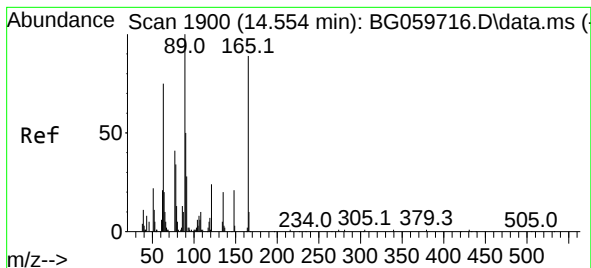


#50
Dimethylphthalate
Concen: 43.393 ng
RT: 14.415 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



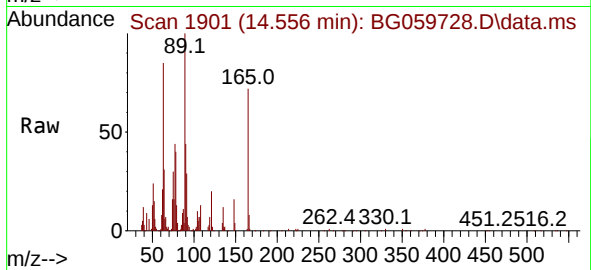
Tgt Ion:163 Resp: 422753
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.022 ng
RT: 14.556 min Scan# 1900
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

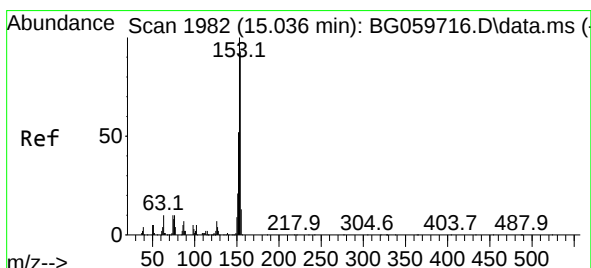
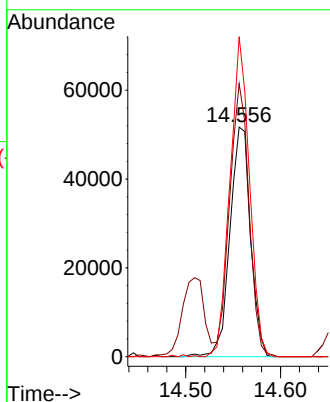
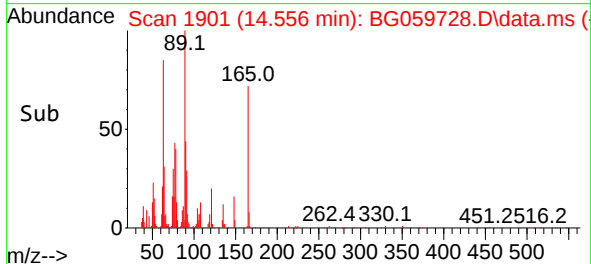
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 7766
Ion Ratio Lower Upper
165 100
63 118.9 75.3 112.9
89 139.4 90.9 136.3

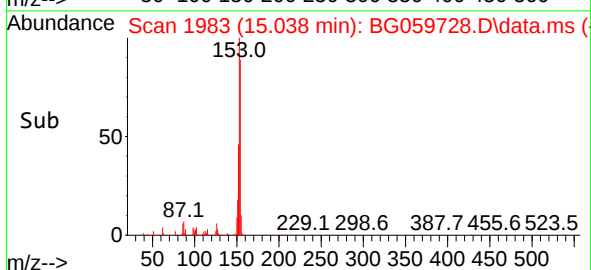
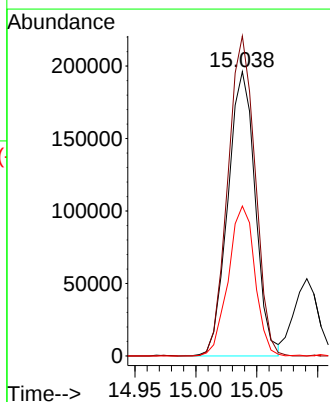
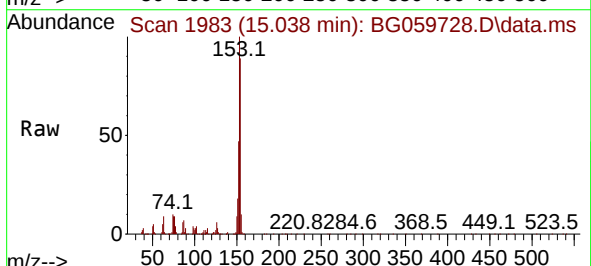
Manual Integrations
APPROVED

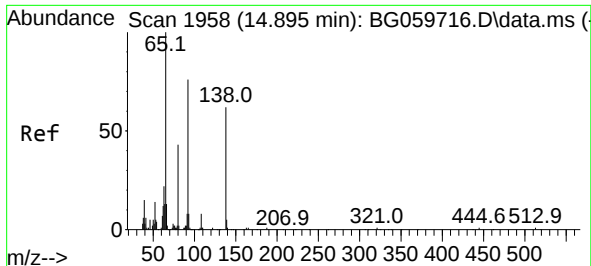
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#52
Acenaphthene
Concen: 44.113 ng
RT: 15.038 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:154 Resp: 306716
Ion Ratio Lower Upper
154 100
153 112.6 85.8 128.8
152 52.7 44.4 66.6





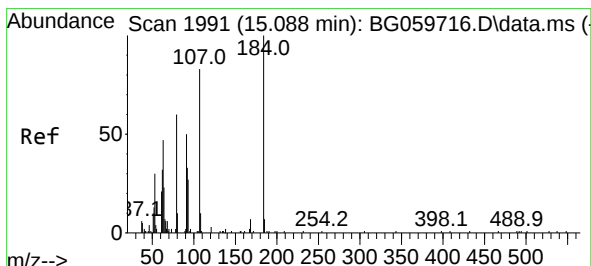
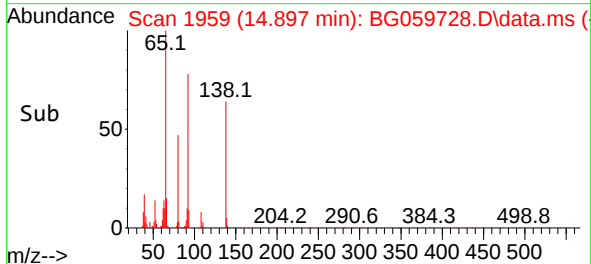
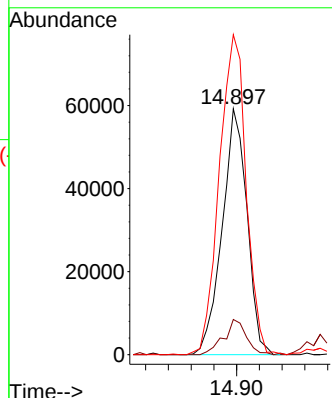
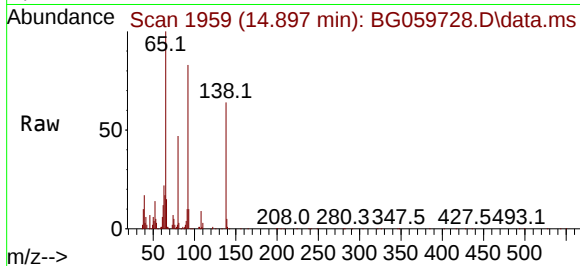
#53
3-Nitroaniline
Concen: 41.521 ng
RT: 14.897 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 89824
Ion Ratio Lower Upper
138 100
108 14.3 9.9 14.9
92 130.1 98.3 147.5

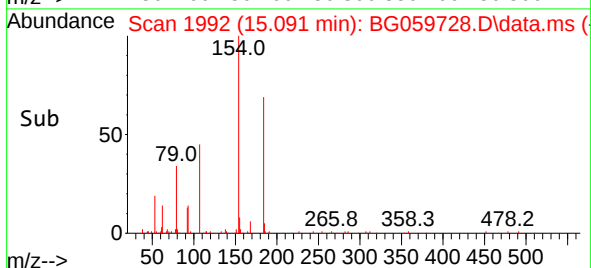
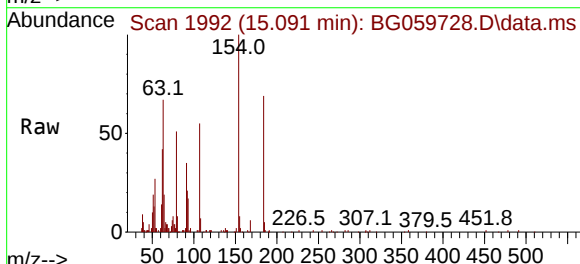
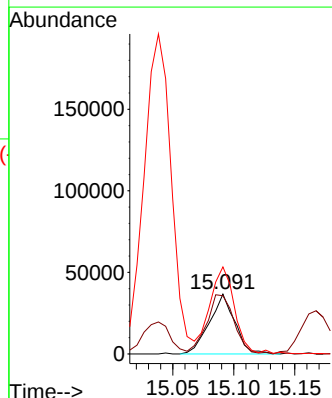
Manual Integrations
APPROVED

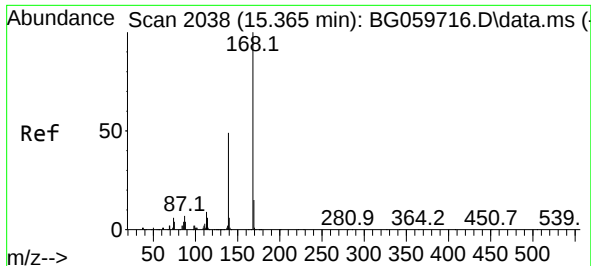
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#54
2,4-Dinitrophenol
Concen: 38.588 ng
RT: 15.091 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

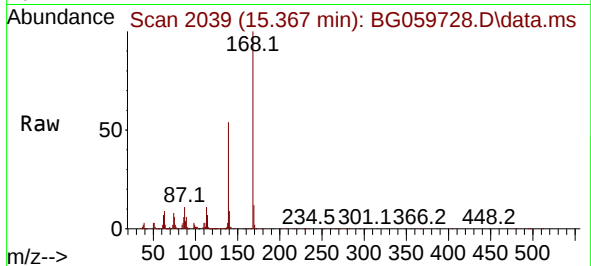
Tgt Ion:184 Resp: 52996
Ion Ratio Lower Upper
184 100
63 97.2 58.3 87.5#
154 145.3 94.1 141.1#





#55
Dibenzofuran
Concen: 43.996 ng
RT: 15.367 min Scan# 2038
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

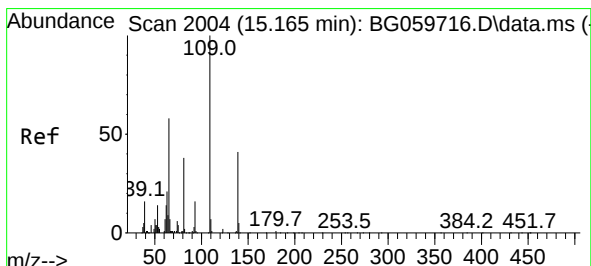
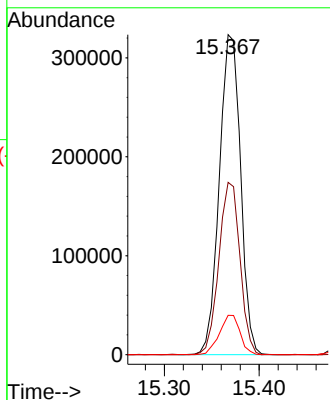
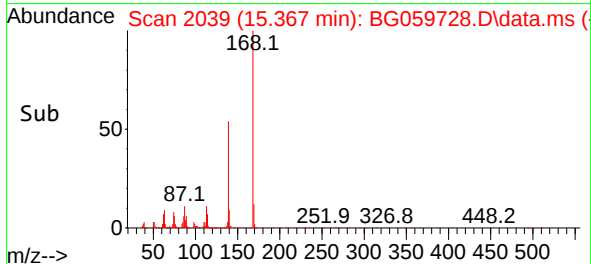
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



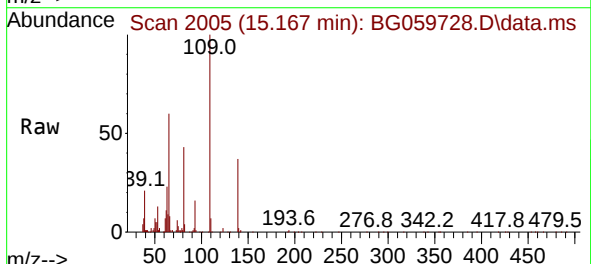
Tgt Ion:168 Resp: 504354
Ion Ratio Lower Upper
168 100
139 53.9 38.9 58.3
169 12.3 11.8 17.8

Manual Integrations
APPROVED

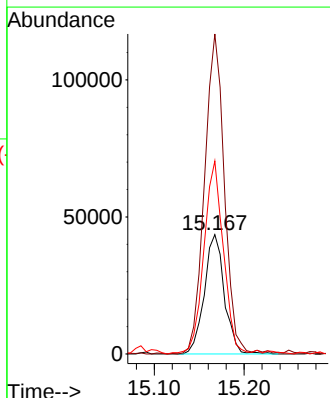
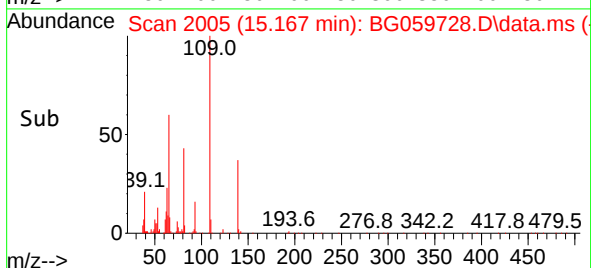
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

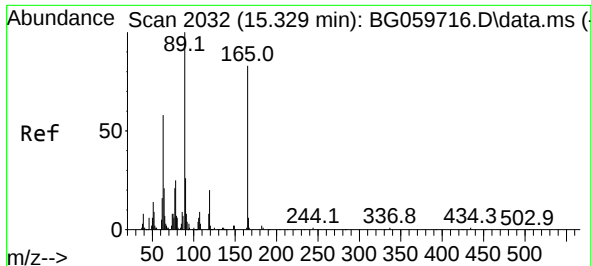


#56
4-Nitrophenol
Concen: 40.785 ng
RT: 15.167 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:139 Resp: 67503
Ion Ratio Lower Upper
139 100
109 267.9 223.4 263.4#
65 161.6 120.6 160.6#





#57

2,4-Dinitrotoluene

Concen: 43.745 ng

RT: 15.332 min Scan# 2032

Delta R.T. 0.003 min

Lab File: BG059728.D

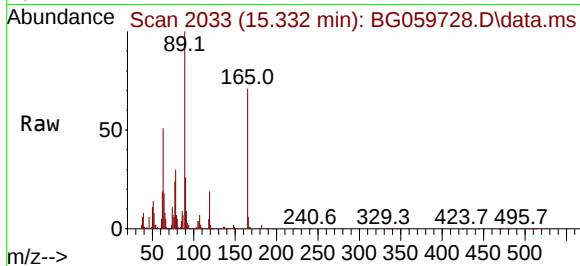
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 12433

Ion Ratio Lower Upper

165 100

63 71.8 55.8 83.8

89 141.4 96.9 145.3

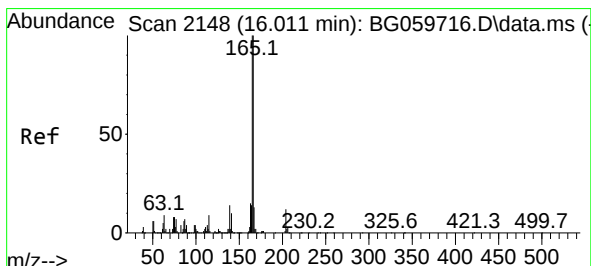
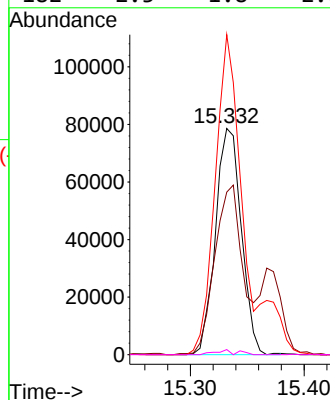
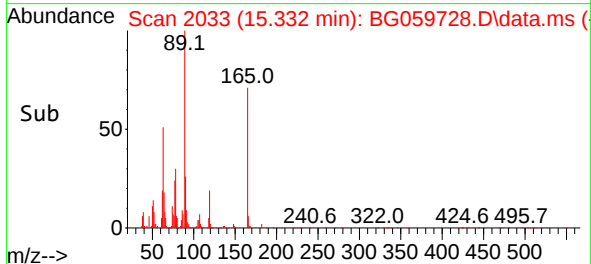
182 2.3 1.8 2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#58

Fluorene

Concen: 43.101 ng

RT: 16.013 min Scan# 2149

Delta R.T. 0.003 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

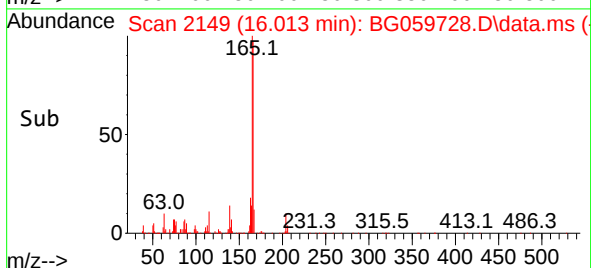
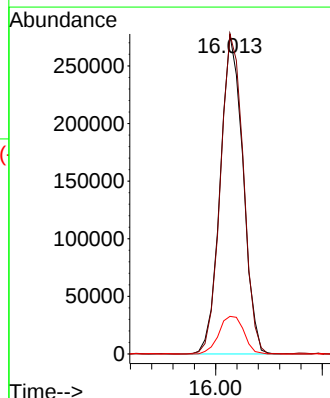
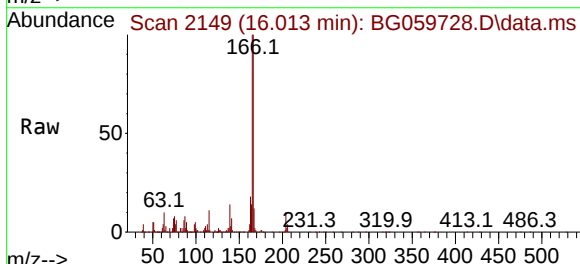
Tgt Ion:166 Resp: 410488

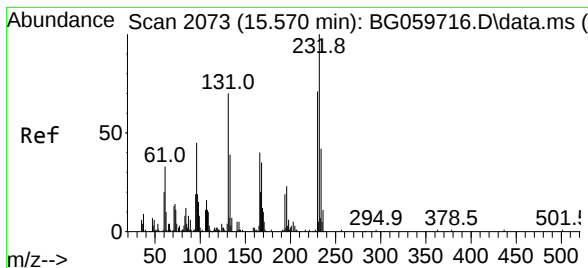
Ion Ratio Lower Upper

166 100

165 100.2 79.9 119.9

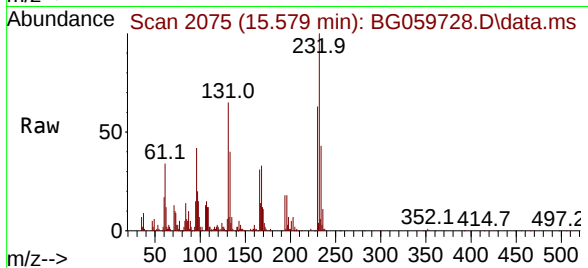
167 11.8 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.613 ng
RT: 15.579 min Scan# 2073
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

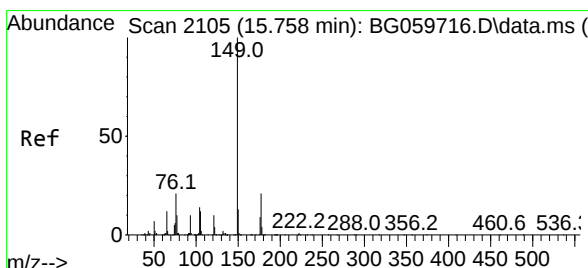
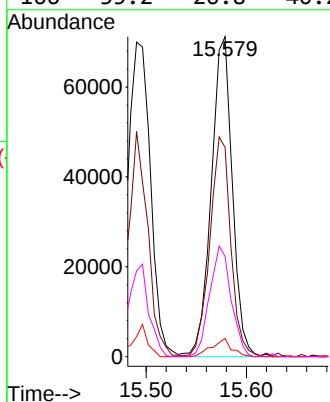
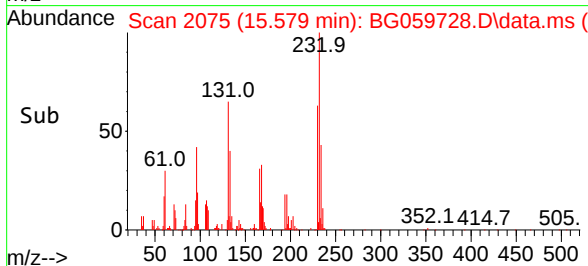
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



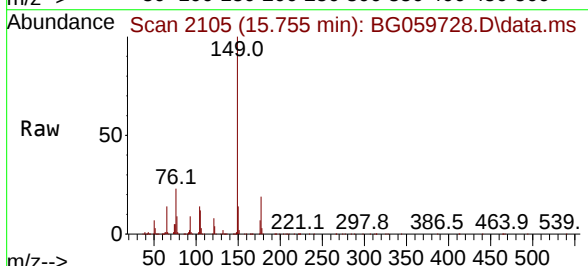
Tgt Ion:232 Resp: 103915
Ion Ratio Lower Upper
232 100
131 67.3 50.2 75.2
130 5.4 4.3 6.5
166 35.2 26.8 40.2

Manual Integrations
APPROVED

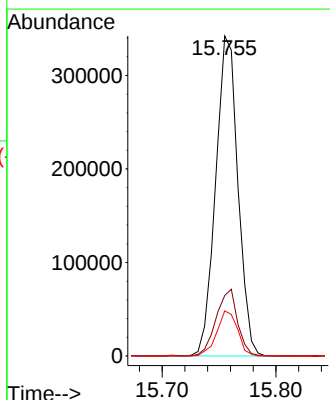
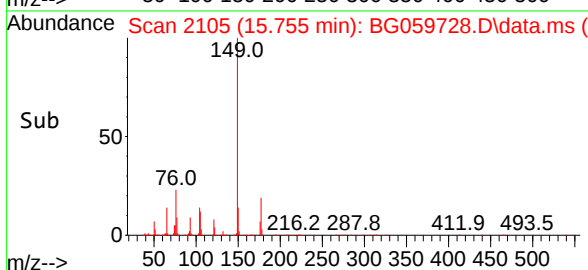
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

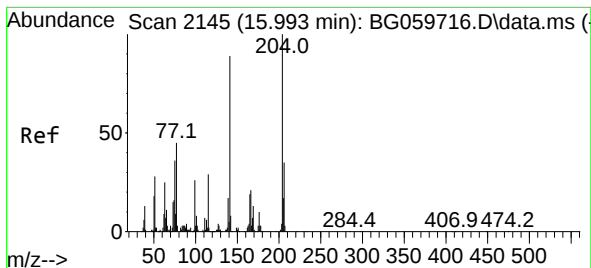


#60
Diethylphthalate
Concen: 44.617 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:149 Resp: 466193
Ion Ratio Lower Upper
149 100
177 18.9 16.6 24.8
150 14.1 10.7 16.1





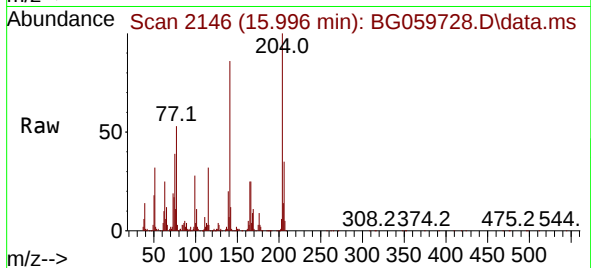
#61
4-Chlorophenyl-phenylether
Concen: 43.676 ng
RT: 15.996 min Scan# 2145
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



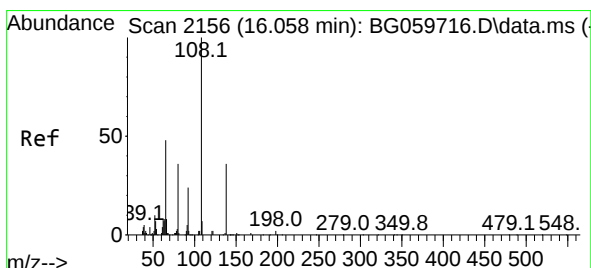
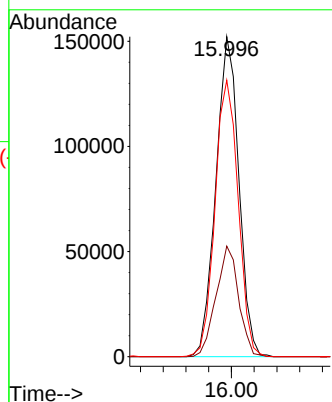
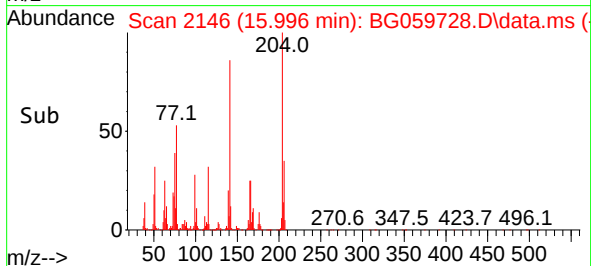
Tgt Ion:204 Resp: 214104
Ion Ratio Lower Upper
204 100
206 34.6 28.1 42.1
141 86.4 70.9 106.3

Manual Integrations

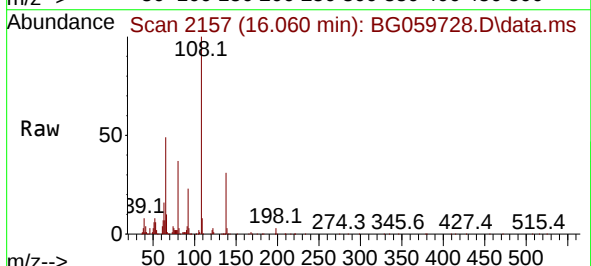
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

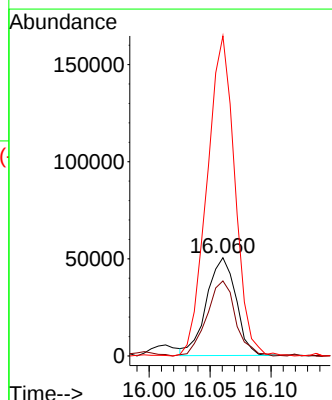
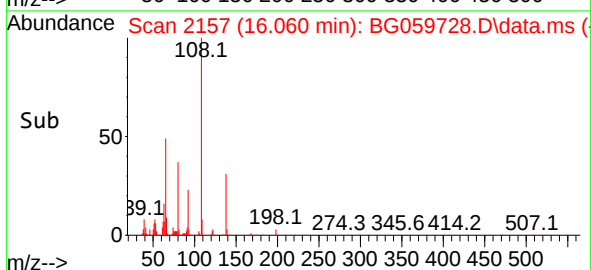
Supervised By :mohammad ahmed 11/21/2023

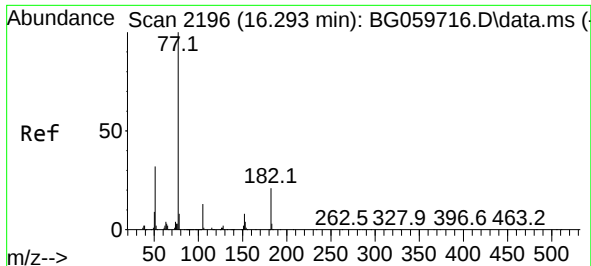


#62
4-Nitroaniline
Concen: 38.938 ng
RT: 16.060 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:138 Resp: 84424
Ion Ratio Lower Upper
138 100
92 76.4 45.8 85.8
108 325.6 256.3 296.3#





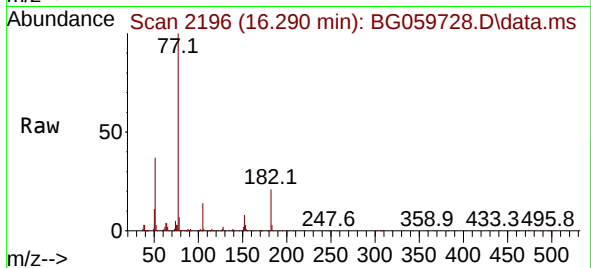
#63
Azobenzene
Concen: 45.367 ng
RT: 16.290 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

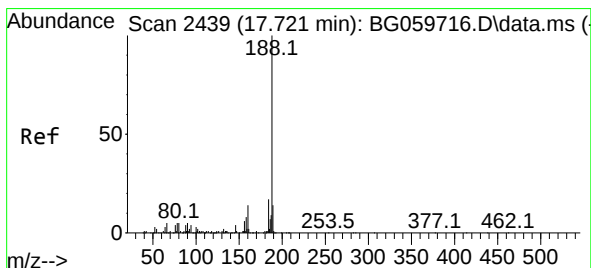
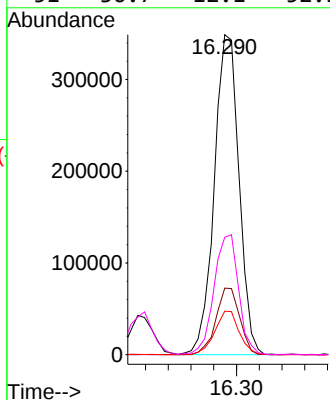
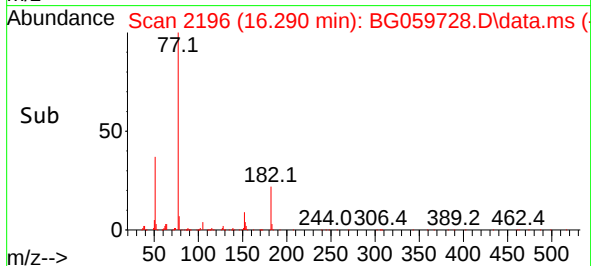


Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.1	41.1
105	13.6	0.0	33.0
51	36.7	12.1	52.1

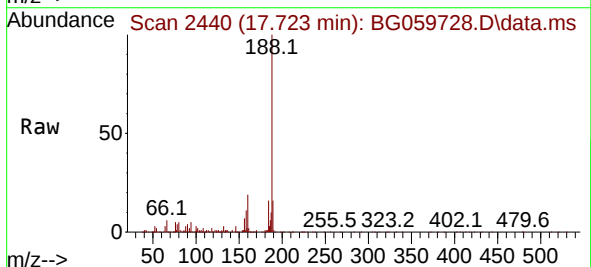
Manual Integrations

APPROVED

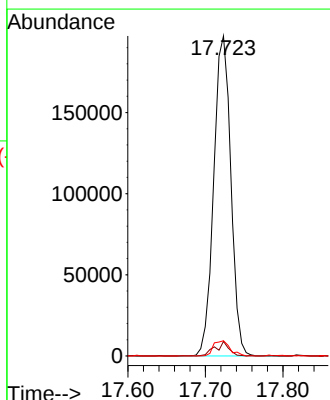
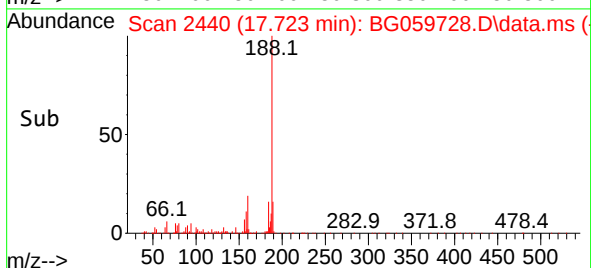
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

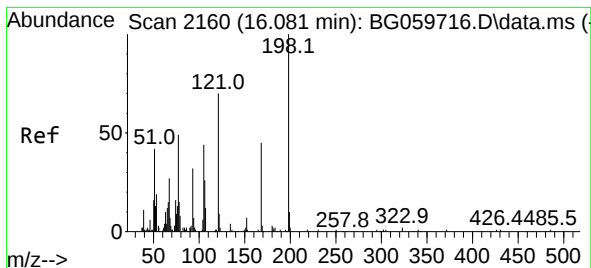


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.723 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.0	4.4#
80	4.8	4.2	6.4





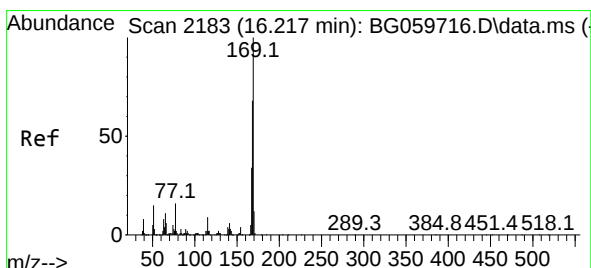
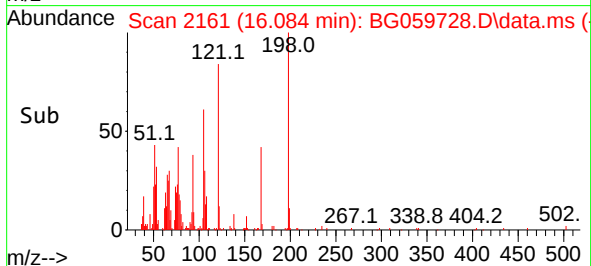
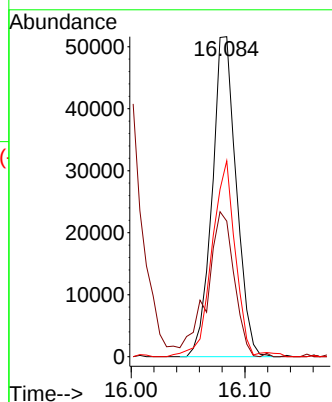
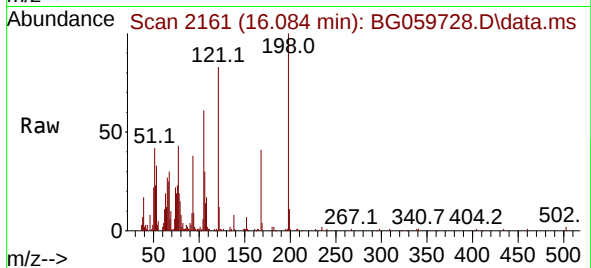
#65
4,6-Dinitro-2-methylphenol
Concen: 41.267 ng
RT: 16.084 min Scan# 2160
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 7625
Ion Ratio Lower Upper
198 100
51 42.3 23.0 63.0
105 61.2 24.0 64.0

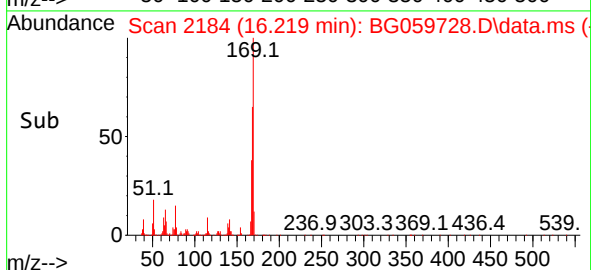
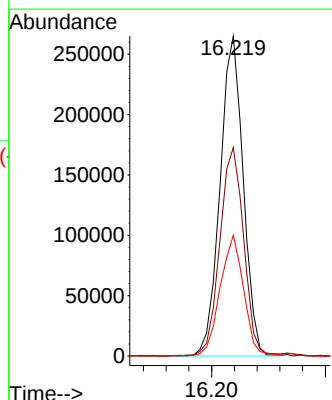
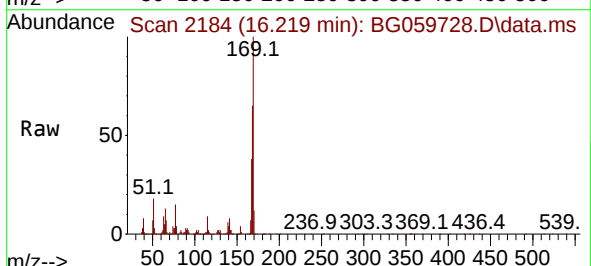
Manual Integrations
APPROVED

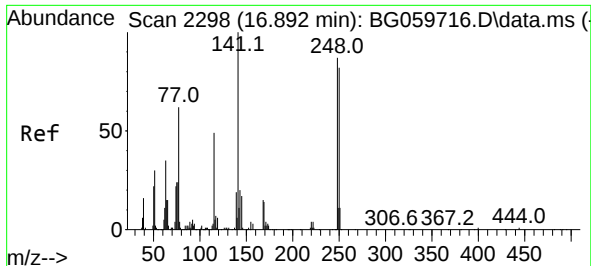
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#66
n-Nitrosodiphenylamine
Concen: 42.418 ng
RT: 16.219 min Scan# 2184
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:169 Resp: 374647
Ion Ratio Lower Upper
169 100
168 65.1 54.5 81.7
167 37.7 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 42.548 ng
RT: 16.895 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

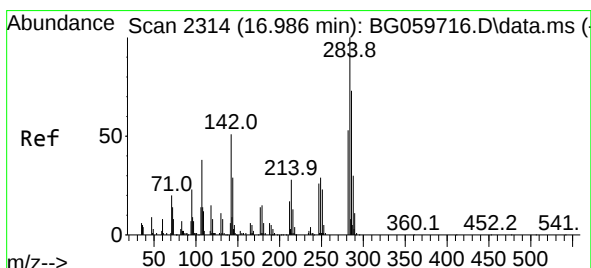
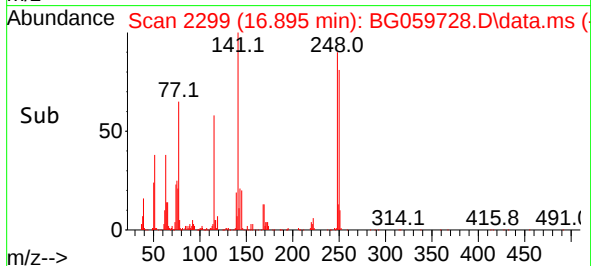
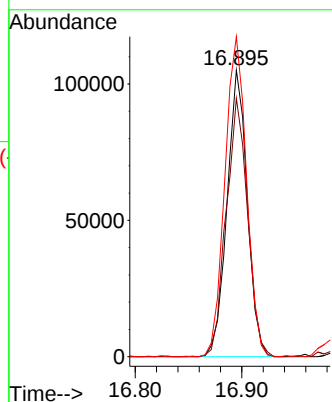
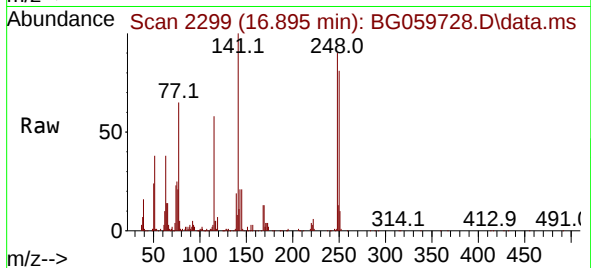
SSTDCCC040

Tgt Ion:248 Resp: 13820
Ion Ratio Lower Upper
248 100
250 90.2 75.2 112.8
141 111.7 91.5 137.3

Manual Integrations

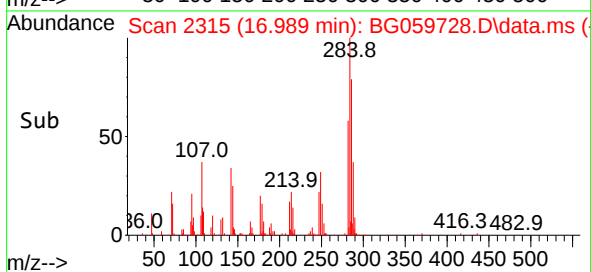
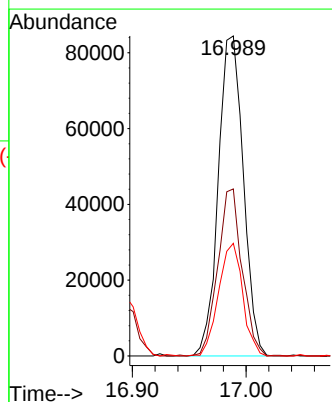
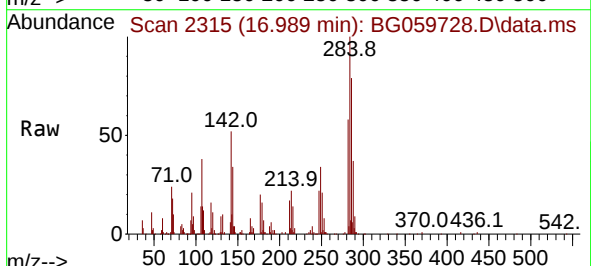
APPROVED

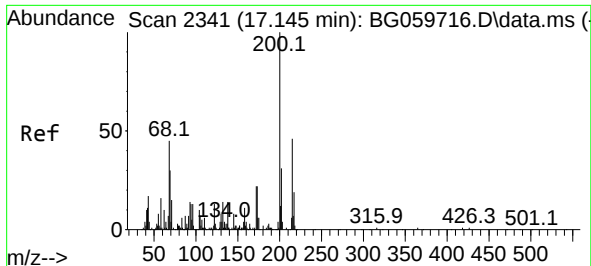
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#68
Hexachlorobenzene
Concen: 42.613 ng
RT: 16.989 min Scan# 2315
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:284 Resp: 129188
Ion Ratio Lower Upper
284 100
142 52.2 41.0 61.6
249 35.2 24.2 36.4





#69
 Atrazine
 Concen: 39.919 ng
 RT: 17.147 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

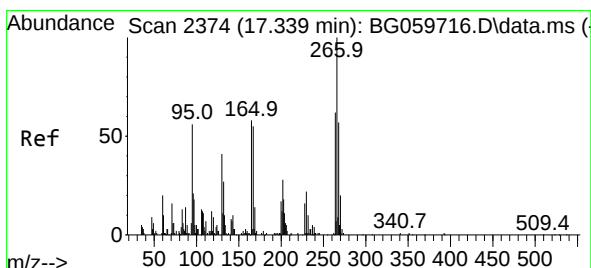
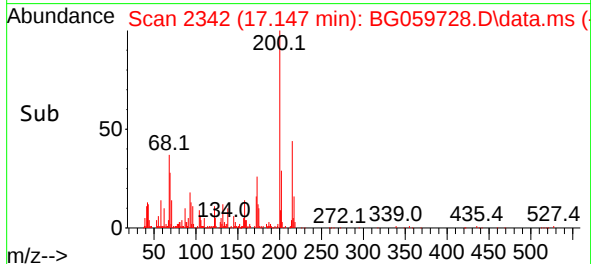
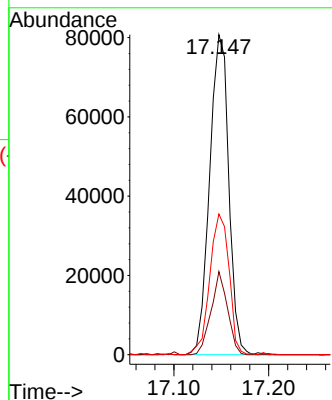
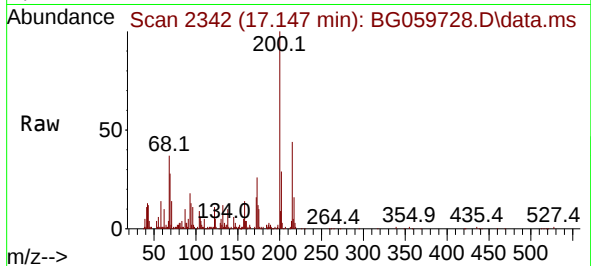
SSTDCCC040

Tgt Ion:200 Resp: 11304
 Ion Ratio Lower Upper
 200 100
 173 26.0 2.3 42.3
 215 43.9 25.6 65.6

Manual Integrations

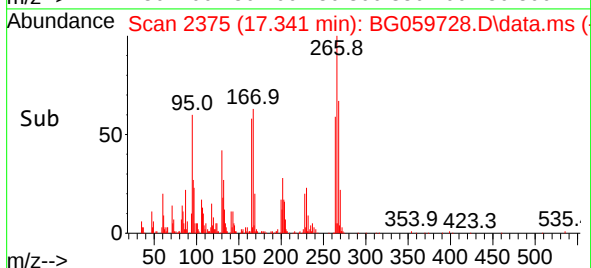
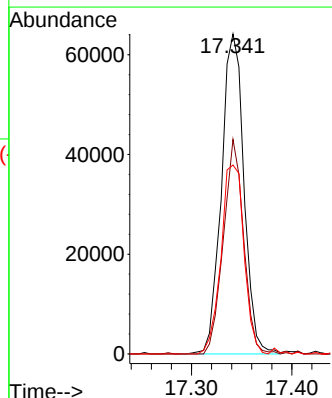
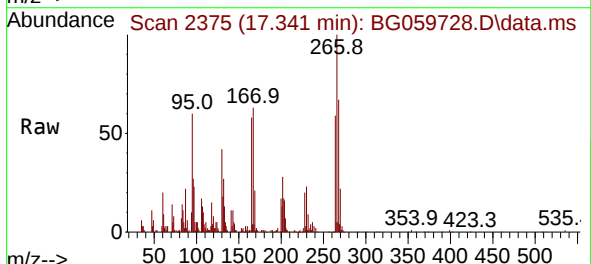
APPROVED

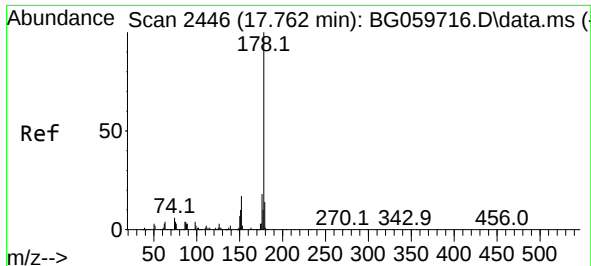
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#70
 Pentachlorophenol
 Concen: 43.075 ng
 RT: 17.341 min Scan# 2375
 Delta R.T. 0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Tgt Ion:266 Resp: 99629
 Ion Ratio Lower Upper
 266 100
 268 67.1 45.7 68.5
 264 59.1 49.8 74.8





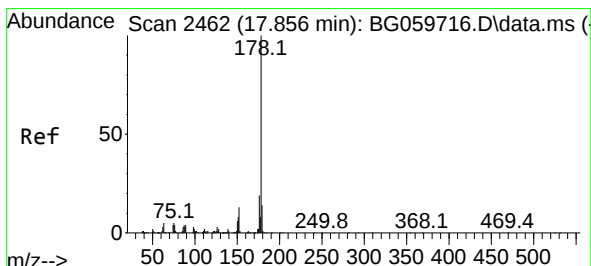
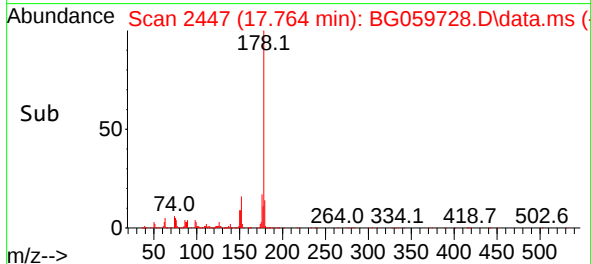
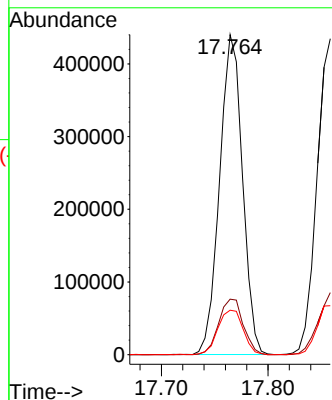
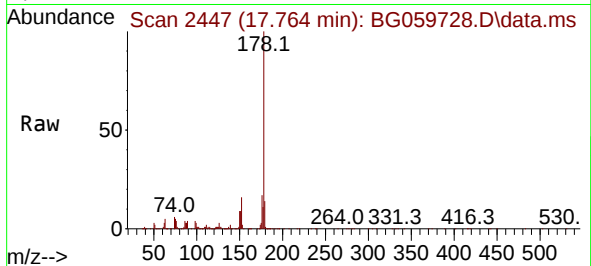
#71
Phenanthrene
Concen: 42.601 ng
RT: 17.764 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 65487
Ion Ratio Lower Upper
178 100
176 17.4 14.5 21.7
179 13.9 11.2 16.8

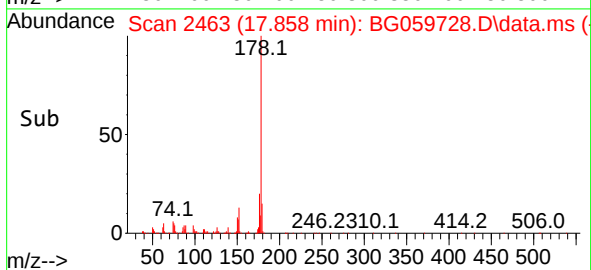
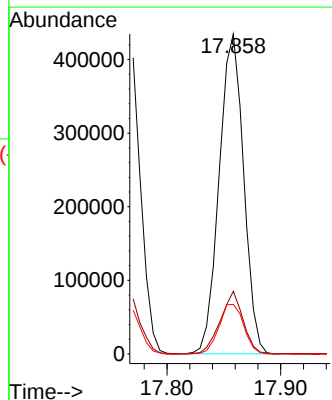
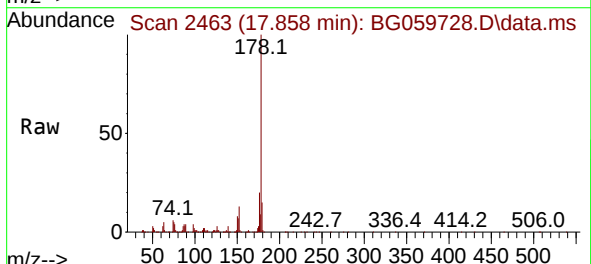
Manual Integrations
APPROVED

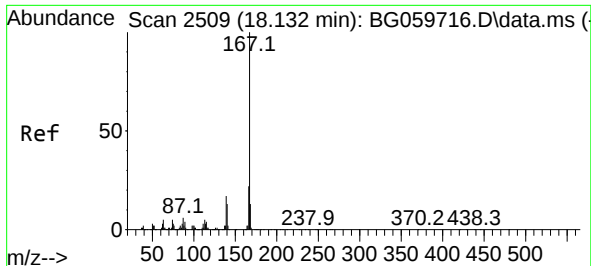
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#72
Anthracene
Concen: 40.636 ng
RT: 17.858 min Scan# 2463
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:178 Resp: 649041
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 15.5 11.5 17.3





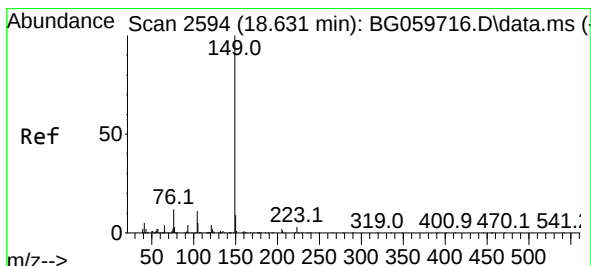
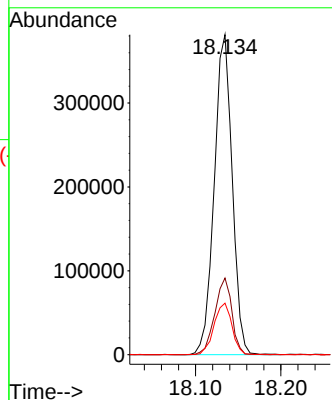
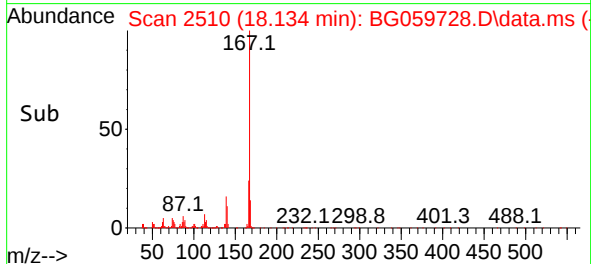
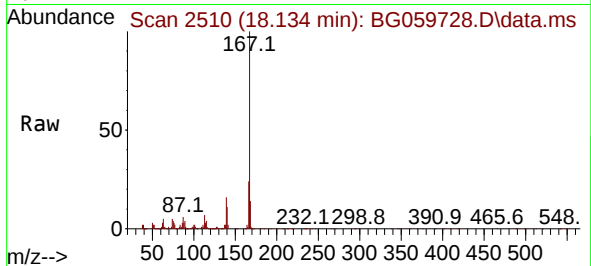
#73
 Carbazole
 Concen: 40.064 ng
 RT: 18.134 min Scan# 2509
 Delta R.T. 0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 559034
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.4 26.0
 139 16.1 13.2 19.8

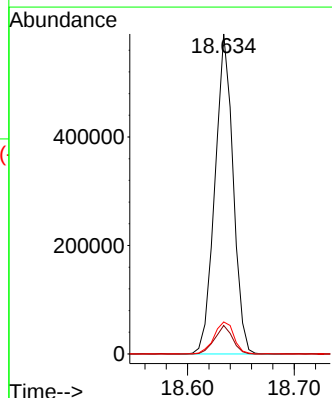
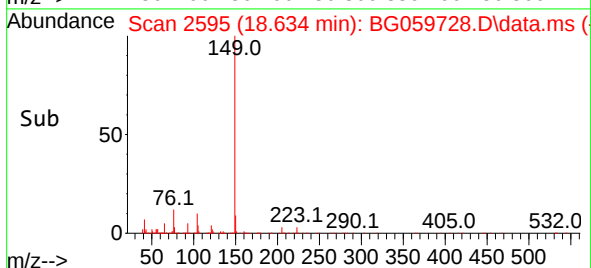
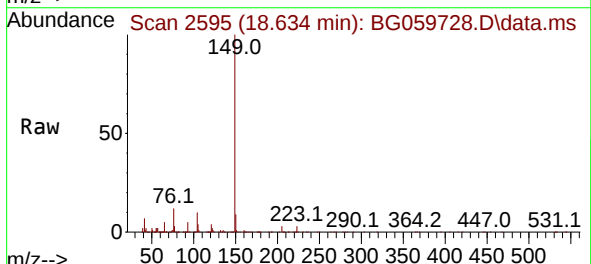
Manual Integrations
 APPROVED

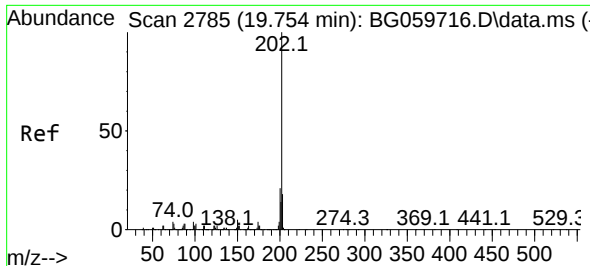
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#74
 Di-n-butylphthalate
 Concen: 41.300 ng
 RT: 18.634 min Scan# 2595
 Delta R.T. 0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Tgt Ion:149 Resp: 696588
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 10.0 8.6 12.8





#75
Fluoranthene
Concen: 39.298 ng
RT: 19.756 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

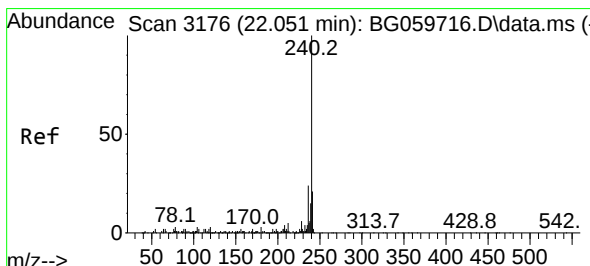
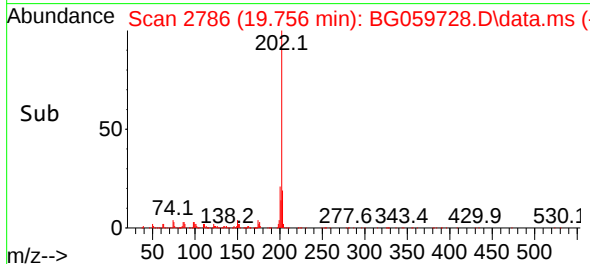
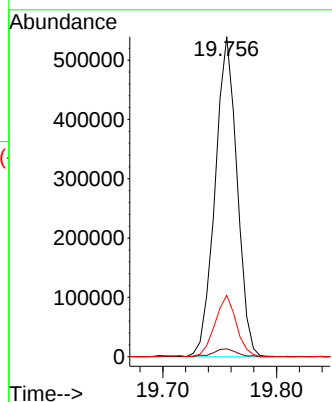
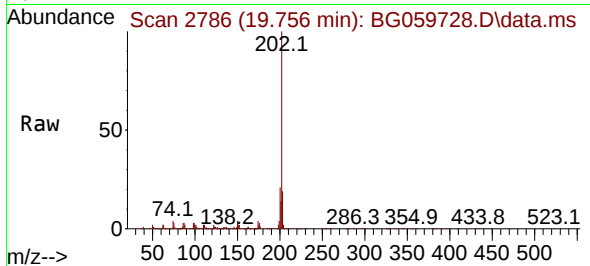
SSTDCCC040

Tgt Ion:202 Resp: 724458
Ion Ratio Lower Upper
202 100
101 2.5 0.0 22.7
203 19.1 0.0 38.2

Manual Integrations

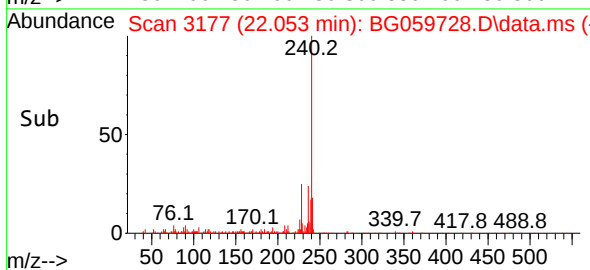
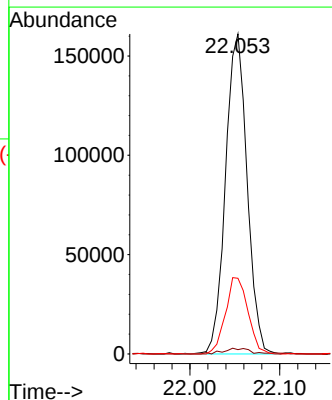
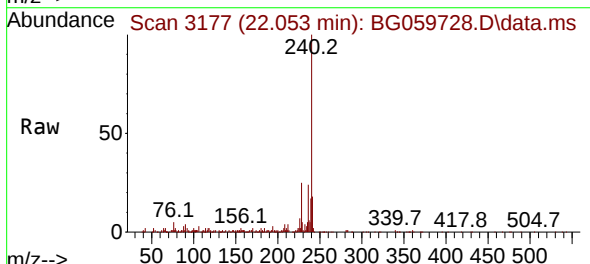
APPROVED

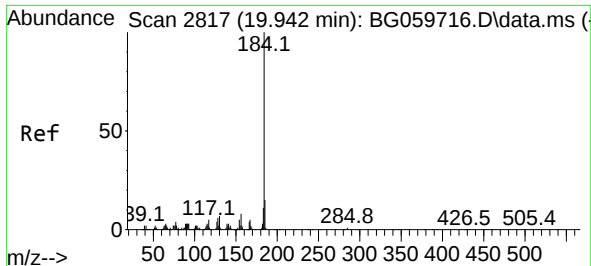
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.053 min Scan# 3177
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:240 Resp: 268403
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 23.7 19.4 29.2





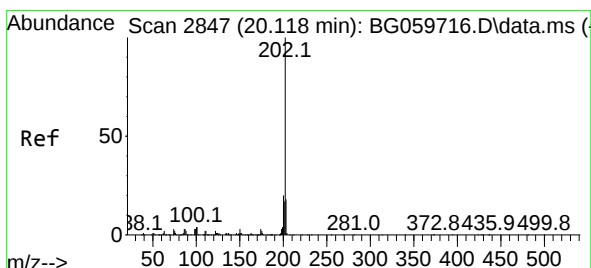
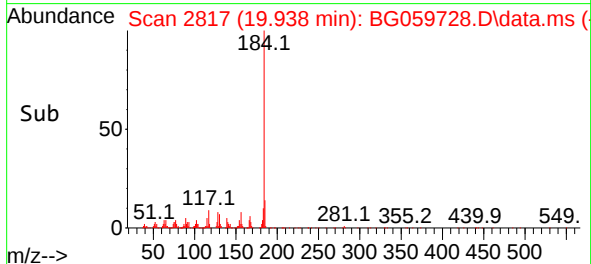
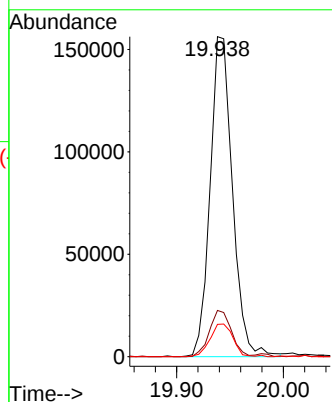
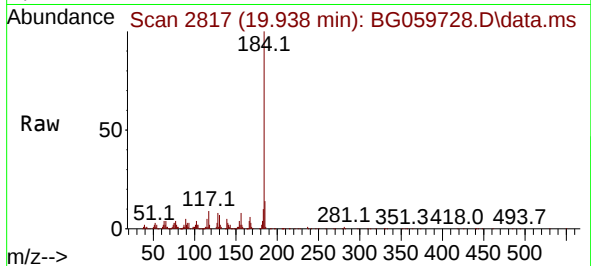
#77
Benzidine
Concen: 37.311 ng
RT: 19.938 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 227085
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 10.1 8.8 13.2

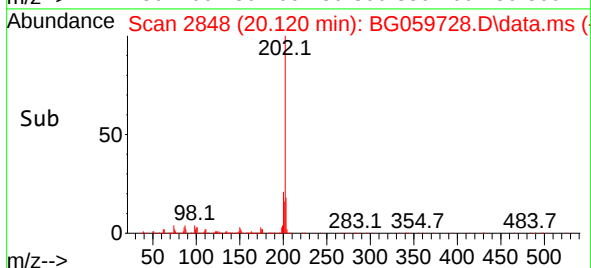
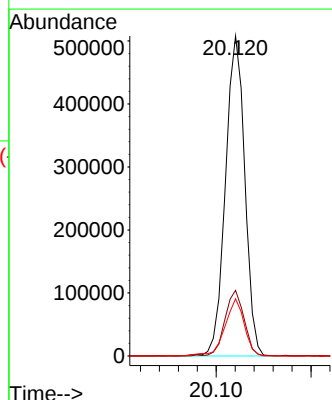
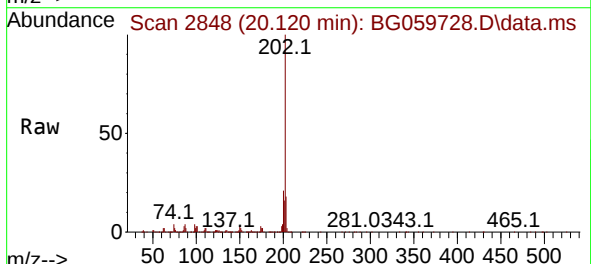
Manual Integrations
APPROVED

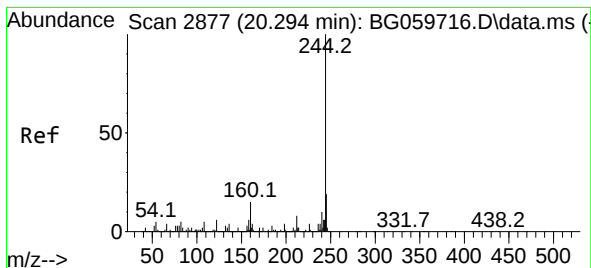
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#78
Pyrene
Concen: 39.454 ng
RT: 20.120 min Scan# 2848
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:202 Resp: 720503
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 79.427 ng

RT: 20.297 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1444094

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

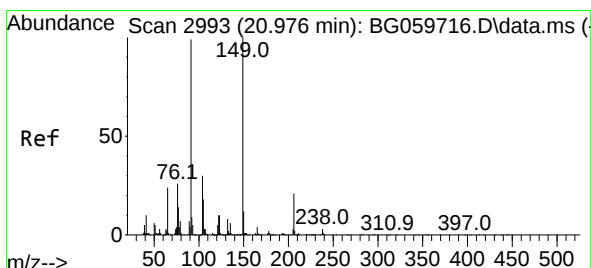
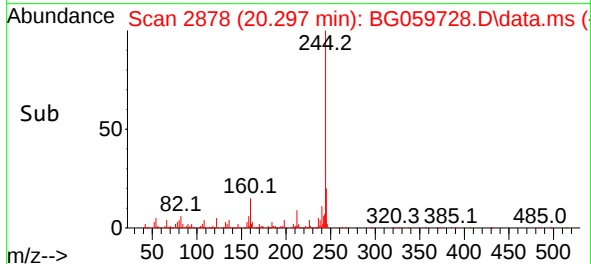
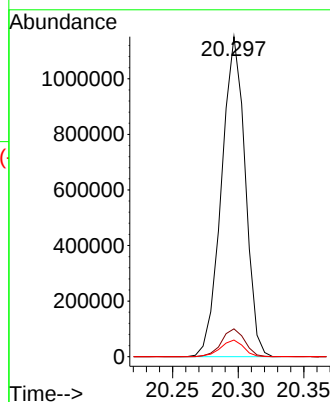
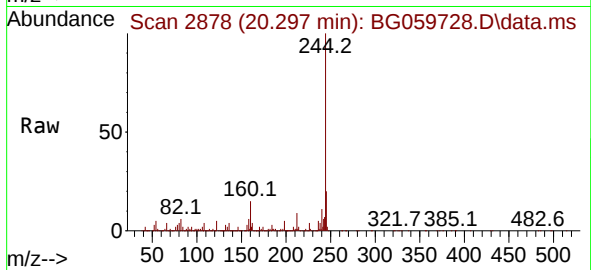
122 5.2 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#80

Butylbenzylphthalate

Concen: 40.395 ng

RT: 20.978 min Scan# 2994

Delta R.T. 0.003 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

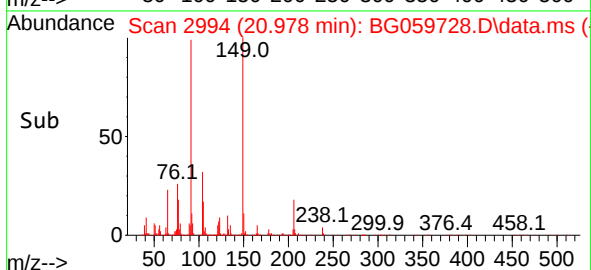
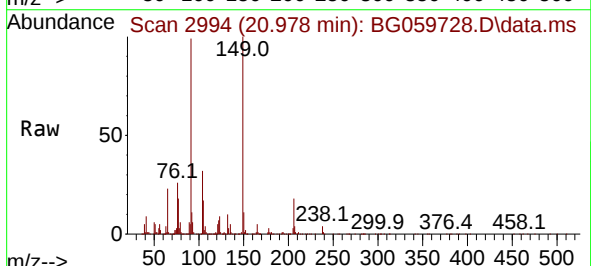
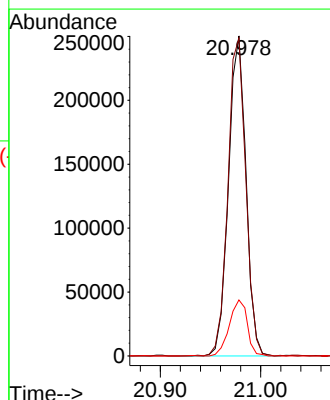
Tgt Ion:149 Resp: 302486

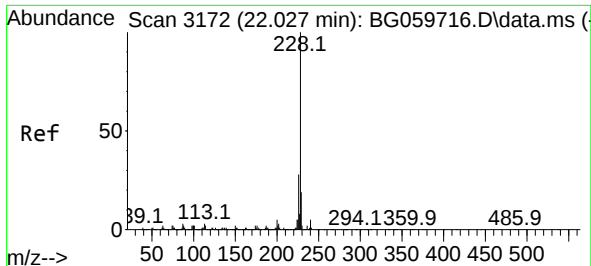
Ion Ratio Lower Upper

149 100

91 99.3 79.6 119.4

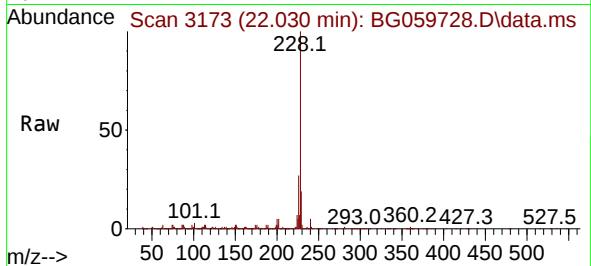
206 17.5 16.9 25.3





#81
Benzo(a)anthracene
Concen: 39.592 ng
RT: 22.030 min Scan# 3173
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

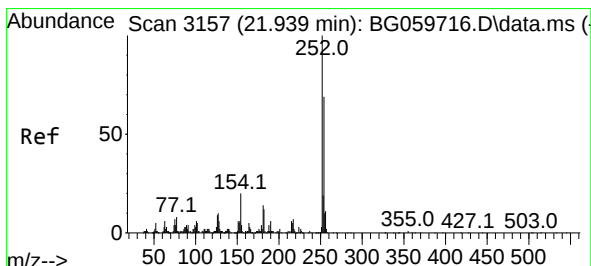
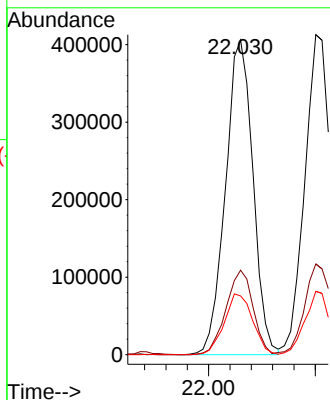
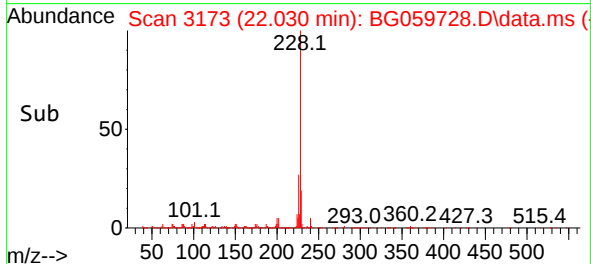
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



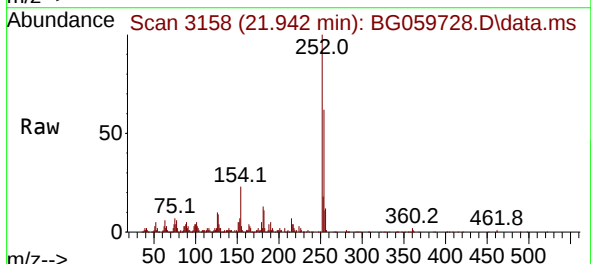
Tgt Ion:228 Resp: 727100
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 18.7 14.9 22.3

Manual Integrations
APPROVED

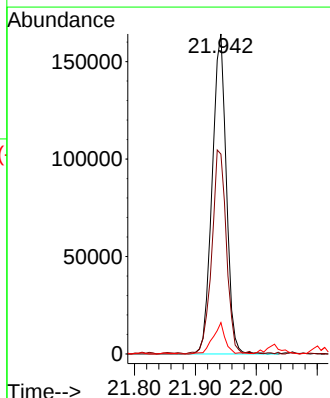
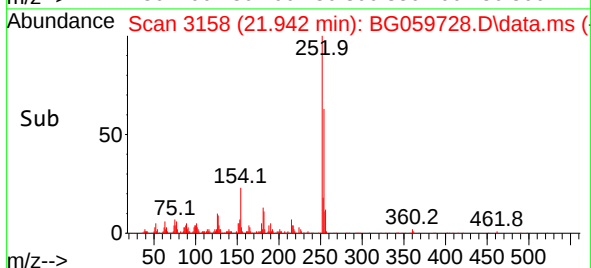
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

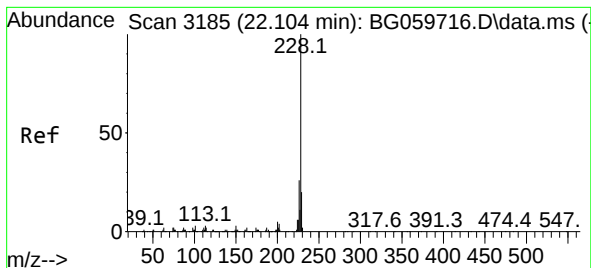


#82
3,3'-Dichlorobenzidine
Concen: 38.734 ng
RT: 21.942 min Scan# 3158
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04



Tgt Ion:252 Resp: 265014
Ion Ratio Lower Upper
252 100
254 62.5 55.2 82.8
126 9.8 7.0 10.6





#83

Chrysene

Concen: 42.054 ng

RT: 22.100 min Scan# 3185

Delta R.T. -0.003 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

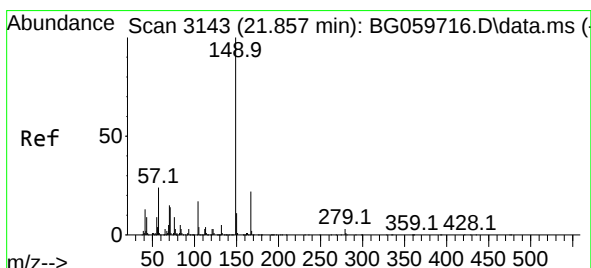
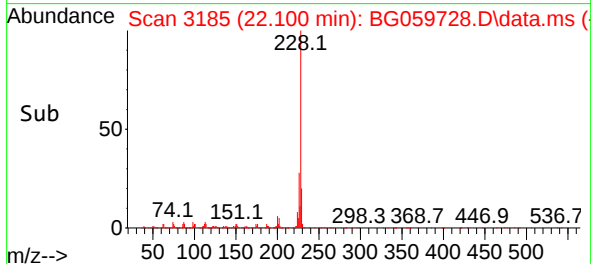
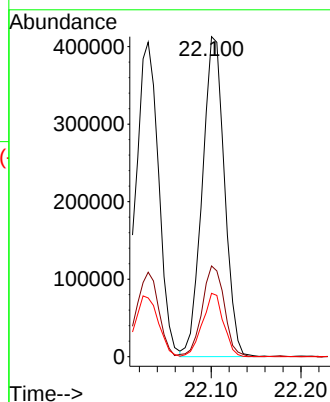
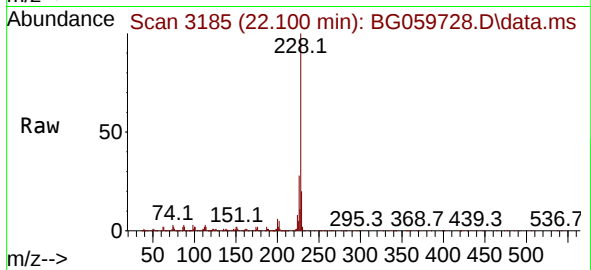
Tgt Ion:228 Resp: 707982
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.1 31.7
 229 19.8 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.164 ng

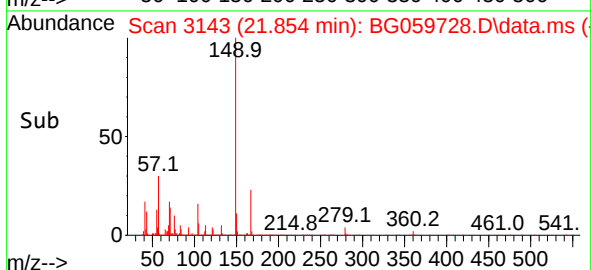
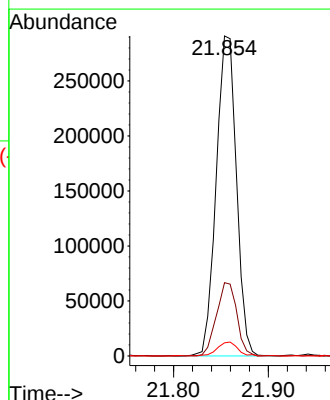
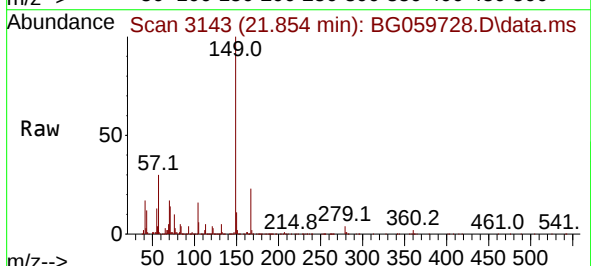
RT: 21.854 min Scan# 3143

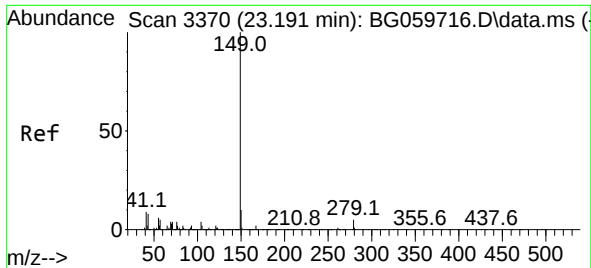
Delta R.T. -0.003 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

Tgt Ion:149 Resp: 430908
 Ion Ratio Lower Upper
 149 100
 167 22.9 17.6 26.4
 279 4.1 2.7 4.1#





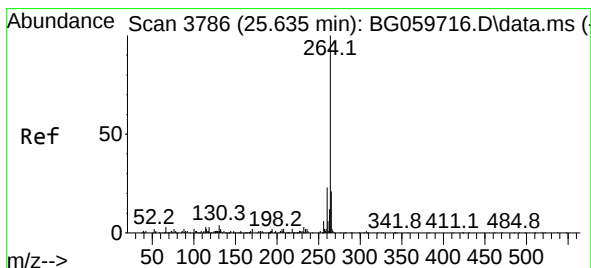
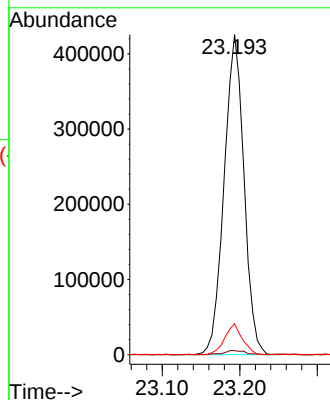
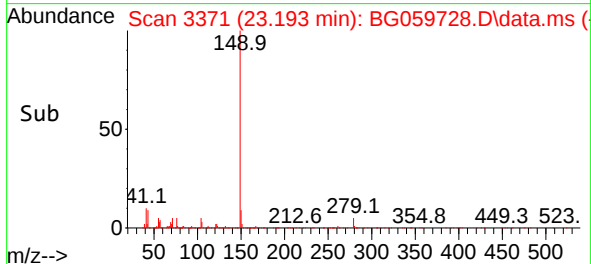
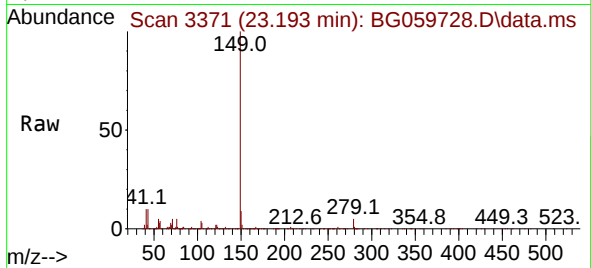
#85
Di-n-octyl phthalate
Concen: 37.611 ng
RT: 23.193 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 757930
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 8.7 6.3 9.5

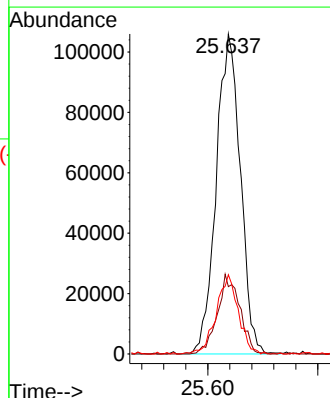
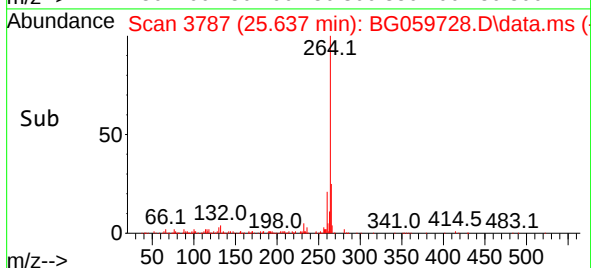
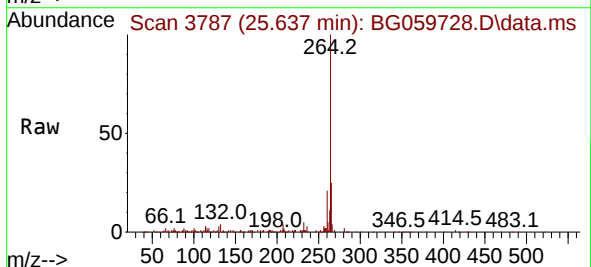
Manual Integrations
APPROVED

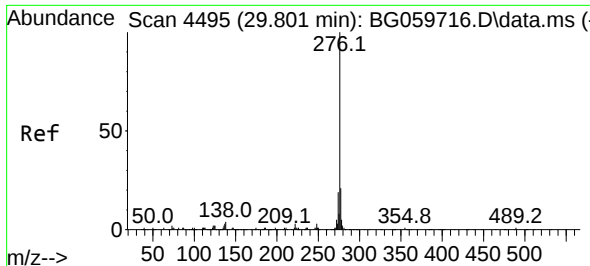
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.637 min Scan# 3787
Delta R.T. 0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:264 Resp: 323085
Ion Ratio Lower Upper
264 100
260 21.0 18.5 27.7
265 24.7 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.546 ng
 RT: 29.797 min Scan# 4495
 Delta R.T. -0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

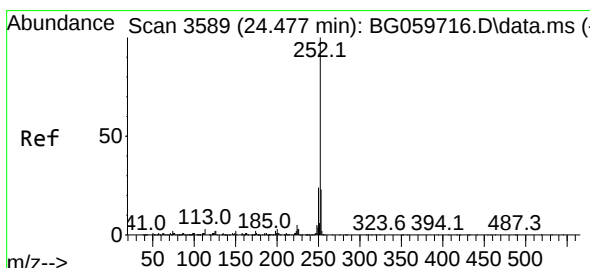
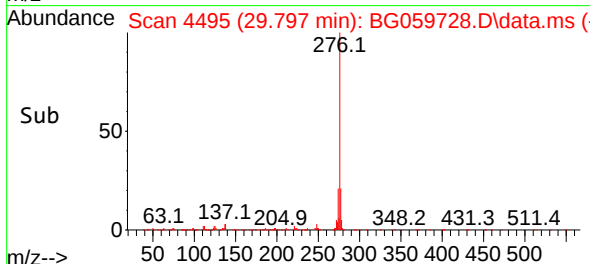
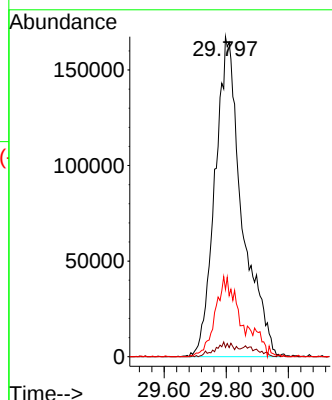
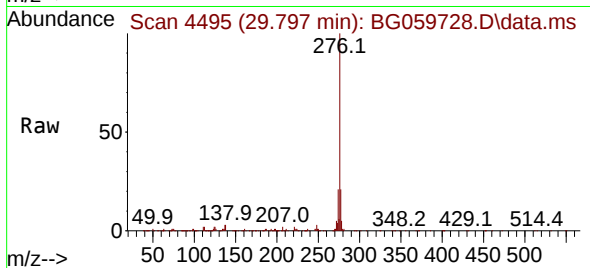
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 101566
 Ion Ratio Lower Upper
 276 100
 138 0.8 1.8 2.6
 277 19.9 9.8 14.6

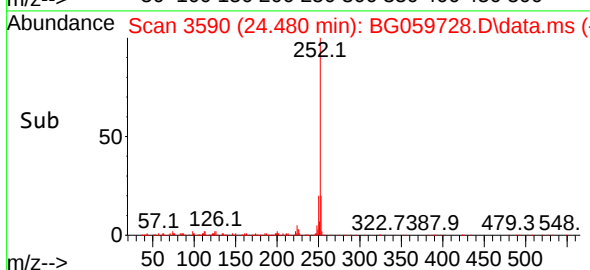
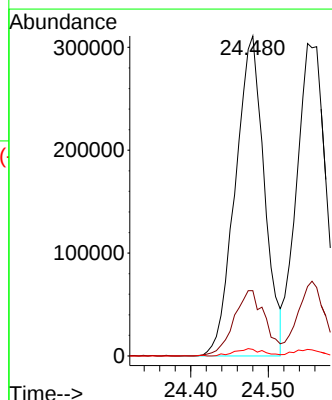
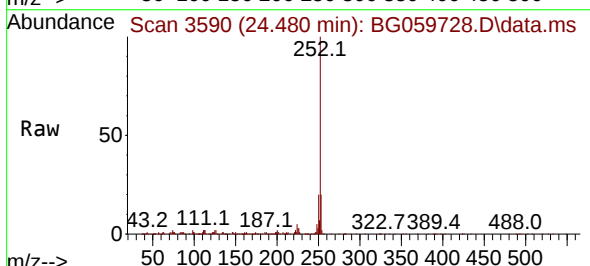
Manual Integrations
 APPROVED

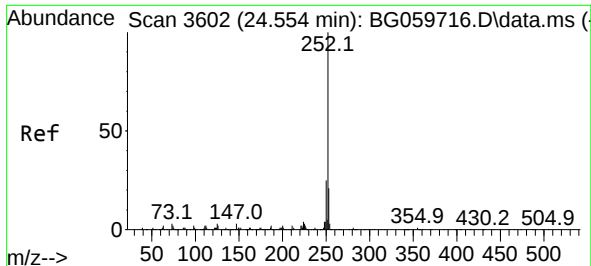
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#88
 Benzo(b)fluoranthene
 Concen: 45.653 ng
 RT: 24.480 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: BG059728.D
 Acq: 17 Nov 2023 12:04

Tgt Ion:252 Resp: 808422
 Ion Ratio Lower Upper
 252 100
 253 20.4 18.3 27.5
 125 2.1 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 44.943 ng
RT: 24.551 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

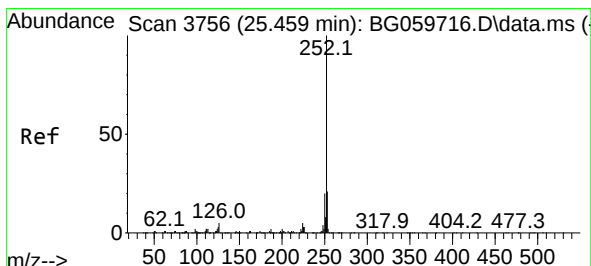
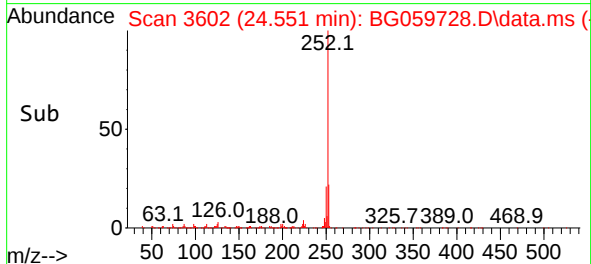
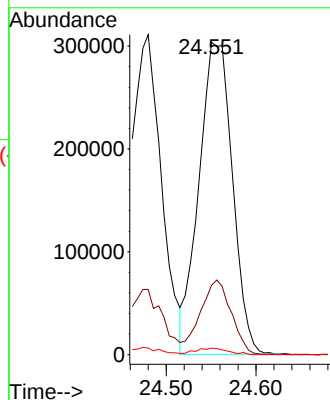
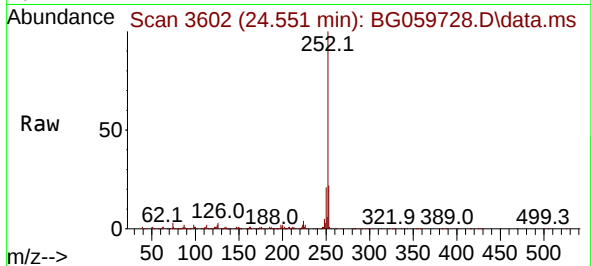
ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 786808
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 2.1 2.2 3.2

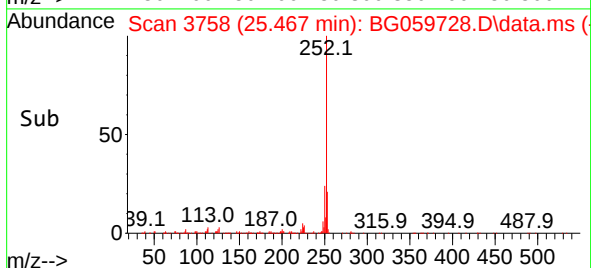
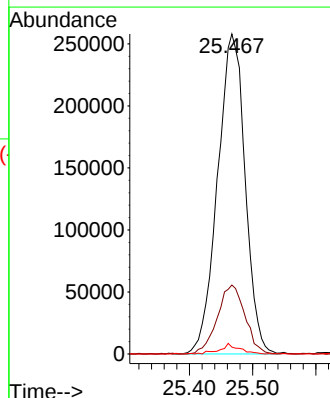
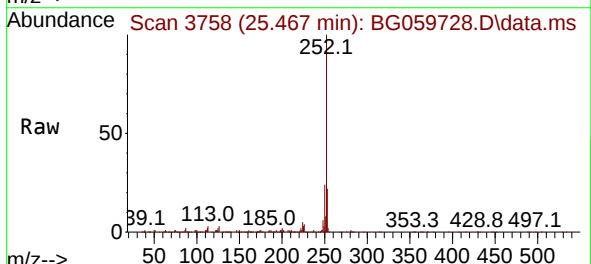
Manual Integrations
APPROVED

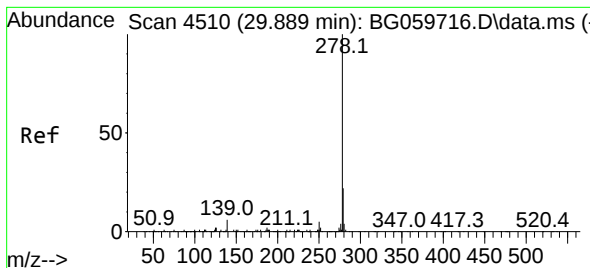
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#90
Benzo(a)pyrene
Concen: 41.327 ng
RT: 25.467 min Scan# 3758
Delta R.T. 0.008 min
Lab File: BG059728.D
Acq: 17 Nov 2023 12:04

Tgt Ion:252 Resp: 781030
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 2.1 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 40.689 ng

RT: 29.897 min Scan# 4

Delta R.T. 0.008 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 84156

Ion Ratio Lower Upper

278 100

139 4.7 4.6 7.0

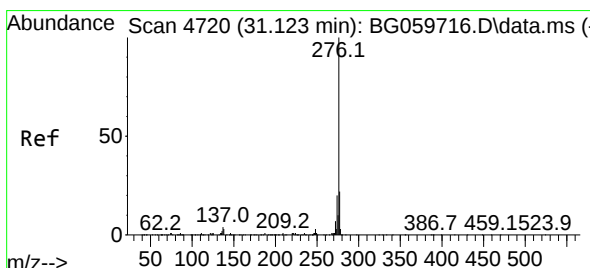
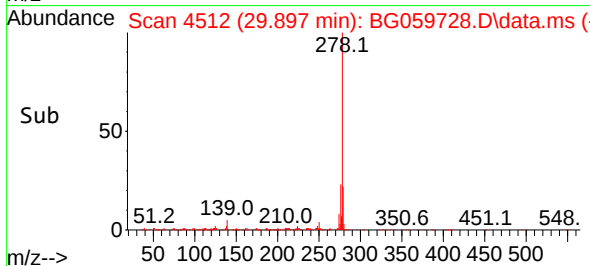
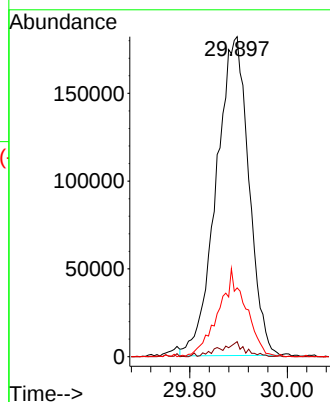
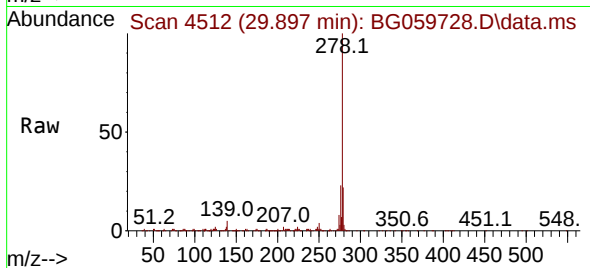
279 21.5 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#92

Benzo(g,h,i)perylene

Concen: 40.123 ng

RT: 31.137 min Scan# 4723

Delta R.T. 0.014 min

Lab File: BG059728.D

Acq: 17 Nov 2023 12:04

Tgt Ion:276 Resp: 787417

Ion Ratio Lower Upper

276 100

277 25.8 17.3 25.9

138 5.2 2.6 4.0#

