

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059904.D
 Acq On : 27 Nov 2023 16:14
 Operator : MA/JU
 Sample : 05425-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MS

Quant Time: Nov 27 23:12:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	27150	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	134554	20.000	ng	# 0.00
39) Acenaphthene-d10	14.942	164	92826	20.000	ng	# 0.00
64) Phenanthrene-d10	17.691	188	209353	20.000	ng	0.00
76) Chrysene-d12	22.010	240	169586	20.000	ng	# 0.00
86) Perylene-d12	25.570	264	228661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	244091	151.322	ng	0.00
7) Phenol-d6	7.439	99	291333	121.877	ng	0.00
23) Nitrobenzene-d5	9.507	82	267343	75.883	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	146808	139.389	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	575261	83.417	ng	0.00
79) Terphenyl-d14	20.265	244	895873	77.986	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	22694	29.954	ng	# 90
3) Pyridine	4.049	79	65576	31.690	ng	91
4) n-Nitrosodimethylamine	3.978	42	53796	48.868	ng	# 65
6) Aniline	7.627	93	61324	19.439	ng	95
8) 2-Chlorophenol	7.856	128	89446	51.114	ng	92
9) Benzaldehyde	7.445	77	16584	10.264	ng	88
10) Phenol	7.468	94	128357	52.101	ng	91
11) bis(2-Chloroethyl)ether	7.721	93	71111	46.368	ng	90
12) 1,3-Dichlorobenzene	8.191	146	97205	50.008	ng	92
13) 1,4-Dichlorobenzene	8.344	146	105836	54.221	ng	98
14) 1,2-Dichlorobenzene	8.661	146	97551	50.303	ng	94
15) Benzyl Alcohol	8.549	79	130836	47.998	ng	# 91
16) 2,2'-oxybis(1-Chloropr...	8.819	45	28142	49.875	ng	# 70
17) 2-Methylphenol	8.737	107	90007	49.601	ng	88
18) Hexachloroethane	9.395	117	44850	54.135	ng	# 80
19) n-Nitroso-di-n-propyla...	9.113	70	78953	41.943	ng	# 91
20) 3+4-Methylphenols	9.072	107	123032	48.839	ng	89
22) Acetophenone	9.154	105	173417	45.523	ng	# 91
24) Nitrobenzene	9.554	77	152017	46.850	ng	98
25) Isophorone	10.059	82	248042	41.937	ng	100
26) 2-Nitrophenol	10.265	139	58045	48.794	ng	# 86
27) 2,4-Dimethylphenol	10.282	122	106631	44.086	ng	94
28) bis(2-Chloroethoxy)met...	10.541	93	102507	46.120	ng	# 96
29) 2,4-Dichlorophenol	10.782	162	104693	50.698	ng	85
30) 1,2,4-Trichlorobenzene	11.005	180	113231	54.255	ng	# 88
31) Naphthalene	11.211	128	334695	49.468	ng	98
32) Benzoic acid	10.418	122	69084	41.969	ng	88
33) 4-Chloroaniline	11.328	127	25382	8.820	ng	# 91
34) Hexachlorobutadiene	11.434	225	72198	50.830	ng	97
35) Caprolactam	12.127	113	32882m	43.569	ng	
36) 4-Chloro-3-methylphenol	12.398	107	134049	48.810	ng	89
37) 2-Methylnaphthalene	12.785	142	258403	45.346	ng	# 82
38) 1-Methylnaphthalene	13.003	142	253196	48.181	ng	98
40) 1,2,4,5-Tetrachloroben...	13.132	216	141707	56.526	ng	96
41) Hexachlorocyclopentadiene	13.079	237	174015	110.660	ng	84
43) 2,4,6-Trichlorophenol	13.379	196	90081	51.673	ng	97

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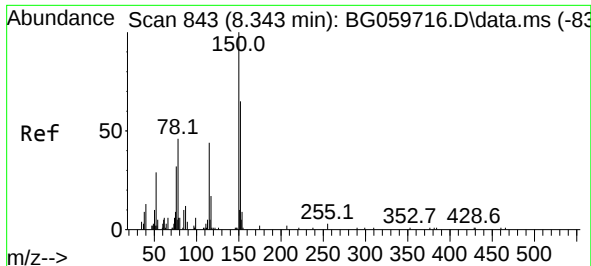
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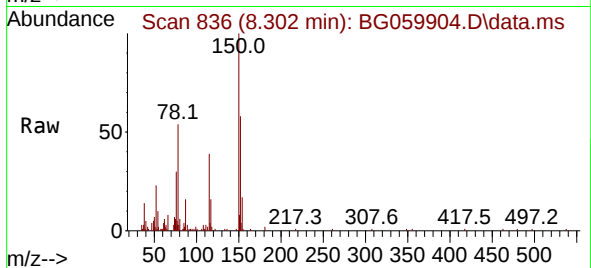
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44) 2,4,5-Trichlorophenol	13.449	196	97931	47.810	ng	# 72
46) 1,1'-Biphenyl	13.778	154	355757	48.827	ng	97
47) 2-Chloronaphthalene	13.831	162	247411	49.419	ng	97
48) 2-Nitroaniline	14.049	65	89273	49.944	ng	92
49) Acenaphthylene	14.671	152	418064	48.974	ng	97
50) Dimethylphthalate	14.384	163	342795	47.653	ng	97
51) 2,6-Dinitrotoluene	14.530	165	67596	49.533	ng	91
52) Acenaphthene	15.006	154	236913	46.147	ng	92
53) 3-Nitroaniline	14.865	138	29386	18.397	ng	# 92
54) 2,4-Dinitrophenol	15.065	184	89172	87.935	ng	# 64
55) Dibenzofuran	15.335	168	418418	49.433	ng	94
56) 4-Nitrophenol	15.153	139	109184	89.342	ng	98
57) 2,4-Dinitrotoluene	15.306	165	110536	52.670	ng	92
58) Fluorene	15.982	166	342148	48.654	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	15.547	232	89238	49.560	ng	99
60) Diethylphthalate	15.723	149	371900	48.205	ng	97
61) 4-Chlorophenyl-phenyle...	15.964	204	186802	51.609	ng	# 94
62) 4-Nitroaniline	16.035	138	58253	36.388	ng	# 82
63) Azobenzene	16.258	77	388666	45.333	ng	99
65) 4,6-Dinitro-2-methylph...	16.052	198	57032	44.577	ng	93
66) n-Nitrosodiphenylamine	16.187	169	306569	50.129	ng	98
67) 4-Bromophenyl-phenylether	16.863	248	118093	52.507	ng	99
68) Hexachlorobenzene	16.957	284	116544	55.520	ng	99
69) Atrazine	17.121	200	124440	63.465	ng	97
70) Pentachlorophenol	17.315	266	142682	89.094	ng	# 90
71) Phenanthrene	17.733	178	538464	50.589	ng	96
72) Anthracene	17.827	178	521687	47.172	ng	96
73) Carbazole	18.103	167	453614	46.950	ng	98
74) Di-n-butylphthalate	18.602	149	551381	47.213	ng	99
75) Fluoranthene	19.724	202	584523	45.792	ng	100
77) Benzidine	19.912	184	194053	50.462	ng	99
78) Pyrene	20.089	202	571154	49.500	ng	100
80) Butylbenzylphthalate	20.946	149	229446	48.495	ng	96
81) Benzo(a)anthracene	21.992	228	553264m	47.681	ng	
82) 3,3'-Dichlorobenzidine	21.898	252	93402	21.606	ng	99
83) Chrysene	22.063	228	483599	45.464	ng	96
84) Bis(2-ethylhexyl)phtha...	21.810	149	298816	45.179	ng	96
85) Di-n-octyl phthalate	23.138	149	523852	41.142	ng	99
87) Indeno(1,2,3-cd)pyrene	29.701	276	809034	46.760	ng	# 98
88) Benzo(b)fluoranthene	24.419	252	655401m	52.295	ng	
89) Benzo(k)fluoranthene	24.495	252	632930	51.083	ng	# 96
90) Benzo(a)pyrene	25.400	252	568957	42.537	ng	98
91) Dibenzo(a,h)anthracene	29.777	278	678634	46.360	ng	# 91
92) Benzo(g,h,i)perylene	31.023	276	632147	45.513	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

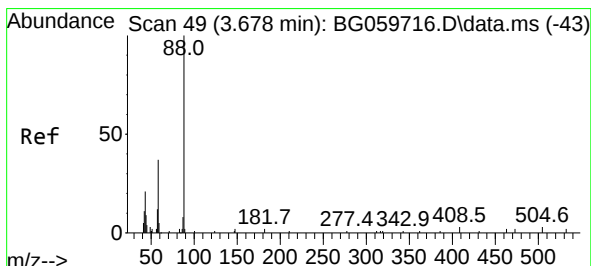
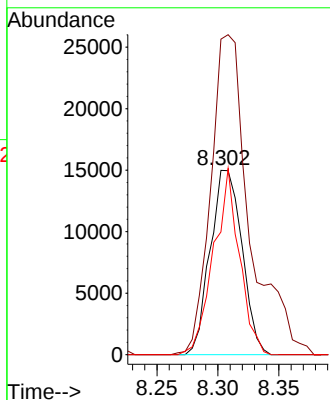
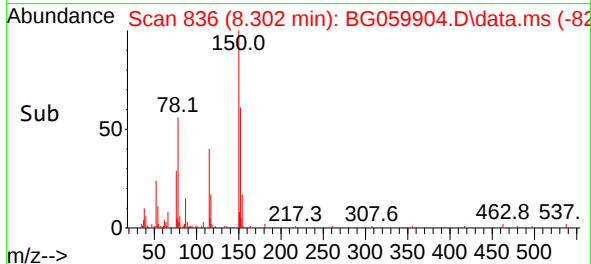
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:152 Resp: 27150
Ion Ratio Lower Upper
152 100
150 171.1 122.2 183.4
115 66.6 54.2 81.4

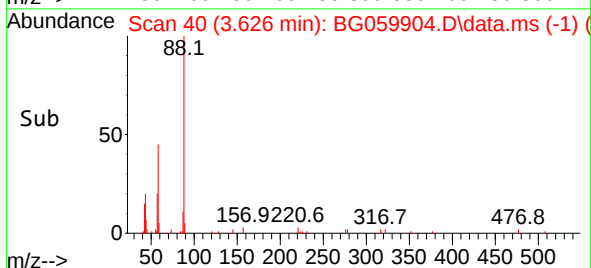
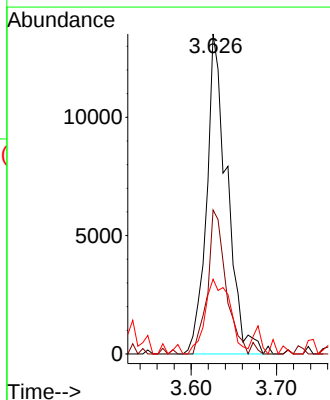
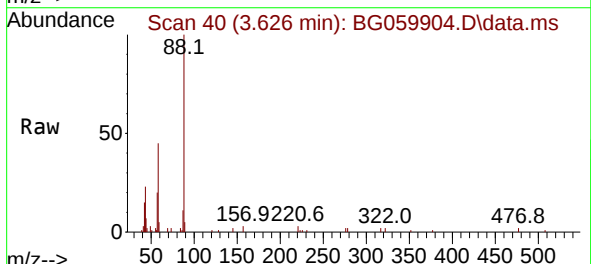
Manual Integrations
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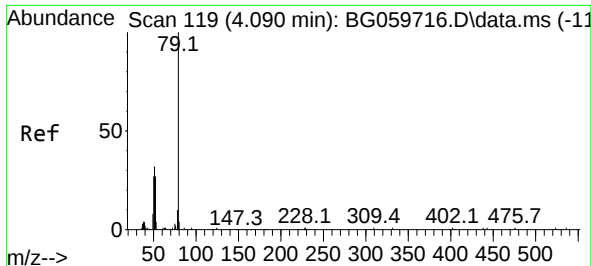
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 29.954 ng
RT: 3.626 min Scan# 40
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion: 88 Resp: 22694
Ion Ratio Lower Upper
88 100
58 39.9 28.6 42.8
43 28.3 17.5 26.3#





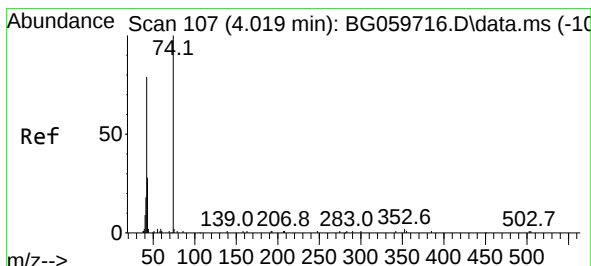
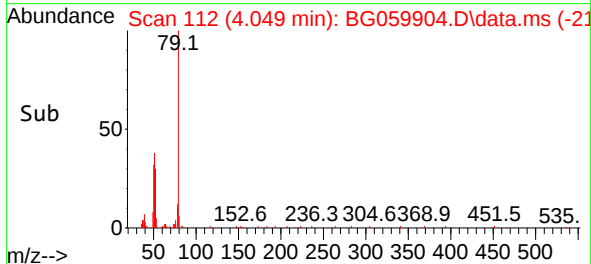
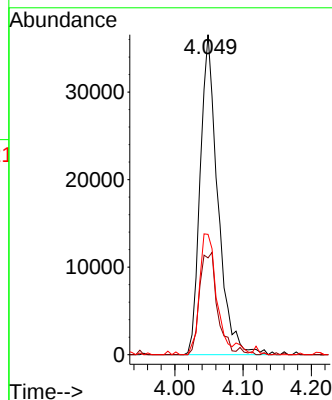
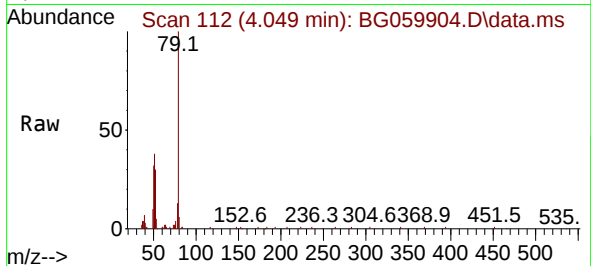
#3
Pyridine
Concen: 31.690 ng
RT: 4.049 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 79 Resp: 65570
Ion Ratio Lower Upper
79 100
52 30.3 21.6 32.4
51 37.6 25.3 37.9

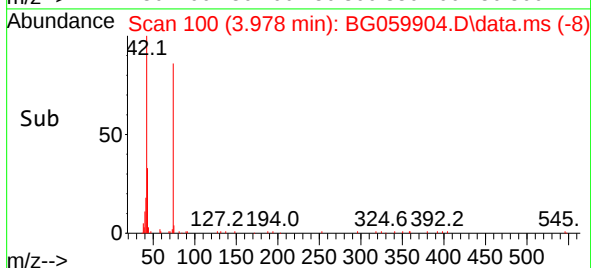
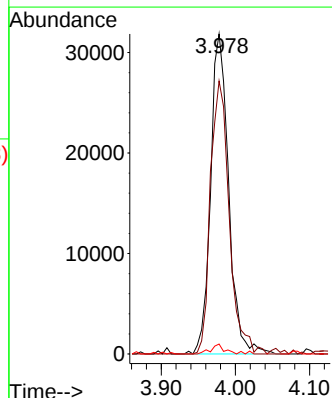
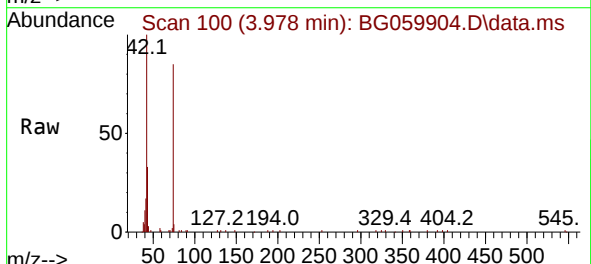
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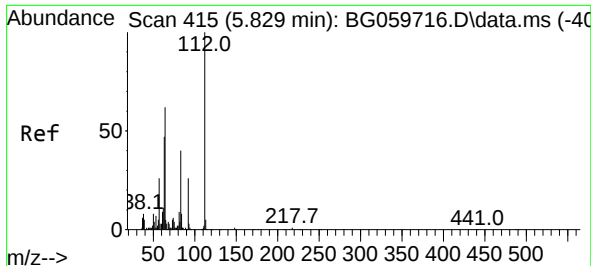
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 48.868 ng
RT: 3.978 min Scan# 100
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion: 42 Resp: 53796
Ion Ratio Lower Upper
42 100
74 85.3 101.2 151.8#
44 3.1 2.4 3.6





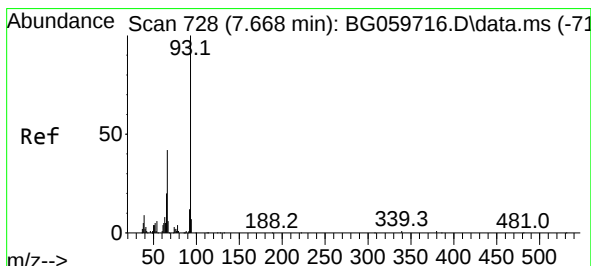
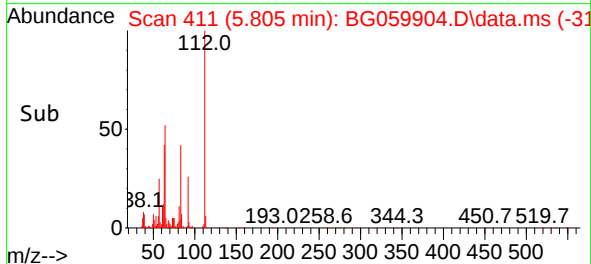
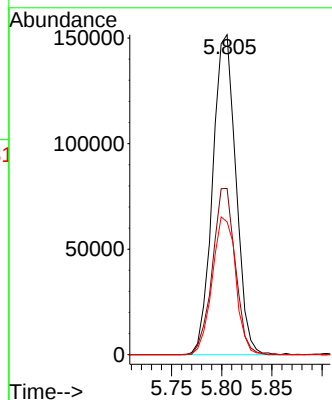
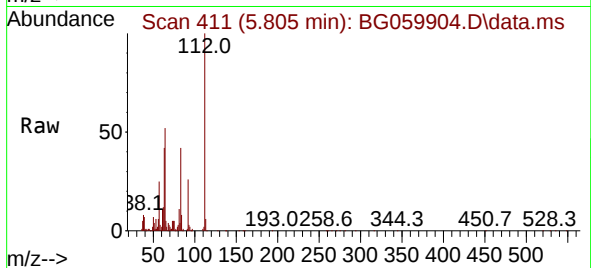
#5
2-Fluorophenol
Concen: 151.322 ng
RT: 5.805 min Scan# 415
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:112 Resp: 24409
Ion Ratio Lower Upper
112 100
64 52.0 49.5 74.3
63 41.5 37.4 56.2

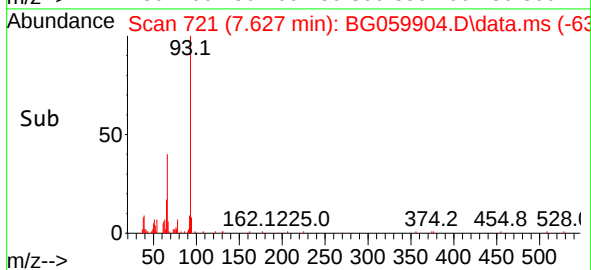
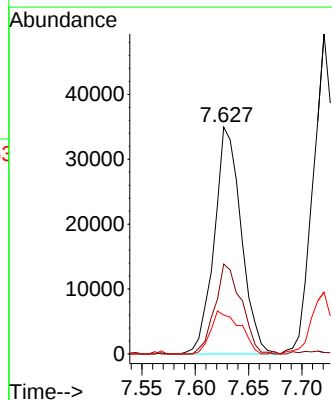
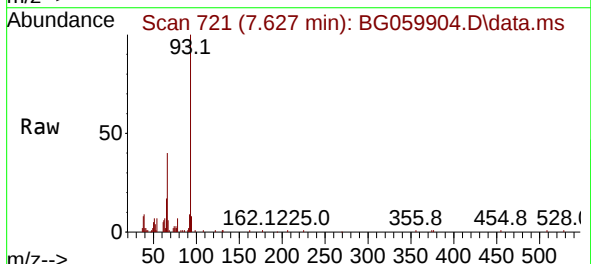
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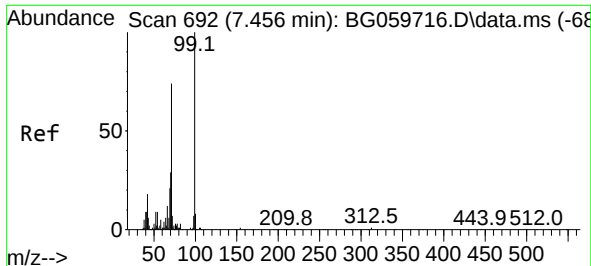
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 19.439 ng
RT: 7.627 min Scan# 721
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion: 93 Resp: 61324
Ion Ratio Lower Upper
93 100
66 39.7 33.9 50.9
65 17.1 15.8 23.8





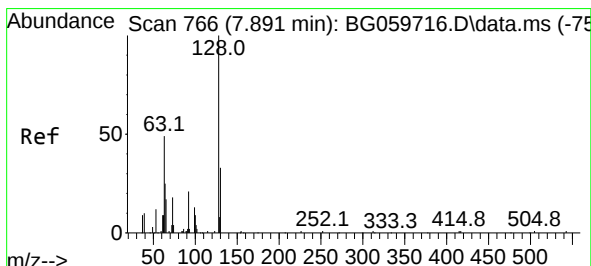
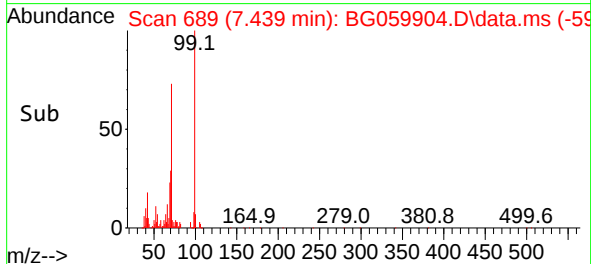
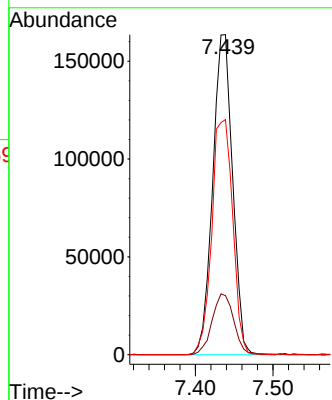
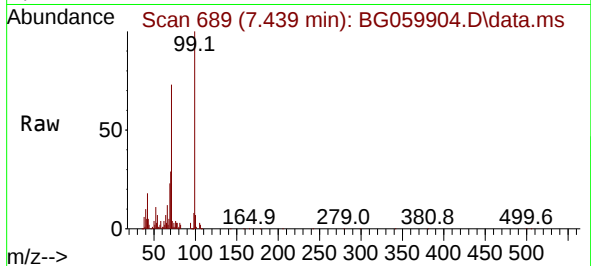
#7
Phenol-d6
Concen: 121.877 ng
RT: 7.439 min Scan# 692
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 99 Resp: 29133
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 73.4 59.3 88.9

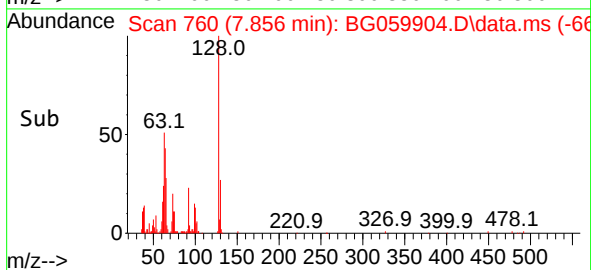
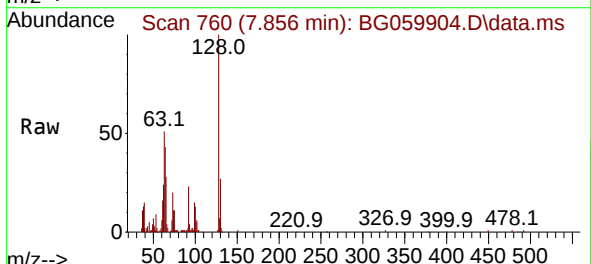
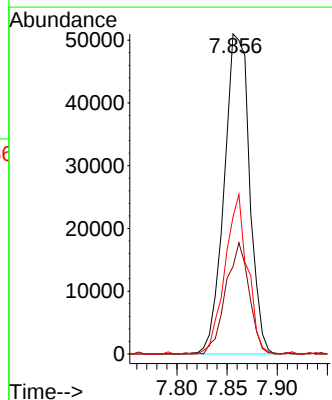
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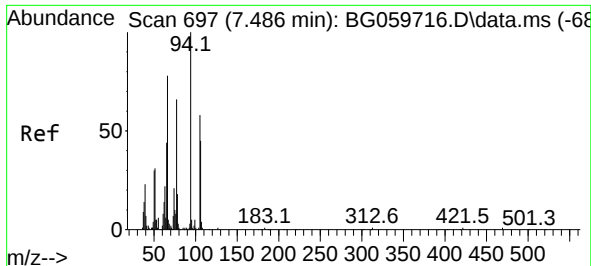
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#8
2-Chlorophenol
Concen: 51.114 ng
RT: 7.856 min Scan# 760
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:128 Resp: 89446
Ion Ratio Lower Upper
128 100
130 27.3 13.1 53.1
64 42.8 27.0 67.0





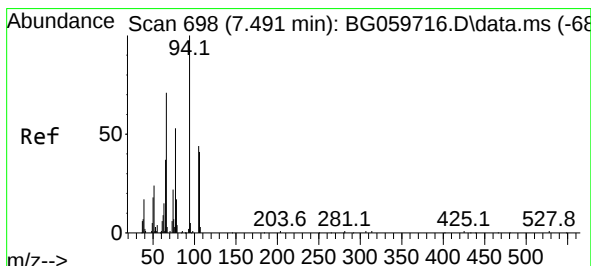
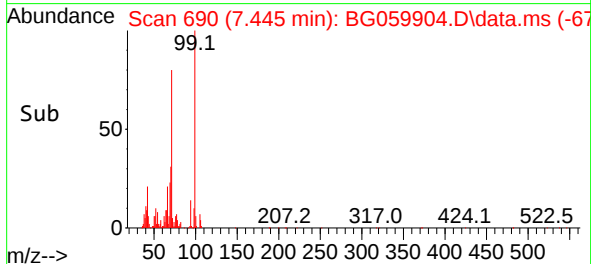
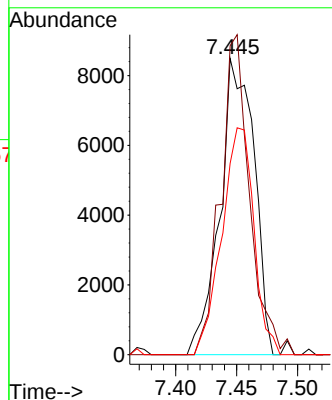
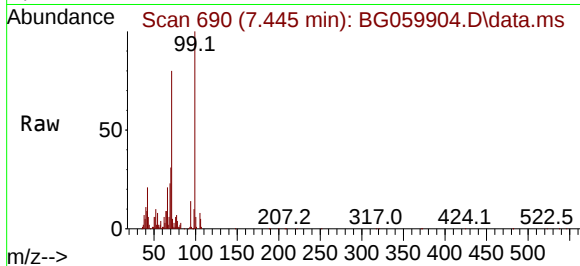
#9
Benzaldehyde
Concen: 10.264 ng
RT: 7.445 min Scan# 691
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 77 Resp: 16584
Ion Ratio Lower Upper
77 100
105 104.3 68.0 108.0
106 64.6 48.1 88.1

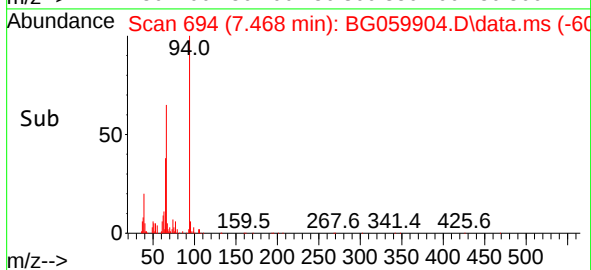
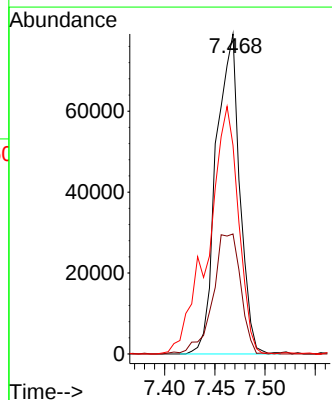
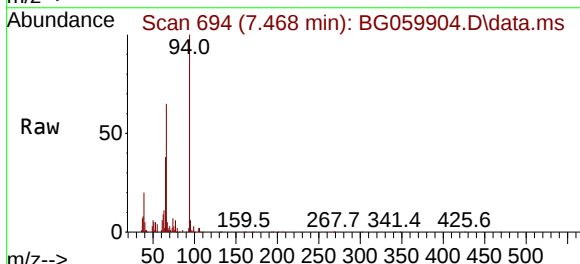
Manual Integrations
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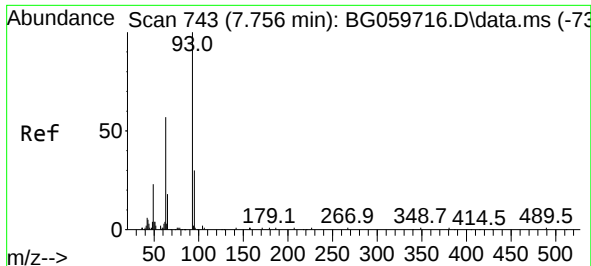
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 52.101 ng
RT: 7.468 min Scan# 694
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

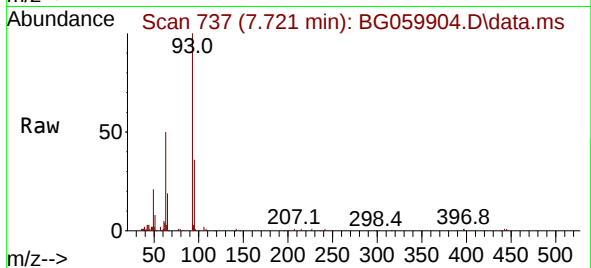
Tgt Ion: 94 Resp: 128357
Ion Ratio Lower Upper
94 100
65 37.5 18.1 58.1
66 65.2 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 46.368 ng
RT: 7.721 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

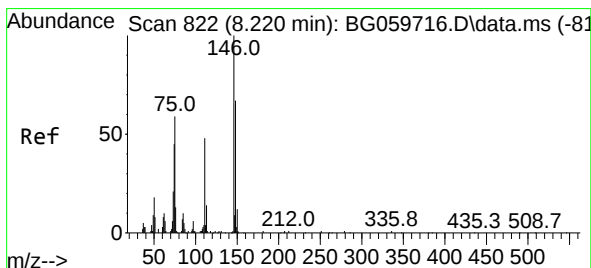
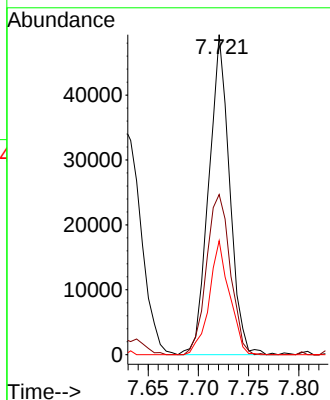
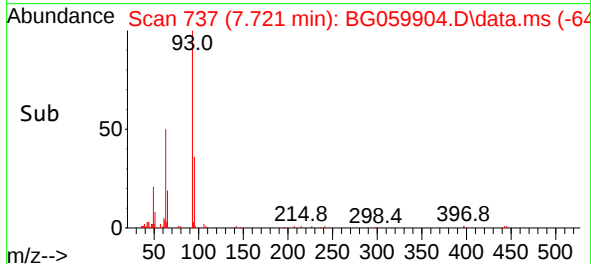
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 93 Resp: 7111
Ion Ratio Lower Upper
93 100
63 50.1 37.2 77.2
95 35.6 10.2 50.2

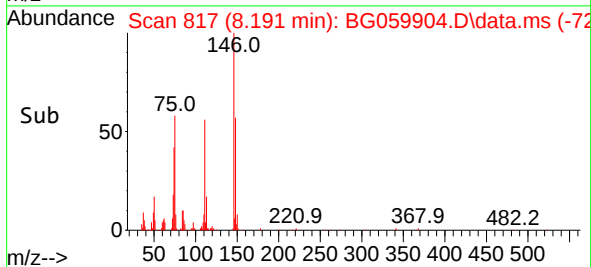
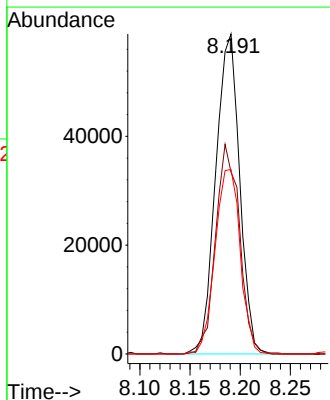
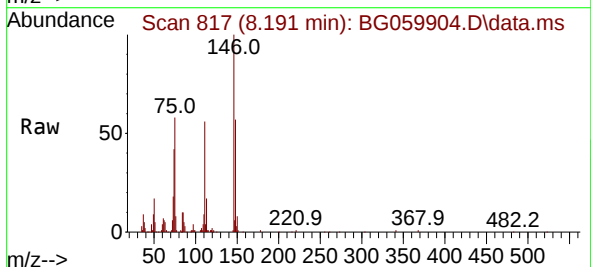
Manual Integrations
APPROVED

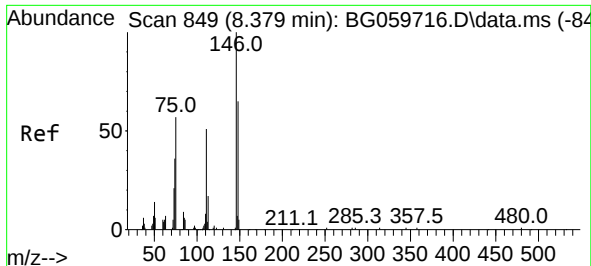
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 50.008 ng
RT: 8.191 min Scan# 817
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:146 Resp: 97205
Ion Ratio Lower Upper
146 100
148 56.9 53.9 80.9
75 57.7 47.5 71.3





#13

1,4-Dichlorobenzene

Concen: 54.221 ng

RT: 8.344 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

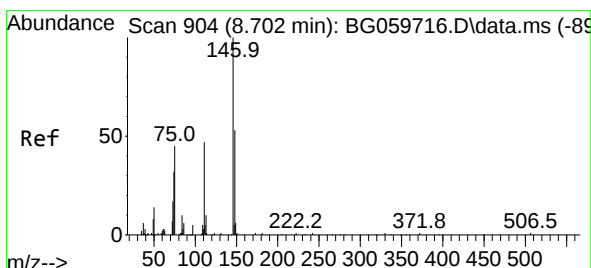
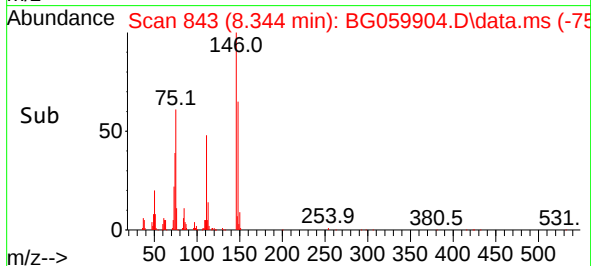
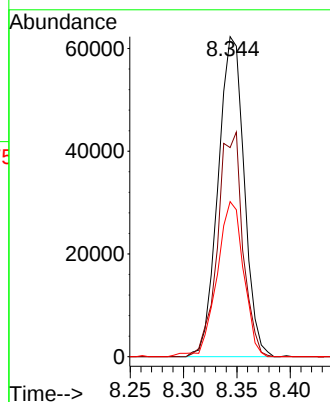
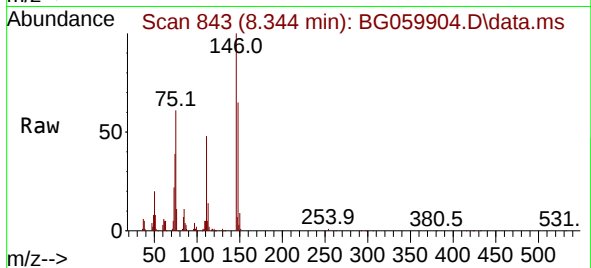
Tgt Ion:146 Resp: 105830
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 48.5 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#14

1,2-Dichlorobenzene

Concen: 50.303 ng

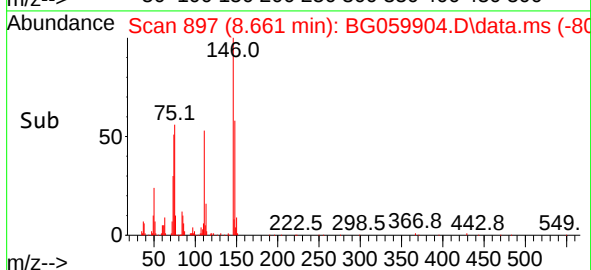
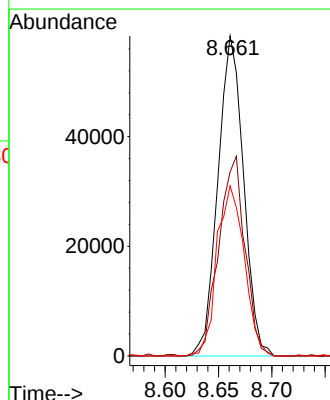
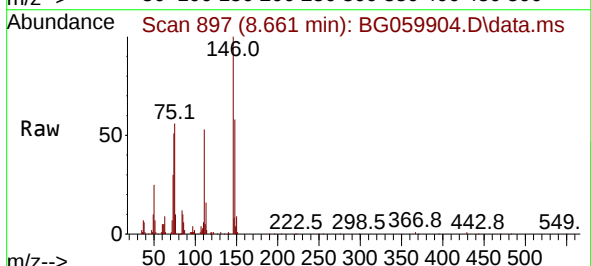
RT: 8.661 min Scan# 897

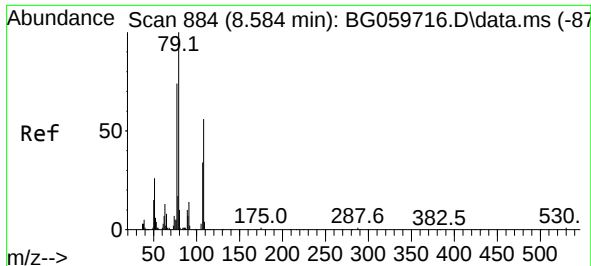
Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

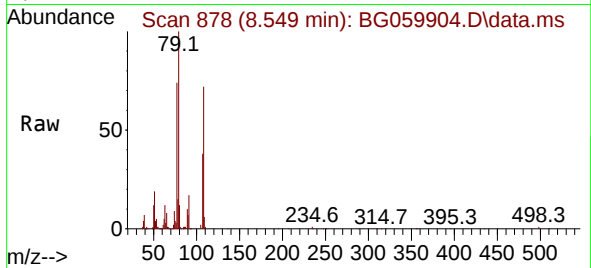
Tgt Ion:146 Resp: 97551
 Ion Ratio Lower Upper
 146 100
 148 57.6 43.1 64.7
 111 53.1 38.3 57.5





#15
Benzyl Alcohol
Concen: 47.998 ng
RT: 8.549 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

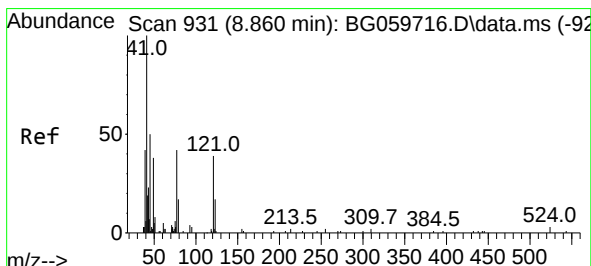
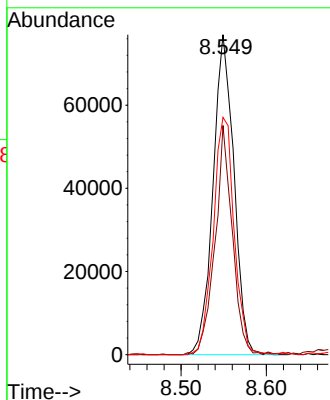
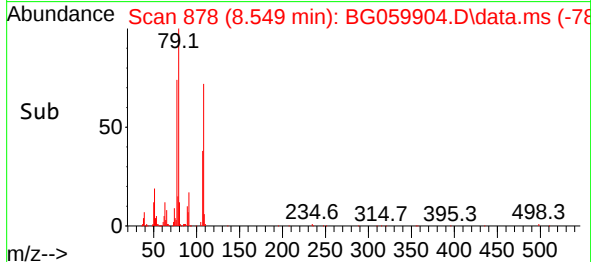
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 79 Resp: 130830
Ion Ratio Lower Upper
79 100
108 71.6 45.4 68.2
77 74.2 59.4 89.2

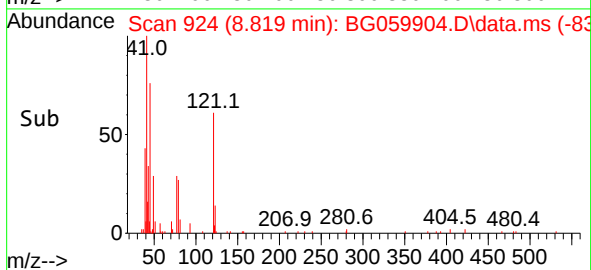
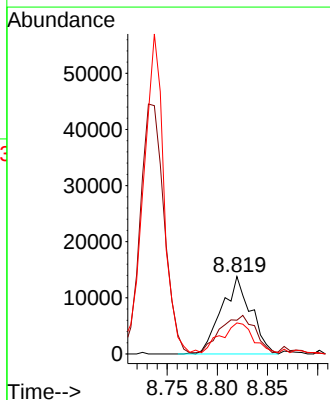
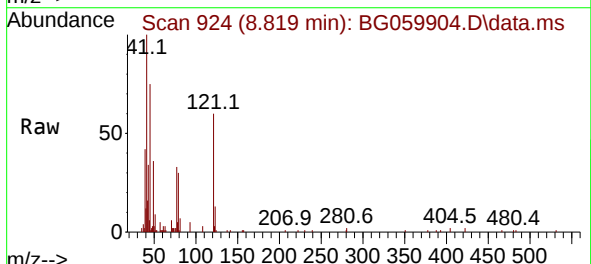
Manual Integrations
APPROVED

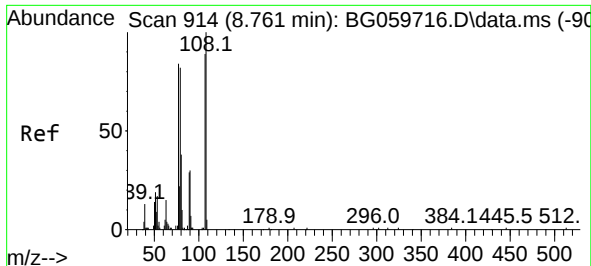
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.875 ng
RT: 8.819 min Scan# 924
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

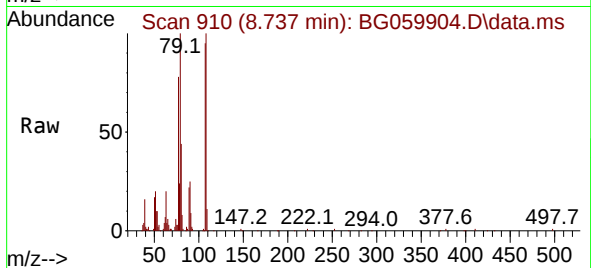
Tgt Ion: 45 Resp: 28142
Ion Ratio Lower Upper
45 100
77 43.6 63.6 103.6
79 40.0 19.6 59.6





#17
2-Methylphenol
Concen: 49.601 ng
RT: 8.737 min Scan# 914
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

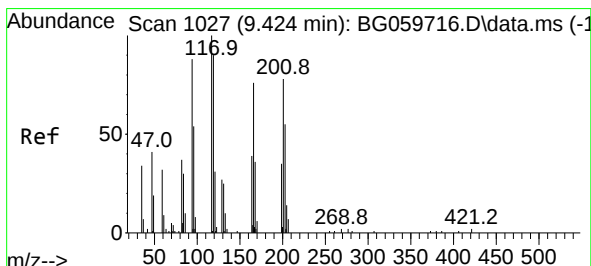
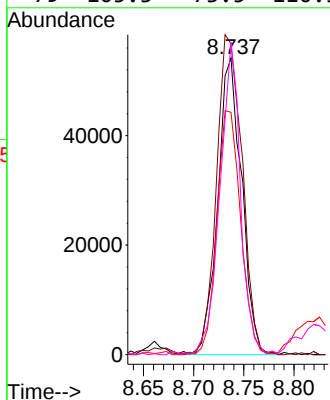
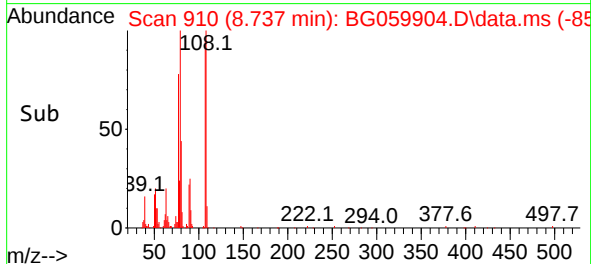
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:	107	Resp:	9000
Ion Ratio	Lower	Upper	
107	100		
108	104.8	90.0	135.0
77	81.7	76.5	114.7
79	105.3	73.5	110.3

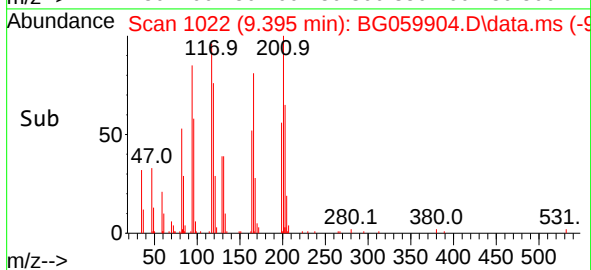
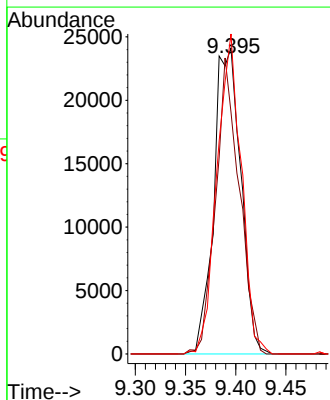
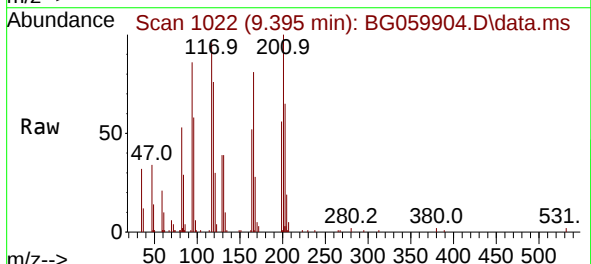
Manual Integrations
APPROVED

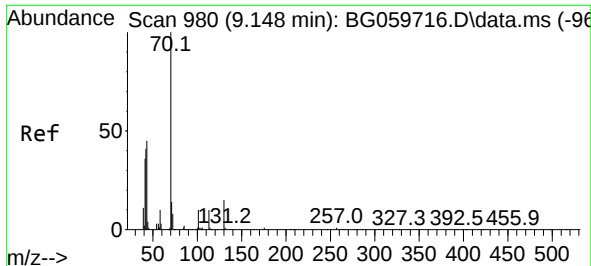
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 54.135 ng
RT: 9.395 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

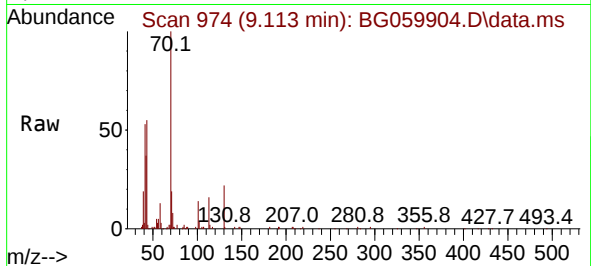
Tgt Ion:	117	Resp:	44850
Ion Ratio	Lower	Upper	
117	100		
119	79.0	71.8	107.8
201	104.6	62.2	93.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.943 ng
RT: 9.113 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

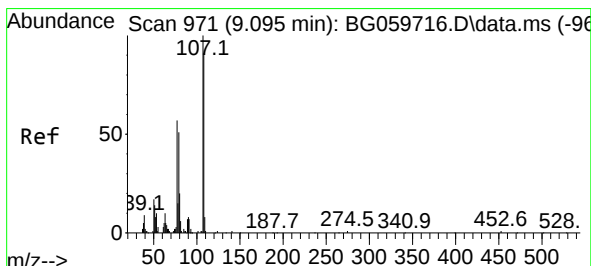
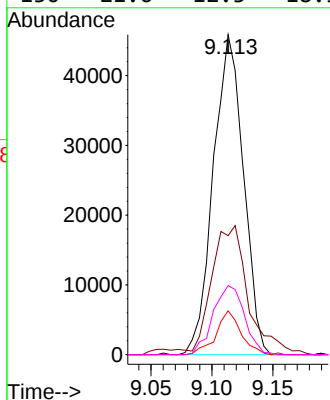
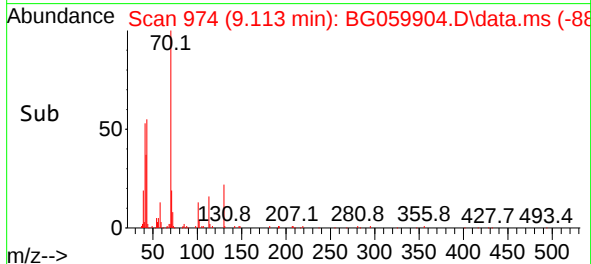
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



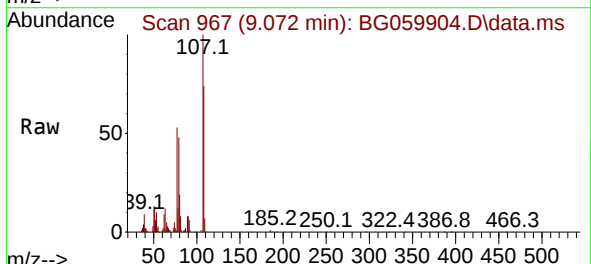
Tgt Ion:	70	Resp:	7895
Ion Ratio	Lower	Upper	
70	100		
42	37.2	32.8	49.2
101	13.7	7.7	11.5
130	21.6	12.3	18.5

Manual Integrations
APPROVED

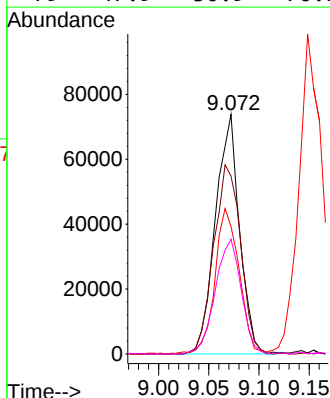
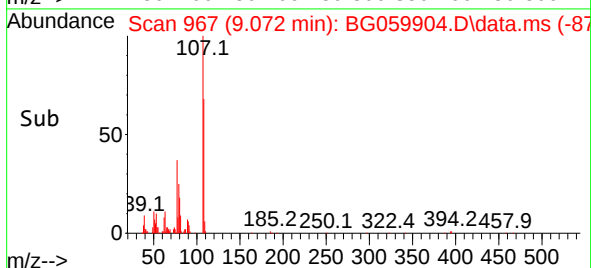
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

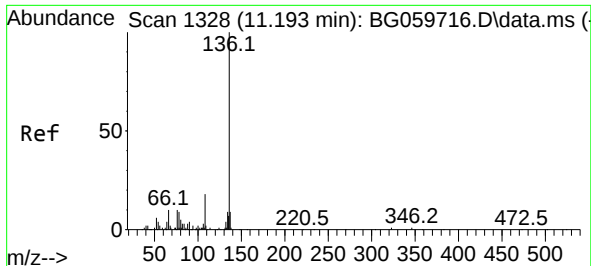


#20
3+4-Methylphenols
Concen: 48.839 ng
RT: 9.072 min Scan# 967
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



Tgt Ion:	107	Resp:	123032
Ion Ratio	Lower	Upper	
107	100		
108	74.3	71.1	111.1
77	53.2	37.5	77.5
79	47.9	30.9	70.9





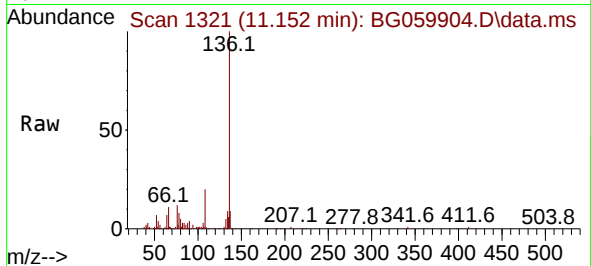
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.152 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS



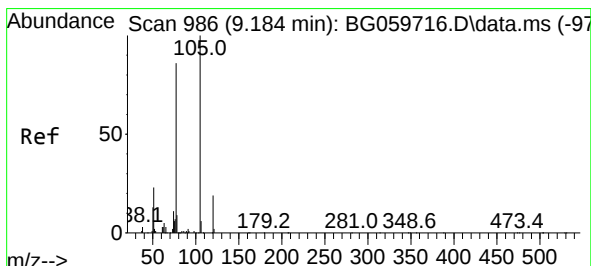
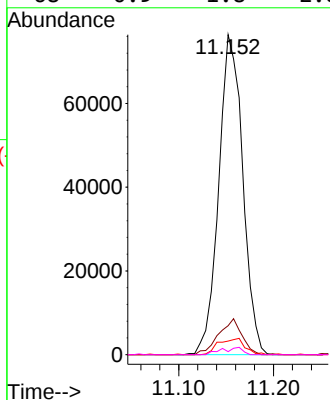
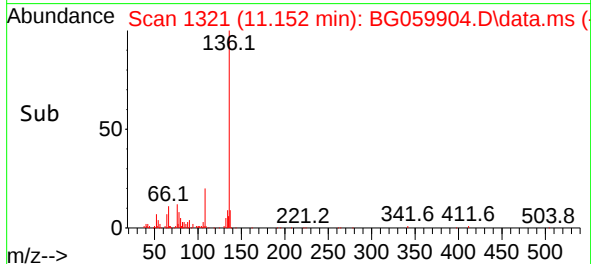
Tgt Ion:136 Resp: 134554
Ion Ratio Lower Upper
136 100
137 9.1 7.4 11.0
54 4.3 3.1 4.7
68 0.9 1.8 2.8#

Manual Integrations

APPROVED

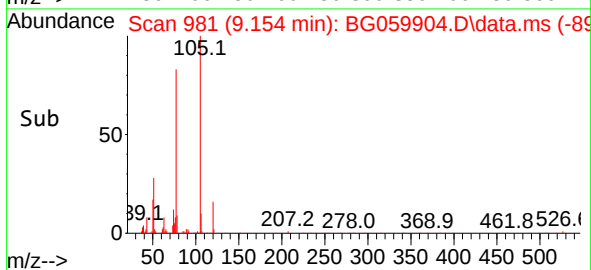
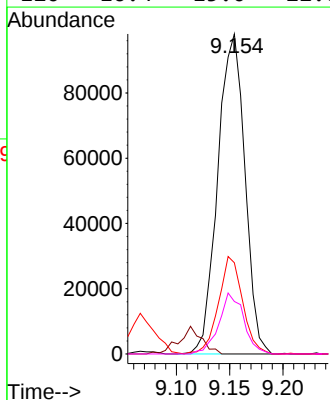
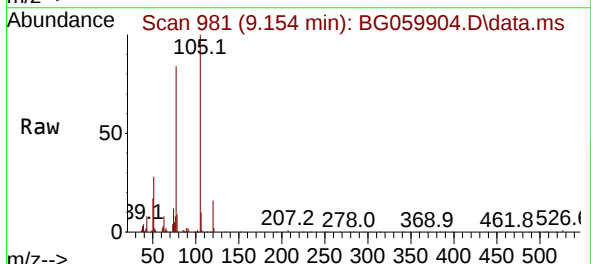
Reviewed By :Yogesh Patel 11/28/2023

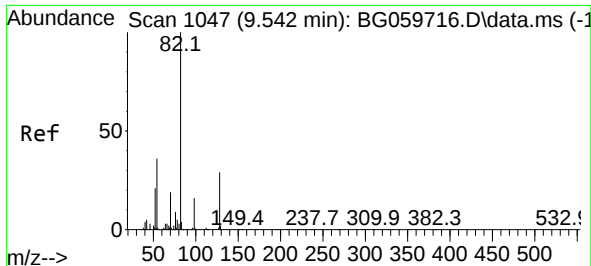
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 45.523 ng
RT: 9.154 min Scan# 981
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:105 Resp: 173417
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 28.5 18.4 27.6#
120 16.4 15.0 22.6





#23

Nitrobenzene-d5

Concen: 75.883 ng

RT: 9.507 min Scan# 1041

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 82 Resp: 26734

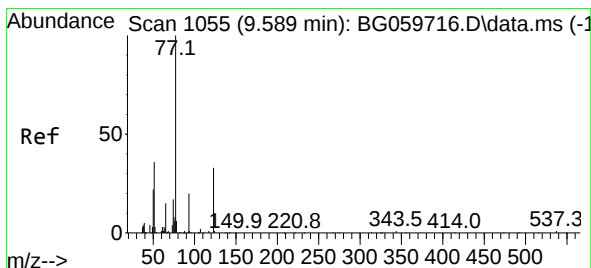
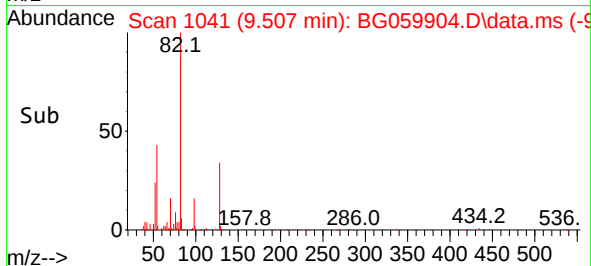
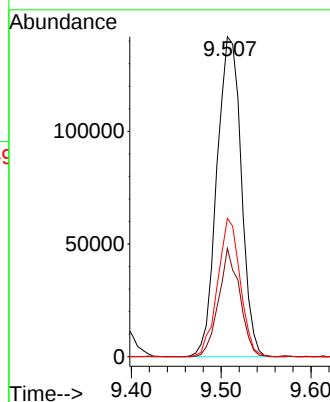
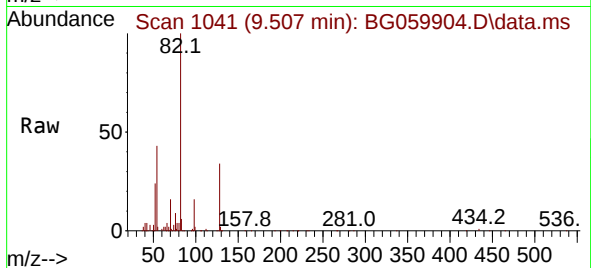
Ion	Ratio	Lower	Upper
82	100		
128	33.9	23.0	34.6
54	43.2	28.7	43.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#24

Nitrobenzene

Concen: 46.850 ng

RT: 9.554 min Scan# 1049

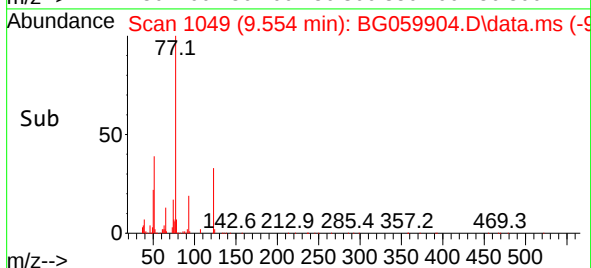
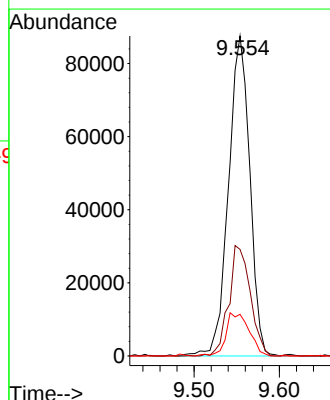
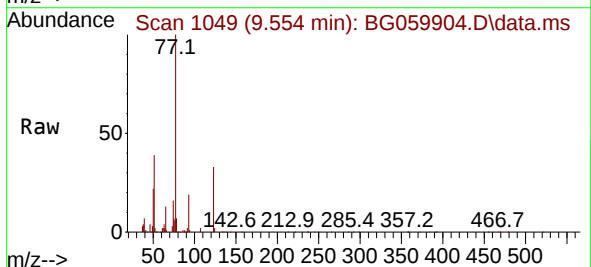
Delta R.T. 0.003 min

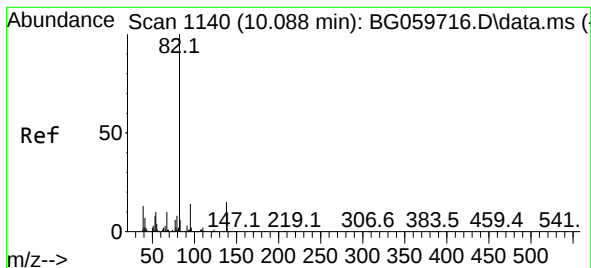
Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Tgt Ion: 77 Resp: 152017

Ion	Ratio	Lower	Upper
77	100		
123	33.3	26.1	39.1
65	13.0	12.1	18.1





#25

Isophorone

Concen: 41.937 ng

RT: 10.059 min Scan# 1135

Delta R.T. 0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

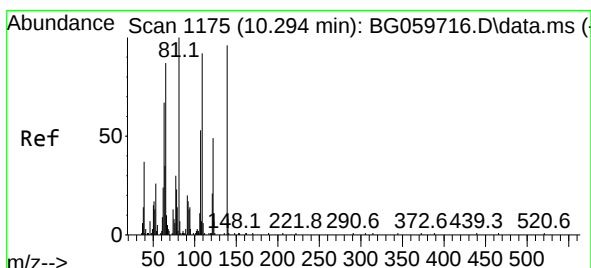
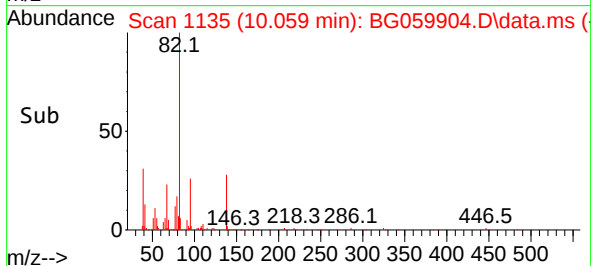
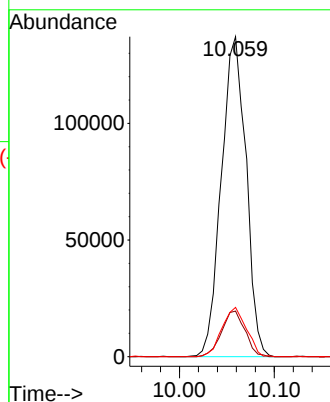
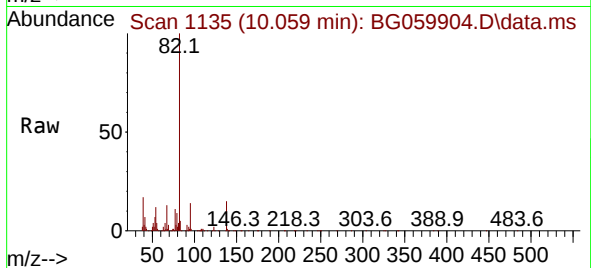
O-5(5-10)MS

Tgt Ion:	82	Resp:	24804
Ion Ratio	Lower	Upper	
82	100		
95	14.3	11.4	17.0
138	15.4	12.1	18.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#26

2-Nitrophenol

Concen: 48.794 ng

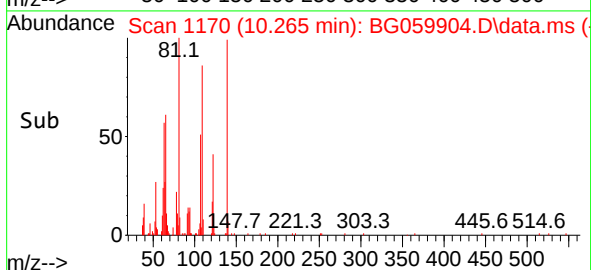
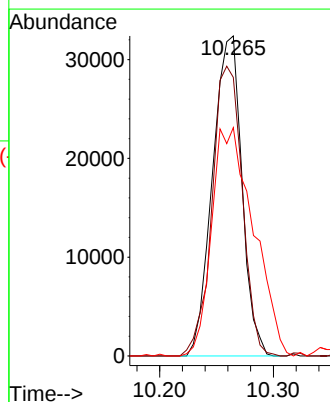
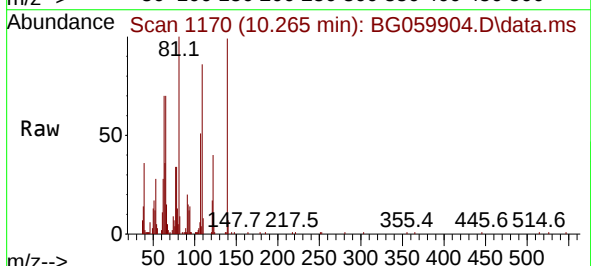
RT: 10.265 min Scan# 1170

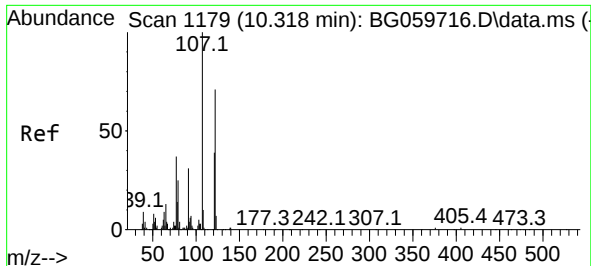
Delta R.T. 0.009 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

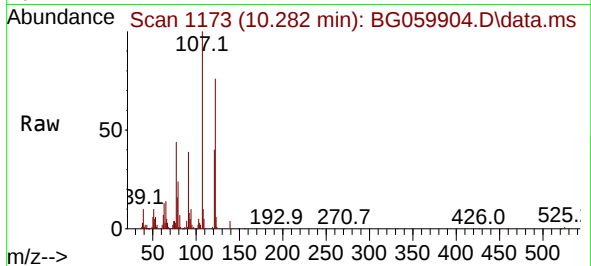
Tgt Ion:	139	Resp:	58045
Ion Ratio	Lower	Upper	
139	100		
109	87.1	76.7	115.1
65	71.4	72.1	108.1





#27
2,4-Dimethylphenol
Concen: 44.086 ng
RT: 10.282 min Scan# 1173
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

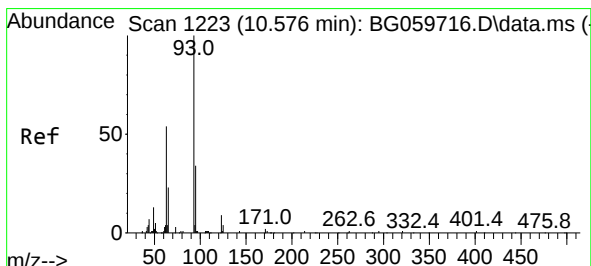
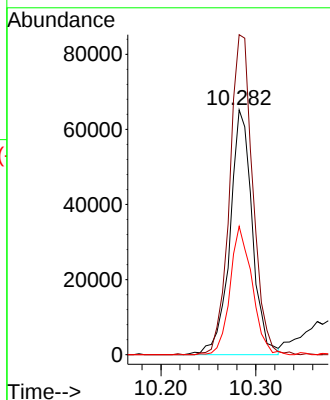
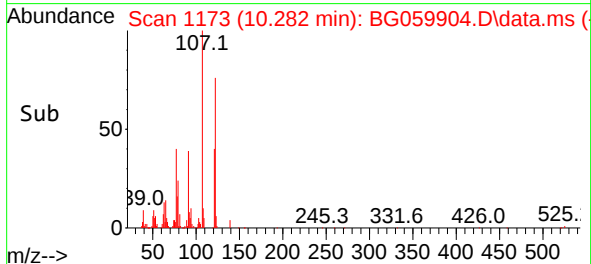
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:122 Resp: 10663
Ion Ratio Lower Upper
122 100
107 130.7 112.1 168.1
121 52.4 43.2 64.8

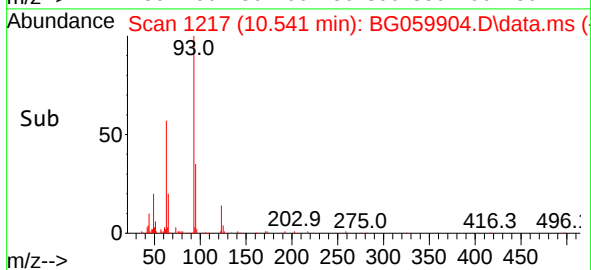
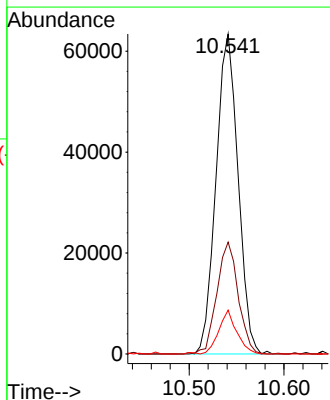
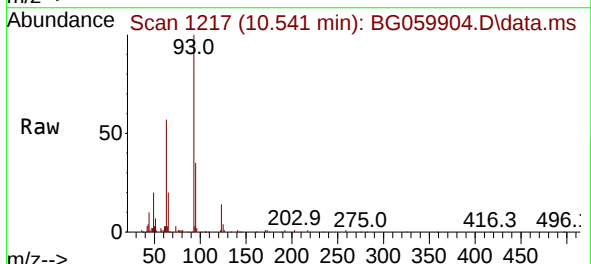
Manual Integrations
APPROVED

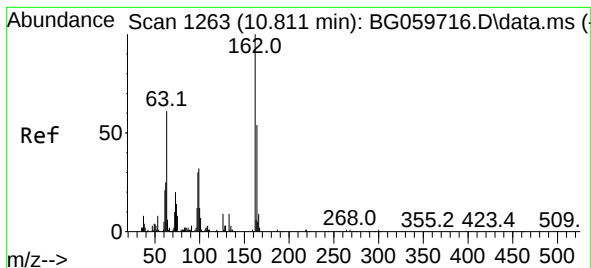
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.120 ng
RT: 10.541 min Scan# 1217
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

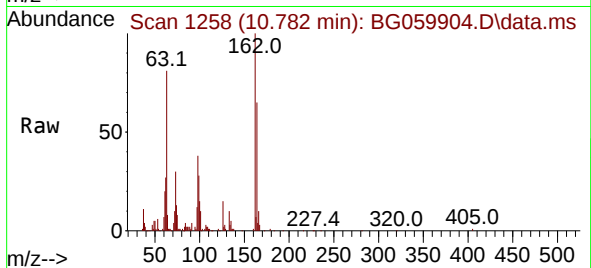
Tgt Ion: 93 Resp: 102507
Ion Ratio Lower Upper
93 100
95 34.9 27.0 40.6
123 13.7 7.6 11.4#





#29
2,4-Dichlorophenol
Concen: 50.698 ng
RT: 10.782 min Scan# 1258
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

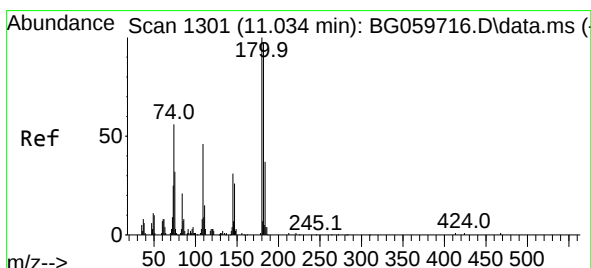
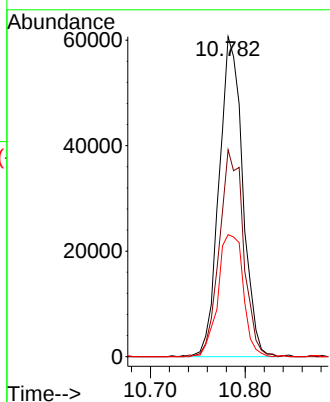
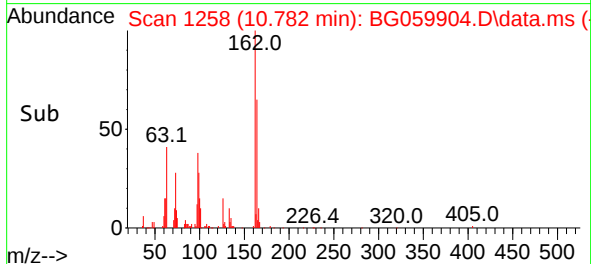
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



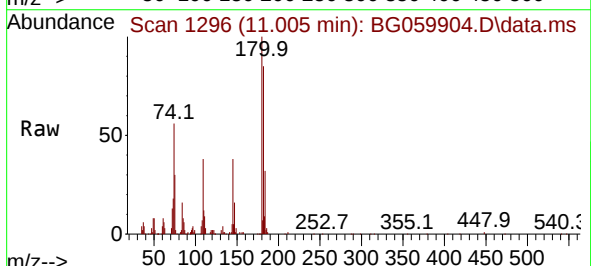
Tgt Ion:162 Resp: 10469
Ion Ratio Lower Upper
162 100
164 64.6 33.6 73.6
98 38.1 10.7 50.7

Manual Integrations
APPROVED

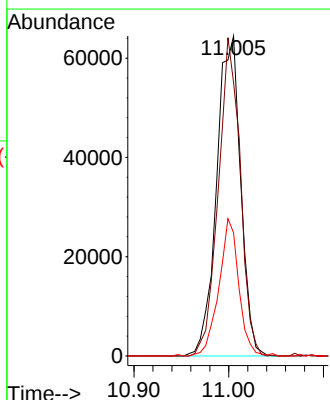
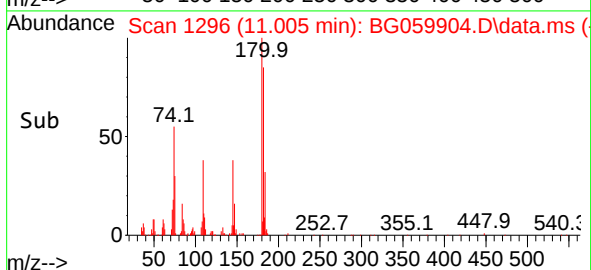
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

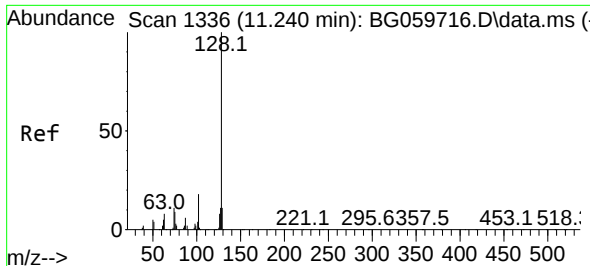


#30
1,2,4-Trichlorobenzene
Concen: 54.255 ng
RT: 11.005 min Scan# 1296
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



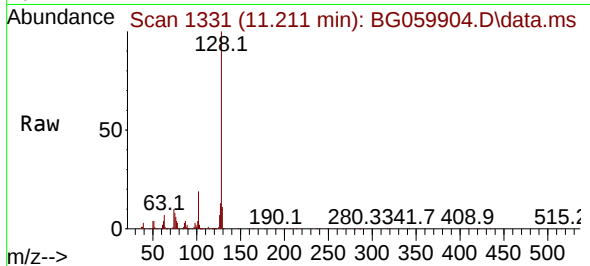
Tgt Ion:180 Resp: 113231
Ion Ratio Lower Upper
180 100
182 85.5 77.4 116.2
145 38.5 24.4 36.6#





#31
Naphthalene
Concen: 49.468 ng
RT: 11.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

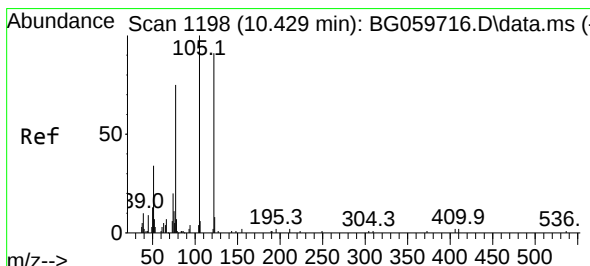
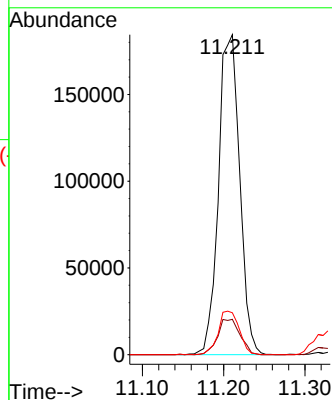
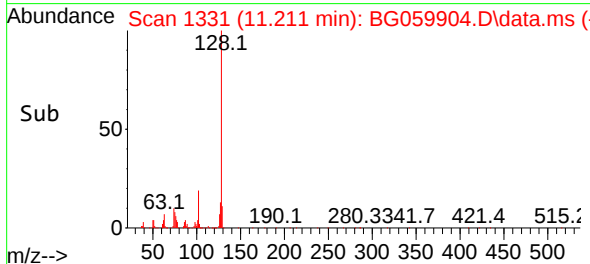
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:128 Resp: 33469
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 9.2 13.8

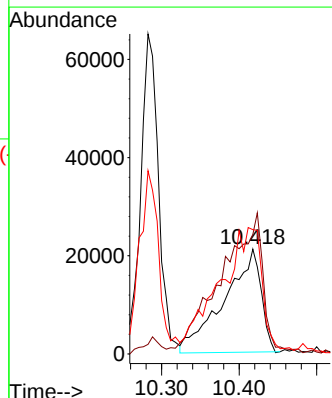
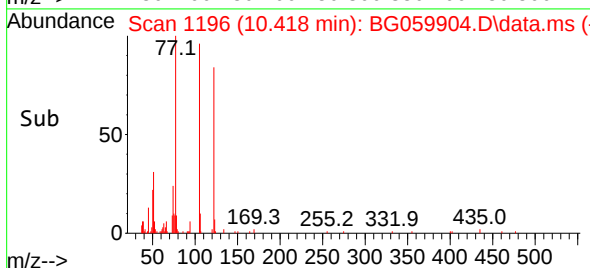
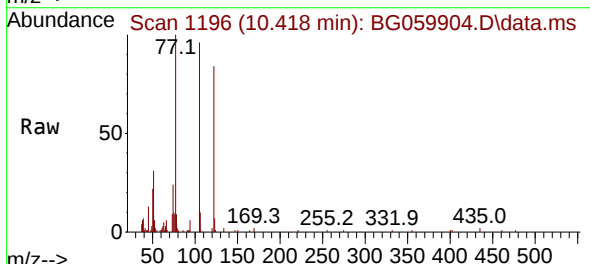
Manual Integrations
APPROVED

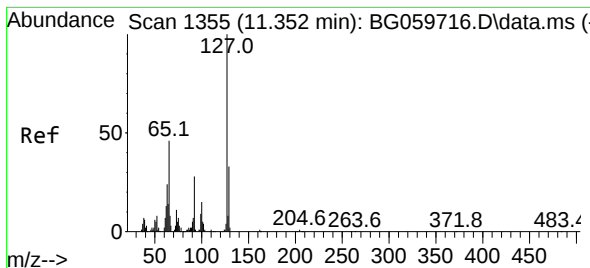
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 41.969 ng
RT: 10.418 min Scan# 1196
Delta R.T. 0.015 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:122 Resp: 69084
Ion Ratio Lower Upper
122 100
105 114.1 103.7 143.7
77 118.5 82.3 122.3





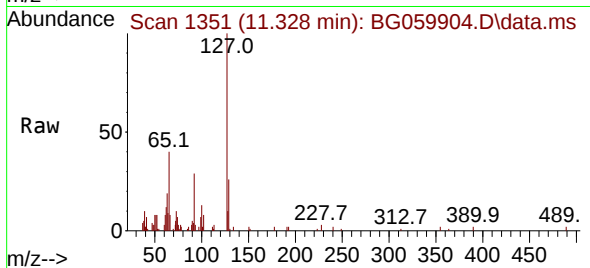
#33
4-Chloroaniline
Concen: 8.820 ng
RT: 11.328 min Scan# 1135
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS



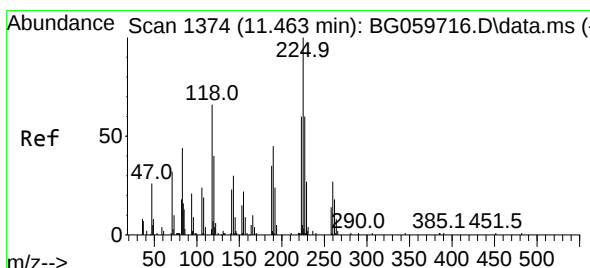
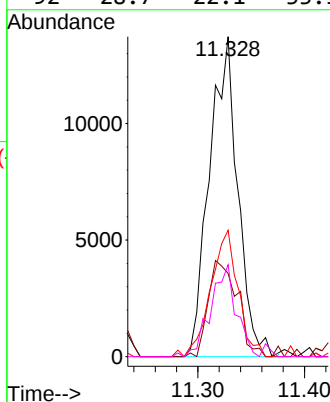
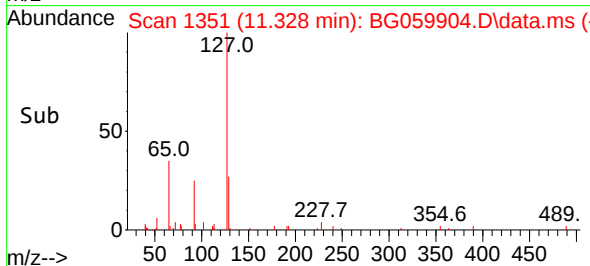
Tgt Ion:127 Resp: 2538
Ion Ratio Lower Upper
127 100
129 26.0 26.8 40.2
65 39.5 36.5 54.7
92 28.7 22.1 33.1

Manual Integrations

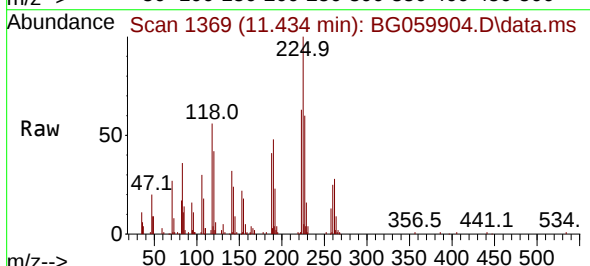
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

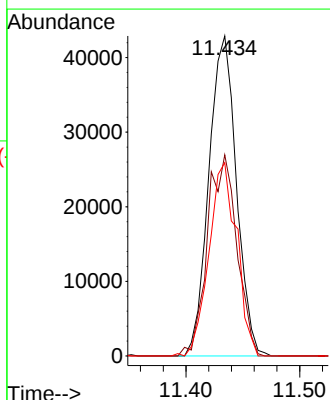
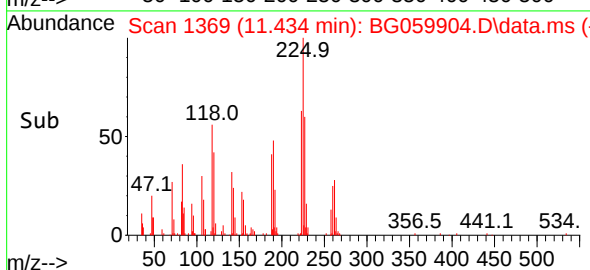
Supervised By :mohammad ahmed 11/28/2023

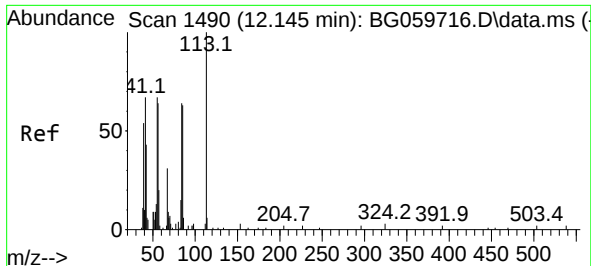


#34
Hexachlorobutadiene
Concen: 50.830 ng
RT: 11.434 min Scan# 1369
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



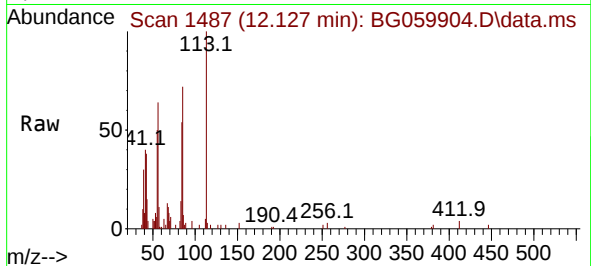
Tgt Ion:225 Resp: 72198
Ion Ratio Lower Upper
225 100
223 62.9 46.6 69.8
227 60.4 48.2 72.2





#35
Caprolactam
Concen: 43.569 ng m
RT: 12.127 min Scan# 1490
Delta R.T. 0.015 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

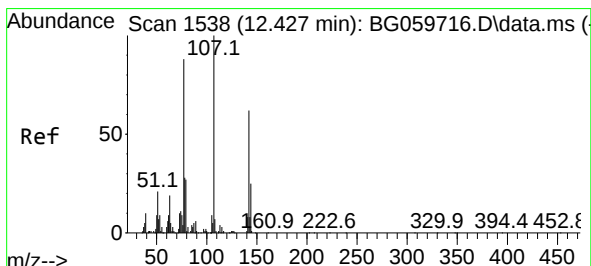
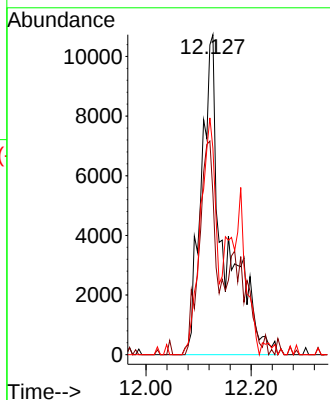
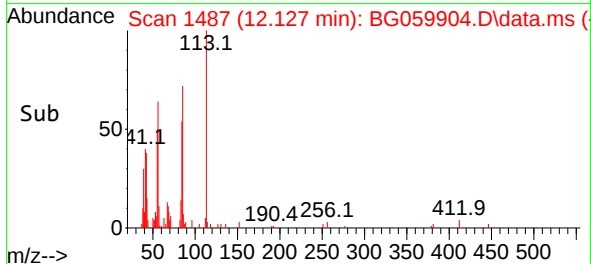
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:113 Resp: 3288
Ion Ratio Lower Upper
113 100
55 50.3 47.1 87.1
56 64.5 43.7 83.7

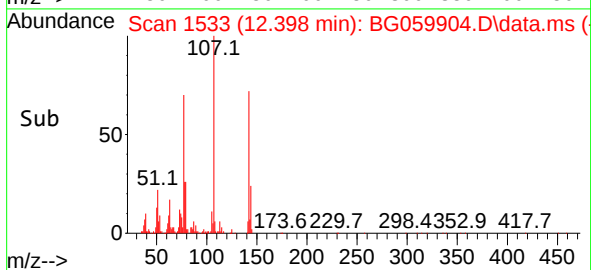
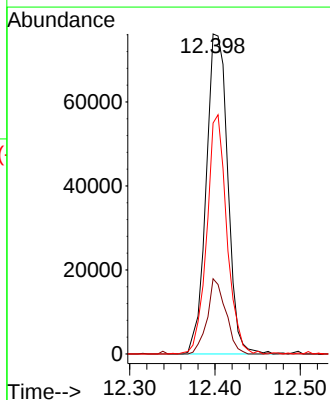
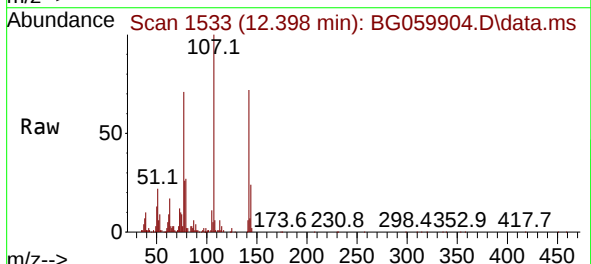
Manual Integrations
APPROVED

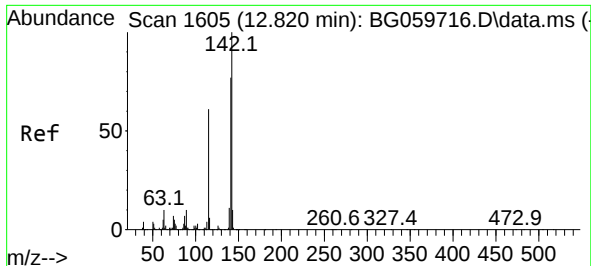
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#36
4-Chloro-3-methylphenol
Concen: 48.810 ng
RT: 12.398 min Scan# 1533
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:107 Resp: 134049
Ion Ratio Lower Upper
107 100
144 23.5 20.2 30.4
142 72.2 49.4 74.0





#37
2-Methylnaphthalene
Concen: 45.346 ng
RT: 12.785 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

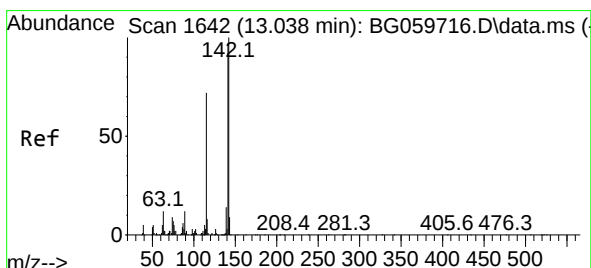
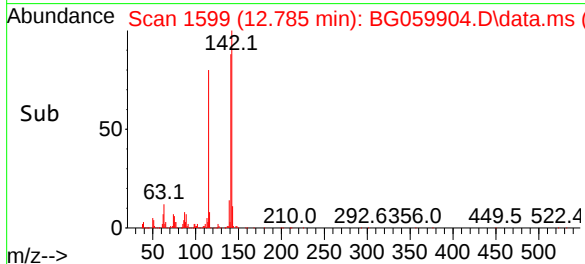
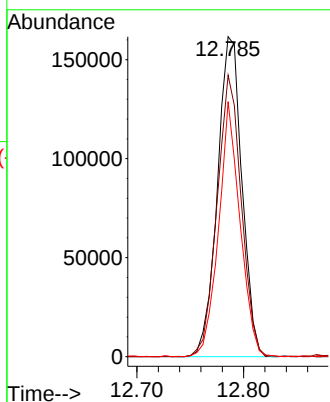
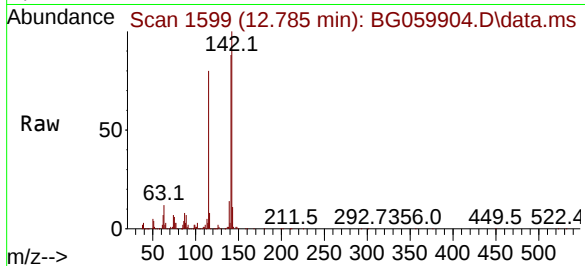
O-5(5-10)MS

Tgt Ion:142 Resp: 25840
Ion Ratio Lower Upper
142 100
141 88.0 61.9 92.9
115 79.7 49.0 73.4

Manual Integrations

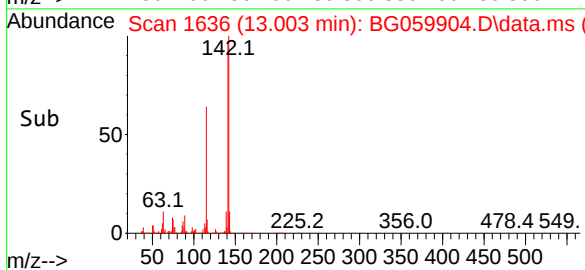
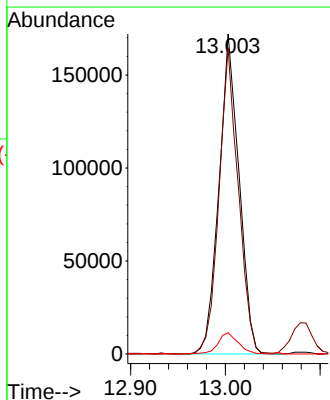
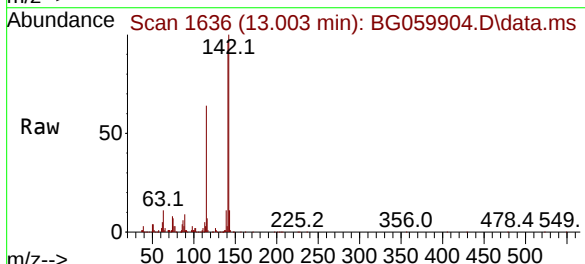
APPROVED

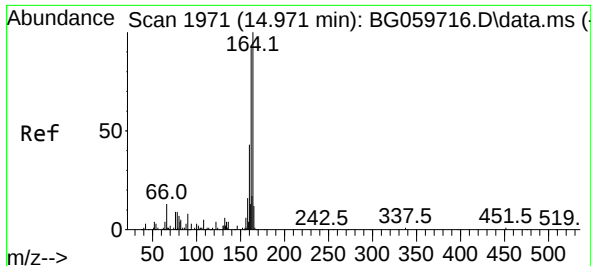
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 48.181 ng
RT: 13.003 min Scan# 1636
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:142 Resp: 253196
Ion Ratio Lower Upper
142 100
141 95.7 77.8 116.8
116 6.6 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

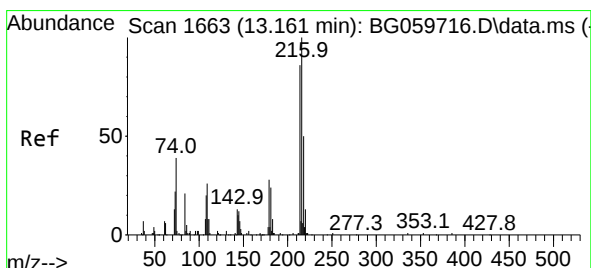
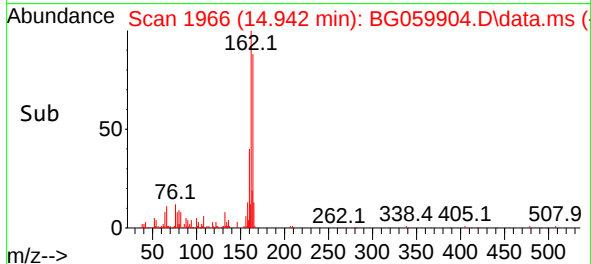
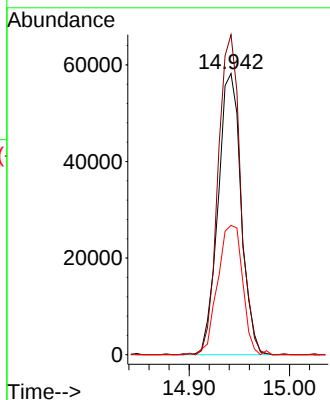
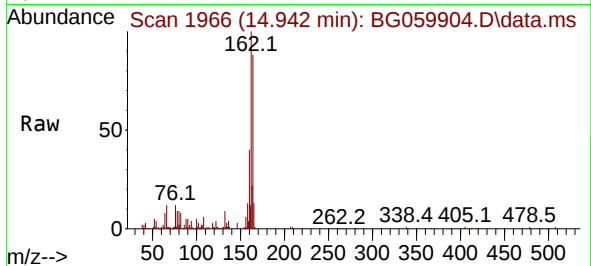
ClientSampleId :

O-5(5-10)MS

Tgt Ion:164 Resp: 92820
Ion Ratio Lower Upper
164 100
162 113.9 73.3 109.9
160 46.0 34.1 51.1

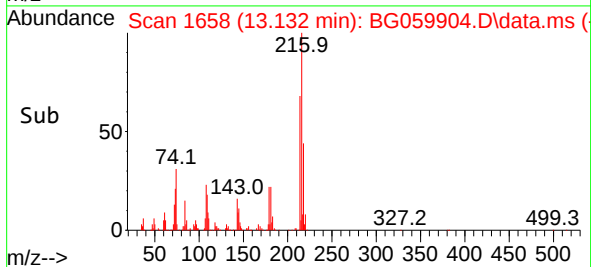
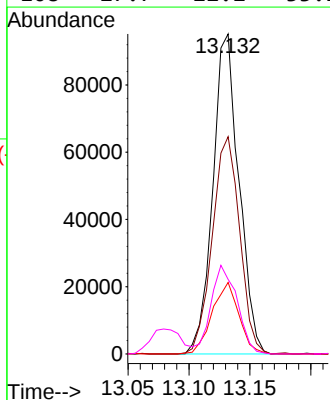
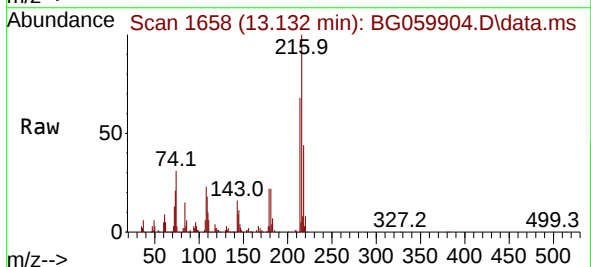
Manual Integrations
APPROVED

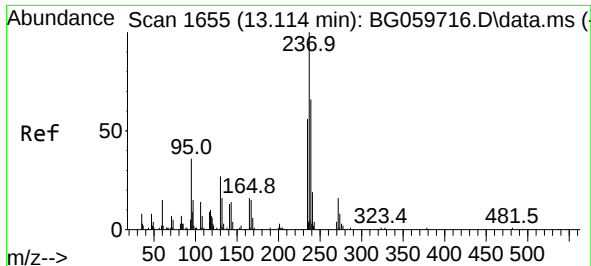
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.526 ng
RT: 13.132 min Scan# 1658
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

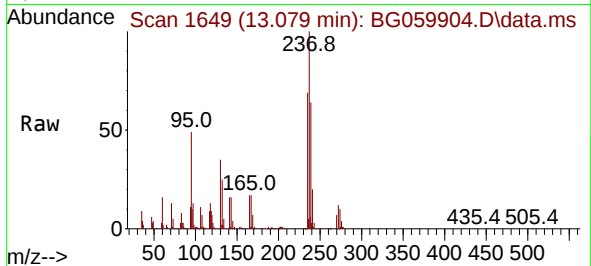
Tgt Ion:216 Resp: 141707
Ion Ratio Lower Upper
216 100
214 71.2 61.0 91.4
179 23.0 20.2 30.2
108 27.7 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 110.660 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

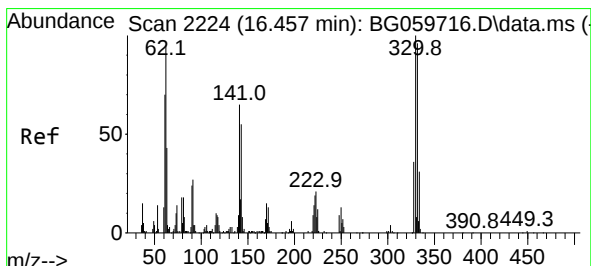
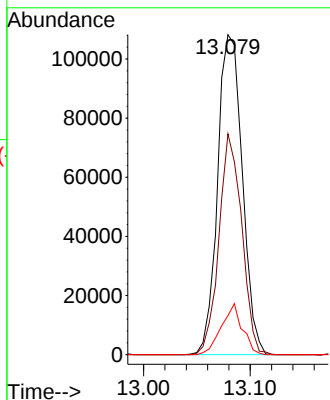
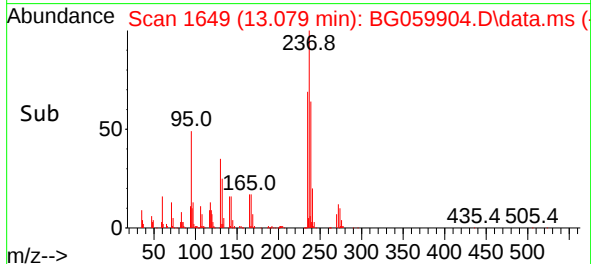
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:237 Resp: 17401
Ion Ratio Lower Upper
237 100
235 69.0 36.0 76.0
272 12.2 0.0 36.5

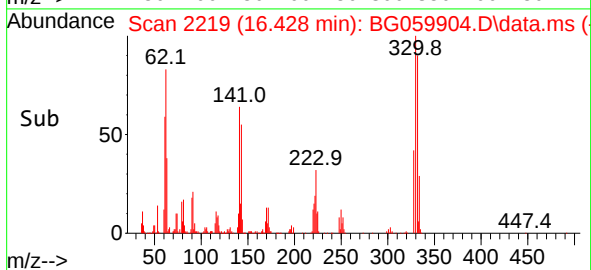
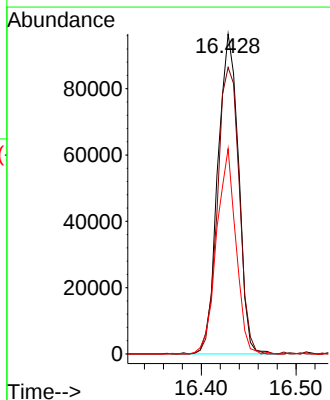
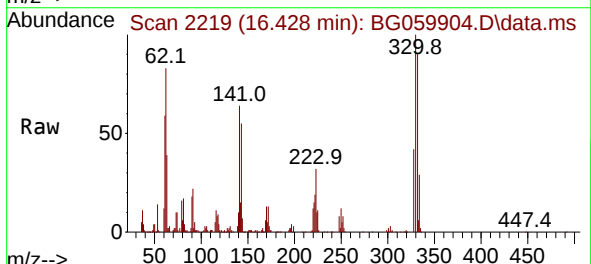
Manual Integrations
APPROVED

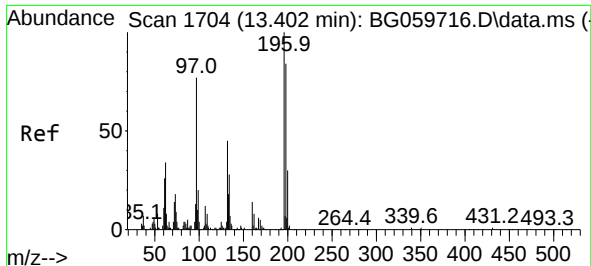
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 139.389 ng
RT: 16.428 min Scan# 2219
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:330 Resp: 146808
Ion Ratio Lower Upper
330 100
332 93.5 73.3 109.9
141 59.9 52.1 78.1





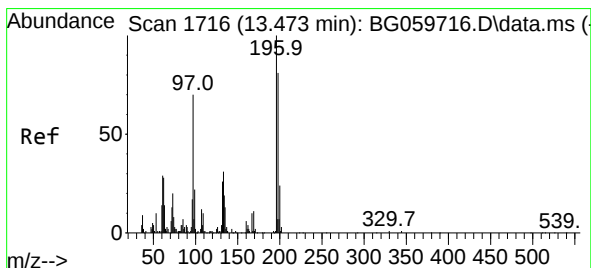
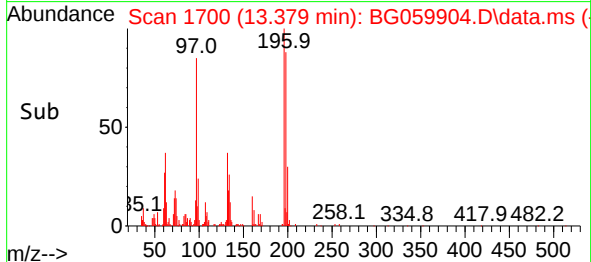
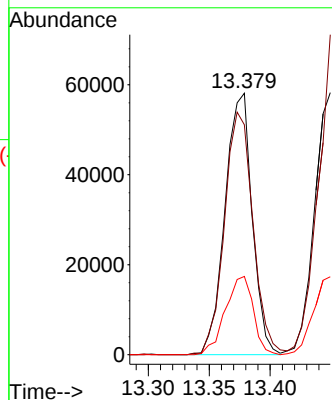
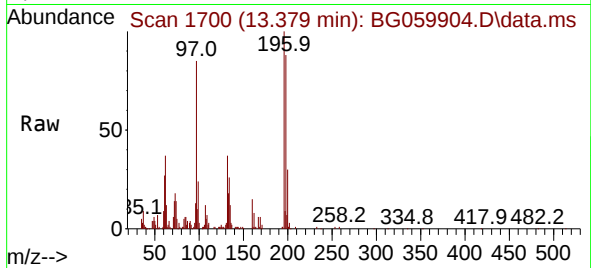
#43
2,4,6-Trichlorophenol
Concen: 51.673 ng
RT: 13.379 min Scan# 1712
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:196 Resp: 9008
Ion Ratio Lower Upper
196 100
198 87.9 67.6 101.4
200 29.9 24.4 36.6

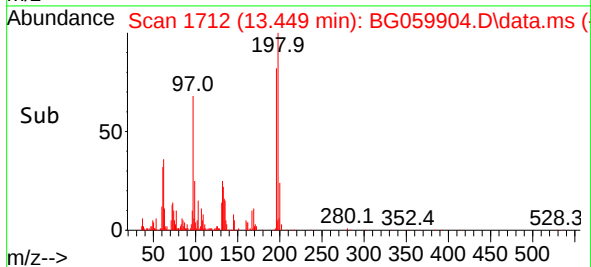
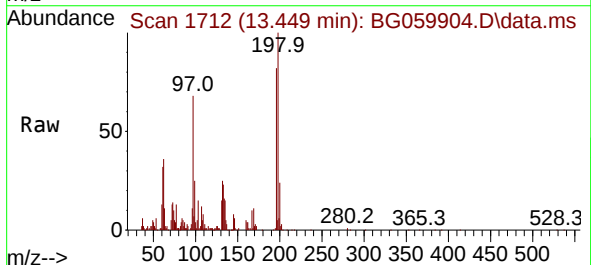
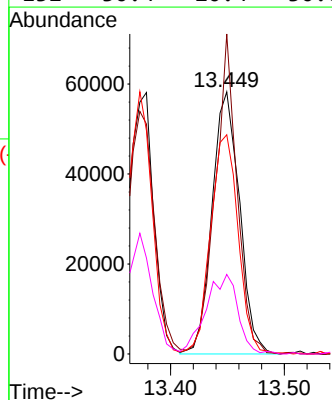
Manual Integrations
APPROVED

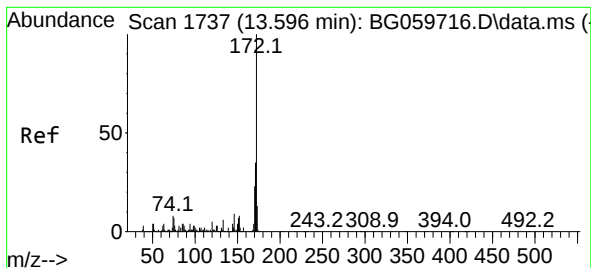
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#44
2,4,5-Trichlorophenol
Concen: 47.810 ng
RT: 13.449 min Scan# 1712
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:196 Resp: 97931
Ion Ratio Lower Upper
196 100
198 122.1 66.7 100.1#
97 83.6 55.9 83.9
132 30.4 20.4 30.6





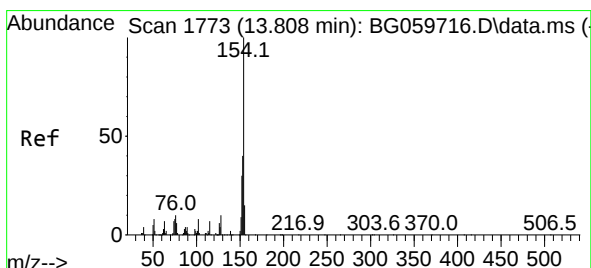
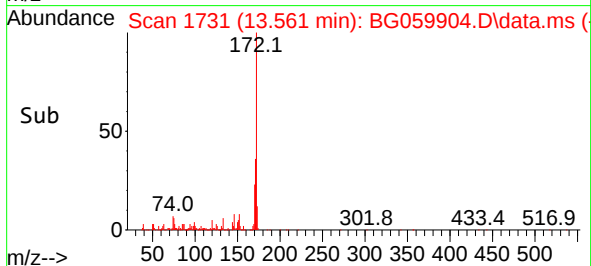
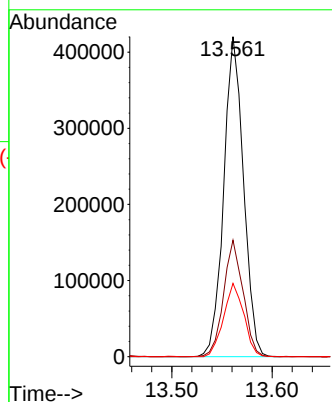
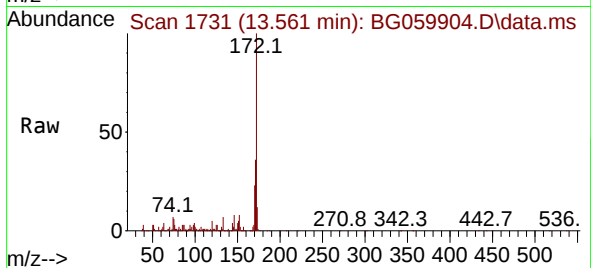
#45
2-Fluorobiphenyl
Concen: 83.417 ng
RT: 13.561 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:172 Resp: 57526
Ion Ratio Lower Upper
172 100
171 36.4 27.7 41.5
170 22.9 18.4 27.6

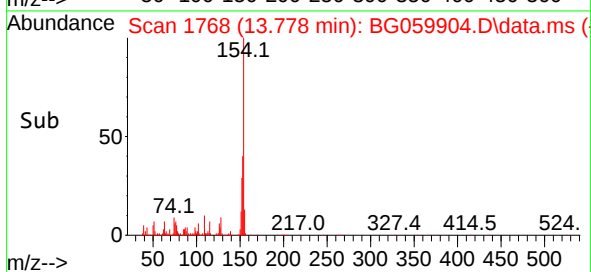
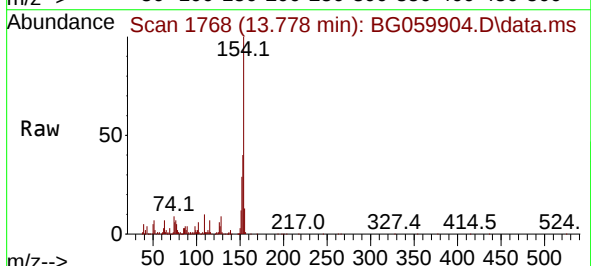
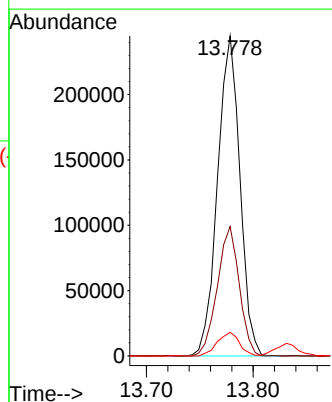
Manual Integrations
APPROVED

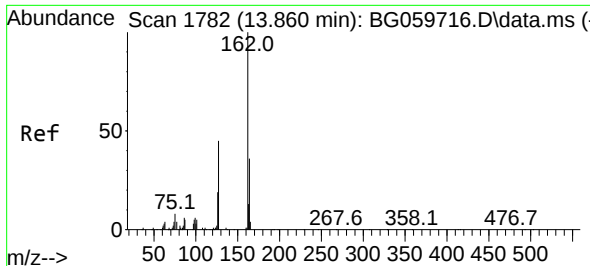
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 48.827 ng
RT: 13.778 min Scan# 1768
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:154 Resp: 355757
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 7.4 0.0 30.4





#47

2-Chloronaphthalene

Concen: 49.419 ng

RT: 13.831 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion:162 Resp: 24741

Ion Ratio Lower Upper

162 100

127 50.2 41.0 61.6

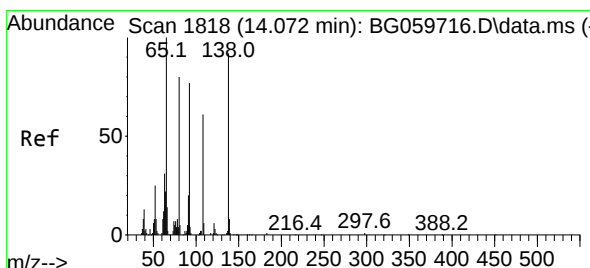
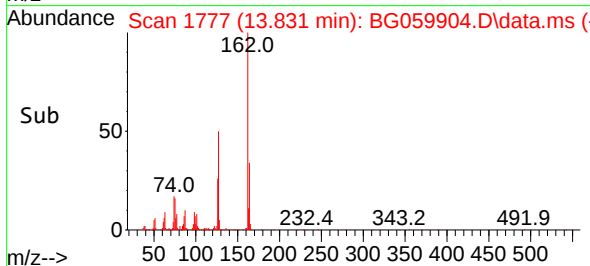
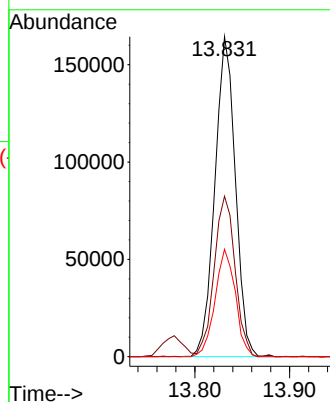
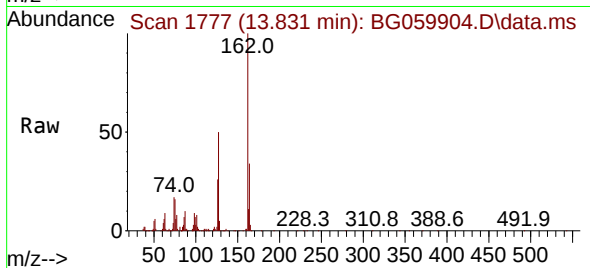
164 33.5 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#48

2-Nitroaniline

Concen: 49.944 ng

RT: 14.049 min Scan# 1814

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

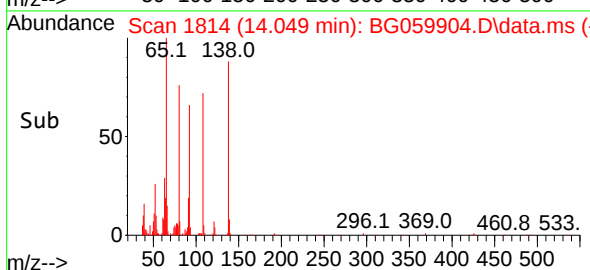
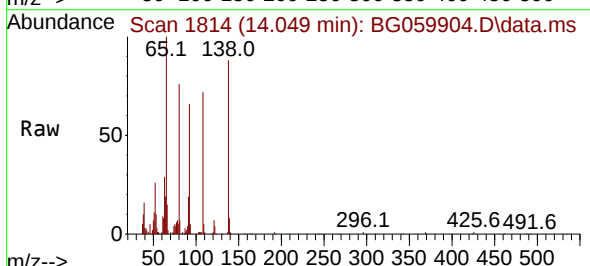
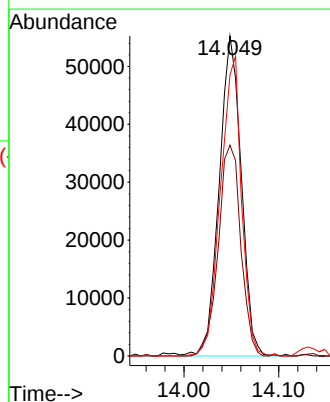
Tgt Ion: 65 Resp: 89273

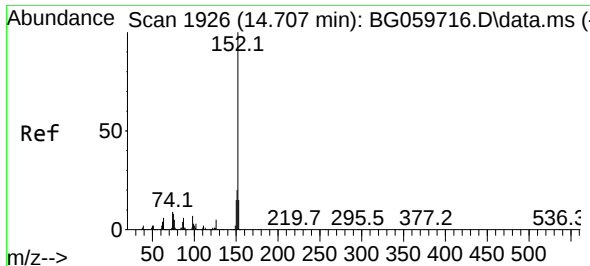
Ion Ratio Lower Upper

65 100

92 65.9 61.2 91.8

138 87.8 73.8 110.6





#49
Acenaphthylene
Concen: 48.974 ng
RT: 14.671 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

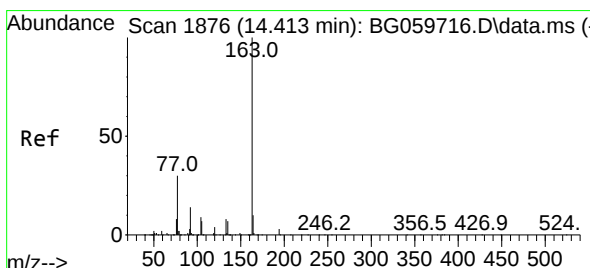
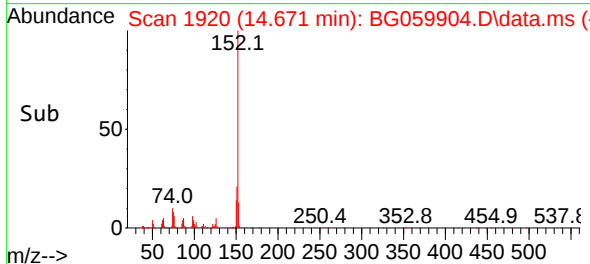
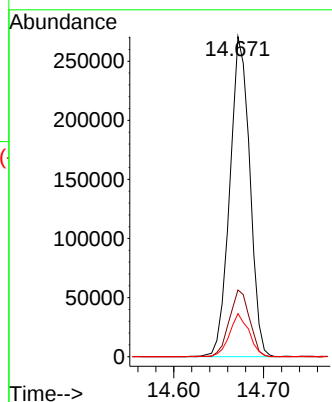
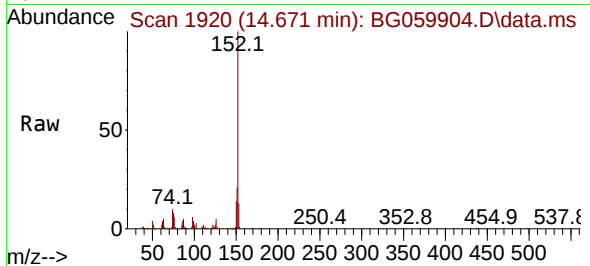
ClientSampleId :

O-5(5-10)MS

Tgt Ion:152 Resp: 418064
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 13.5 12.2 18.4

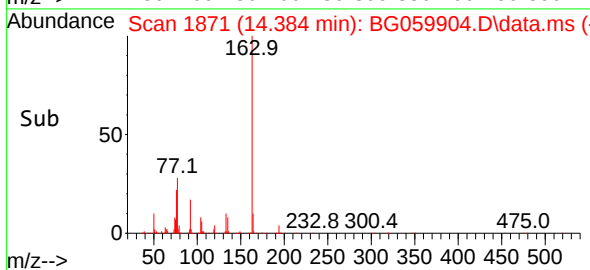
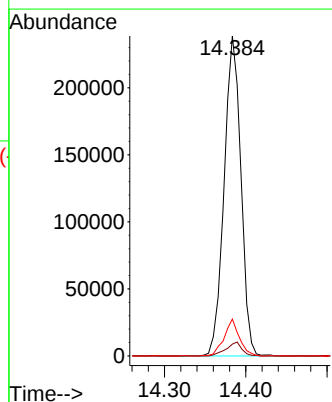
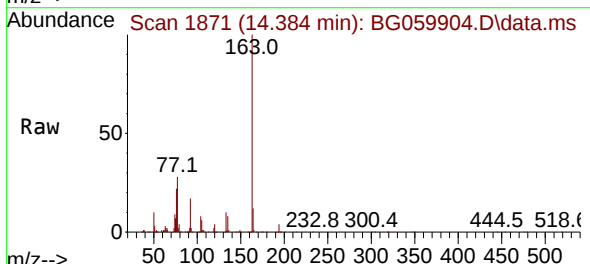
Manual Integrations
APPROVED

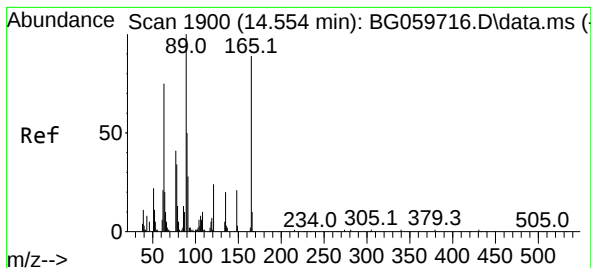
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#50
Dimethylphthalate
Concen: 47.653 ng
RT: 14.384 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:163 Resp: 342795
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 11.5 8.2 12.2





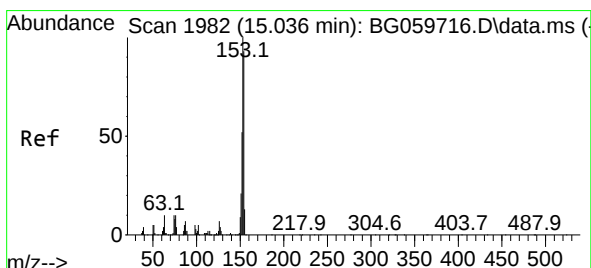
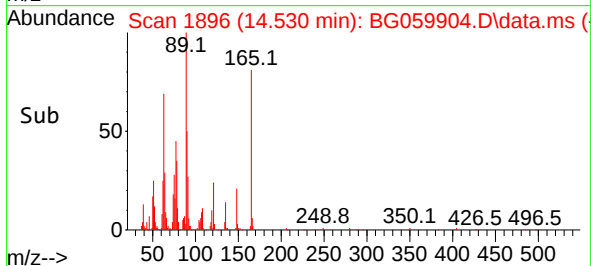
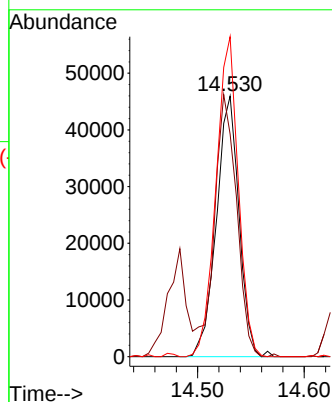
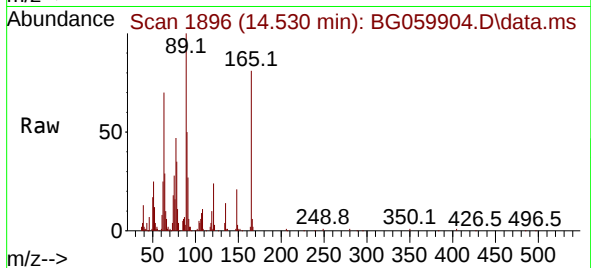
#51
2,6-Dinitrotoluene
Concen: 49.533 ng
RT: 14.530 min Scan# 1896
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:165 Resp: 67590
Ion Ratio Lower Upper
165 100
63 85.4 75.3 112.9
89 122.8 90.9 136.3

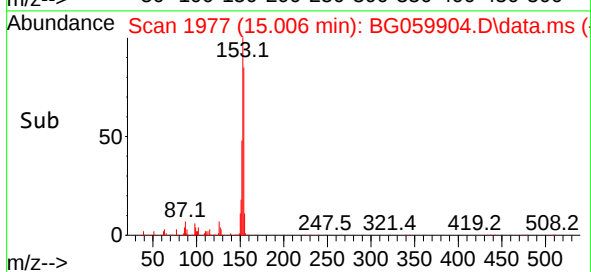
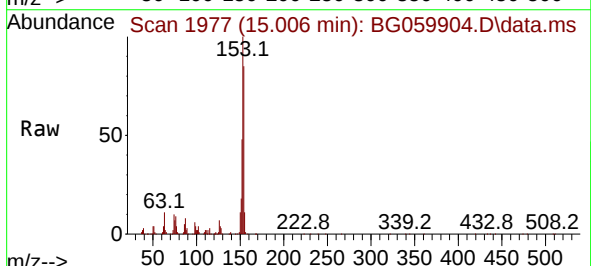
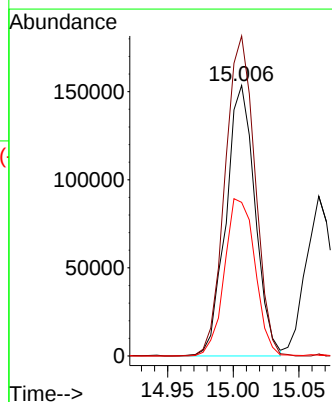
Manual Integrations
APPROVED

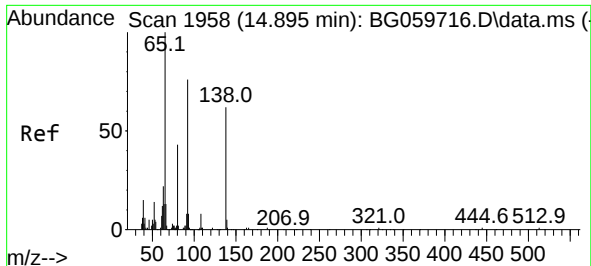
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 46.147 ng
RT: 15.006 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:154 Resp: 236913
Ion Ratio Lower Upper
154 100
153 118.3 85.8 128.8
152 56.8 44.4 66.6





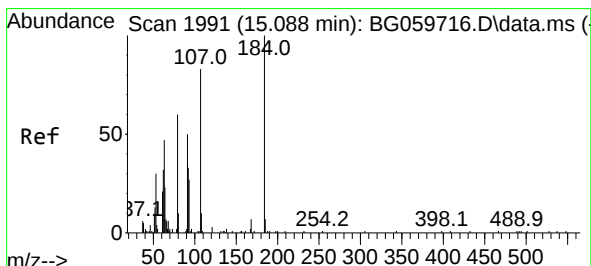
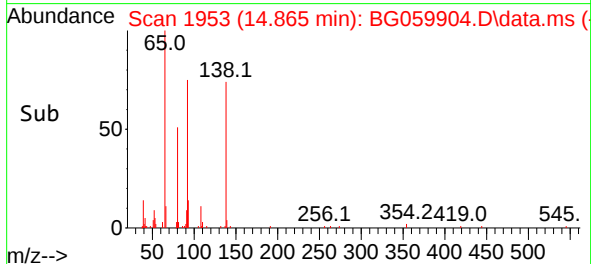
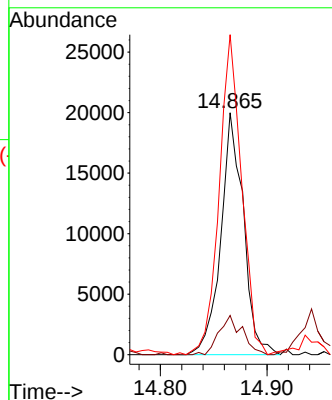
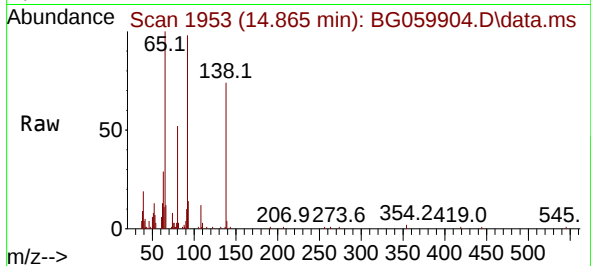
#53
3-Nitroaniline
Concen: 18.397 ng
RT: 14.865 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:138 Resp: 29380
Ion Ratio Lower Upper
138 100
108 16.2 9.9 14.9#
92 132.3 98.3 147.5

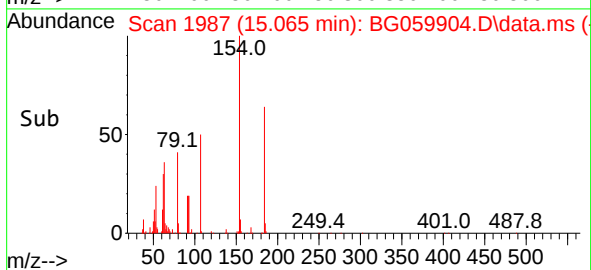
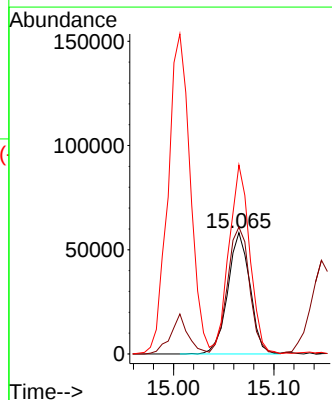
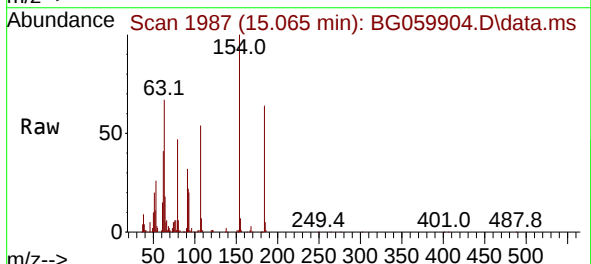
Manual Integrations
APPROVED

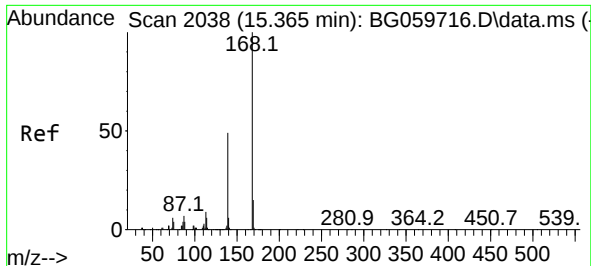
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#54
2,4-Dinitrophenol
Concen: 87.935 ng
RT: 15.065 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

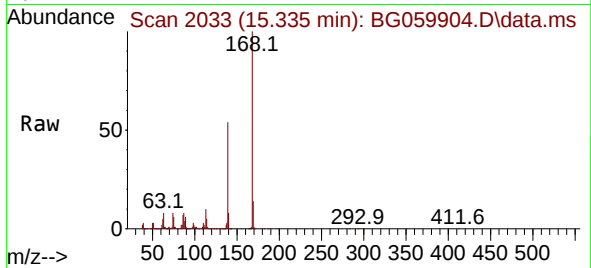
Tgt Ion:184 Resp: 89172
Ion Ratio Lower Upper
184 100
63 104.6 58.3 87.5#
154 155.9 94.1 141.1#





#55
Dibenzenofuran
Concen: 49.433 ng
RT: 15.335 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

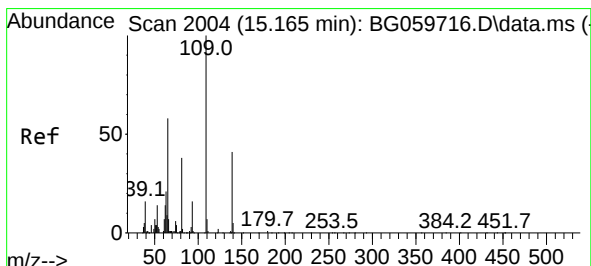
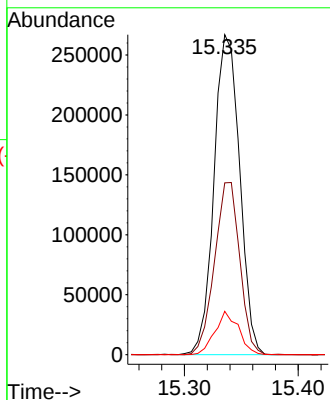
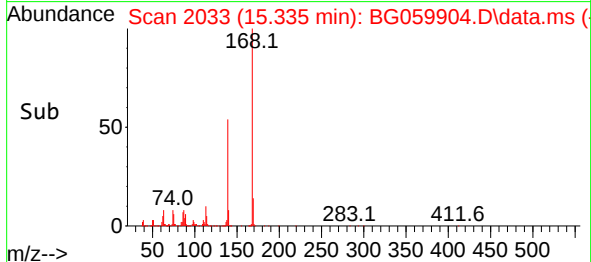
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:168 Resp: 418418
Ion Ratio Lower Upper
168 100
139 53.7 38.9 58.3
169 13.6 11.8 17.8

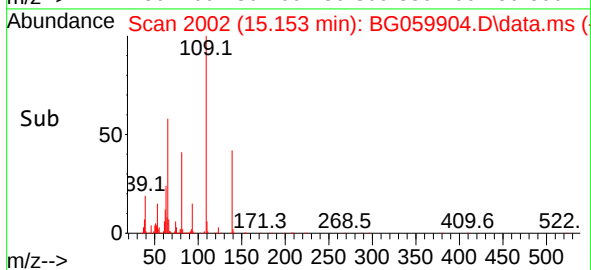
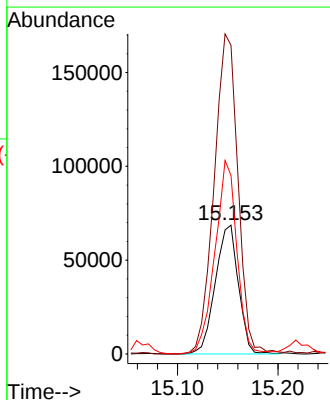
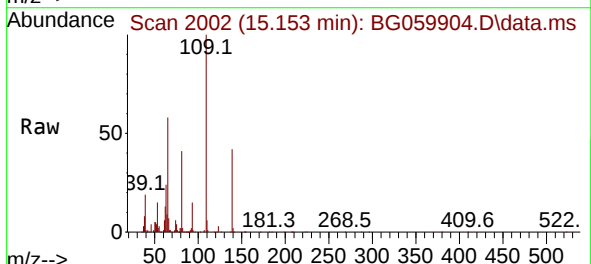
Manual Integrations
APPROVED

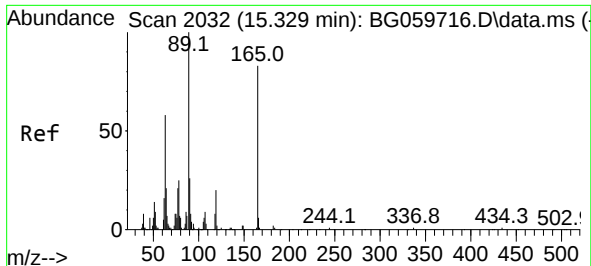
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#56
4-Nitrophenol
Concen: 89.342 ng
RT: 15.153 min Scan# 2002
Delta R.T. 0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

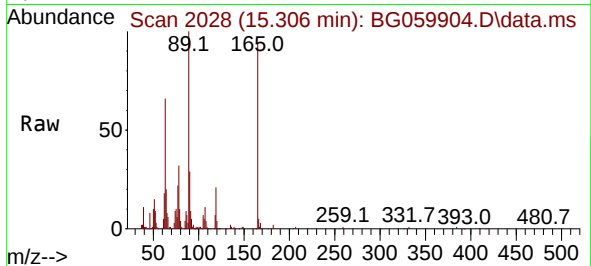
Tgt Ion:139 Resp: 109184
Ion Ratio Lower Upper
139 100
109 239.7 223.4 263.4
65 138.6 120.6 160.6





#57
2,4-Dinitrotoluene
Concen: 52.670 ng
RT: 15.306 min Scan# 2032
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

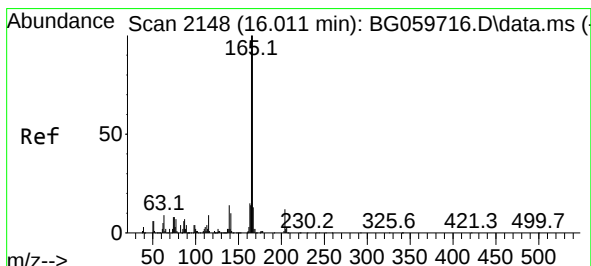
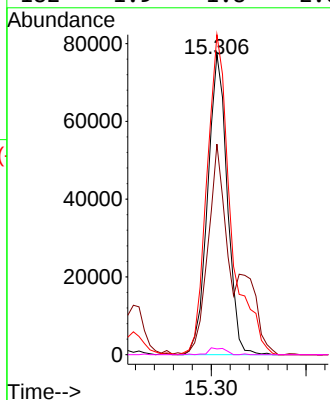
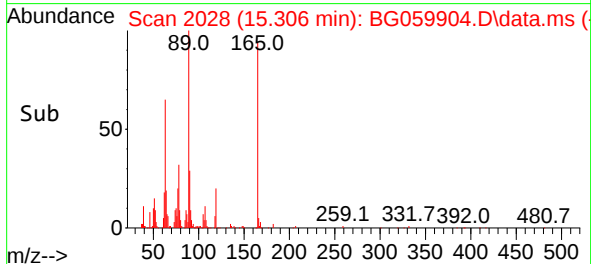
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:165 Resp: 110530
Ion Ratio Lower Upper
165 100
63 70.1 55.8 83.8
89 106.6 96.9 145.3
182 1.9 1.8 2.6

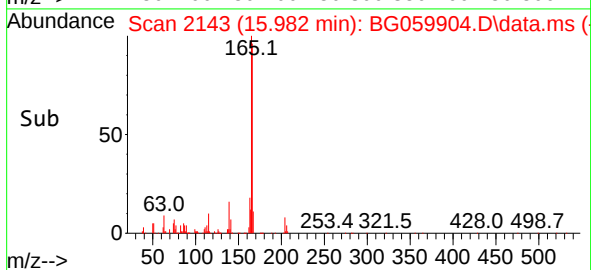
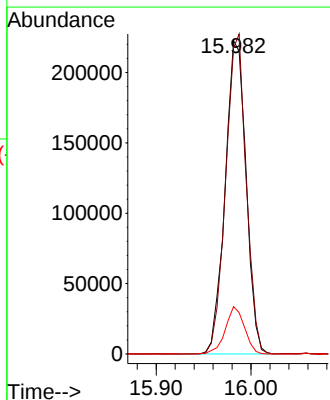
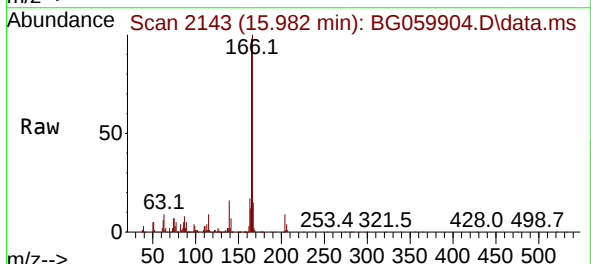
Manual Integrations
APPROVED

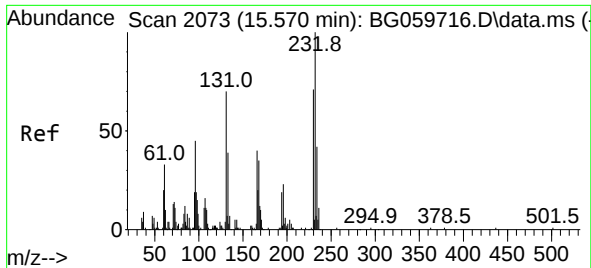
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#58
Fluorene
Concen: 48.654 ng
RT: 15.982 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:166 Resp: 342148
Ion Ratio Lower Upper
166 100
165 97.6 79.9 119.9
167 15.1 10.1 15.1#





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.560 ng
RT: 15.547 min Scan# 2069
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

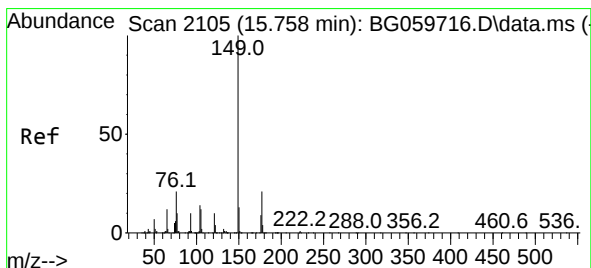
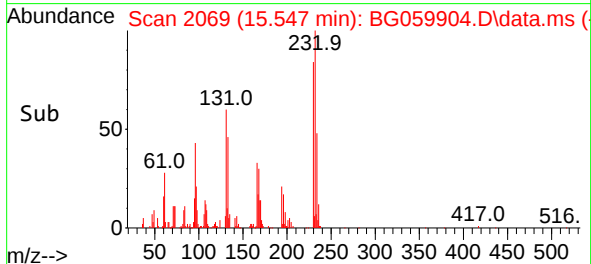
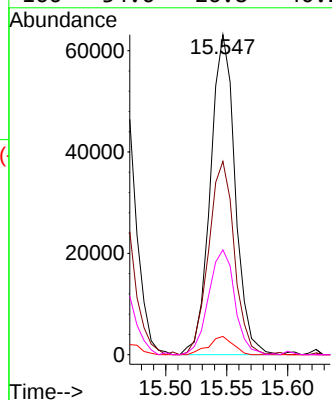
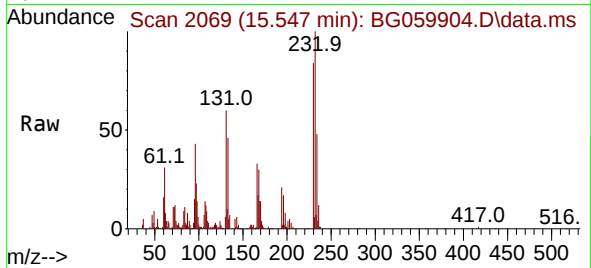
O-5(5-10)MS

Tgt Ion:232 Resp: 89238
Ion Ratio Lower Upper
232 100
131 62.9 50.2 75.2
130 5.6 4.3 6.5
166 34.6 26.8 40.2

Manual Integrations

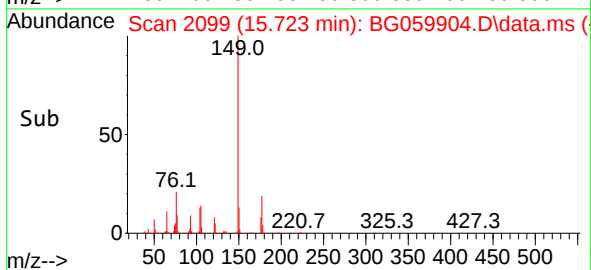
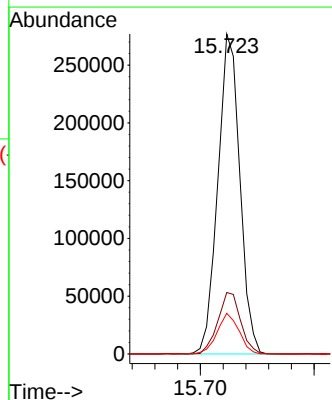
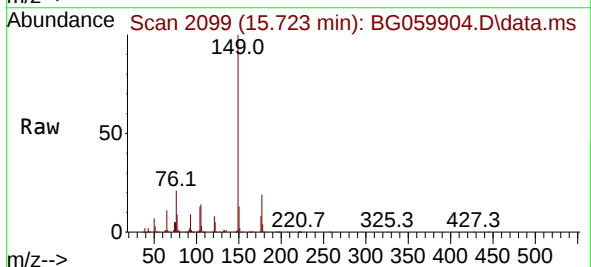
APPROVED

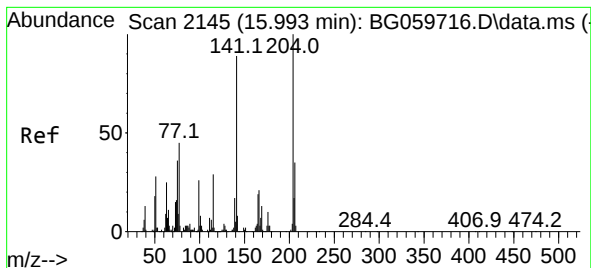
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#60
Diethylphthalate
Concen: 48.205 ng
RT: 15.723 min Scan# 2099
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:149 Resp: 371900
Ion Ratio Lower Upper
149 100
177 19.2 16.6 24.8
150 12.7 10.7 16.1





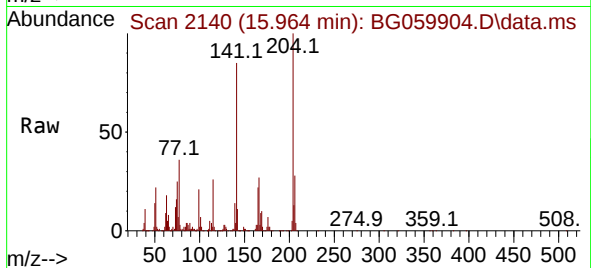
#61
4-Chlorophenyl-phenylether
Concen: 51.609 ng
RT: 15.964 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS



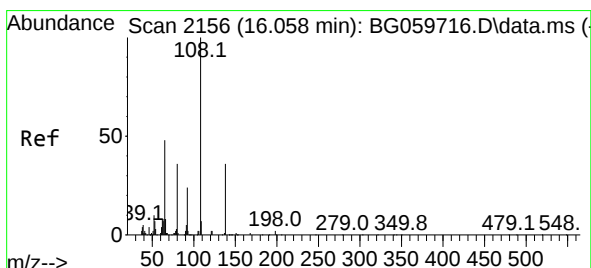
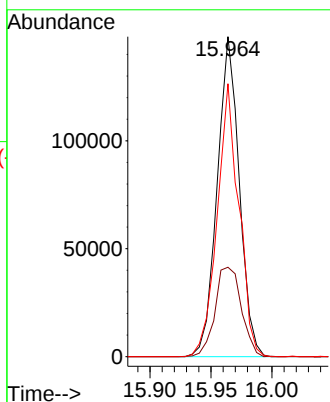
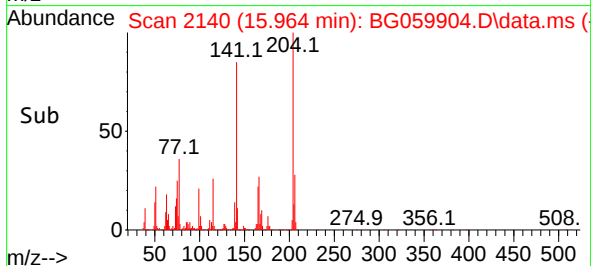
Tgt Ion:204 Resp: 18680
Ion Ratio Lower Upper
204 100
206 28.0 28.1 42.1
141 85.3 70.9 106.3

Manual Integrations

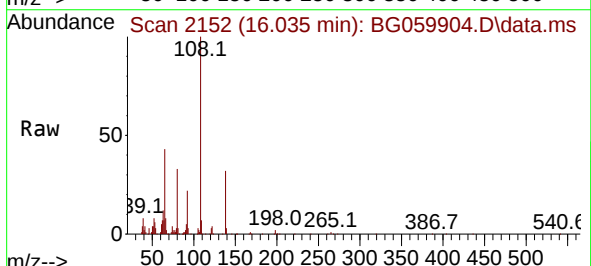
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

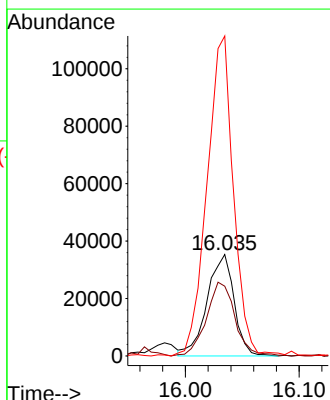
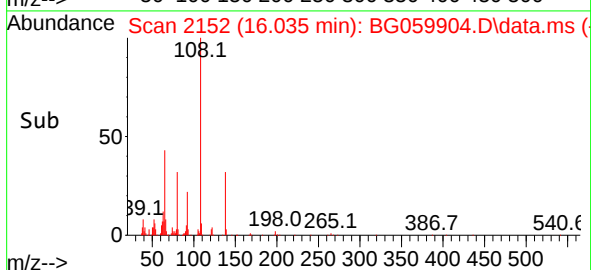
Supervised By :mohammad ahmed 11/28/2023

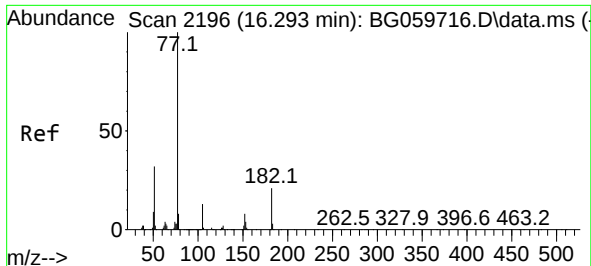


#62
4-Nitroaniline
Concen: 36.388 ng
RT: 16.035 min Scan# 2152
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



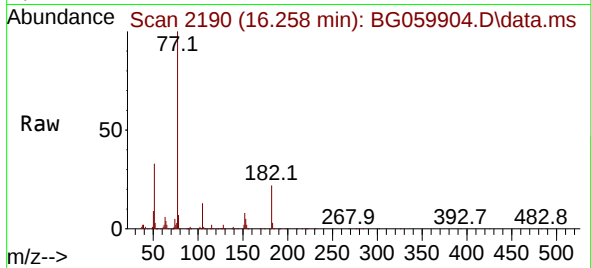
Tgt Ion:138 Resp: 58253
Ion Ratio Lower Upper
138 100
92 68.7 45.8 85.8
108 315.3 256.3 296.3





#63
Azobenzene
Concen: 45.333 ng
RT: 16.258 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

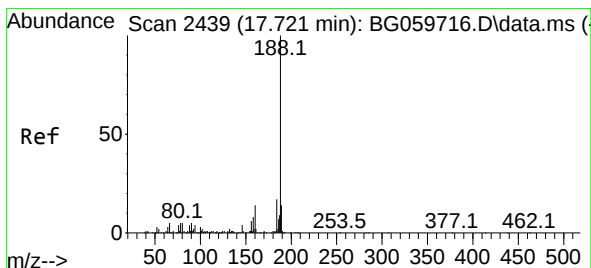
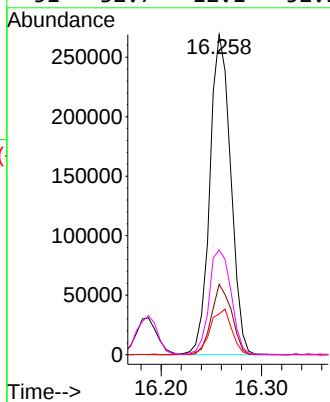
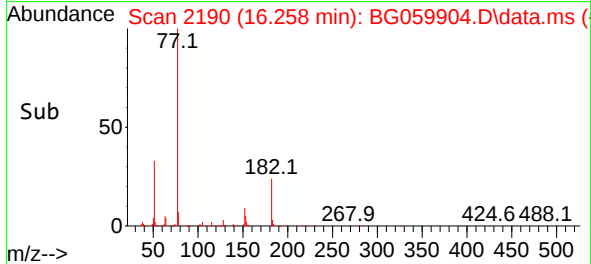
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 77 Resp: 388660
Ion Ratio Lower Upper
77 100
182 22.0 1.1 41.1
105 12.7 0.0 33.0
51 32.7 12.1 52.1

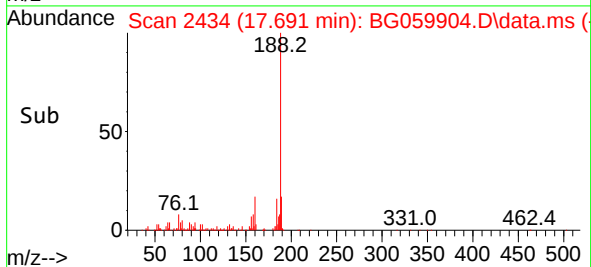
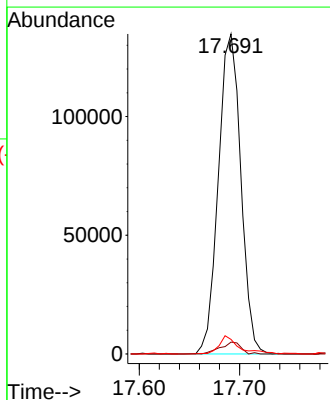
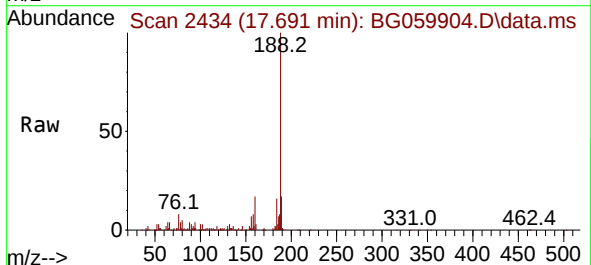
Manual Integrations
APPROVED

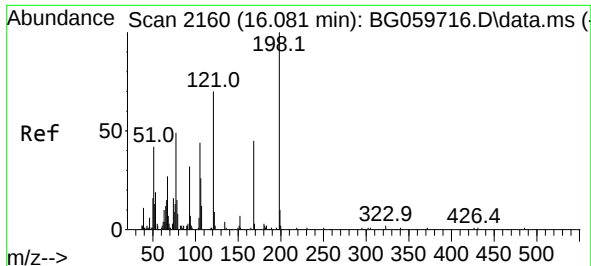
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.691 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:188 Resp: 209353
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.4
80 4.6 4.2 6.4





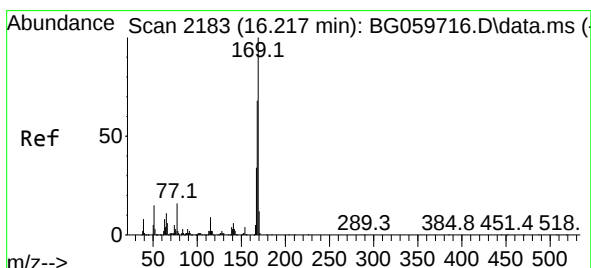
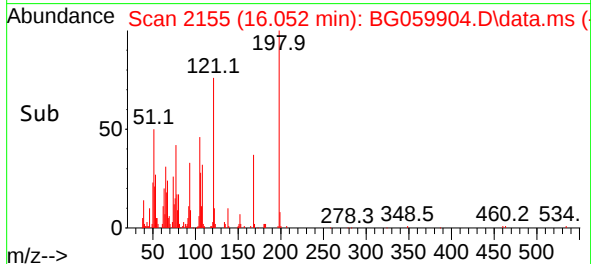
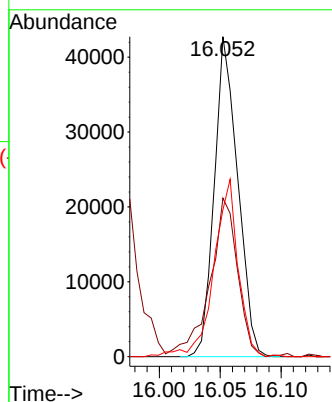
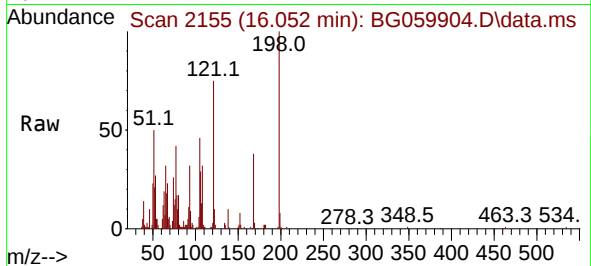
#65
4,6-Dinitro-2-methylphenol
Concen: 44.577 ng
RT: 16.052 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:198 Resp: 5703
Ion Ratio Lower Upper
198 100
51 49.6 23.0 63.0
105 45.9 24.0 64.0

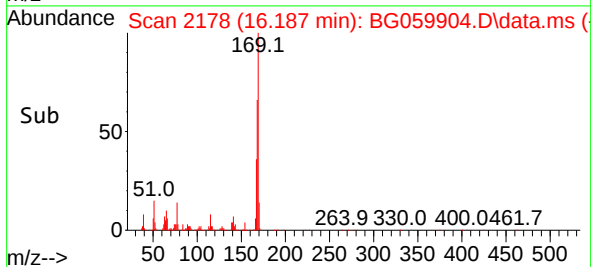
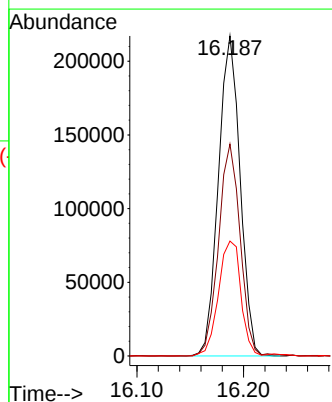
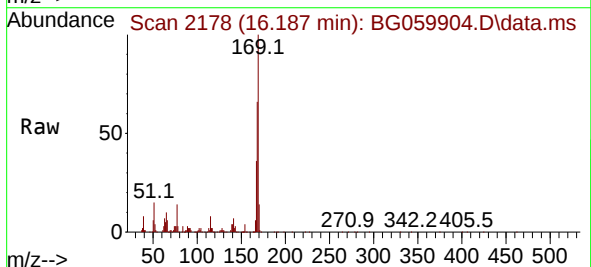
Manual Integrations
APPROVED

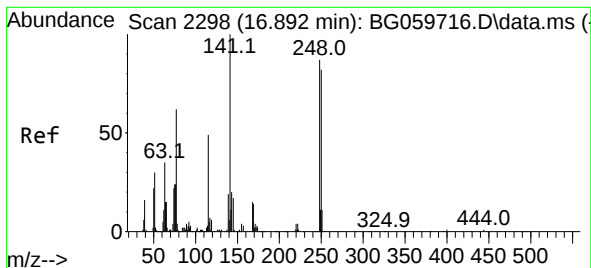
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 50.129 ng
RT: 16.187 min Scan# 2178
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:169 Resp: 306569
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 35.9 27.8 41.6





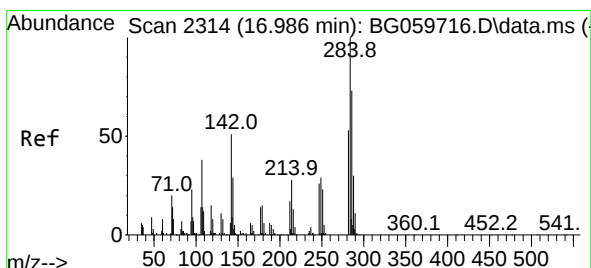
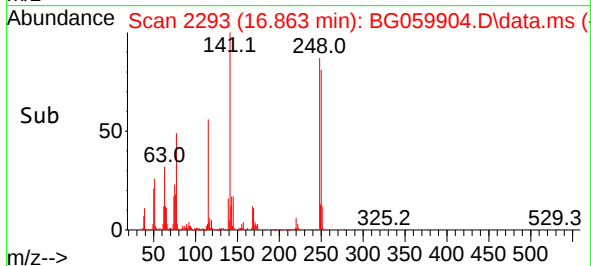
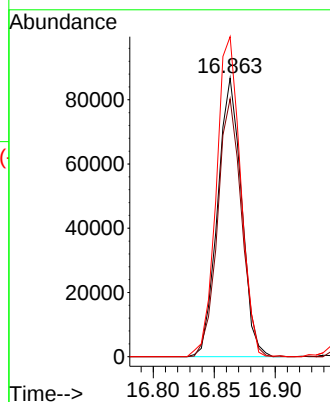
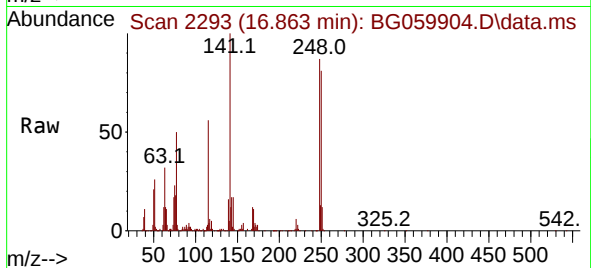
#67
4-Bromophenyl-phenylether
Concen: 52.507 ng
RT: 16.863 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:248 Resp: 11809
Ion Ratio Lower Upper
248 100
250 92.5 75.2 112.8
141 114.8 91.5 137.3

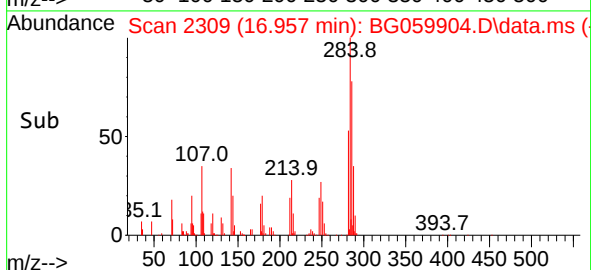
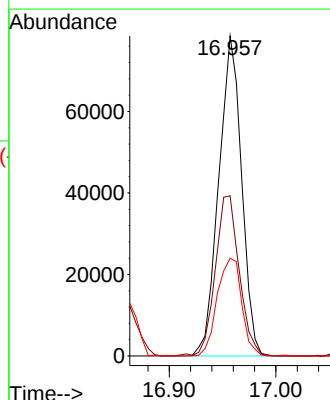
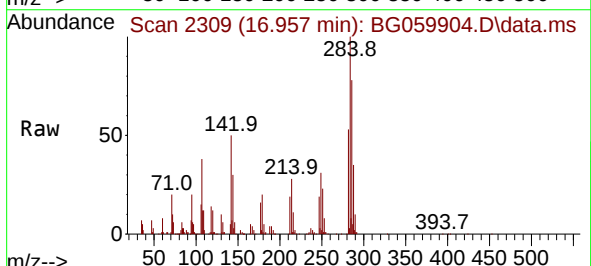
Manual Integrations
APPROVED

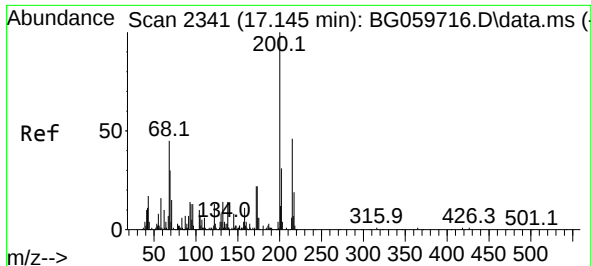
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#68
Hexachlorobenzene
Concen: 55.520 ng
RT: 16.957 min Scan# 2309
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

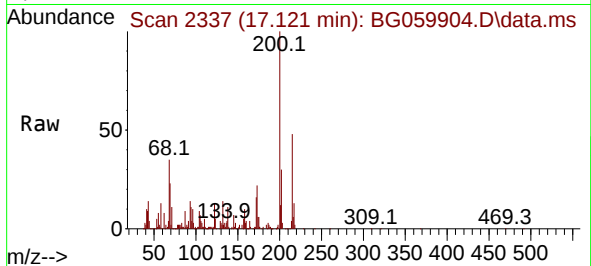
Tgt Ion:284 Resp: 116544
Ion Ratio Lower Upper
284 100
142 50.1 41.0 61.6
249 30.6 24.2 36.4





#69
Atrazine
Concen: 63.465 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

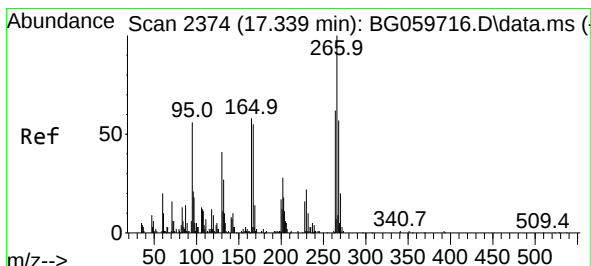
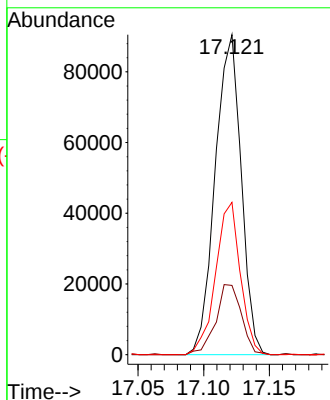
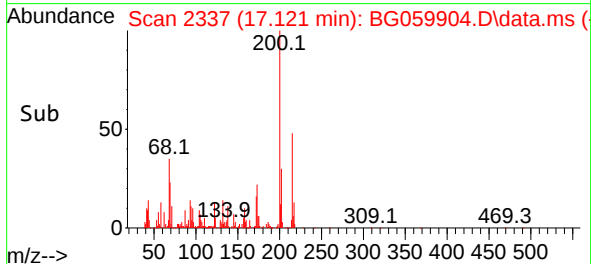
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



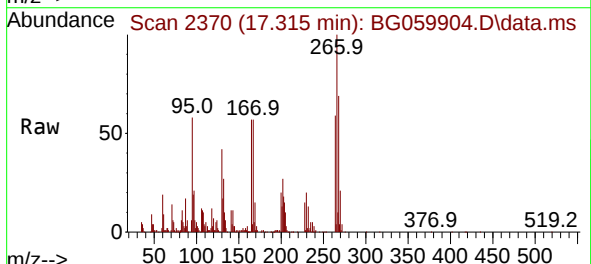
Tgt Ion:200 Resp: 124440
Ion Ratio Lower Upper
200 100
173 21.6 2.3 42.3
215 47.6 25.6 65.6

Manual Integrations
APPROVED

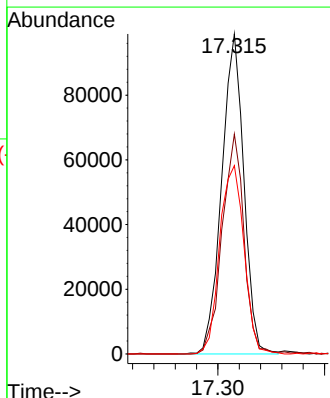
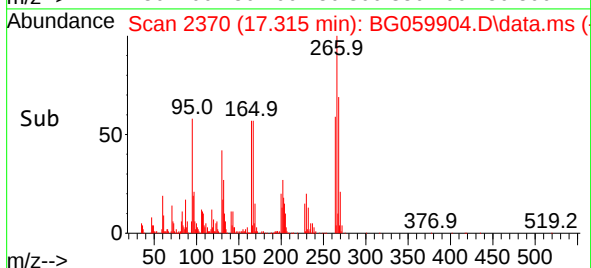
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

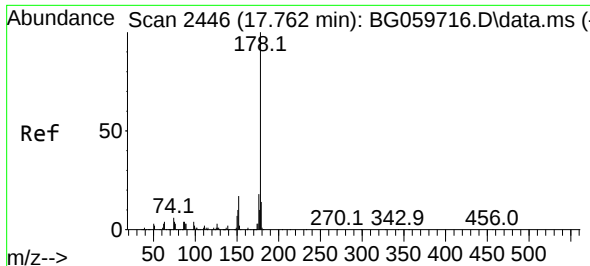


#70
Pentachlorophenol
Concen: 89.094 ng
RT: 17.315 min Scan# 2370
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



Tgt Ion:266 Resp: 142682
Ion Ratio Lower Upper
266 100
268 68.7 45.7 68.5#
264 58.8 49.8 74.8





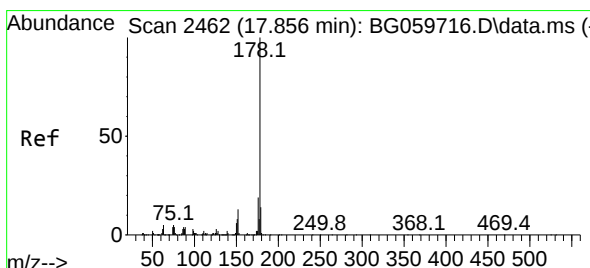
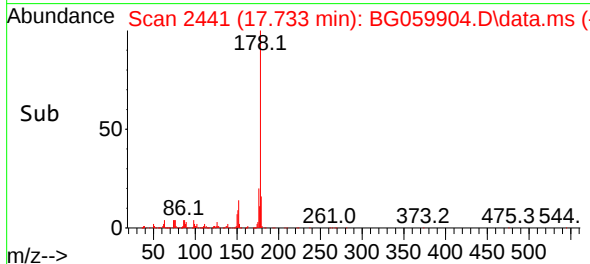
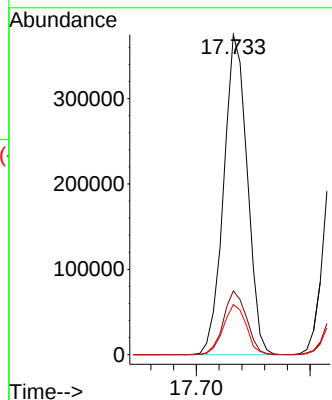
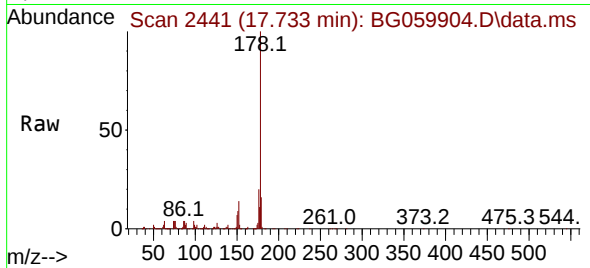
#71
Phenanthrene
Concen: 50.589 ng
RT: 17.733 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:178 Resp: 538464
Ion Ratio Lower Upper
178 100
176 20.0 14.5 21.7
179 15.7 11.2 16.8

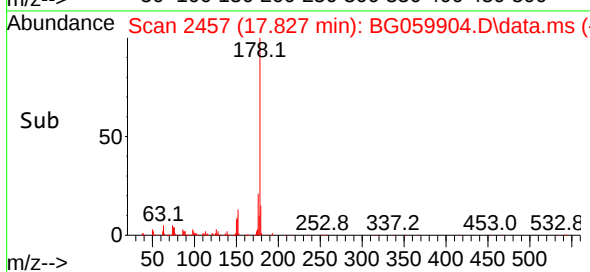
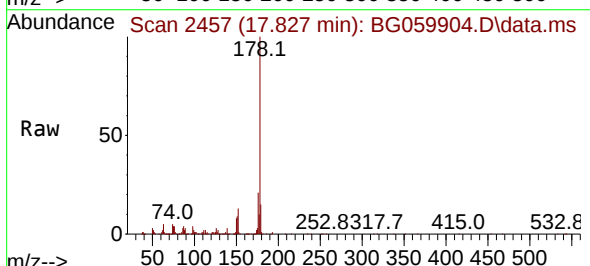
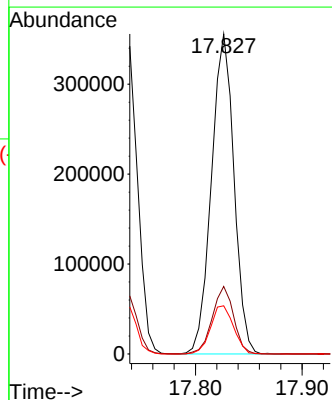
Manual Integrations
APPROVED

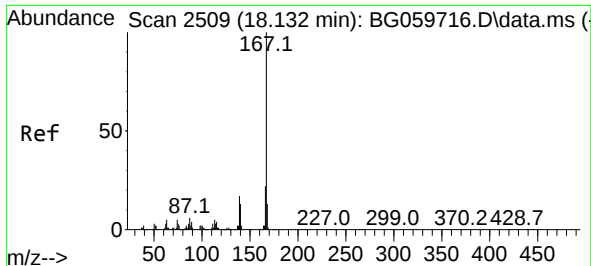
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#72
Anthracene
Concen: 47.172 ng
RT: 17.827 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:178 Resp: 521687
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.4
179 15.0 11.5 17.3





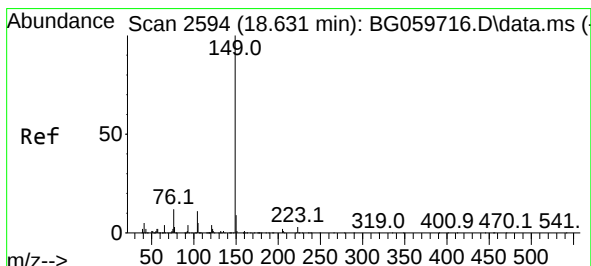
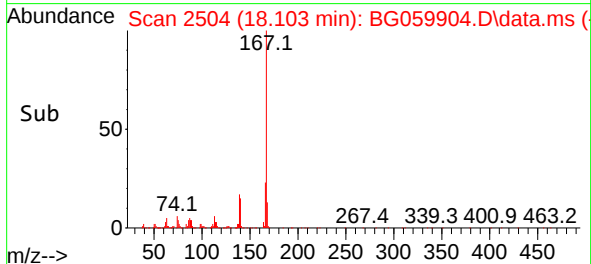
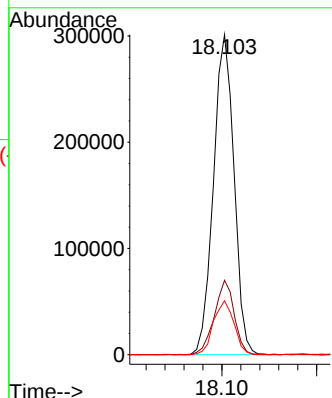
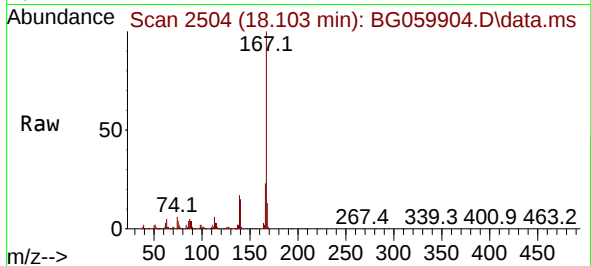
#73
Carbazole
Concen: 46.950 ng
RT: 18.103 min Scan# 2504
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS

Tgt Ion:167 Resp: 453614
Ion Ratio Lower Upper
167 100
166 23.2 17.4 26.0
139 16.8 13.2 19.8

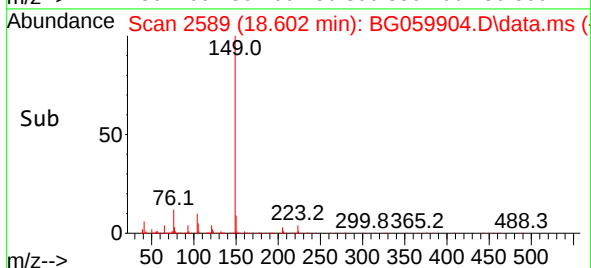
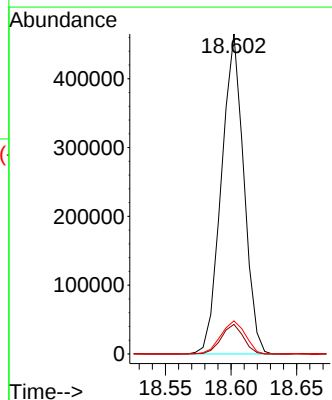
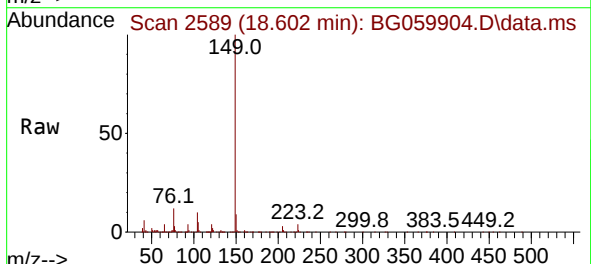
Manual Integrations
APPROVED

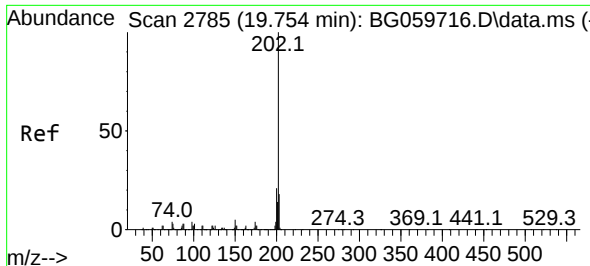
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#74
Di-n-butylphthalate
Concen: 47.213 ng
RT: 18.602 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:149 Resp: 551381
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 10.3 8.6 12.8





#75
Fluoranthene
Concen: 45.792 ng
RT: 19.724 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

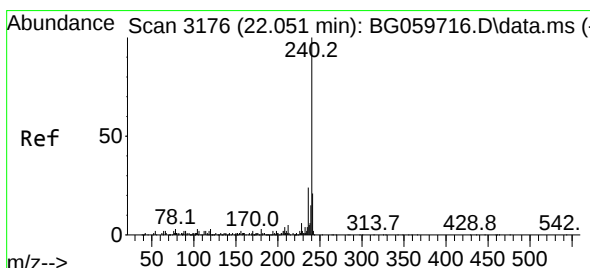
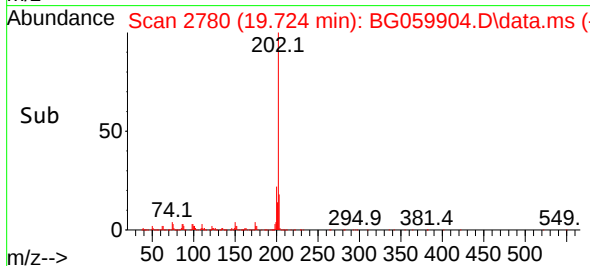
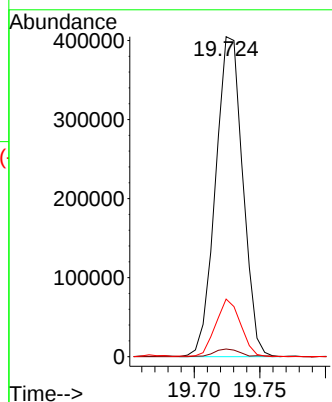
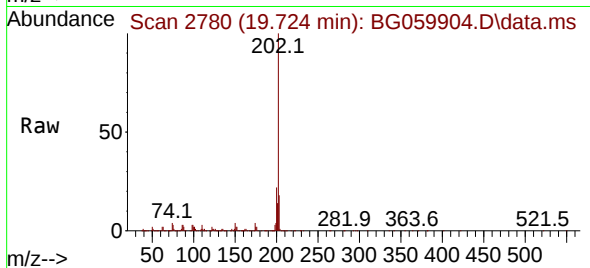
Tgt Ion:202 Resp: 58452
Ion Ratio Lower Upper
202 100
101 2.4 0.0 22.7
203 18.0 0.0 38.2

Manual Integrations

APPROVED

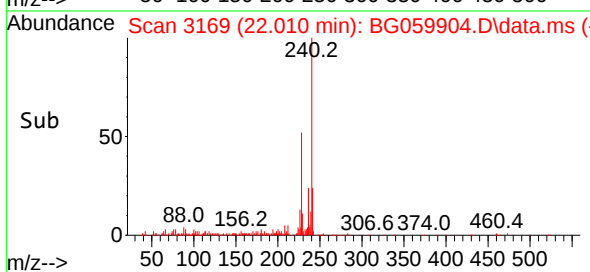
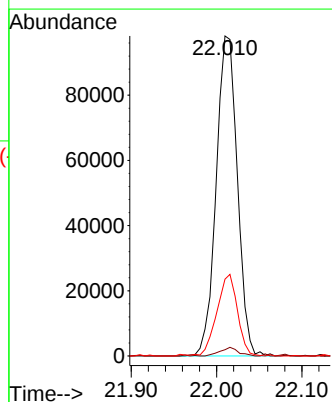
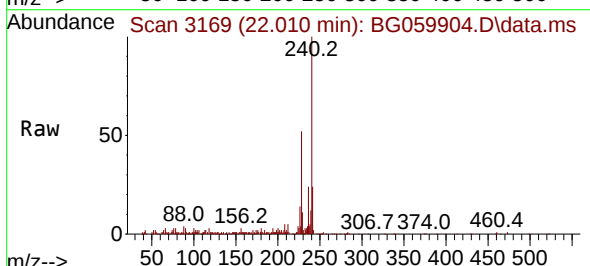
Reviewed By :Yogesh Patel 11/28/2023

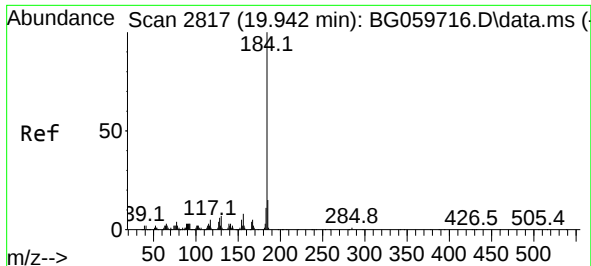
Supervised By :mohammad ahmed 11/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3169
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

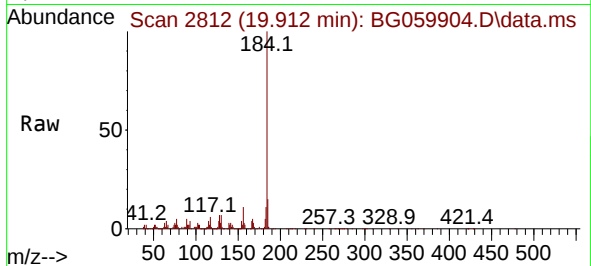
Tgt Ion:240 Resp: 169586
Ion Ratio Lower Upper
240 100
120 2.0 2.2 3.2#
236 24.0 19.4 29.2





#77
Benzidine
Concen: 50.462 ng
RT: 19.912 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

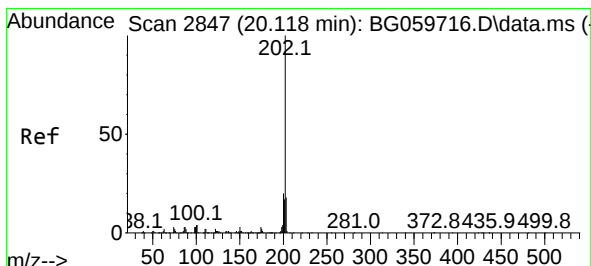
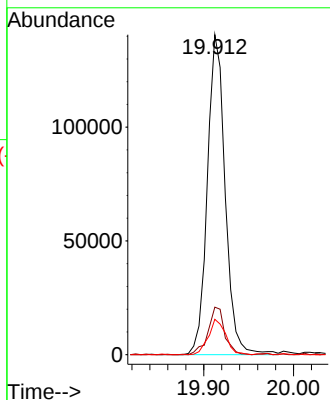
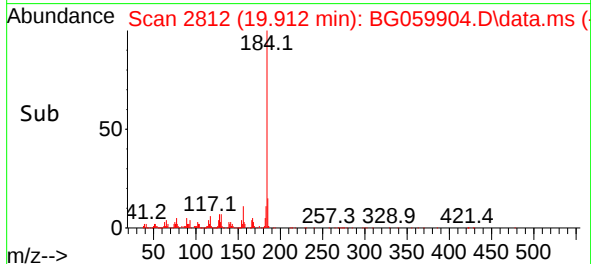
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:184 Resp: 19405
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.0 8.8 13.2

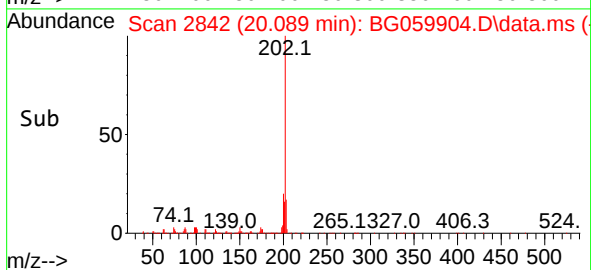
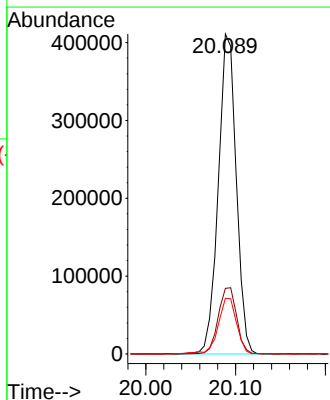
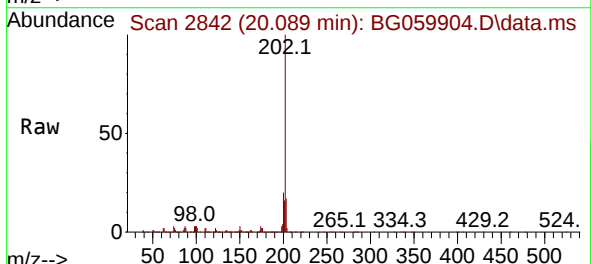
Manual Integrations
APPROVED

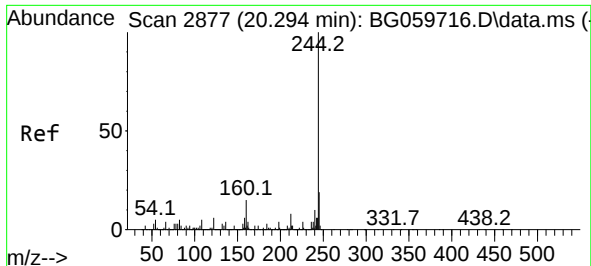
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#78
Pyrene
Concen: 49.500 ng
RT: 20.089 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:202 Resp: 571154
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 77.986 ng
 RT: 20.265 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059904.D
 Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

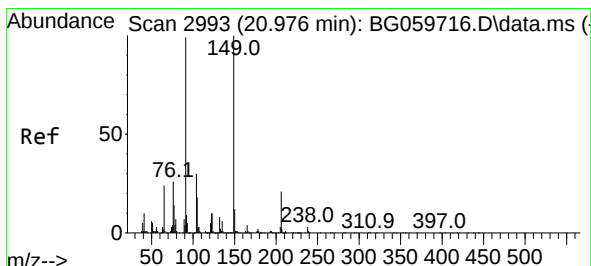
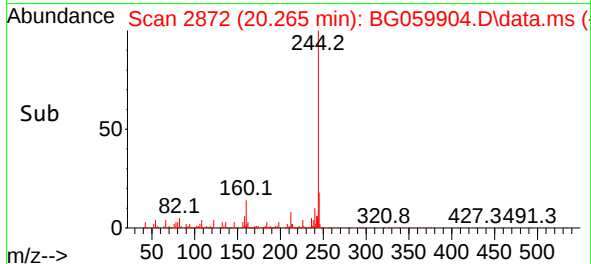
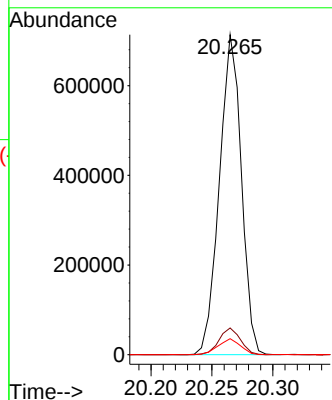
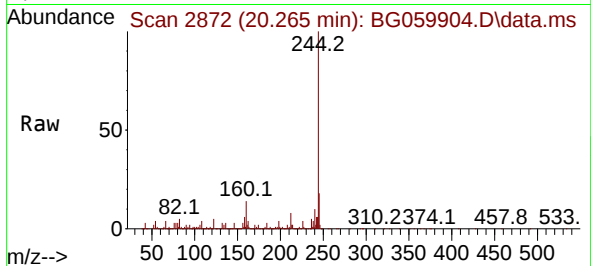
ClientSampleId :

O-5(5-10)MS

Tgt Ion:244 Resp: 89587
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 5.0 4.4 6.6

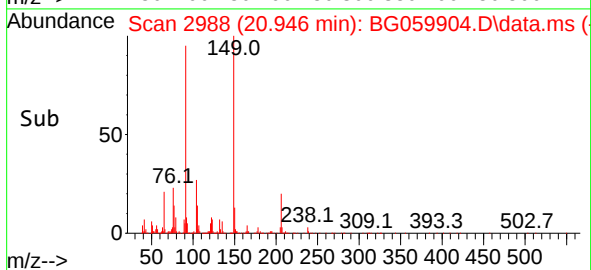
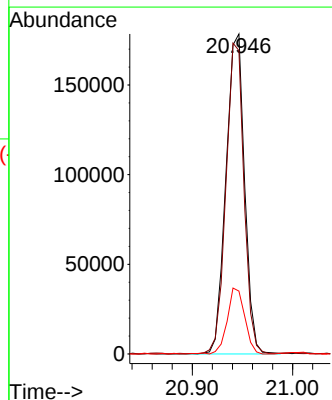
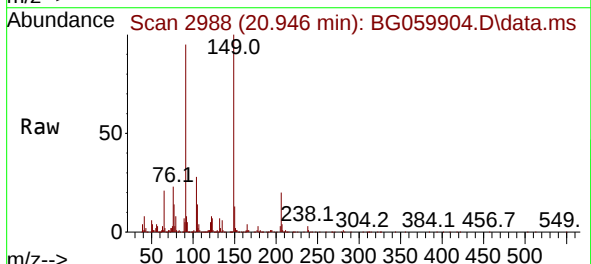
Manual Integrations
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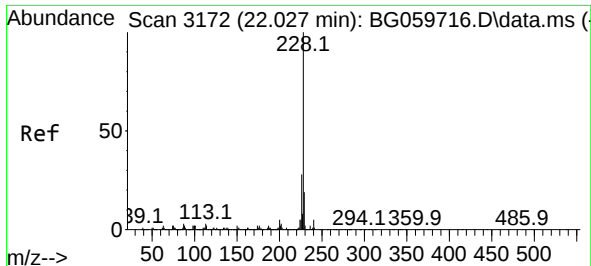
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#80
 Butylbenzylphthalate
 Concen: 48.495 ng
 RT: 20.946 min Scan# 2988
 Delta R.T. -0.003 min
 Lab File: BG059904.D
 Acq: 27 Nov 2023 16:14

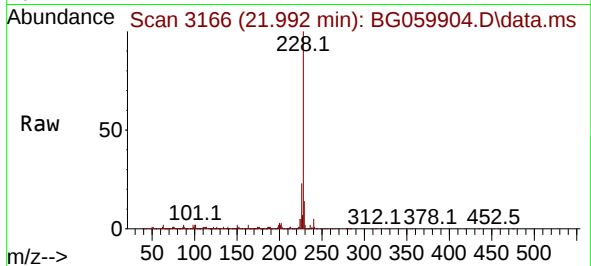
Tgt Ion:149 Resp: 229446
 Ion Ratio Lower Upper
 149 100
 91 94.8 79.6 119.4
 206 19.6 16.9 25.3





#81
Benzo(a)anthracene
Concen: 47.681 ng m
RT: 21.992 min Scan# 3172
Delta R.T. -0.003 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

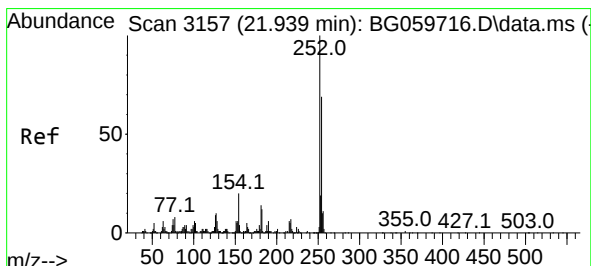
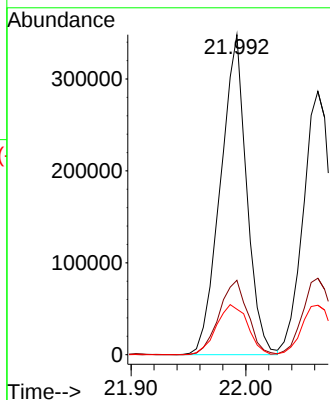
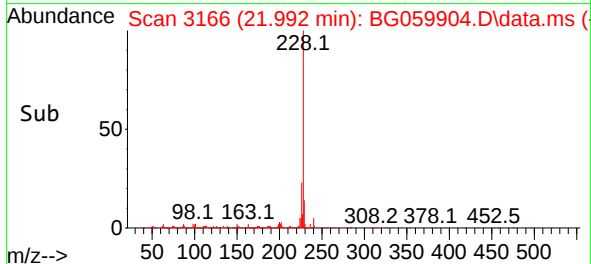
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MS



Tgt Ion:228 Resp: 553264
Ion Ratio Lower Upper
228 100
226 23.2 22.1 33.1
229 14.2 14.9 22.3

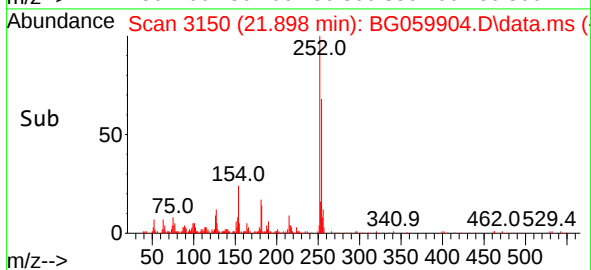
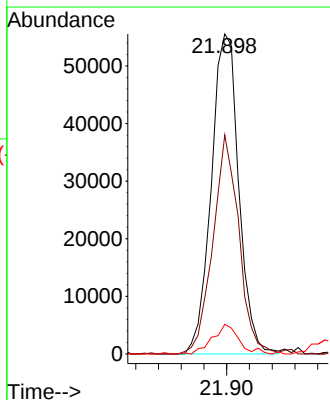
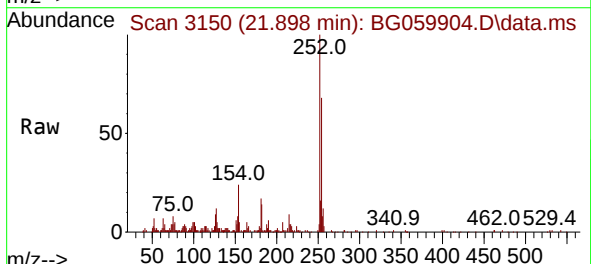
Manual Integrations
APPROVED

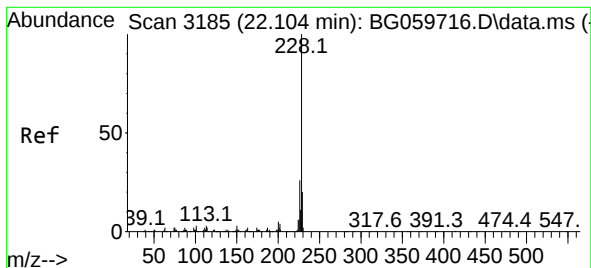
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 21.606 ng
RT: 21.898 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Tgt Ion:252 Resp: 93402
Ion Ratio Lower Upper
252 100
254 68.4 55.2 82.8
126 9.2 7.0 10.6





#83

Chrysene

Concen: 45.464 ng

RT: 22.063 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion:228 Resp: 48359

Ion Ratio Lower Upper

228 100

226 29.0 21.1 31.7

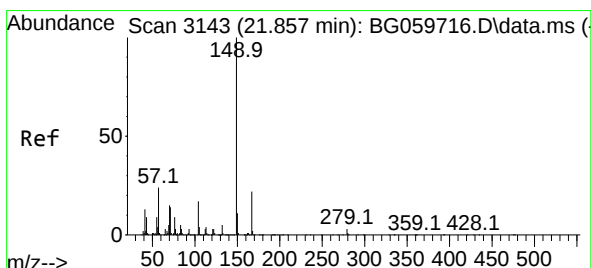
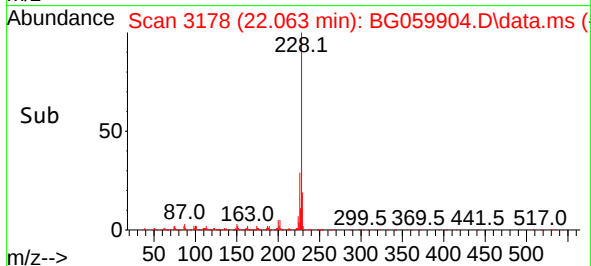
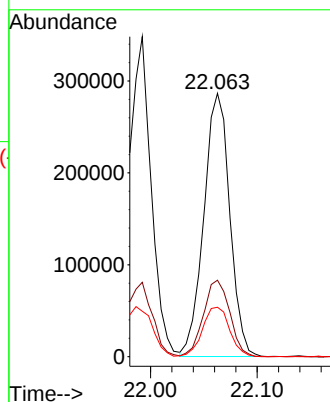
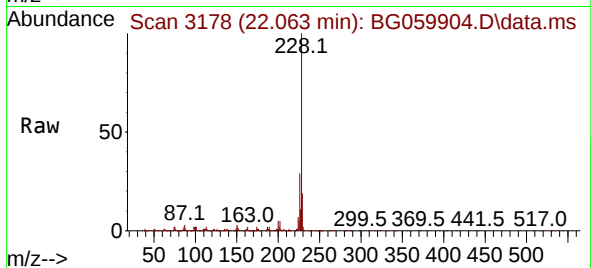
229 18.8 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.179 ng

RT: 21.810 min Scan# 3135

Delta R.T. -0.009 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

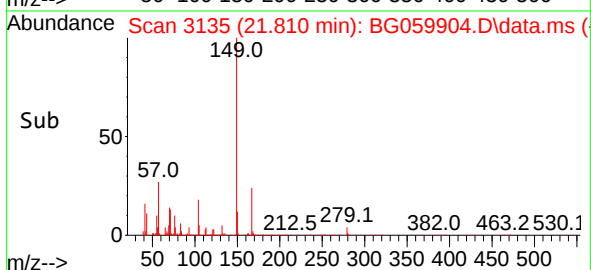
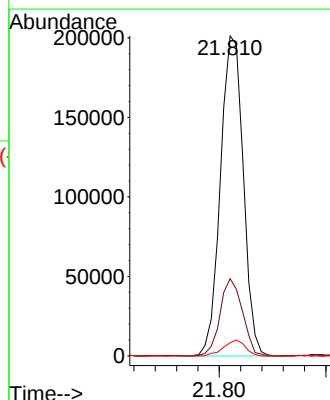
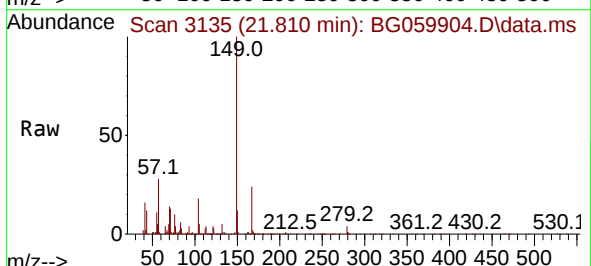
Tgt Ion:149 Resp: 298816

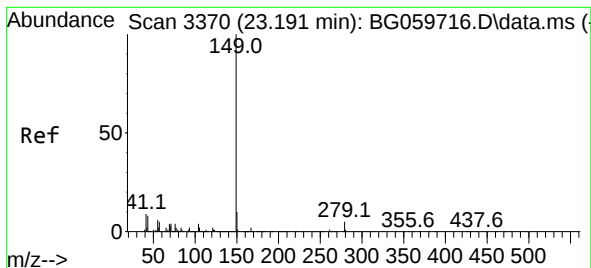
Ion Ratio Lower Upper

149 100

167 24.2 17.6 26.4

279 4.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.142 ng

RT: 23.138 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion:149 Resp: 52385

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

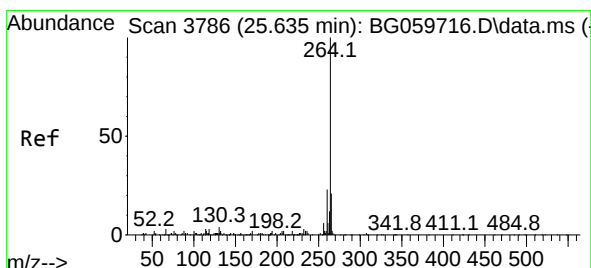
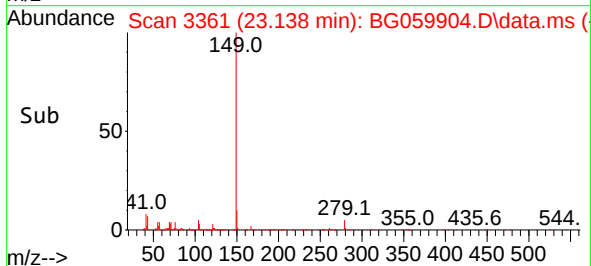
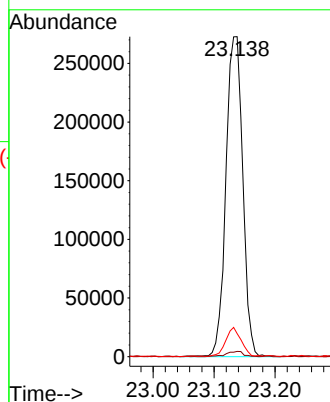
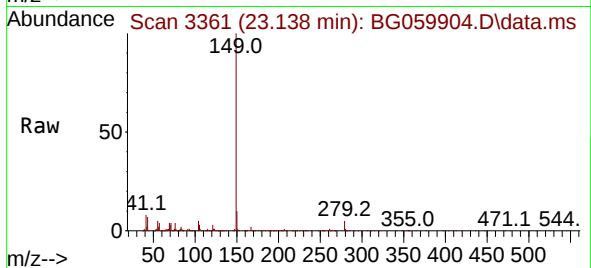
43 8.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.570 min Scan# 3775

Delta R.T. -0.009 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

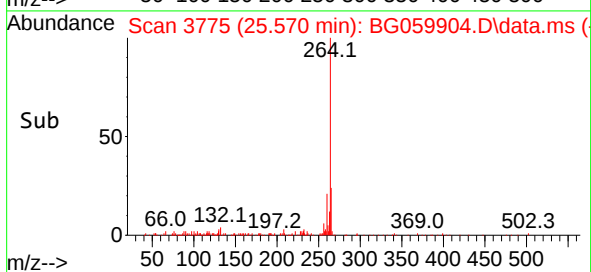
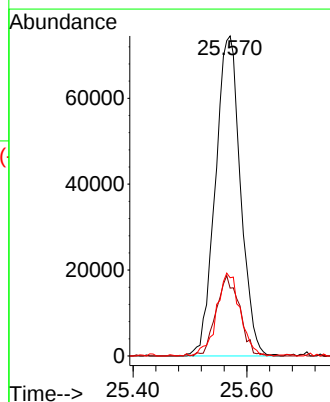
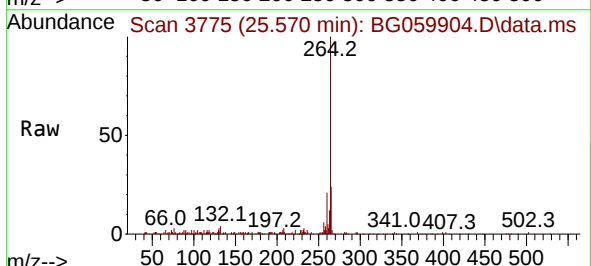
Tgt Ion:264 Resp: 228661

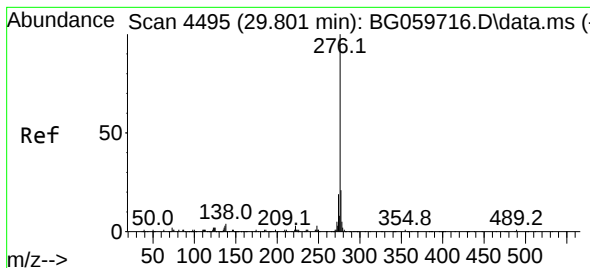
Ion Ratio Lower Upper

264 100

260 21.2 18.5 27.7

265 24.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.760 ng

RT: 29.701 min Scan# 44

Delta R.T. -0.014 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion:276 Resp: 809034

Ion Ratio Lower Upper

276 100

138 1.5 1.8 2.6

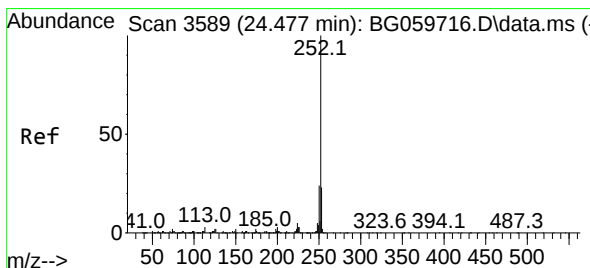
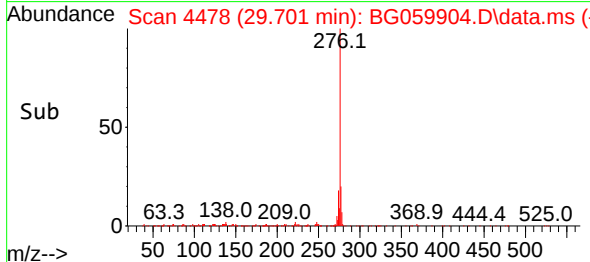
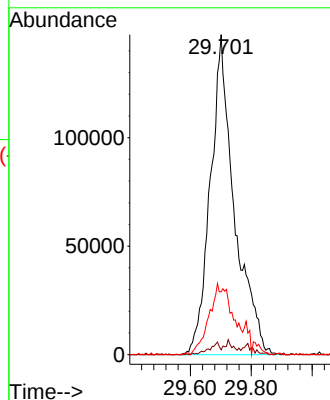
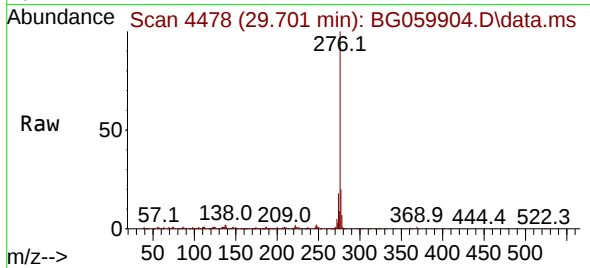
277 11.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#88

Benzo(b)fluoranthene

Concen: 52.295 ng m

RT: 24.419 min Scan# 3579

Delta R.T. -0.003 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

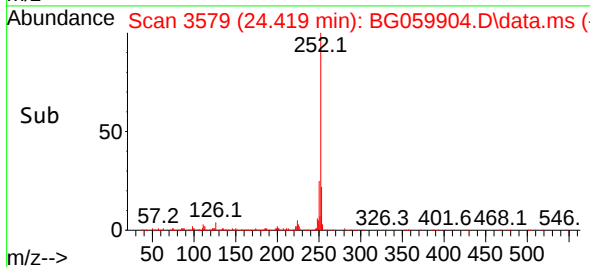
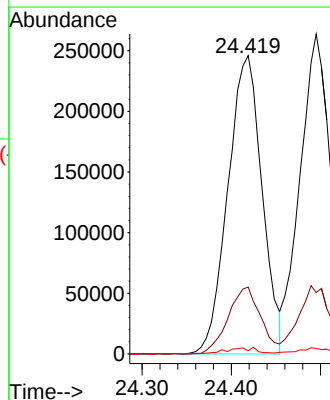
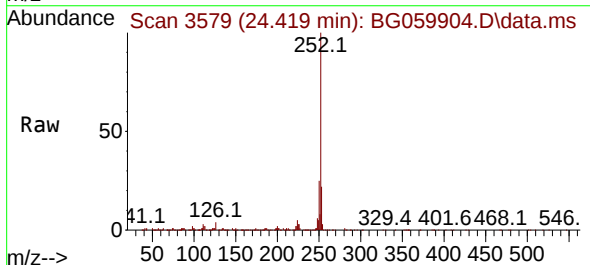
Tgt Ion:252 Resp: 655401

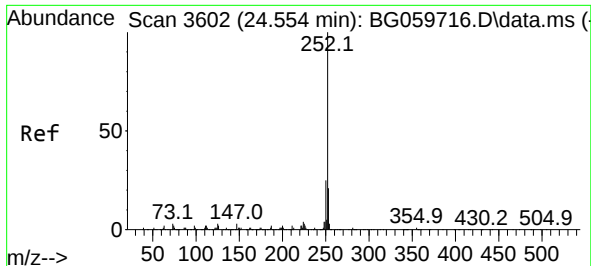
Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 1.1 1.4 2.0#





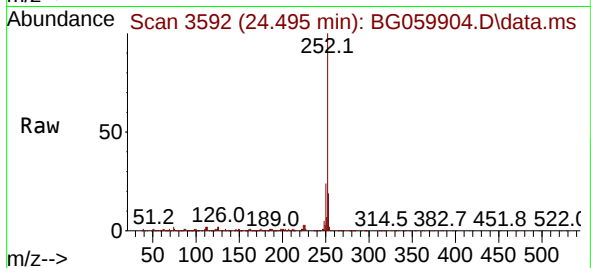
#89
Benzo(k)fluoranthene
Concen: 51.083 ng
RT: 24.495 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

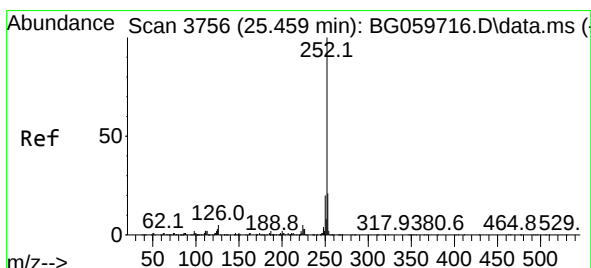
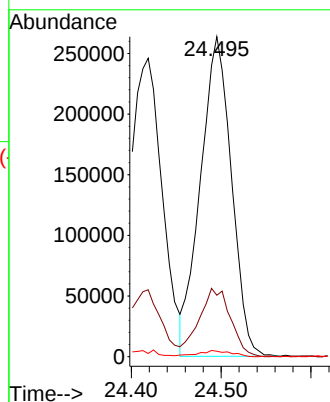
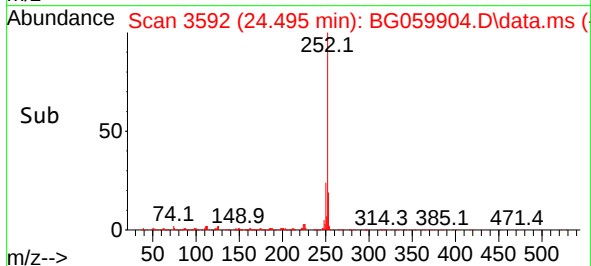


Tgt Ion:252 Resp: 632930
Ion Ratio Lower Upper
252 100
253 19.2 17.1 25.7
125 1.7 2.2 3.2

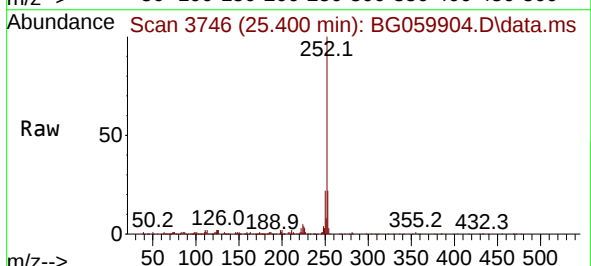
Manual Integrations

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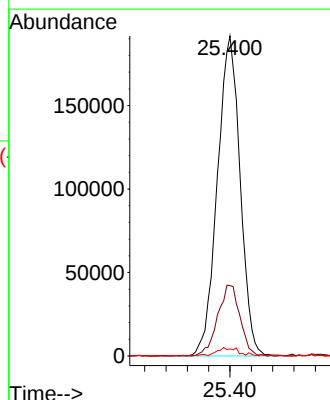
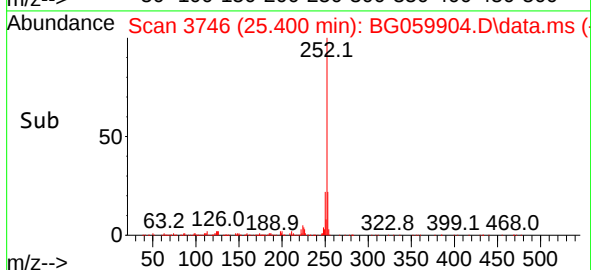
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

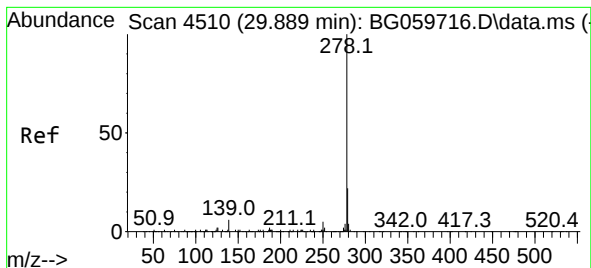


#90
Benzo(a)pyrene
Concen: 42.537 ng
RT: 25.400 min Scan# 3746
Delta R.T. -0.014 min
Lab File: BG059904.D
Acq: 27 Nov 2023 16:14



Tgt Ion:252 Resp: 568957
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 2.2 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 46.360 ng

RT: 29.777 min Scan# 44

Delta R.T. -0.026 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MS

Tgt Ion:278 Resp: 678634

Ion Ratio Lower Upper

278 100

139 4.2 4.6 7.0

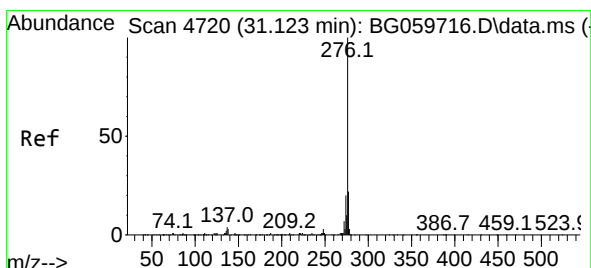
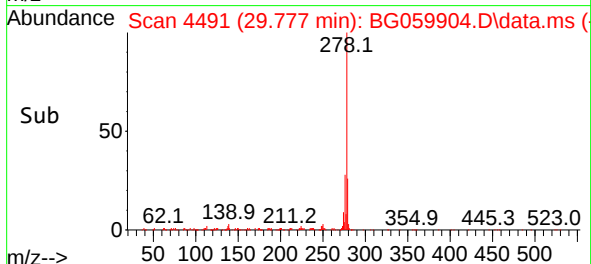
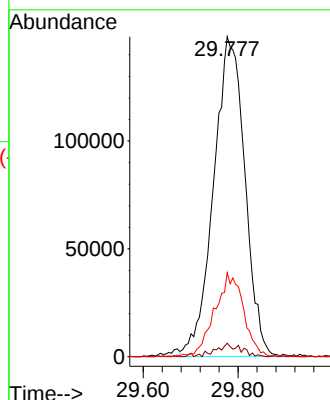
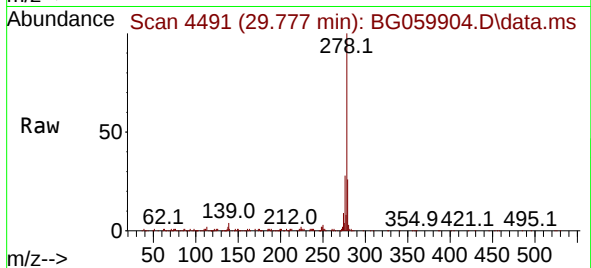
279 26.3 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 45.513 ng

RT: 31.023 min Scan# 4703

Delta R.T. -0.014 min

Lab File: BG059904.D

Acq: 27 Nov 2023 16:14

Tgt Ion:276 Resp: 632147

Ion Ratio Lower Upper

276 100

277 24.9 17.3 25.9

138 3.8 2.6 4.0

