

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060388.D
 Acq On : 22 Jan 2024 17:06
 Operator : MA/JU
 Sample : P1203-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 22 17:40:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	205689	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	840035	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	643587	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1531270	20.000	ng	0.00
76) Chrysene-d12	21.579	240	1409272	20.000	ng	0.00
86) Perylene-d12	24.751	264	1678739	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1114659	89.133	ng	0.00
7) Phenol-d6	7.096	99	1673602	90.378	ng	0.00
23) Nitrobenzene-d5	9.087	82	990892	55.700	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	801239	84.617	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2262004	48.865	ng	0.00
79) Terphenyl-d14	19.933	244	3393009	52.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	174423	30.534	ng	98
3) Pyridine	3.794	79	445400	27.635	ng	92
4) n-Nitrosodimethylamine	3.711	42	171740	34.047	ng	100
6) Aniline	7.254	93	441821	23.870	ng	98
8) 2-Chlorophenol	7.495	128	648200	52.301	ng	92
9) Benzaldehyde	7.066	77	414699m	39.015	ng	
10) Phenol	7.125	94	967761	52.124	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	710887	46.988	ng	97
12) 1,3-Dichlorobenzene	7.812	146	689450	44.320	ng	98
13) 1,4-Dichlorobenzene	7.965	146	709161	44.930	ng	100
14) 1,2-Dichlorobenzene	8.282	146	697847	42.998	ng	99
15) Benzyl Alcohol	8.165	79	598353	49.917	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	809196	44.068	ng	98
17) 2-Methylphenol	8.370	107	628588	49.292	ng	99
18) Hexachloroethane	9.011	117	255276	46.129	ng	94
19) n-Nitroso-di-n-propyla...	8.729	70	561745	43.831	ng	97
20) 3+4-Methylphenols	8.700	107	855403	49.751	ng	96
22) Acetophenone	8.747	105	1078842	46.721	ng	# 99
24) Nitrobenzene	9.134	77	808354	43.833	ng	96
25) Isophorone	9.651	82	1566628	43.851	ng	98
26) 2-Nitrophenol	9.839	139	363998	53.682	ng	96
27) 2,4-Dimethylphenol	9.904	122	542123	60.507	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	959874	43.973	ng	98
29) 2,4-Dichlorophenol	10.380	162	774771	53.362	ng	95
30) 1,2,4-Trichlorobenzene	10.591	180	830851	45.997	ng	98
31) Naphthalene	10.779	128	2046129	46.467	ng	99
32) Benzoic acid	10.045	122	478695	57.843	ng	96
33) 4-Chloroaniline	10.891	127	250039	14.737	ng	98
34) Hexachlorobutadiene	11.061	225	518981	44.105	ng	98
35) Caprolactam	11.667	113	267059m	57.108	ng	
36) 4-Chloro-3-methylphenol	12.019	107	800490	54.271	ng	99
37) 2-Methylnaphthalene	12.389	142	1545066	47.310	ng	96
38) 1-Methylnaphthalene	12.613	142	1500195	45.746	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	1062742	46.495	ng	98
41) Hexachlorocyclopentadiene	12.736	237	934596	123.156	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	732705	50.371	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060388.D
 Acq On : 22 Jan 2024 17:06
 Operator : MA/JU
 Sample : P1203-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 22 17:40:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	833259	51.935	ng	95
46) 1,1'-Biphenyl	13.400	154	2190803	45.097	ng	99
47) 2-Chloronaphthalene	13.447	162	1843090	44.286	ng	98
48) 2-Nitroaniline	13.647	65	555853	53.630	ng	97
49) Acenaphthylene	14.293	152	2939308	51.287	ng	99
50) Dimethylphthalate	14.023	163	2227404	45.289	ng	99
51) 2,6-Dinitrotoluene	14.140	165	517362	49.299	ng	97
52) Acenaphthene	14.634	154	2289977	64.169	ng	98
53) 3-Nitroaniline	14.469	138	245492	25.672	ng	94
54) 2,4-Dinitrophenol	14.681	184	635739	97.776	ng	97
55) Dibenzofuran	14.969	168	3242062	54.422	ng	94
56) 4-Nitrophenol	14.792	139	852829	120.238	ng	95
57) 2,4-Dinitrotoluene	14.933	165	735576	51.114	ng	90
58) Fluorene	15.615	166	3056301	61.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	726442	53.320	ng	# 96
60) Diethylphthalate	15.386	149	2157352	45.691	ng	98
61) 4-Chlorophenyl-phenyle...	15.609	204	1202443	44.246	ng	98
62) 4-Nitroaniline	15.644	138	483730	47.529	ng	97
63) Azobenzene	15.903	77	2222158	46.531	ng	92
65) 4,6-Dinitro-2-methylph...	15.697	198	444818	52.509	ng	96
66) n-Nitrosodiphenylamine	15.826	169	2049864	50.416	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	785897	46.708	ng	97
68) Hexachlorobenzene	16.620	284	903599	45.369	ng	97
69) Atrazine	16.772	200	800096	52.187	ng	96
70) Pentachlorophenol	16.966	266	1134931	105.718	ng	94
71) Phenanthrene	17.360	178	6358814m	85.913	ng	
72) Anthracene	17.448	178	4147735	56.129	ng	98
73) Carbazole	17.718	167	3353796	48.141	ng	97
74) Di-n-butylphthalate	18.271	149	3564693	49.730	ng	100
75) Fluoranthene	19.375	202	6788002	76.357	ng	71
77) Benzidine	19.552	184	1420977	46.412	ng	99
78) Pyrene	19.740	202	6420696	71.345	ng	# 82
80) Butylbenzylphthalate	20.621	149	1719542	55.536	ng	97
81) Benzo(a)anthracene	21.561	228	5342705m	61.238	ng	
82) 3,3'-Dichlorobenzidine	21.479	252	684702	20.493	ng	98
83) Chrysene	21.626	228	5106014	59.507	ng	96
84) Bis(2-ethylhexyl)phtha...	21.461	149	2490911	53.239	ng	95
85) Di-n-octyl phthalate	22.654	149	4241094	55.937	ng	100
87) Indeno(1,2,3-cd)pyrene	28.376	276	6655408	57.018	ng	# 93
88) Benzo(b)fluoranthene	23.741	252	6641636	66.970	ng	99
89) Benzo(k)fluoranthene	23.811	252	5181248	52.943	ng	98
90) Benzo(a)pyrene	24.604	252	5374781	59.994	ng	96
91) Dibenzo(a,h)anthracene	28.423	278	4850554	50.884	ng	99
92) Benzo(g,h,i)perylene	29.499	276	5241518	53.649	ng	99

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

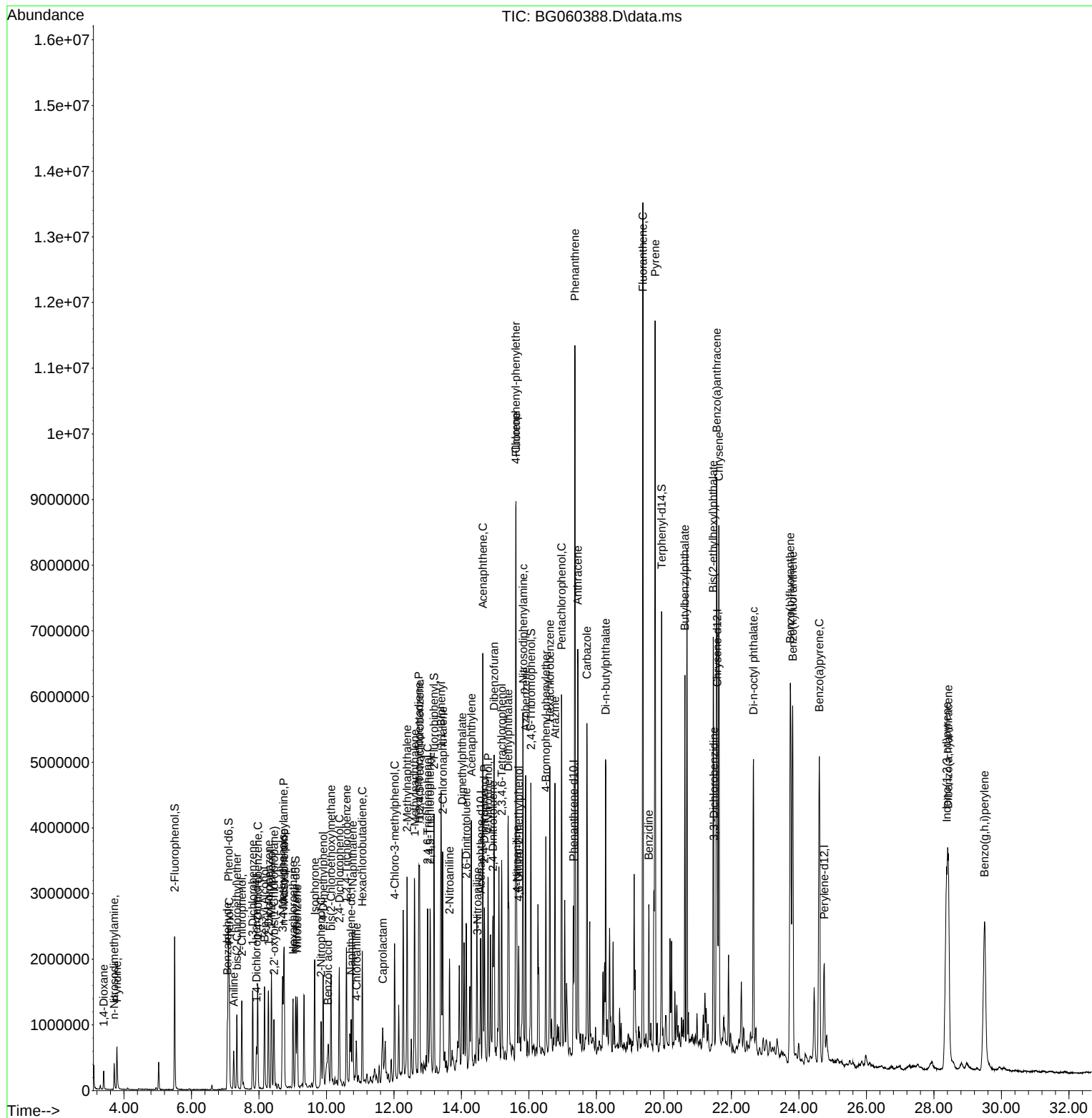
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
Data File : BG060388.D
Acq On : 22 Jan 2024 17:06
Operator : MA/JU
Sample : P1203-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

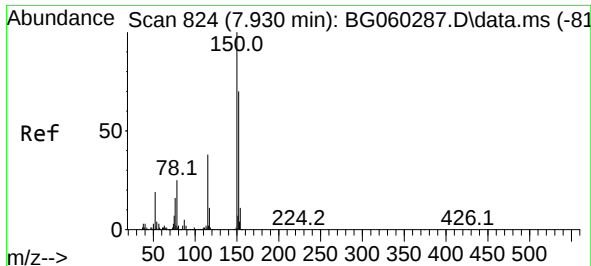
Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 22 17:40:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration





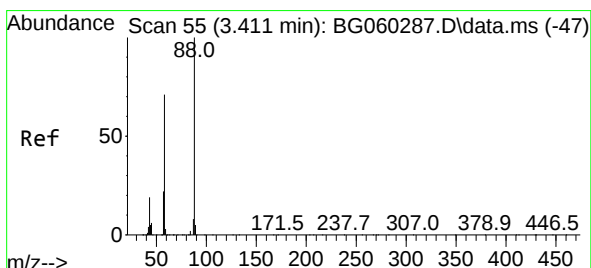
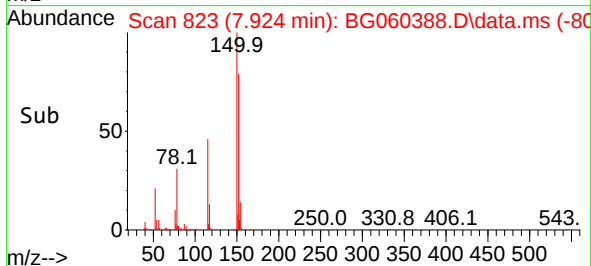
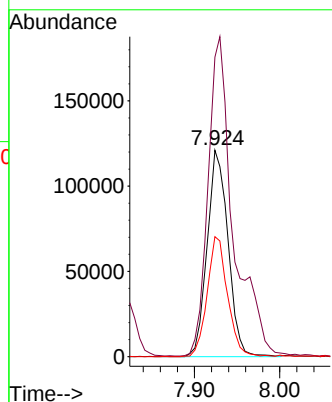
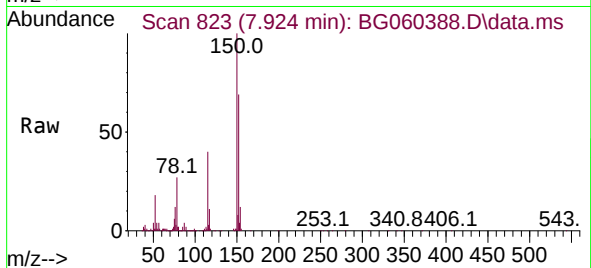
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion:152 Resp: 205689
Ion Ratio Lower Upper
152 100
150 145.1 114.5 171.7
115 58.1 43.0 64.6

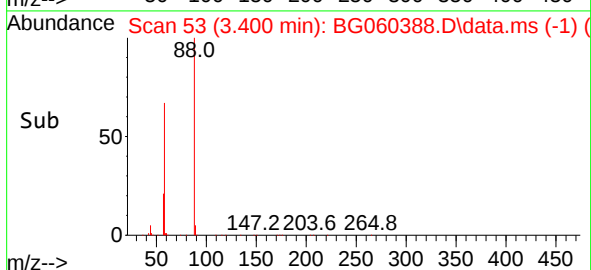
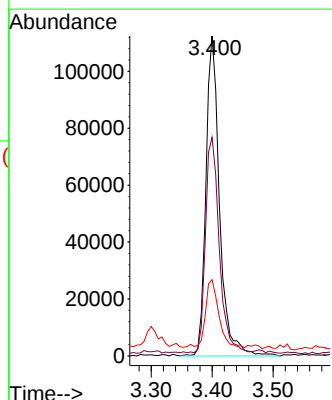
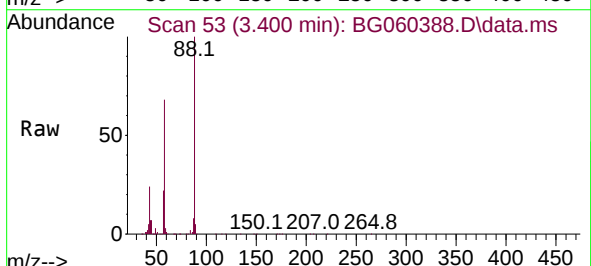
Manual Integrations
APPROVED

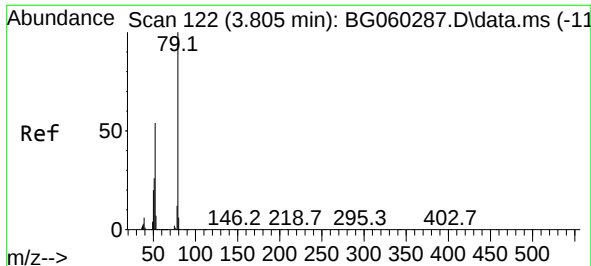
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#2
1,4-Dioxane
Concen: 30.534 ng
RT: 3.400 min Scan# 53
Delta R.T. -0.012 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion: 88 Resp: 174423
Ion Ratio Lower Upper
88 100
58 67.6 55.9 83.9
43 20.7 16.6 24.8





#3

Pyridine

Concen: 27.635 ng

RT: 3.794 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Tgt Ion: 79 Resp: 445400

Ion Ratio Lower Upper

79 100

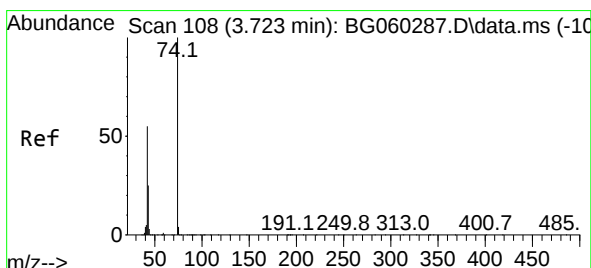
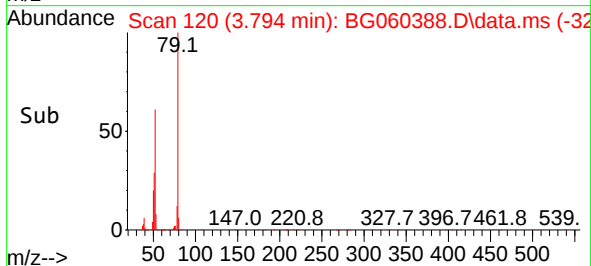
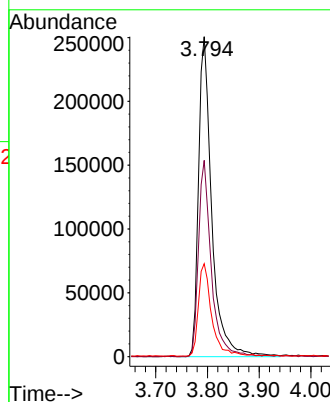
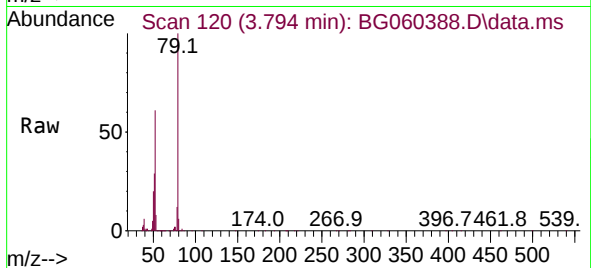
52 61.3 43.2 64.8

51 29.0 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#4

n-Nitrosodimethylamine

Concen: 34.047 ng

RT: 3.711 min Scan# 106

Delta R.T. -0.011 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

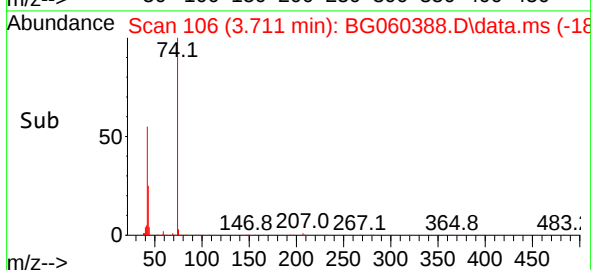
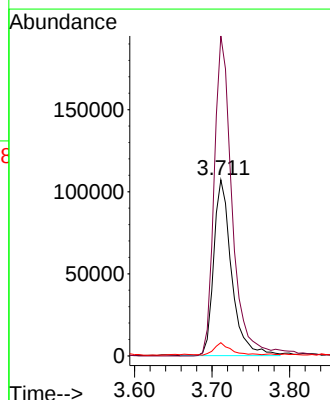
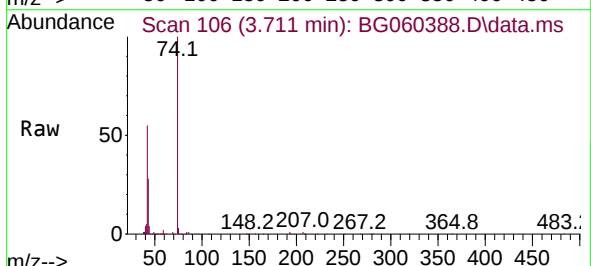
Tgt Ion: 42 Resp: 171740

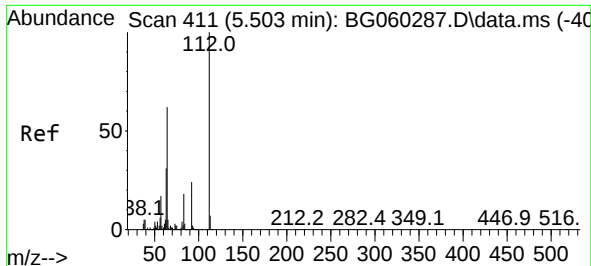
Ion Ratio Lower Upper

42 100

74 181.7 145.1 217.7

44 7.5 5.2 7.8





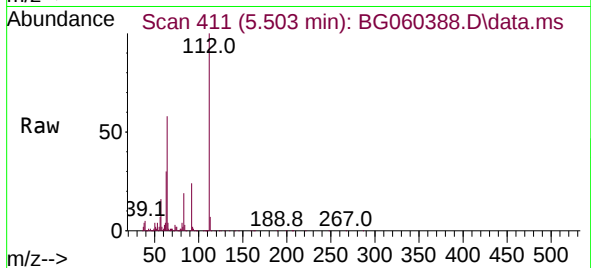
#5
2-Fluorophenol
Concen: 89.133 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

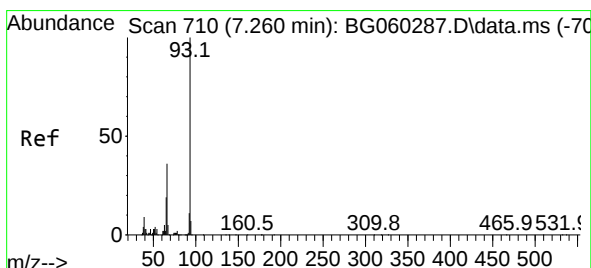
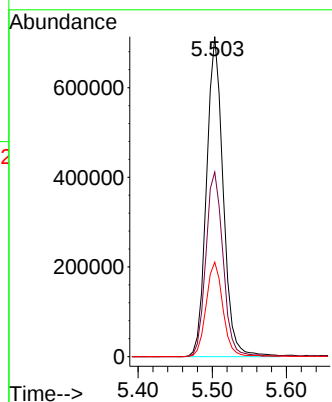
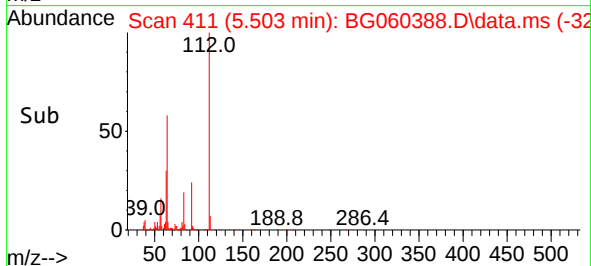


Tgt Ion:112 Resp: 1114659
Ion Ratio Lower Upper
112 100
64 57.7 49.8 74.6
63 29.5 24.4 36.6

Manual Integrations

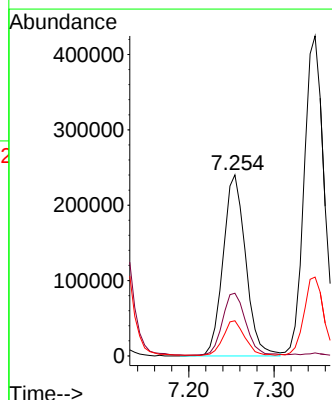
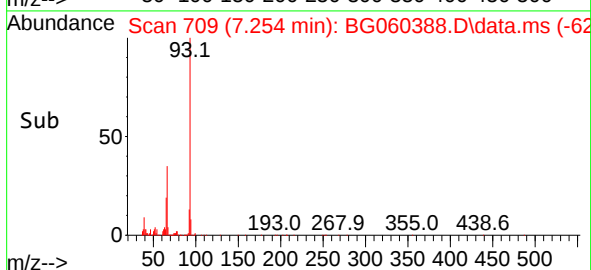
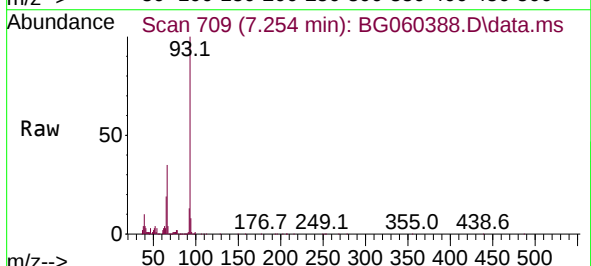
APPROVED

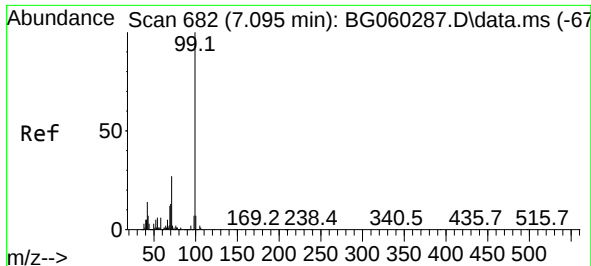
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#6
Aniline
Concen: 23.870 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

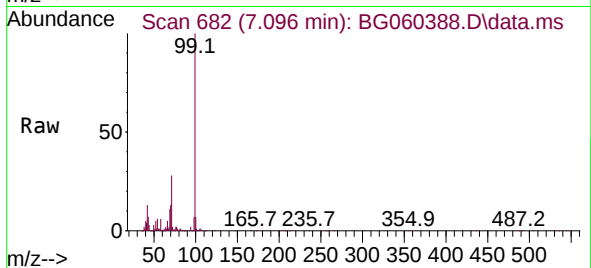
Tgt Ion: 93 Resp: 441821
Ion Ratio Lower Upper
93 100
66 34.7 29.0 43.4
65 19.4 15.1 22.7





#7
Phenol-d6
Concen: 90.378 ng
RT: 7.096 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

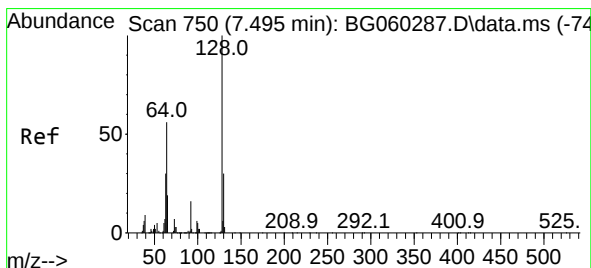
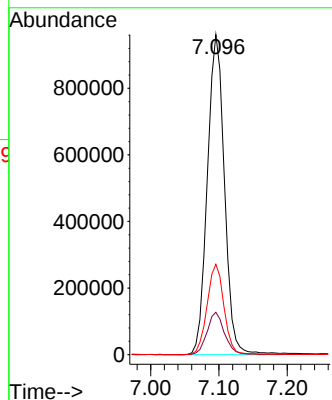
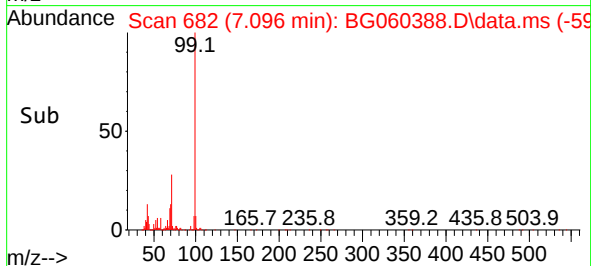
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



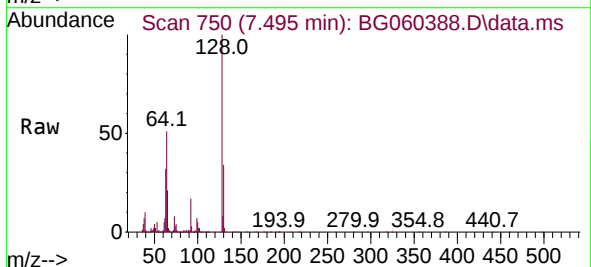
Tgt Ion: 99 Resp: 1673602
Ion Ratio Lower Upper
99 100
42 13.2 10.9 16.3
71 28.2 21.5 32.3

Manual Integrations
APPROVED

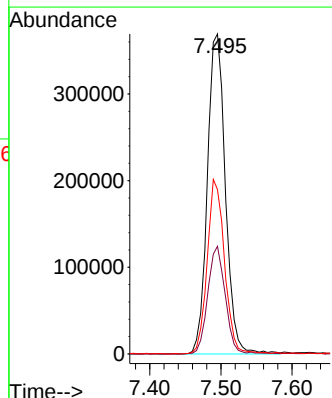
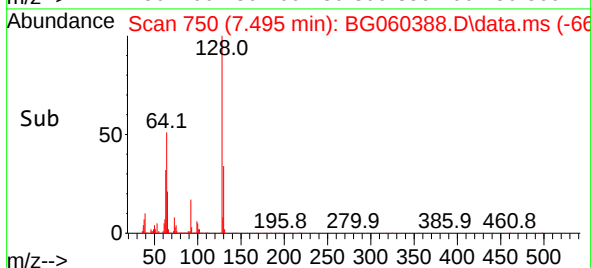
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

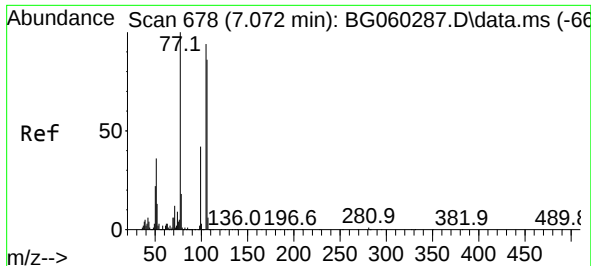


#8
2-Chlorophenol
Concen: 52.301 ng
RT: 7.495 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:128 Resp: 648200
Ion Ratio Lower Upper
128 100
130 33.6 9.9 49.9
64 51.4 37.8 77.8





#9
Benzaldehyde
Concen: 39.015 ng m
RT: 7.066 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

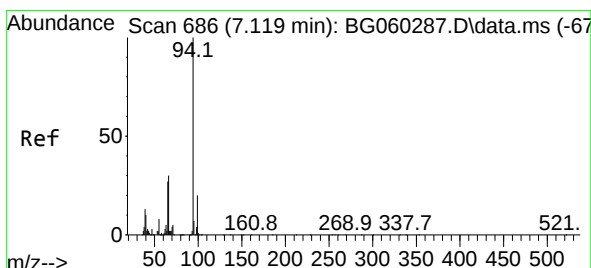
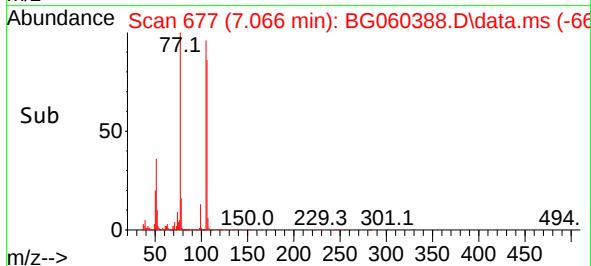
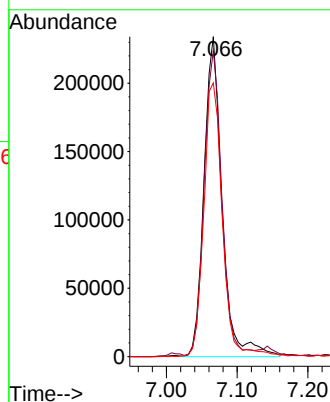
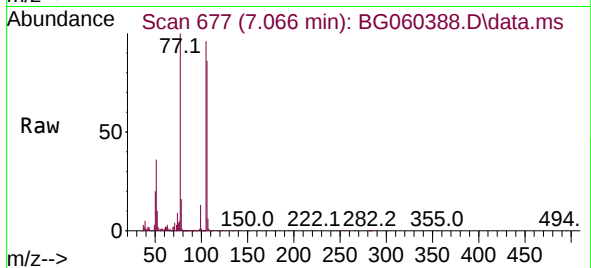
ClientSampleId :

72-11977MSD

Tgt Ion: 77 Resp: 414699
Ion Ratio Lower Upper
77 100
105 95.6 73.6 113.6
106 85.5 66.2 106.2

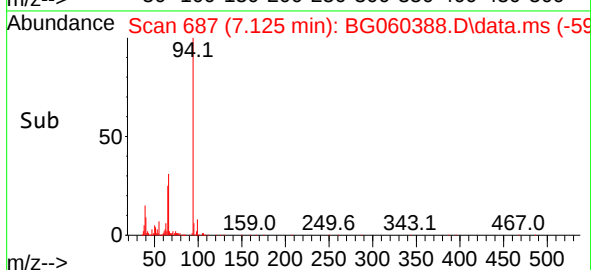
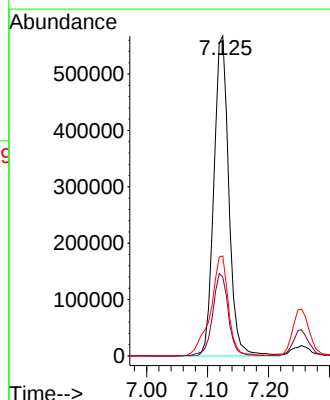
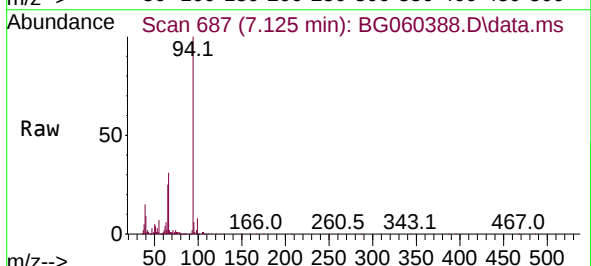
Manual Integrations
APPROVED

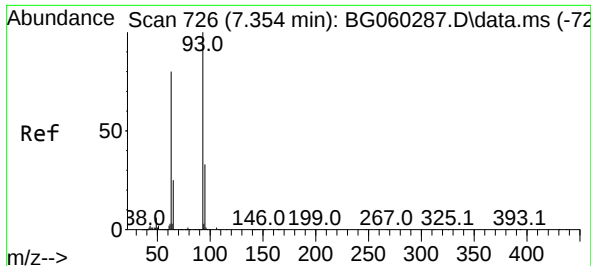
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#10
Phenol
Concen: 52.124 ng
RT: 7.125 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

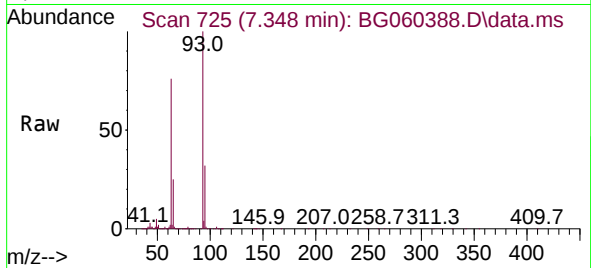
Tgt Ion: 94 Resp: 967761
Ion Ratio Lower Upper
94 100
65 24.7 6.7 46.7
66 31.2 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 46.988 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

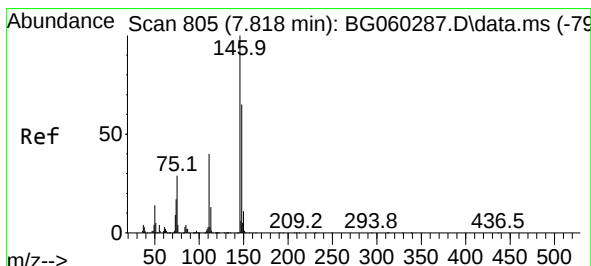
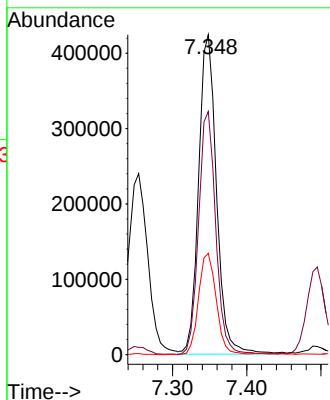
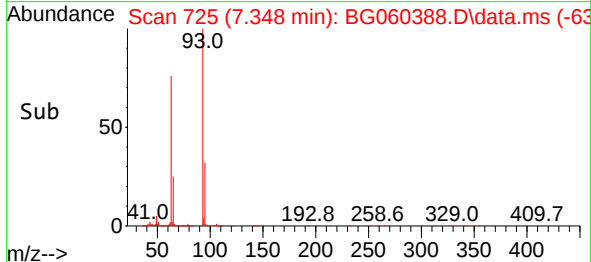
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion: 93 Resp: 71088
Ion Ratio Lower Upper
93 100
63 76.0 59.3 99.3
95 31.6 12.8 52.8

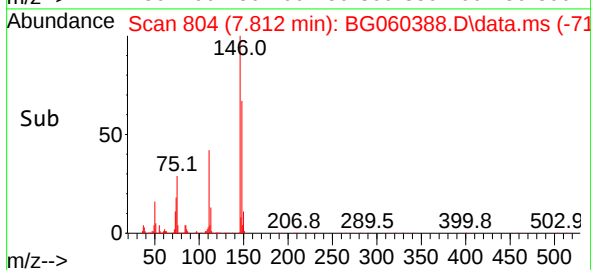
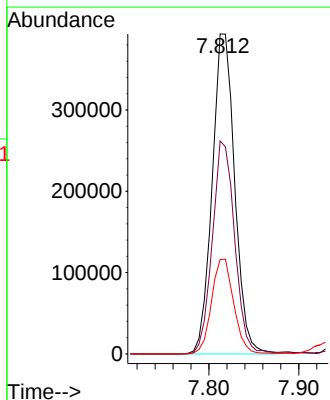
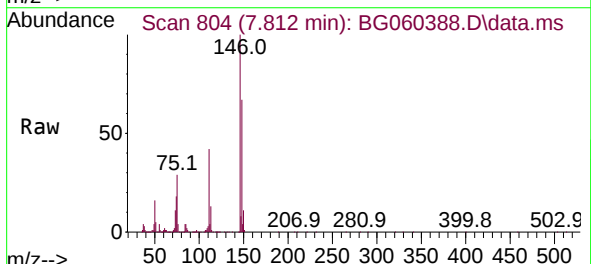
Manual Integrations
APPROVED

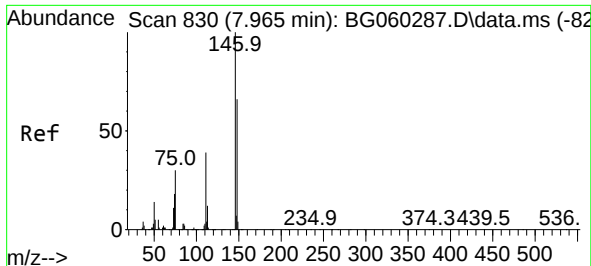
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.320 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

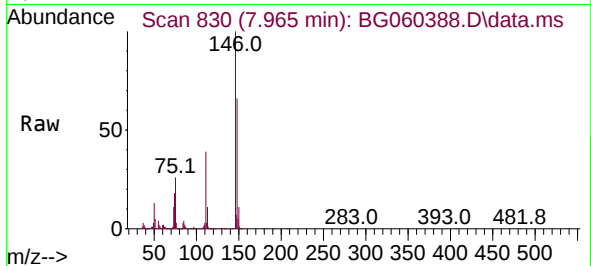
Tgt Ion:146 Resp: 689450
Ion Ratio Lower Upper
146 100
148 66.5 52.3 78.5
75 29.5 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 44.930 ng
RT: 7.965 min Scan# 830
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

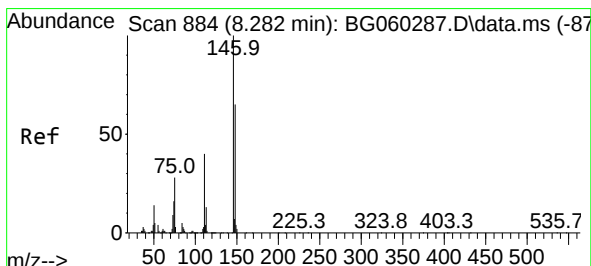
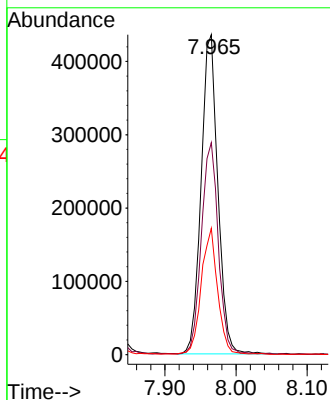
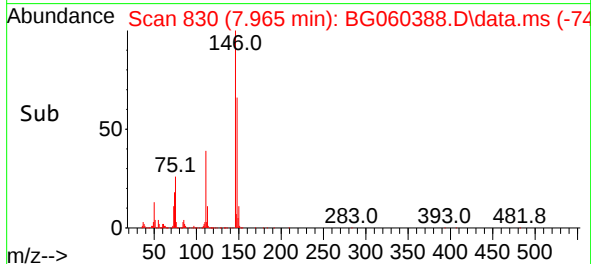
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:146 Resp: 709163
Ion Ratio Lower Upper
146 100
148 66.2 52.7 79.1
111 39.5 31.4 47.0

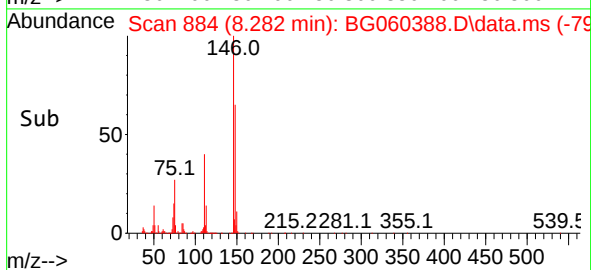
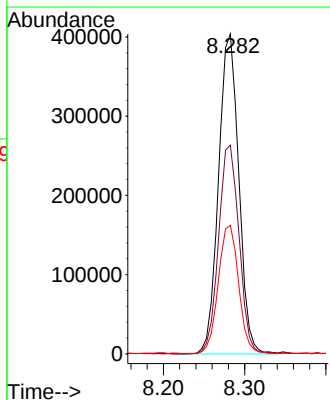
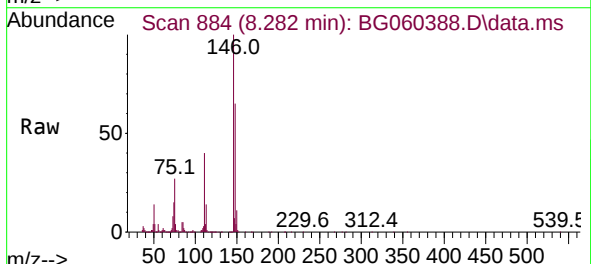
Manual Integrations
APPROVED

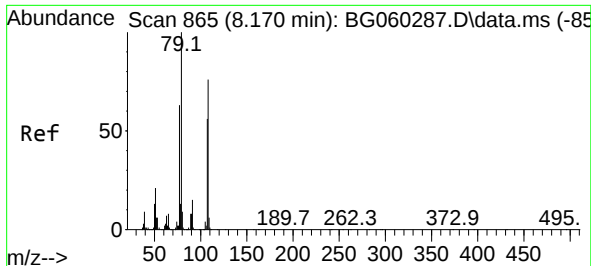
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#14
1,2-Dichlorobenzene
Concen: 42.998 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

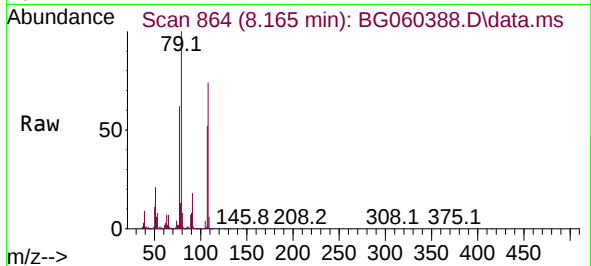
Tgt Ion:146 Resp: 697847
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
111 40.2 32.6 48.8





#15
Benzyl Alcohol
Concen: 49.917 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

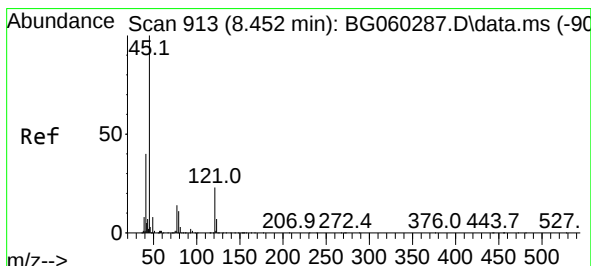
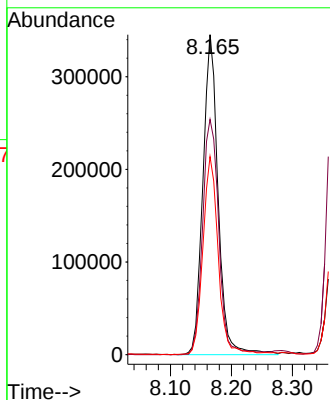
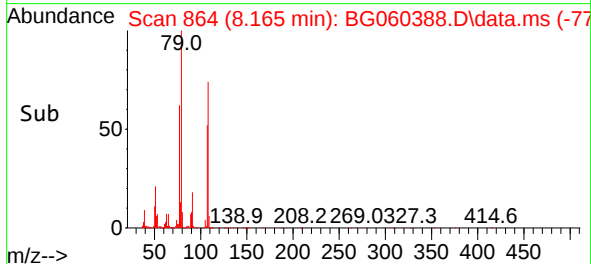
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



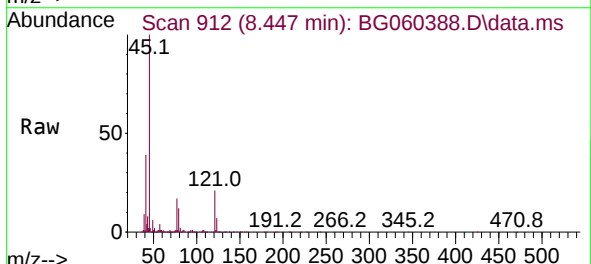
Tgt Ion: 79 Resp: 59835
Ion Ratio Lower Upper
79 100
108 73.5 61.2 91.8
77 61.9 50.3 75.5

Manual Integrations
APPROVED

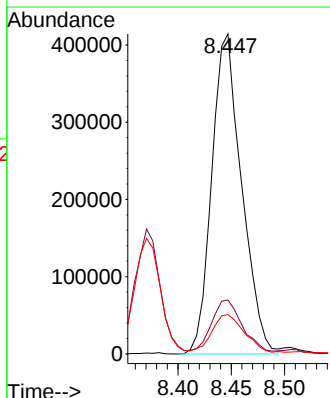
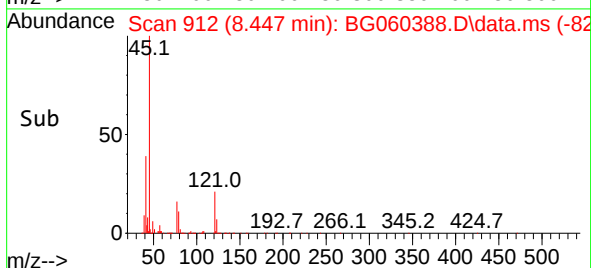
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

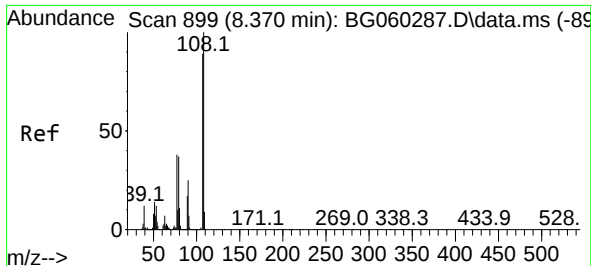


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.068 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



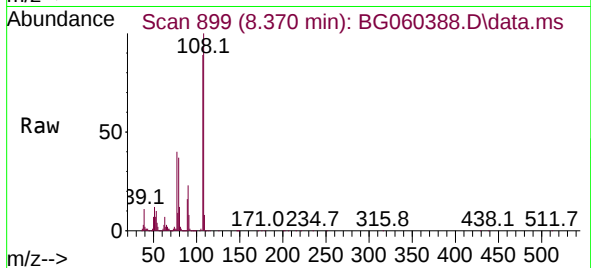
Tgt Ion: 45 Resp: 809196
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.3
79 12.3 0.0 34.0





#17
2-Methylphenol
Concen: 49.292 ng
RT: 8.370 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

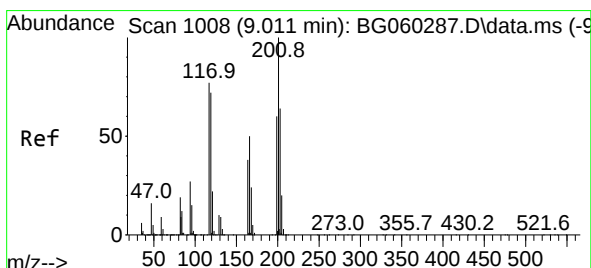
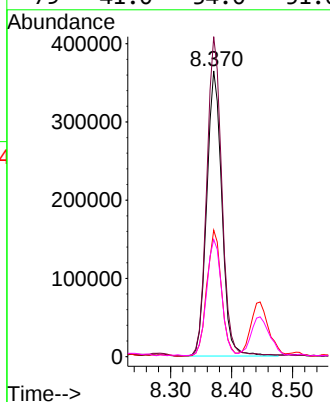
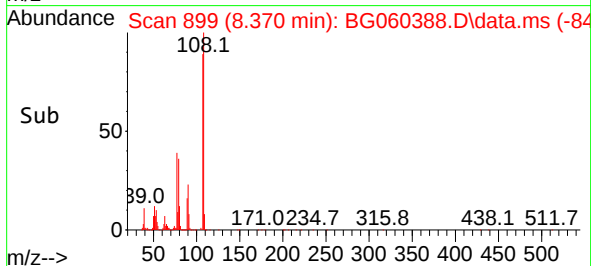
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:	107	Resp:	628588
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.5	135.7
77	44.3	35.0	52.6
79	41.0	34.0	51.0

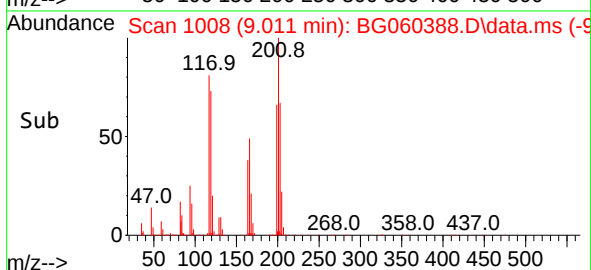
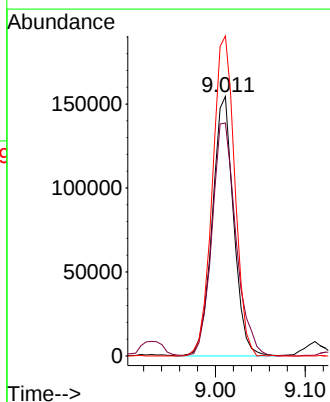
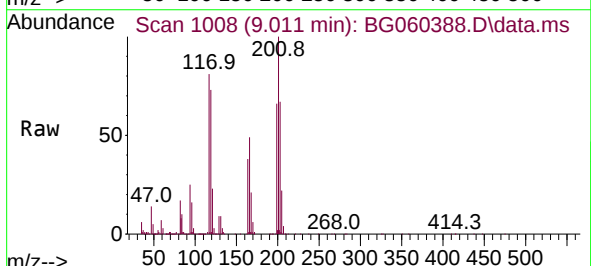
Manual Integrations
APPROVED

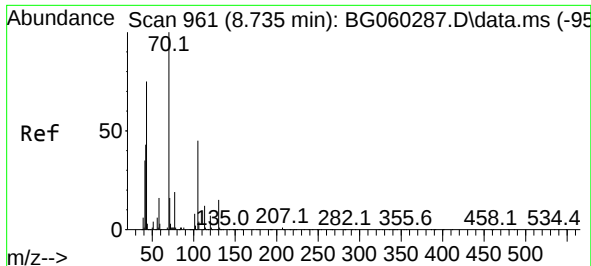
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#18
Hexachloroethane
Concen: 46.129 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

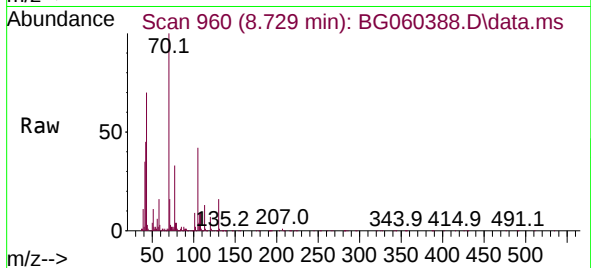
Tgt Ion:	117	Resp:	255276
Ion Ratio	Lower	Upper	
117	100		
119	89.8	74.5	111.7
201	123.4	106.3	159.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.831 ng
RT: 8.729 min Scan# 961
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

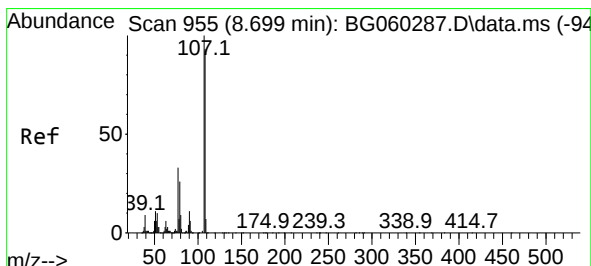
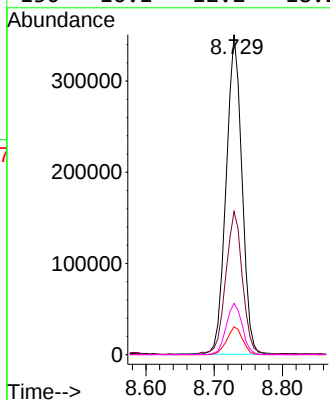
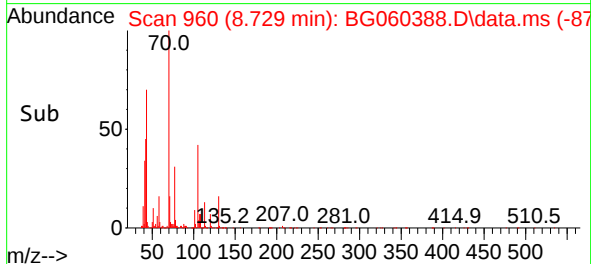
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion: 70 Resp: 561745
Ion Ratio Lower Upper
70 100
42 44.7 34.3 51.5
101 8.7 6.2 9.2
130 16.1 12.2 18.2

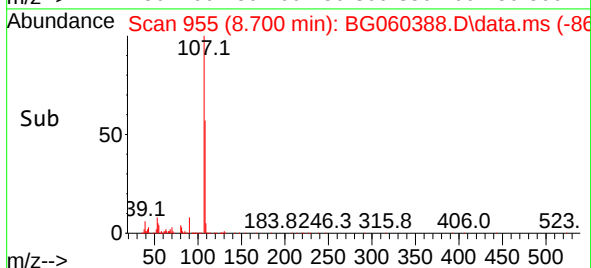
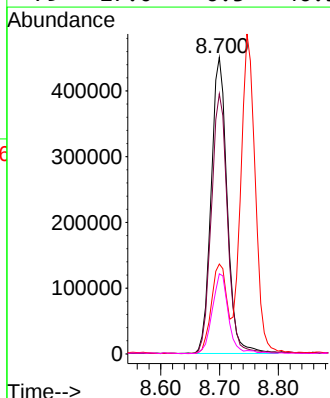
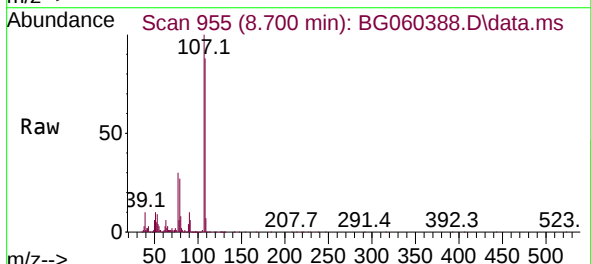
Manual Integrations
APPROVED

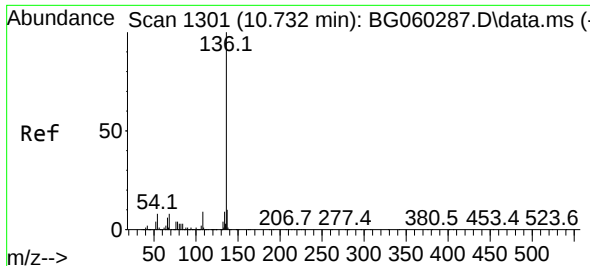
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#20
3+4-Methylphenols
Concen: 49.751 ng
RT: 8.700 min Scan# 955
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:107 Resp: 855403
Ion Ratio Lower Upper
107 100
108 87.7 72.5 112.5
77 30.3 13.0 53.0
79 27.0 6.3 46.3





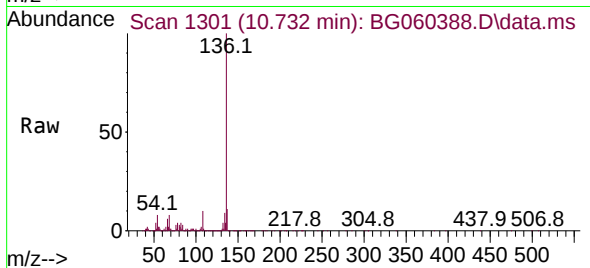
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

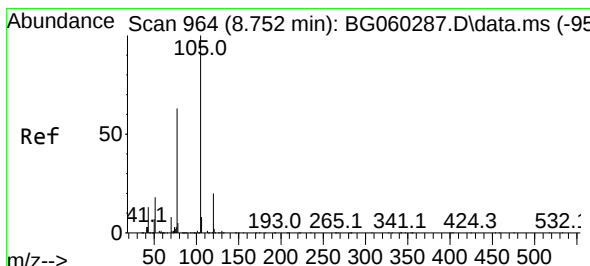
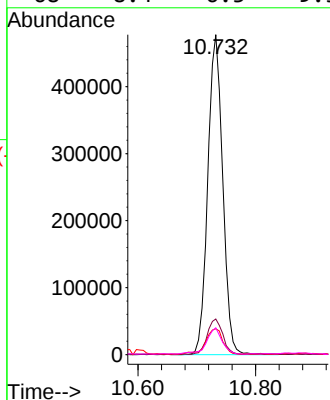
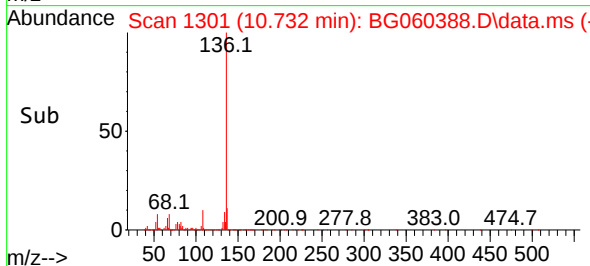


Tgt Ion:136 Resp: 840035
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 8.1 6.2 9.2
68 8.4 6.3 9.5

Manual Integrations

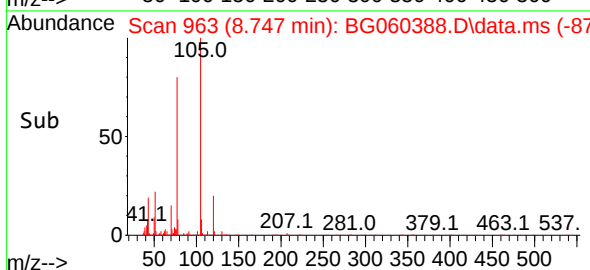
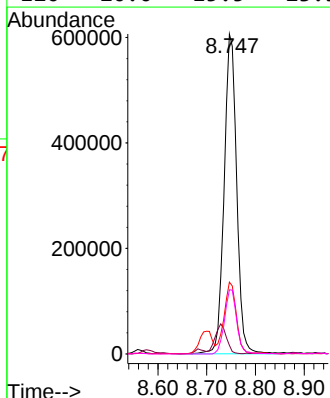
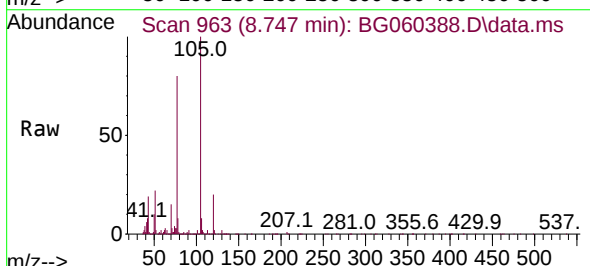
APPROVED

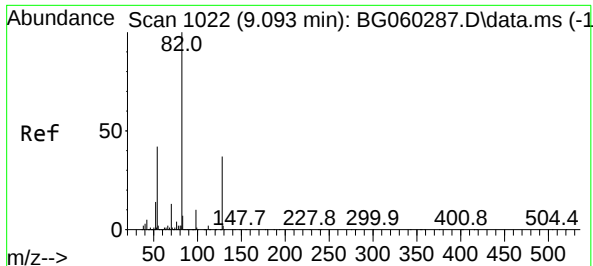
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#22
Acetophenone
Concen: 46.721 ng
RT: 8.747 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

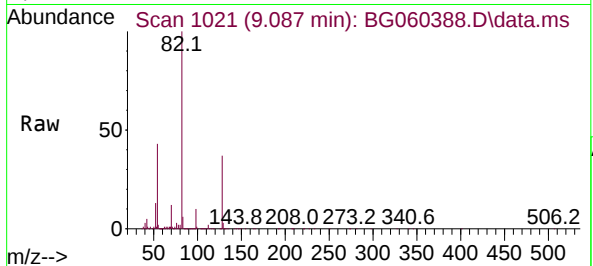
Tgt Ion:105 Resp: 1078842
Ion Ratio Lower Upper
105 100
71 2.7 1.7 2.5#
51 22.4 18.2 27.2
120 20.0 15.5 23.3





#23
Nitrobenzene-d5
Concen: 55.700 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

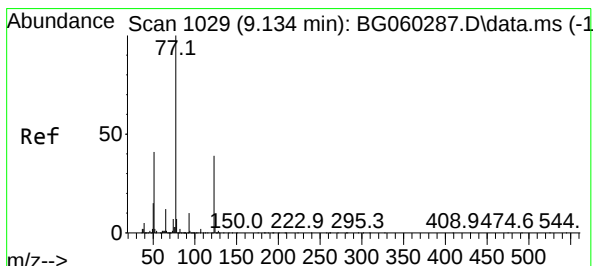
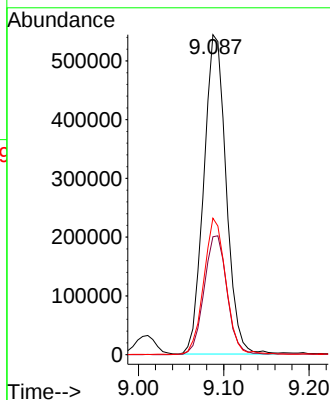
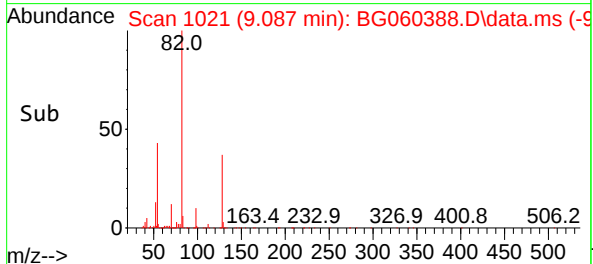
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion: 82 Resp: 990892
Ion Ratio Lower Upper
82 100
128 36.8 29.6 44.4
54 42.6 33.6 50.4

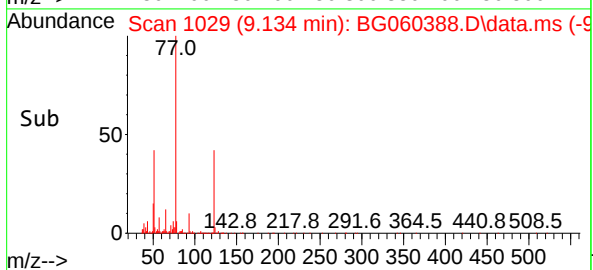
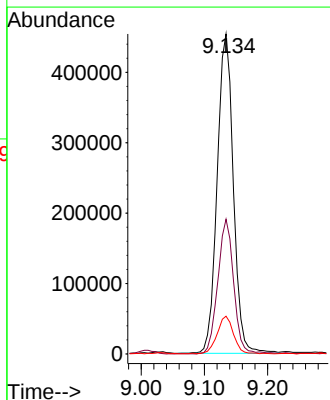
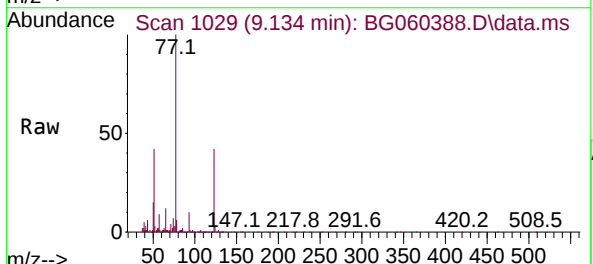
Manual Integrations
APPROVED

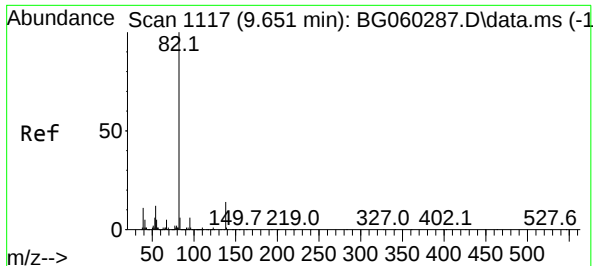
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#24
Nitrobenzene
Concen: 43.833 ng
RT: 9.134 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

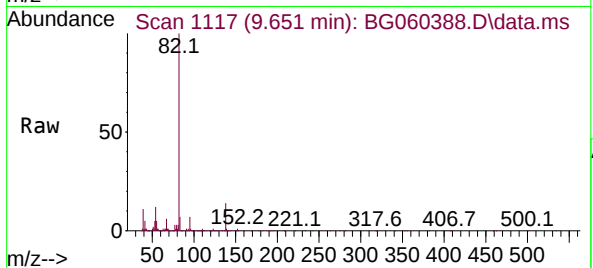
Tgt Ion: 77 Resp: 808354
Ion Ratio Lower Upper
77 100
123 42.1 31.4 47.0
65 11.8 9.6 14.4





#25
Isophorone
Concen: 43.851 ng
RT: 9.651 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

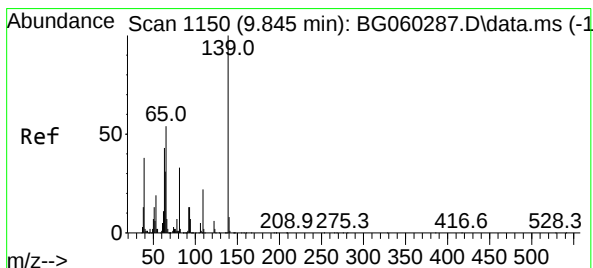
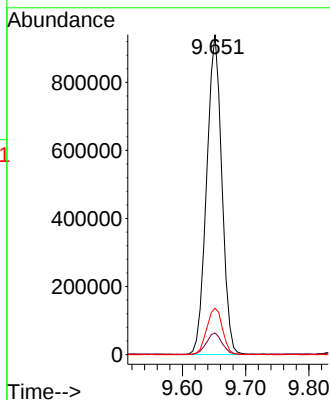
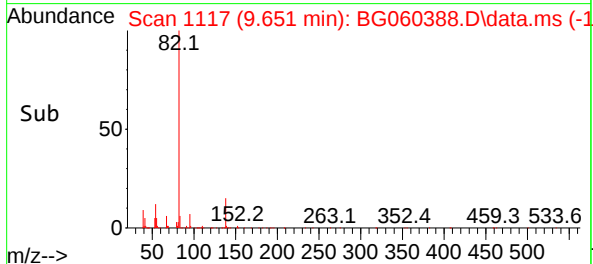
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



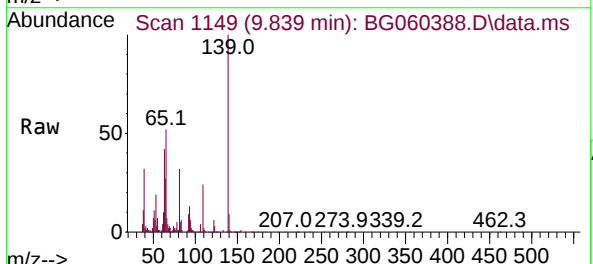
Tgt Ion: 82 Resp: 1566628
Ion Ratio Lower Upper
82 100
95 6.8 4.7 7.1
138 14.5 11.1 16.7

Manual Integrations
APPROVED

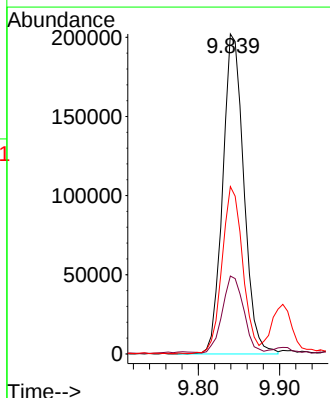
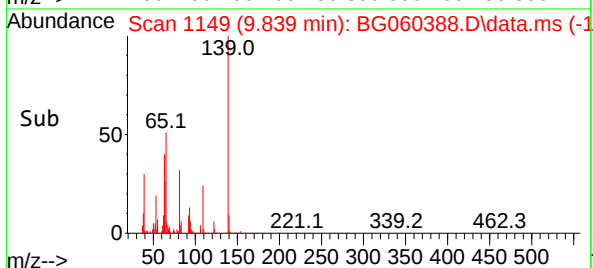
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

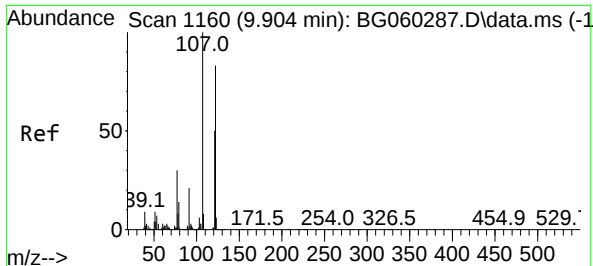


#26
2-Nitrophenol
Concen: 53.682 ng
RT: 9.839 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:139 Resp: 363998
Ion Ratio Lower Upper
139 100
109 24.3 17.6 26.4
65 52.3 43.6 65.4





#27
2,4-Dimethylphenol
Concen: 60.507 ng
RT: 9.904 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

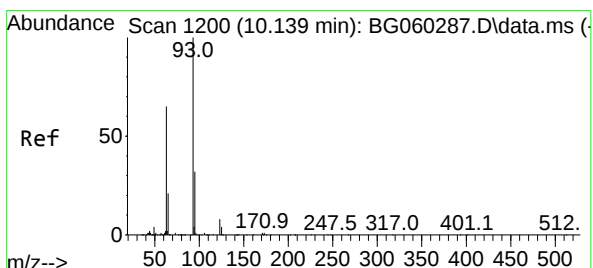
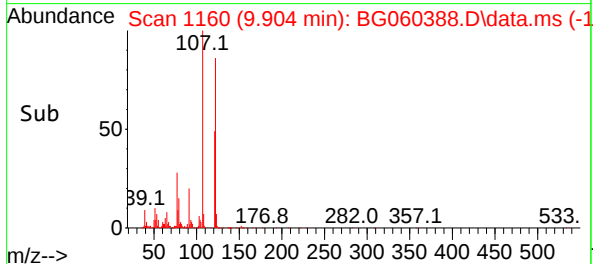
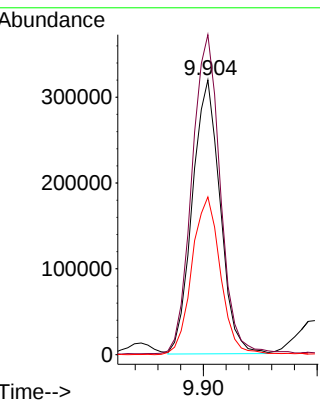
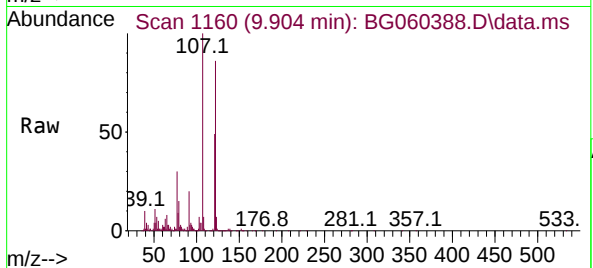
72-11977MSD

Tgt Ion:122 Resp: 542123
Ion Ratio Lower Upper
122 100
107 116.5 95.4 143.0
121 57.4 47.7 71.5

Manual Integrations

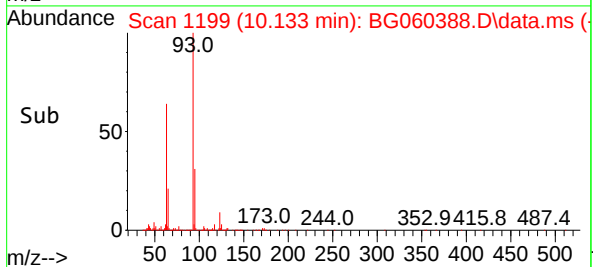
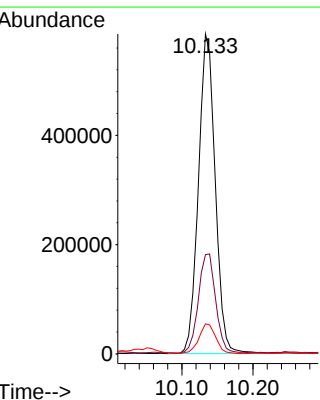
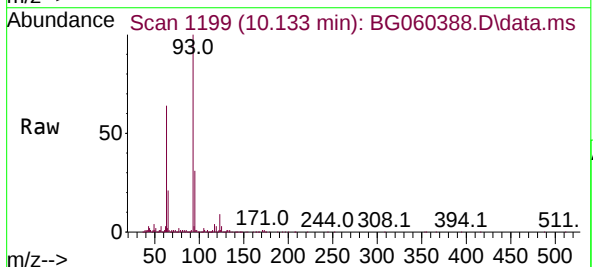
APPROVED

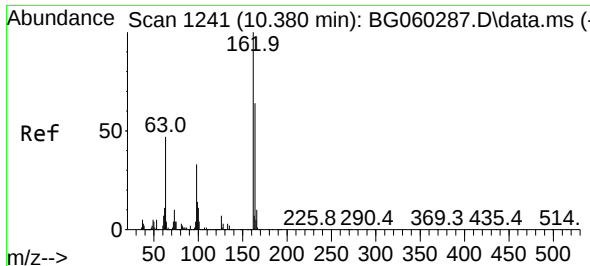
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.973 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion: 93 Resp: 959874
Ion Ratio Lower Upper
93 100
95 31.0 25.4 38.0
123 9.4 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 53.362 ng

RT: 10.380 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

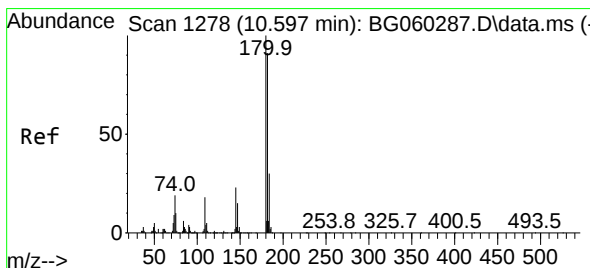
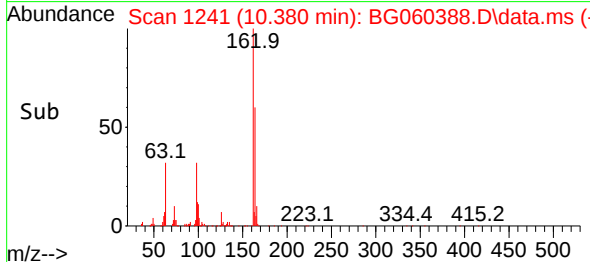
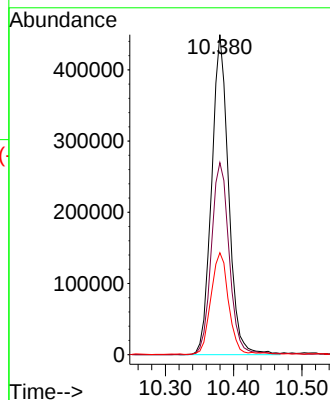
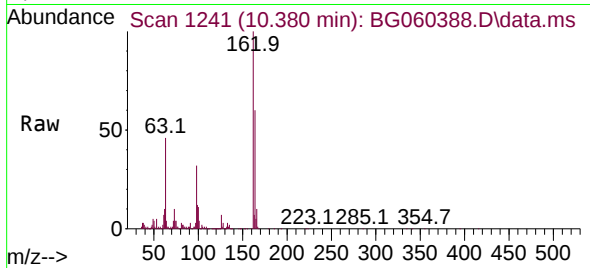
72-11977MSD

Tgt Ion:162 Resp: 774771
 Ion Ratio Lower Upper
 162 100
 164 60.0 44.3 84.3
 98 31.8 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.997 ng

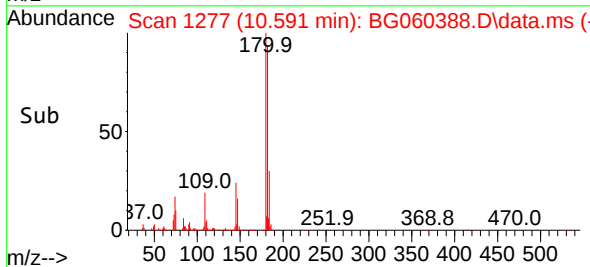
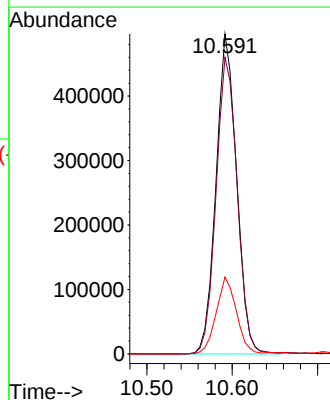
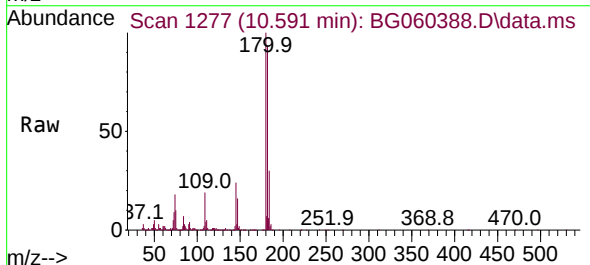
RT: 10.591 min Scan# 1277

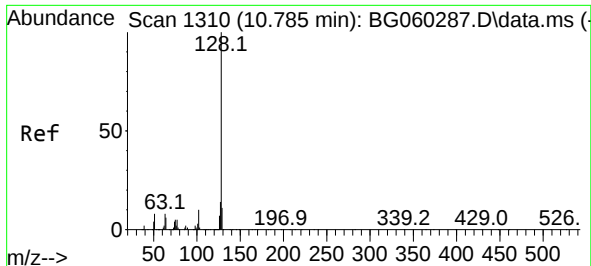
Delta R.T. -0.006 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Tgt Ion:180 Resp: 830851
 Ion Ratio Lower Upper
 180 100
 182 92.7 72.7 109.1
 145 24.0 18.2 27.2





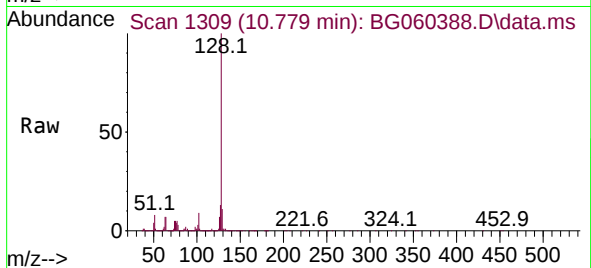
#31
Naphthalene
Concen: 46.467 ng
RT: 10.779 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

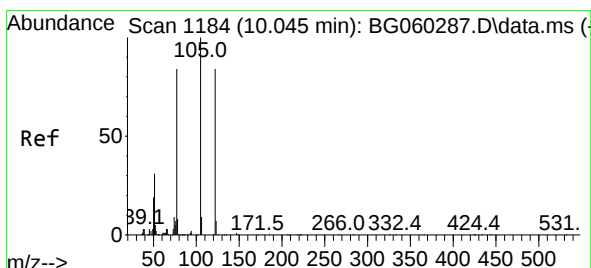
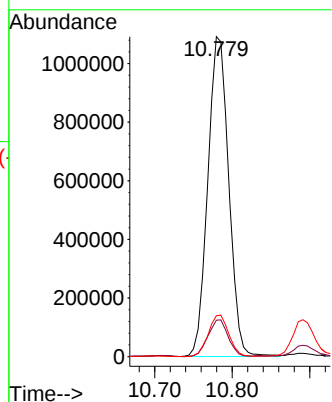
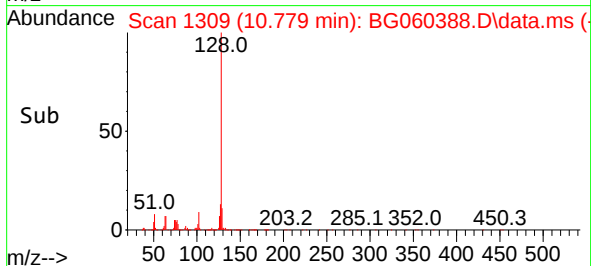


Tgt Ion:128 Resp: 2046129
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.8 10.9 16.3

Manual Integrations

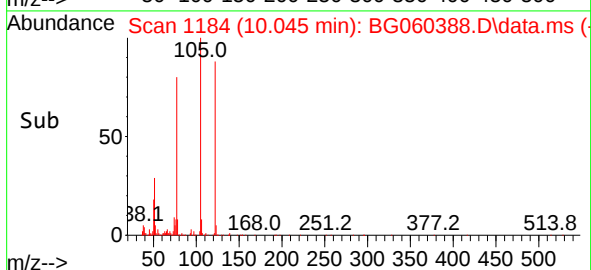
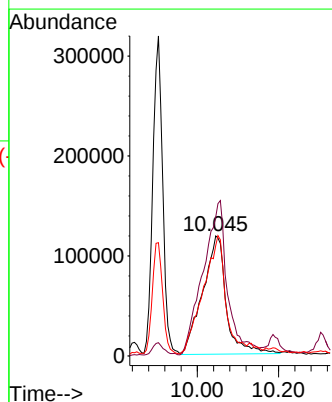
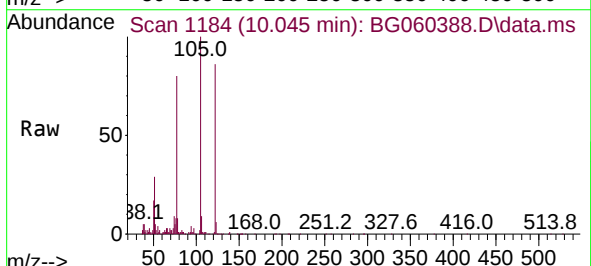
APPROVED

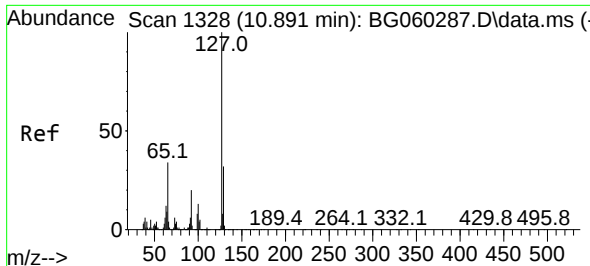
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#32
Benzoic acid
Concen: 57.843 ng
RT: 10.045 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:122 Resp: 478695
Ion Ratio Lower Upper
122 100
105 115.7 96.0 136.0
77 92.0 80.1 120.1





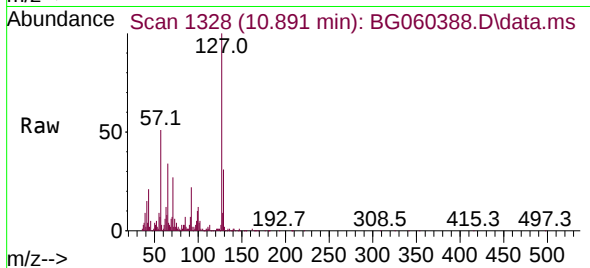
#33
4-Chloroaniline
Concen: 14.737 ng
RT: 10.891 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

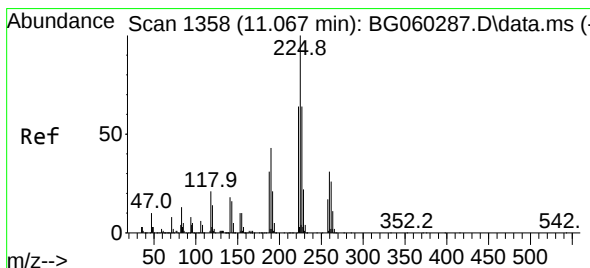
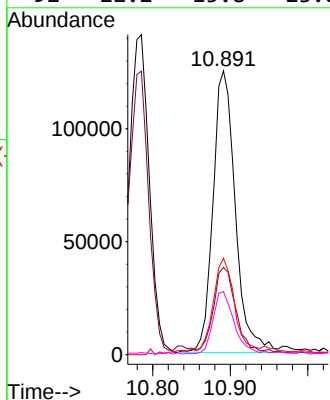
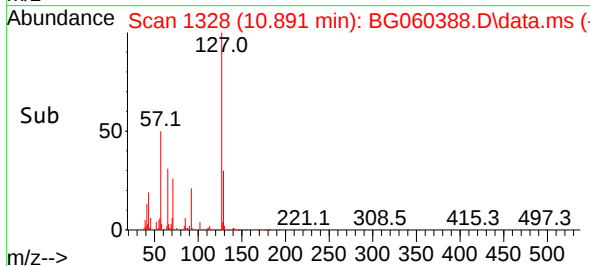


Tgt Ion:127 Resp: 250039
Ion Ratio Lower Upper
127 100
129 30.8 25.5 38.3
65 33.9 27.5 41.3
92 22.2 15.8 23.8

Manual Integrations

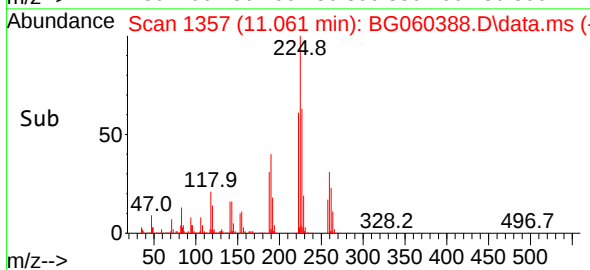
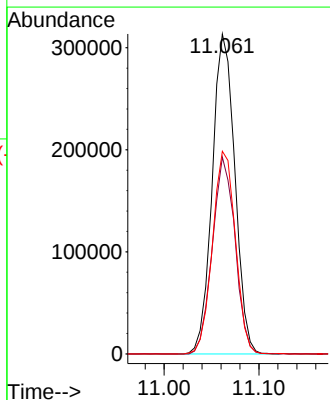
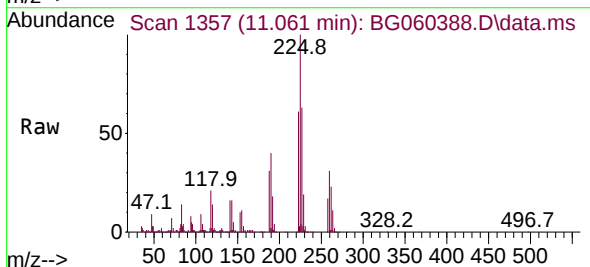
APPROVED

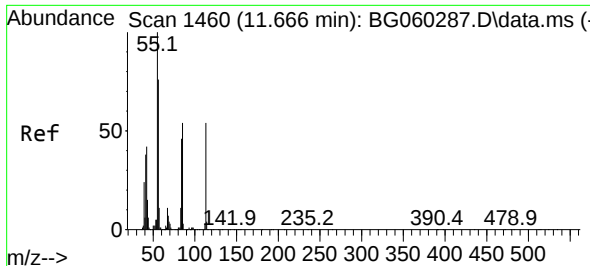
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#34
Hexachlorobutadiene
Concen: 44.105 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

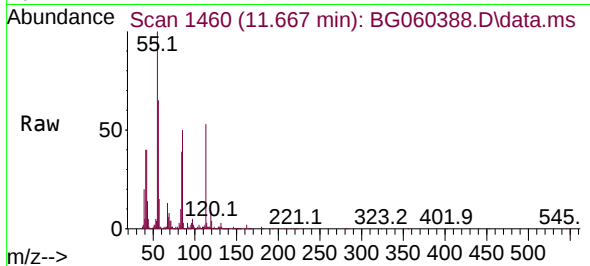
Tgt Ion:225 Resp: 518981
Ion Ratio Lower Upper
225 100
223 61.5 48.7 73.1
227 63.3 48.7 73.1





#35
Caprolactam
Concen: 57.108 ng m
RT: 11.667 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

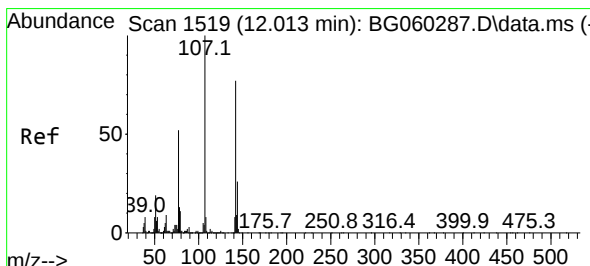
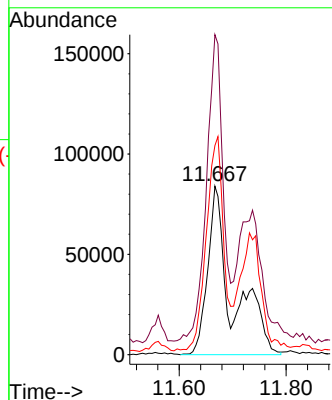
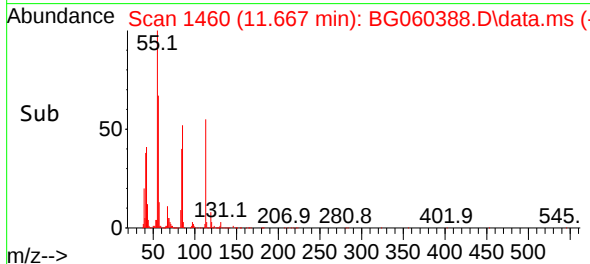
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



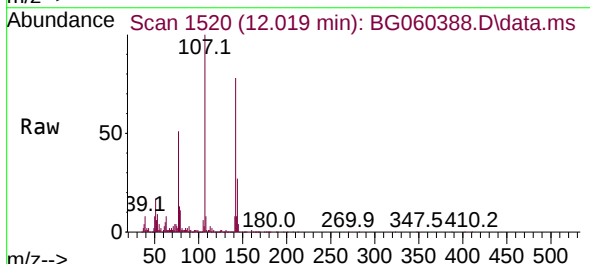
Tgt Ion:113 Resp: 267059
Ion Ratio Lower Upper
113 100
55 190.0 166.4 206.4
56 124.1 121.0 161.0

Manual Integrations
APPROVED

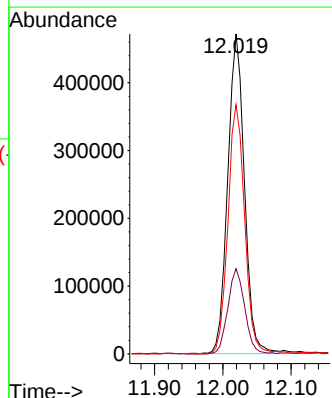
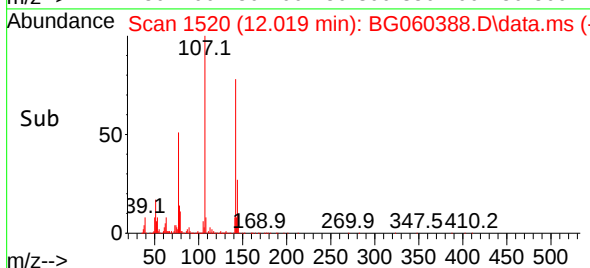
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

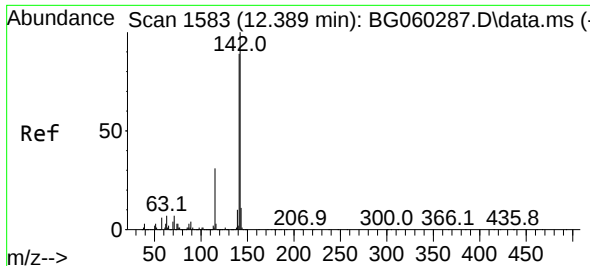


#36
4-Chloro-3-methylphenol
Concen: 54.271 ng
RT: 12.019 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:107 Resp: 800490
Ion Ratio Lower Upper
107 100
144 26.6 20.6 31.0
142 77.9 61.5 92.3





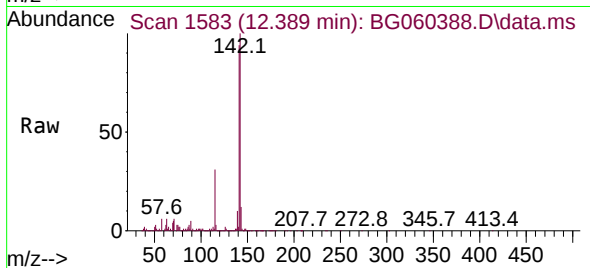
#37
2-Methylnaphthalene
Concen: 47.310 ng
RT: 12.389 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

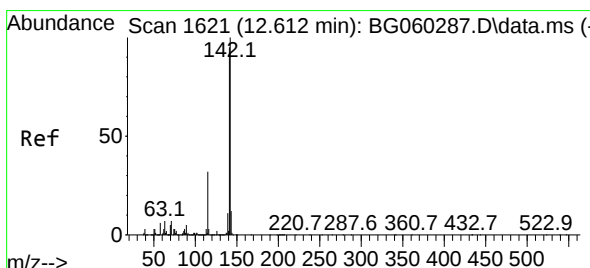
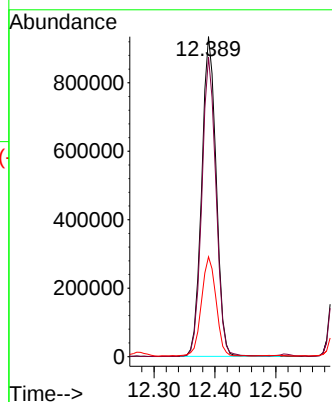
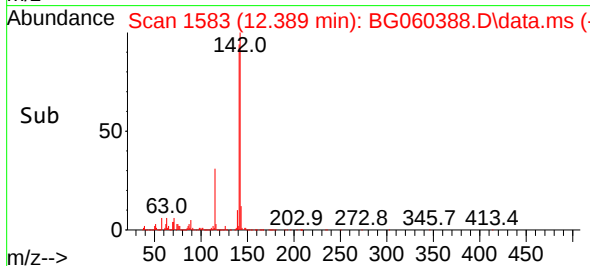


Tgt Ion:142 Resp: 1545066
Ion Ratio Lower Upper
142 100
141 93.6 71.0 106.4
115 31.2 24.7 37.1

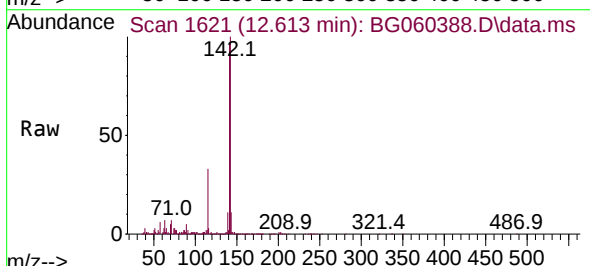
Manual Integrations

APPROVED

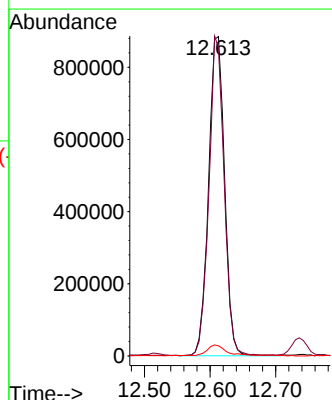
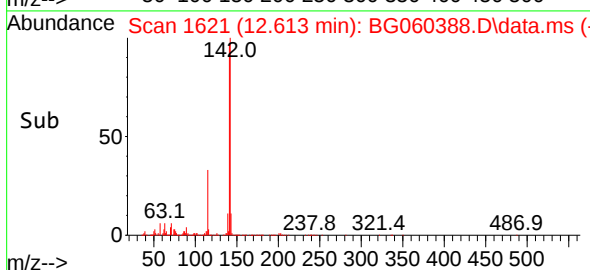
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

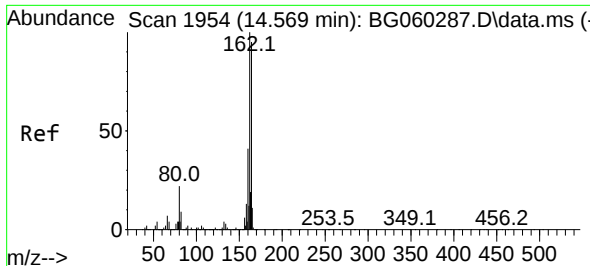


#38
1-Methylnaphthalene
Concen: 45.746 ng
RT: 12.613 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:142 Resp: 1500195
Ion Ratio Lower Upper
142 100
141 96.5 76.2 114.2
116 3.1 2.6 3.8





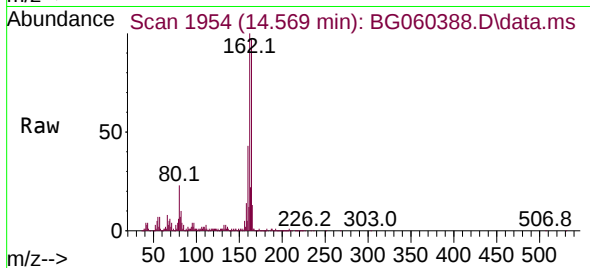
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

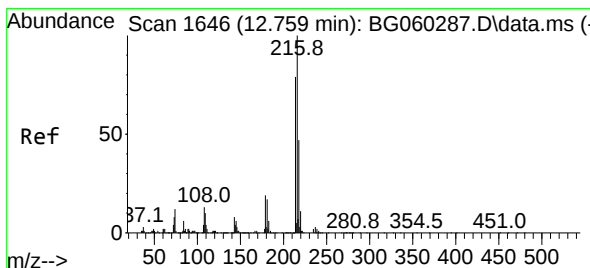
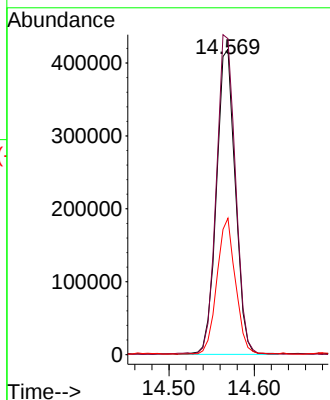
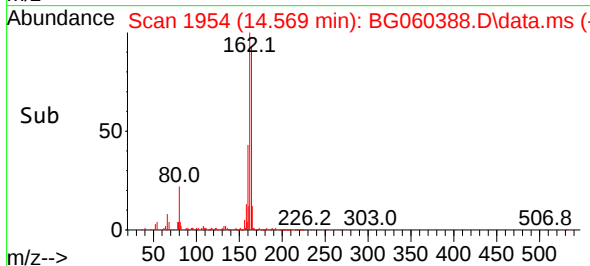


Tgt Ion:164 Resp: 643587
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 44.6 34.6 52.0

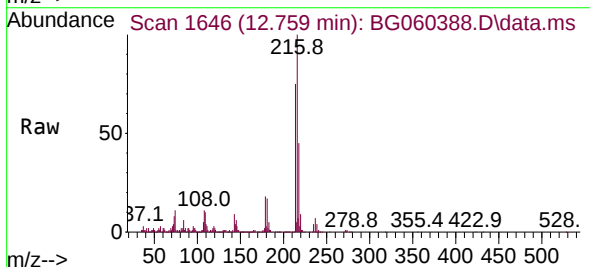
Manual Integrations

APPROVED

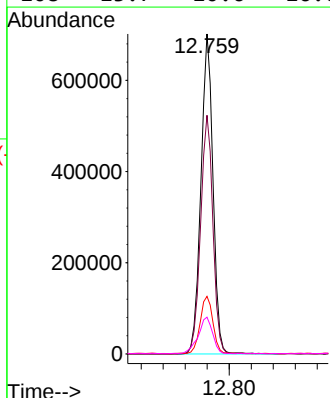
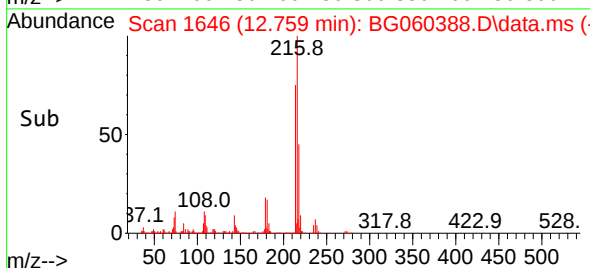
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

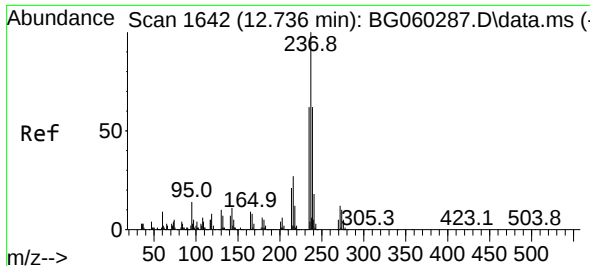


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.495 ng
RT: 12.759 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



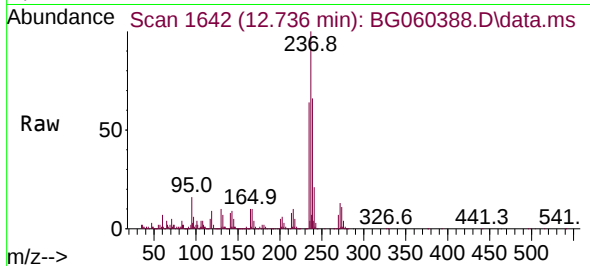
Tgt Ion:216 Resp: 1062742
Ion Ratio Lower Upper
216 100
214 76.5 62.6 93.8
179 19.0 14.8 22.2
108 13.7 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 123.156 ng
RT: 12.736 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

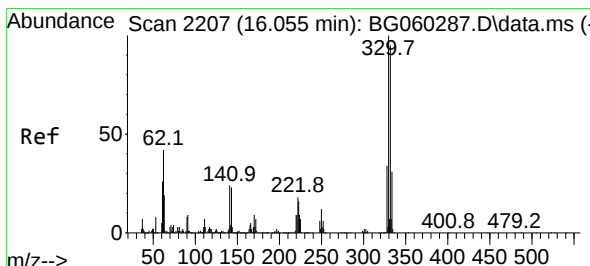
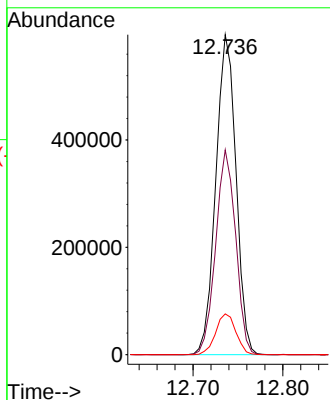
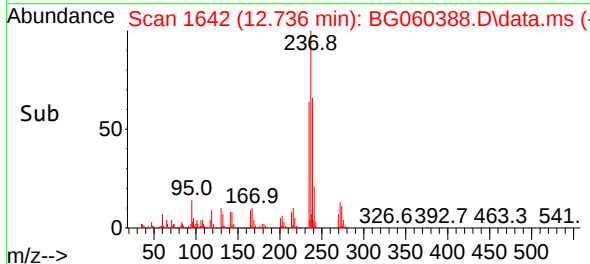
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:237 Resp: 934596
Ion Ratio Lower Upper
237 100
235 64.0 41.6 81.6
272 12.7 0.0 31.8

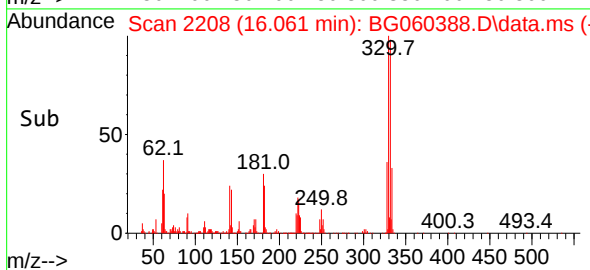
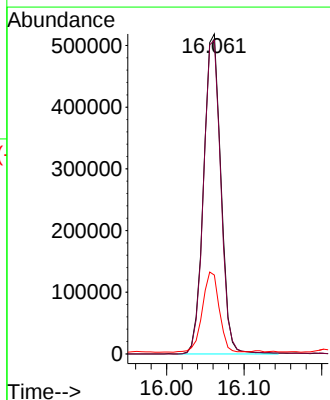
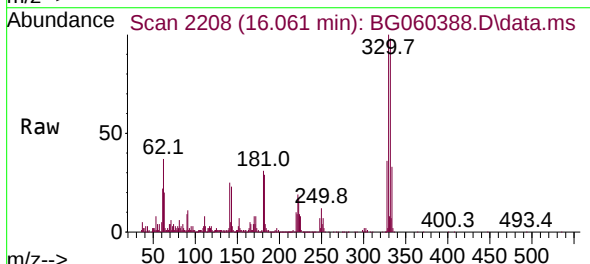
Manual Integrations
APPROVED

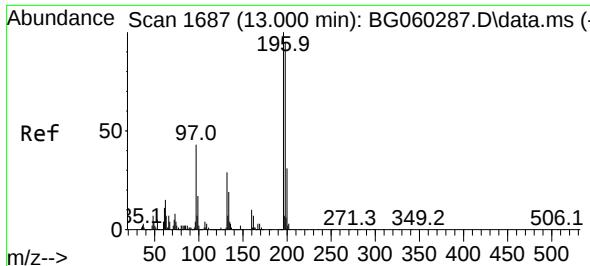
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#42
2,4,6-Tribromophenol
Concen: 84.617 ng
RT: 16.061 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:330 Resp: 801239
Ion Ratio Lower Upper
330 100
332 98.2 76.7 115.1
141 24.6 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 50.371 ng
RT: 13.000 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

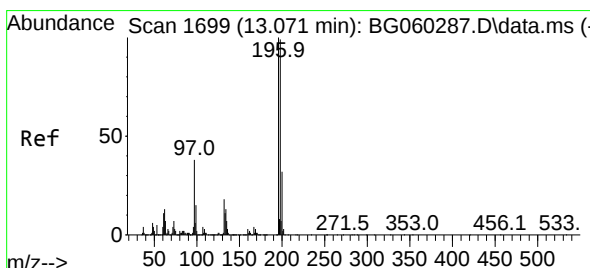
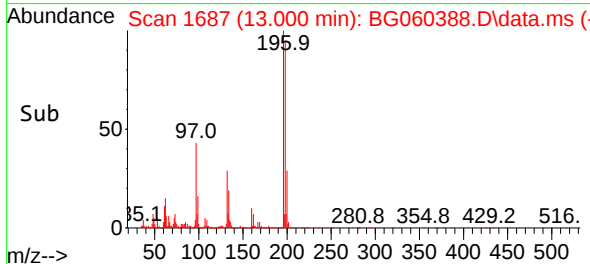
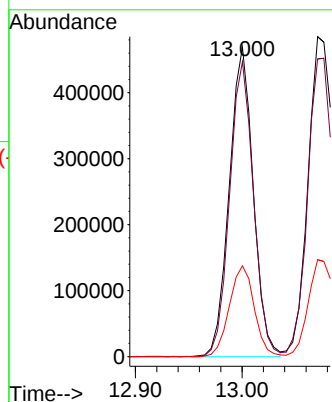
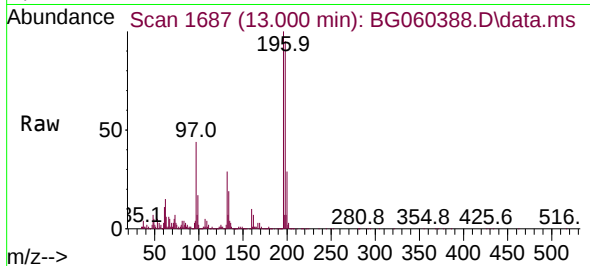
72-11977MSD

Tgt Ion:196 Resp: 732705
Ion Ratio Lower Upper
196 100
198 95.4 75.7 113.5
200 29.3 24.7 37.1

Manual Integrations

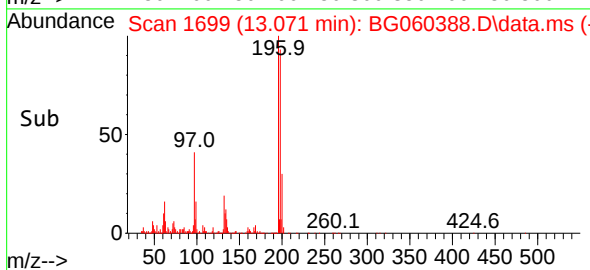
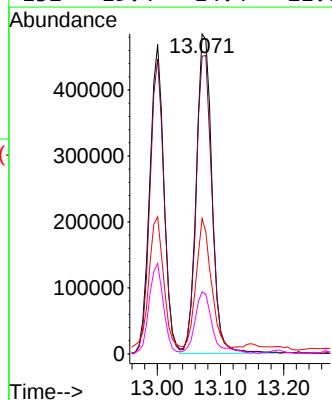
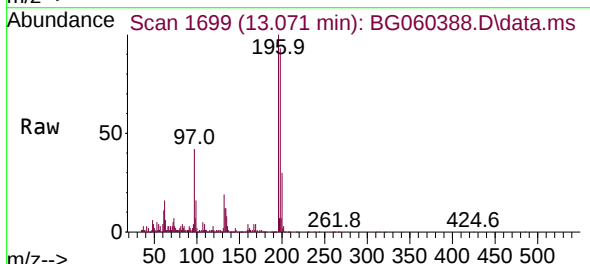
APPROVED

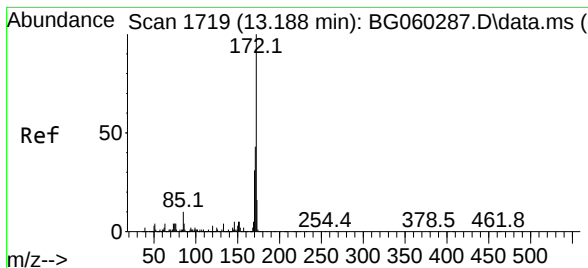
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#44
2,4,5-Trichlorophenol
Concen: 51.935 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:196 Resp: 833259
Ion Ratio Lower Upper
196 100
198 93.0 78.6 118.0
97 42.3 30.6 46.0
132 19.4 14.4 21.6





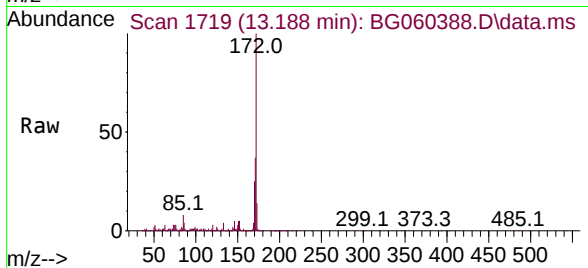
#45
2-Fluorobiphenyl
Concen: 48.865 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

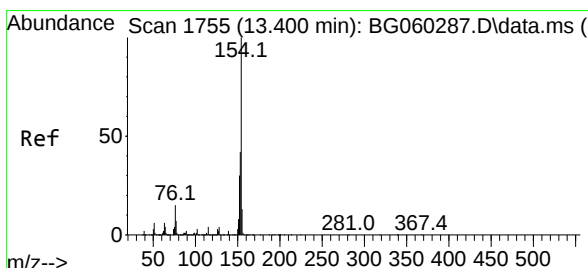
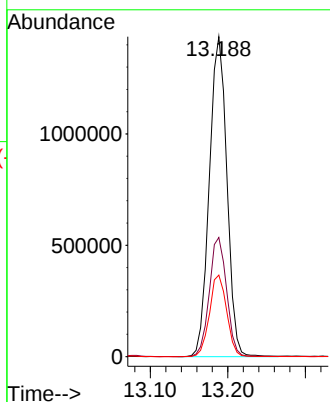
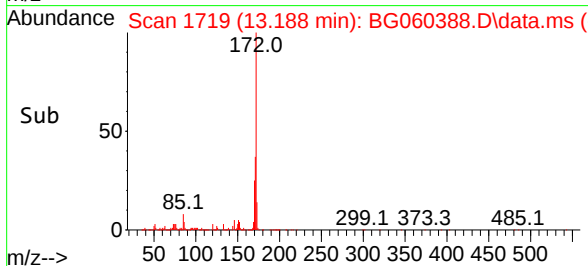


Tgt Ion:172 Resp: 2262004
Ion Ratio Lower Upper
172 100
171 37.2 34.6 51.8
170 25.5 24.4 36.6

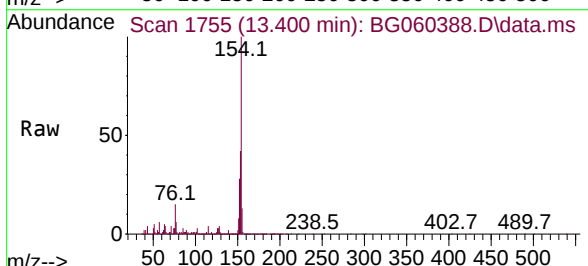
Manual Integrations

APPROVED

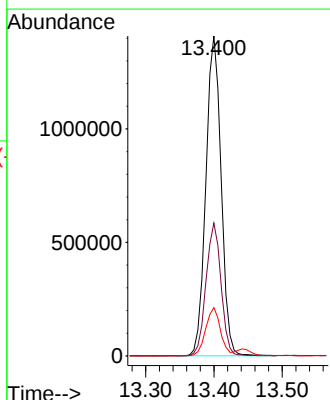
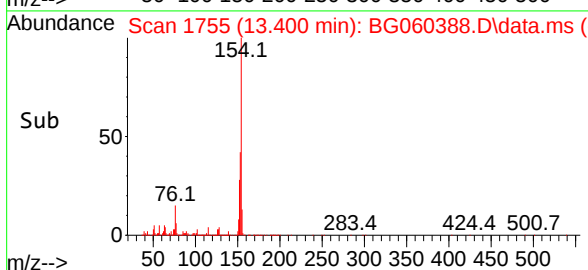
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

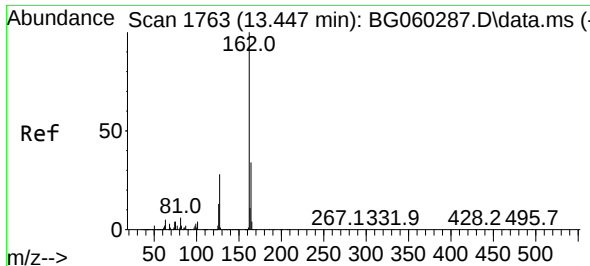


#46
1,1'-Biphenyl
Concen: 45.097 ng
RT: 13.400 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:154 Resp: 2190803
Ion Ratio Lower Upper
154 100
153 41.5 22.0 62.0
76 15.1 0.0 35.2





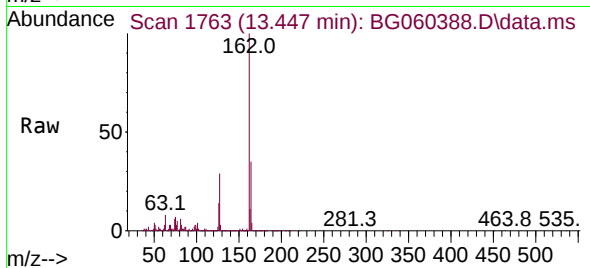
#47
2-Chloronaphthalene
Concen: 44.286 ng
RT: 13.447 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

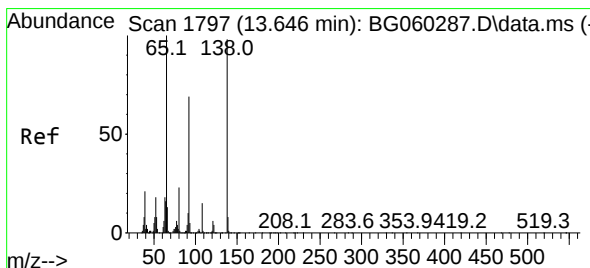
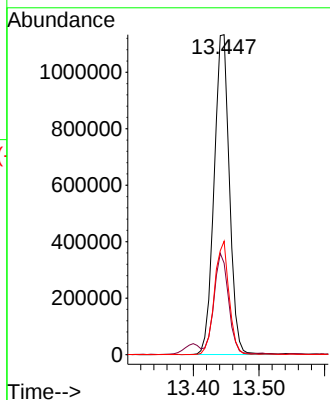
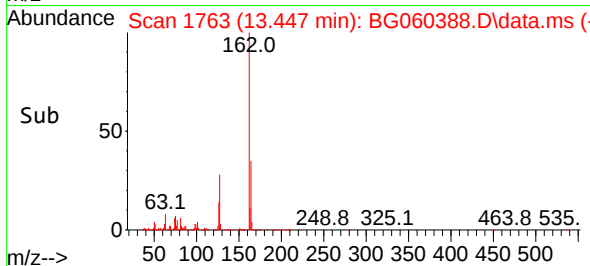


Tgt Ion:162 Resp: 1843090
Ion Ratio Lower Upper
162 100
127 28.6 23.5 35.3
164 35.4 26.9 40.3

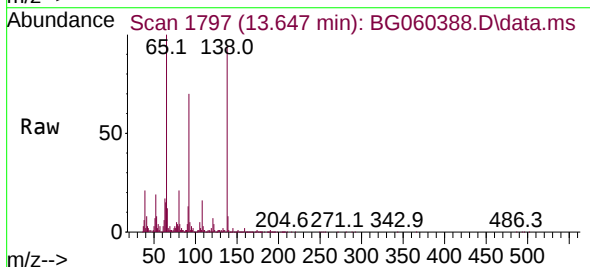
Manual Integrations

APPROVED

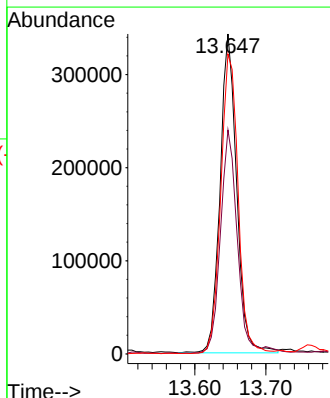
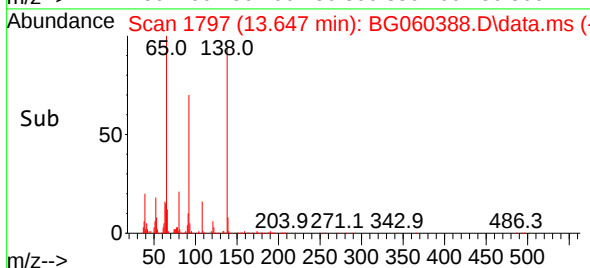
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

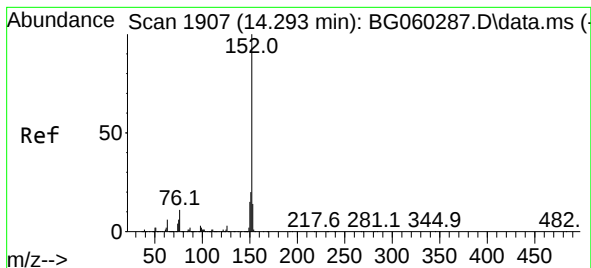


#48
2-Nitroaniline
Concen: 53.630 ng
RT: 13.647 min Scan# 1797
Delta R.T. 0.001 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion: 65 Resp: 555853
Ion Ratio Lower Upper
65 100
92 70.0 55.0 82.6
138 93.7 78.1 117.1





#49

Acenaphthylene

Concen: 51.287 ng

RT: 14.293 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BG060388.D

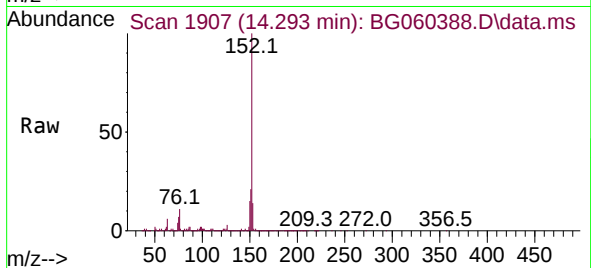
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD



Tgt Ion:152 Resp: 2939308

Ion Ratio Lower Upper

152 100

151 21.0 16.1 24.1

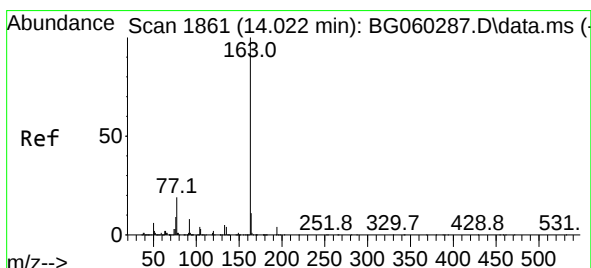
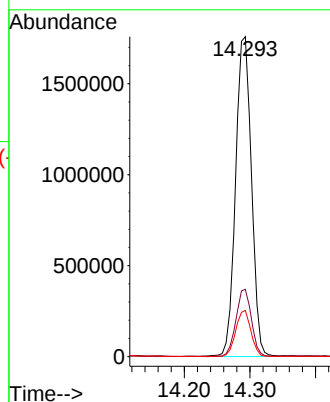
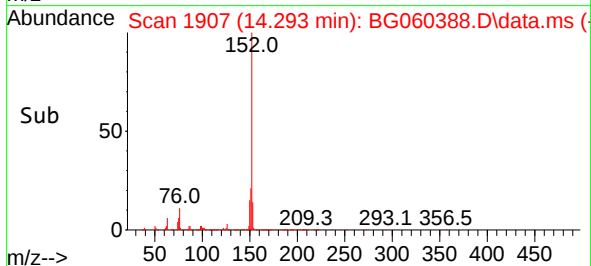
153 14.4 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#50

Dimethylphthalate

Concen: 45.289 ng

RT: 14.023 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

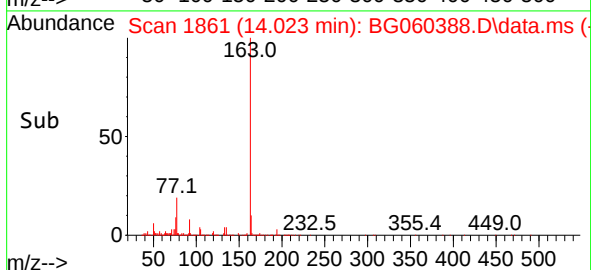
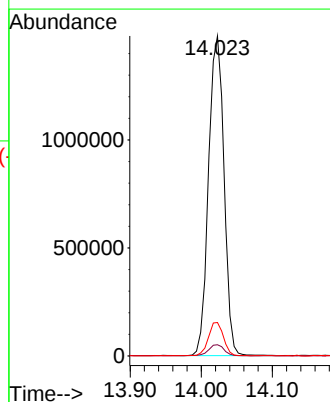
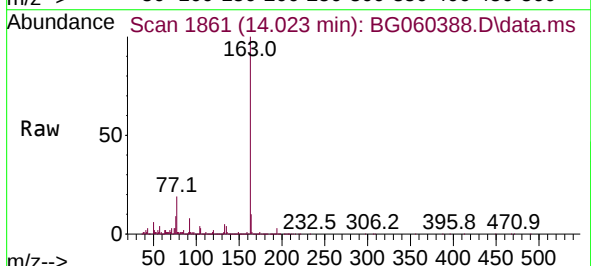
Tgt Ion:163 Resp: 2227404

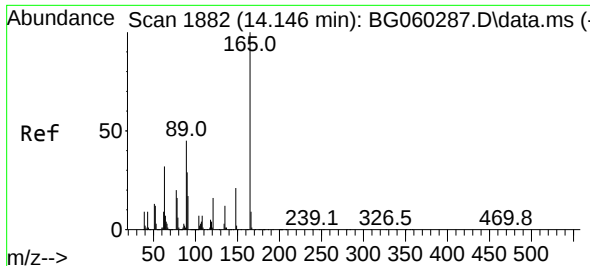
Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 49.299 ng
RT: 14.140 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

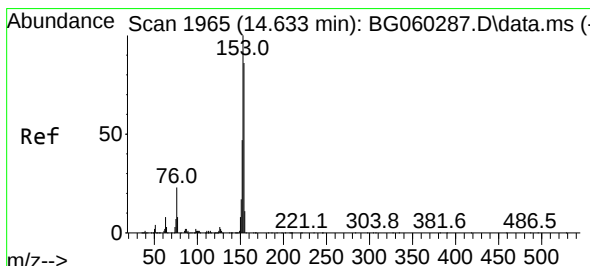
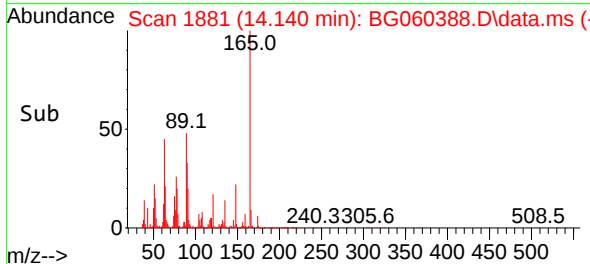
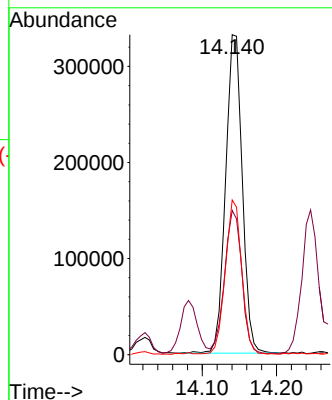
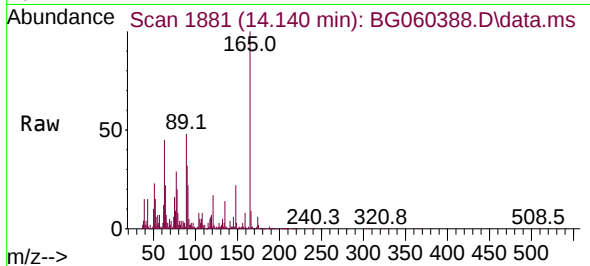
72-11977MSD

Tgt Ion:165 Resp: 517362
Ion Ratio Lower Upper
165 100
63 45.1 35.0 52.4
89 48.3 36.2 54.2

Manual Integrations

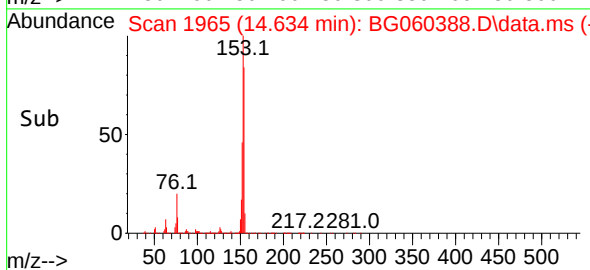
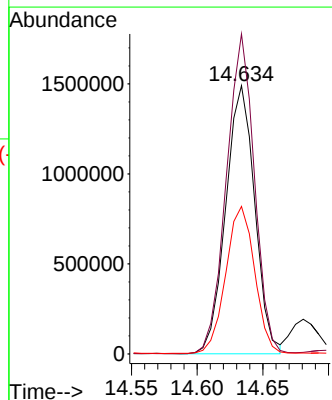
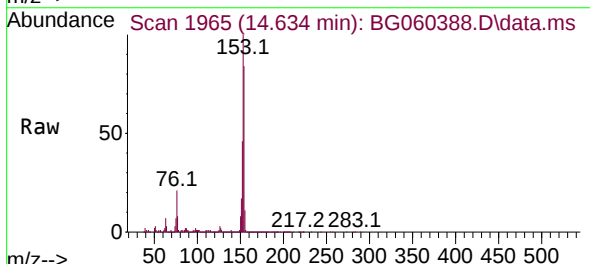
APPROVED

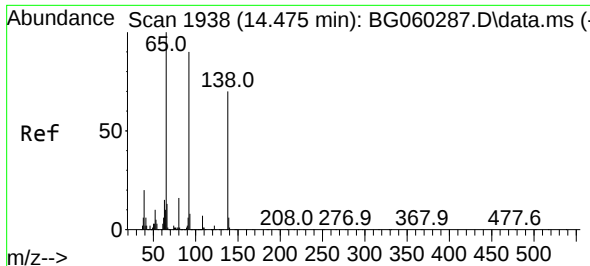
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#52
Acenaphthene
Concen: 64.169 ng
RT: 14.634 min Scan# 1965
Delta R.T. 0.001 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

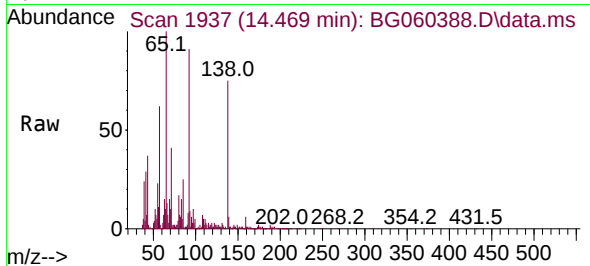
Tgt Ion:154 Resp: 2289977
Ion Ratio Lower Upper
154 100
153 119.3 92.6 138.8
152 55.0 43.8 65.8





#53
3-Nitroaniline
Concen: 25.672 ng
RT: 14.469 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

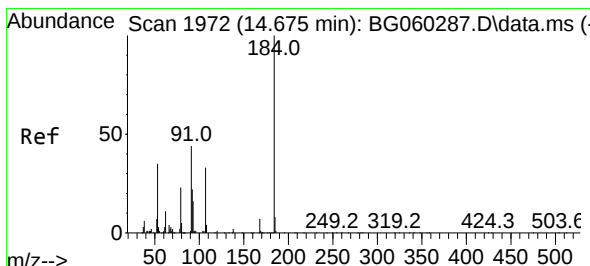
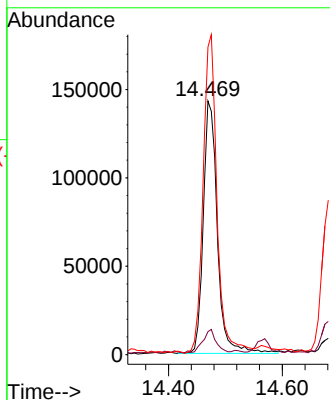
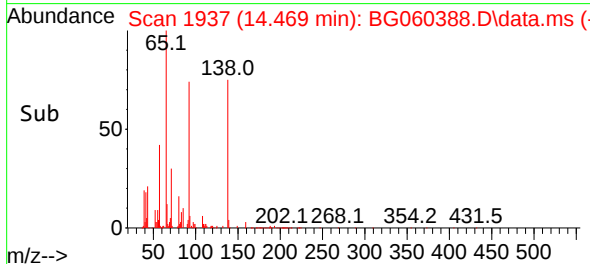
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



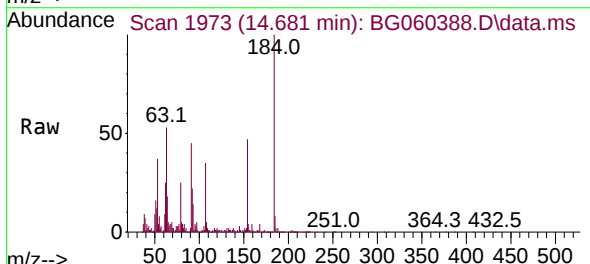
Tgt Ion:138 Resp: 245492
Ion Ratio Lower Upper
138 100
108 9.0 7.8 11.8
92 121.3 102.4 153.6

Manual Integrations
APPROVED

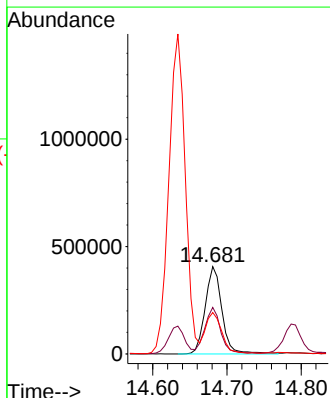
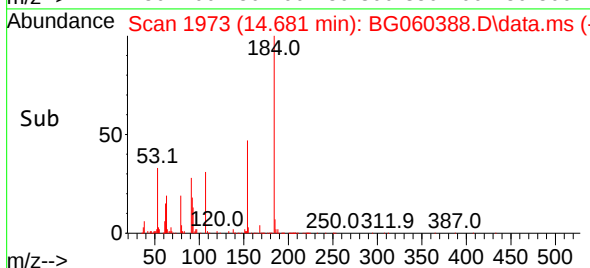
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

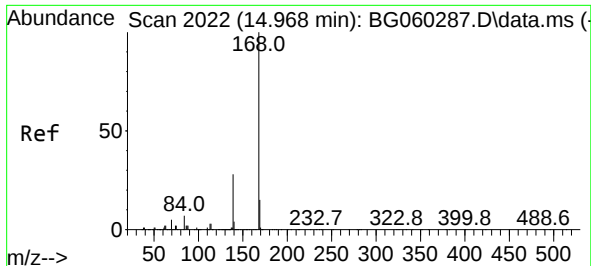


#54
2,4-Dinitrophenol
Concen: 97.776 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:184 Resp: 635739
Ion Ratio Lower Upper
184 100
63 53.3 41.0 61.4
154 47.4 39.2 58.8





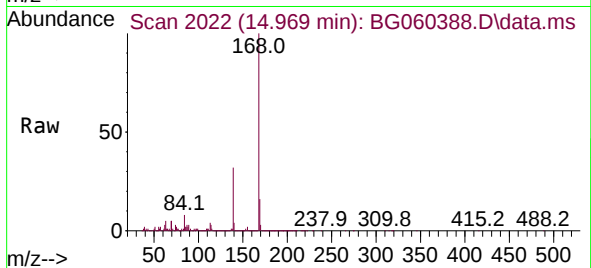
#55
Dibenzenofuran
Concen: 54.422 ng
RT: 14.969 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

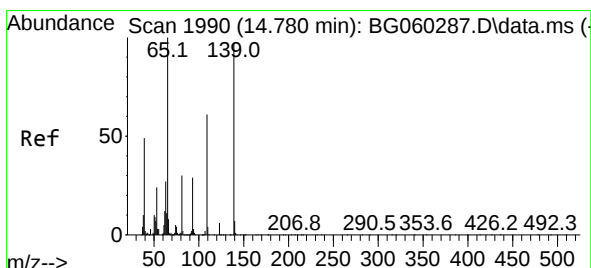
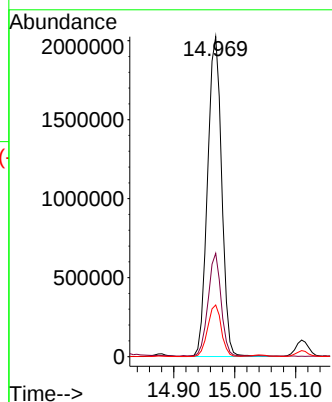
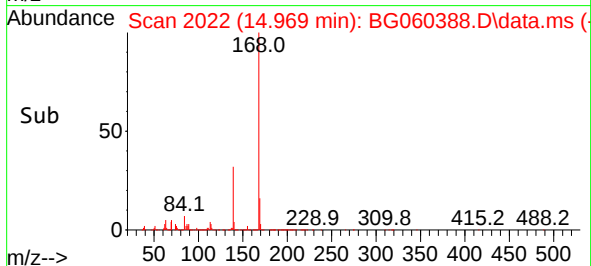


Tgt Ion:168 Resp: 3242062
Ion Ratio Lower Upper
168 100
139 32.3 22.6 34.0
169 16.1 12.1 18.1

Manual Integrations

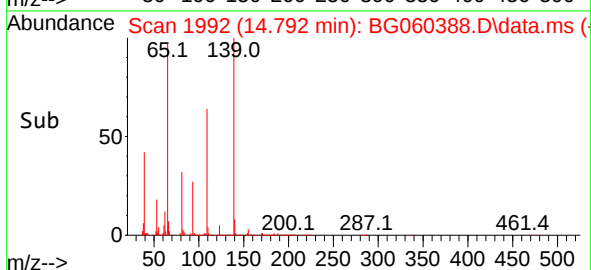
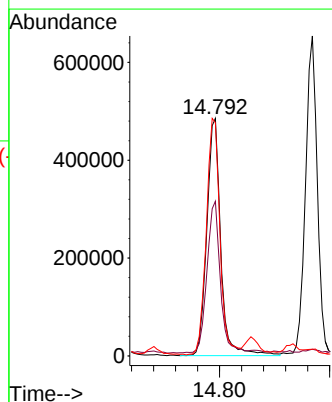
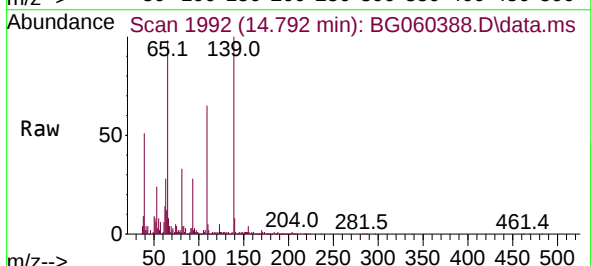
APPROVED

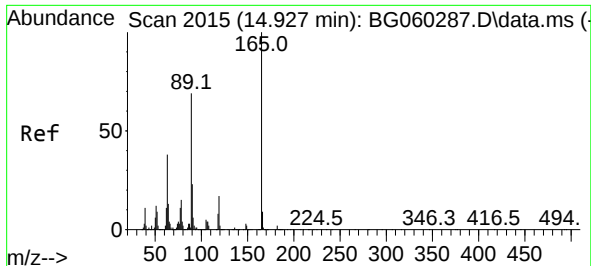
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#56
4-Nitrophenol
Concen: 120.238 ng
RT: 14.792 min Scan# 1992
Delta R.T. 0.012 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:139 Resp: 852829
Ion Ratio Lower Upper
139 100
109 65.1 42.2 82.2
65 98.2 83.3 123.3





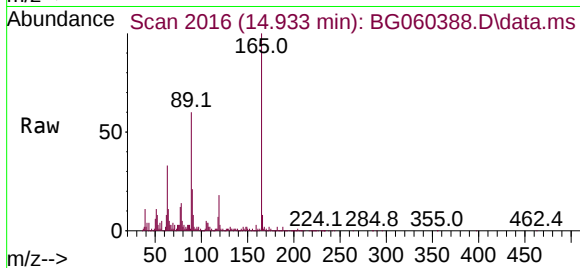
#57
2,4-Dinitrotoluene
Concen: 51.114 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

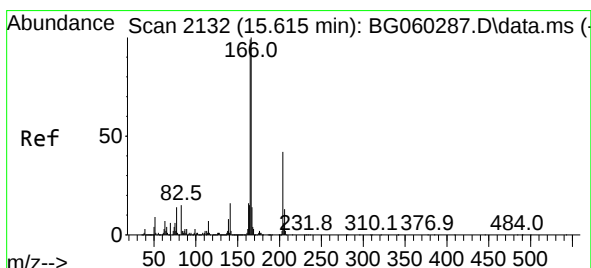
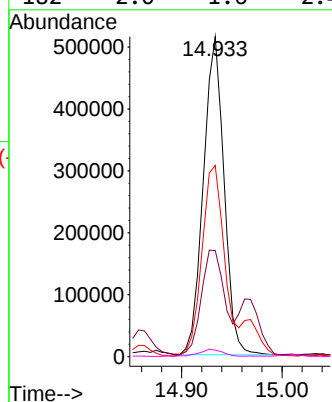
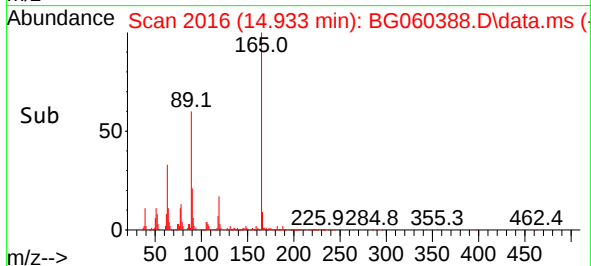


Tgt Ion:165 Resp: 735576
Ion Ratio Lower Upper
165 100
63 33.1 30.4 45.6
89 59.7 55.4 83.0
182 2.0 1.6 2.4

Manual Integrations

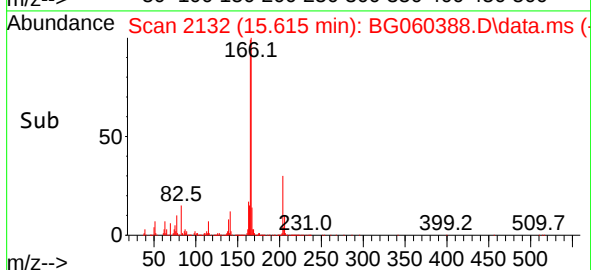
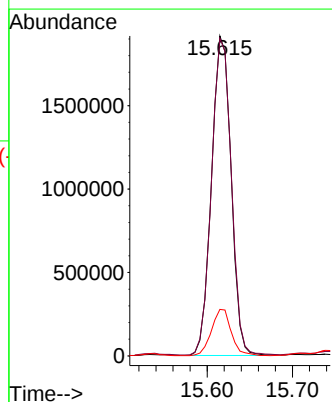
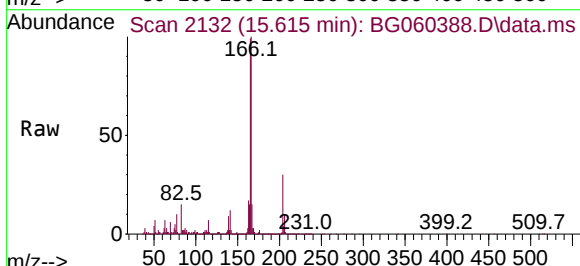
APPROVED

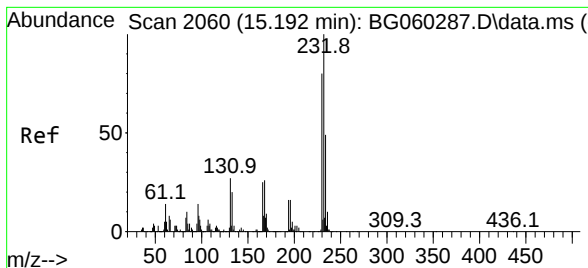
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#58
Fluorene
Concen: 61.952 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:166 Resp: 3056301
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.6
167 14.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.320 ng
RT: 15.192 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

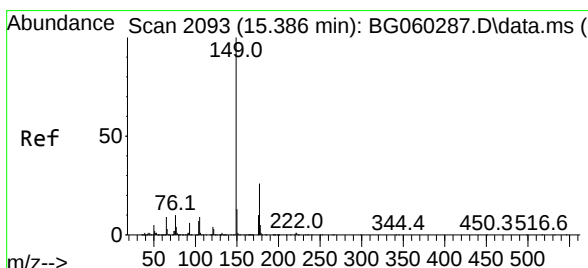
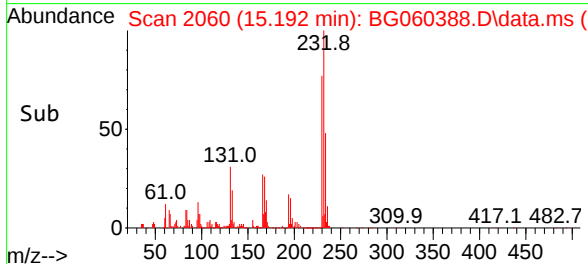
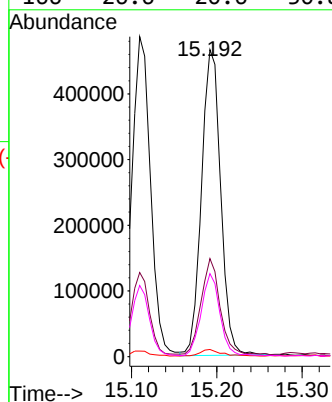
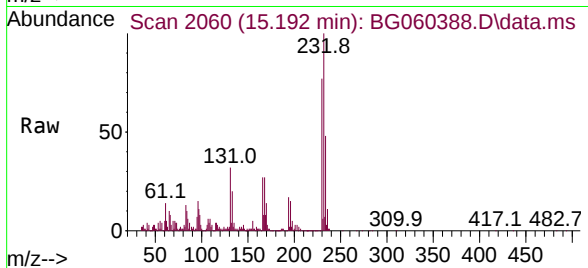
72-11977MSD

Tgt Ion:232 Resp: 726442
Ion Ratio Lower Upper
232 100
131 31.3 22.7 34.1
130 2.4 1.1 1.7
166 26.6 20.6 30.8

Manual Integrations

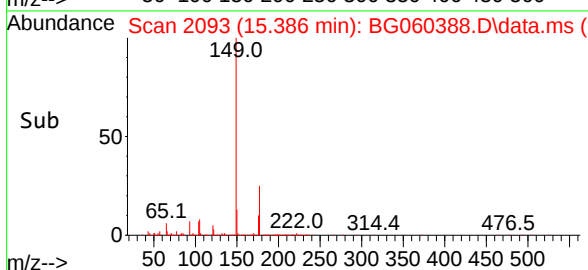
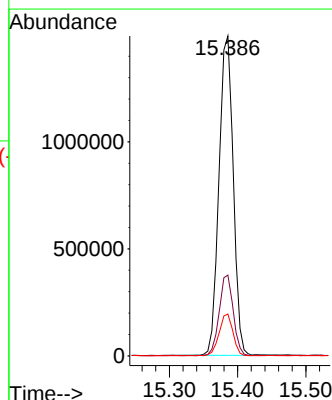
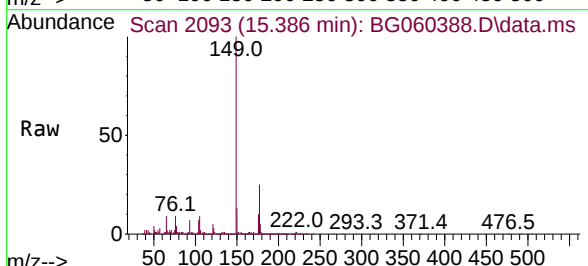
APPROVED

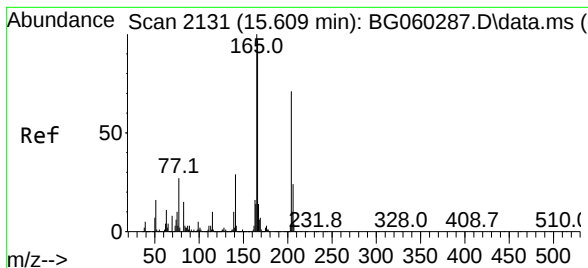
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#60
Diethylphthalate
Concen: 45.691 ng
RT: 15.386 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

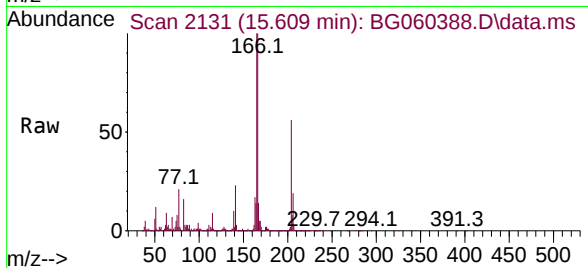
Tgt Ion:149 Resp: 2157352
Ion Ratio Lower Upper
149 100
177 25.2 20.9 31.3
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.246 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

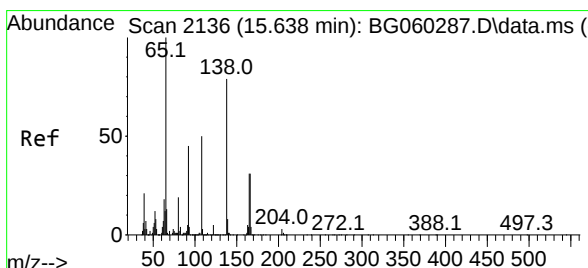
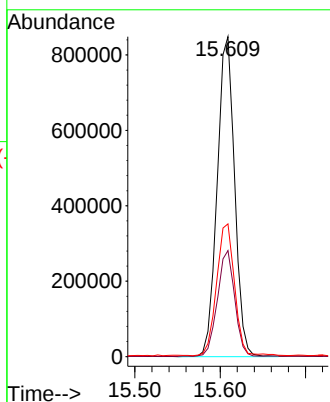
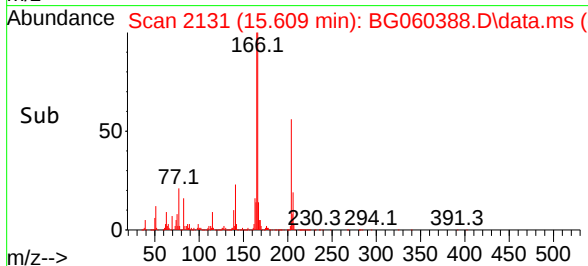
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:204 Resp: 1202443
Ion Ratio Lower Upper
204 100
206 33.1 27.1 40.7
141 41.5 32.2 48.2

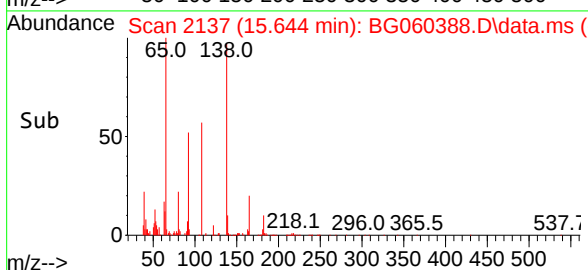
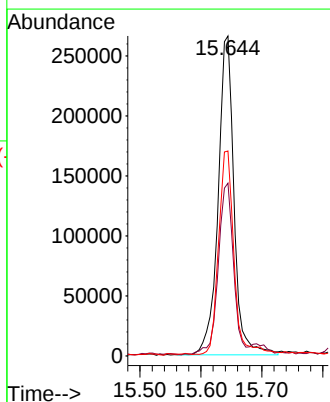
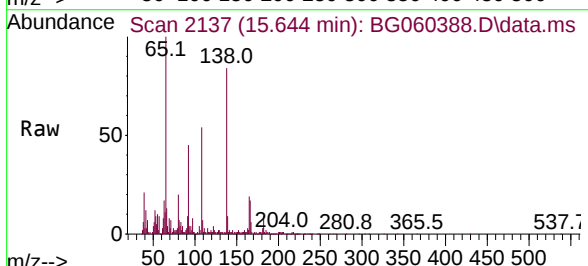
Manual Integrations
APPROVED

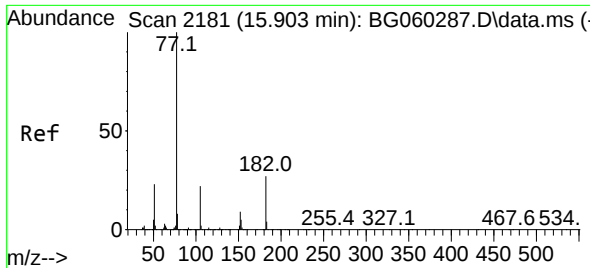
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#62
4-Nitroaniline
Concen: 47.529 ng
RT: 15.644 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

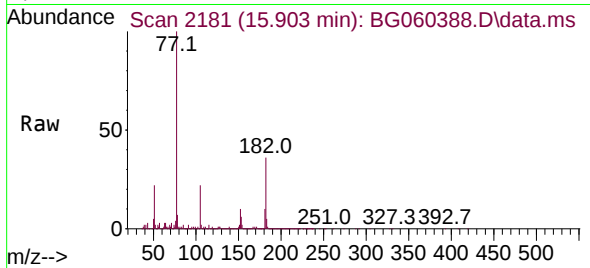
Tgt Ion:138 Resp: 483730
Ion Ratio Lower Upper
138 100
92 54.0 37.0 77.0
108 64.0 43.1 83.1





#63
Azobenzene
Concen: 46.531 ng
RT: 15.903 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

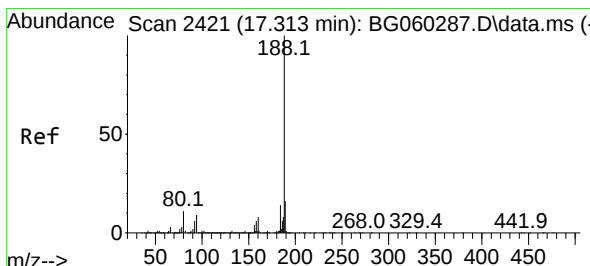
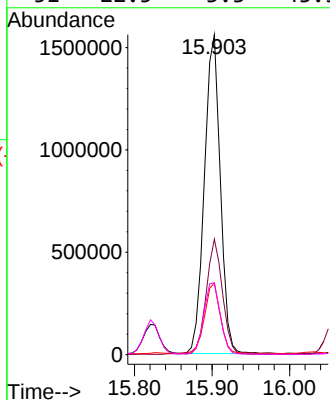
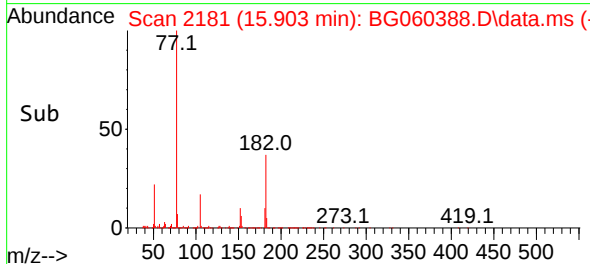
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



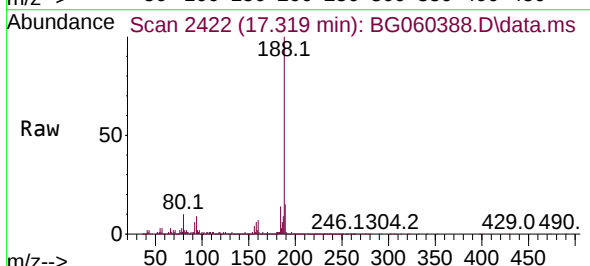
Tgt Ion: 77 Resp: 2222158
Ion Ratio Lower Upper
77 100
182 36.1 6.5 46.5
105 22.4 1.8 41.8
51 22.5 3.3 43.3

Manual Integrations
APPROVED

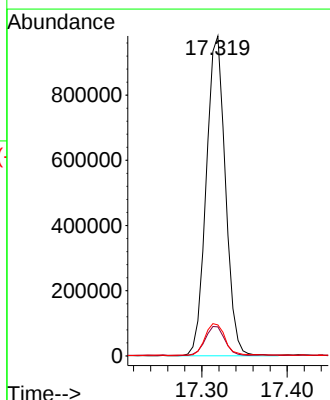
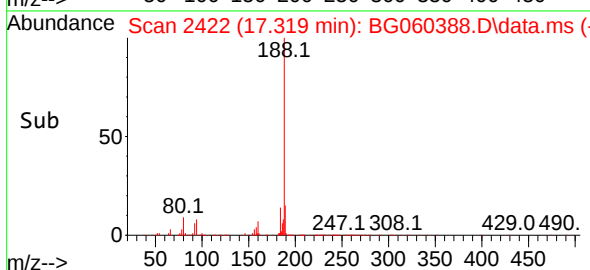
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

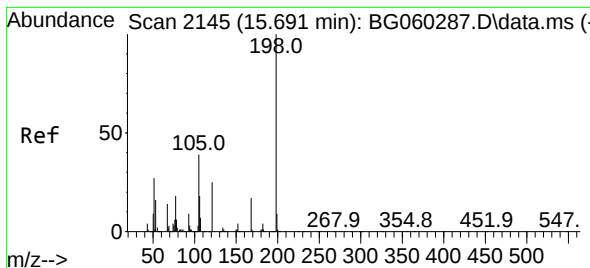


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



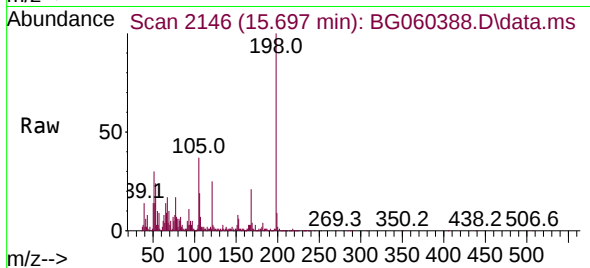
Tgt Ion:188 Resp: 1531270
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.7 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 52.509 ng
RT: 15.697 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

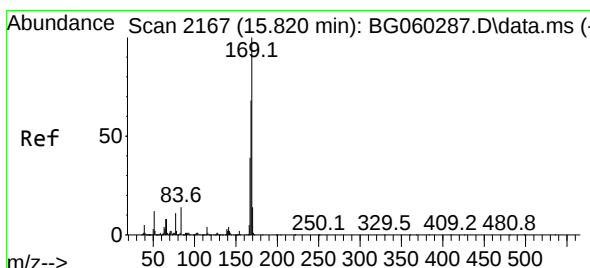
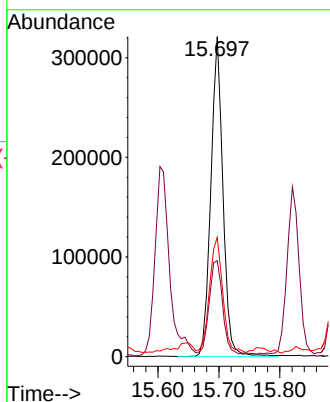
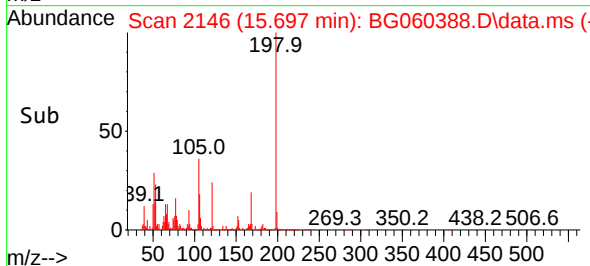
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:198 Resp: 444818
Ion Ratio Lower Upper
198 100
51 30.0 11.8 51.8
105 37.2 20.3 60.3

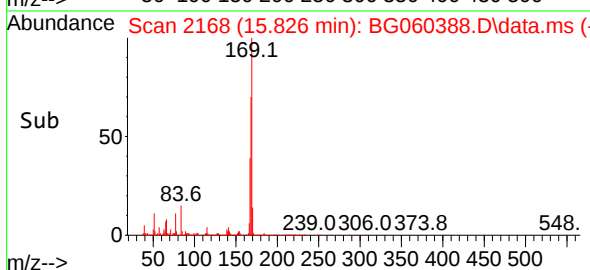
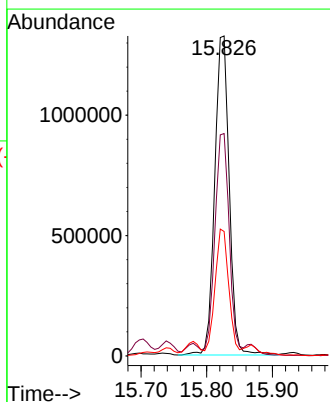
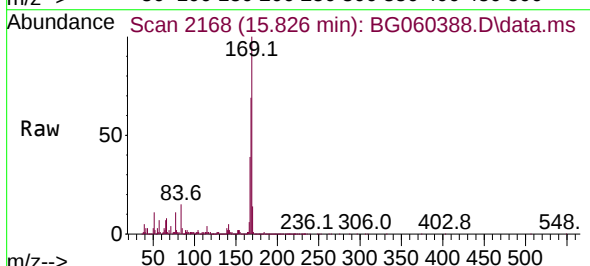
Manual Integrations
APPROVED

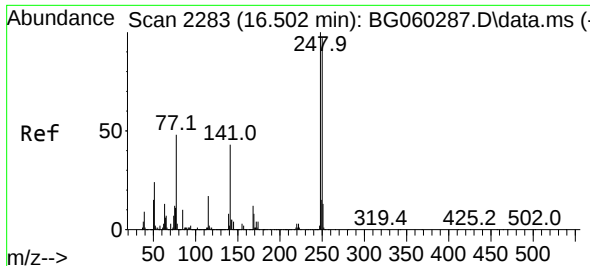
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#66
n-Nitrosodiphenylamine
Concen: 50.416 ng
RT: 15.826 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:169 Resp: 2049864
Ion Ratio Lower Upper
169 100
168 69.5 54.4 81.6
167 38.9 31.2 46.8





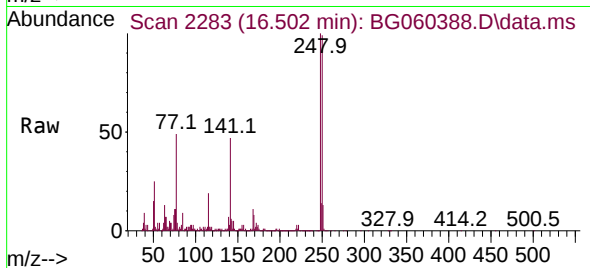
#67
4-Bromophenyl-phenylether
Concen: 46.708 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

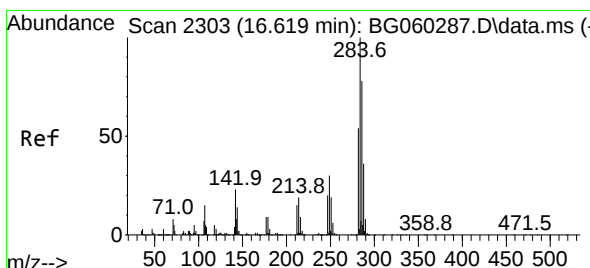
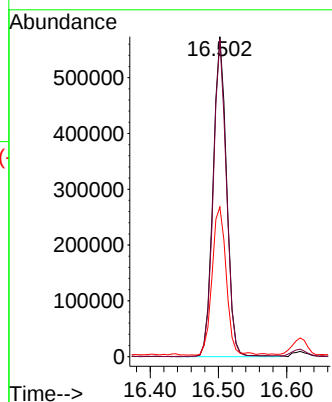
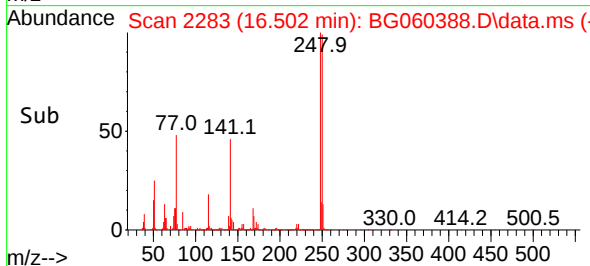


Tgt Ion:248 Resp: 785897
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 46.7 34.2 51.4

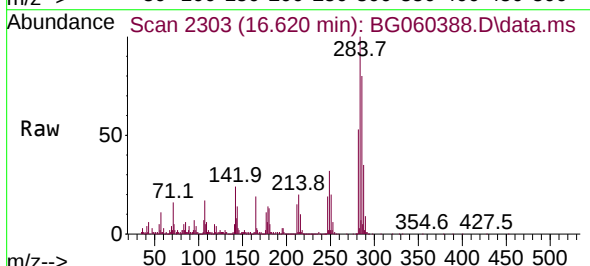
Manual Integrations

APPROVED

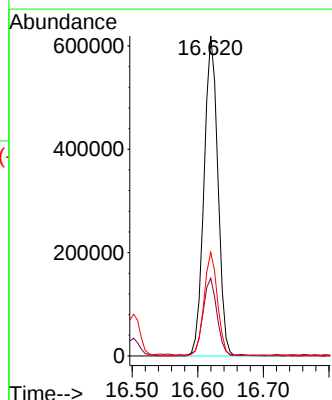
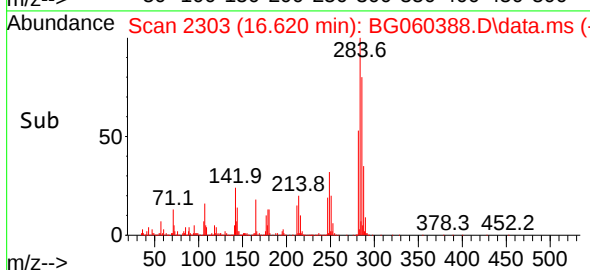
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

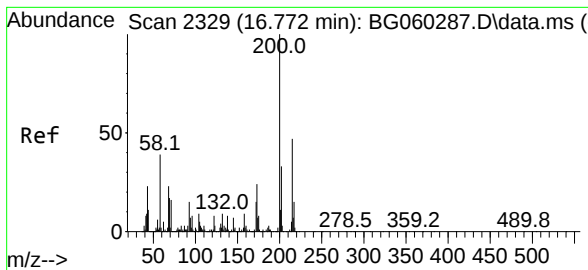


#68
Hexachlorobenzene
Concen: 45.369 ng
RT: 16.620 min Scan# 2303
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:284 Resp: 903599
Ion Ratio Lower Upper
284 100
142 24.3 18.2 27.4
249 32.4 24.3 36.5





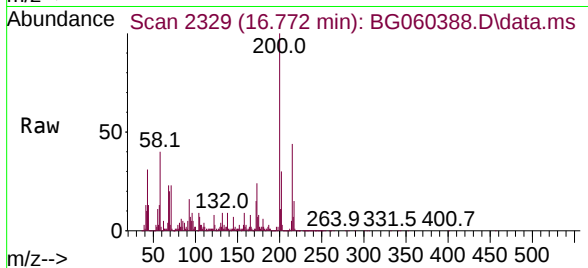
#69
 Atrazine
 Concen: 52.187 ng
 RT: 16.772 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

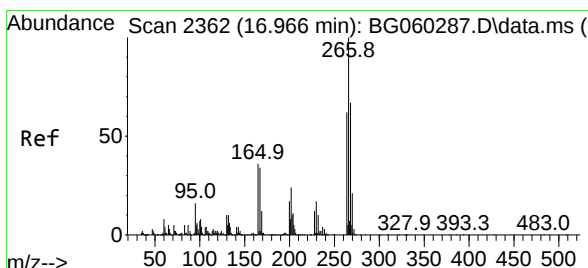
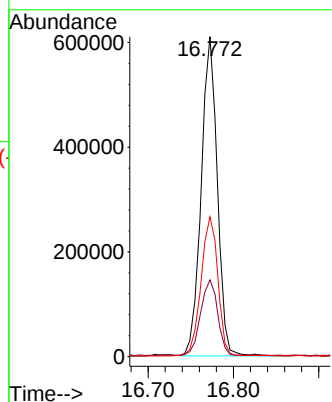
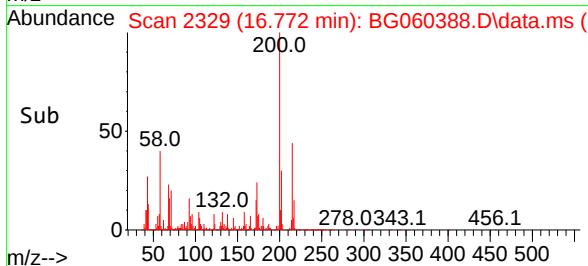


Tgt Ion:200 Resp: 800096
 Ion Ratio Lower Upper
 200 100
 173 24.0 4.1 44.1
 215 43.7 27.4 67.4

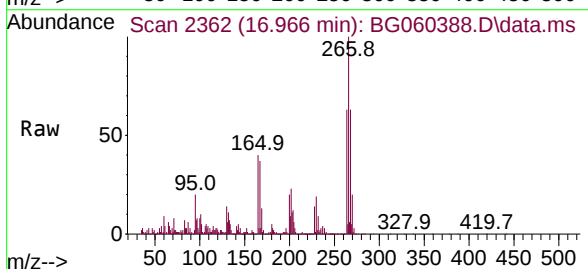
Manual Integrations

APPROVED

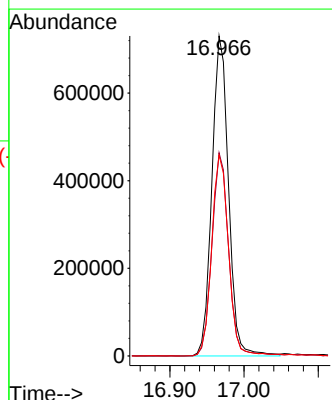
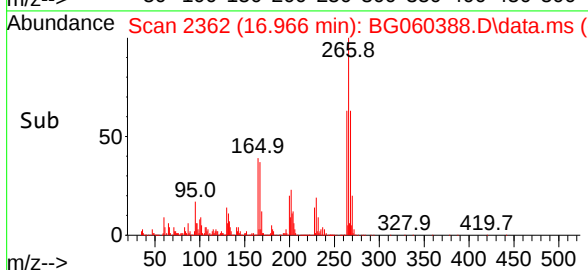
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

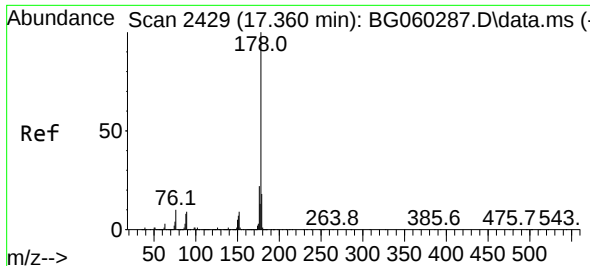


#70
 Pentachlorophenol
 Concen: 105.718 ng
 RT: 16.966 min Scan# 2362
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06



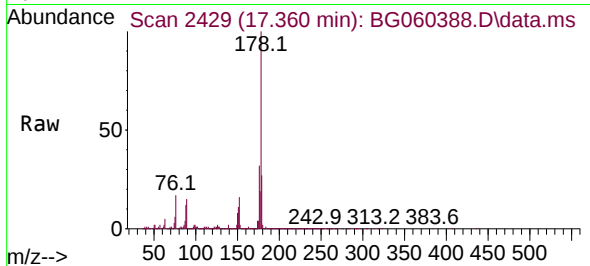
Tgt Ion:266 Resp: 1134931
 Ion Ratio Lower Upper
 266 100
 268 63.5 57.4 86.2
 264 62.8 49.8 74.8





#71
Phenanthrene
Concen: 85.913 ng m
RT: 17.360 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

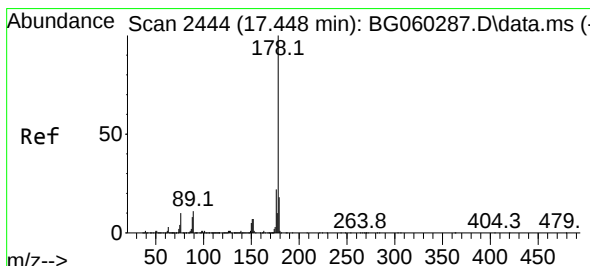
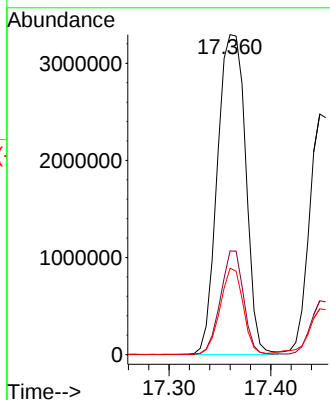
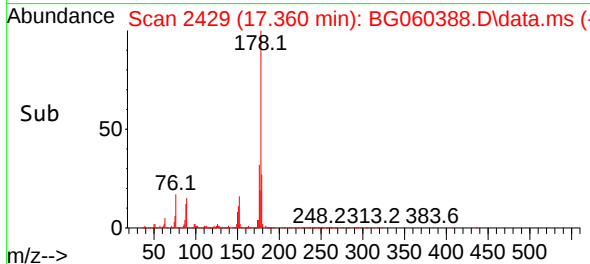
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



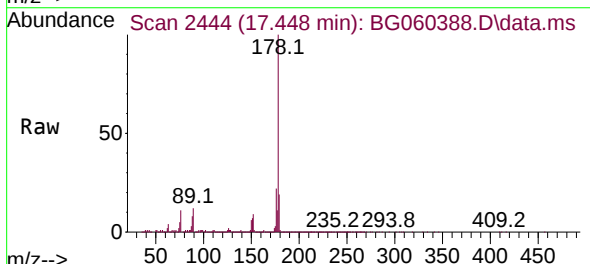
Tgt Ion:178 Resp: 6358814
Ion Ratio Lower Upper
178 100
176 32.4 17.4 26.2
179 27.0 14.7 22.1

Manual Integrations
APPROVED

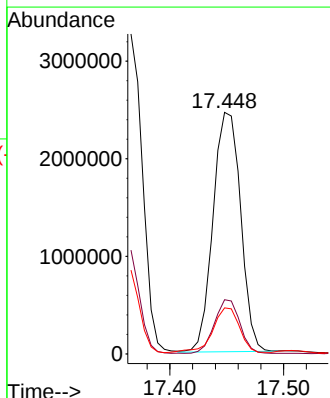
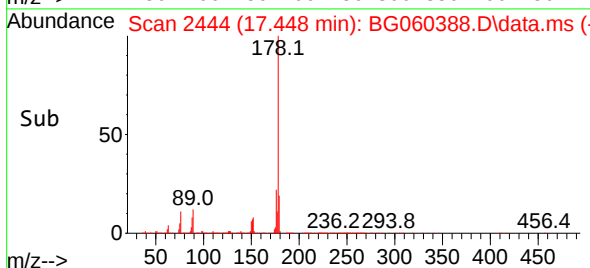
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

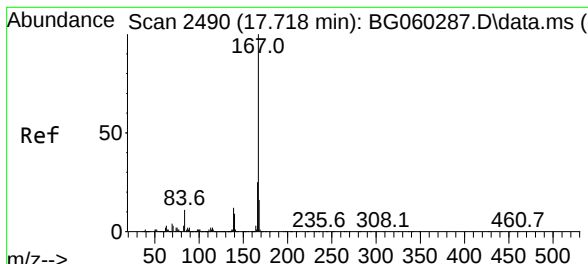


#72
Anthracene
Concen: 56.129 ng
RT: 17.448 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06



Tgt Ion:178 Resp: 4147735
Ion Ratio Lower Upper
178 100
176 22.4 17.8 26.6
179 19.1 14.1 21.1





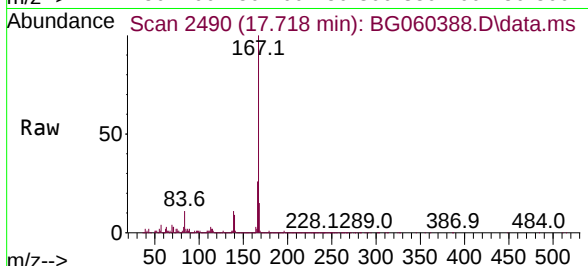
#73
 Carbazole
 Concen: 48.141 ng
 RT: 17.718 min Scan# 2490
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

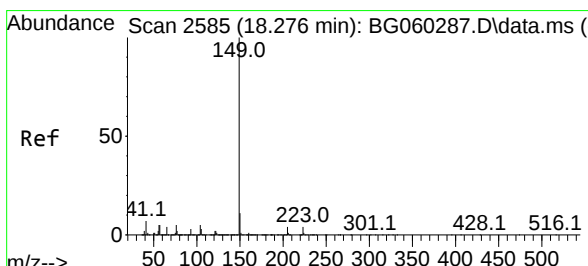
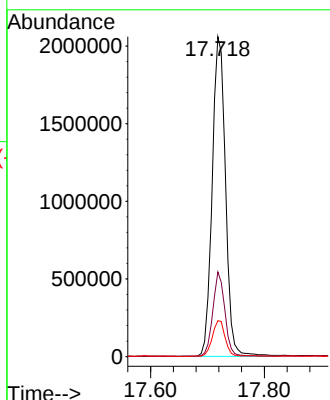
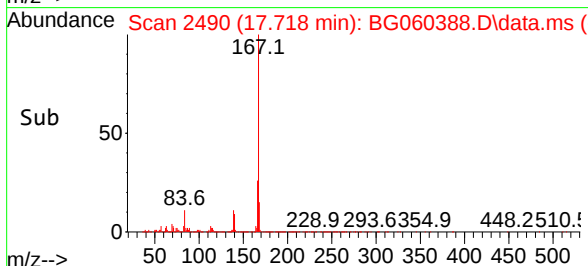


Tgt Ion:167 Resp: 3353796
 Ion Ratio Lower Upper
 167 100
 166 26.5 19.8 29.8
 139 11.2 9.3 13.9

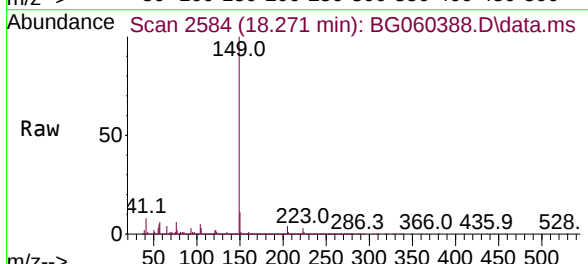
Manual Integrations

APPROVED

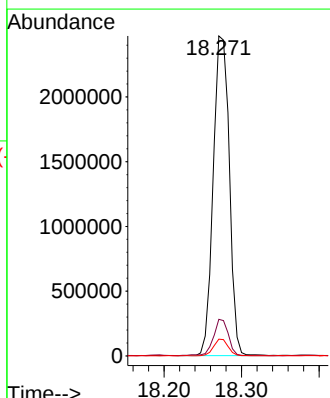
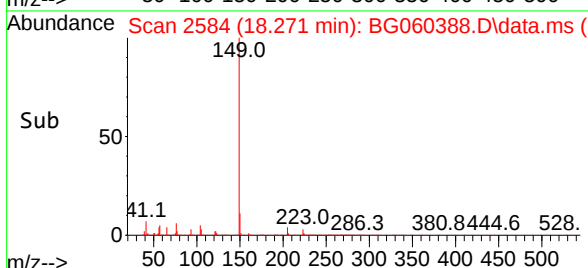
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

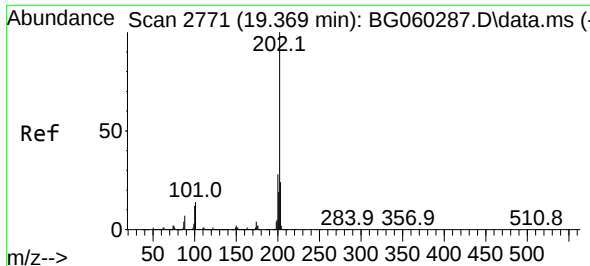


#74
 Di-n-butylphthalate
 Concen: 49.730 ng
 RT: 18.271 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06



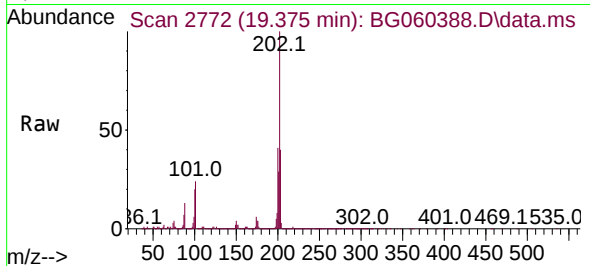
Tgt Ion:149 Resp: 3564693
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.1 13.7
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 76.357 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

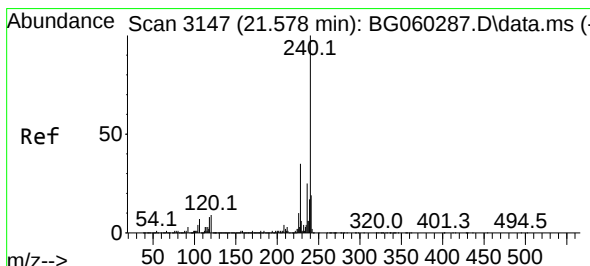
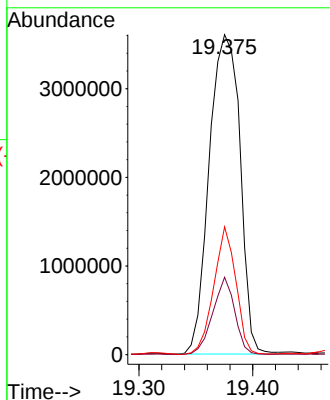
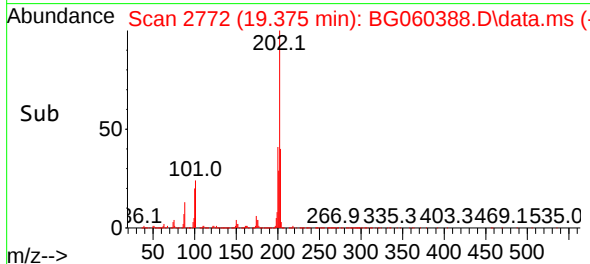
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:202 Resp: 6788002
Ion Ratio Lower Upper
202 100
101 24.2 0.0 34.4
203 39.9 4.0 44.0

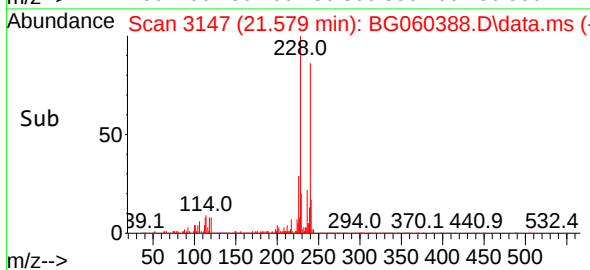
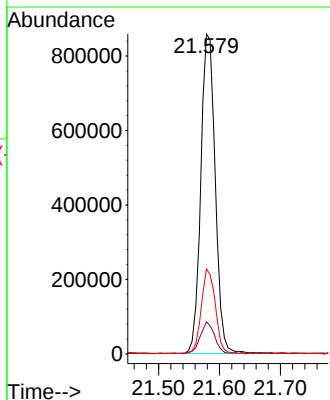
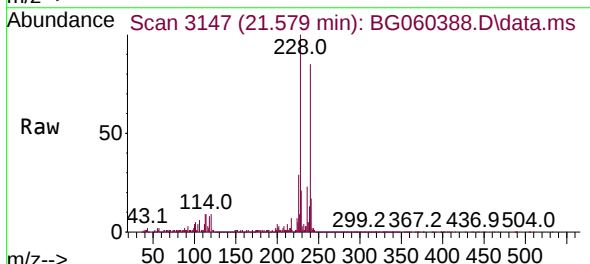
Manual Integrations
APPROVED

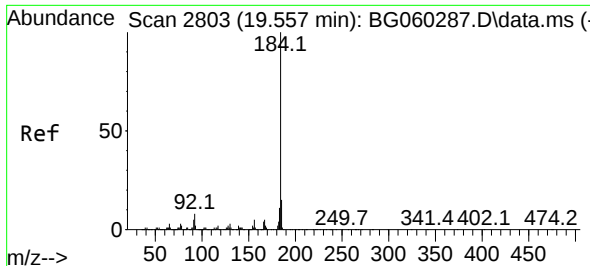
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:240 Resp: 1409272
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.5 20.3 30.5





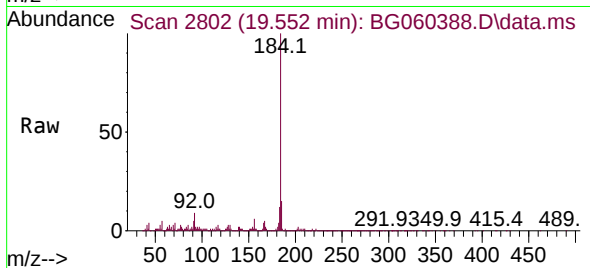
#77
Benzidine
Concen: 46.412 ng
RT: 19.552 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

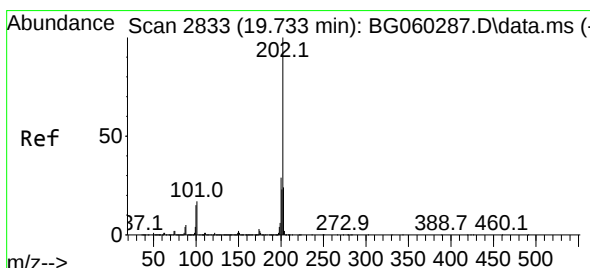
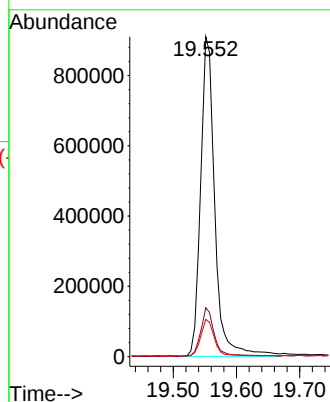
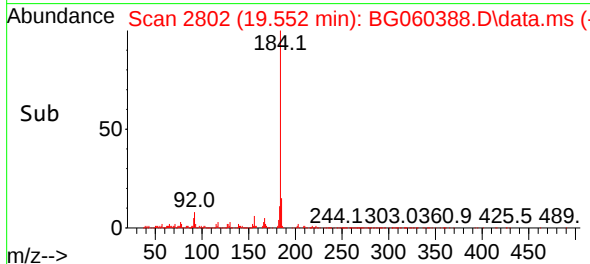


Tgt Ion:184 Resp: 1420977
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.7 9.0 13.4

Manual Integrations

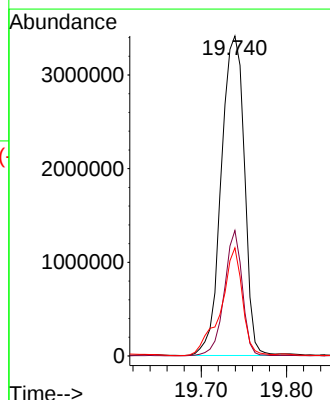
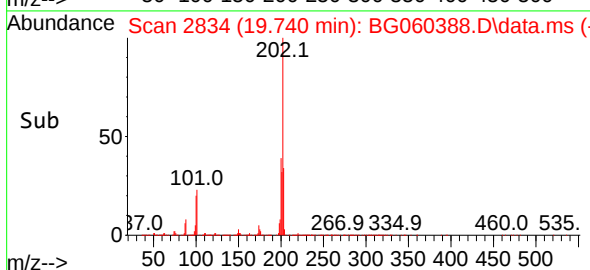
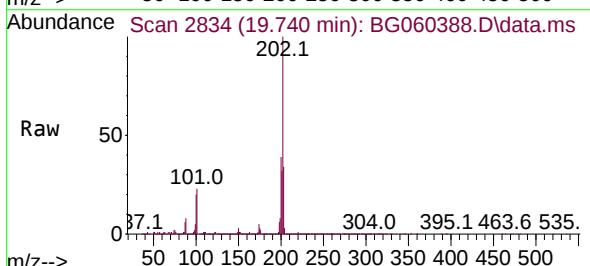
APPROVED

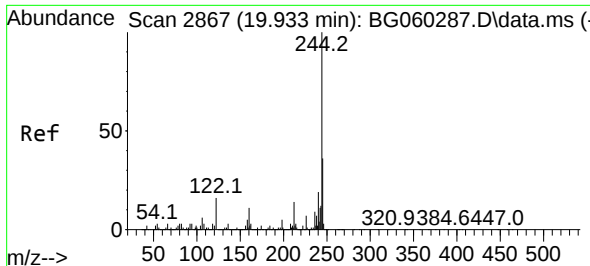
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#78
Pyrene
Concen: 71.345 ng
RT: 19.740 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:202 Resp: 6420696
Ion Ratio Lower Upper
202 100
200 39.2 23.5 35.3#
203 33.8 19.6 29.4#





#79
 Terphenyl-d14
 Concen: 52.408 ng
 RT: 19.933 min Scan# 2867
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

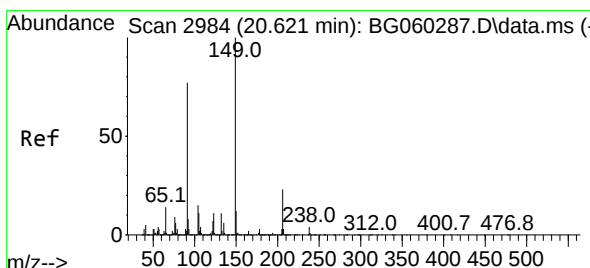
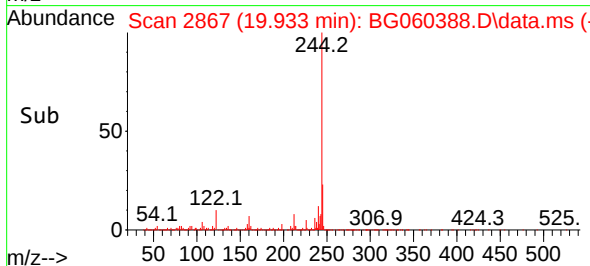
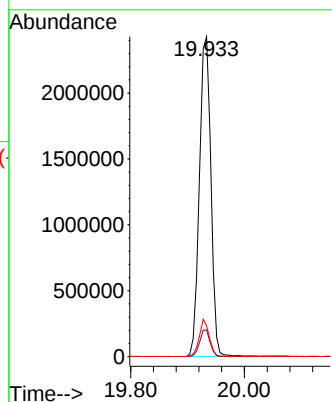
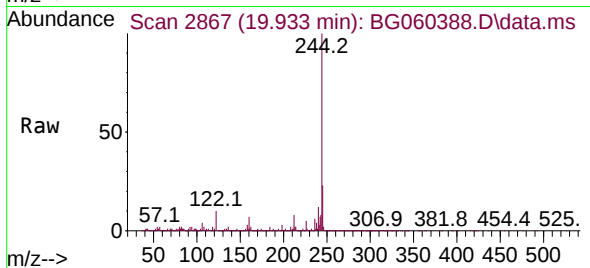
72-11977MSD

Tgt Ion:244 Resp: 3393009
 Ion Ratio Lower Upper
 244 100
 212 8.4 10.9 16.3
 122 9.6 12.6 18.8

Manual Integrations

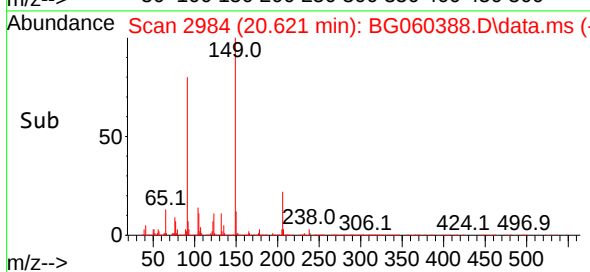
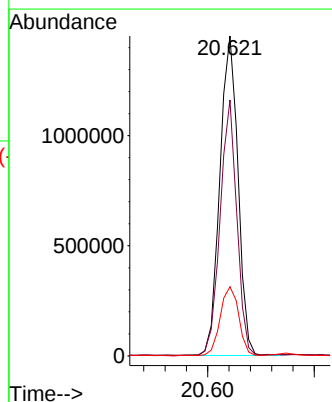
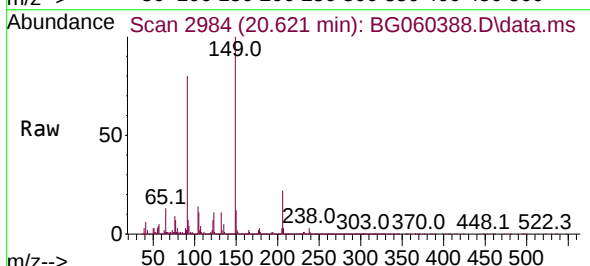
APPROVED

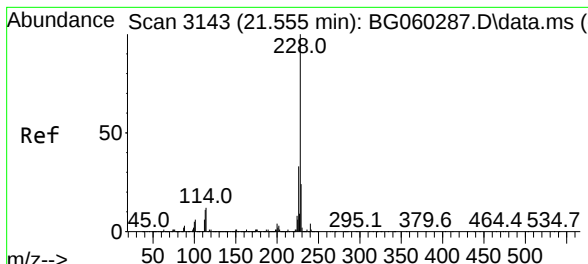
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024



#80
 Butylbenzylphthalate
 Concen: 55.536 ng
 RT: 20.621 min Scan# 2984
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

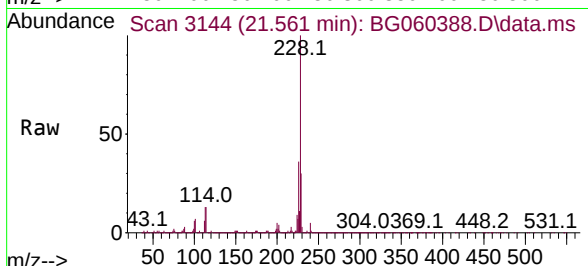
Tgt Ion:149 Resp: 1719542
 Ion Ratio Lower Upper
 149 100
 91 80.0 61.4 92.2
 206 21.6 18.0 27.0





#81
 Benzo(a)anthracene
 Concen: 61.238 ng m
 RT: 21.561 min Scan# 3144
 Delta R.T. 0.006 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD

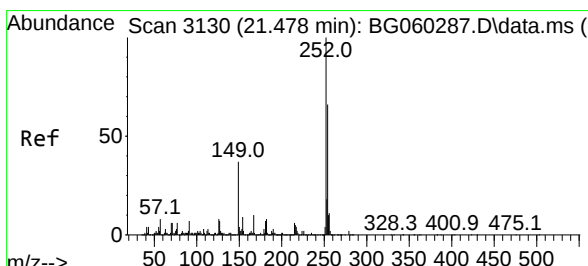
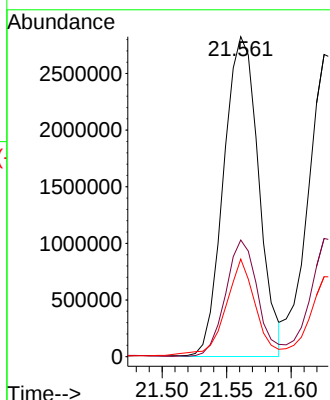
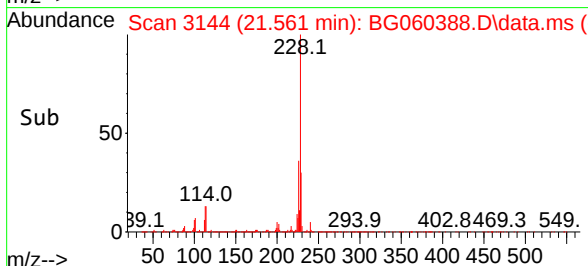


Tgt Ion: 228 Resp: 5342705

Ion	Ratio	Lower	Upper
228	100		
226	36.4	26.2	39.2
229	30.5	19.4	29.2

Manual Integrations
 APPROVED

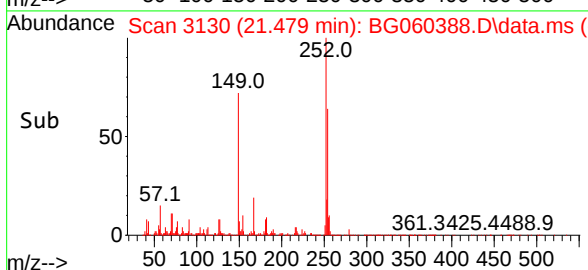
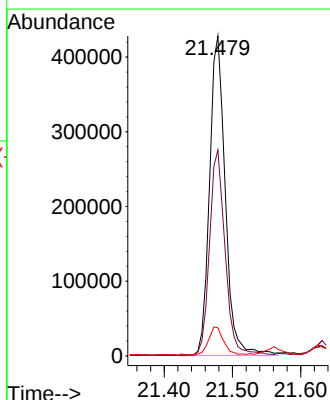
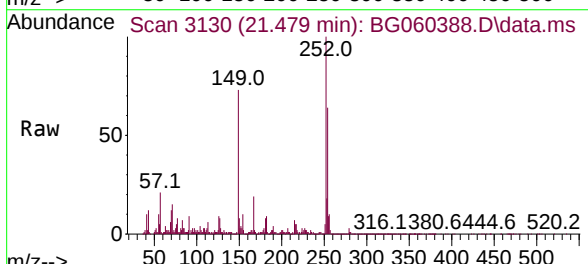
Reviewed By : Jagrut Upadhyay 01/23/2024
 Supervised By : mohammad ahmed 01/24/2024

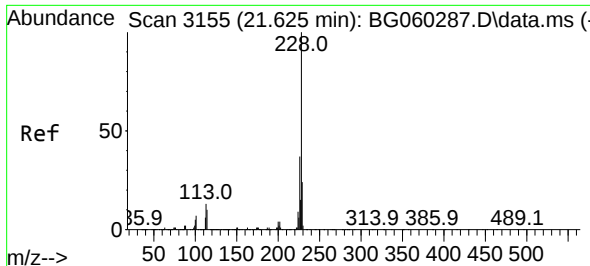


#82
 3,3'-Dichlorobenzidine
 Concen: 20.493 ng
 RT: 21.479 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Tgt Ion: 252 Resp: 684702

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	79.0
126	8.8	6.3	9.5





#83

Chrysene

Concen: 59.507 ng

RT: 21.626 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Tgt Ion:228 Resp: 5106014

Ion Ratio Lower Upper

228 100

226 39.1 29.4 44.2

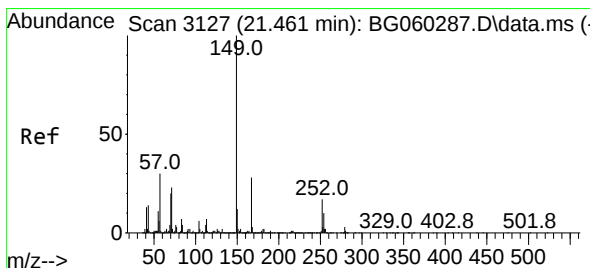
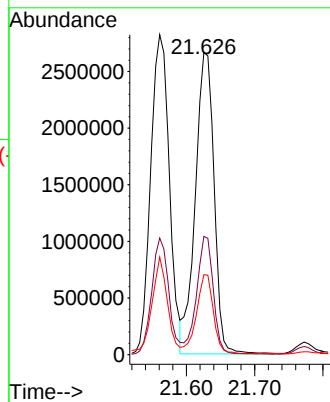
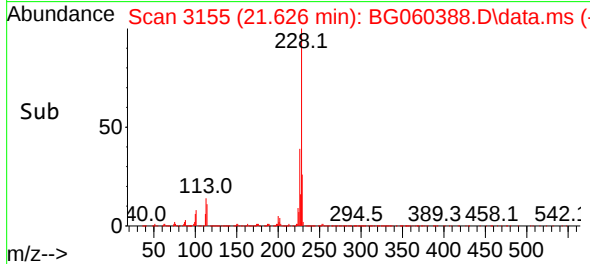
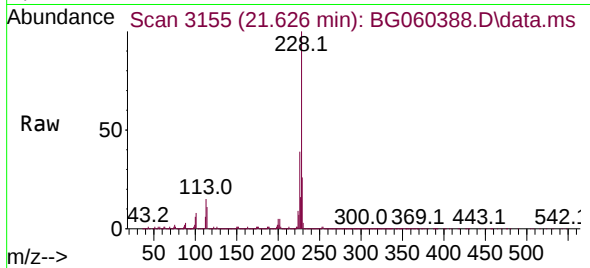
229 26.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.239 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

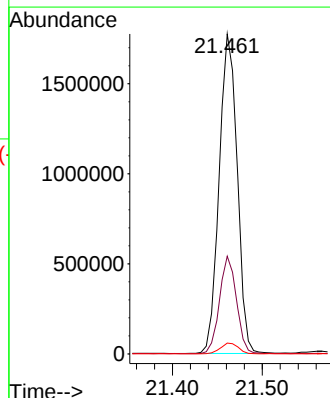
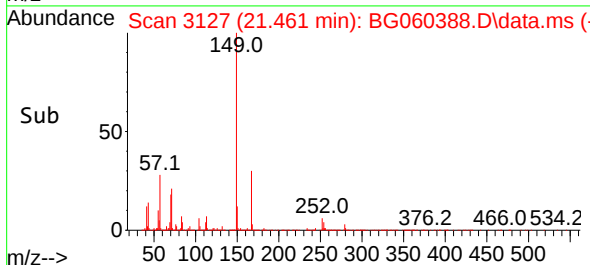
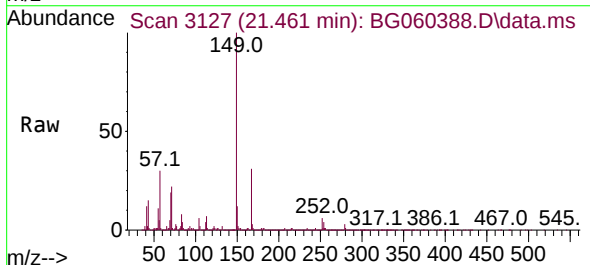
Tgt Ion:149 Resp: 2490911

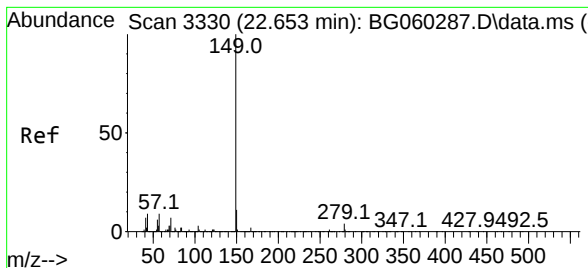
Ion Ratio Lower Upper

149 100

167 30.5 22.2 33.2

279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 55.937 ng

RT: 22.654 min Scan# 3330

Delta R.T. 0.000 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Tgt Ion:149 Resp: 4241094

Ion Ratio Lower Upper

149 100

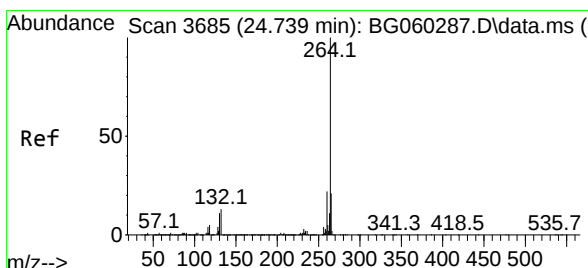
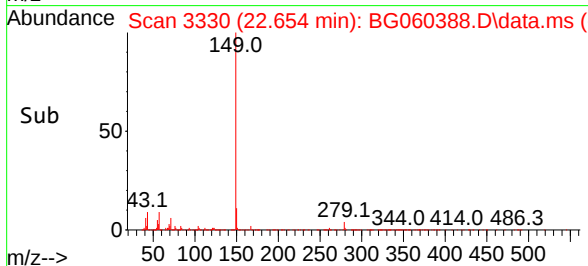
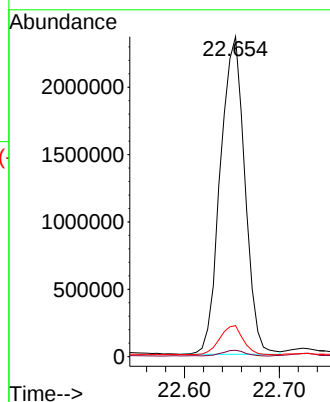
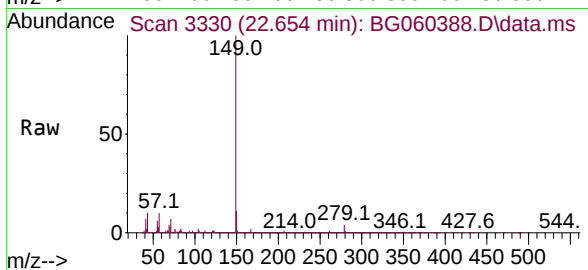
167 1.7 1.3 1.9

43 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.751 min Scan# 3687

Delta R.T. 0.012 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

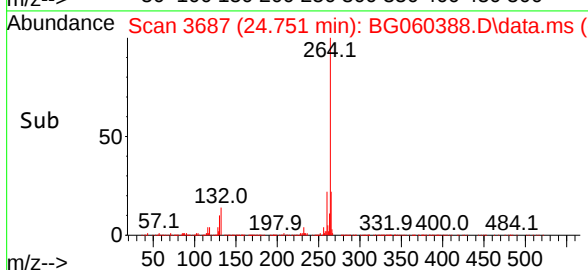
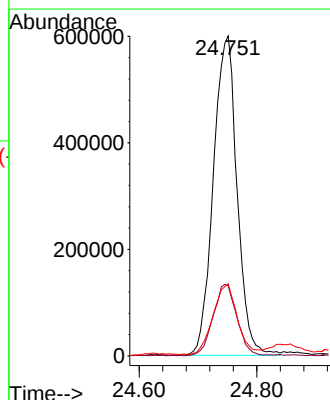
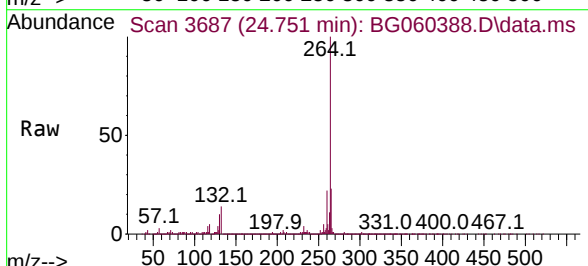
Tgt Ion:264 Resp: 1678739

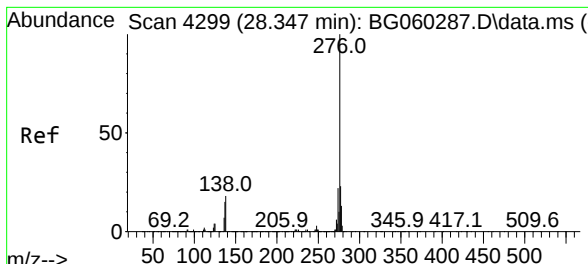
Ion Ratio Lower Upper

264 100

260 21.9 17.8 26.6

265 22.5 16.8 25.2





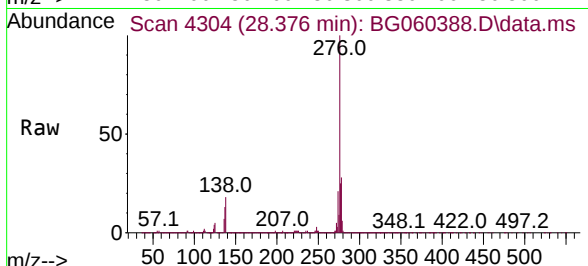
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.018 ng
 RT: 28.376 min Scan# 4304
 Delta R.T. 0.030 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

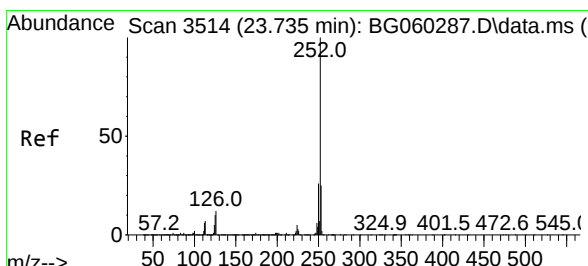
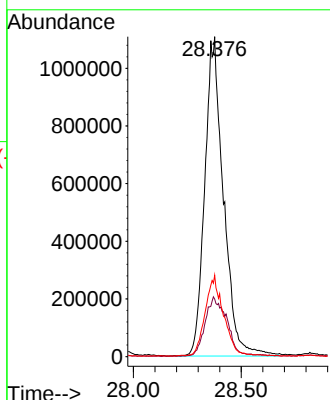
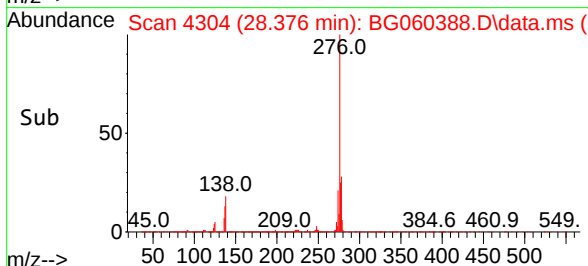
72-11977MSD



Tgt Ion: 276 Resp: 6655408
 Ion Ratio Lower Upper
 276 100
 138 21.1 12.5 18.7
 277 24.1 20.5 30.7

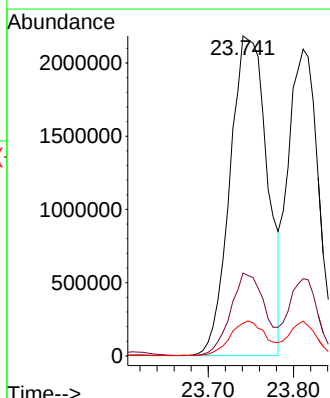
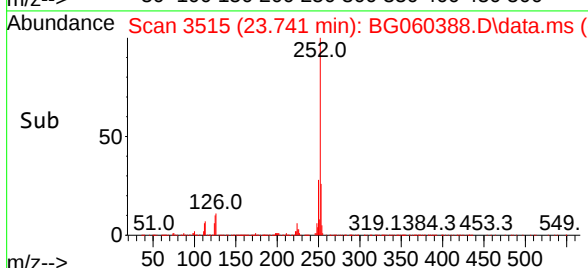
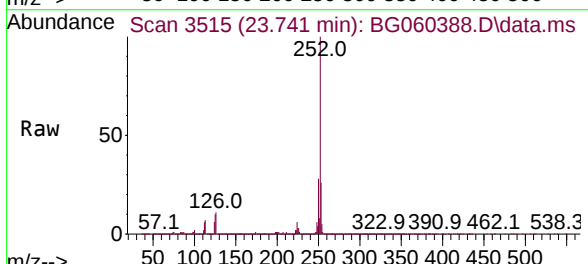
Manual Integrations
 APPROVED

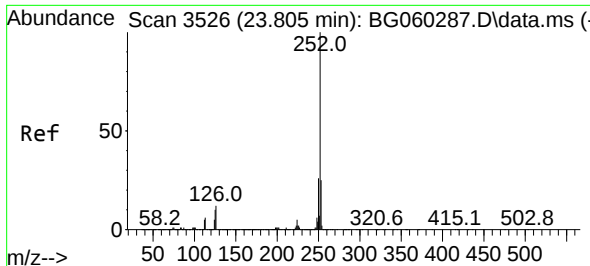
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024



#88
 Benzo(b)fluoranthene
 Concen: 66.970 ng
 RT: 23.741 min Scan# 3515
 Delta R.T. 0.006 min
 Lab File: BG060388.D
 Acq: 22 Jan 2024 17:06

Tgt Ion: 252 Resp: 6641636
 Ion Ratio Lower Upper
 252 100
 253 25.9 20.0 30.0
 125 10.2 8.1 12.1





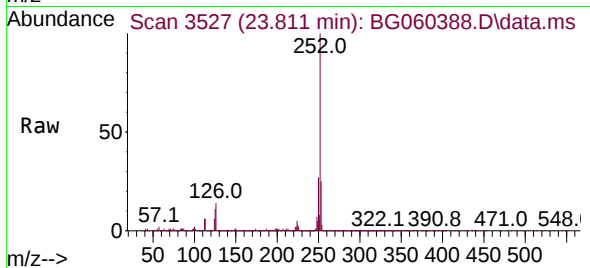
#89
Benzo(k)fluoranthene
Concen: 52.943 ng
RT: 23.811 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

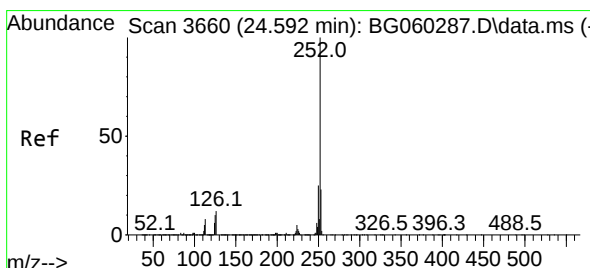
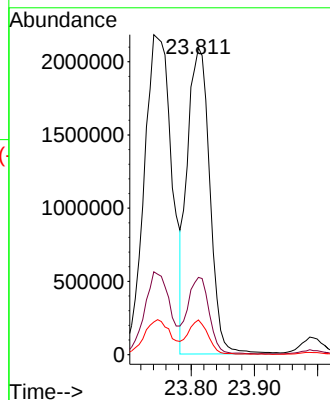
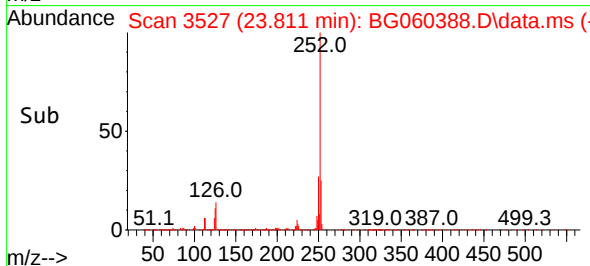


Tgt Ion:252 Resp: 5181248
Ion Ratio Lower Upper
252 100
253 25.2 19.6 29.4
125 11.3 8.2 12.2

Manual Integrations

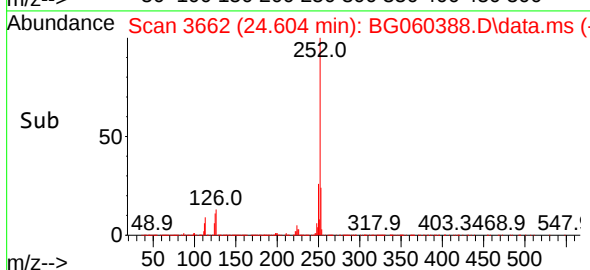
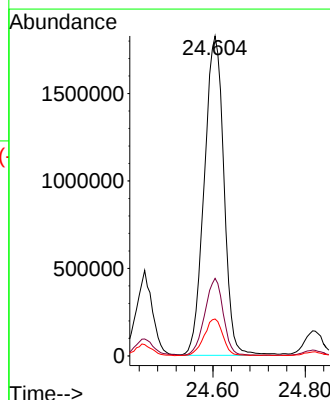
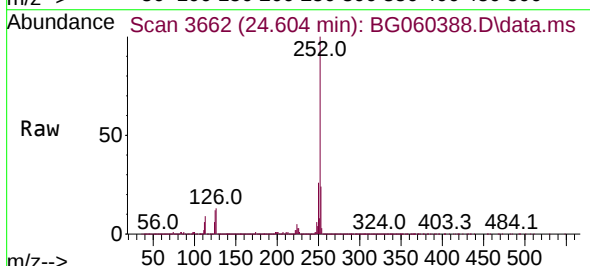
APPROVED

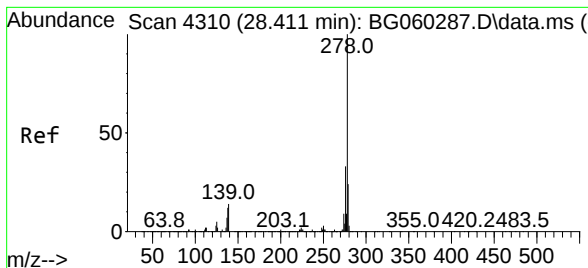
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#90
Benzo(a)pyrene
Concen: 59.994 ng
RT: 24.604 min Scan# 3662
Delta R.T. 0.012 min
Lab File: BG060388.D
Acq: 22 Jan 2024 17:06

Tgt Ion:252 Resp: 5374781
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 11.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 50.884 ng

RT: 28.423 min Scan# 4310

Delta R.T. 0.012 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Tgt Ion:278 Resp: 4850554

Ion Ratio Lower Upper

278 100

139 14.2 10.9 16.3

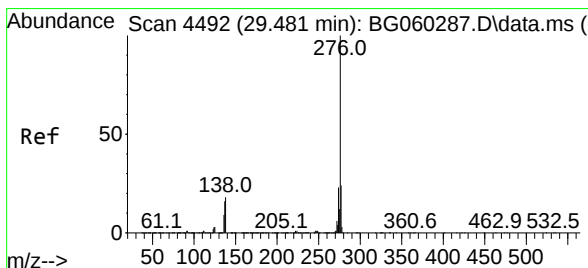
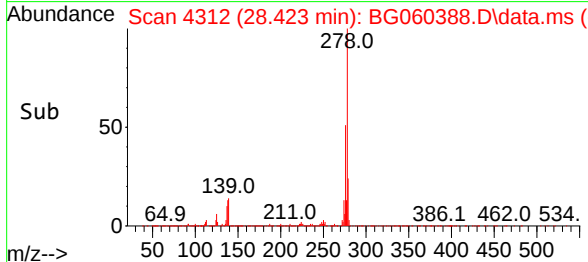
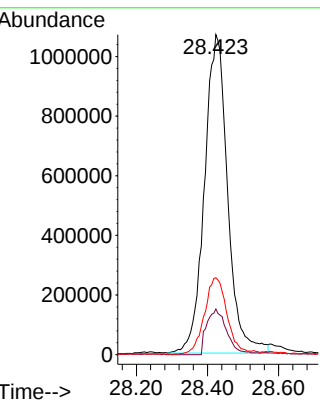
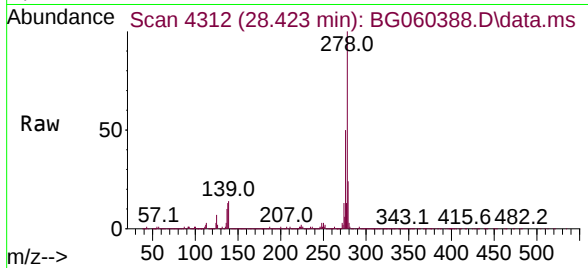
279 24.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#92

Benzo(g,h,i)perylene

Concen: 53.649 ng

RT: 29.499 min Scan# 4495

Delta R.T. 0.018 min

Lab File: BG060388.D

Acq: 22 Jan 2024 17:06

Tgt Ion:276 Resp: 5241518

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 18.9 14.2 21.4

