

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
 Data File : BG055405.D
 Acq On : 1 Nov 2022 23:23
 Operator : CG/JU
 Sample : PB148503BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148503BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Nov 02 05:42:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	22717	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	110470	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	86497	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	207244	20.000	ng	0.00
76) Chrysene-d12	21.868	240	202130	20.000	ng	0.00
86) Perylene-d12	25.246	264	220244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	214373	169.468	ng	0.00
7) Phenol-d6	7.391	99	293289	167.192	ng	0.00
23) Nitrobenzene-d5	9.418	82	172413	83.179	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	172386	146.110	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	472178	80.937	ng	0.00
79) Terphenyl-d14	20.170	244	913229	87.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.566	88	19312	33.659	ng	93
3) Pyridine	3.989	79	53964	31.692	ng	98
4) n-Nitrosodimethylamine	3.895	42	28566	42.466	ng	99
6) Aniline	7.555	93	103810	45.627	ng	99
8) 2-Chlorophenol	7.802	128	80484	52.366	ng	98
9) Benzaldehyde	7.367	77	35570	34.490	ng	98
10) Phenol	7.420	94	106589	53.684	ng	98
11) bis(2-Chloroethyl)ether	7.649	93	68514	46.123	ng	97
12) 1,3-Dichlorobenzene	8.131	146	78381	44.993	ng	99
13) 1,4-Dichlorobenzene	8.278	146	79931	45.049	ng	99
14) 1,2-Dichlorobenzene	8.601	146	79250	46.664	ng	99
15) Benzyl Alcohol	8.478	79	73310m	52.399	ng	
16) 2,2'-oxybis(1-Chloropr...	8.760	45	91609	46.352	ng	98
17) 2-Methylphenol	8.683	107	75098	52.568	ng	99
18) Hexachloroethane	9.336	117	27480	45.400	ng	97
19) n-Nitroso-di-n-propyla...	9.048	70	63884	46.606	ng	99
20) 3+4-Methylphenols	9.012	107	105130	51.792	ng	98
22) Acetophenone	9.071	105	125551	43.360	ng	99
24) Nitrobenzene	9.459	77	90572	41.911	ng	96
25) Isophorone	9.982	82	186097	45.333	ng	99
26) 2-Nitrophenol	10.176	139	50161	45.077	ng	97
27) 2,4-Dimethylphenol	10.223	122	83828	53.726	ng	99
28) bis(2-Chloroethoxy)met...	10.458	93	105340	48.177	ng	99
29) 2,4-Dichlorophenol	10.716	162	91988	48.331	ng	99
30) 1,2,4-Trichlorobenzene	10.934	180	84870	41.179	ng	98
31) Naphthalene	11.122	128	259764	41.764	ng	100
32) Benzoic acid	10.393	122	39403m	42.903	ng	
33) 4-Chloroaniline	11.227	127	97716	37.810	ng	98
34) Hexachlorobutadiene	11.398	225	51384	40.109	ng	99
35) Caprolactam	11.997	113	34663m	49.188	ng	
36) 4-Chloro-3-methylphenol	12.332	107	103093	49.469	ng	99
37) 2-Methylnaphthalene	12.708	142	197542	43.239	ng	99
38) 1-Methylnaphthalene	12.926	142	189358	42.495	ng	99
40) 1,2,4,5-Tetrachloroben...	13.072	216	106716	41.765	ng	99
41) Hexachlorocyclopentadiene	13.043	237	116009	93.909	ng	94
43) 2,4,6-Trichlorophenol	13.307	196	78791	44.281	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	87740	44.270	ng	97
46) 1,1'-Biphenyl	13.695	154	277685	43.629	ng	100
47) 2-Chloronaphthalene	13.748	162	215117	42.062	ng	100
48) 2-Nitroaniline	13.948	65	68787	43.790	ng	98
49) Acenaphthylene	14.588	152	357053	42.518	ng	100
50) Dimethylphthalate	14.300	163	310959	43.069	ng	99
51) 2,6-Dinitrotoluene	14.430	165	67318	44.537	ng	98
52) Acenaphthene	14.923	154	212206	42.459	ng	98
53) 3-Nitroaniline	14.765	138	60156	35.410	ng	97
54) 2,4-Dinitrophenol	14.976	184	78610	85.655	ng	97
55) Dibenzofuran	15.252	168	355740	43.002	ng	100
56) 4-Nitrophenol	15.070	139	115699	99.326	ng	98
57) 2,4-Dinitrotoluene	15.217	165	99056	45.832	ng	98
58) Fluorene	15.899	166	290037	43.158	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.475	232	79656	44.698	ng	98
60) Diethylphthalate	15.652	149	325232	43.346	ng	99
61) 4-Chlorophenyl-phenylether	15.881	204	154072	44.344	ng	98
62) 4-Nitroaniline	15.922	138	76123	42.353	ng	99
63) Azobenzene	16.175	77	266551	42.736	ng	99
65) 4,6-Dinitro-2-methylph...	15.981	198	57695	43.219	ng	99
66) n-Nitrosodiphenylamine	16.098	169	265850	43.147	ng	99
67) 4-Bromophenyl-phenylether	16.774	248	106633	43.527	ng	98
68) Hexachlorobenzene	16.903	284	121207	43.385	ng	95
69) Atrazine	17.032	200	111448	53.877	ng	99
70) Pentachlorophenol	17.250	266	118504	81.744	ng	97
71) Phenanthrene	17.638	178	495059	42.468	ng	99
72) Anthracene	17.726	178	503597	44.074	ng	99
73) Carbazole	17.996	167	475366	44.717	ng	99
74) Di-n-butylphthalate	18.519	149	579059	43.613	ng	99
75) Fluoranthene	19.629	202	600636	42.835	ng	99
77) Benzidine	19.794	184	314910	74.832	ng	100
78) Pyrene	19.988	202	605360	42.453	ng	99
80) Butylbenzylphthalate	20.840	149	259878	43.714	ng	100
81) Benzo(a)anthracene	21.844	228	596066	42.958	ng	100
82) 3,3'-Dichlorobenzidine	21.750	252	194925	40.966	ng	100
83) Chrysene	21.915	228	557736	42.133	ng	99
84) Bis(2-ethylhexyl)phtha...	21.709	149	380142	43.989	ng	99
85) Di-n-octyl phthalate	22.967	149	648150	43.774	ng	100
87) Indeno(1,2,3-cd)pyrene	29.136	276	750139	42.421	ng	100
88) Benzo(b)fluoranthene	24.165	252	648200	46.333	ng	99
89) Benzo(k)fluoranthene	24.236	252	622770	44.297	ng	99
90) Benzo(a)pyrene	25.088	252	574466	47.490	ng	100
91) Dibenzo(a,h)anthracene	29.195	278	656000	44.965	ng	99
92) Benzo(g,h,i)perylene	30.364	276	647521	44.627	ng	98

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

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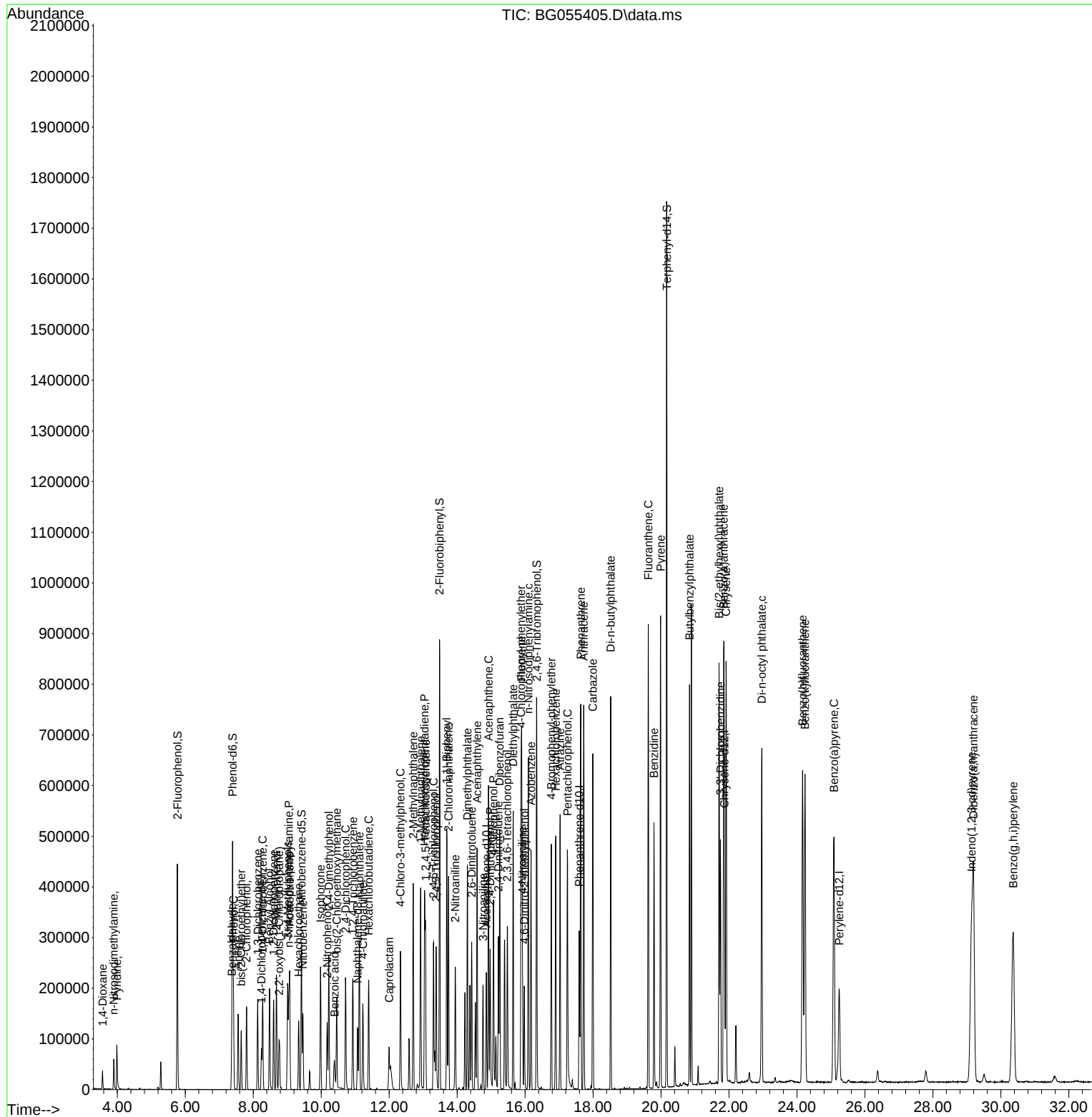
Quant Time: Nov 02 05:42:09 2022

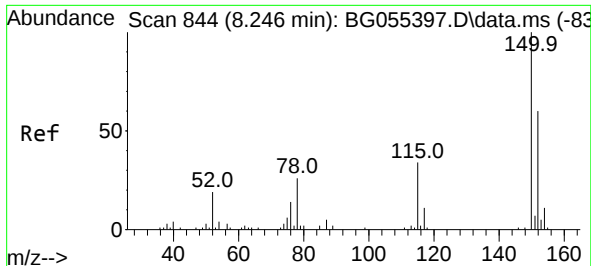
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M

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QLast Update : Wed Nov 02 05:05:12 2022

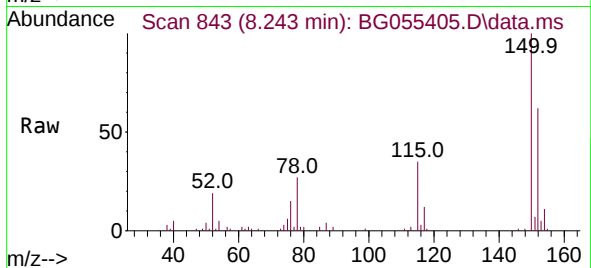
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.243 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

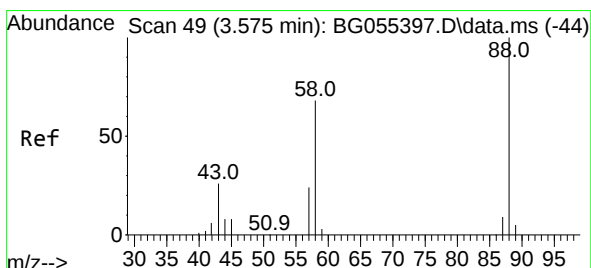
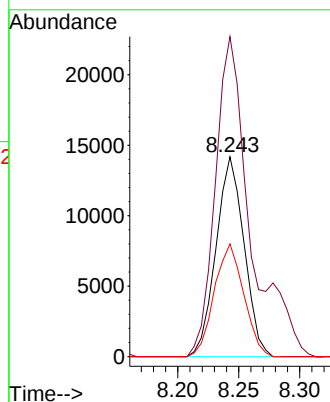
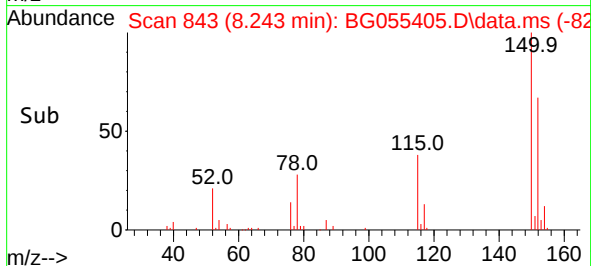
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 ClientSampleId :
 PB148503BSD



Tgt Ion:152 Resp: 2271
 Ion Ratio Lower Upper
 152 100
 150 160.2 132.8 199.2
 115 56.4 45.1 67.7

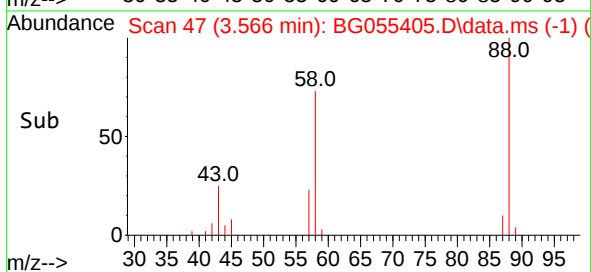
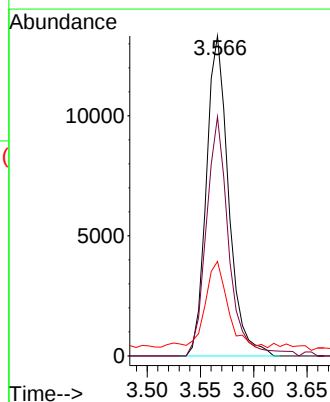
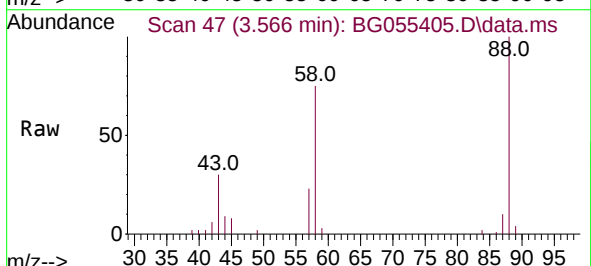
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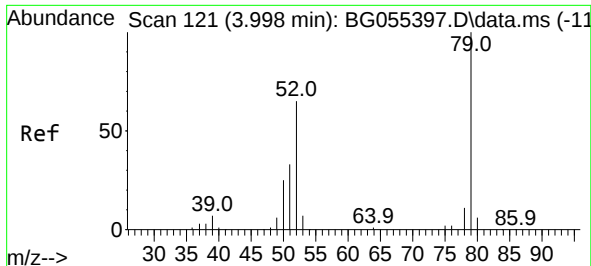
Reviewed By :Christian Giraldo 11/02/2022
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#2
 1,4-Dioxane
 Concen: 33.659 ng
 RT: 3.566 min Scan# 47
 Delta R.T. -0.009 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

Tgt Ion: 88 Resp: 19312
 Ion Ratio Lower Upper
 88 100
 58 75.3 55.7 83.5
 43 29.1 20.7 31.1





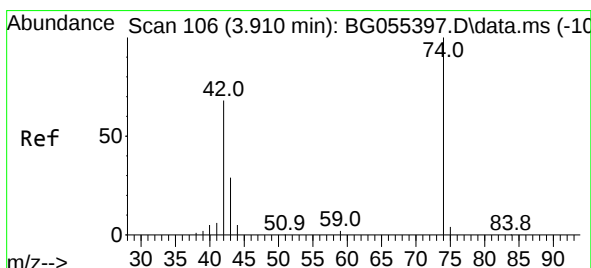
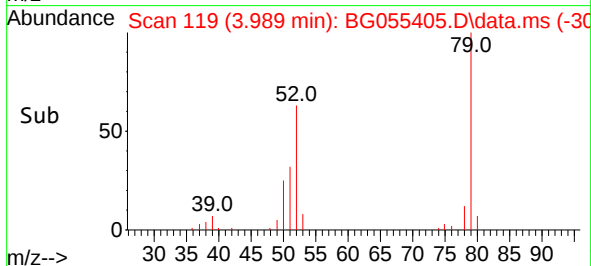
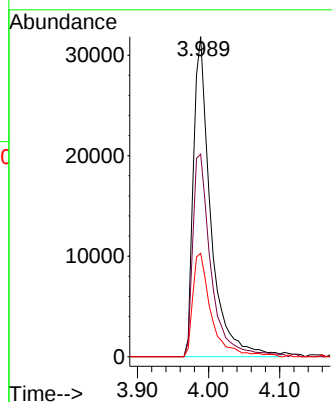
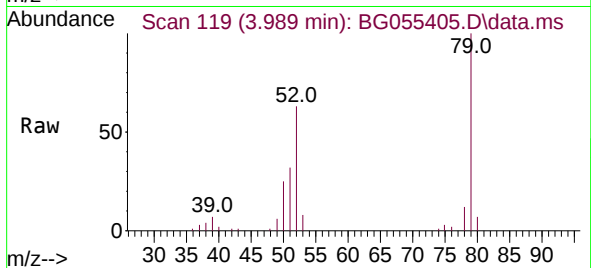
#3
Pyridine
Concen: 31.692 ng
RT: 3.989 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Tgt Ion: 79 Resp: 53964
Ion Ratio Lower Upper
79 100
52 63.3 51.8 77.6
51 32.3 26.6 40.0

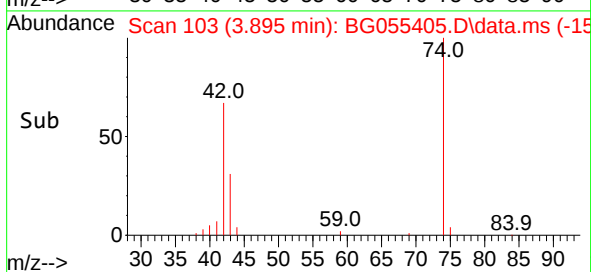
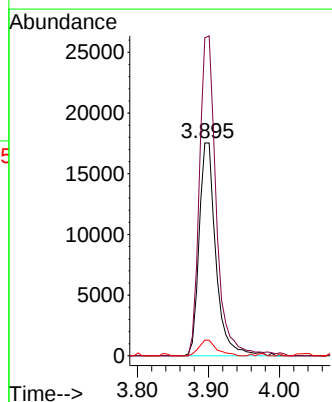
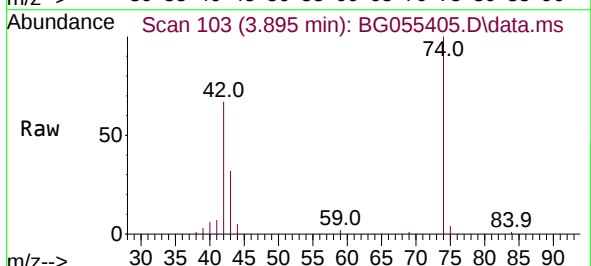
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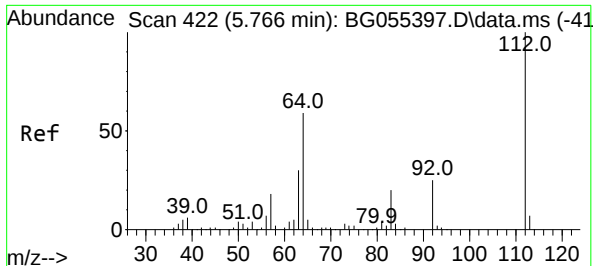
Reviewed By :Christian Giraldo 11/02/2022
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#4
n-Nitrosodimethylamine
Concen: 42.466 ng
RT: 3.895 min Scan# 103
Delta R.T. -0.015 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

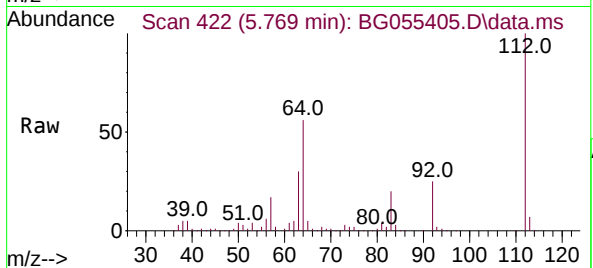
Tgt Ion: 42 Resp: 28566
Ion Ratio Lower Upper
42 100
74 149.4 118.1 177.1
44 7.4 5.4 8.0





#5
2-Fluorophenol
Concen: 169.468 ng
RT: 5.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

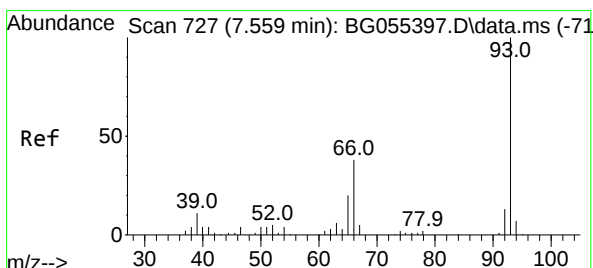
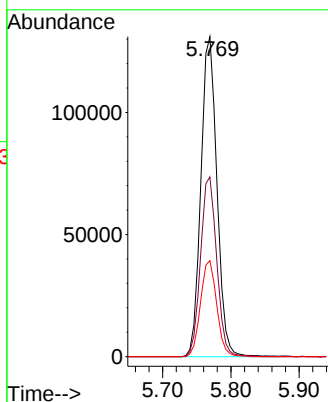
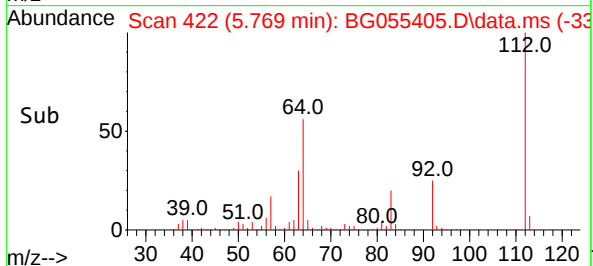
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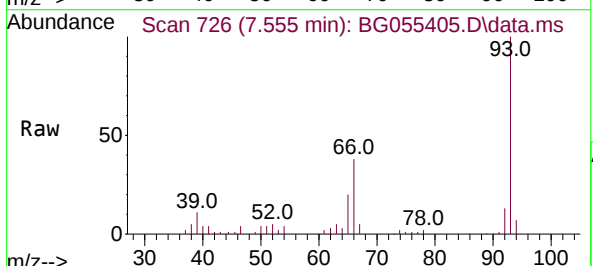
Tgt Ion:112 Resp: 214373
Ion Ratio Lower Upper
112 100
64 56.2 47.2 70.8
63 30.0 24.3 36.5

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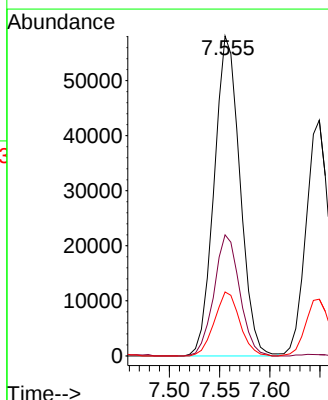
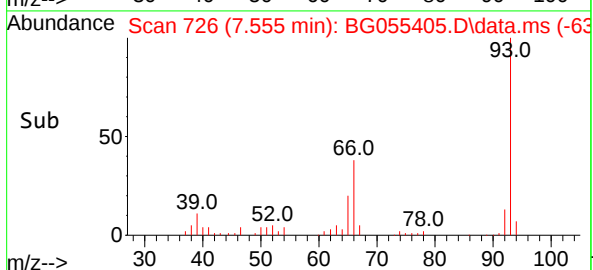
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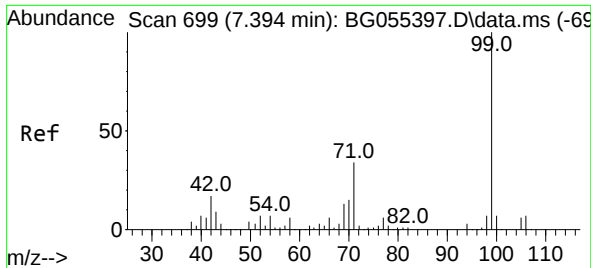


#6
Aniline
Concen: 45.627 ng
RT: 7.555 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



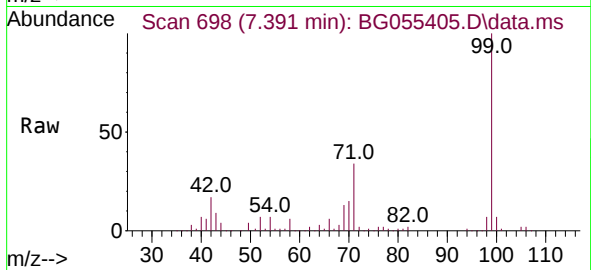
Tgt Ion: 93 Resp: 103810
Ion Ratio Lower Upper
93 100
66 37.8 30.6 45.8
65 20.0 16.4 24.6





#7
Phenol-d6
Concen: 167.192 ng
RT: 7.391 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055405.D
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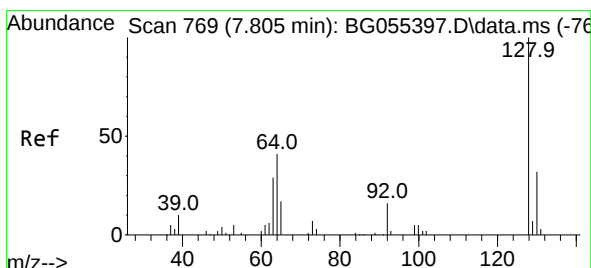
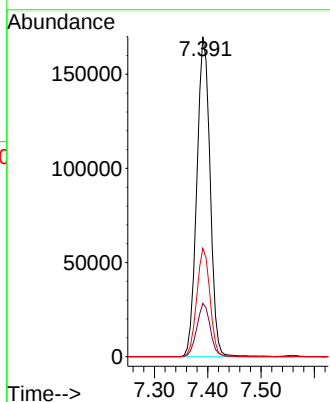
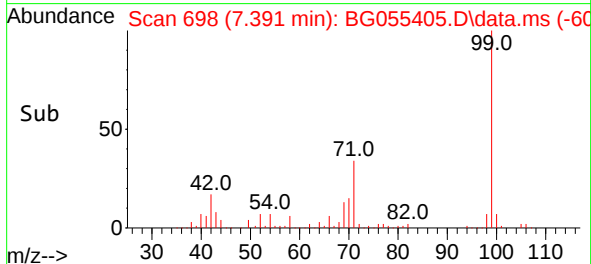
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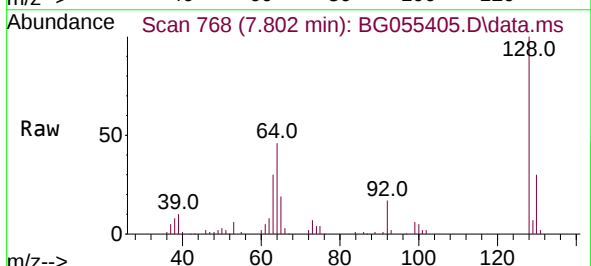
Tgt Ion: 99 Resp: 293289
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 33.8 27.4 41.0

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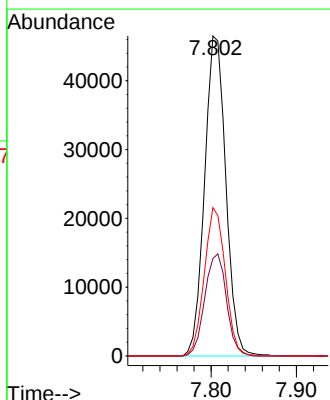
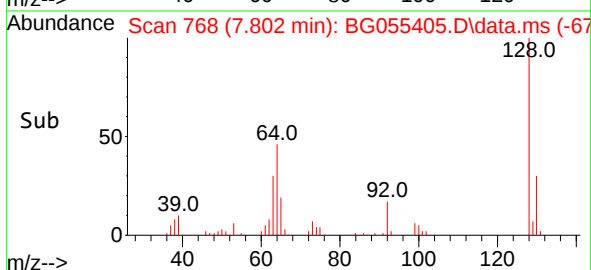
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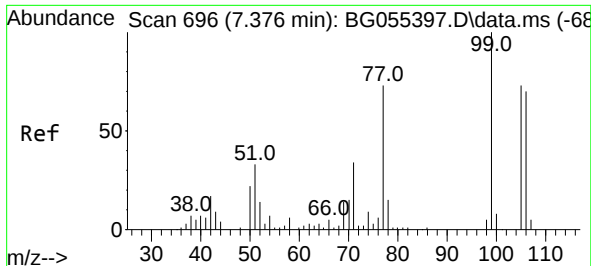


#8
2-Chlorophenol
Concen: 52.366 ng
RT: 7.802 min Scan# 768
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



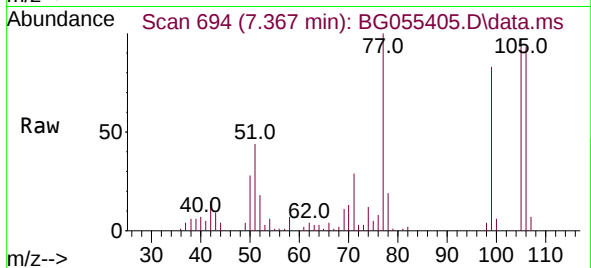
Tgt Ion:128 Resp: 80484
Ion Ratio Lower Upper
128 100
130 30.4 12.3 52.3
64 46.3 25.3 65.3





#9
Benzaldehyde
Concen: 34.490 ng
RT: 7.367 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG055405.D
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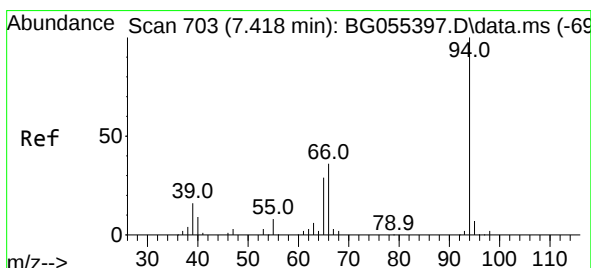
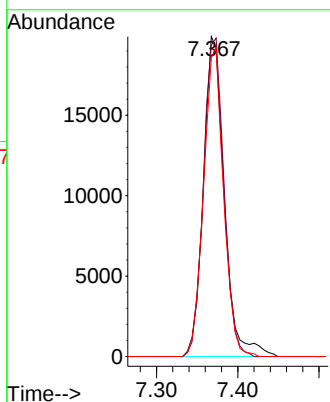
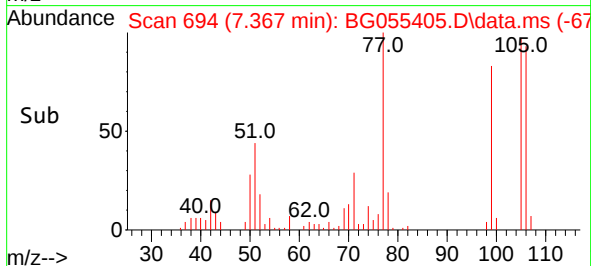
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Tgt Ion: 77 Resp: 35570
Ion Ratio Lower Upper
77 100
105 97.3 79.7 119.7
106 93.4 75.4 115.4

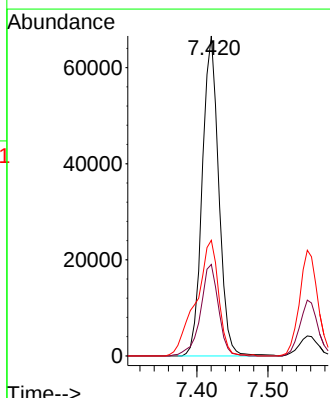
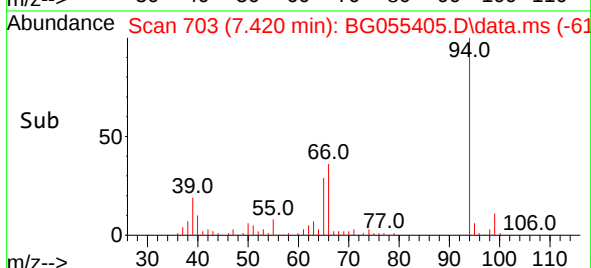
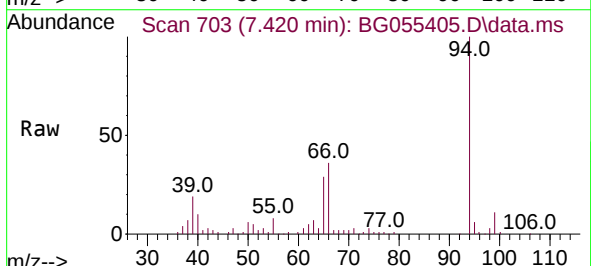
Manual Integrations
APPROVED

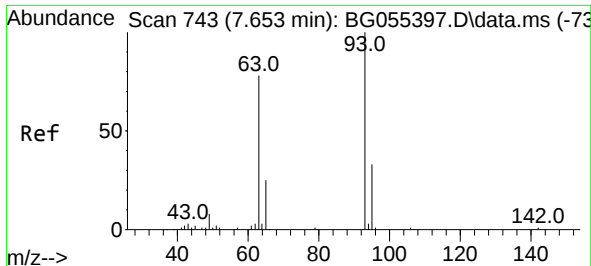
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#10
Phenol
Concen: 53.684 ng
RT: 7.420 min Scan# 703
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion: 94 Resp: 106589
Ion Ratio Lower Upper
94 100
65 28.6 9.0 49.0
66 36.1 17.6 57.6





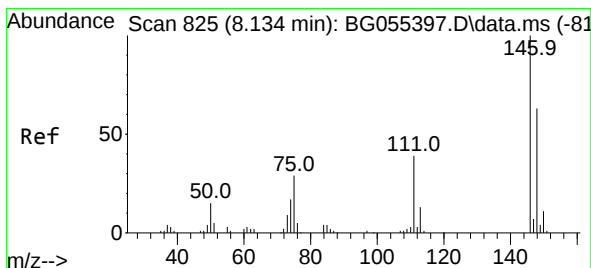
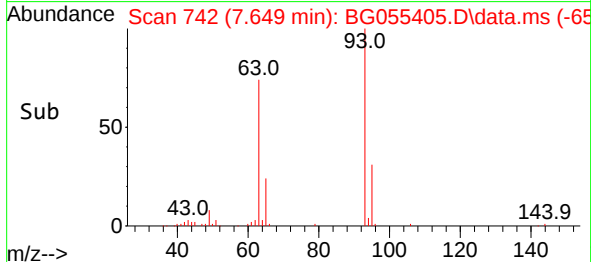
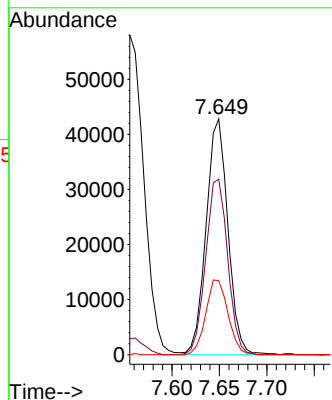
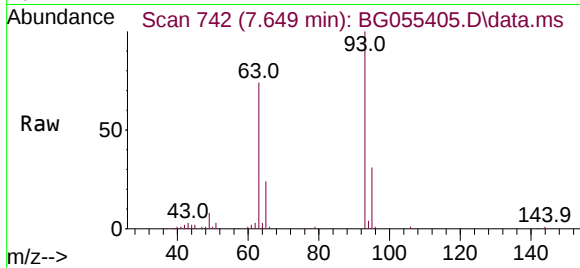
#11
bis(2-Chloroethyl)ether
Concen: 46.123 ng
RT: 7.649 min Scan# 743
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Tgt Ion: 93 Resp: 68514
Ion Ratio Lower Upper
93 100
63 74.4 57.4 97.4
95 31.3 12.5 52.5

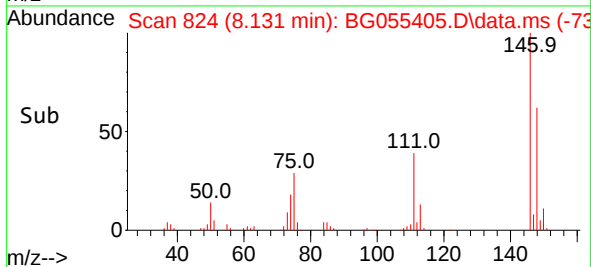
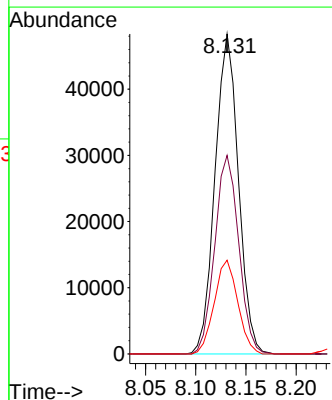
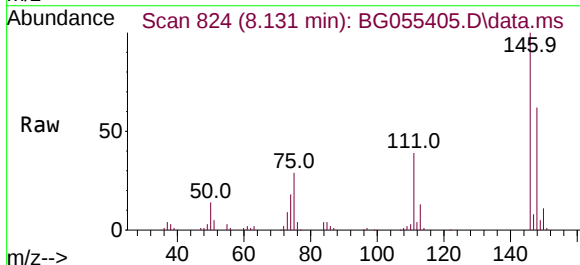
Manual Integrations
APPROVED

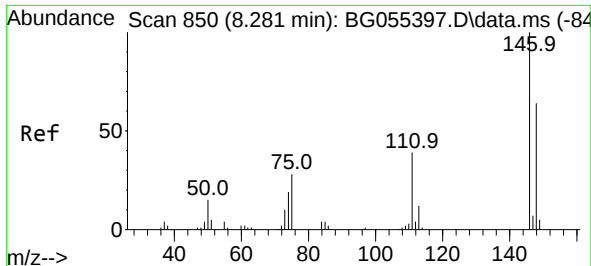
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#12
1,3-Dichlorobenzene
Concen: 44.993 ng
RT: 8.131 min Scan# 824
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

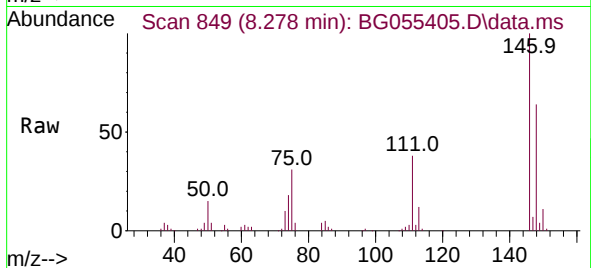
Tgt Ion:146 Resp: 78381
Ion Ratio Lower Upper
146 100
148 62.0 50.6 75.8
75 29.3 22.8 34.2





#13
1,4-Dichlorobenzene
Concen: 45.049 ng
RT: 8.278 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

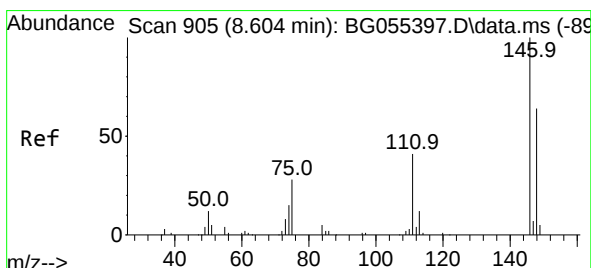
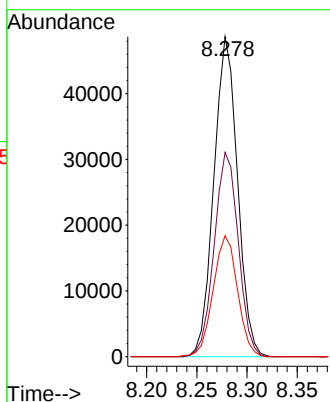
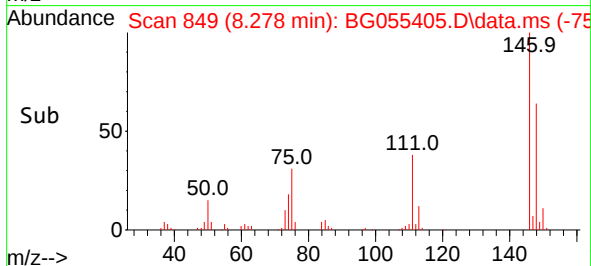
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



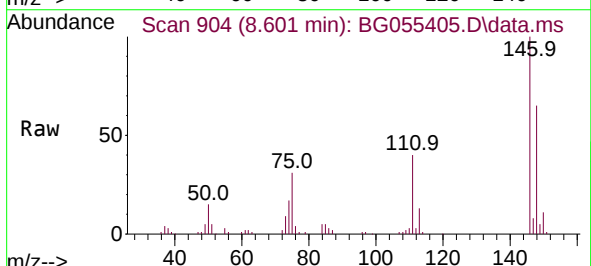
Tgt Ion:146 Resp: 79931
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 37.8 31.2 46.8

Manual Integrations
APPROVED

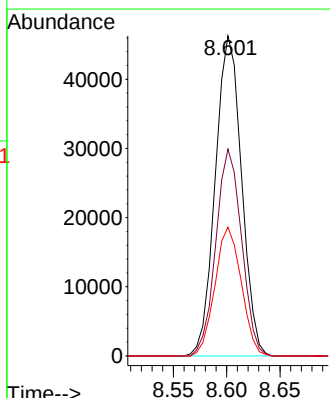
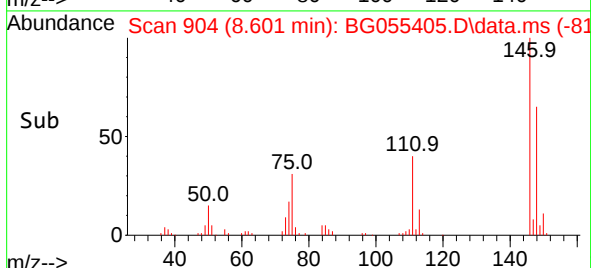
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

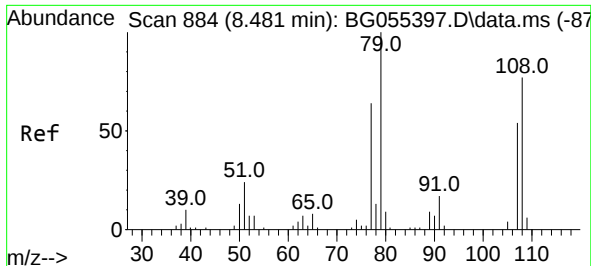


#14
1,2-Dichlorobenzene
Concen: 46.664 ng
RT: 8.601 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



Tgt Ion:146 Resp: 79250
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 40.2 33.2 49.8





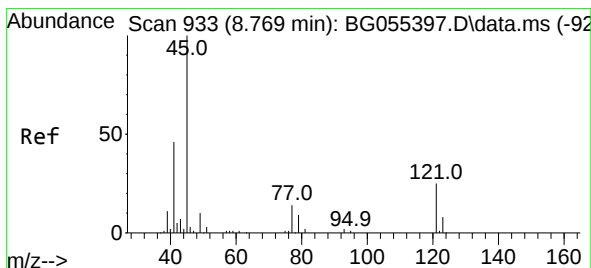
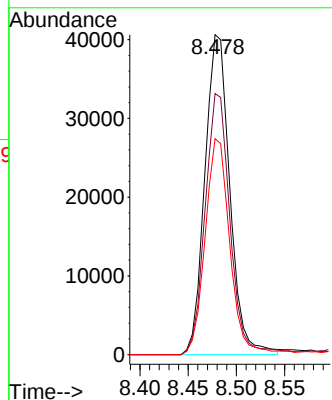
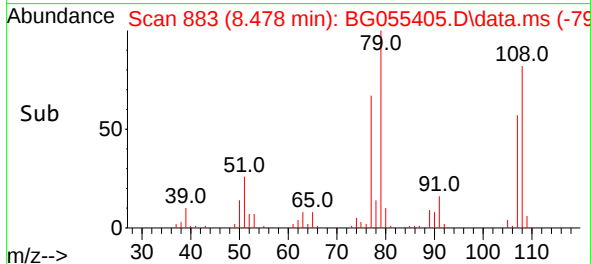
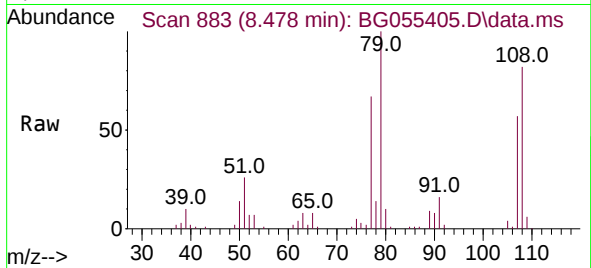
#15
Benzyl Alcohol
Concen: 52.399 ng m
RT: 8.478 min Scan# 884
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Tgt Ion: 79 Resp: 73310
Ion Ratio Lower Upper
79 100
108 81.6 61.6 92.4
77 67.5 51.4 77.0

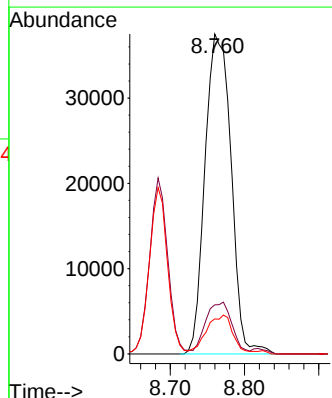
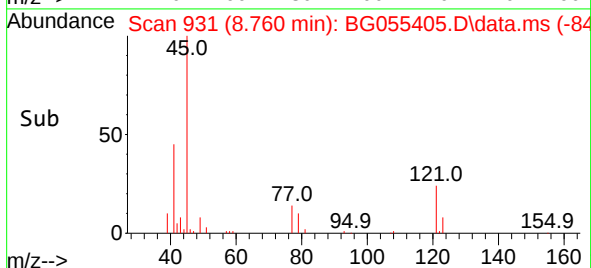
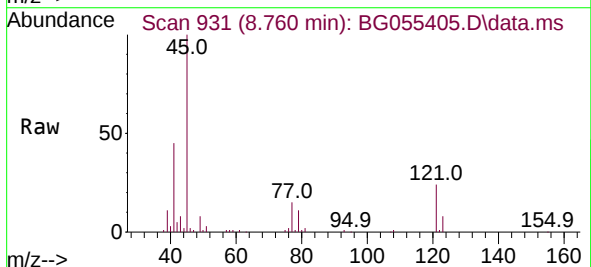
Manual Integrations
APPROVED

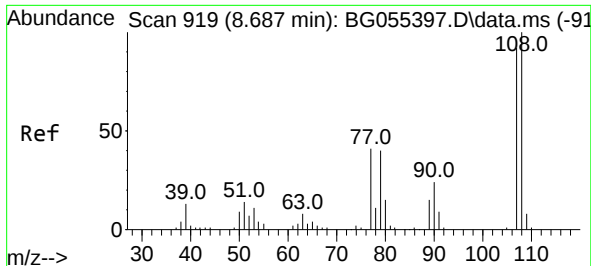
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.352 ng
RT: 8.760 min Scan# 931
Delta R.T. -0.009 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion: 45 Resp: 91609
Ion Ratio Lower Upper
45 100
77 15.3 0.0 36.6
79 10.9 0.0 31.3





#17
2-Methylphenol
Concen: 52.568 ng
RT: 8.683 min Scan# 919
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

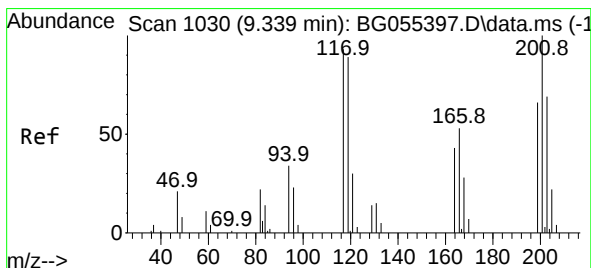
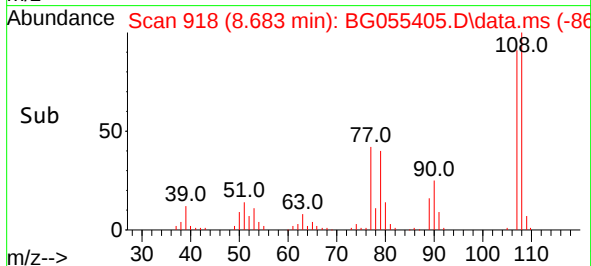
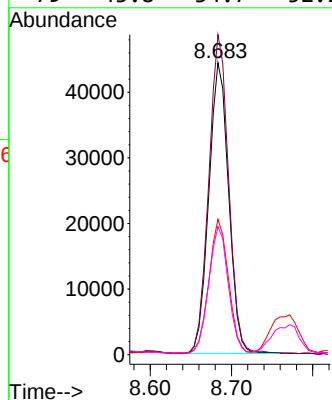
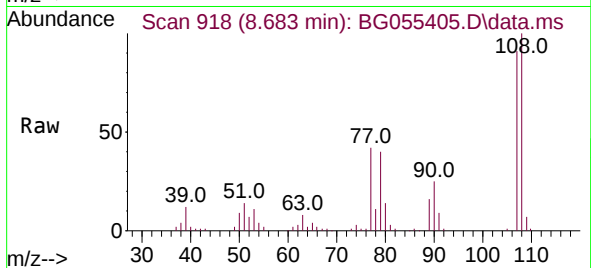
PB148503BSD

Tgt Ion:107 Resp: 75098
Ion Ratio Lower Upper
107 100
108 109.6 86.9 130.3
77 46.3 36.1 54.1
79 43.8 34.7 52.1

Manual Integrations

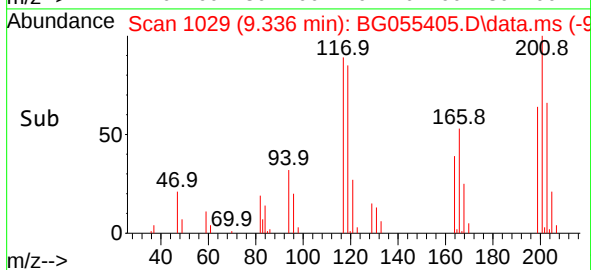
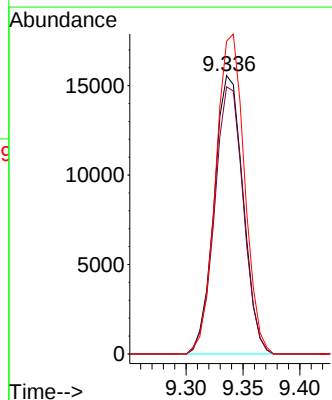
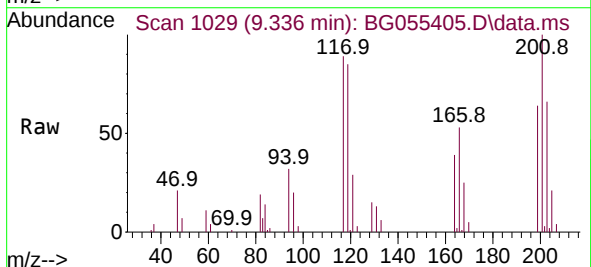
APPROVED

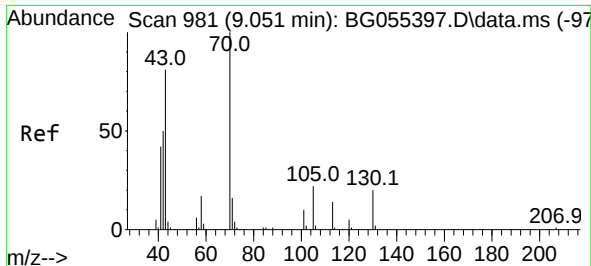
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#18
Hexachloroethane
Concen: 45.400 ng
RT: 9.336 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

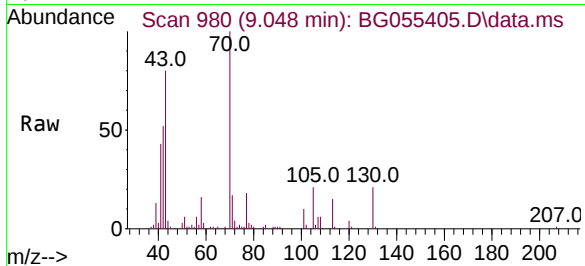
Tgt Ion:117 Resp: 27480
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 112.4 86.1 129.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.606 ng
RT: 9.048 min Scan# 981
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

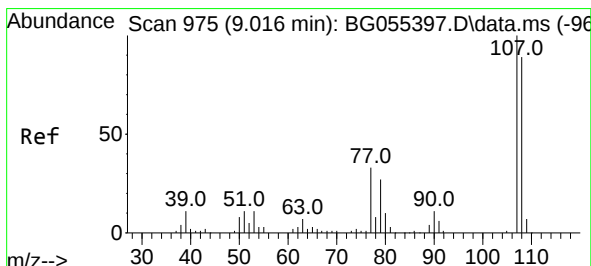
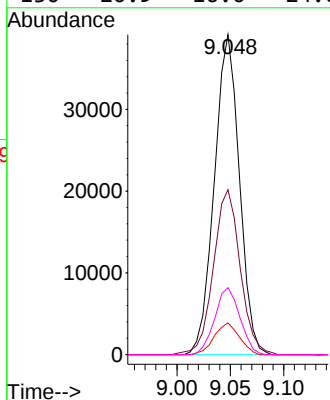
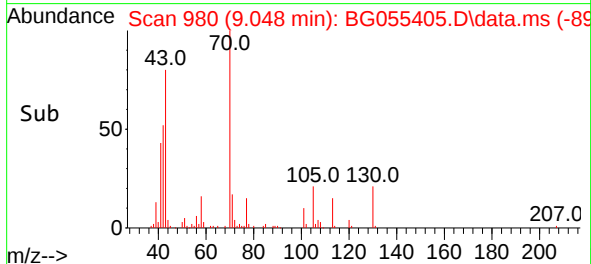
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



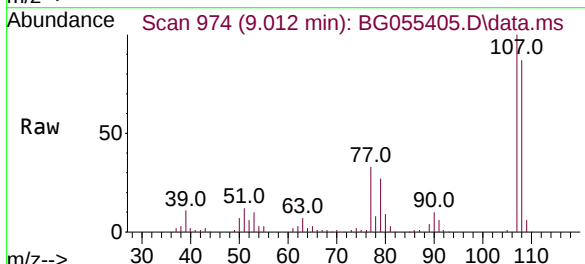
Tgt Ion: 70 Resp: 63884
Ion Ratio Lower Upper
70 100
42 51.5 40.6 61.0
101 9.9 7.8 11.6
130 20.9 16.0 24.0

Manual Integrations
APPROVED

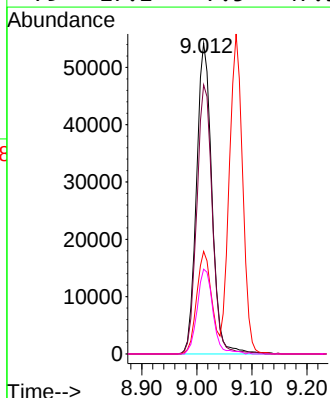
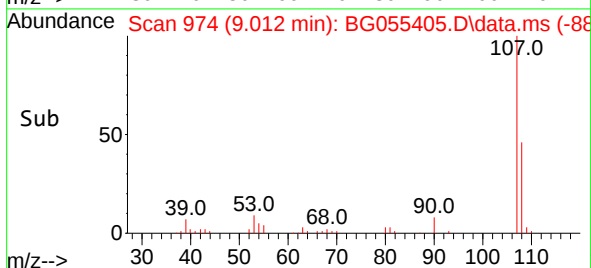
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

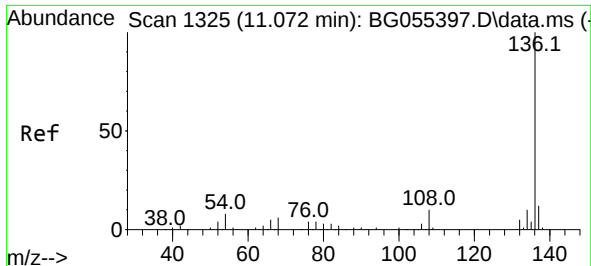


#20
3+4-Methylphenols
Concen: 51.792 ng
RT: 9.012 min Scan# 974
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



Tgt Ion:107 Resp: 105130
Ion Ratio Lower Upper
107 100
108 86.6 69.1 109.1
77 33.0 12.8 52.8
79 27.2 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1324
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

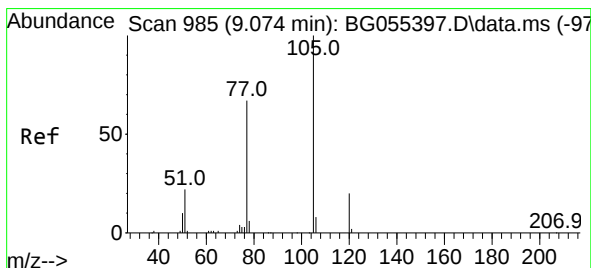
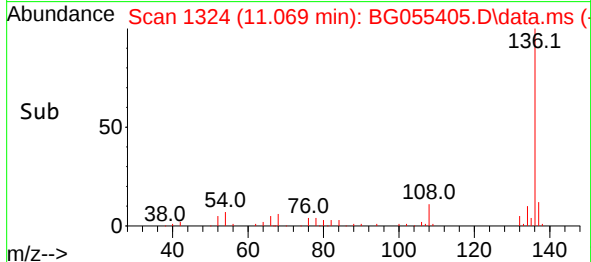
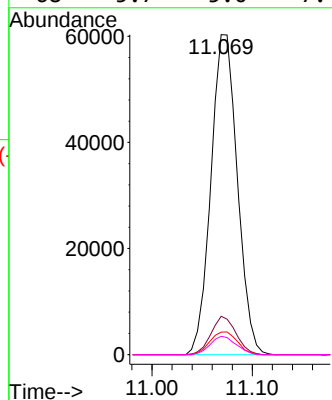
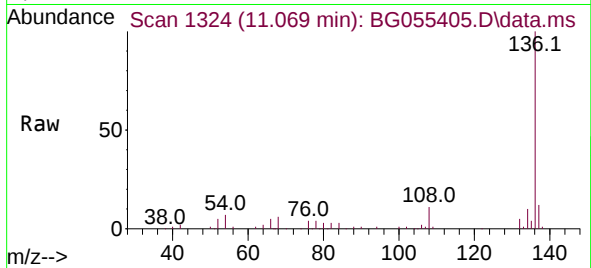
PB148503BSD

Tgt Ion:136 Resp: 110476
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 7.0 6.1 9.1
68 5.7 5.0 7.4

Manual Integrations

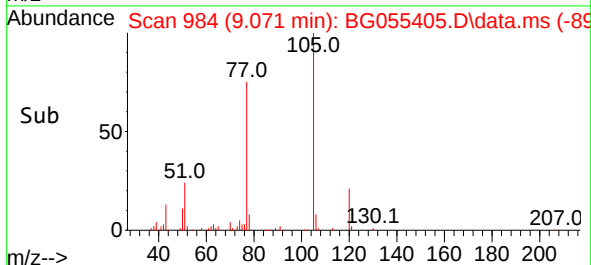
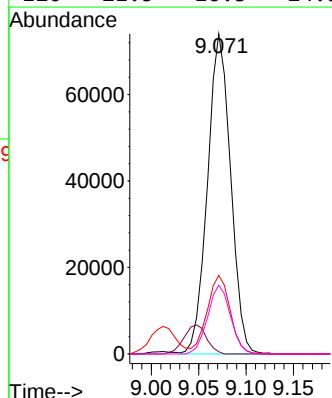
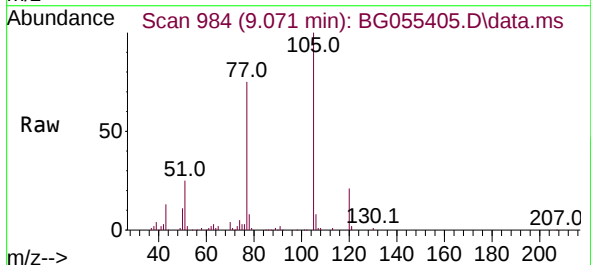
APPROVED

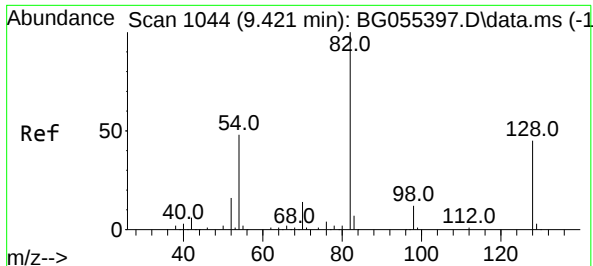
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#22
Acetophenone
Concen: 43.360 ng
RT: 9.071 min Scan# 984
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion:105 Resp: 125551
Ion Ratio Lower Upper
105 100
71 0.7 0.5 0.7
51 24.5 19.6 29.4
120 21.5 16.3 24.5





#23

Nitrobenzene-d5

Concen: 83.179 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

Tgt Ion: 82 Resp: 172413

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.8

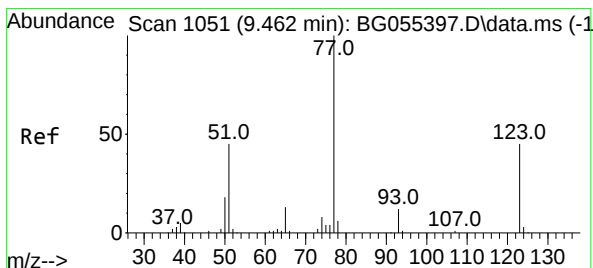
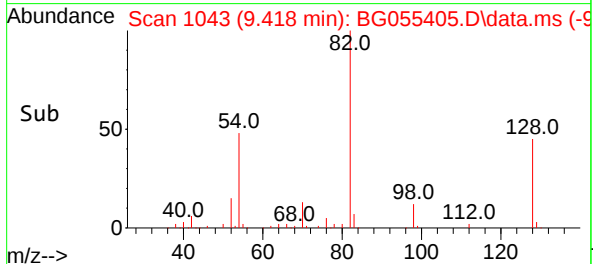
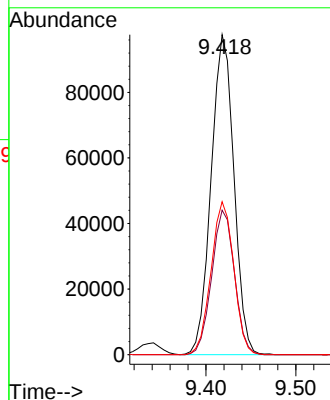
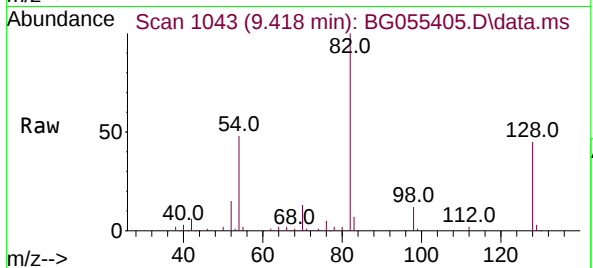
54 47.8 38.1 57.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#24

Nitrobenzene

Concen: 41.911 ng

RT: 9.459 min Scan# 1050

Delta R.T. -0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

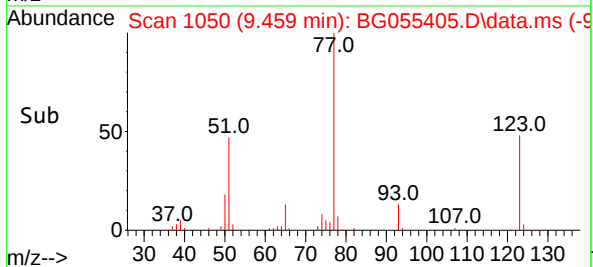
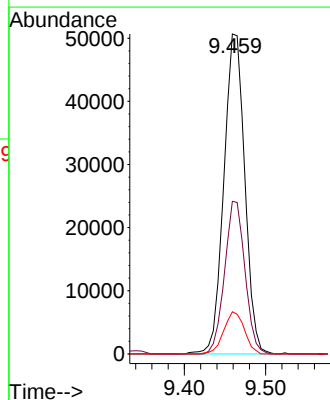
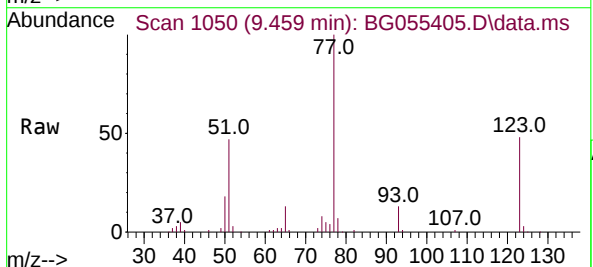
Tgt Ion: 77 Resp: 90572

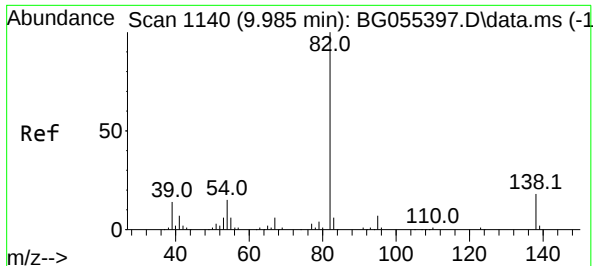
Ion Ratio Lower Upper

77 100

123 47.7 35.8 53.8

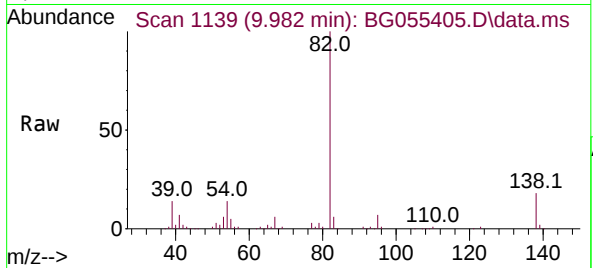
65 13.2 10.2 15.4





#25
Isophorone
Concen: 45.333 ng
RT: 9.982 min Scan# 1140
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

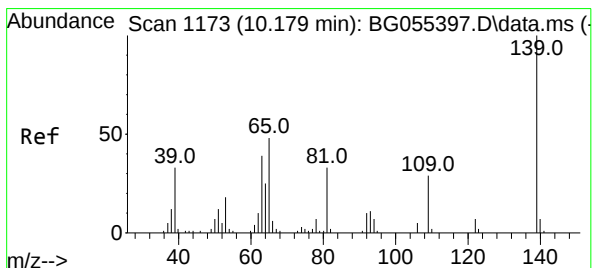
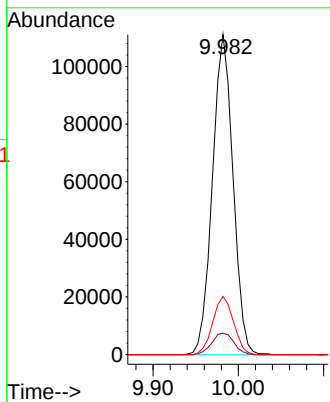
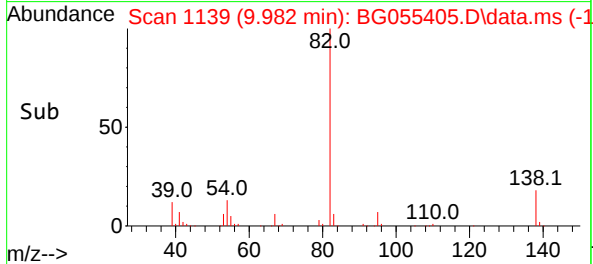
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion: 82 Resp: 186097
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 18.2 14.6 21.8

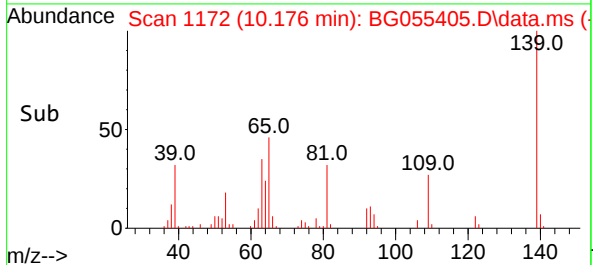
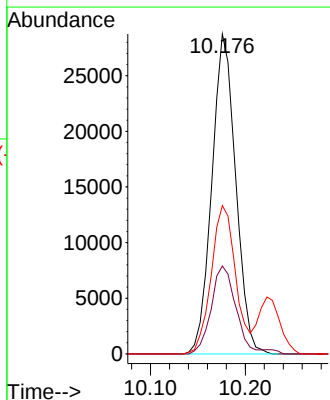
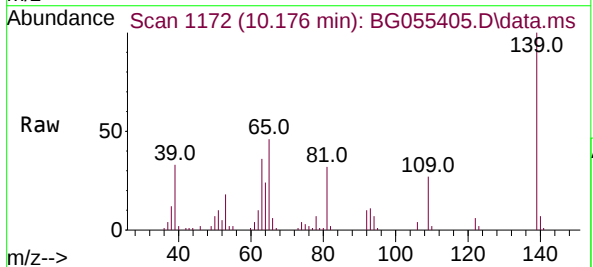
Manual Integrations
APPROVED

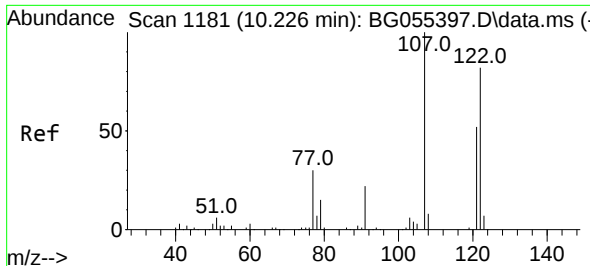
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#26
2-Nitrophenol
Concen: 45.077 ng
RT: 10.176 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

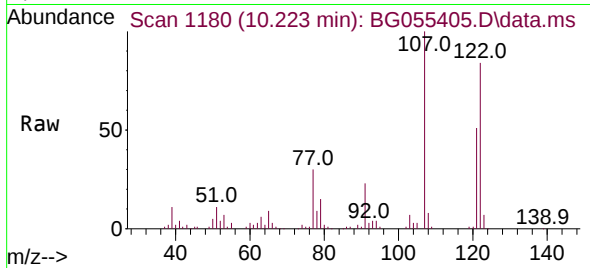
Tgt Ion:139 Resp: 50161
Ion Ratio Lower Upper
139 100
109 27.5 22.9 34.3
65 46.3 38.7 58.1





#27
2,4-Dimethylphenol
Concen: 53.726 ng
RT: 10.223 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

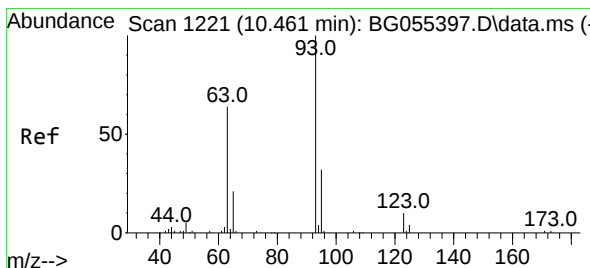
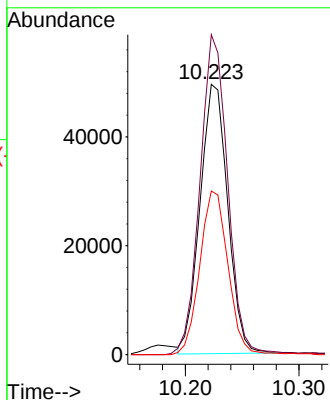
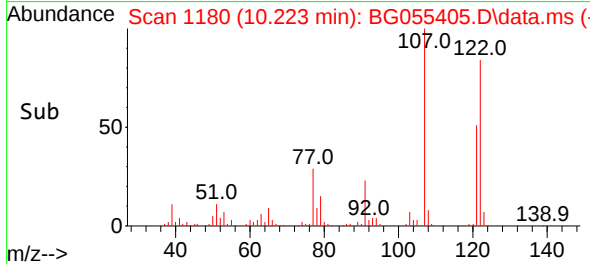
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:122 Resp: 83828
Ion Ratio Lower Upper
122 100
107 118.4 95.4 143.2
121 60.6 49.5 74.3

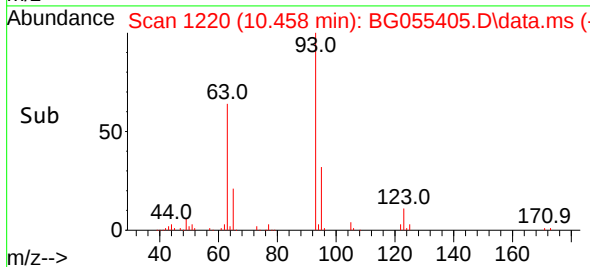
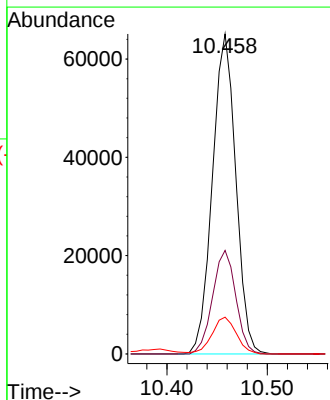
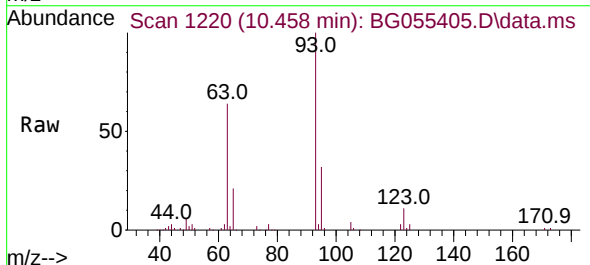
Manual Integrations
APPROVED

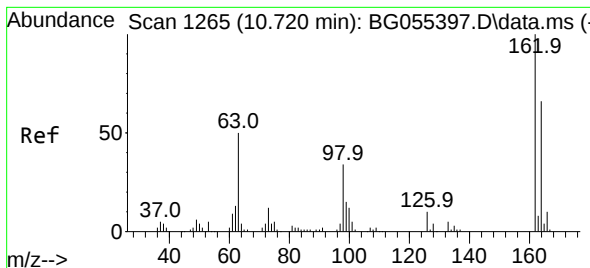
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.177 ng
RT: 10.458 min Scan# 1220
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion: 93 Resp: 105340
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.331 ng

RT: 10.716 min Scan# 1264

Delta R.T. -0.004 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

Tgt Ion:162 Resp: 91988

Ion Ratio Lower Upper

162 100

164 65.1 46.1 86.1

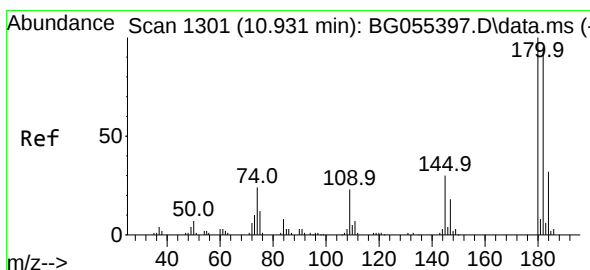
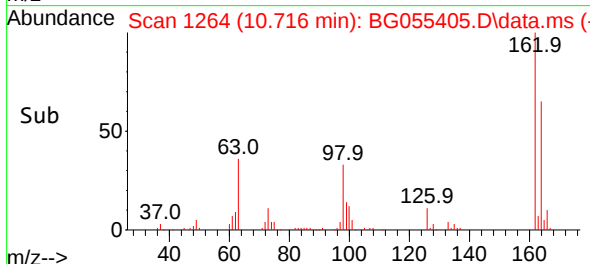
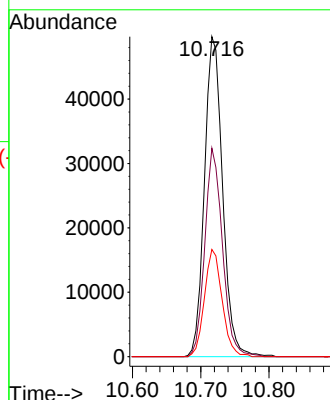
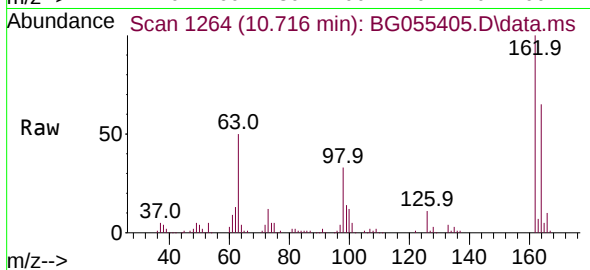
98 33.5 13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.179 ng

RT: 10.934 min Scan# 1301

Delta R.T. 0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

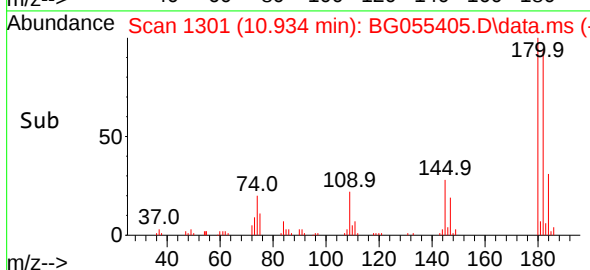
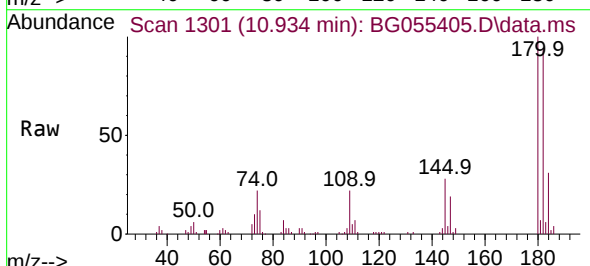
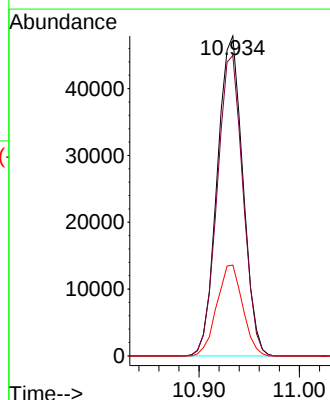
Tgt Ion:180 Resp: 84870

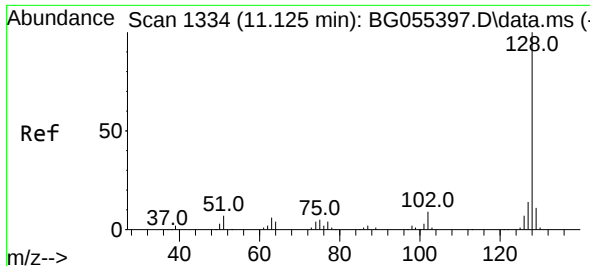
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

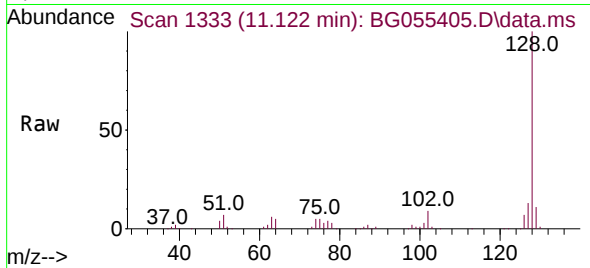
145 28.4 23.9 35.9





#31
Naphthalene
Concen: 41.764 ng
RT: 11.122 min Scan# 1334
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

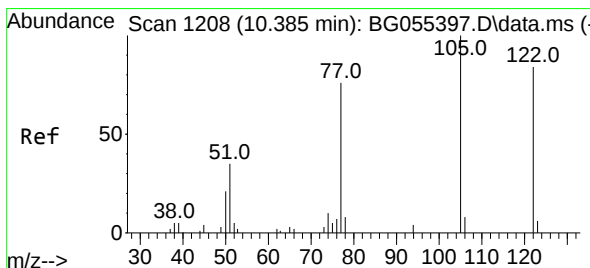
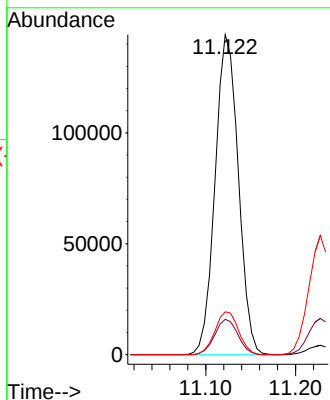
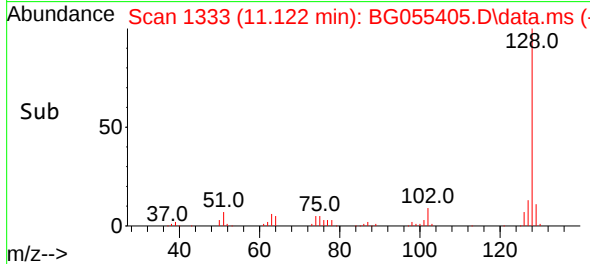
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



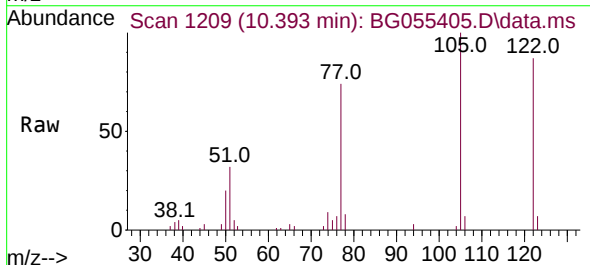
Tgt Ion:128 Resp: 259764
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.8 16.2

Manual Integrations
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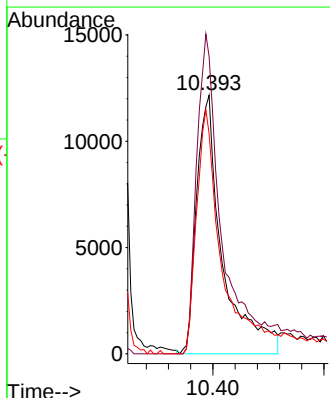
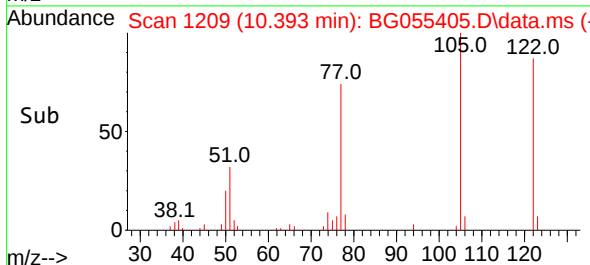
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

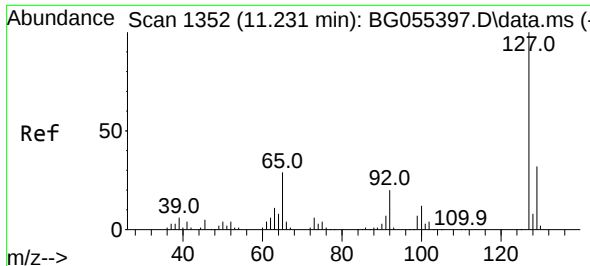


#32
Benzoic acid
Concen: 42.903 ng m
RT: 10.393 min Scan# 1209
Delta R.T. 0.008 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



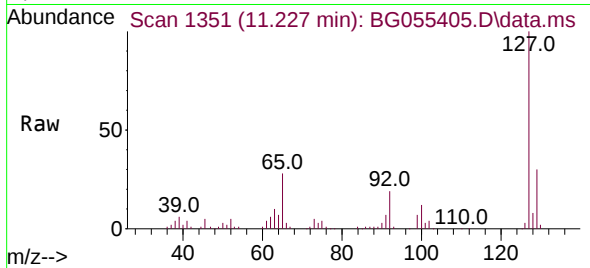
Tgt Ion:122 Resp: 39403
Ion Ratio Lower Upper
122 100
105 115.0 97.4 137.4
77 85.1 69.5 109.5





#33
4-Chloroaniline
Concen: 37.810 ng
RT: 11.227 min Scan# 1351
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

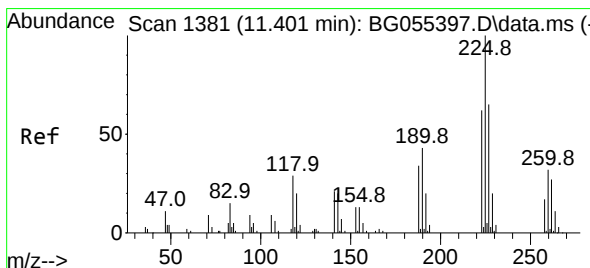
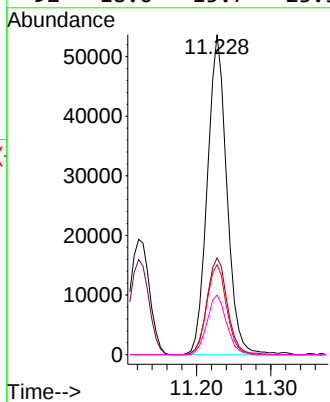
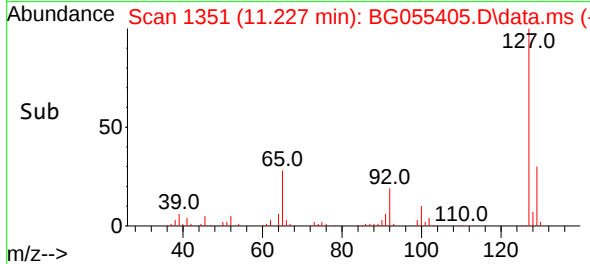
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



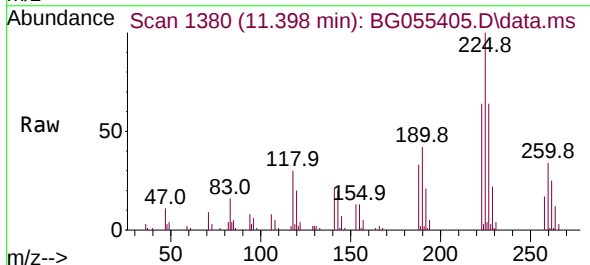
Tgt Ion:127 Resp: 97716
Ion Ratio Lower Upper
127 100
129 30.2 25.3 37.9
65 28.1 23.0 34.4
92 18.6 15.7 23.5

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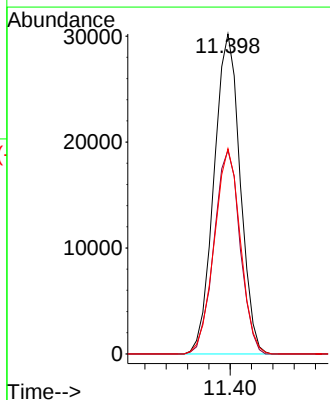
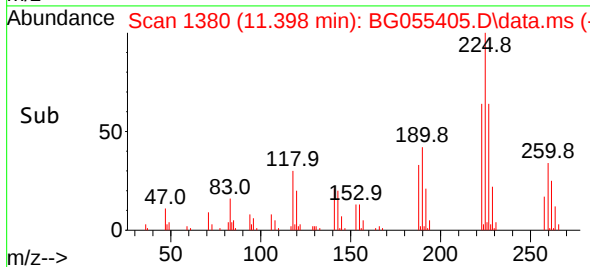
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

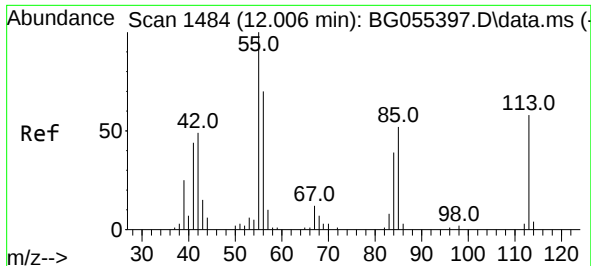


#34
Hexachlorobutadiene
Concen: 40.109 ng
RT: 11.398 min Scan# 1380
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



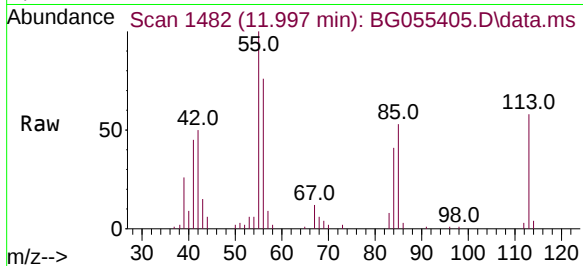
Tgt Ion:225 Resp: 51384
Ion Ratio Lower Upper
225 100
223 63.6 49.9 74.9
227 64.1 51.9 77.9





#35
Caprolactam
Concen: 49.188 ng m
RT: 11.997 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

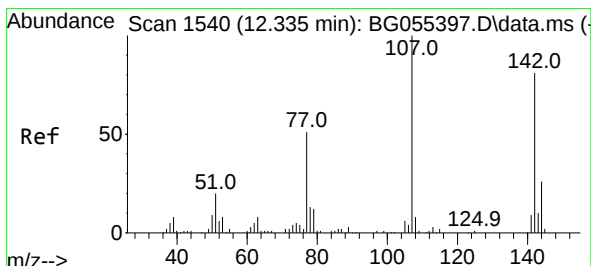
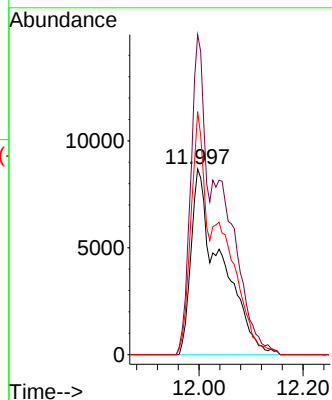
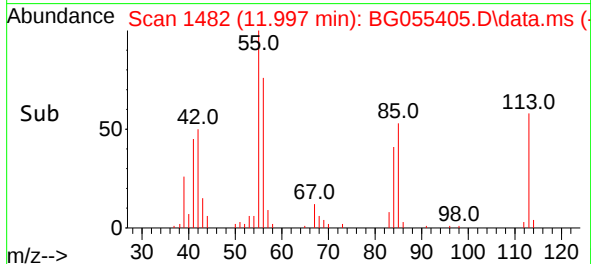
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



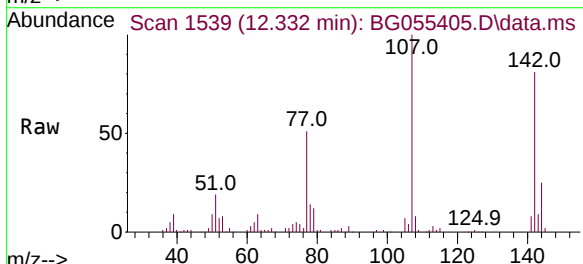
Tgt Ion:113 Resp: 3466
Ion Ratio Lower Upper
113 100
55 172.3 152.6 192.6
56 130.8 100.5 140.5

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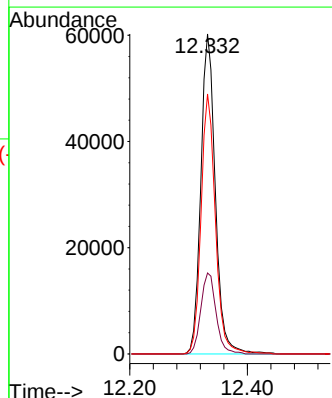
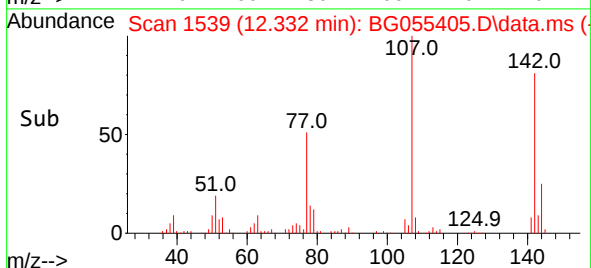
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

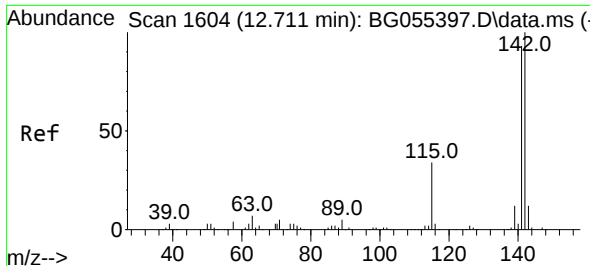


#36
4-Chloro-3-methylphenol
Concen: 49.469 ng
RT: 12.332 min Scan# 1539
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



Tgt Ion:107 Resp: 103093
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 81.2 64.7 97.1





#37

2-Methylnaphthalene

Concen: 43.239 ng

RT: 12.708 min Scan# 1603

Delta R.T. -0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

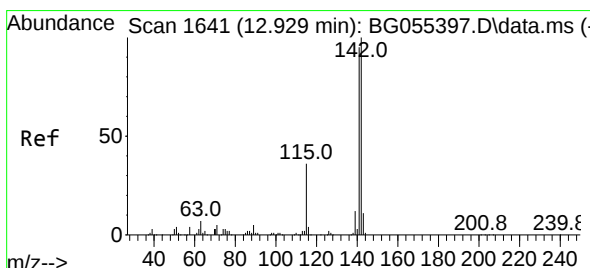
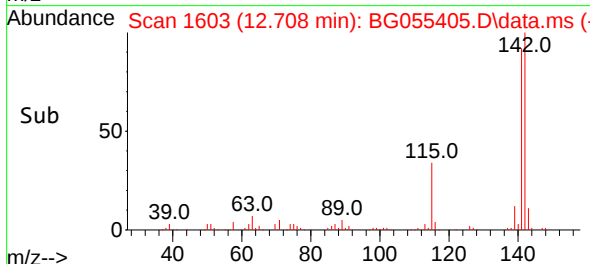
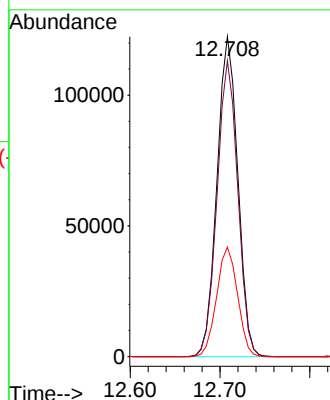
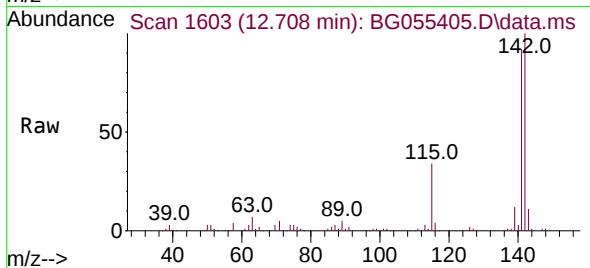
PB148503BSD

Tgt Ion:142	Resp: 197542
Ion Ratio	Lower Upper
142	100
141	92.5 74.5 111.7
115	34.2 27.4 41.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#38

1-Methylnaphthalene

Concen: 42.495 ng

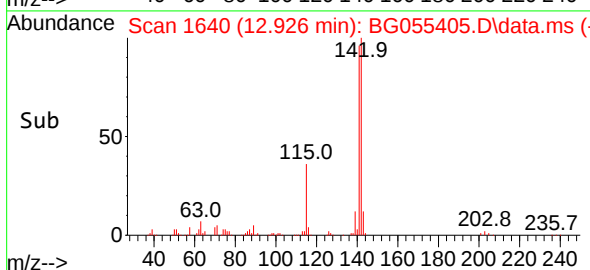
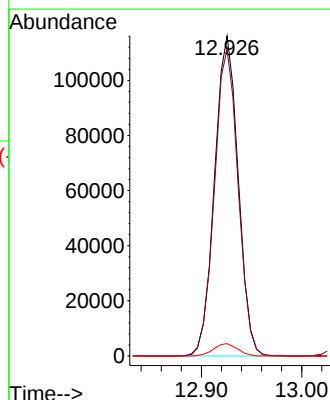
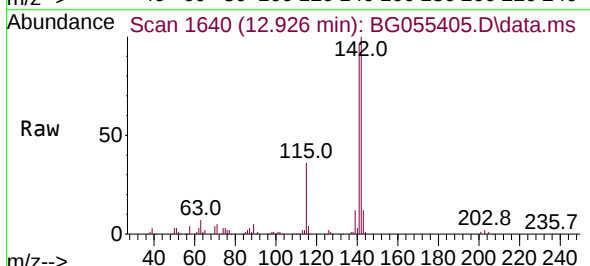
RT: 12.926 min Scan# 1640

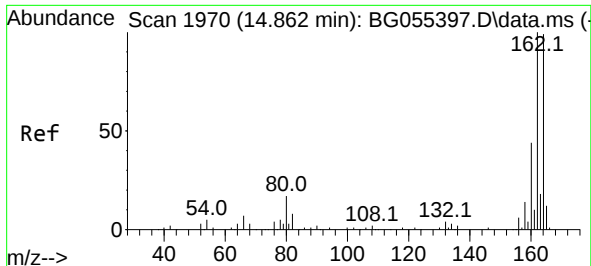
Delta R.T. -0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Tgt Ion:142	Resp: 189358
Ion Ratio	Lower Upper
142	100
141	95.8 76.1 114.1
116	3.8 3.0 4.4





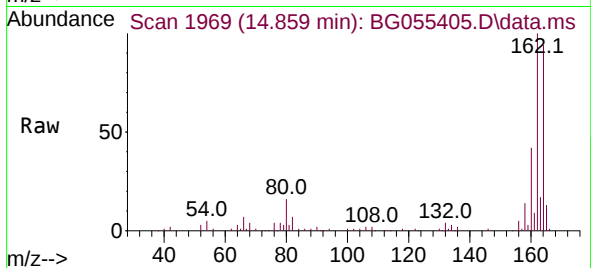
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.859 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

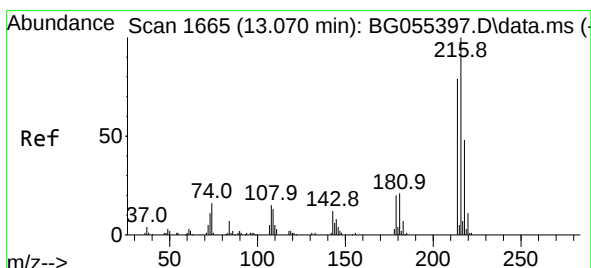
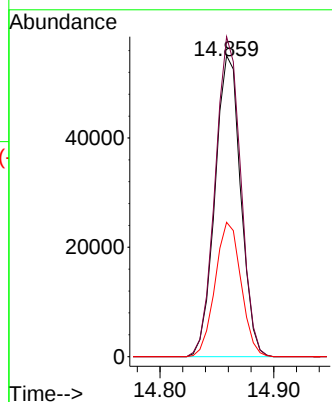
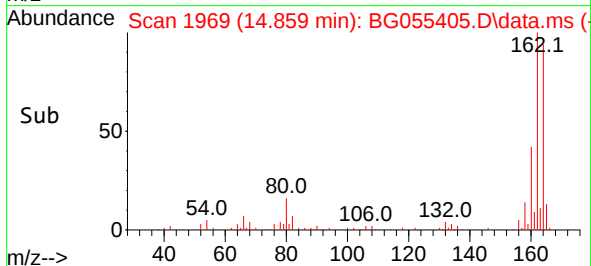


Tgt Ion:164 Resp: 86497
Ion Ratio Lower Upper
164 100
162 106.3 81.1 121.7
160 44.6 35.8 53.6

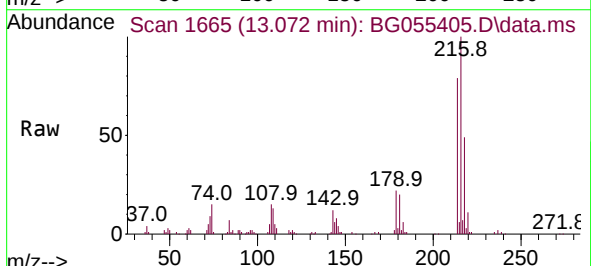
Manual Integrations

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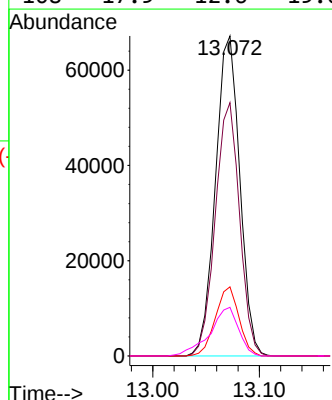
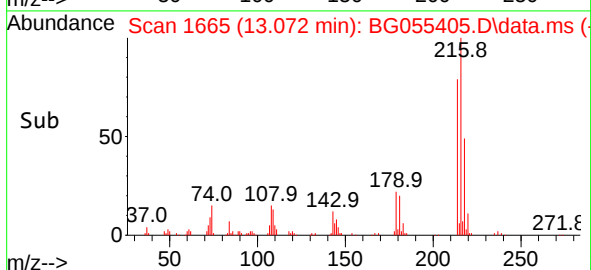
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

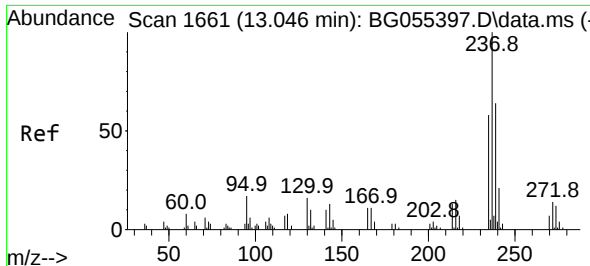


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.765 ng
RT: 13.072 min Scan# 1665
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



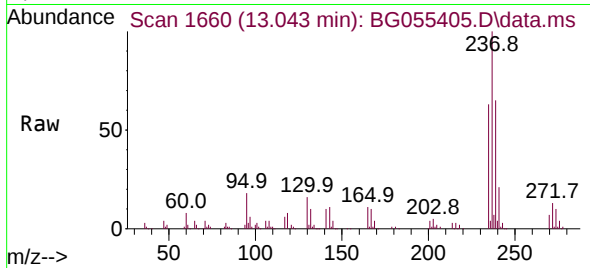
Tgt Ion:216 Resp: 106716
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 20.9 16.6 24.8
108 17.9 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 93.909 ng
RT: 13.043 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

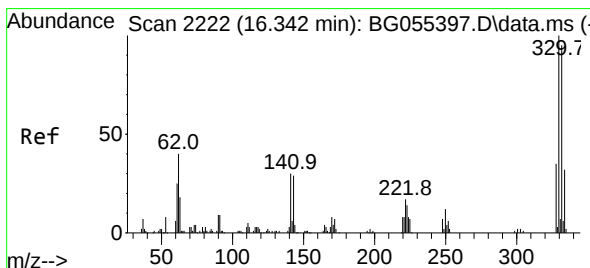
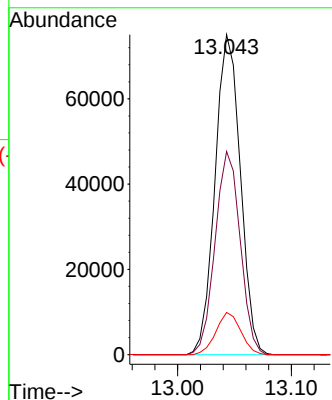
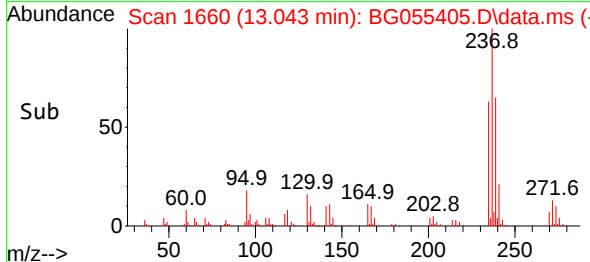
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



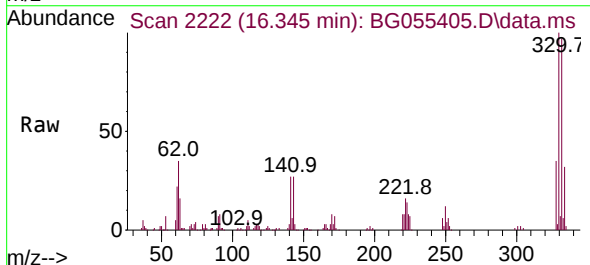
Tgt Ion:237 Resp: 116009
Ion Ratio Lower Upper
237 100
235 63.5 38.1 78.1
272 13.2 0.0 33.7

Manual Integrations
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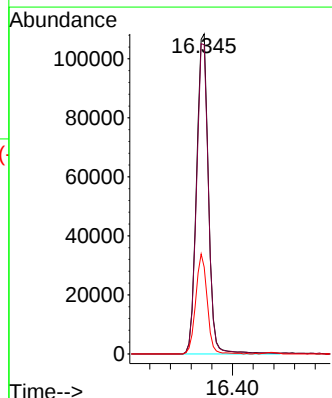
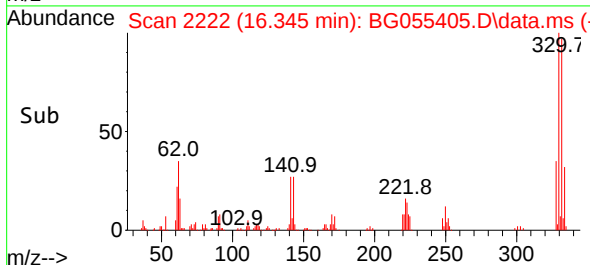
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

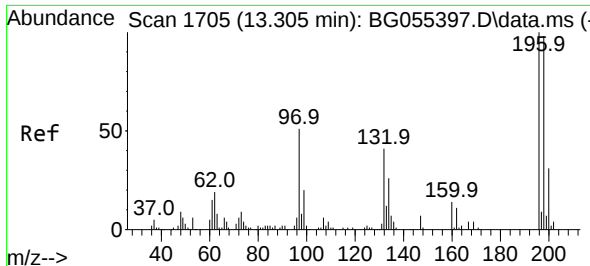


#42
2,4,6-Tribromophenol
Concen: 146.110 ng
RT: 16.345 min Scan# 2222
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



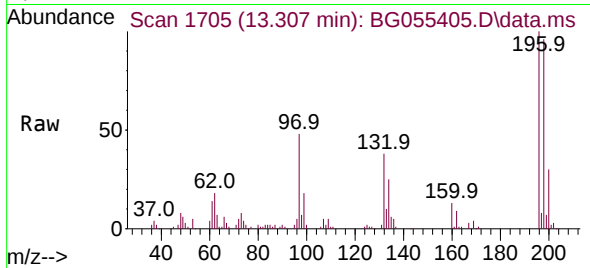
Tgt Ion:330 Resp: 172386
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 30.0 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 44.281 ng
RT: 13.307 min Scan# 1705
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

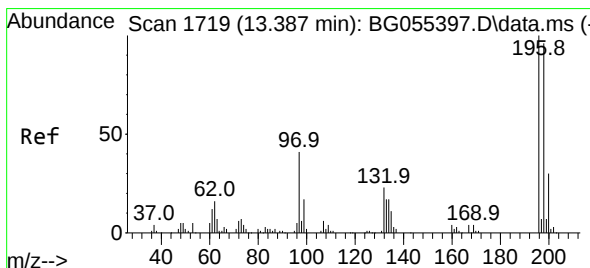
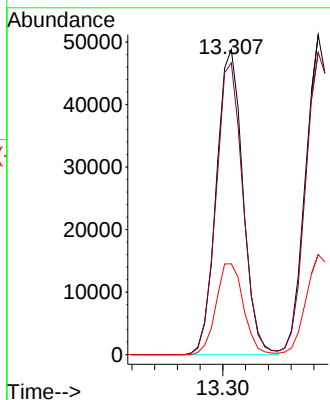
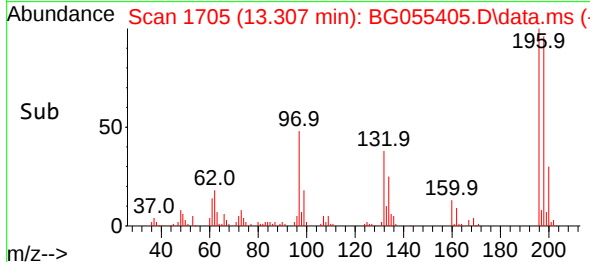
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



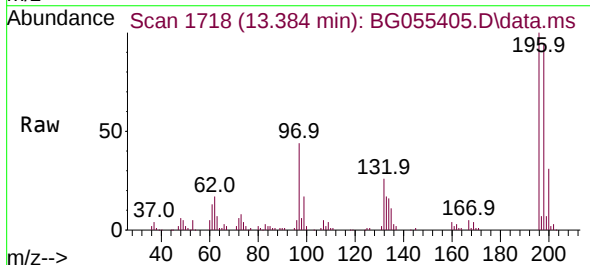
Tgt Ion:196 Resp: 78791
Ion Ratio Lower Upper
196 100
198 95.5 78.8 118.2
200 29.7 25.0 37.6

Manual Integrations
APPROVED

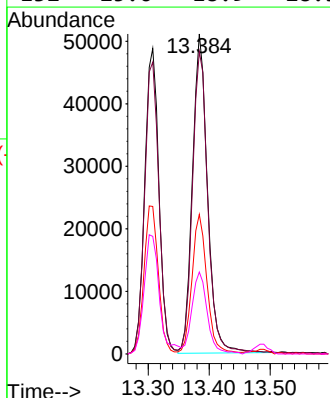
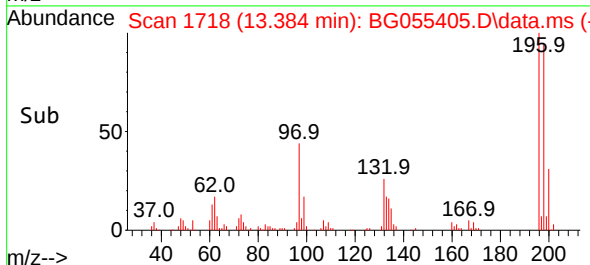
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

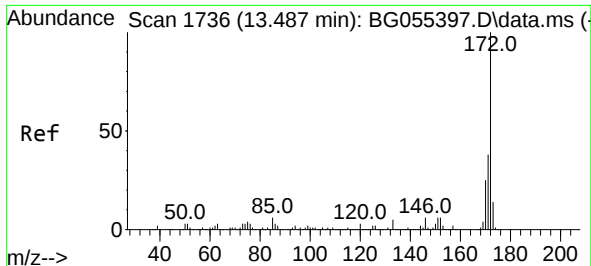


#44
2,4,5-Trichlorophenol
Concen: 44.270 ng
RT: 13.384 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



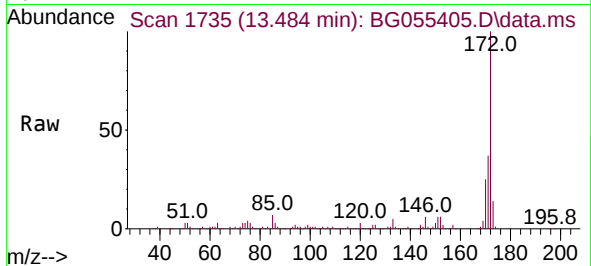
Tgt Ion:196 Resp: 87740
Ion Ratio Lower Upper
196 100
198 94.4 76.9 115.3
97 43.6 33.1 49.7
132 25.6 18.9 28.3





#45
2-Fluorobiphenyl
Concen: 80.937 ng
RT: 13.484 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

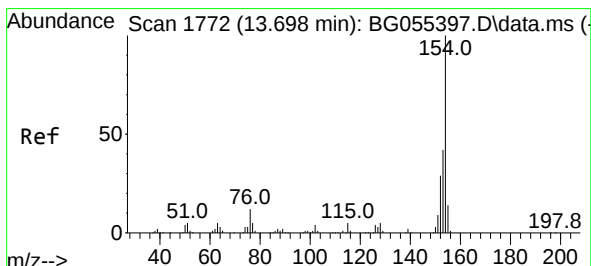
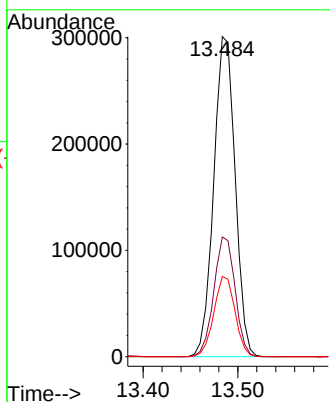
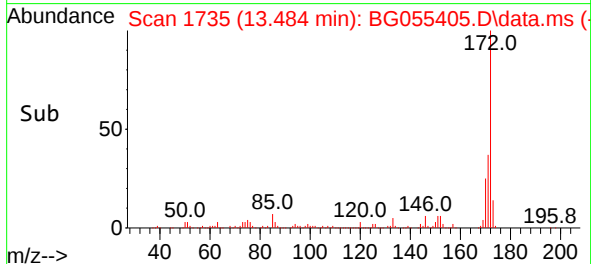
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



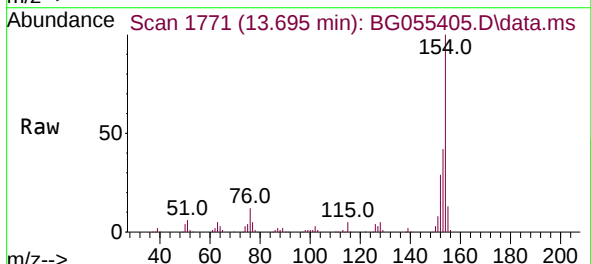
Tgt Ion:172 Resp: 472178
Ion Ratio Lower Upper
172 100
171 37.4 30.2 45.2
170 25.1 20.2 30.2

Manual Integrations
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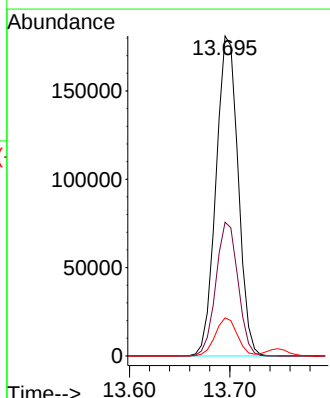
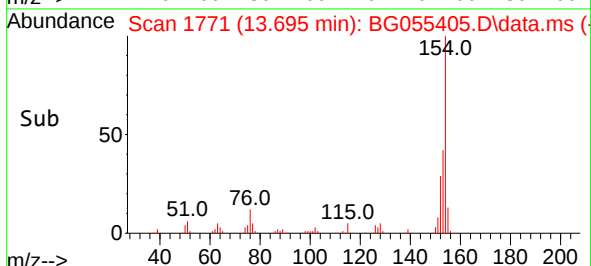
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

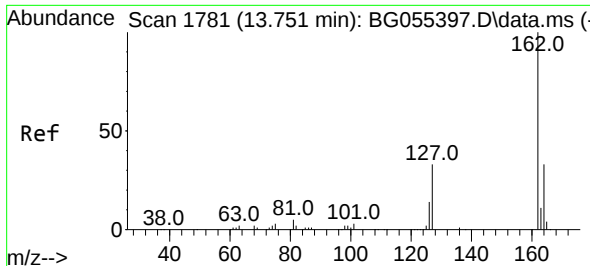


#46
1,1'-Biphenyl
Concen: 43.629 ng
RT: 13.695 min Scan# 1771
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



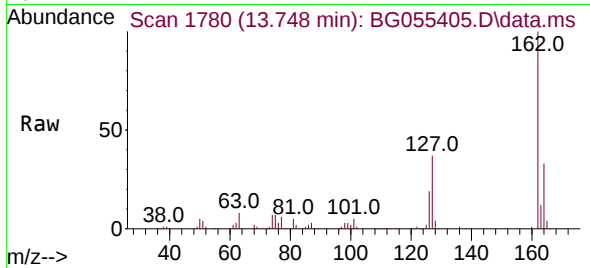
Tgt Ion:154 Resp: 277685
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 11.9 0.0 32.0





#47
2-Chloronaphthalene
Concen: 42.062 ng
RT: 13.748 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

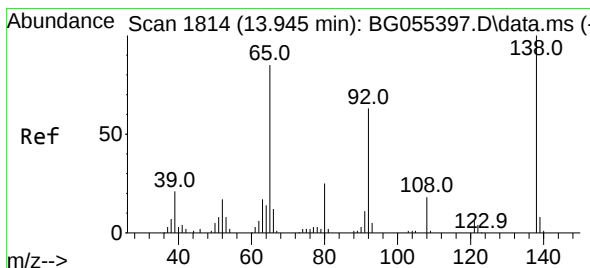
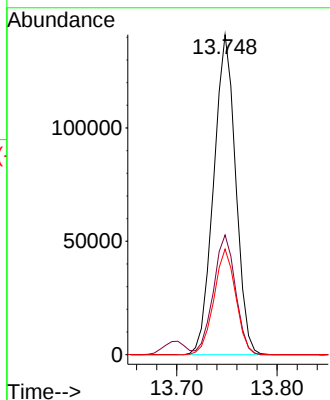
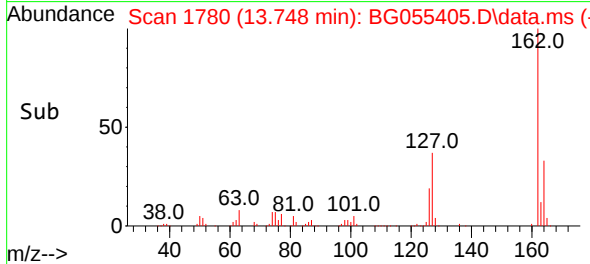
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:162 Resp: 215117
Ion Ratio Lower Upper
162 100
127 37.4 29.8 44.8
164 33.0 26.4 39.6

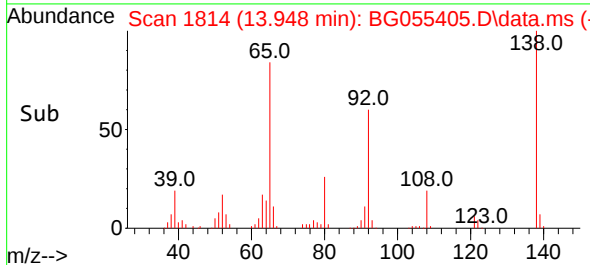
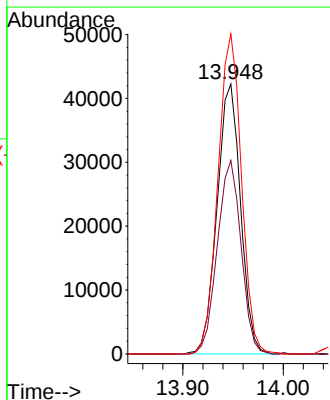
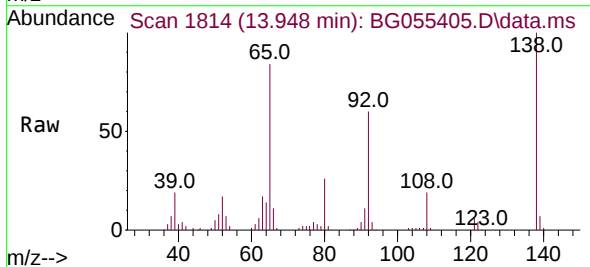
Manual Integrations
APPROVED

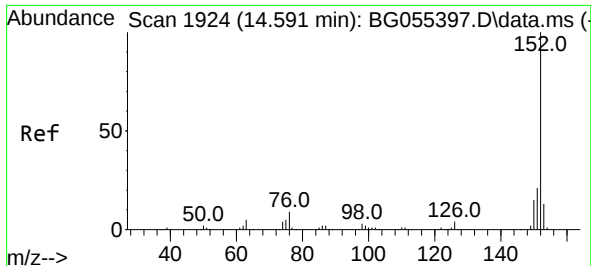
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#48
2-Nitroaniline
Concen: 43.790 ng
RT: 13.948 min Scan# 1814
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

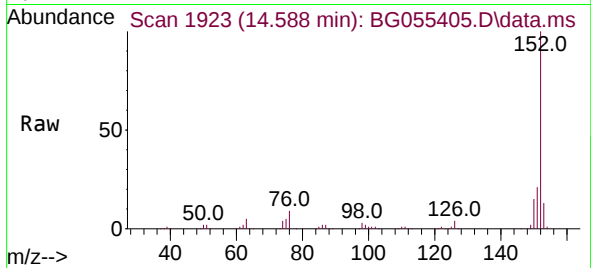
Tgt Ion: 65 Resp: 68787
Ion Ratio Lower Upper
65 100
92 71.7 59.4 89.0
138 118.6 93.8 140.8





#49
Acenaphthylene
Concen: 42.518 ng
RT: 14.588 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

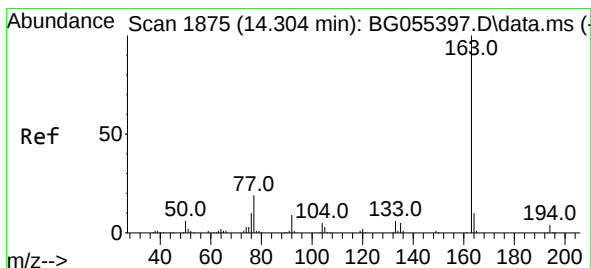
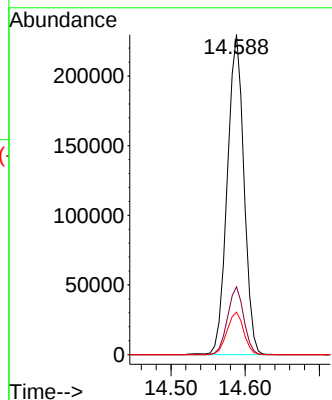
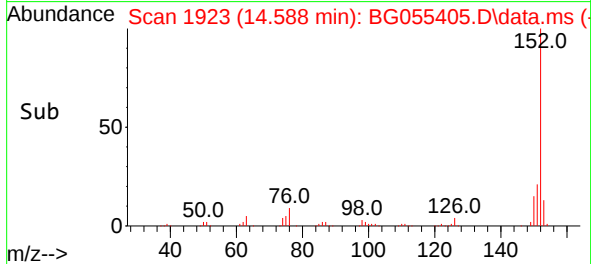
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



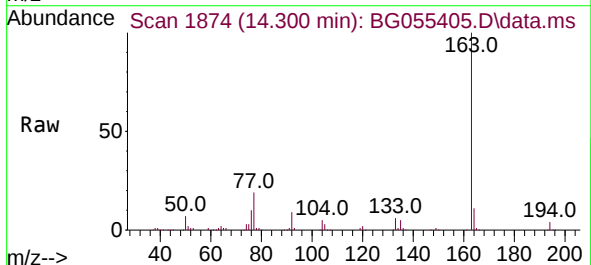
Tgt Ion:152 Resp: 357053
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1
153 13.3 10.7 16.1

Manual Integrations
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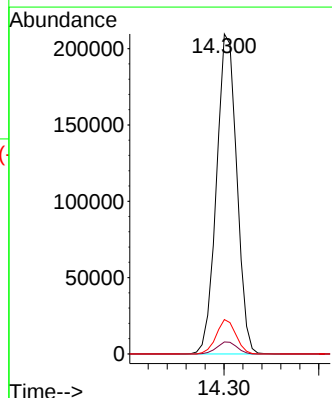
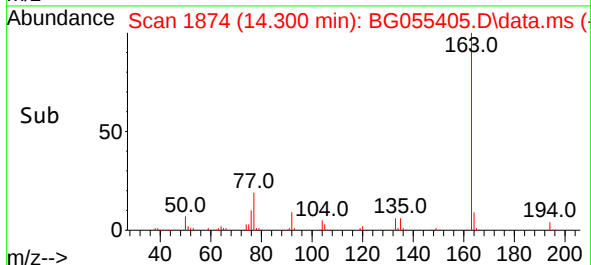
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

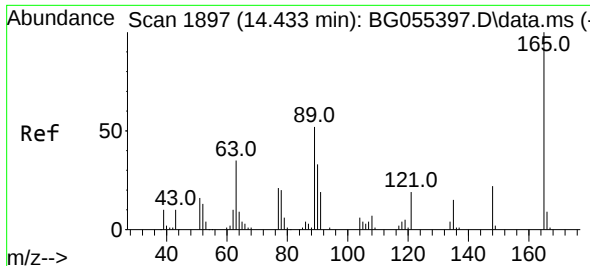


#50
Dimethylphthalate
Concen: 43.069 ng
RT: 14.300 min Scan# 1874
Delta R.T. -0.004 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



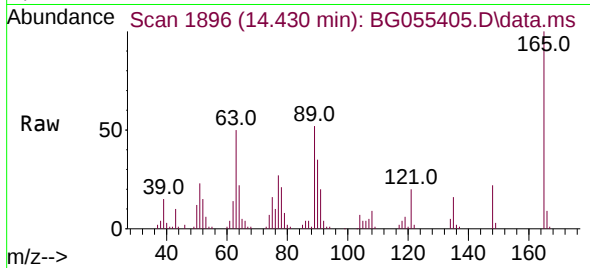
Tgt Ion:163 Resp: 310959
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.537 ng
RT: 14.430 min Scan# 1897
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

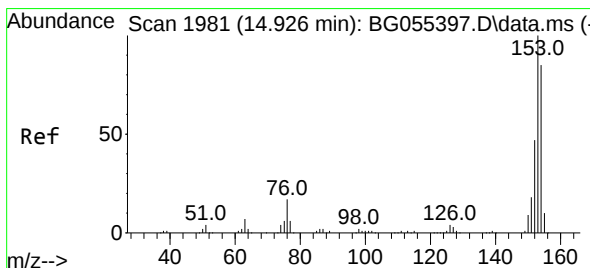
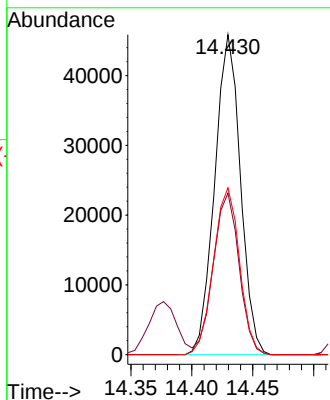
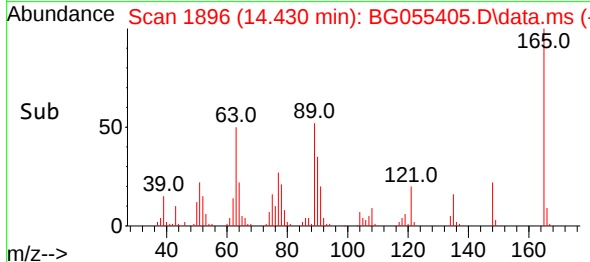
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



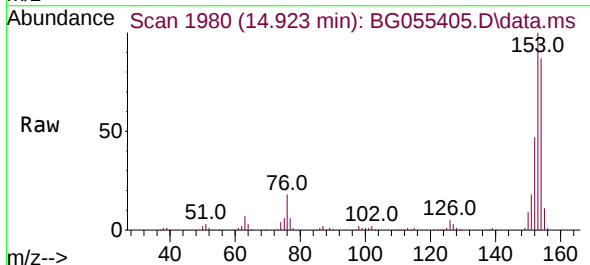
Tgt Ion:165 Resp: 67318
Ion Ratio Lower Upper
165 100
63 50.4 38.2 57.4
89 52.1 41.8 62.6

Manual Integrations
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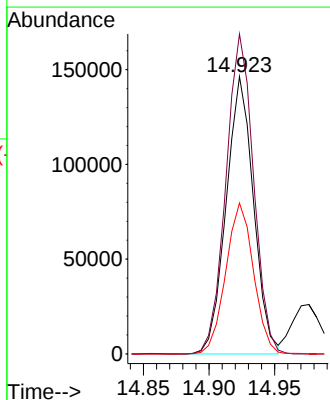
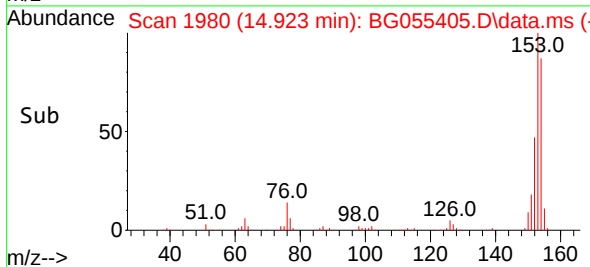
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

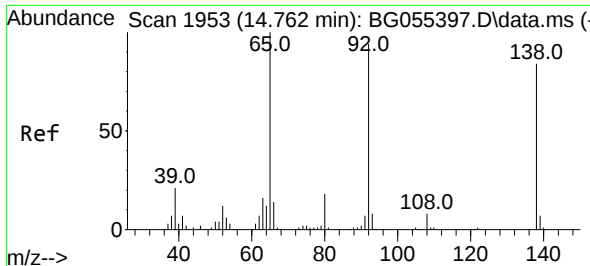


#52
Acenaphthene
Concen: 42.459 ng
RT: 14.923 min Scan# 1980
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



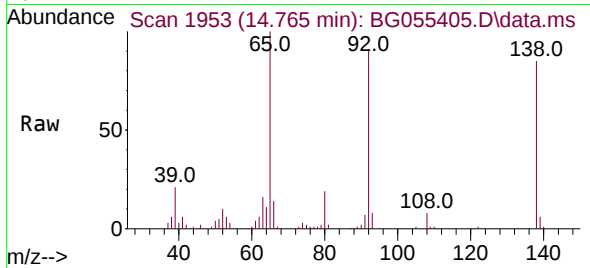
Tgt Ion:154 Resp: 212206
Ion Ratio Lower Upper
154 100
153 115.4 94.6 141.8
152 54.4 44.7 67.1





#53
3-Nitroaniline
Concen: 35.410 ng
RT: 14.765 min Scan# 1953
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

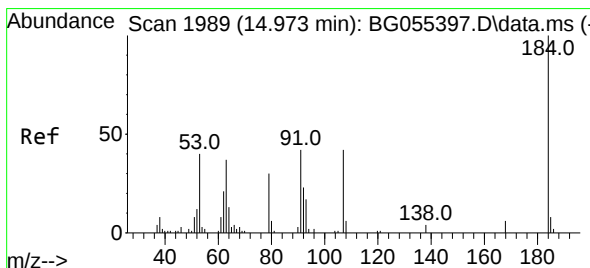
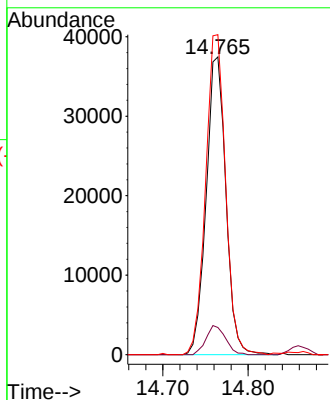
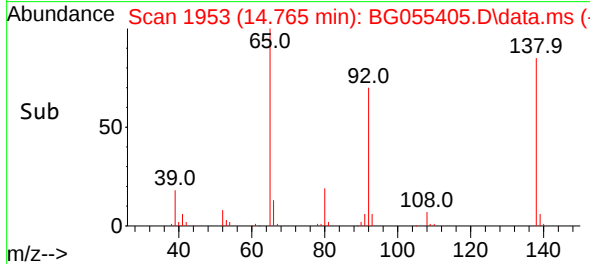
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



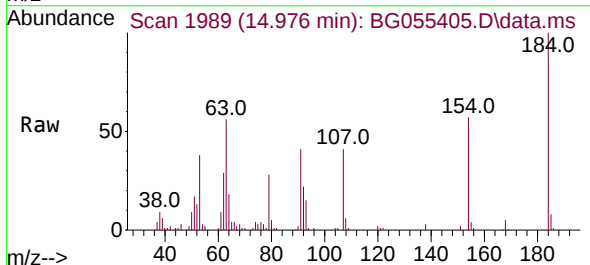
Tgt Ion:138 Resp: 60156
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.0
92 107.5 89.1 133.7

Manual Integrations
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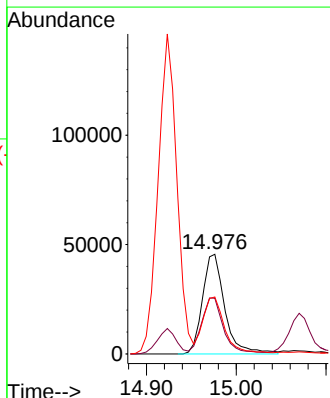
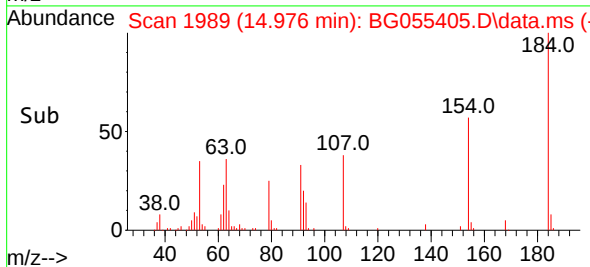
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

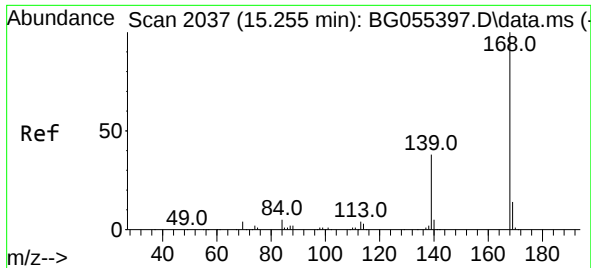


#54
2,4-Dinitrophenol
Concen: 85.655 ng
RT: 14.976 min Scan# 1989
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



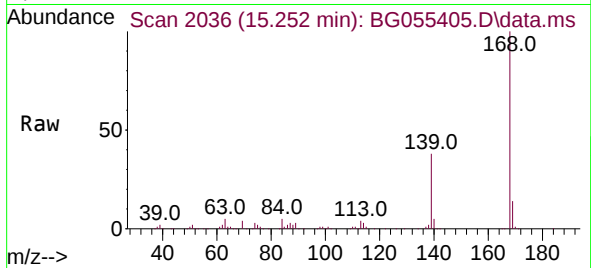
Tgt Ion:184 Resp: 78610
Ion Ratio Lower Upper
184 100
63 55.8 47.4 71.0
154 57.1 47.0 70.6





#55
Dibenzofuran
Concen: 43.002 ng
RT: 15.252 min Scan# 2037
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

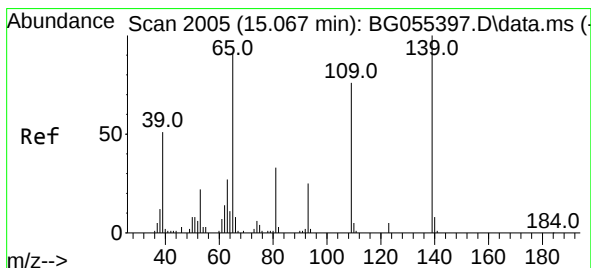
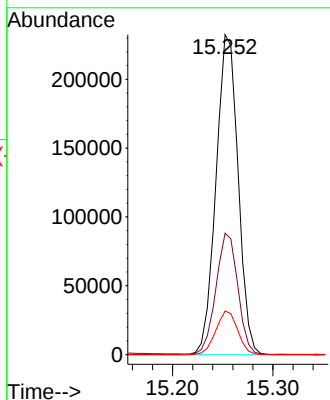
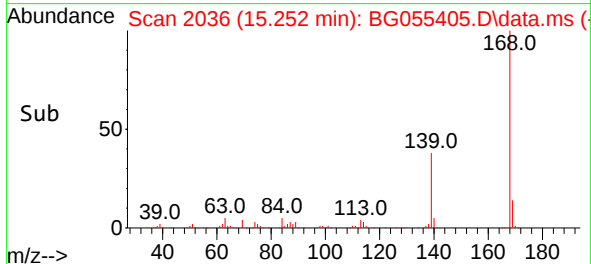
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:168 Resp: 355740
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 13.6 10.8 16.2

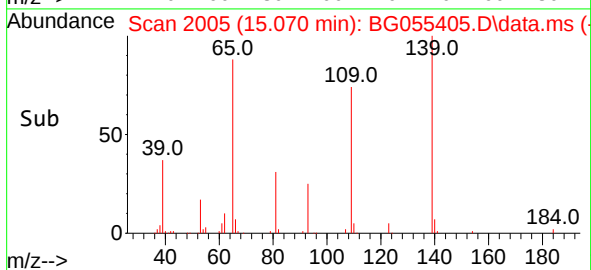
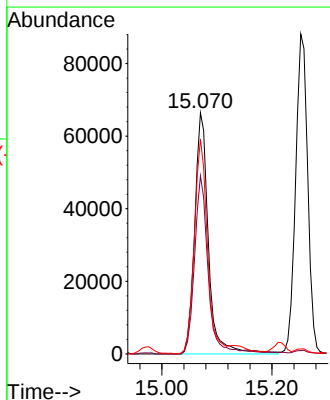
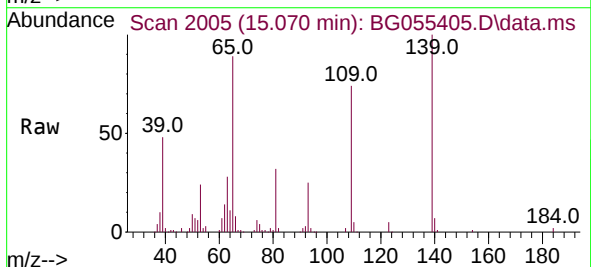
Manual Integrations
APPROVED

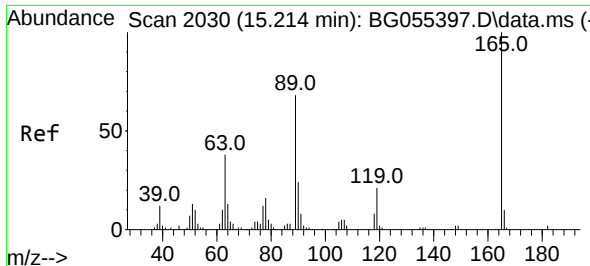
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#56
4-Nitrophenol
Concen: 99.326 ng
RT: 15.070 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion:139 Resp: 115699
Ion Ratio Lower Upper
139 100
109 73.8 56.1 96.1
65 89.2 71.2 111.2





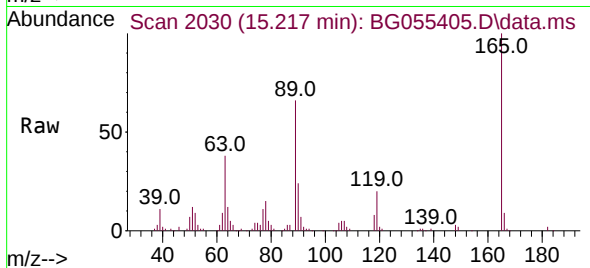
#57
2,4-Dinitrotoluene
Concen: 45.832 ng
RT: 15.217 min Scan# 2030
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

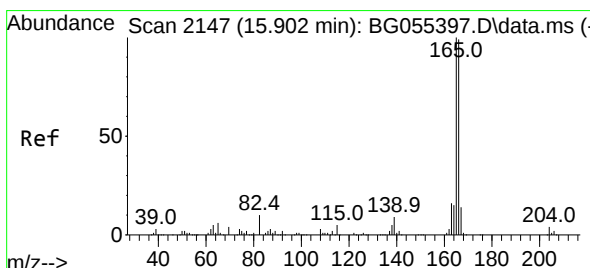
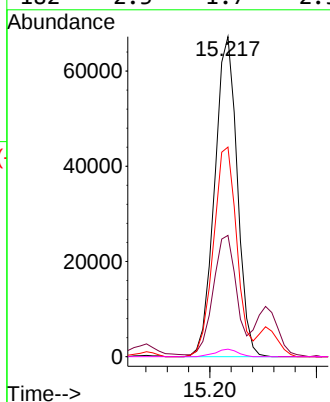
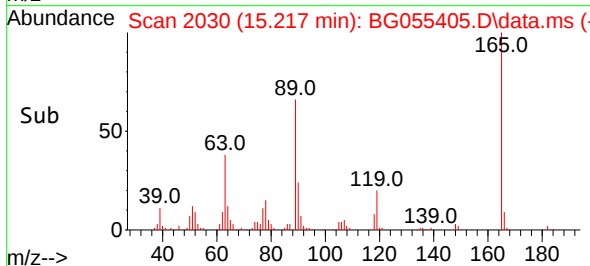


Tgt Ion:165 Resp: 99056
Ion Ratio Lower Upper
165 100
63 37.9 30.8 46.2
89 65.5 54.5 81.7
182 2.3 1.7 2.5

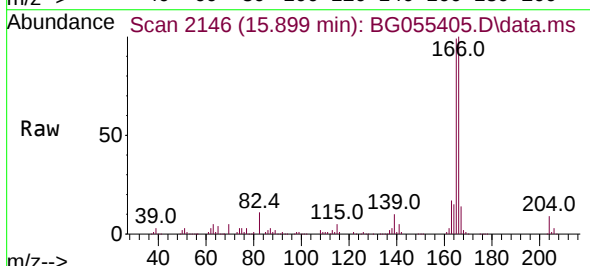
Manual Integrations

APPROVED

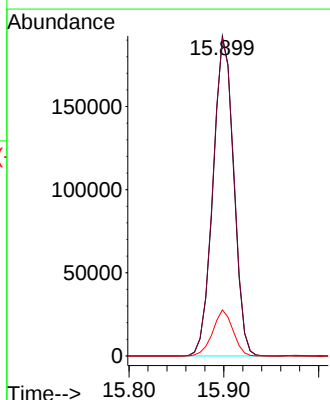
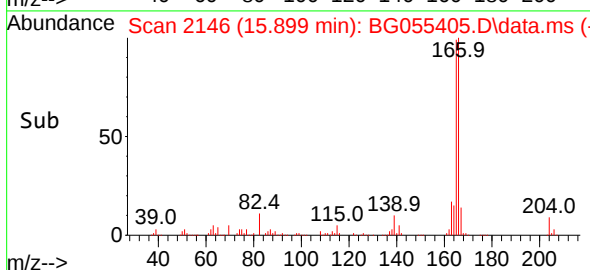
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

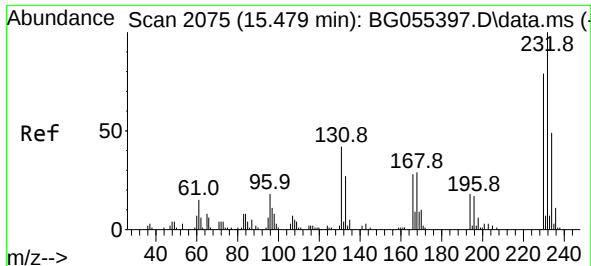


#58
Fluorene
Concen: 43.158 ng
RT: 15.899 min Scan# 2146
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



Tgt Ion:166 Resp: 290037
Ion Ratio Lower Upper
166 100
165 99.1 81.0 121.6
167 14.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.698 ng
RT: 15.475 min Scan# 2075
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

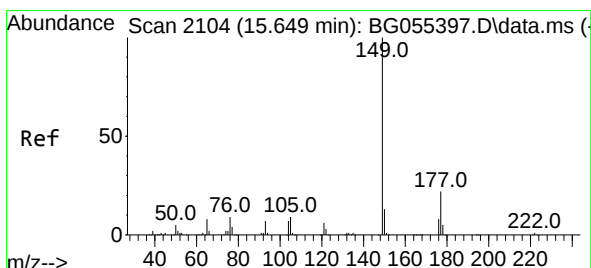
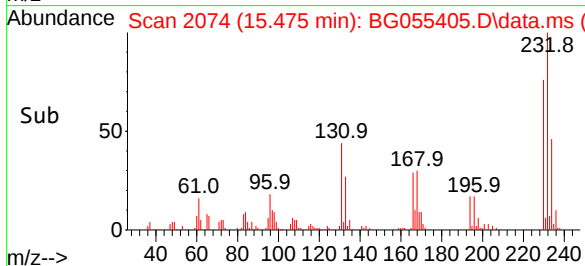
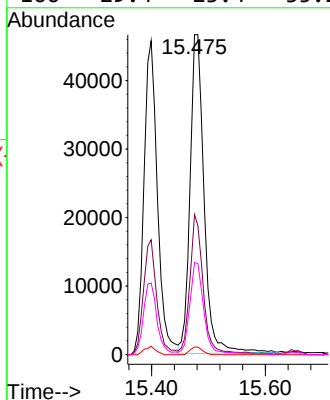
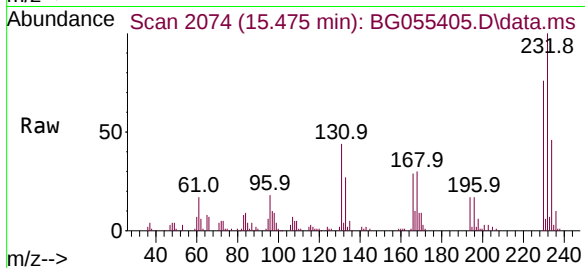
PB148503BSD

Tgt Ion:232 Resp: 79656
Ion Ratio Lower Upper
232 100
131 39.8 33.1 49.7
130 2.1 1.6 2.4
166 29.4 23.4 35.2

Manual Integrations

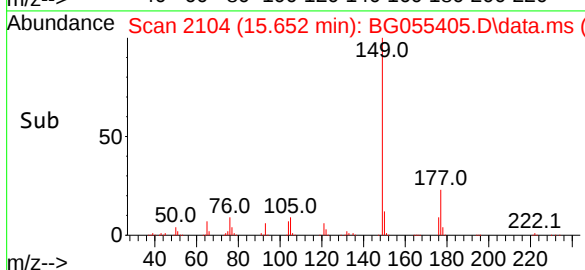
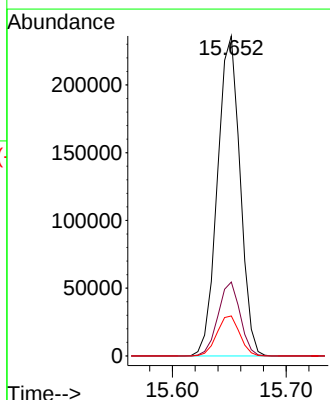
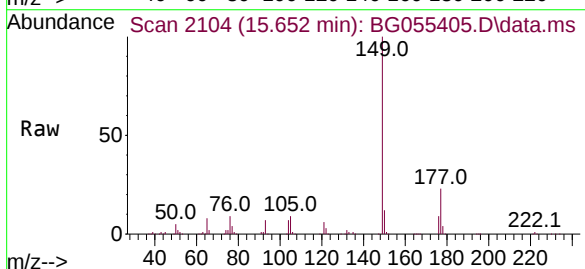
APPROVED

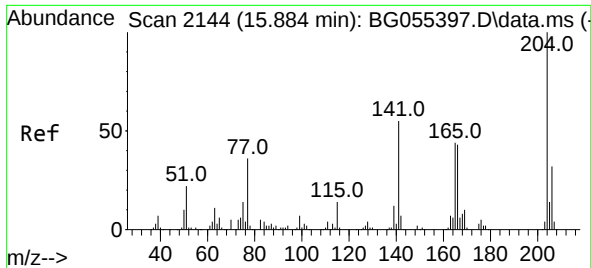
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#60
Diethylphthalate
Concen: 43.346 ng
RT: 15.652 min Scan# 2104
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion:149 Resp: 325232
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 12.5 10.0 15.0





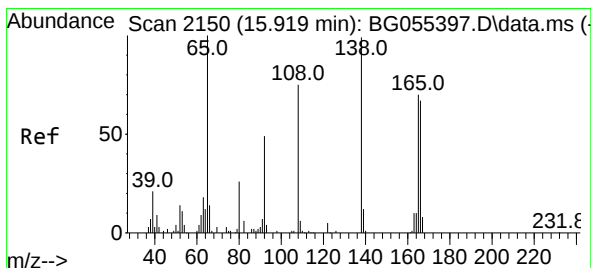
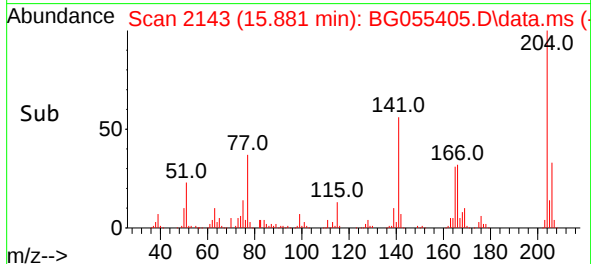
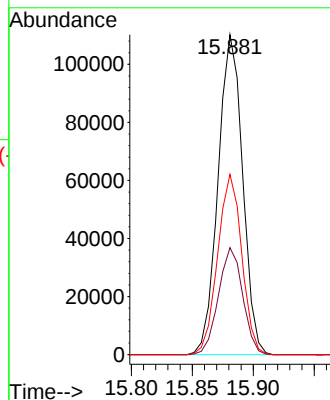
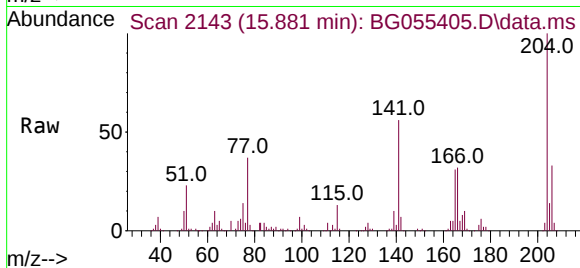
#61
4-Chlorophenyl-phenylether
Concen: 44.344 ng
RT: 15.881 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Tgt Ion:204 Resp: 154072
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 56.3 44.0 66.0

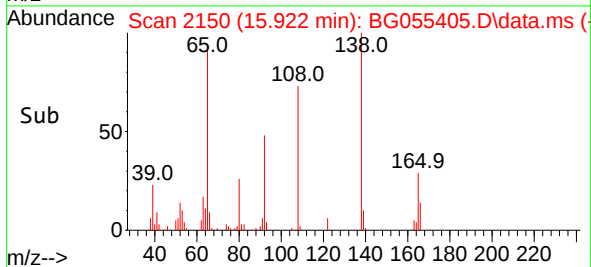
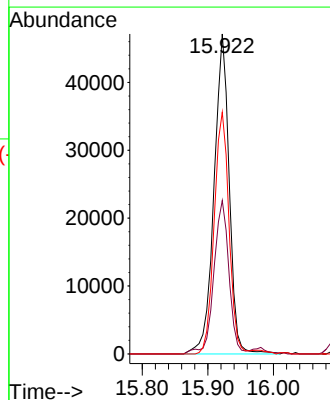
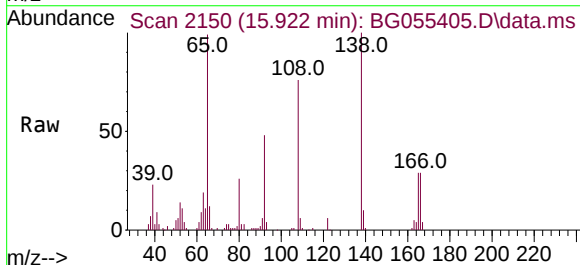
Manual Integrations
APPROVED

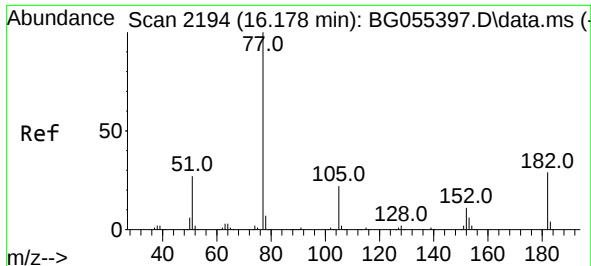
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#62
4-Nitroaniline
Concen: 42.353 ng
RT: 15.922 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

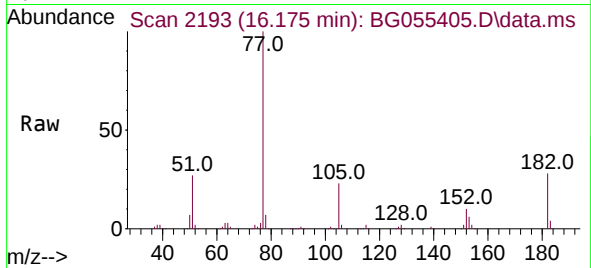
Tgt Ion:138 Resp: 76123
Ion Ratio Lower Upper
138 100
92 47.9 29.2 69.2
108 75.6 55.9 95.9





#63
Azobenzene
Concen: 42.736 ng
RT: 16.175 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

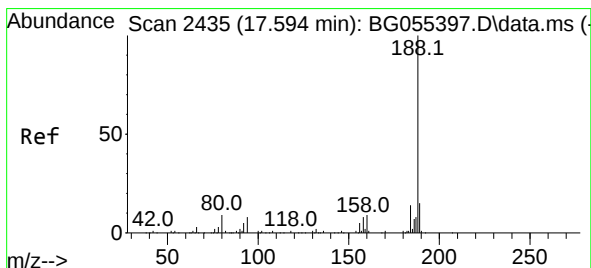
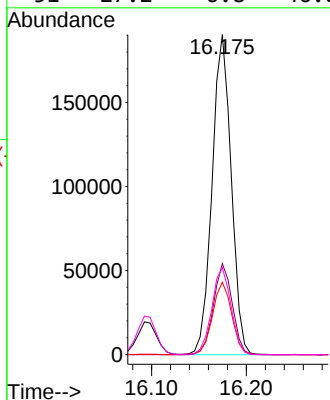
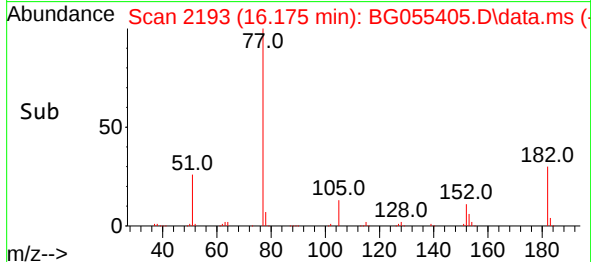
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



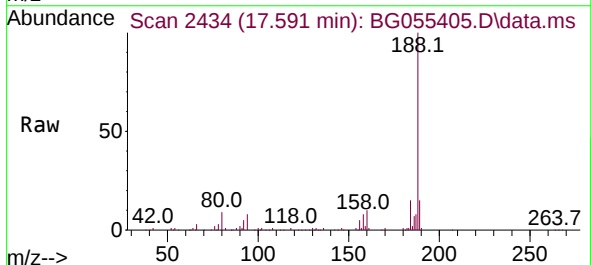
Tgt Ion: 77 Resp: 26655
Ion Ratio Lower Upper
77 100
182 28.4 9.0 49.0
105 22.6 2.2 42.2
51 27.2 6.8 46.8

Manual Integrations
APPROVED

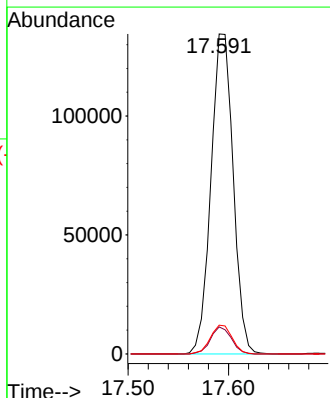
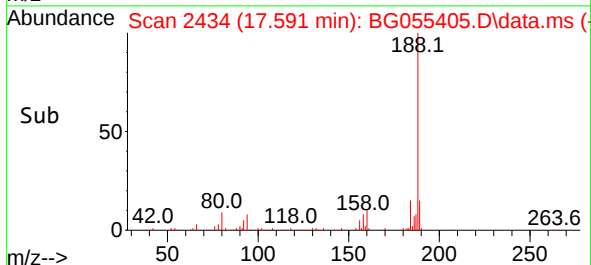
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

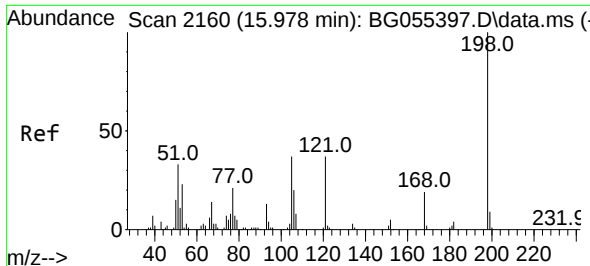


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



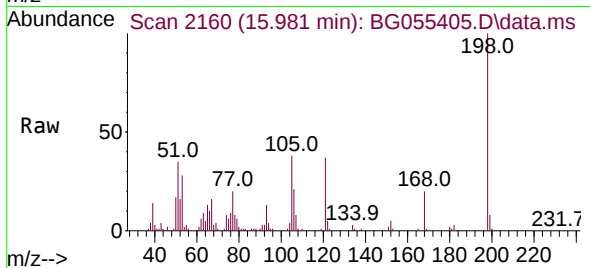
Tgt Ion:188 Resp: 207244
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.0 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.219 ng
RT: 15.981 min Scan# 2160
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

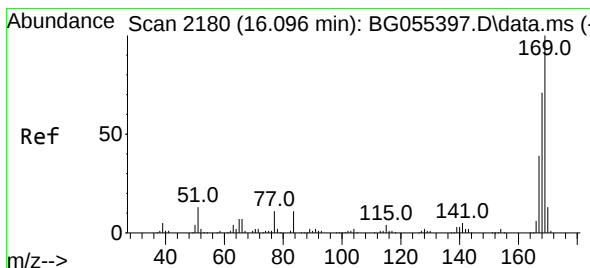
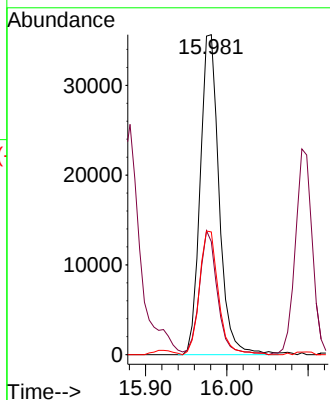
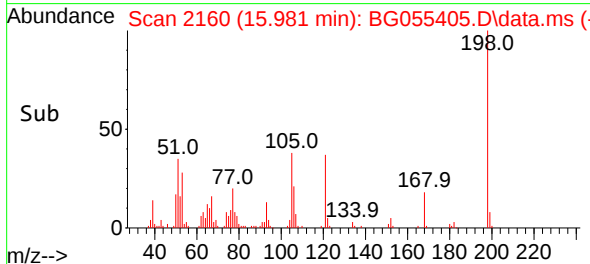
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



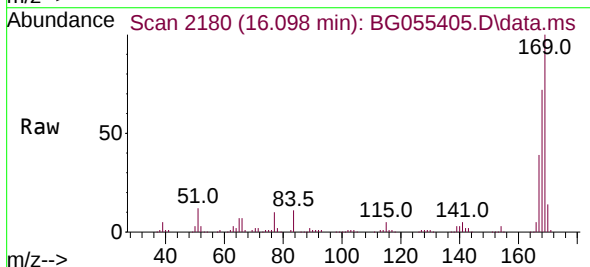
Tgt Ion:198 Resp: 57695
Ion Ratio Lower Upper
198 100
51 35.3 14.8 54.8
105 38.3 17.6 57.6

Manual Integrations
APPROVED

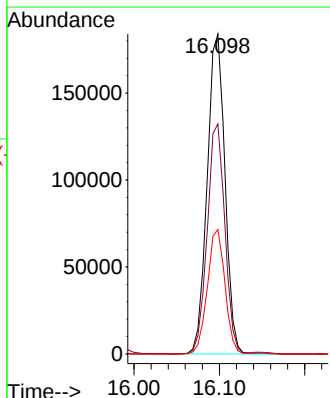
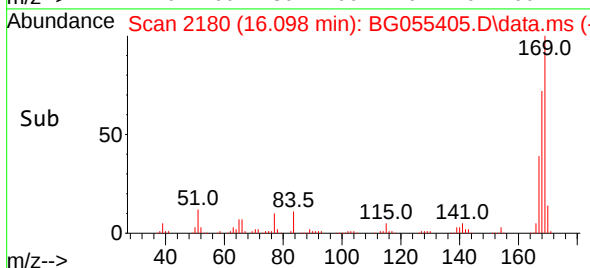
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

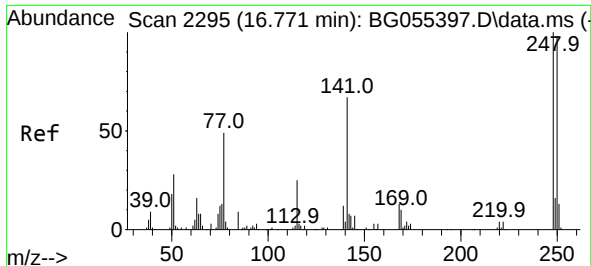


#66
n-Nitrosodiphenylamine
Concen: 43.147 ng
RT: 16.098 min Scan# 2180
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



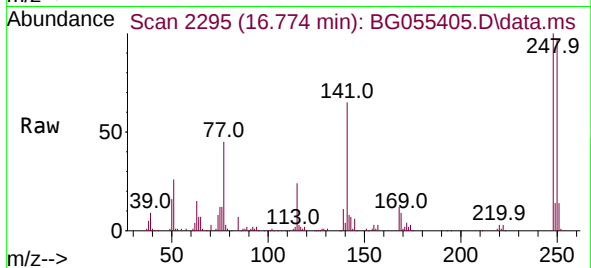
Tgt Ion:169 Resp: 265850
Ion Ratio Lower Upper
169 100
168 71.9 57.0 85.4
167 38.9 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 43.527 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

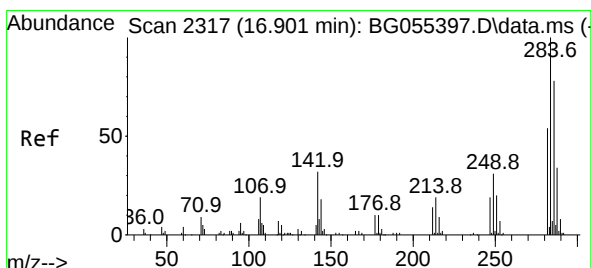
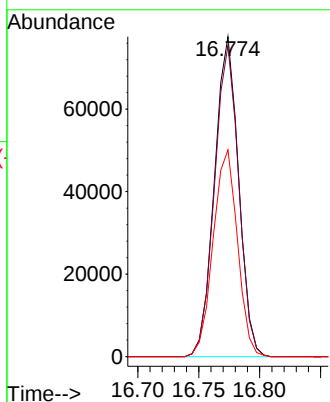
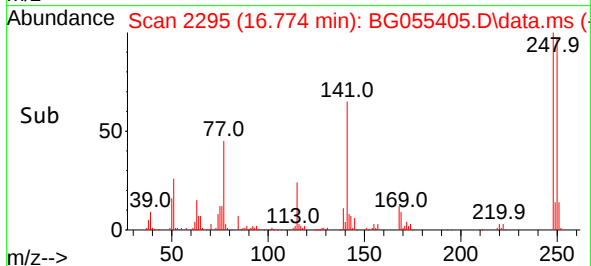
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



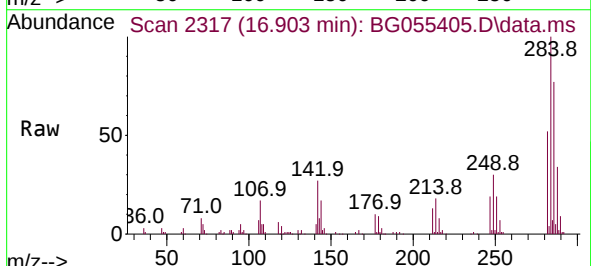
Tgt Ion:248 Resp: 106633
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 64.6 53.7 80.5

Manual Integrations
APPROVED

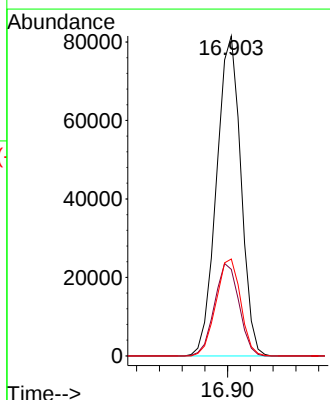
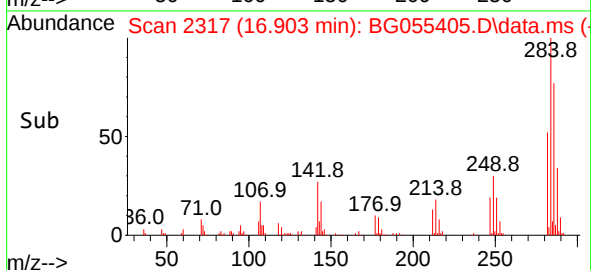
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

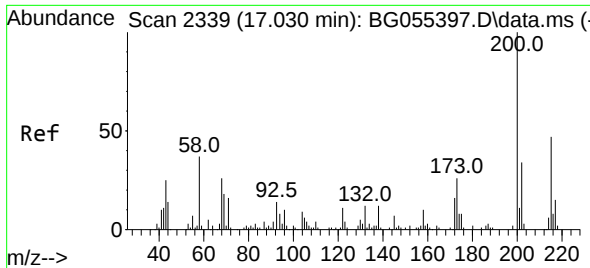


#68
Hexachlorobenzene
Concen: 43.385 ng
RT: 16.903 min Scan# 2317
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



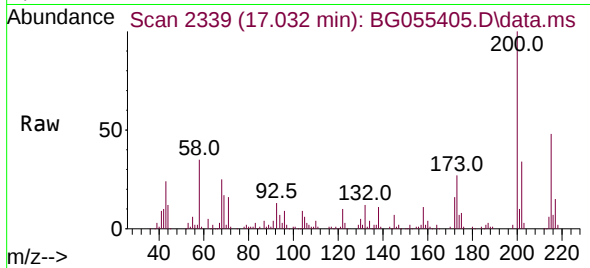
Tgt Ion:284 Resp: 121207
Ion Ratio Lower Upper
284 100
142 27.0 25.4 38.2
249 30.3 24.9 37.3





#69
 Atrazine
 Concen: 53.877 ng
 RT: 17.032 min Scan# 2339
 Delta R.T. 0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

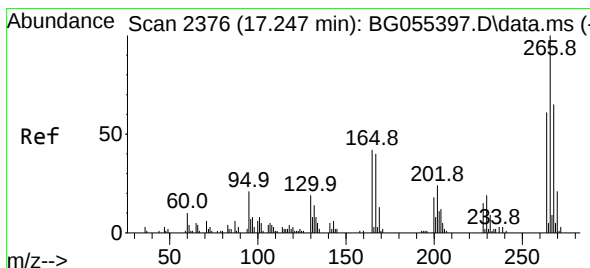
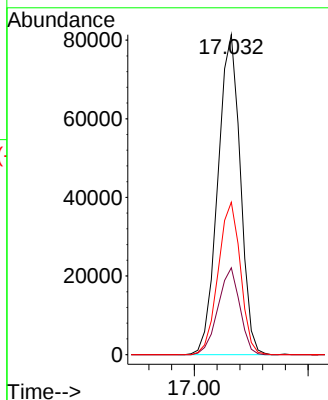
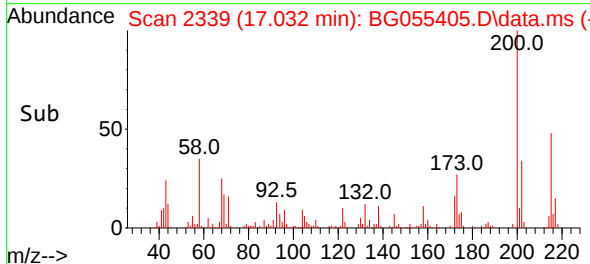
Instrument :
 BNA_G
 ClientSampleId :
 PB148503BSD



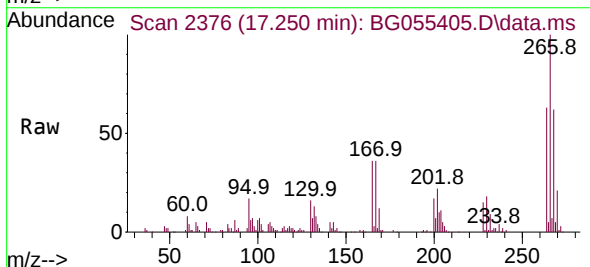
Tgt Ion:200 Resp: 111448
 Ion Ratio Lower Upper
 200 100
 173 27.1 5.8 45.8
 215 47.6 27.4 67.4

Manual Integrations
 APPROVED

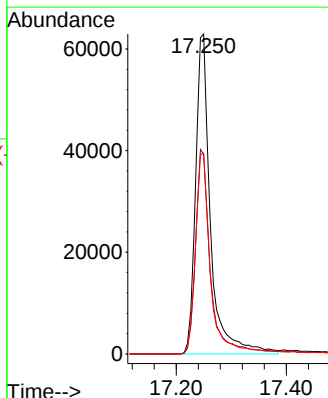
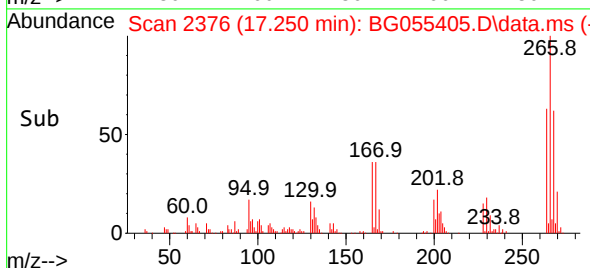
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

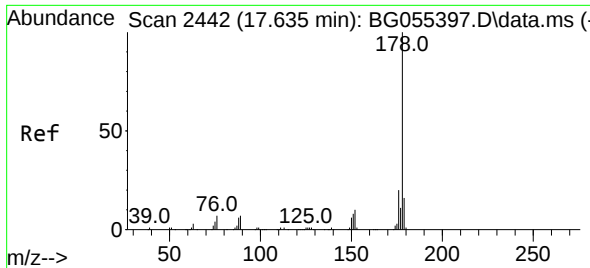


#70
 Pentachlorophenol
 Concen: 81.744 ng
 RT: 17.250 min Scan# 2376
 Delta R.T. 0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23



Tgt Ion:266 Resp: 118504
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.2 78.4
 264 62.7 49.2 73.8





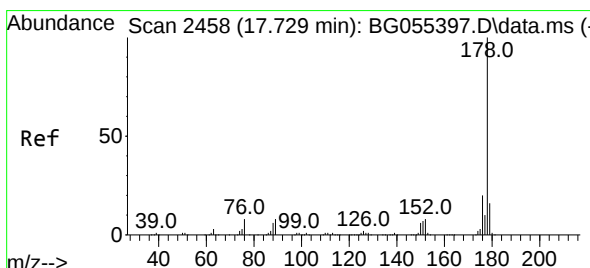
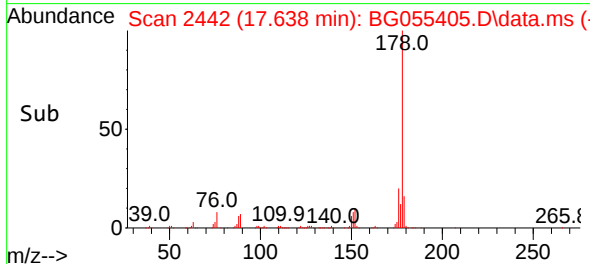
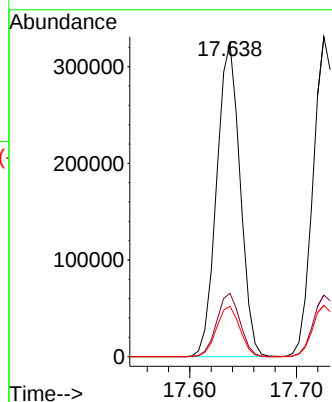
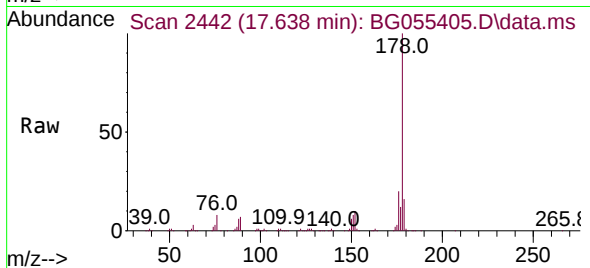
#71
Phenanthrene
Concen: 42.468 ng
RT: 17.638 min Scan# 2442
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Tgt Ion:178 Resp: 495059
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 16.0 12.7 19.1

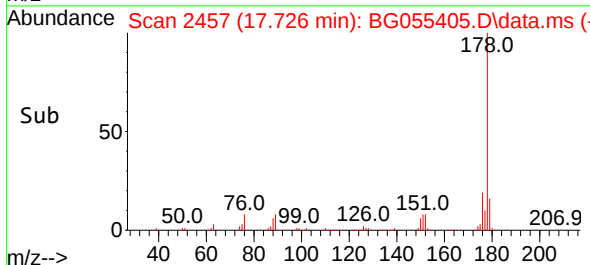
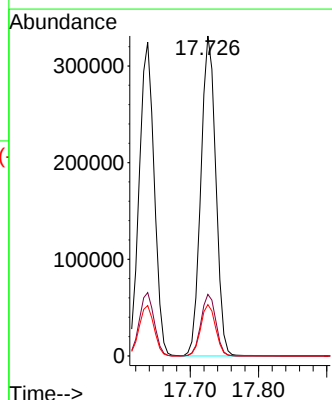
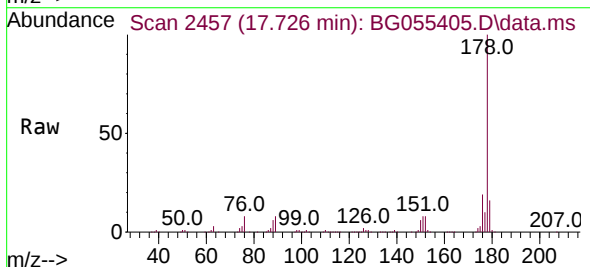
Manual Integrations
APPROVED

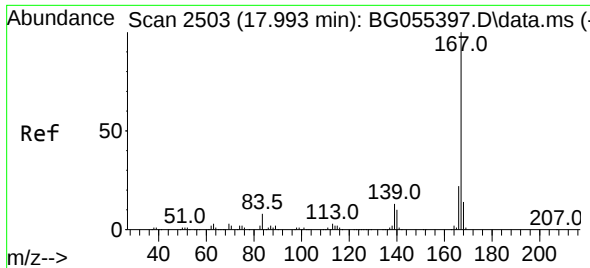
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#72
Anthracene
Concen: 44.074 ng
RT: 17.726 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

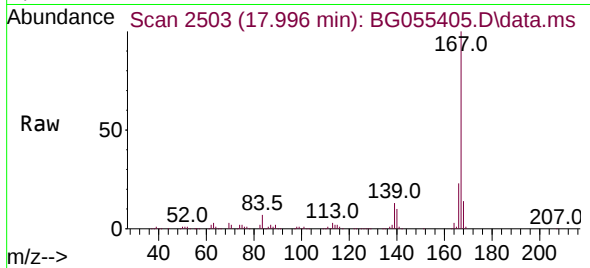
Tgt Ion:178 Resp: 503597
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.0 13.0 19.6





#73
 Carbazole
 Concen: 44.717 ng
 RT: 17.996 min Scan# 2503
 Delta R.T. 0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

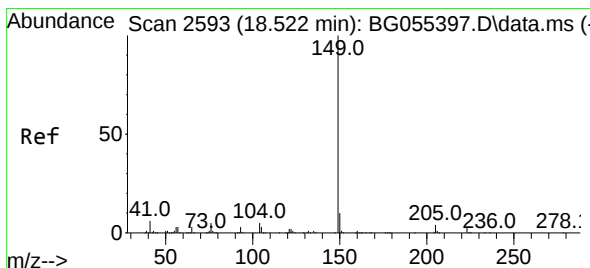
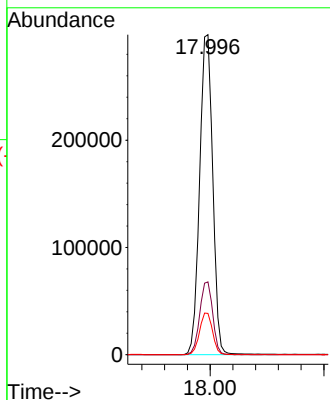
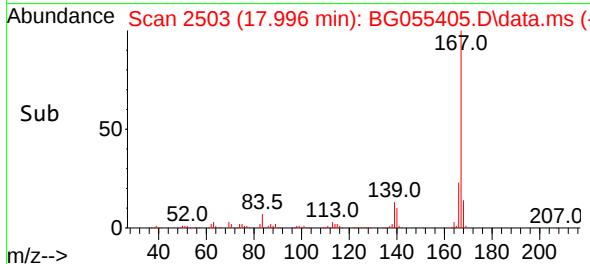
Instrument :
 BNA_G
 ClientSampleId :
 PB148503BSD



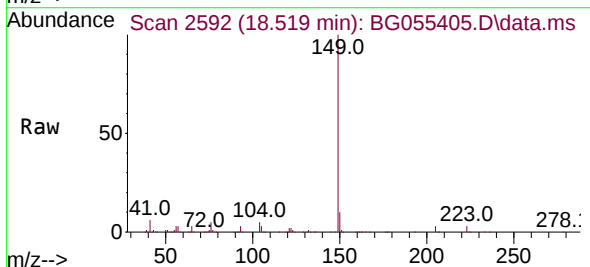
Tgt Ion:167 Resp: 475366
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 12.9 10.4 15.6

Manual Integrations
 APPROVED

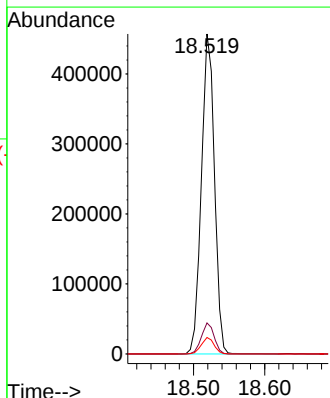
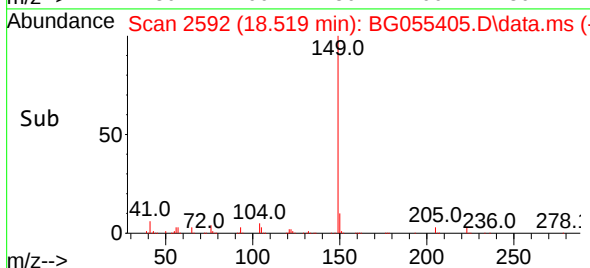
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

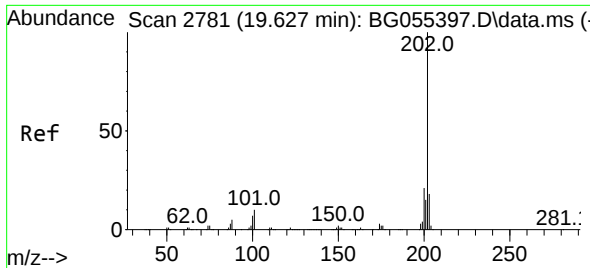


#74
 Di-n-butylphthalate
 Concen: 43.613 ng
 RT: 18.519 min Scan# 2592
 Delta R.T. -0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23



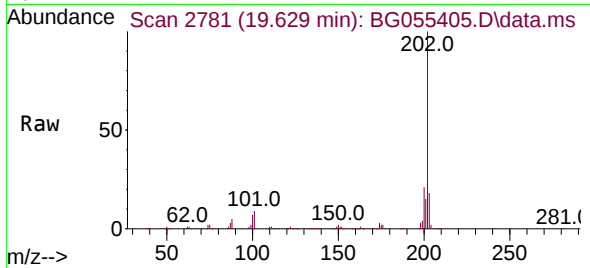
Tgt Ion:149 Resp: 579059
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 42.835 ng
RT: 19.629 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

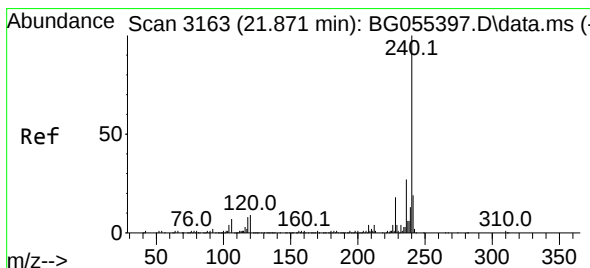
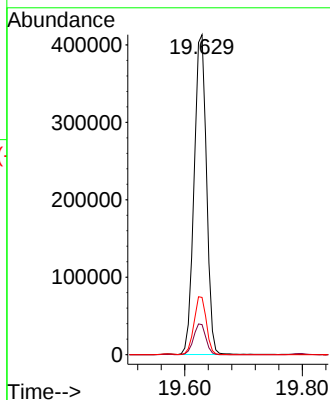
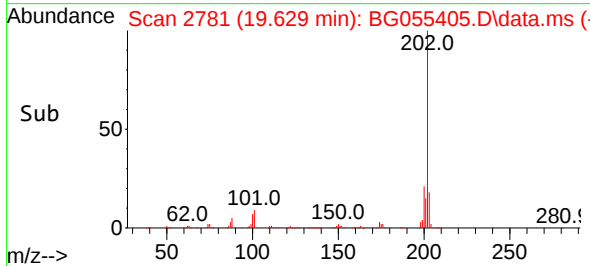
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



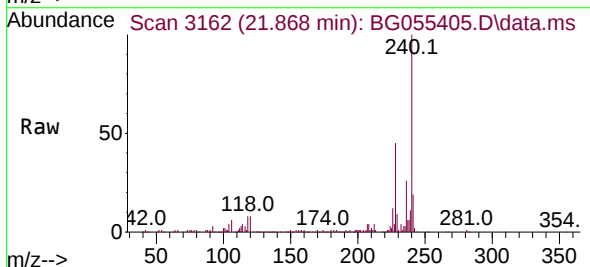
Tgt Ion:202 Resp: 600636
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 17.9 0.0 38.1

Manual Integrations
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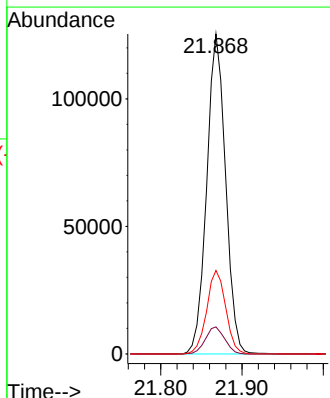
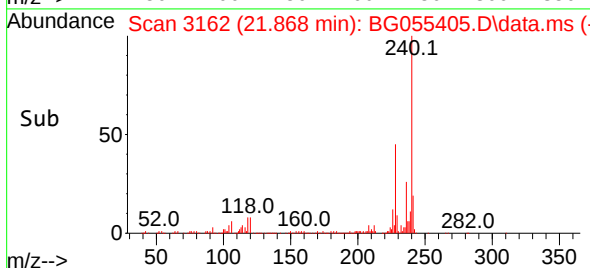
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

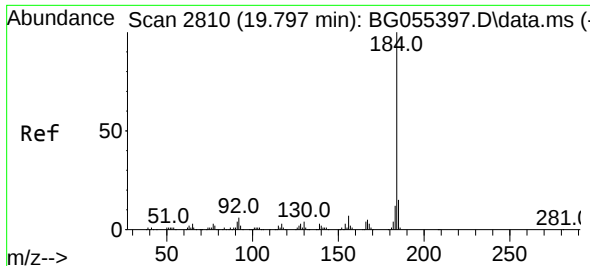


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.868 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



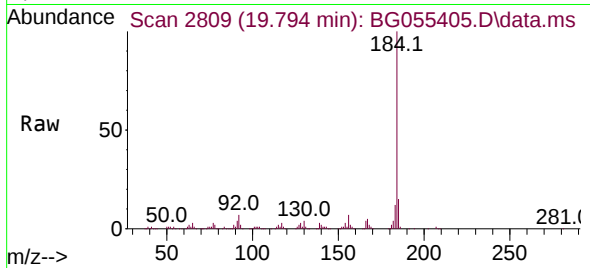
Tgt Ion:240 Resp: 202130
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.1 21.5 32.3





#77
Benzidine
Concen: 74.832 ng
RT: 19.794 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

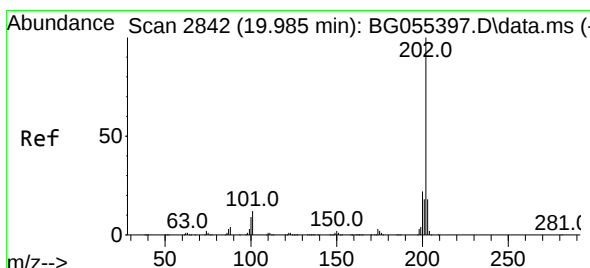
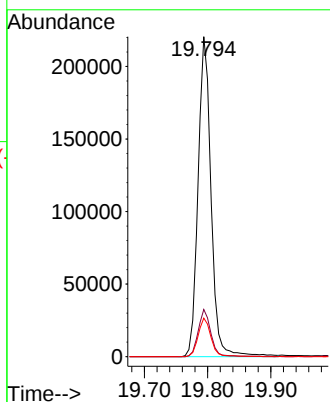
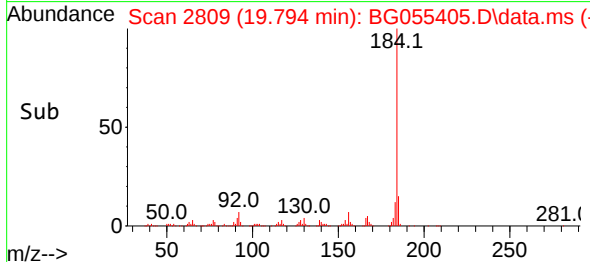
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



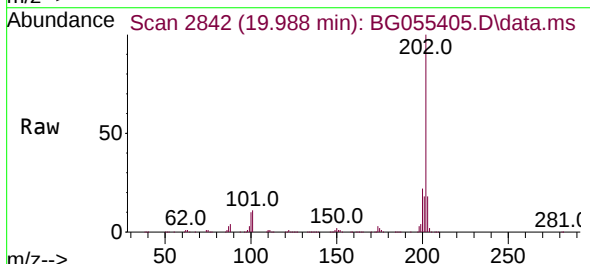
Tgt Ion:184 Resp: 314910
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 12.0 9.8 14.8

Manual Integrations
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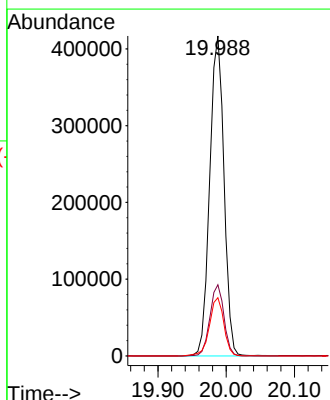
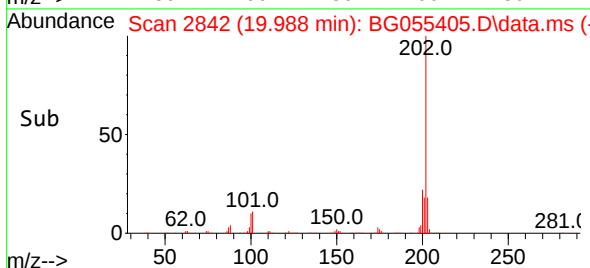
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

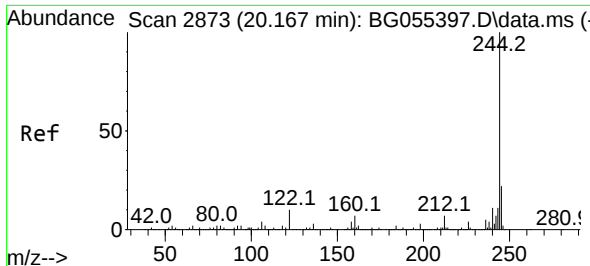


#78
Pyrene
Concen: 42.453 ng
RT: 19.988 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



Tgt Ion:202 Resp: 605360
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.2 14.7 22.1





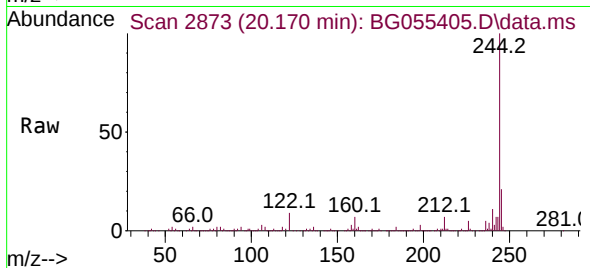
#79
 Terphenyl-d14
 Concen: 87.855 ng
 RT: 20.170 min Scan# 2873
 Delta R.T. 0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

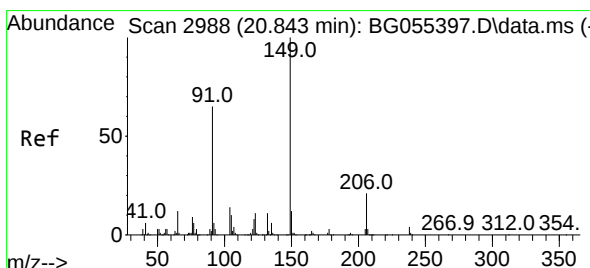
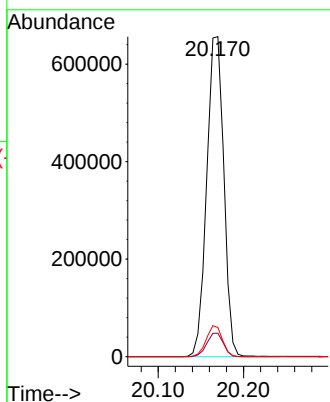
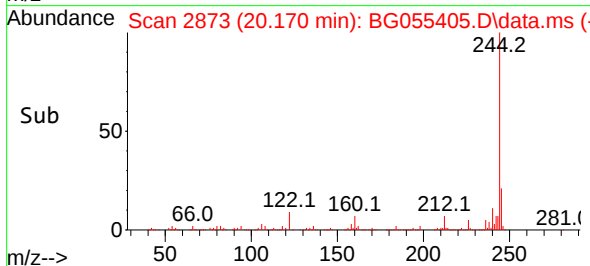


Tgt Ion:244 Resp: 913229
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.1 7.8 11.6

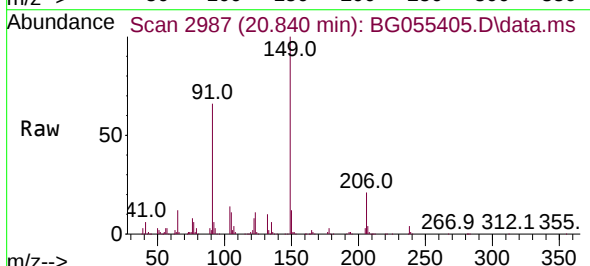
Manual Integrations

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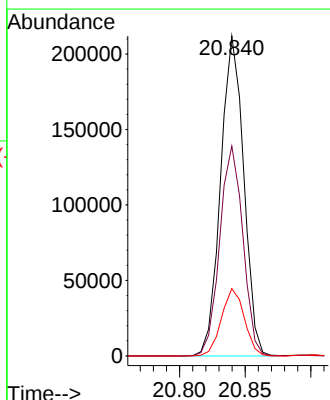
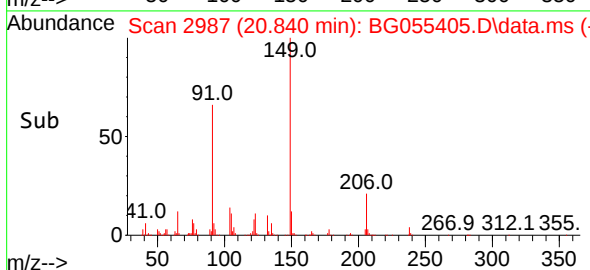
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

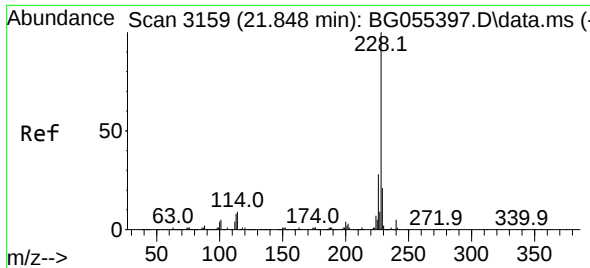


#80
 Butylbenzylphthalate
 Concen: 43.714 ng
 RT: 20.840 min Scan# 2987
 Delta R.T. -0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23



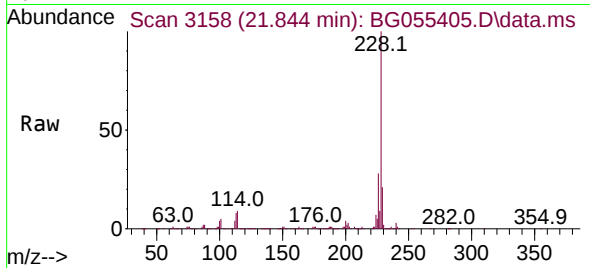
Tgt Ion:149 Resp: 259878
 Ion Ratio Lower Upper
 149 100
 91 65.6 52.4 78.6
 206 21.0 17.2 25.8





#81
Benzo(a)anthracene
Concen: 42.958 ng
RT: 21.844 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

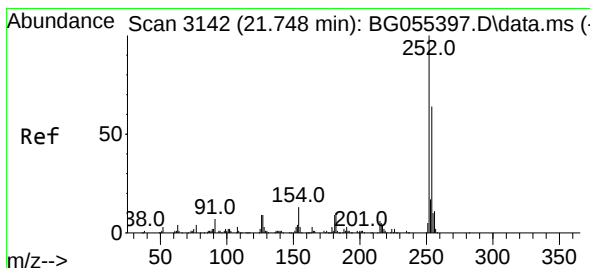
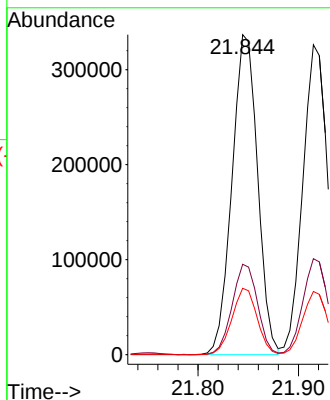
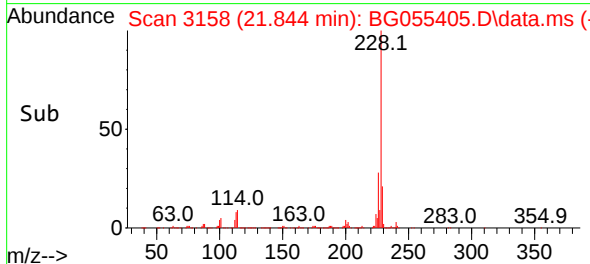
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:228 Resp: 596066
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.7 16.5 24.7

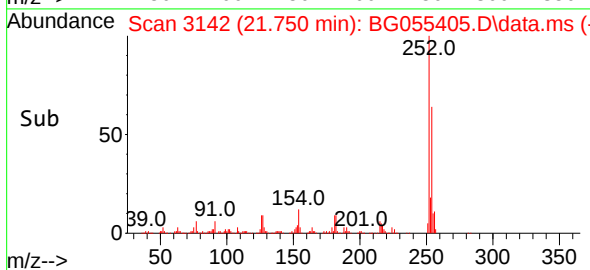
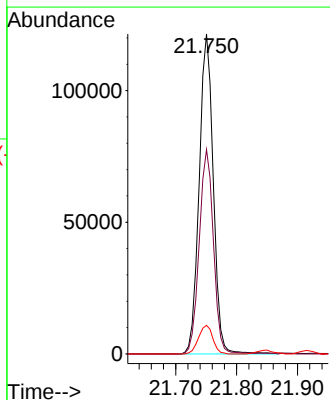
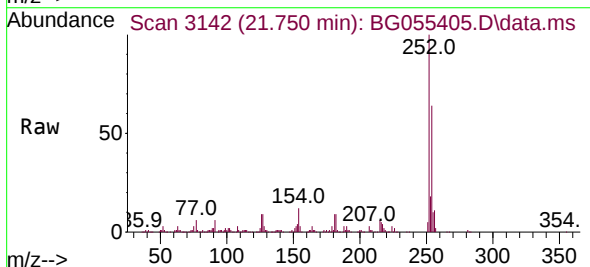
Manual Integrations
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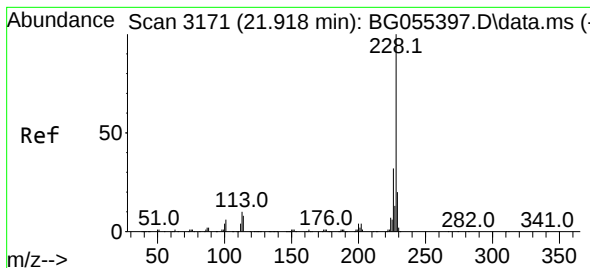
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#82
3,3'-Dichlorobenzidine
Concen: 40.966 ng
RT: 21.750 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion:252 Resp: 194925
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.6
126 8.9 7.3 10.9





#83

Chrysene

Concen: 42.133 ng

RT: 21.915 min Scan# 3171

Delta R.T. -0.003 min

Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Instrument :

BNA_G

ClientSampleId :

PB148503BSD

Tgt Ion:228 Resp: 557736

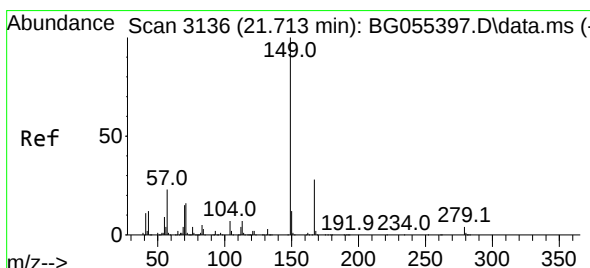
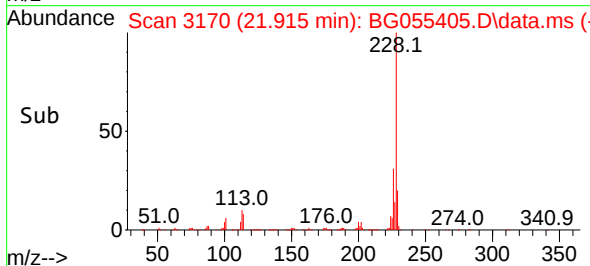
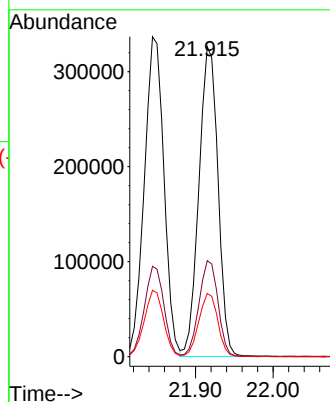
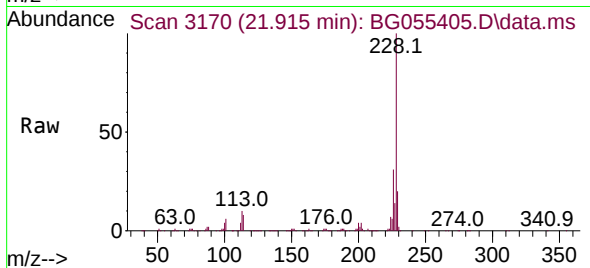
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	20.4	16.2	24.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.989 ng

RT: 21.709 min Scan# 3135

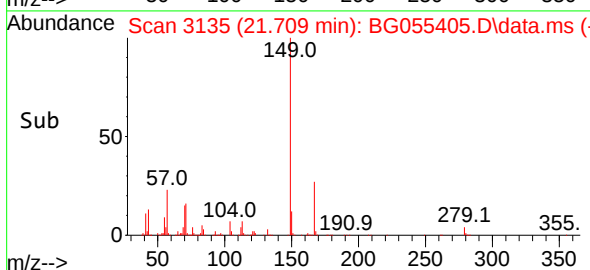
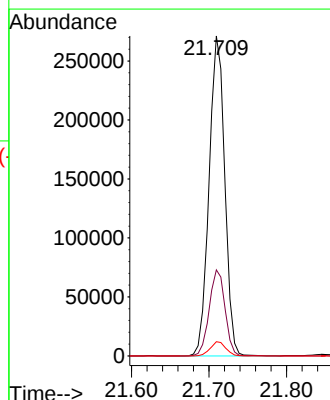
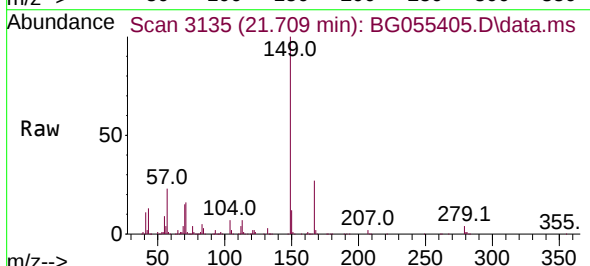
Delta R.T. -0.003 min

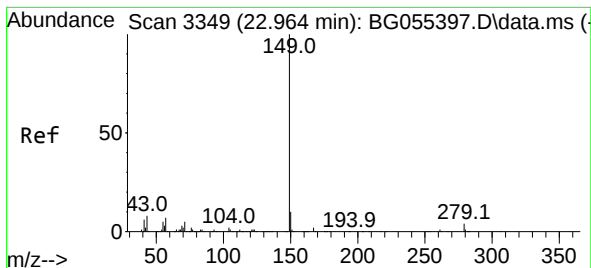
Lab File: BG055405.D

Acq: 1 Nov 2022 23:23

Tgt Ion:149 Resp: 380142

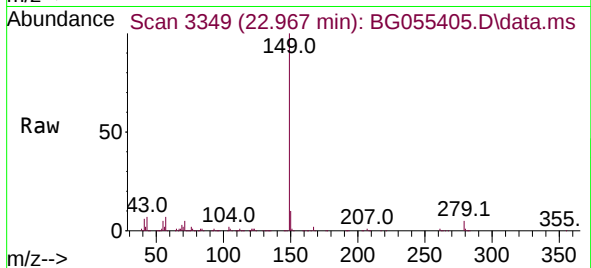
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.0	33.0
279	4.4	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 43.774 ng
RT: 22.967 min Scan# 3349
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

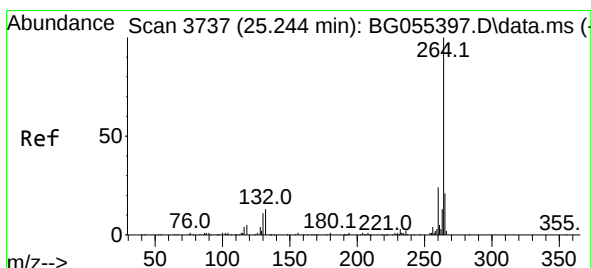
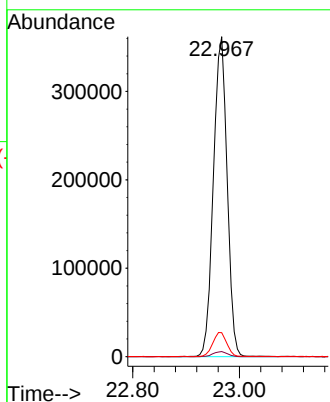
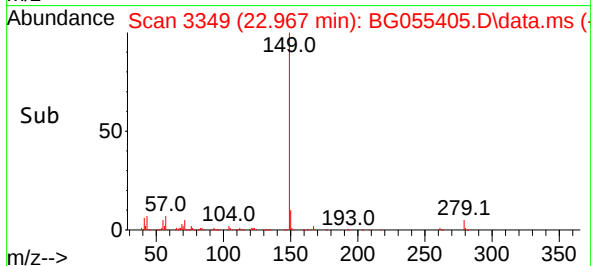
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



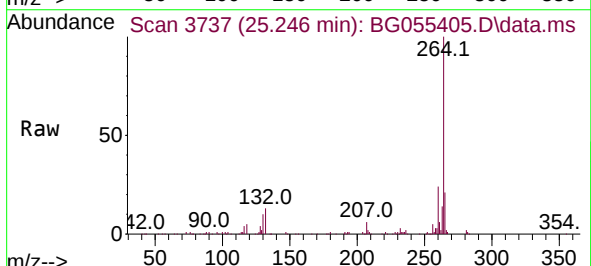
Tgt Ion:149 Resp: 648150
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5

Manual Integrations
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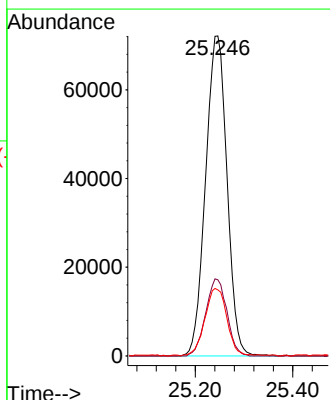
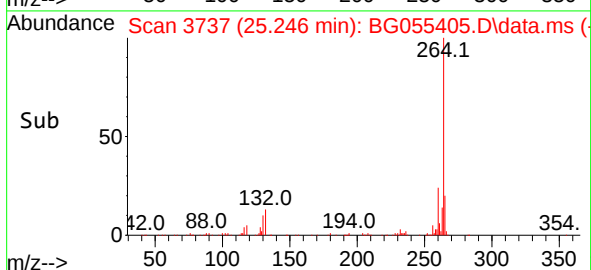
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

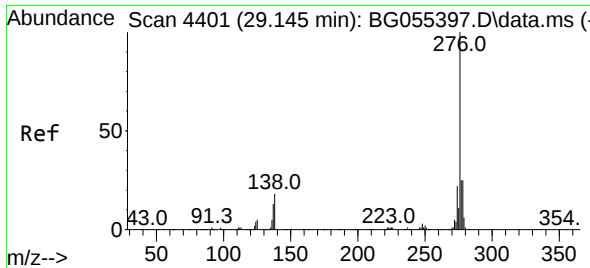


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.246 min Scan# 3737
Delta R.T. 0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23



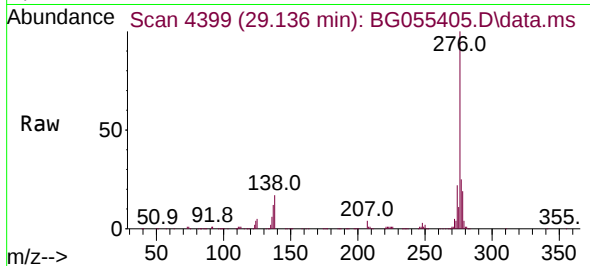
Tgt Ion:264 Resp: 220244
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 20.6 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.421 ng
 RT: 29.136 min Scan# 4399
 Delta R.T. -0.009 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23

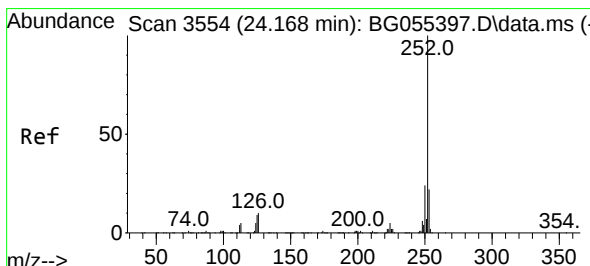
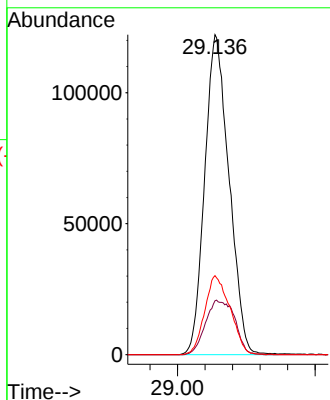
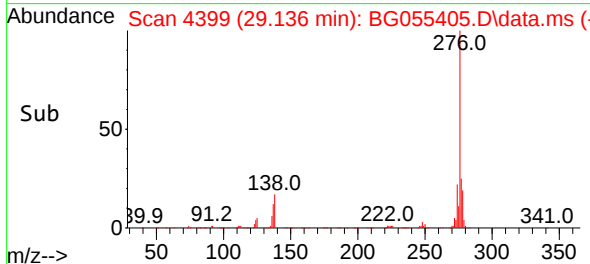
Instrument :
 BNA_G
 ClientSampleId :
 PB148503BSD



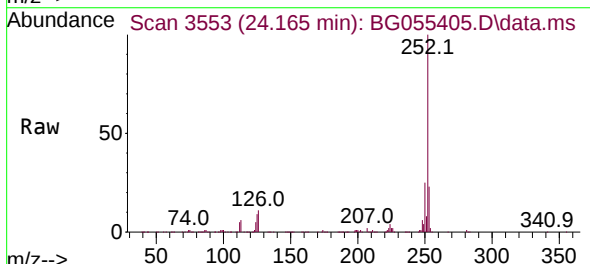
Tgt Ion:276 Resp: 750139
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.2 24.2
 277 25.7 20.5 30.7

Manual Integrations
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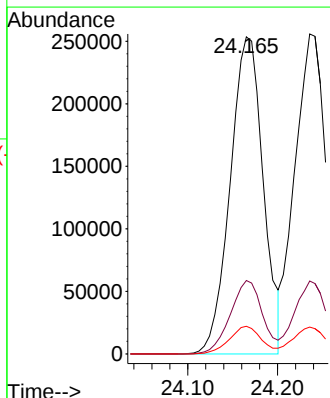
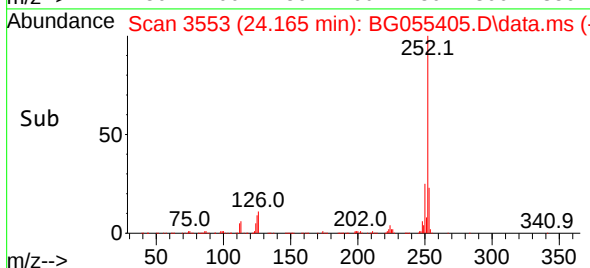
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

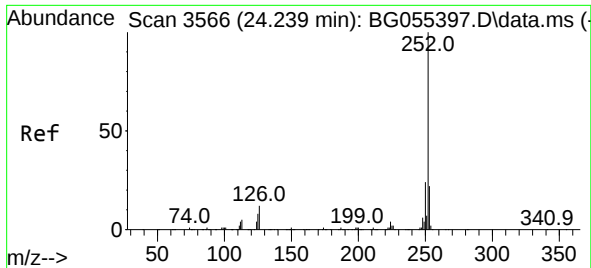


#88
 Benzo(b)fluoranthene
 Concen: 46.333 ng
 RT: 24.165 min Scan# 3553
 Delta R.T. -0.003 min
 Lab File: BG055405.D
 Acq: 1 Nov 2022 23:23



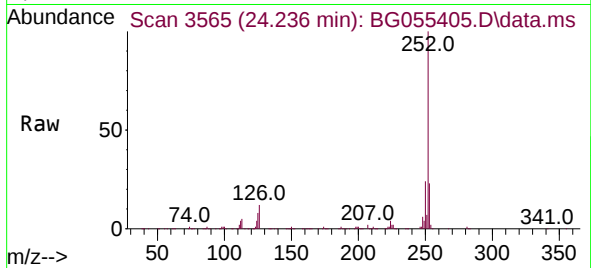
Tgt Ion:252 Resp: 648200
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.8 26.8
 125 8.7 6.8 10.2





#89
Benzo(k)fluoranthene
Concen: 44.297 ng
RT: 24.236 min Scan# 3566
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

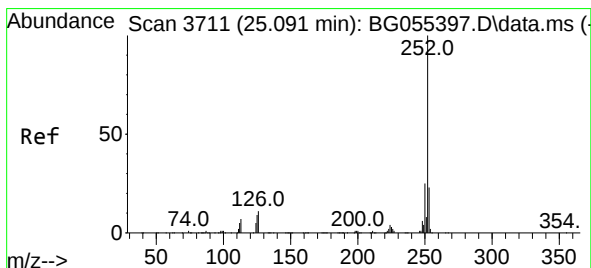
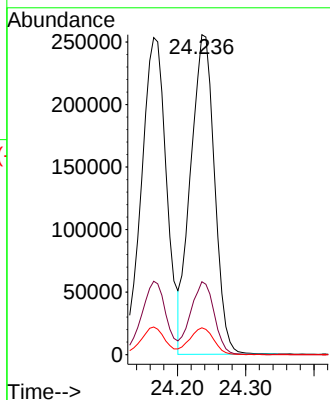
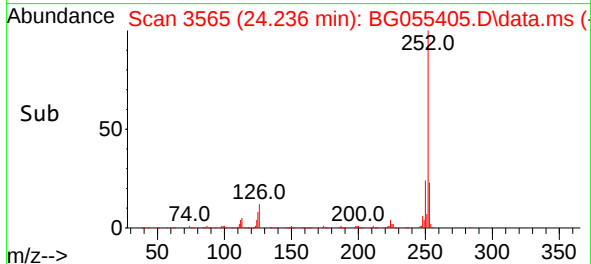
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:252 Resp: 622776
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 8.4 6.9 10.3

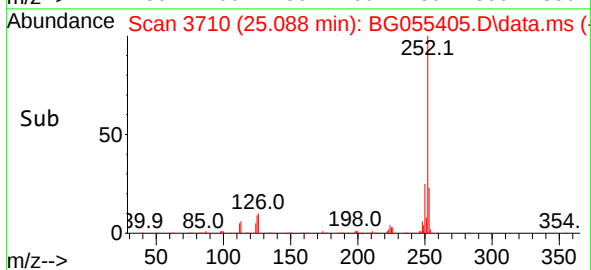
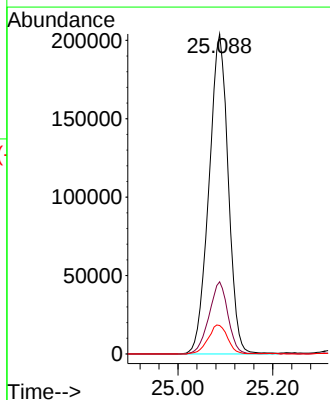
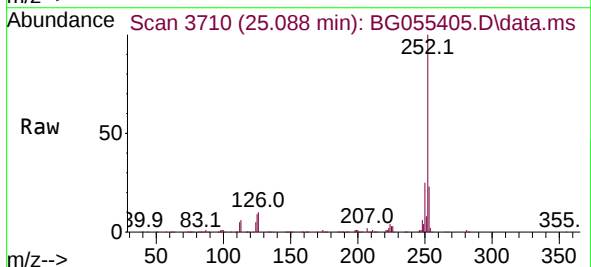
Manual Integrations
APPROVED

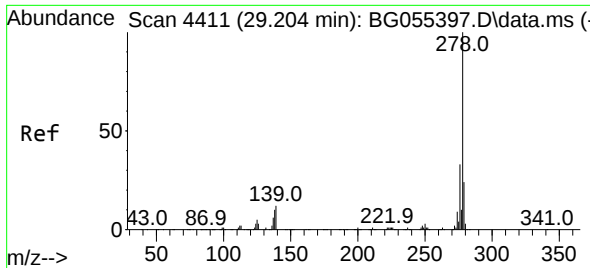
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#90
Benzo(a)pyrene
Concen: 47.490 ng
RT: 25.088 min Scan# 3710
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

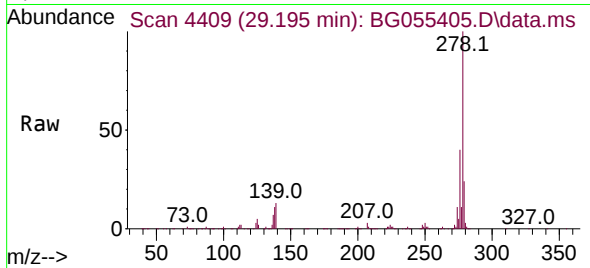
Tgt Ion:252 Resp: 574466
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.9 7.1 10.7





#91
Dibenzo(a,h)anthracene
Concen: 44.965 ng
RT: 29.195 min Scan# 4411
Delta R.T. -0.009 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

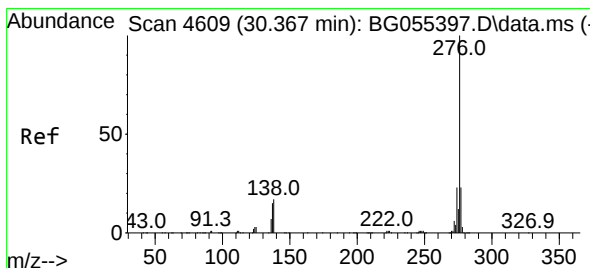
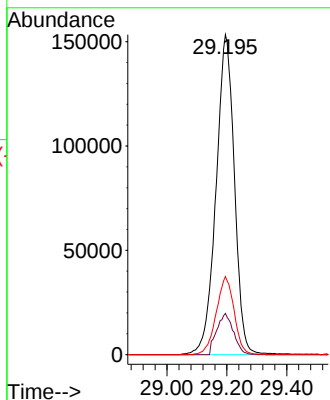
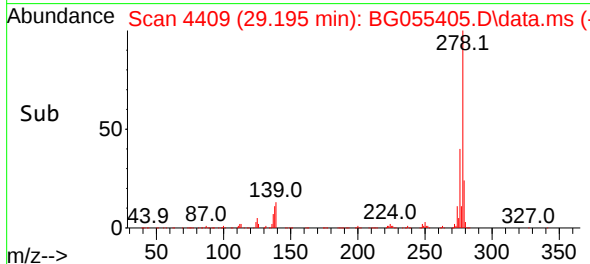
Instrument :
BNA_G
ClientSampleId :
PB148503BSD



Tgt Ion:278 Resp: 656000
Ion Ratio Lower Upper
278 100
139 12.9 9.9 14.9
279 24.4 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#92
Benzo(g,h,i)perylene
Concen: 44.627 ng
RT: 30.364 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BG055405.D
Acq: 1 Nov 2022 23:23

Tgt Ion:276 Resp: 647521
Ion Ratio Lower Upper
276 100
277 24.4 18.6 28.0
138 17.2 13.4 20.0

