

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055228.D
 Acq On : 20 Oct 2022 20:36
 Operator : CG/JU
 Sample : N5184-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-101822MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/21/2022
 Supervised By : Jagrut Upadhyay 10/21/2022

Quant Time: Oct 21 03:07:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	60163	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	250261	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	140529	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	260070	20.000	ng	0.00
76) Chrysene-d12	21.924	240	229051	20.000	ng	0.00
86) Perylene-d12	25.350	264	202001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	352816	105.508	ng	0.00
7) Phenol-d6	7.436	99	495366	97.216	ng	0.01
23) Nitrobenzene-d5	9.463	82	319106	61.559	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	111533	76.594	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	541515	61.551	ng	0.00
79) Terphenyl-d14	20.209	244	630124	51.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	51694	31.788	ng	99
3) Pyridine	4.045	79	142442	27.816	ng	96
4) n-Nitrosodimethylamine	3.951	42	81222	33.896	ng	98
6) Aniline	7.606	93	104335	15.794	ng	99
8) 2-Chlorophenol	7.853	128	165399	40.909	ng	99
9) Benzaldehyde	7.418	77	94912	26.796	ng	98
10) Phenol	7.459	94	224909	39.069	ng	99
11) bis(2-Chloroethyl)ether	7.694	93	169570	38.258	ng	98
12) 1,3-Dichlorobenzene	8.182	146	176844	40.322	ng	97
13) 1,4-Dichlorobenzene	8.329	146	176881	39.482	ng	99
14) 1,2-Dichlorobenzene	8.652	146	173996	40.760	ng	98
15) Benzyl Alcohol	8.523	79	154068m	35.206	ng	
16) 2,2'-oxybis(1-Chloropr...	8.810	45	288486	36.115	ng	99
17) 2-Methylphenol	8.728	107	150836	37.853	ng	97
18) Hexachloroethane	9.386	117	57618	35.532	ng	94
19) n-Nitroso-di-n-propyla...	9.092	70	141453	32.367	ng	99
20) 3+4-Methylphenols	9.057	107	200975	35.884	ng	98
22) Acetophenone	9.116	105	257762	38.077	ng	99
24) Nitrobenzene	9.510	77	203054	36.633	ng	97
25) Isophorone	10.027	82	370519	34.936	ng	98
26) 2-Nitrophenol	10.221	139	78799	36.138	ng	97
27) 2,4-Dimethylphenol	10.268	122	161061m	46.384	ng	
28) bis(2-Chloroethoxy)met...	10.503	93	219595	43.088	ng	99
29) 2,4-Dichlorophenol	10.761	162	144585	38.999	ng	98
30) 1,2,4-Trichlorobenzene	10.978	180	151122	39.813	ng	97
31) Naphthalene	11.172	128	515310	39.022	ng	99
32) Benzoic acid	10.391	122	60994	24.540	ng	95
33) 4-Chloroaniline	11.272	127	106557	19.595	ng	98
34) Hexachlorobutadiene	11.448	225	89215	38.923	ng	97
35) Caprolactam	12.048	113	48167	29.564	ng	97
36) 4-Chloro-3-methylphenol	12.371	107	164355	34.094	ng	98
37) 2-Methylnaphthalene	12.753	142	344101	34.258	ng	99
38) 1-Methylnaphthalene	12.970	142	326895	32.966	ng	100
40) 1,2,4,5-Tetrachloroben...	13.117	216	153554	46.487	ng	98
41) Hexachlorocyclopentadiene	13.094	237	11611	7.719	ng	98
43) 2,4,6-Trichlorophenol	13.346	196	104202	41.448	ng	100

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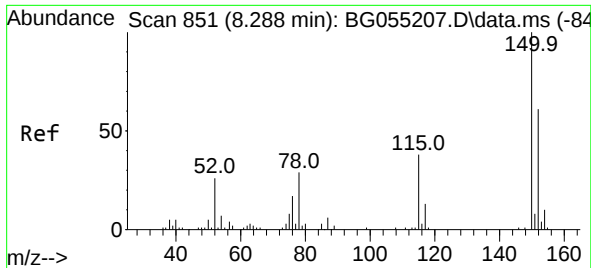
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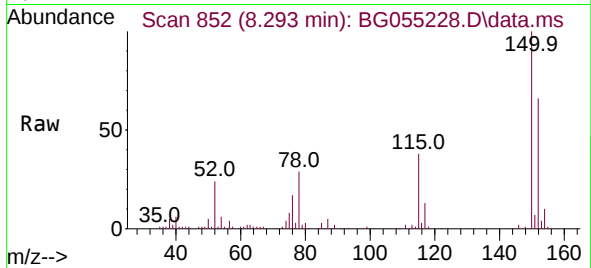
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	107240	38.881	ng	99
46) 1,1'-Biphenyl	13.746	154	426202	42.831	ng	99
47) 2-Chloronaphthalene	13.793	162	314926	41.108	ng	99
48) 2-Nitroaniline	13.987	65	124465	40.035	ng	98
49) Acenaphthylene	14.633	152	502616	38.352	ng	99
50) Dimethylphthalate	14.345	163	381856	34.545	ng	99
51) 2,6-Dinitrotoluene	14.469	165	79050	35.641	ng	93
52) Acenaphthene	14.968	154	311811	37.369	ng	99
53) 3-Nitroaniline	14.798	138	84786	30.689	ng	99
54) 2,4-Dinitrophenol	15.009	184	3244	2.901	ng	# 77
55) Dibenzofuran	15.297	168	484975	40.351	ng	99
56) 4-Nitrophenol	15.097	139	149014	76.708	ng	98
57) 2,4-Dinitrotoluene	15.250	165	101101	32.600	ng	# 99
58) Fluorene	15.943	166	395798	39.104	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.520	232	82797	34.472	ng	# 97
60) Diethylphthalate	15.691	149	396504	34.288	ng	100
61) 4-Chlorophenyl-phenyle...	15.926	204	175341	37.323	ng	100
62) 4-Nitroaniline	15.955	138	100110	35.721	ng	99
63) Azobenzene	16.219	77	417500	35.722	ng	98
65) 4,6-Dinitro-2-methylph...	16.014	198	3193	2.298	ng	# 14
66) n-Nitrosodiphenylamine	16.137	169	318790	43.921	ng	100
67) 4-Bromophenyl-phenylether	16.819	248	106041	41.833	ng	97
68) Hexachlorobenzene	16.948	284	109659	39.527	ng	99
69) Atrazine	17.077	200	112532	47.040	ng	99
70) Pentachlorophenol	17.289	266	101910	68.065	ng	95
71) Phenanthrene	17.682	178	967266	69.699	ng	98
72) Anthracene	17.771	178	664178	48.976	ng	99
73) Carbazole	18.035	167	564965	45.239	ng	99
74) Di-n-butylphthalate	18.570	149	647385	39.744	ng	100
75) Fluoranthene	19.674	202	1158565	75.366	ng	97
77) Benzidine	19.839	184	74781	12.839	ng	# 93
78) Pyrene	20.033	202	1081028	62.635	ng	97
80) Butylbenzylphthalate	20.890	149	285452	35.385	ng	98
81) Benzo(a)anthracene	21.907	228	815368	54.880	ng	97
82) 3,3'-Dichlorobenzidine	21.807	252	117246	22.983	ng	99
83) Chrysene	21.977	228	746935	53.985	ng	96
84) Bis(2-ethylhexyl)phtha...	21.772	149	420544	39.842	ng	98
85) Di-n-octyl phthalate	23.053	149	705071	44.803	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.298	276	404758	28.809	ng	96
88) Benzo(b)fluoranthene	24.263	252	712003	59.356	ng	# 91
89) Benzo(k)fluoranthene	24.333	252	688162	56.645	ng	# 94
90) Benzo(a)pyrene	25.197	252	583363	56.660	ng	# 92
91) Dibenzo(a,h)anthracene	29.369	278	315851	27.441	ng	# 89
92) Benzo(g,h,i)perylene	30.544	276	300097	26.914	ng	# 89

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

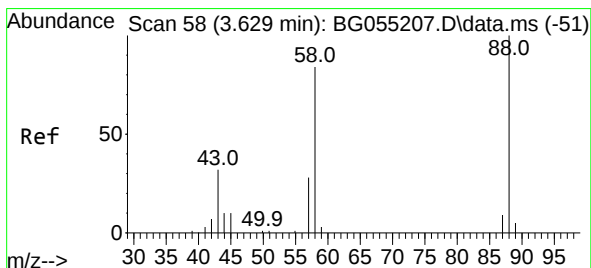
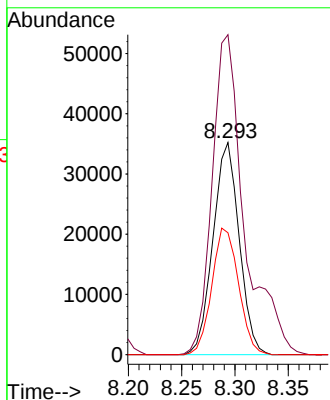
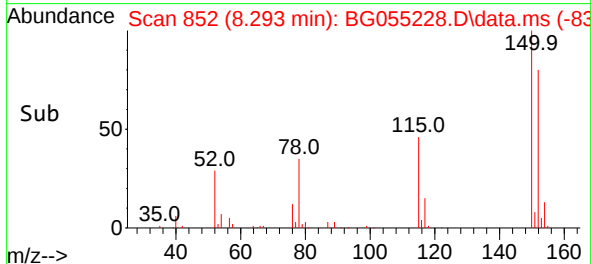
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:152 Resp: 60163
Ion Ratio Lower Upper
152 100
150 150.9 130.2 195.2
115 57.5 50.0 75.0

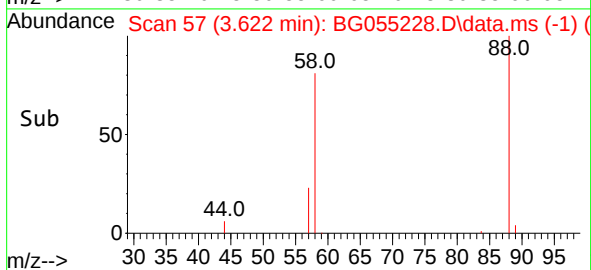
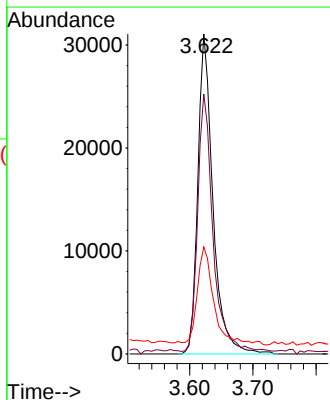
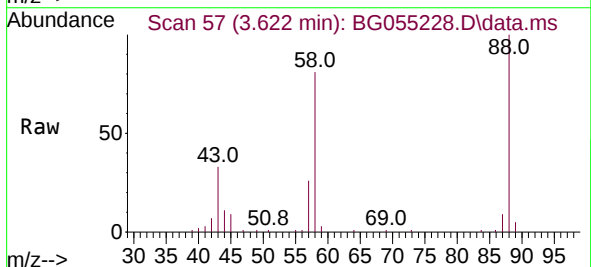
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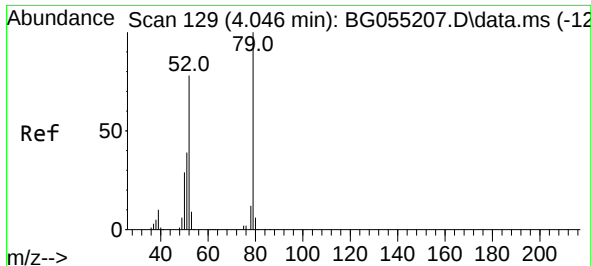
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#2
1,4-Dioxane
Concen: 31.788 ng
RT: 3.622 min Scan# 57
Delta R.T. -0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

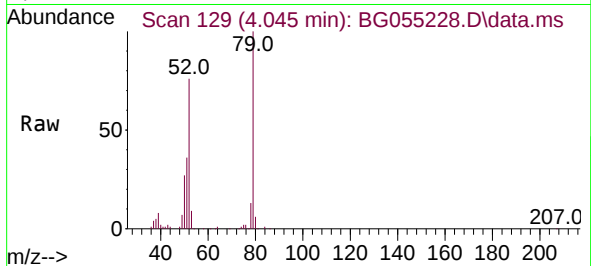
Tgt Ion: 88 Resp: 51694
Ion Ratio Lower Upper
88 100
58 80.9 63.9 95.9
43 33.8 26.0 39.0





#3
Pyridine
Concen: 27.816 ng
RT: 4.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

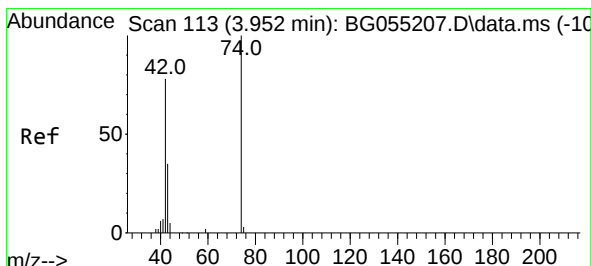
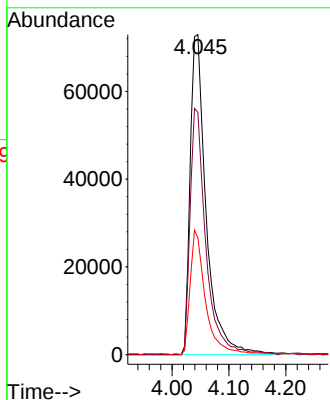
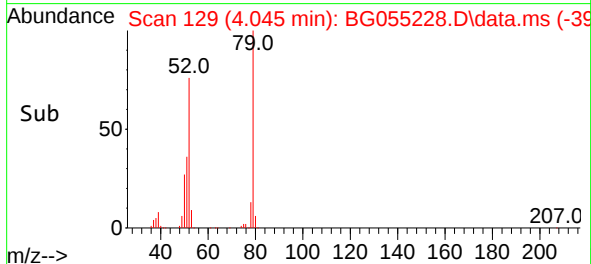
Instrument :
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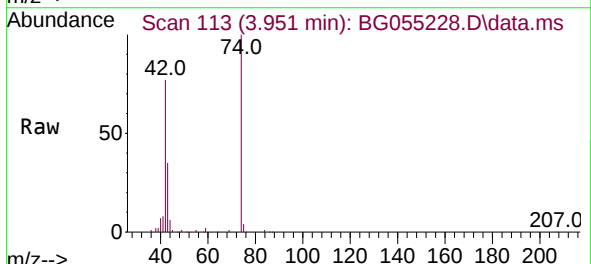
Tgt Ion: 79 Resp: 142442
Ion Ratio Lower Upper
79 100
52 75.7 62.7 94.1
51 36.5 31.4 47.0

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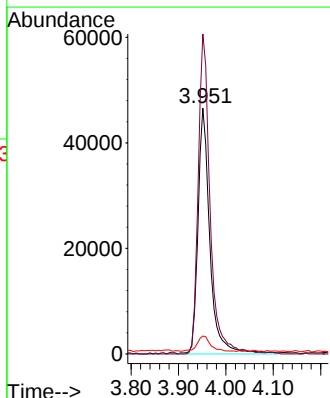
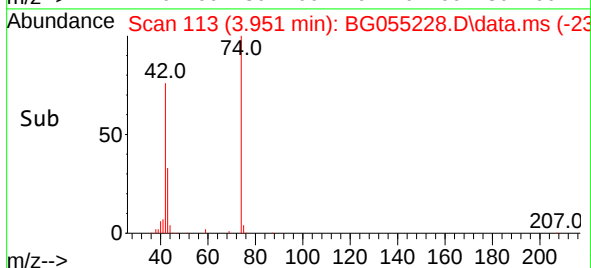
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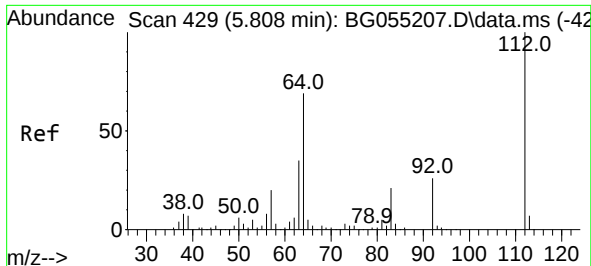


#4
n-Nitrosodimethylamine
Concen: 33.896 ng
RT: 3.951 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



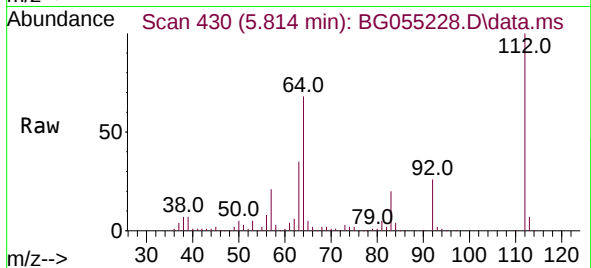
Tgt Ion: 42 Resp: 81222
Ion Ratio Lower Upper
42 100
74 130.2 102.7 154.1
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 105.508 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

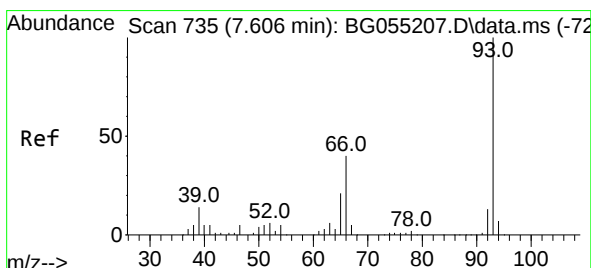
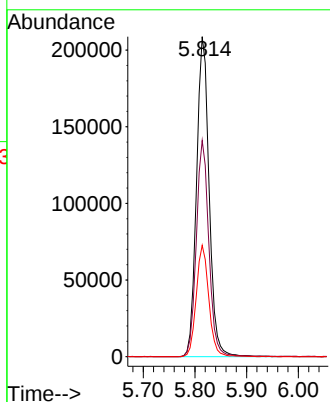
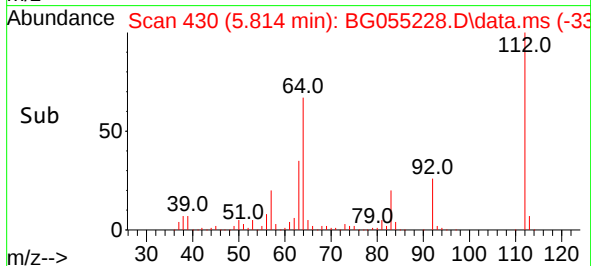
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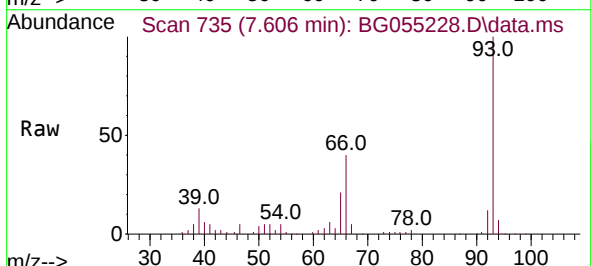
Tgt Ion:112 Resp: 352816
Ion Ratio Lower Upper
112 100
64 67.5 55.1 82.7
63 34.8 27.8 41.6

Manual Integrations
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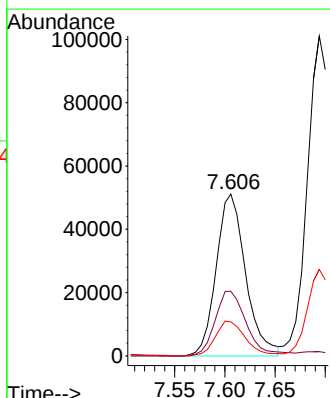
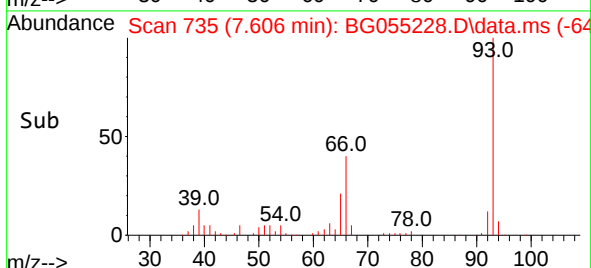
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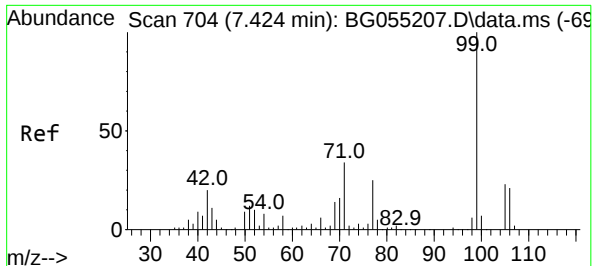


#6
Aniline
Concen: 15.794 ng
RT: 7.606 min Scan# 735
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



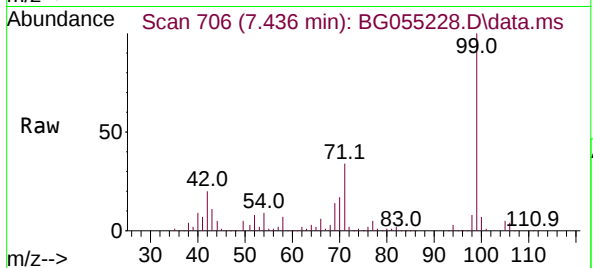
Tgt Ion: 93 Resp: 104335
Ion Ratio Lower Upper
93 100
66 40.0 32.3 48.5
65 21.0 16.9 25.3





#7
Phenol-d6
Concen: 97.216 ng
RT: 7.436 min Scan# 704
Delta R.T. 0.012 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

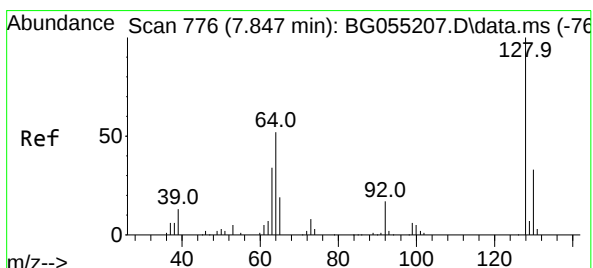
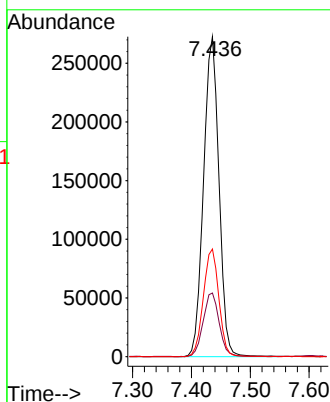
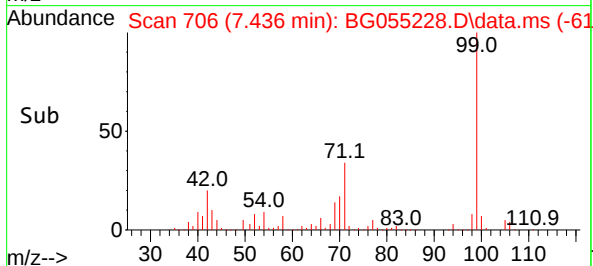
Instrument :
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Tgt Ion: 99 Resp: 495366
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.4
71 33.6 27.3 40.9

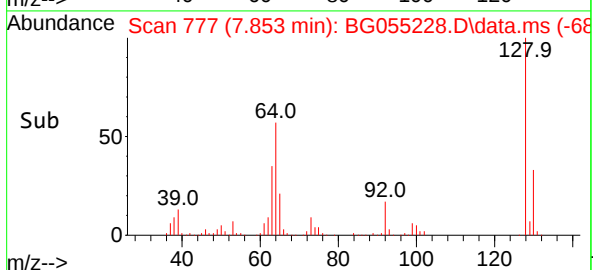
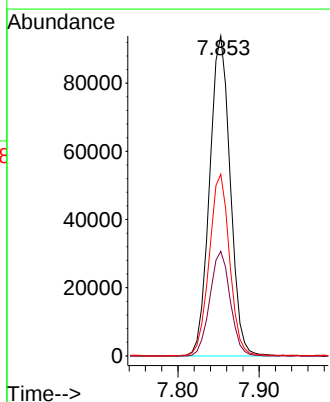
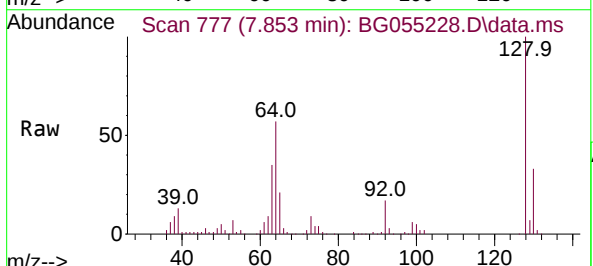
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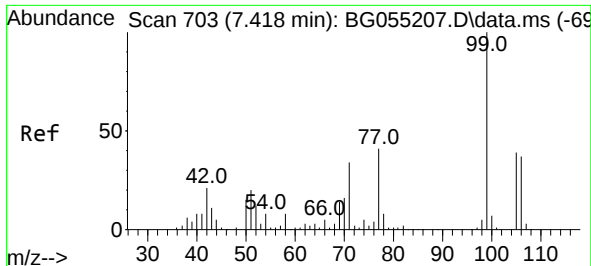
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#8
2-Chlorophenol
Concen: 40.909 ng
RT: 7.853 min Scan# 777
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:128 Resp: 165399
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 56.8 36.2 76.2





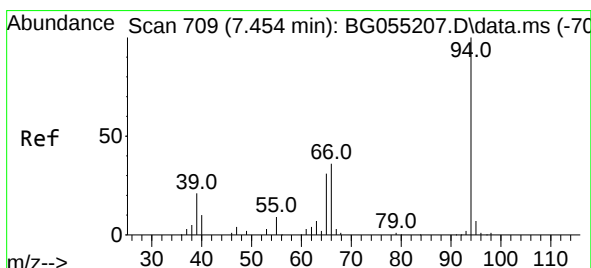
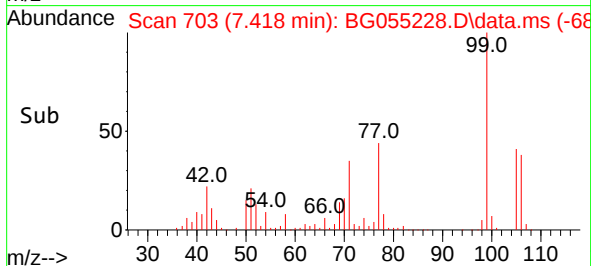
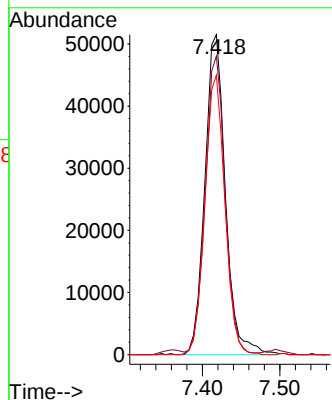
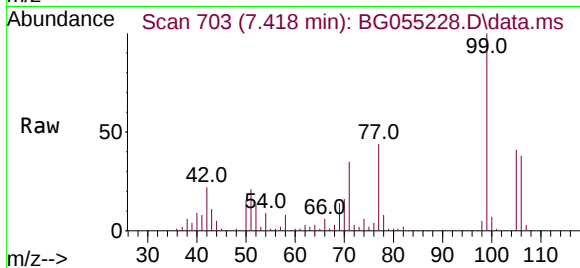
#9
Benzaldehyde
Concen: 26.796 ng
RT: 7.418 min Scan# 703
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion: 77 Resp: 94912
Ion Ratio Lower Upper
77 100
105 93.3 74.9 114.9
106 87.3 69.5 109.5

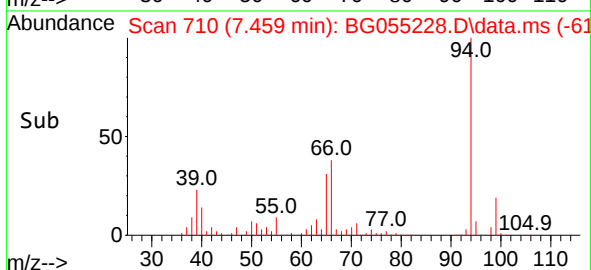
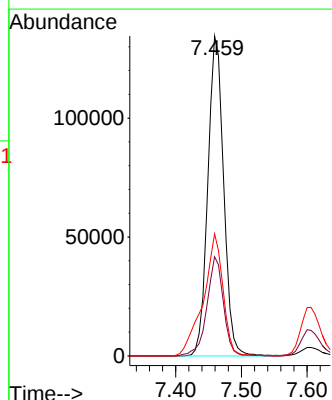
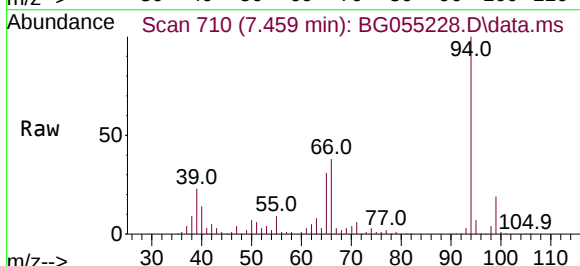
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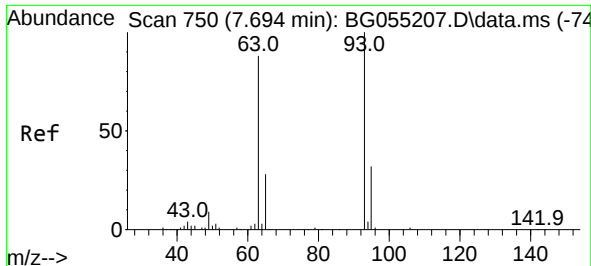
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#10
Phenol
Concen: 39.069 ng
RT: 7.459 min Scan# 710
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion: 94 Resp: 224909
Ion Ratio Lower Upper
94 100
65 31.0 11.0 51.0
66 38.1 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 38.258 ng

RT: 7.694 min Scan# 750

Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

Tgt Ion: 93 Resp: 169576

Ion Ratio Lower Upper

93 100

63 85.7 67.0 107.0

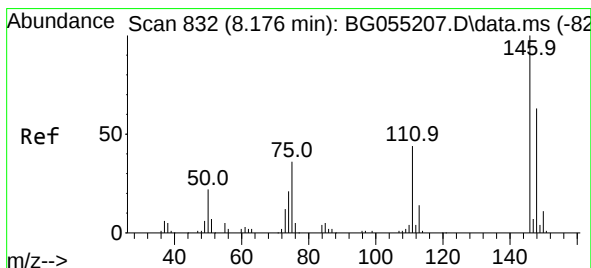
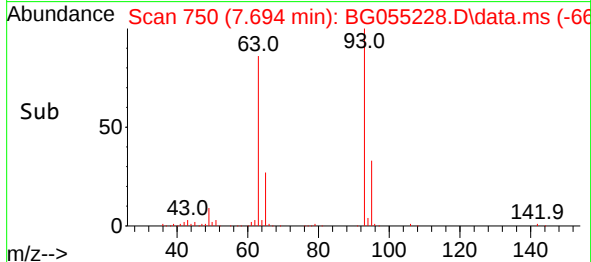
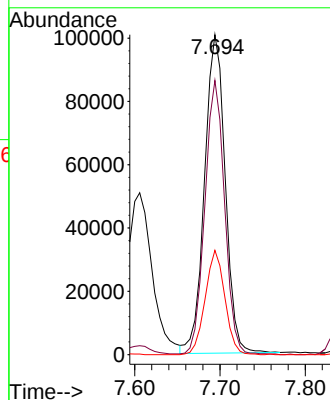
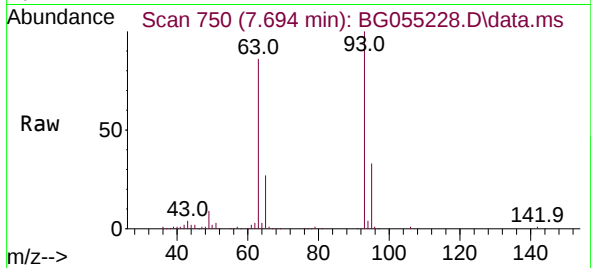
95 32.6 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/21/2022

Supervised By :Jagrut Upadhyay 10/21/2022



#12

1,3-Dichlorobenzene

Concen: 40.322 ng

RT: 8.182 min Scan# 833

Delta R.T. 0.006 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

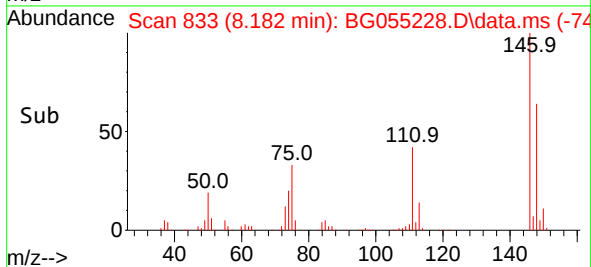
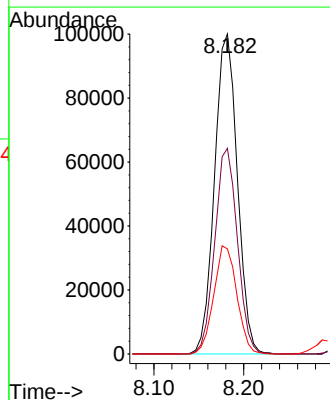
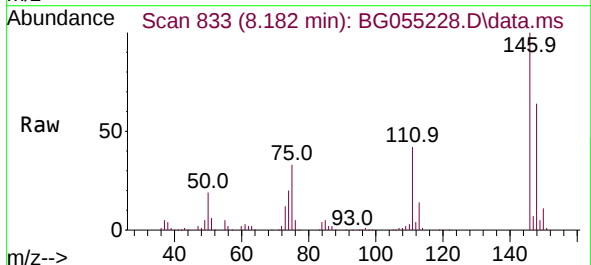
Tgt Ion:146 Resp: 176844

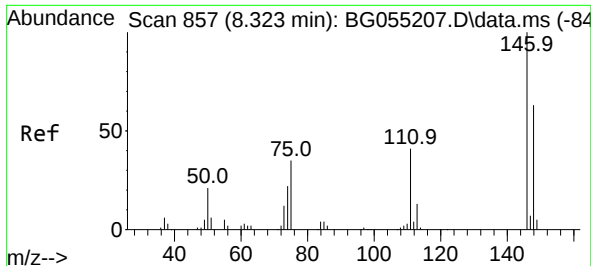
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

75 32.8 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.482 ng

RT: 8.329 min Scan# 857

Delta R.T. 0.006 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

Tgt Ion:146 Resp: 17688

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

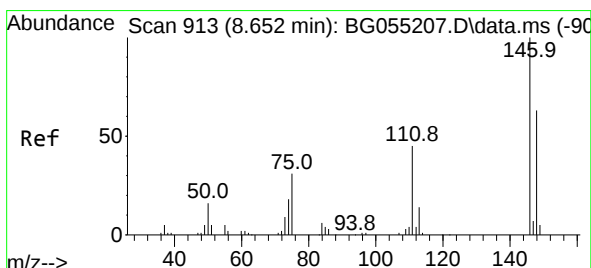
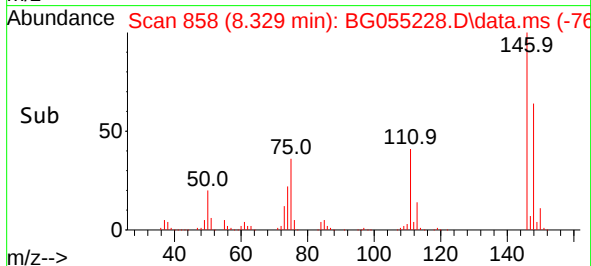
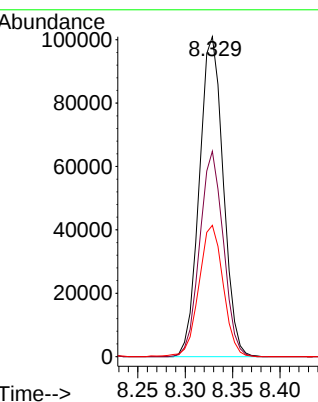
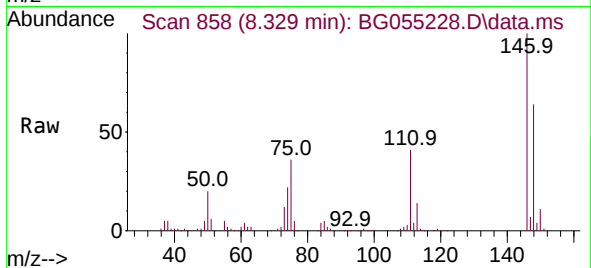
111 41.0 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/21/2022

Supervised By :Jagrut Upadhyay 10/21/2022



#14

1,2-Dichlorobenzene

Concen: 40.760 ng

RT: 8.652 min Scan# 913

Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

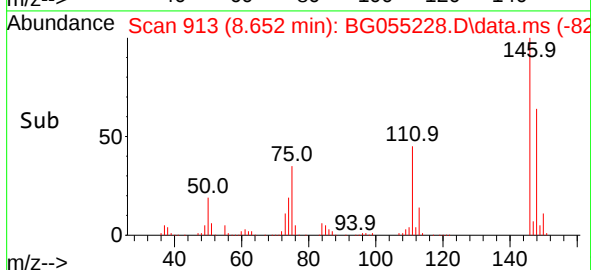
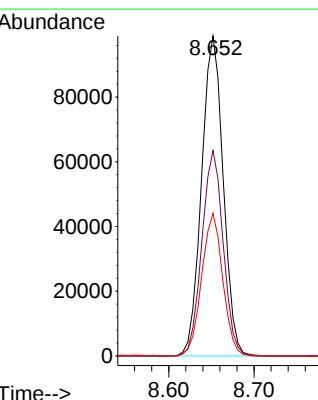
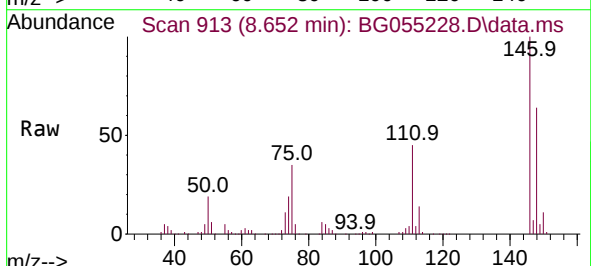
Tgt Ion:146 Resp: 173996

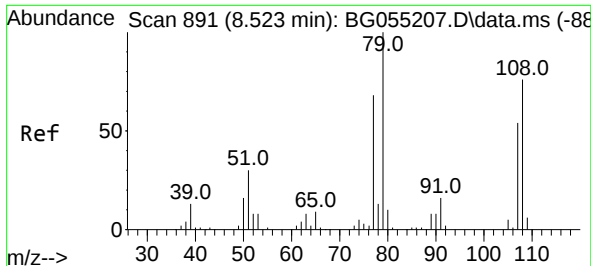
Ion Ratio Lower Upper

146 100

148 64.2 50.0 75.0

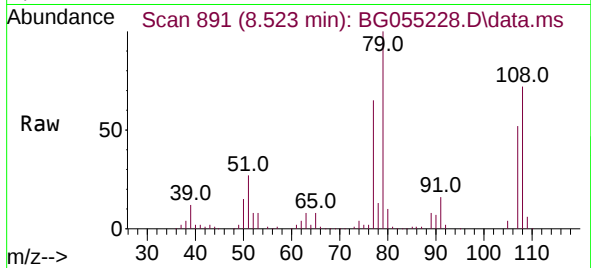
111 44.5 36.4 54.6





#15
Benzyl Alcohol
Concen: 35.206 ng m
RT: 8.523 min Scan# 891
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

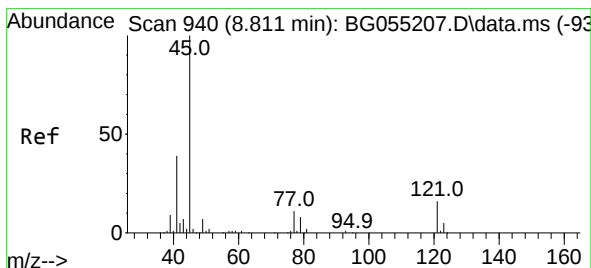
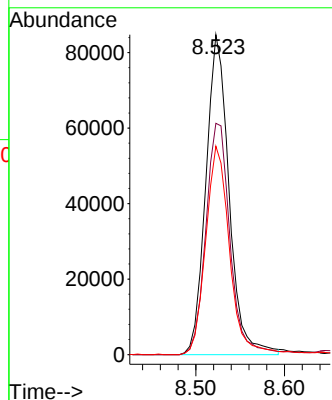
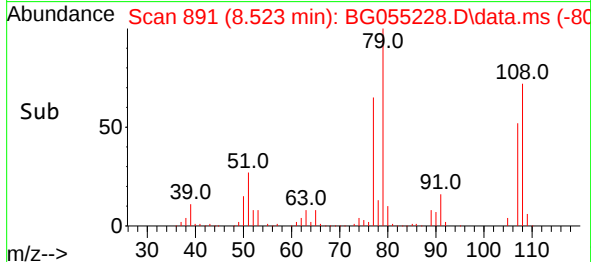
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



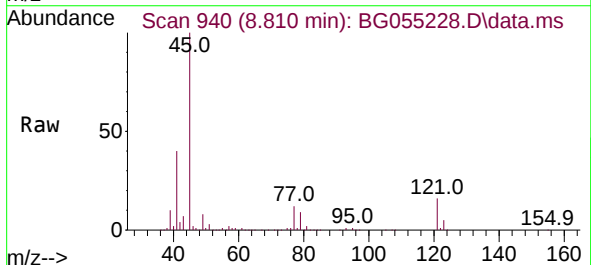
Tgt Ion: 79 Resp: 154068
Ion Ratio Lower Upper
79 100
108 72.3 61.0 91.6
77 65.1 54.7 82.1

Manual Integrations
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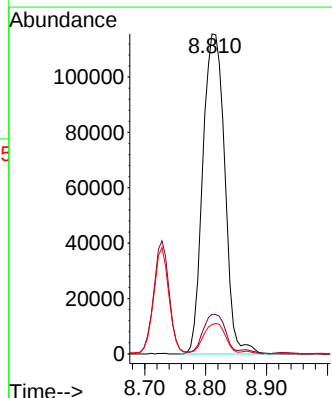
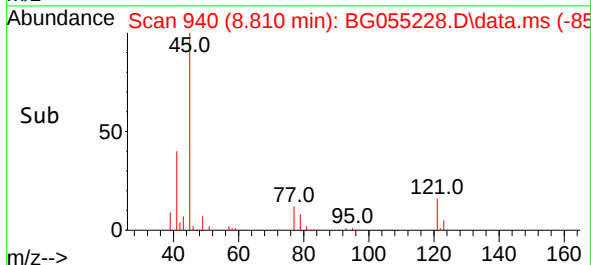
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

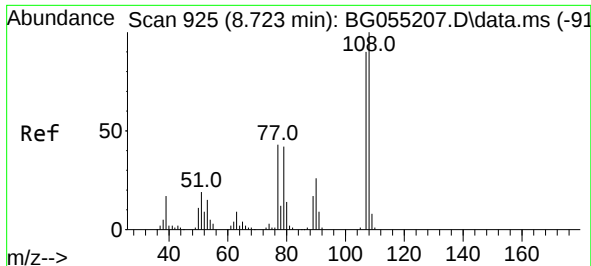


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.115 ng
RT: 8.810 min Scan# 940
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



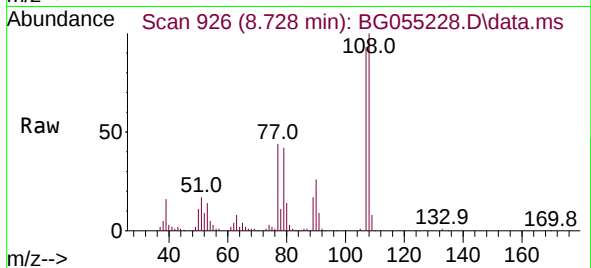
Tgt Ion: 45 Resp: 288486
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.9
79 9.2 0.0 28.8





#17
2-Methylphenol
Concen: 37.853 ng
RT: 8.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

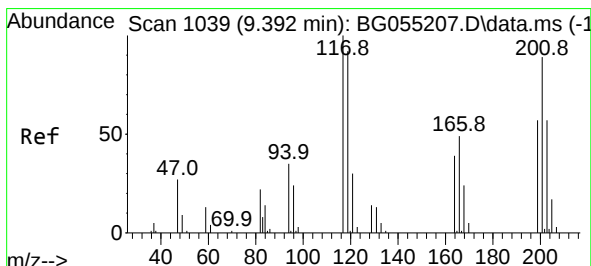
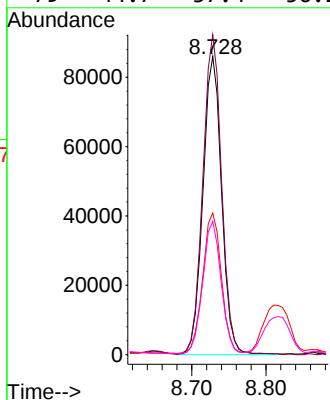
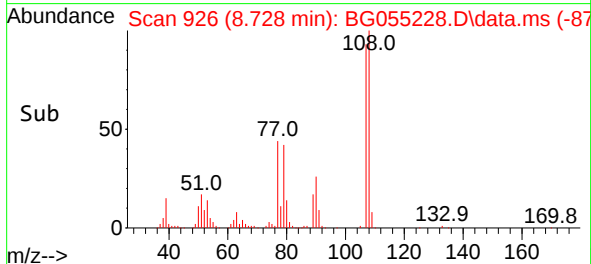
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



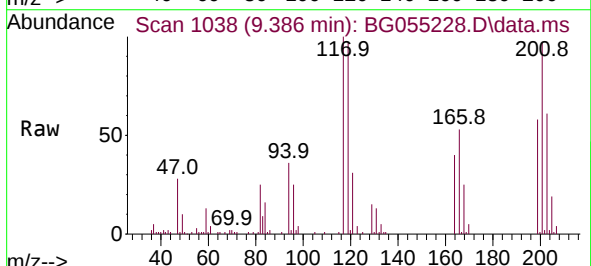
Tgt Ion:107 Resp: 150836
Ion Ratio Lower Upper
107 100
108 107.3 88.8 133.2
77 47.4 38.6 57.8
79 44.7 37.4 56.2

Manual Integrations
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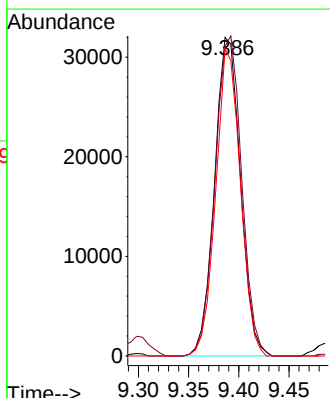
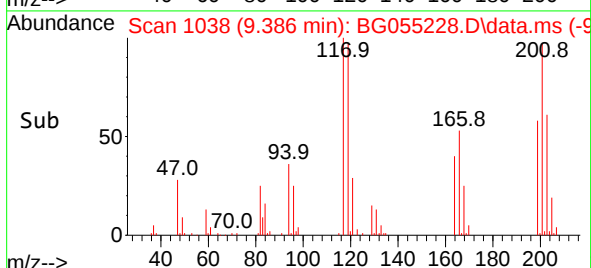
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

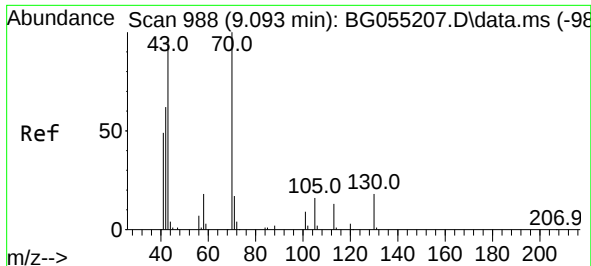


#18
Hexachloroethane
Concen: 35.532 ng
RT: 9.386 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



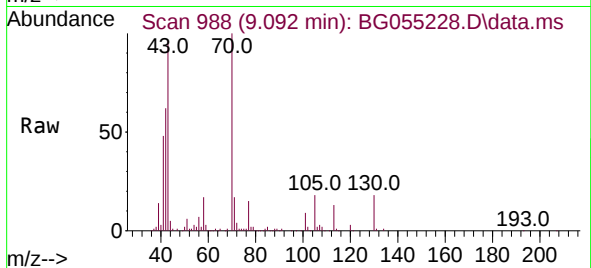
Tgt Ion:117 Resp: 57618
Ion Ratio Lower Upper
117 100
119 97.2 74.0 111.0
201 96.5 71.3 106.9





#19
n-Nitroso-di-n-propylamine
Concen: 32.367 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

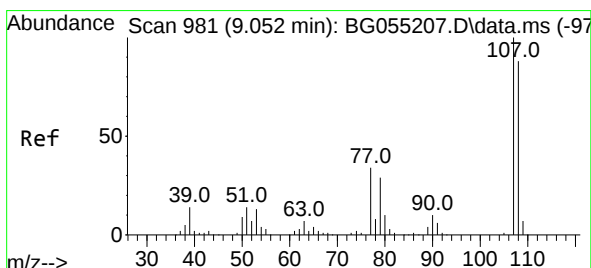
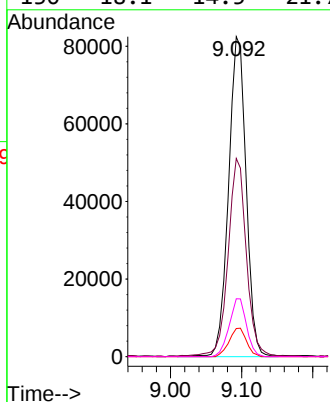
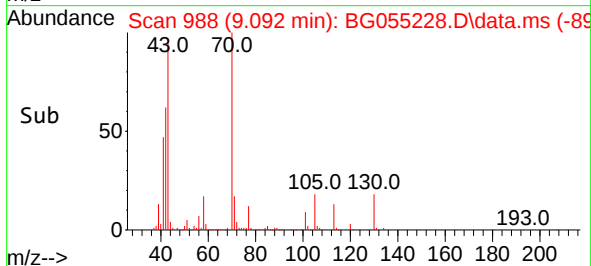
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion: 70 Resp: 141453
Ion Ratio Lower Upper
70 100
42 61.9 50.8 76.2
101 8.8 7.0 10.6
130 18.1 14.5 21.7

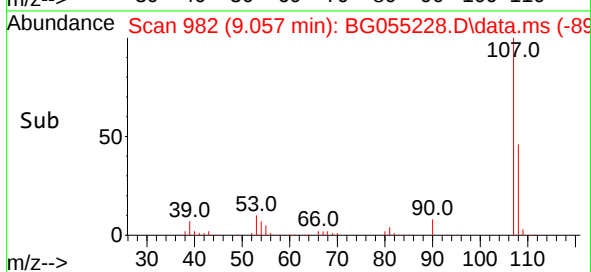
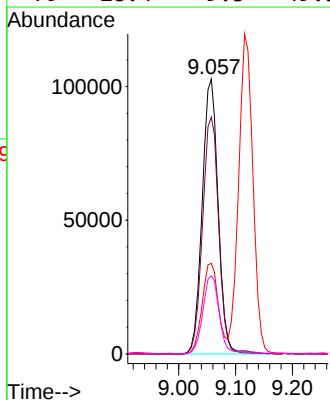
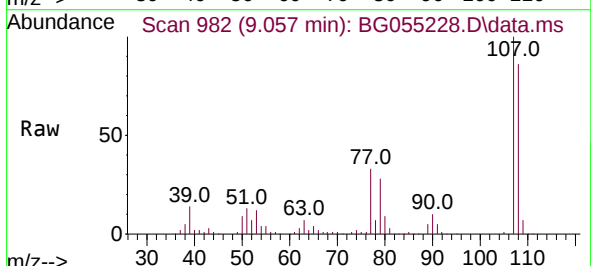
Manual Integrations
APPROVED

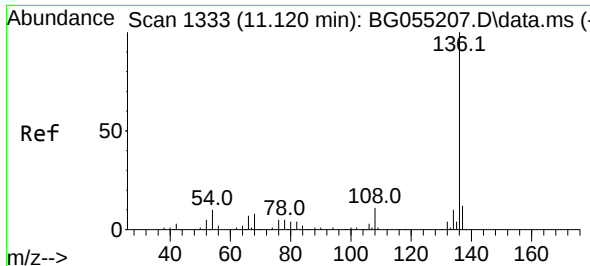
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#20
3+4-Methylphenols
Concen: 35.884 ng
RT: 9.057 min Scan# 982
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:107 Resp: 200975
Ion Ratio Lower Upper
107 100
108 86.2 67.5 107.5
77 32.9 14.4 54.4
79 28.4 9.3 49.3





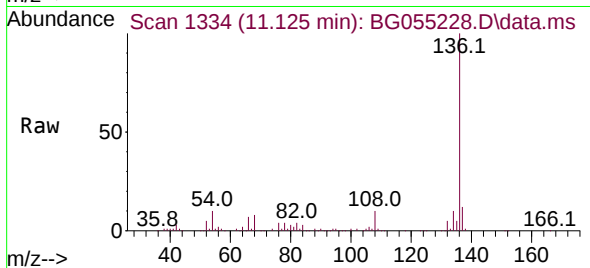
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

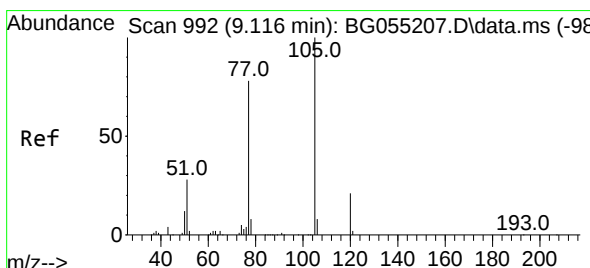
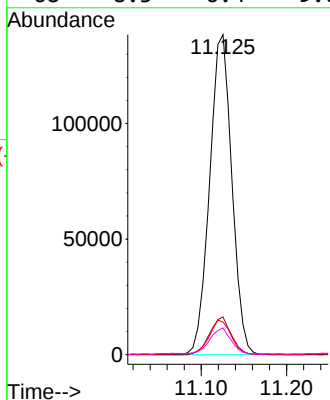
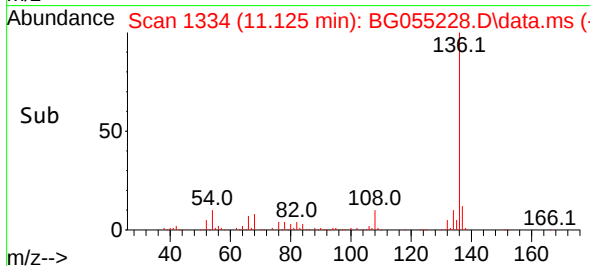


Tgt Ion:136 Resp: 250261
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 10.2 8.2 12.4
68 8.3 6.4 9.6

Manual Integrations

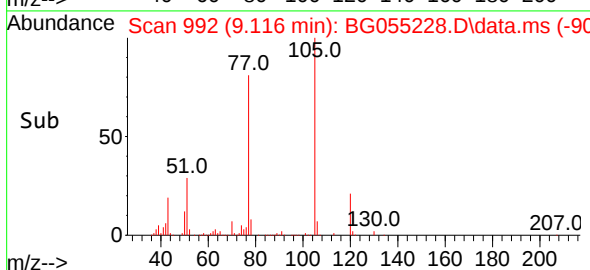
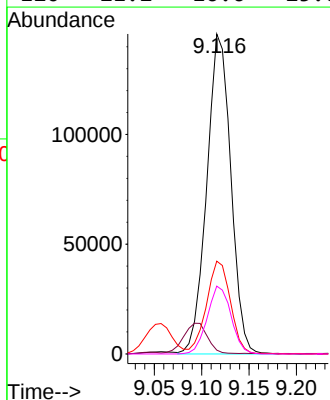
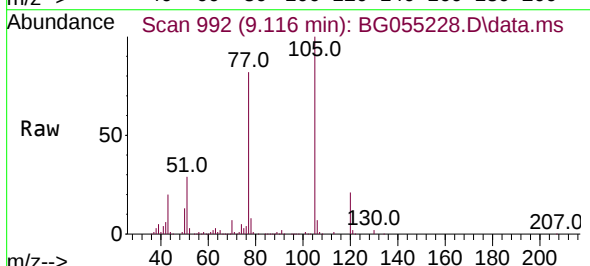
APPROVED

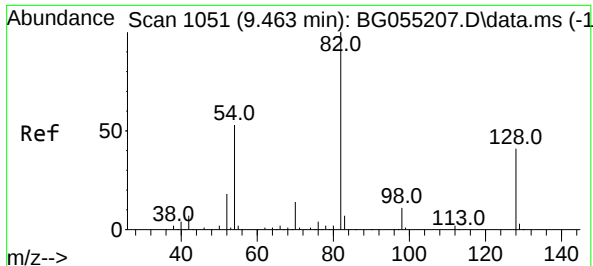
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#22
Acetophenone
Concen: 38.077 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:105 Resp: 257762
Ion Ratio Lower Upper
105 100
71 1.2 1.0 1.4
51 29.0 24.0 36.0
120 21.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 61.559 ng

RT: 9.463 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

Tgt Ion: 82 Resp: 319106

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

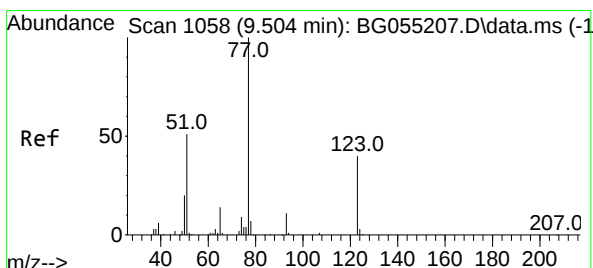
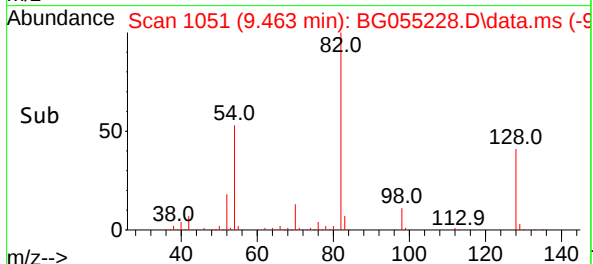
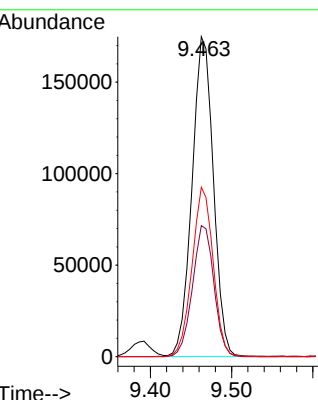
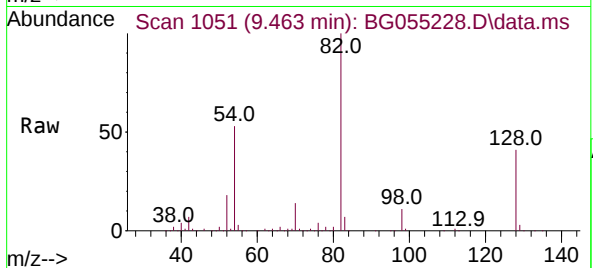
54 52.9 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/21/2022

Supervised By :Jagrut Upadhyay 10/21/2022



#24

Nitrobenzene

Concen: 36.633 ng

RT: 9.510 min Scan# 1059

Delta R.T. 0.006 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

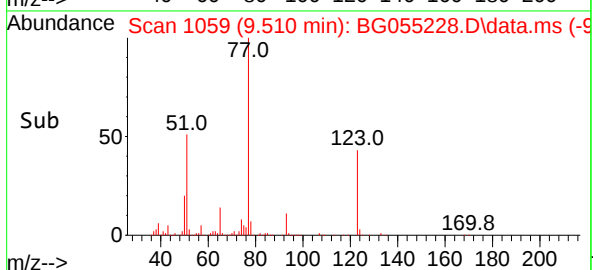
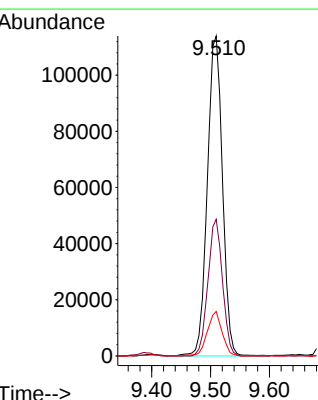
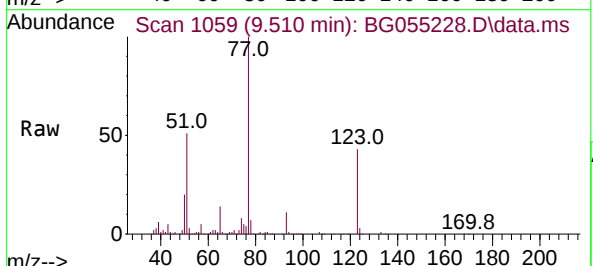
Tgt Ion: 77 Resp: 203054

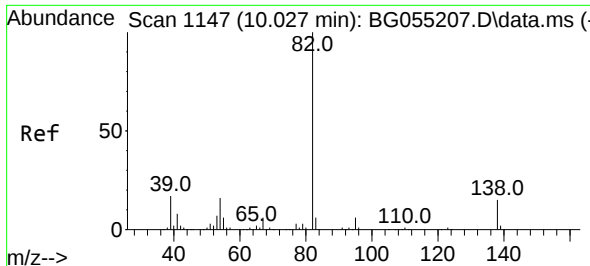
Ion Ratio Lower Upper

77 100

123 42.7 31.8 47.8

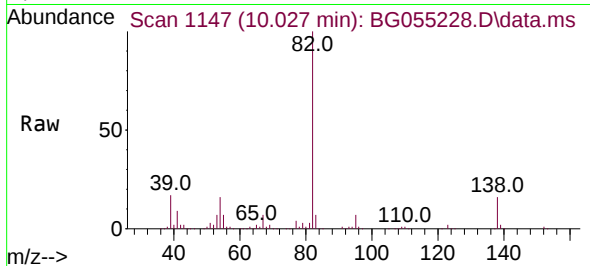
65 13.9 11.1 16.7





#25
Isophorone
Concen: 34.936 ng
RT: 10.027 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

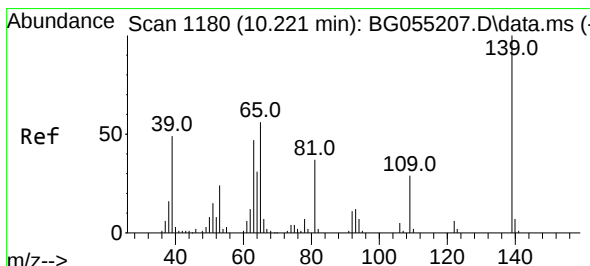
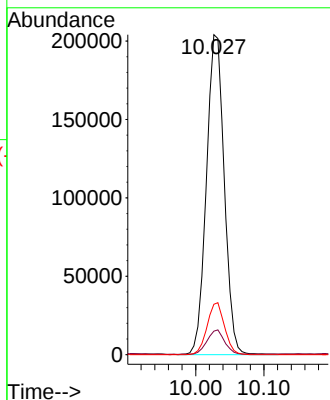
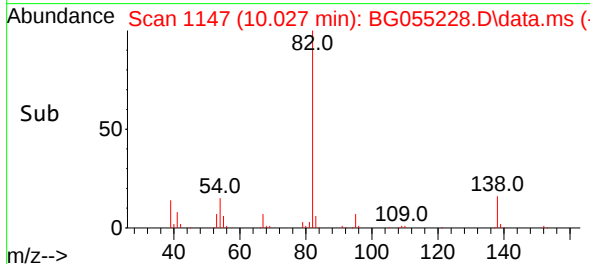
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



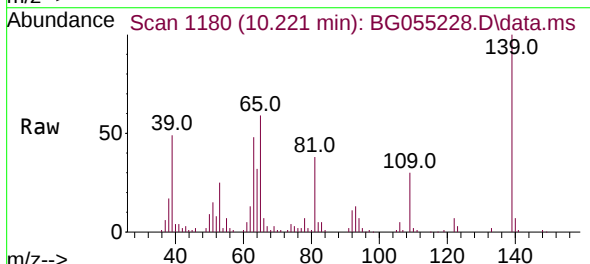
Tgt Ion: 82 Resp: 370519
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.6
138 15.8 12.2 18.4

Manual Integrations
APPROVED

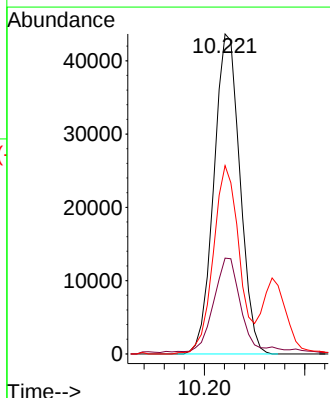
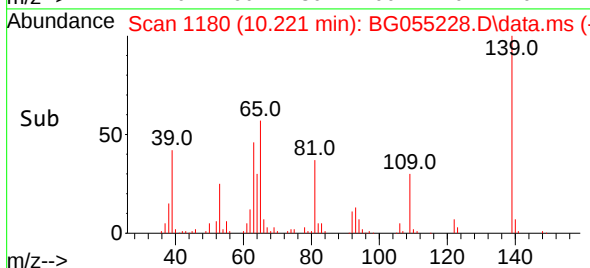
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

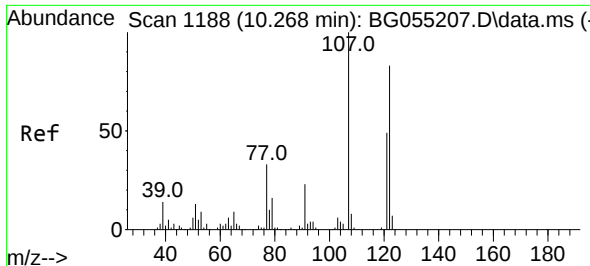


#26
2-Nitrophenol
Concen: 36.138 ng
RT: 10.221 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



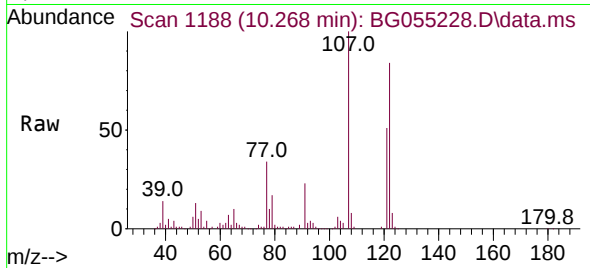
Tgt Ion:139 Resp: 78799
Ion Ratio Lower Upper
139 100
109 29.9 23.1 34.7
65 58.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 46.384 ng m
RT: 10.268 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

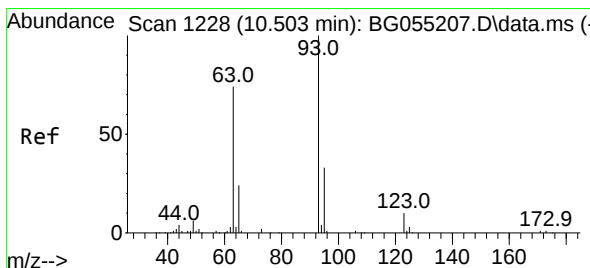
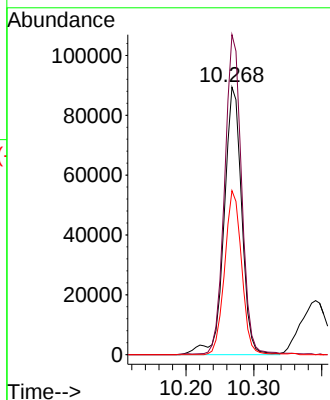
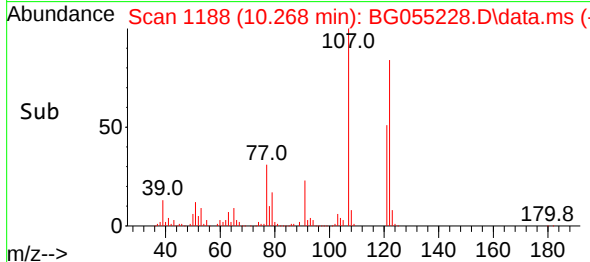
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



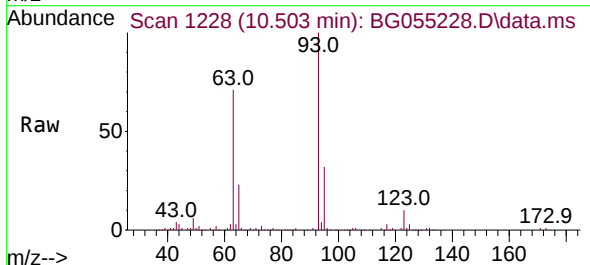
Tgt Ion:122 Resp: 161061
Ion Ratio Lower Upper
122 100
107 119.7 96.9 145.3
121 61.3 47.3 70.9

Manual Integrations
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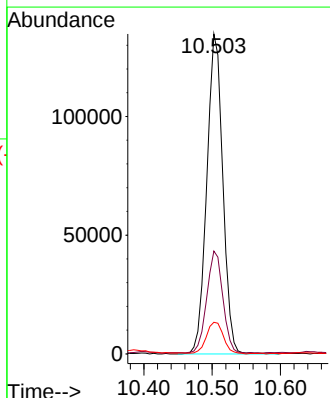
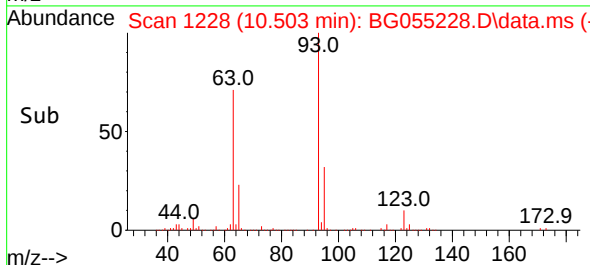
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

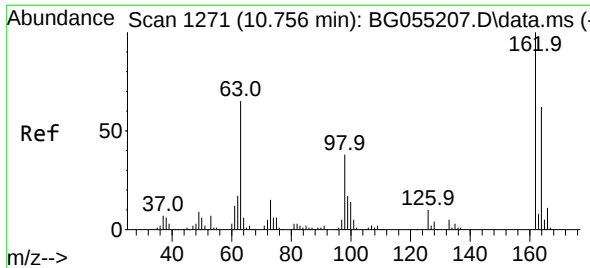


#28
bis(2-Chloroethoxy)methane
Concen: 43.088 ng
RT: 10.503 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



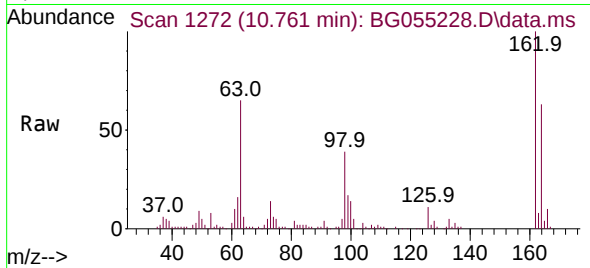
Tgt Ion: 93 Resp: 219595
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.2
123 9.9 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 38.999 ng
RT: 10.761 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

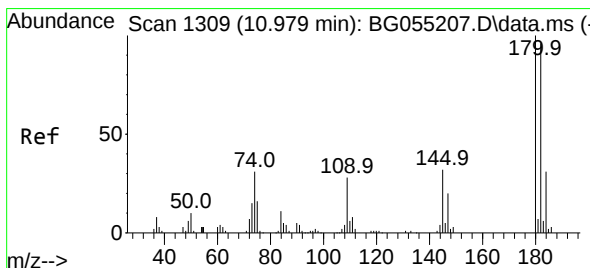
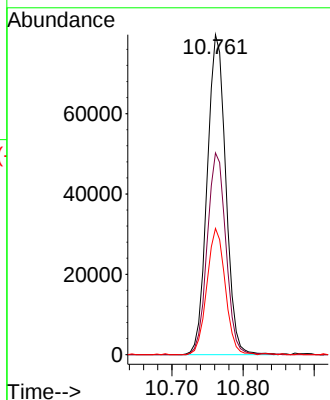
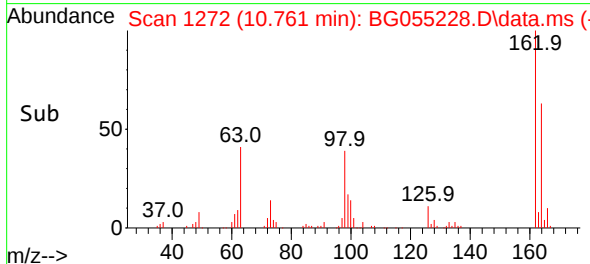
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



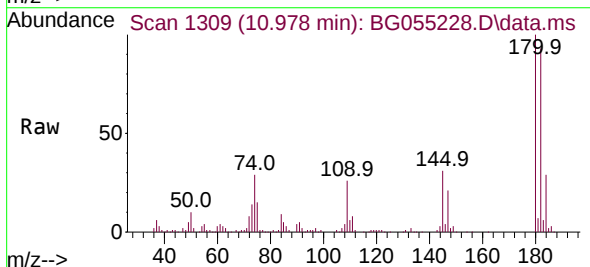
Tgt Ion:162 Resp: 144585
Ion Ratio Lower Upper
162 100
164 63.0 41.9 81.9
98 39.4 18.0 58.0

Manual Integrations
APPROVED

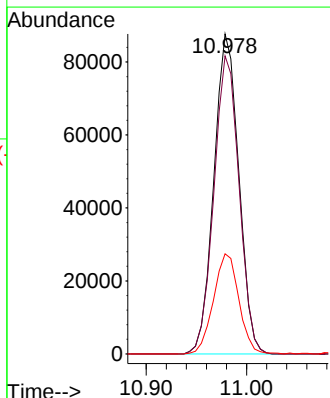
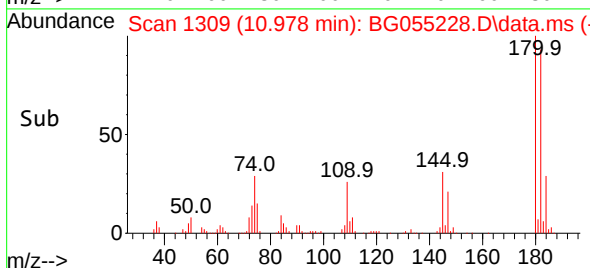
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

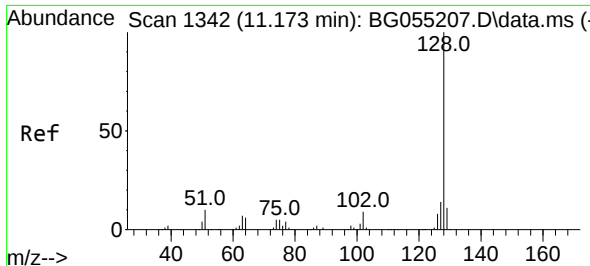


#30
1,2,4-Trichlorobenzene
Concen: 39.813 ng
RT: 10.978 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



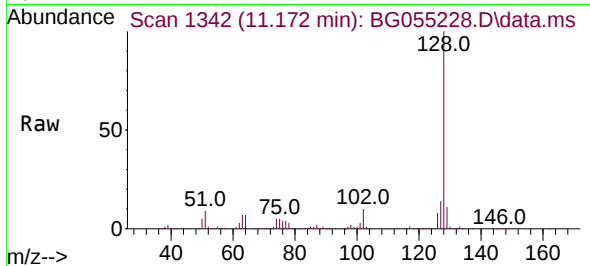
Tgt Ion:180 Resp: 151122
Ion Ratio Lower Upper
180 100
182 93.1 77.0 115.4
145 31.3 26.0 39.0





#31
Naphthalene
Concen: 39.022 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

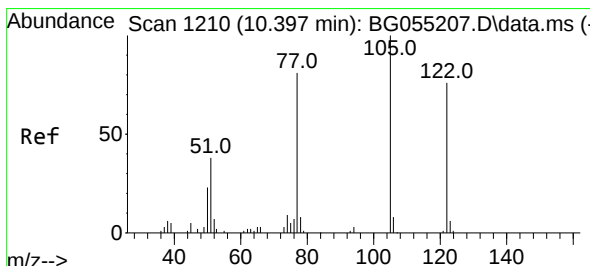
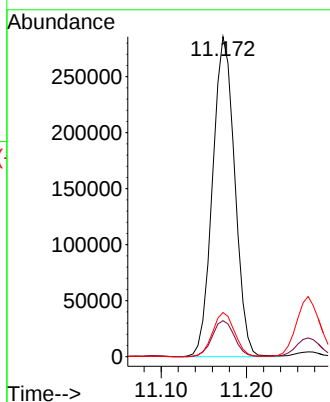
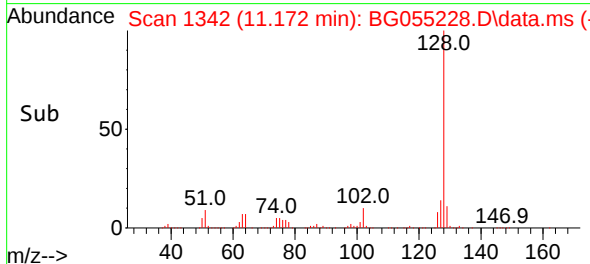
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:128 Resp: 515310
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 11.4 17.2

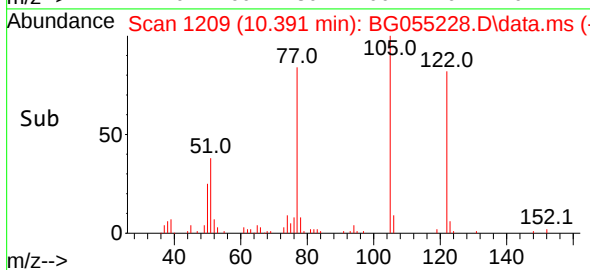
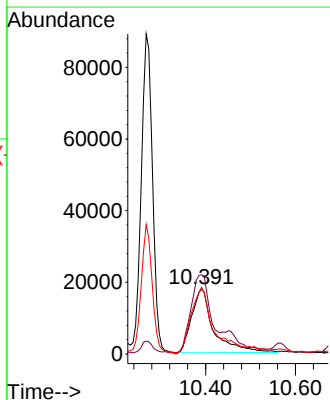
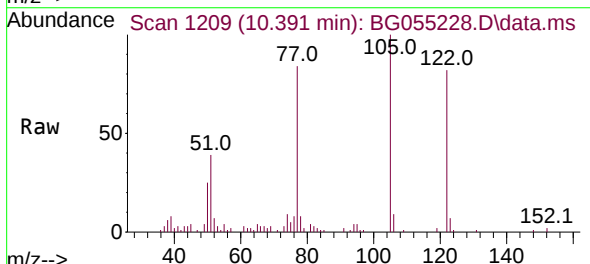
Manual Integrations
APPROVED

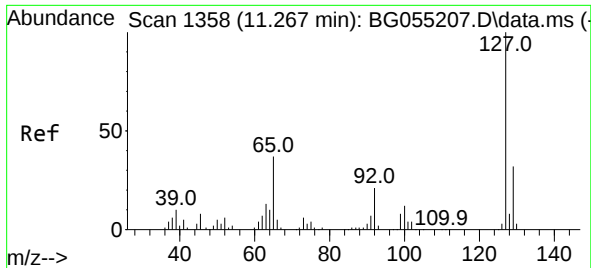
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#32
Benzoic acid
Concen: 24.540 ng
RT: 10.391 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:122 Resp: 60994
Ion Ratio Lower Upper
122 100
105 122.3 110.2 150.2
77 103.2 86.9 126.9





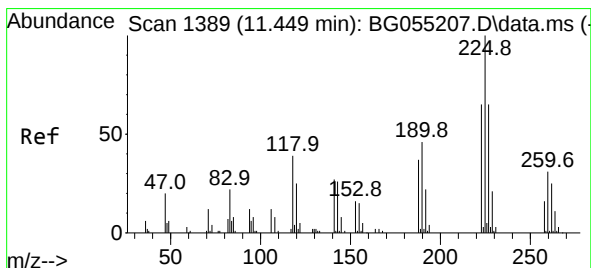
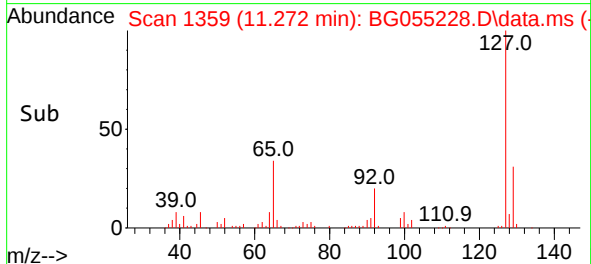
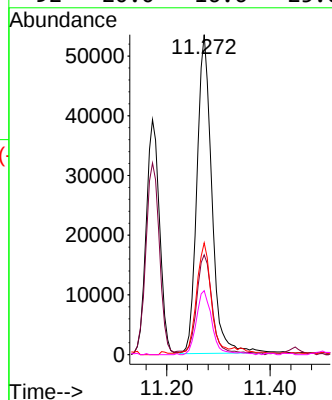
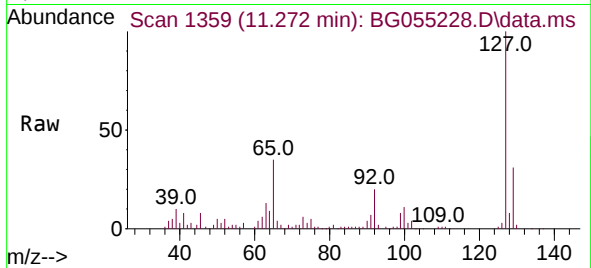
#33
4-Chloroaniline
Concen: 19.595 ng
RT: 11.272 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion:127 Resp: 10655
Ion Ratio Lower Upper
127 100
129 31.2 25.8 38.8
65 34.9 29.4 44.2
92 20.0 16.6 25.0

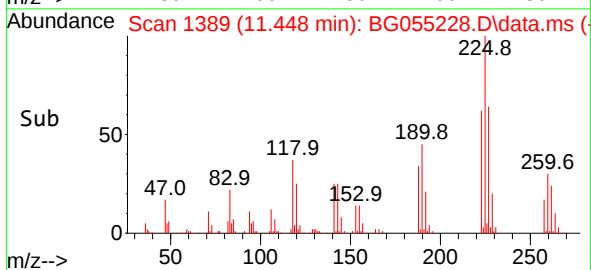
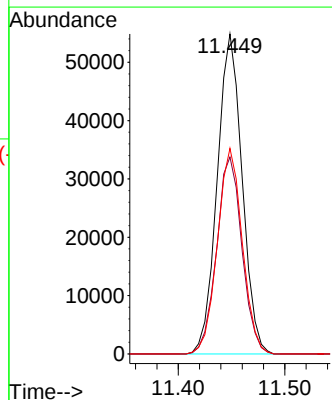
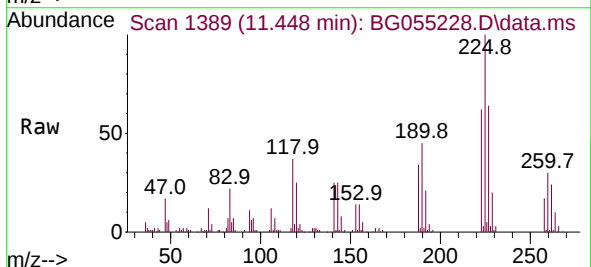
Manual Integrations
APPROVED

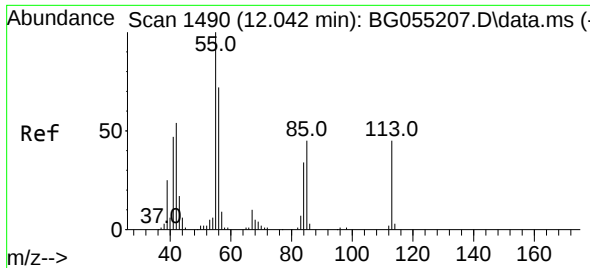
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#34
Hexachlorobutadiene
Concen: 38.923 ng
RT: 11.448 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

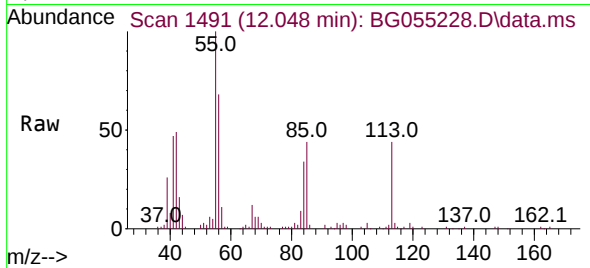
Tgt Ion:225 Resp: 89215
Ion Ratio Lower Upper
225 100
223 61.5 51.7 77.5
227 64.2 52.2 78.2





#35
Caprolactam
Concen: 29.564 ng
RT: 12.048 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

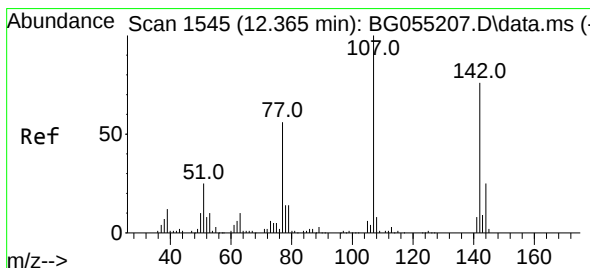
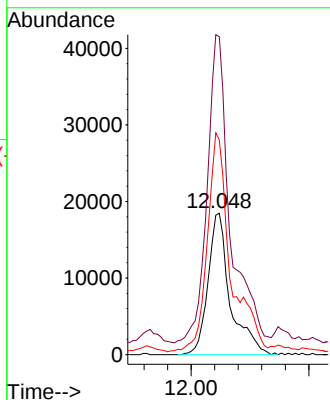
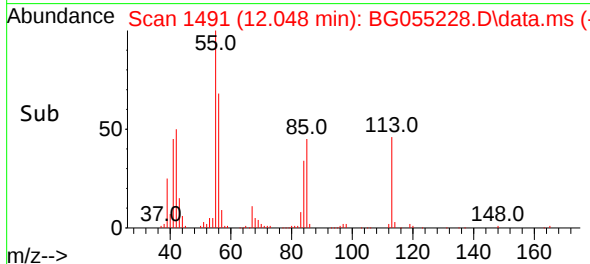
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:113 Resp: 48162
Ion Ratio Lower Upper
113 100
55 224.8 200.5 240.5
56 151.8 137.8 177.8

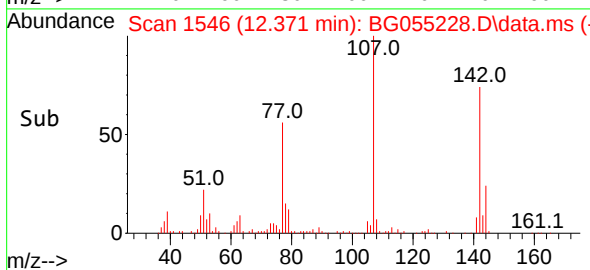
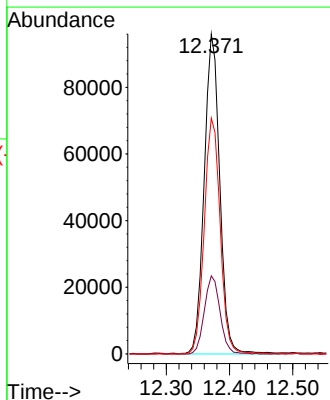
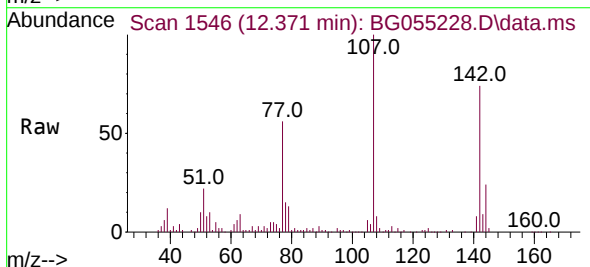
Manual Integrations
APPROVED

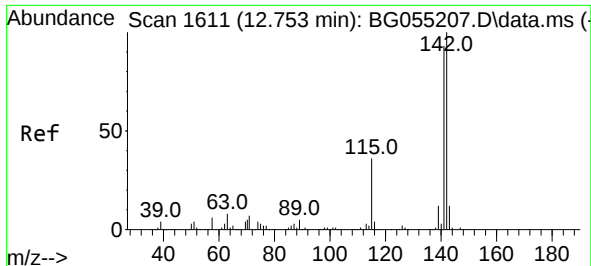
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#36
4-Chloro-3-methylphenol
Concen: 34.094 ng
RT: 12.371 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:107 Resp: 164355
Ion Ratio Lower Upper
107 100
144 24.4 19.7 29.5
142 73.7 60.7 91.1





#37

2-Methylnaphthalene

Concen: 34.258 ng

RT: 12.753 min Scan# 1611

Delta R.T. -0.000 min

Lab File: BG055228.D

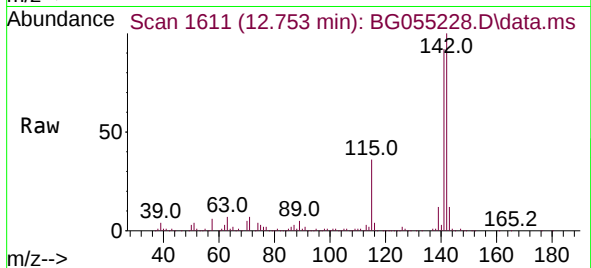
Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD



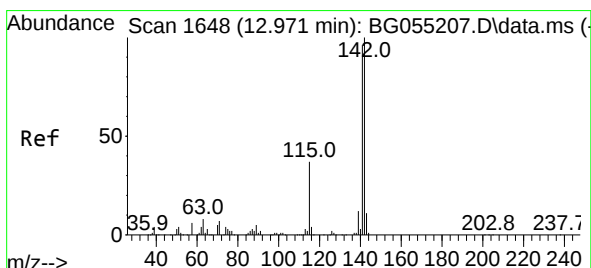
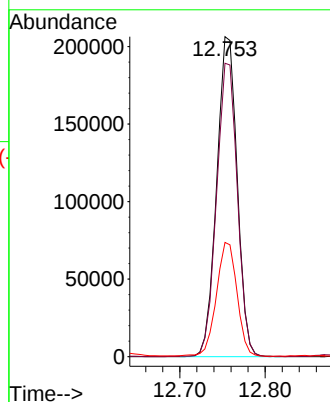
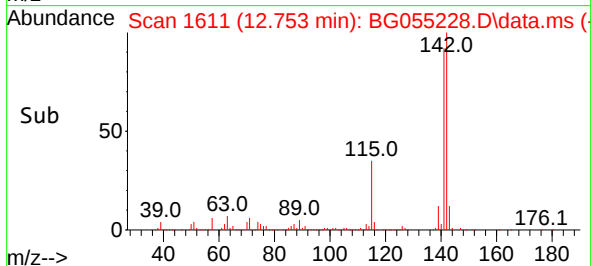
Tgt Ion:	142	Resp:	34410
Ion Ratio	Lower	Upper	
142	100		
141	91.7	74.8	112.2
115	35.7	28.6	43.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/21/2022

Supervised By :Jagrut Upadhyay 10/21/2022



#38

1-Methylnaphthalene

Concen: 32.966 ng

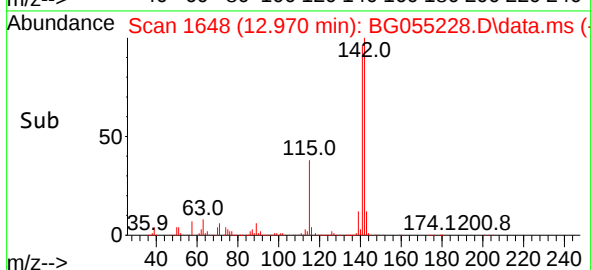
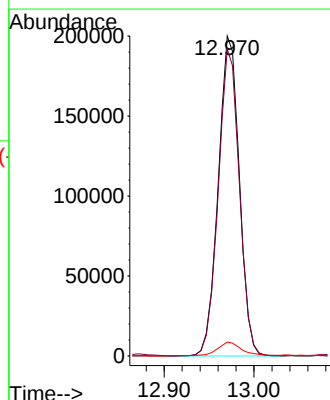
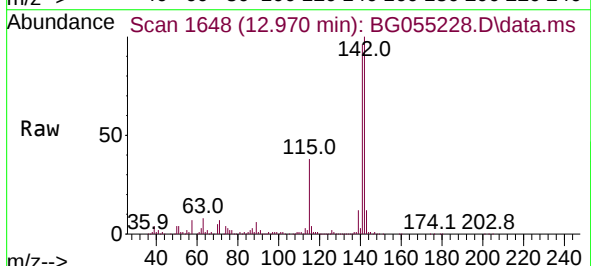
RT: 12.970 min Scan# 1648

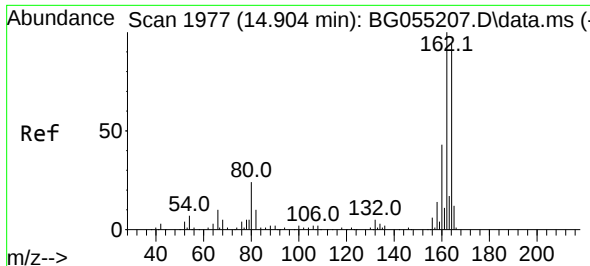
Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

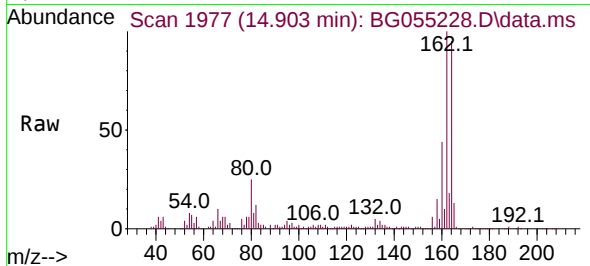
Tgt Ion:	142	Resp:	326895
Ion Ratio	Lower	Upper	
142	100		
141	95.9	77.0	115.4
116	4.3	3.0	4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.903 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

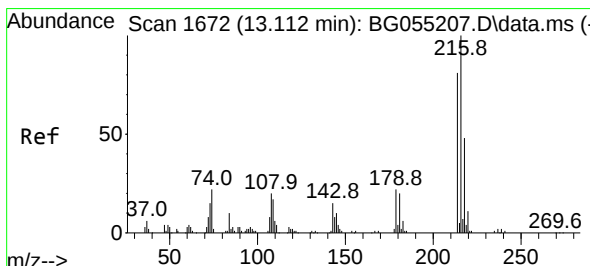
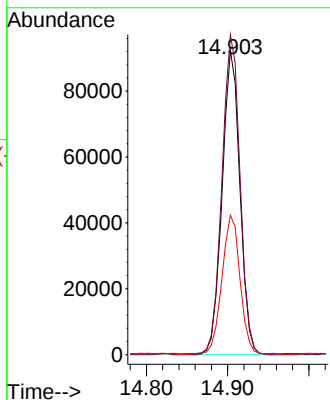
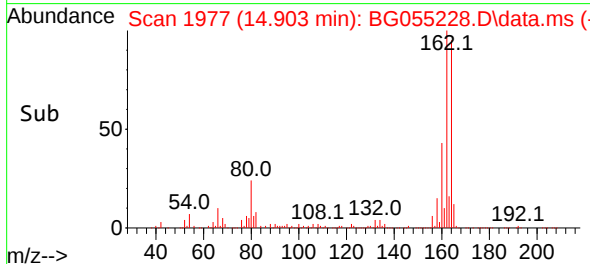
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



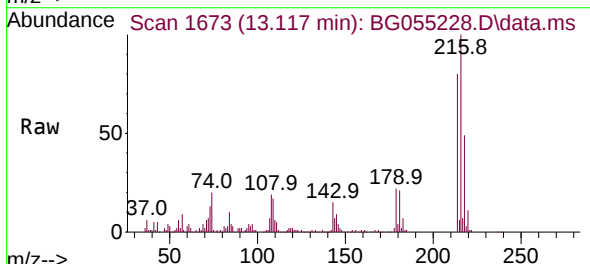
Tgt Ion:164 Resp: 140529
Ion Ratio Lower Upper
164 100
162 105.3 85.2 127.8
160 45.9 36.4 54.6

Manual Integrations
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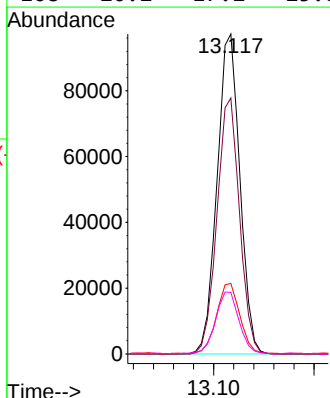
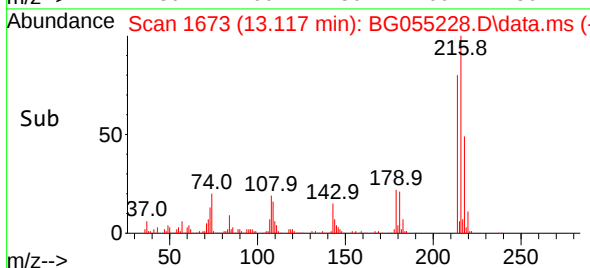
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

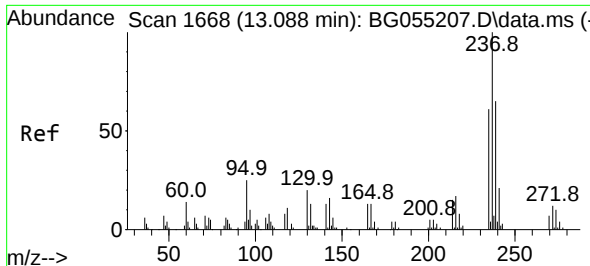


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.487 ng
RT: 13.117 min Scan# 1673
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



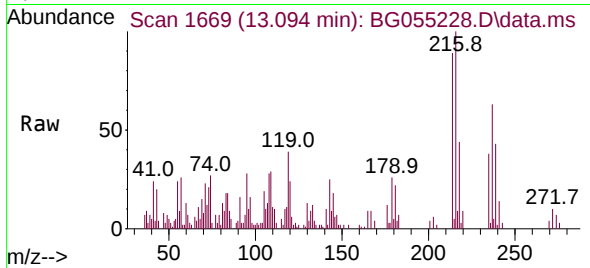
Tgt Ion:216 Resp: 153554
Ion Ratio Lower Upper
216 100
214 79.1 64.2 96.2
179 22.7 17.4 26.0
108 20.2 17.2 25.8





#41
Hexachlorocyclopentadiene
Concen: 7.719 ng
RT: 13.094 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

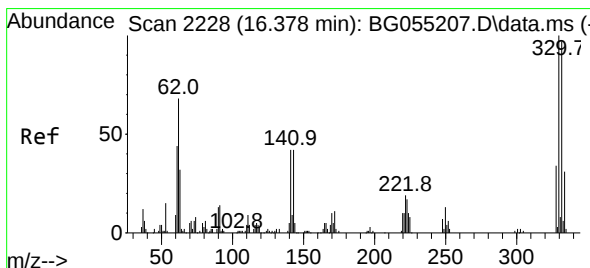
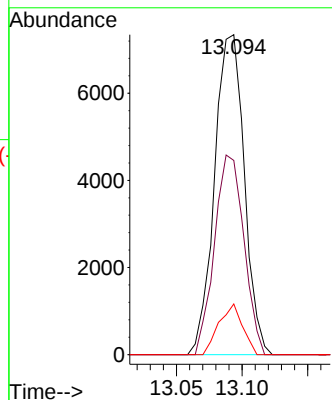
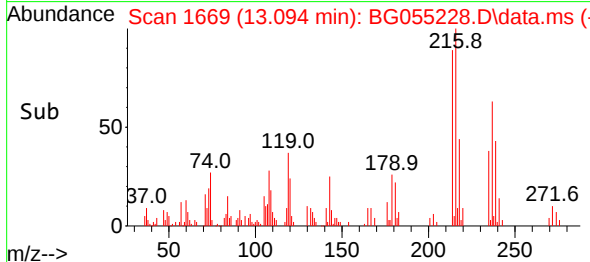
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



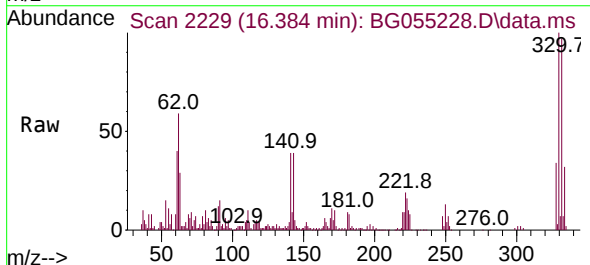
Tgt Ion:237 Resp: 11611
Ion Ratio Lower Upper
237 100
235 60.7 41.1 81.1
272 15.8 0.0 32.4

Manual Integrations
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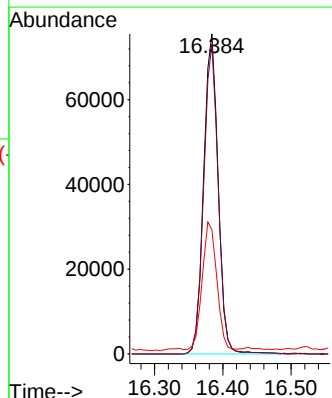
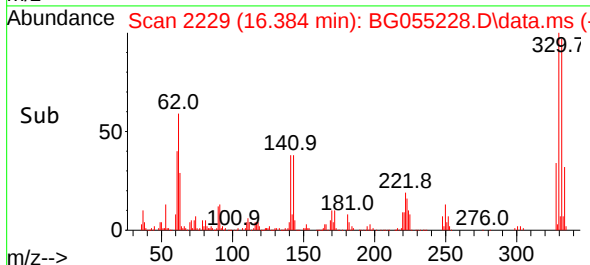
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

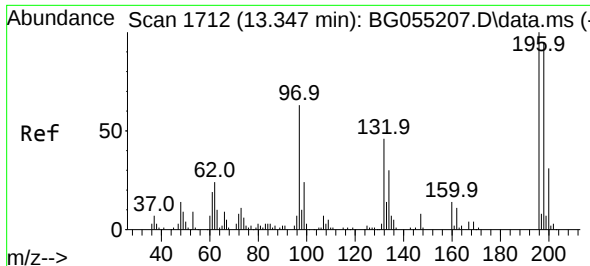


#42
2,4,6-Tribromophenol
Concen: 76.594 ng
RT: 16.384 min Scan# 2229
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



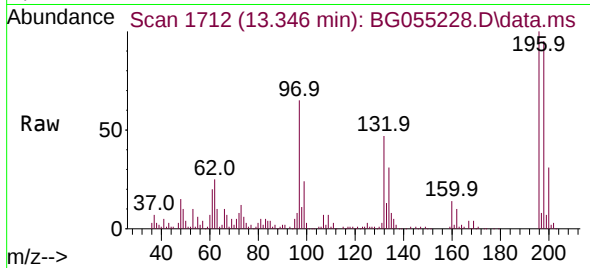
Tgt Ion:330 Resp: 111533
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 40.1 33.5 50.3





#43
2,4,6-Trichlorophenol
Concen: 41.448 ng
RT: 13.346 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

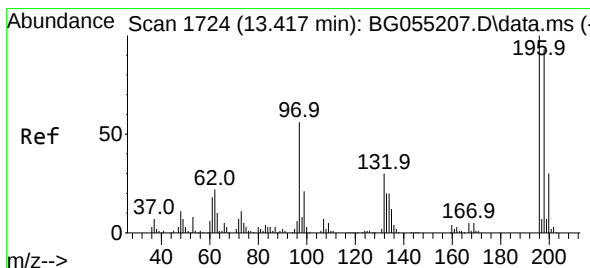
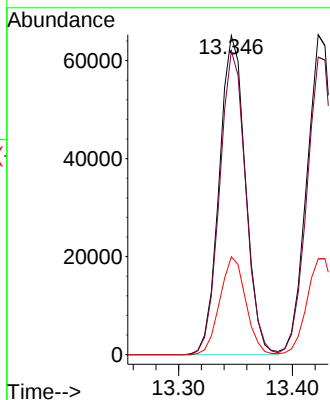
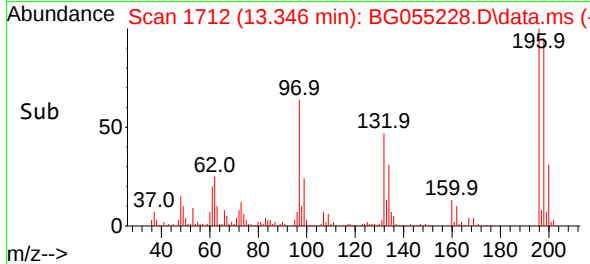
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



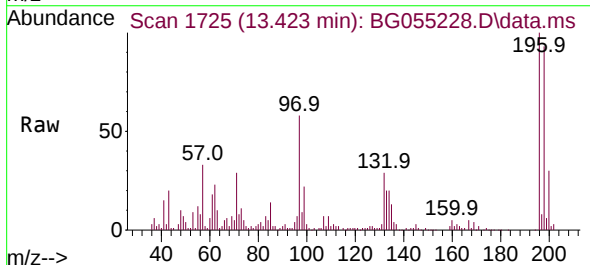
Tgt Ion:196 Resp: 104202
Ion Ratio Lower Upper
196 100
198 95.2 76.1 114.1
200 30.7 24.8 37.2

Manual Integrations
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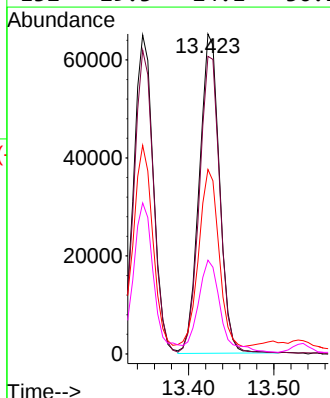
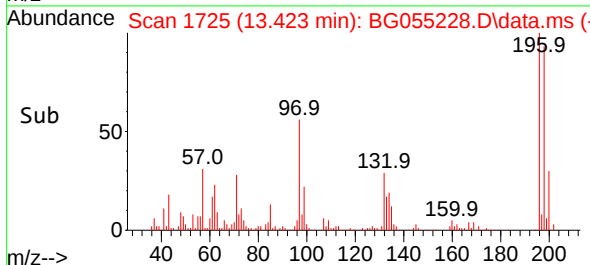
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

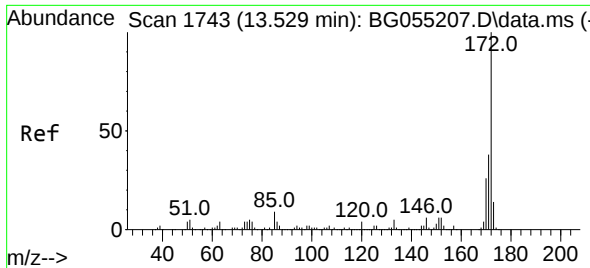


#44
2,4,5-Trichlorophenol
Concen: 38.881 ng
RT: 13.423 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



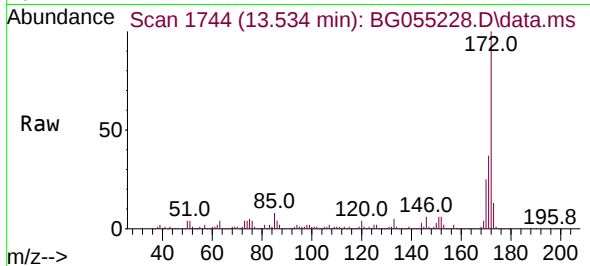
Tgt Ion:196 Resp: 107240
Ion Ratio Lower Upper
196 100
198 93.0 74.5 111.7
97 57.6 44.6 66.8
132 29.3 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 61.551 ng
RT: 13.534 min Scan# 1770
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

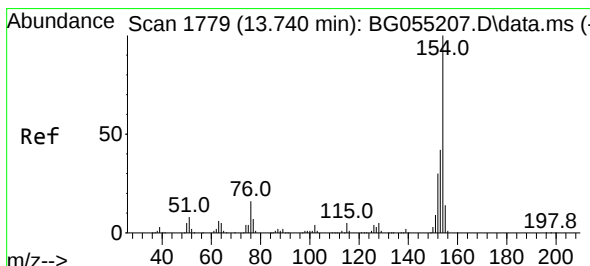
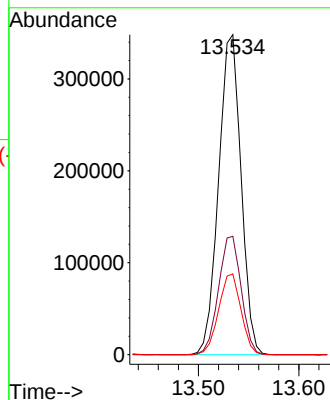
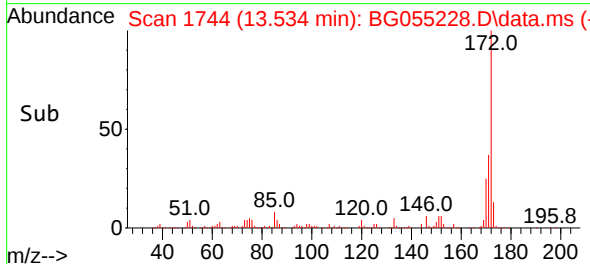
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



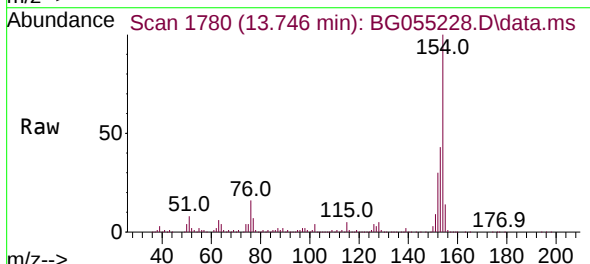
Tgt Ion:172 Resp: 541515
Ion Ratio Lower Upper
172 100
171 37.0 30.3 45.5
170 25.2 20.6 30.8

Manual Integrations
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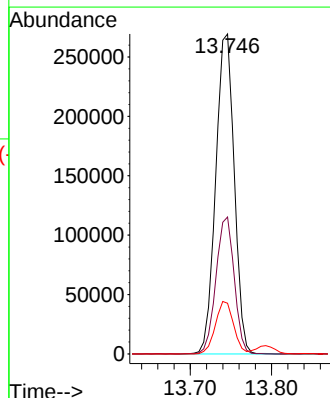
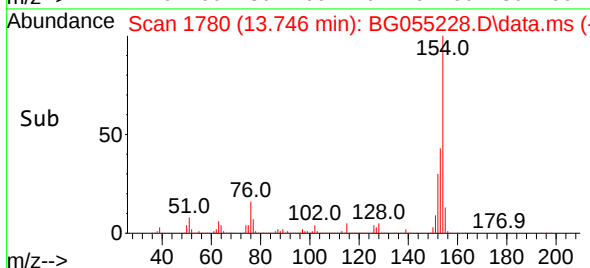
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

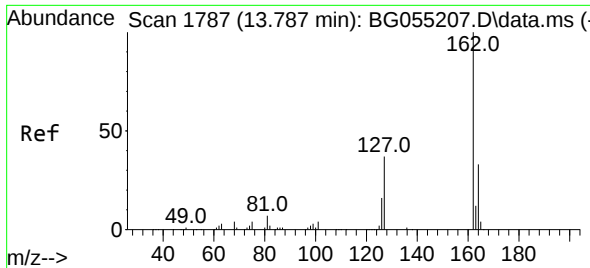


#46
1,1'-Biphenyl
Concen: 42.831 ng
RT: 13.746 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



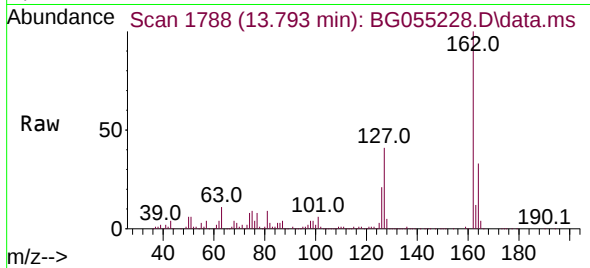
Tgt Ion:154 Resp: 426202
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 15.8 0.0 35.8





#47
2-Chloronaphthalene
Concen: 41.108 ng
RT: 13.793 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

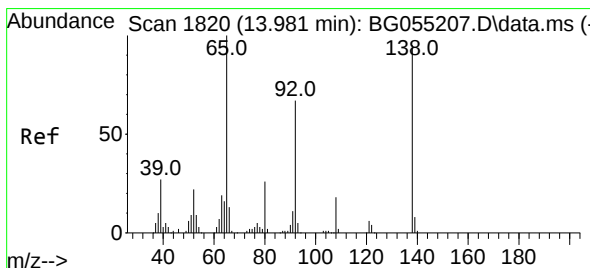
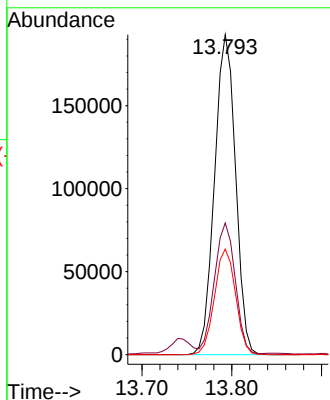
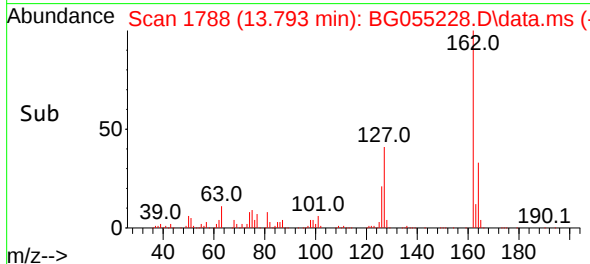
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:162 Resp: 314926
Ion Ratio Lower Upper
162 100
127 41.2 33.5 50.3
164 33.0 26.4 39.6

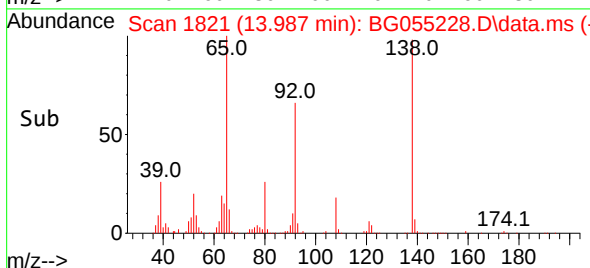
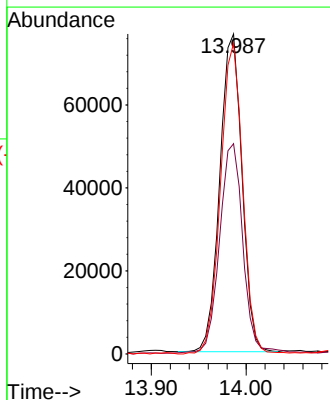
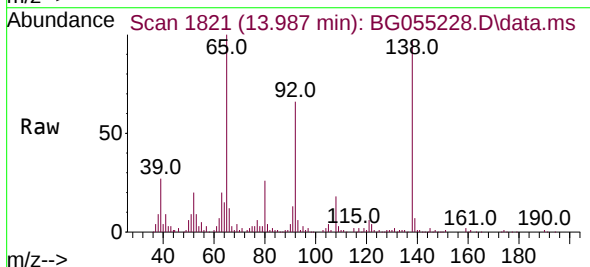
Manual Integrations
APPROVED

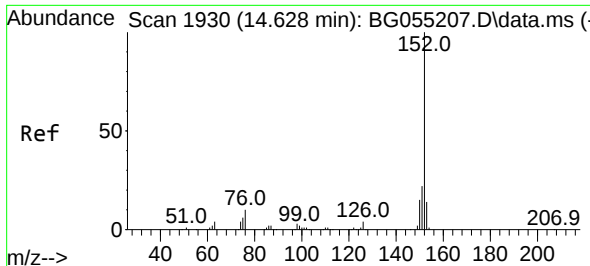
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#48
2-Nitroaniline
Concen: 40.035 ng
RT: 13.987 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

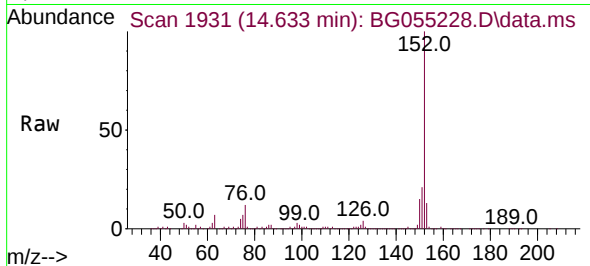
Tgt Ion: 65 Resp: 124465
Ion Ratio Lower Upper
65 100
92 65.7 53.8 80.8
138 97.1 76.0 114.0





#49
Acenaphthylene
Concen: 38.352 ng
RT: 14.633 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

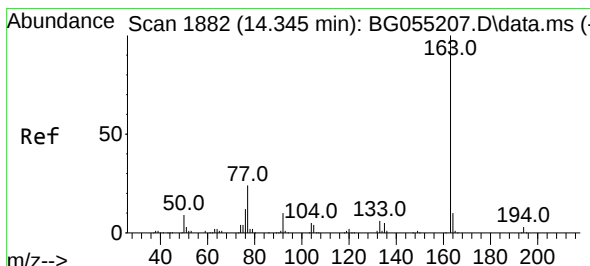
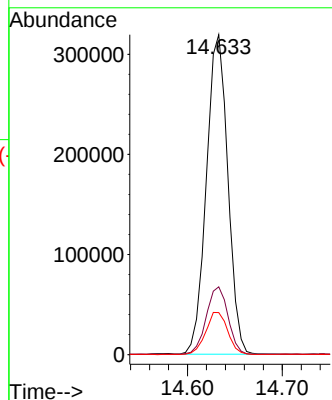
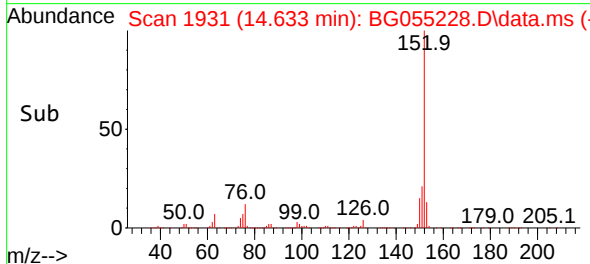
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



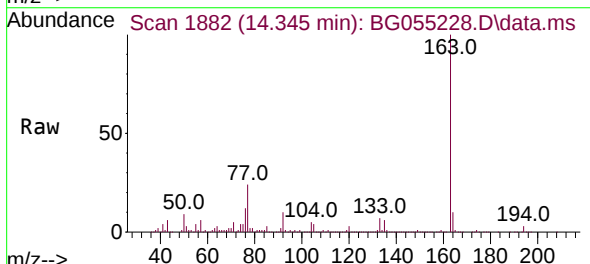
Tgt Ion:152 Resp: 502616
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 13.1 11.0 16.6

Manual Integrations
APPROVED

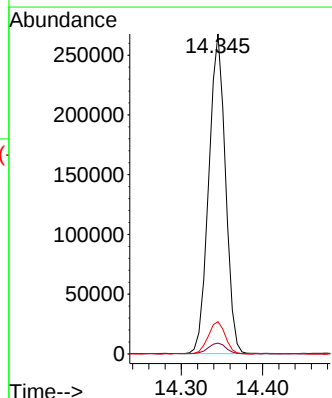
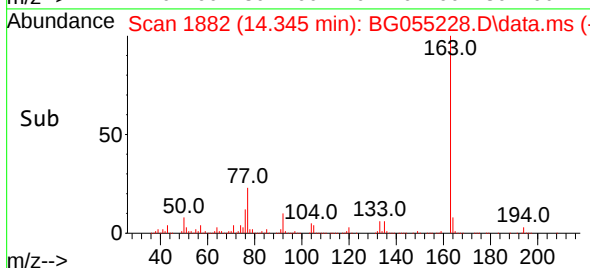
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

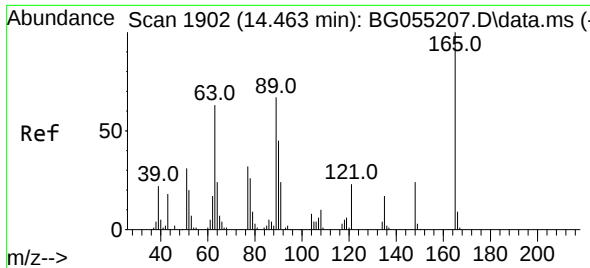


#50
Dimethylphthalate
Concen: 34.545 ng
RT: 14.345 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



Tgt Ion:163 Resp: 381856
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.3 12.5





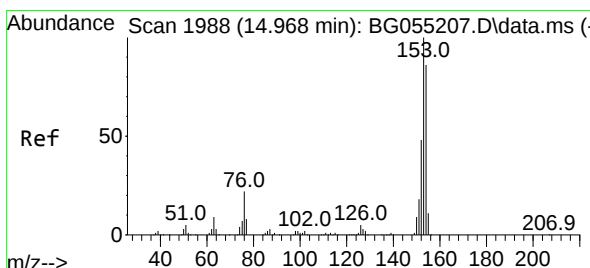
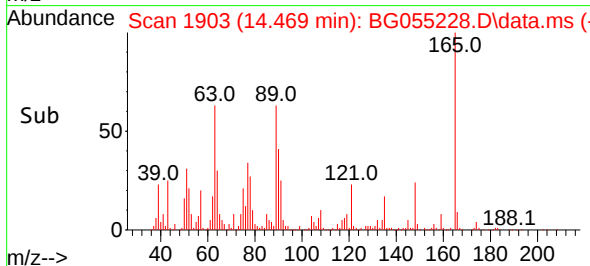
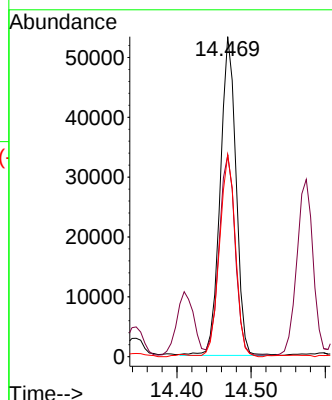
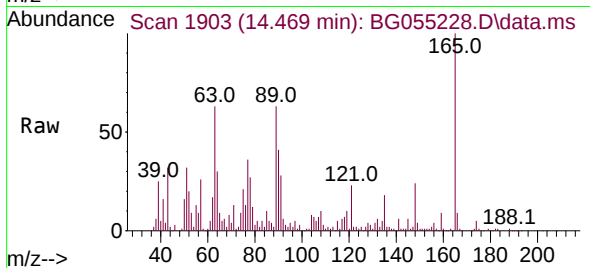
#51
2,6-Dinitrotoluene
Concen: 35.641 ng
RT: 14.469 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion:165 Resp: 79050
Ion Ratio Lower Upper
165 100
63 63.0 56.1 84.1
89 63.0 53.4 80.0

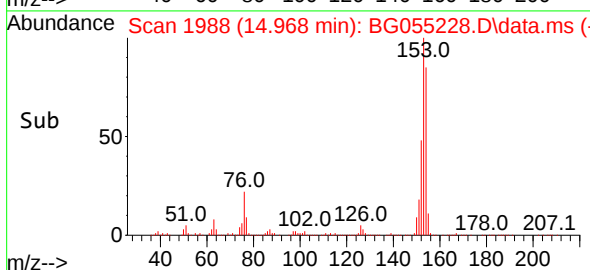
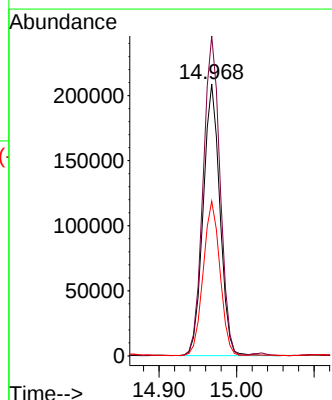
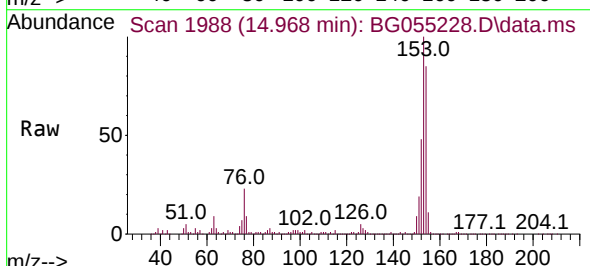
Manual Integrations
APPROVED

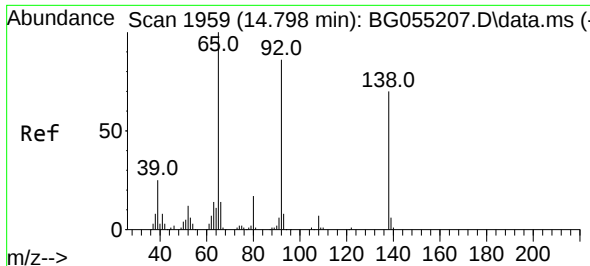
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#52
Acenaphthene
Concen: 37.369 ng
RT: 14.968 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

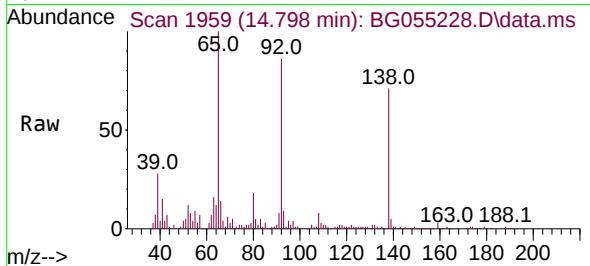
Tgt Ion:154 Resp: 311811
Ion Ratio Lower Upper
154 100
153 117.7 93.3 139.9
152 56.9 45.1 67.7





#53
3-Nitroaniline
Concen: 30.689 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

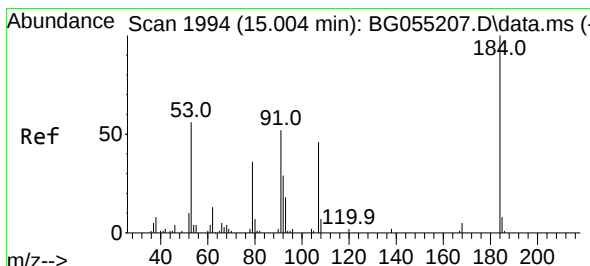
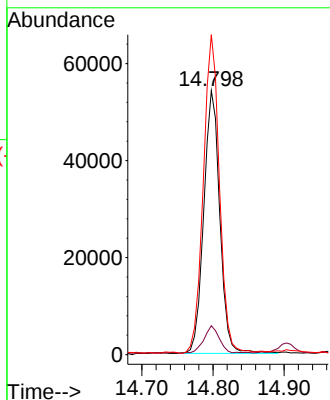
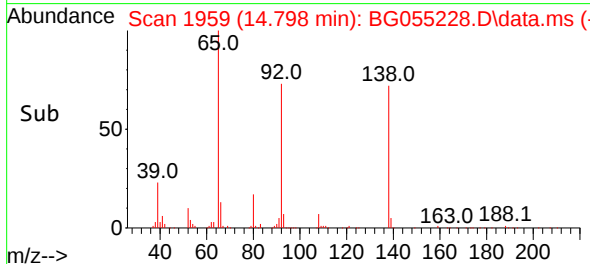
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:138 Resp: 84786
Ion Ratio Lower Upper
138 100
108 10.9 7.5 11.3
92 121.2 98.0 147.0

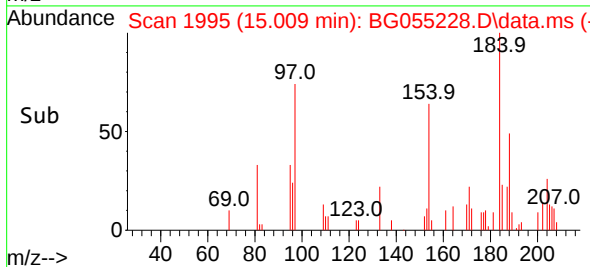
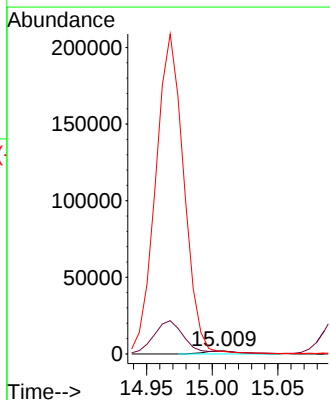
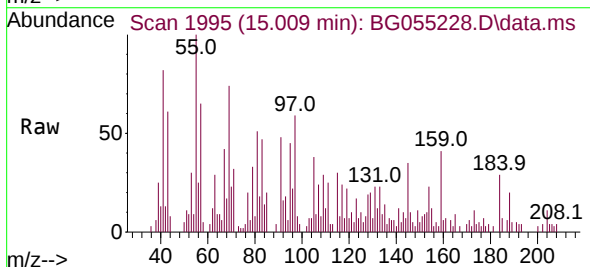
Manual Integrations
APPROVED

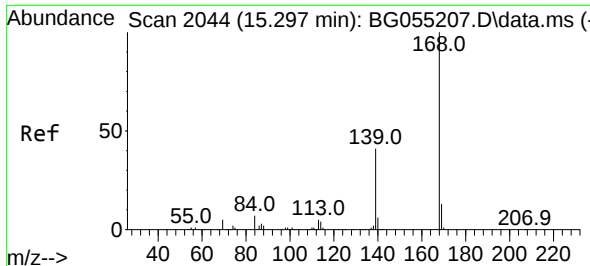
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#54
2,4-Dinitrophenol
Concen: 2.901 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

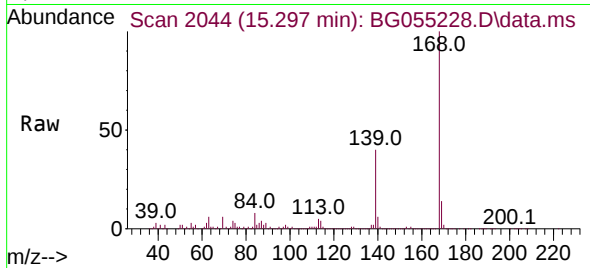
Tgt Ion:184 Resp: 3244
Ion Ratio Lower Upper
184 100
63 97.2 61.2 91.8#
154 79.5 50.4 75.6#





#55
Dibenzofuran
Concen: 40.351 ng
RT: 15.297 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

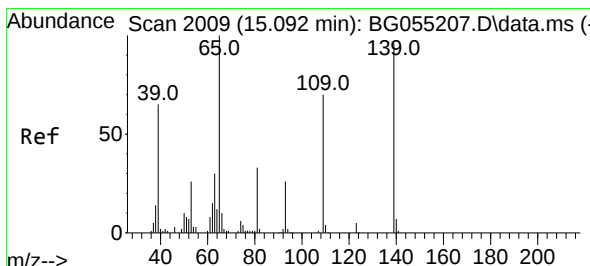
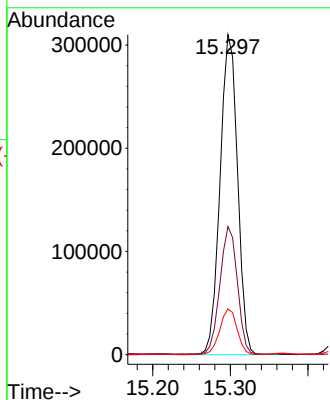
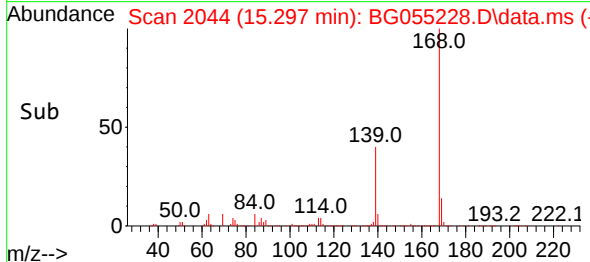
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



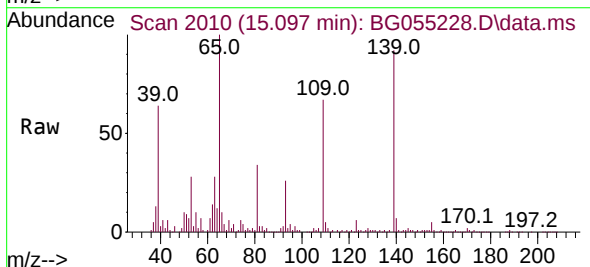
Tgt Ion:168 Resp: 484975
Ion Ratio Lower Upper
168 100
139 40.0 32.6 48.8
169 14.3 10.7 16.1

Manual Integrations
APPROVED

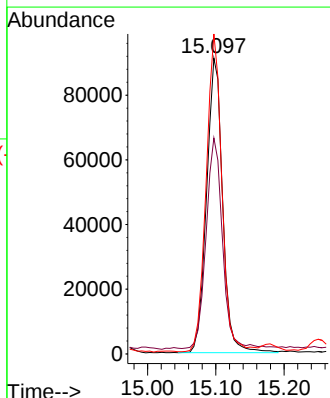
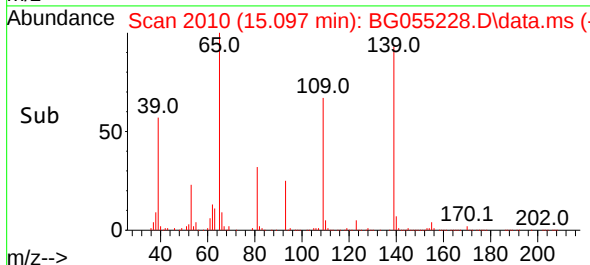
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

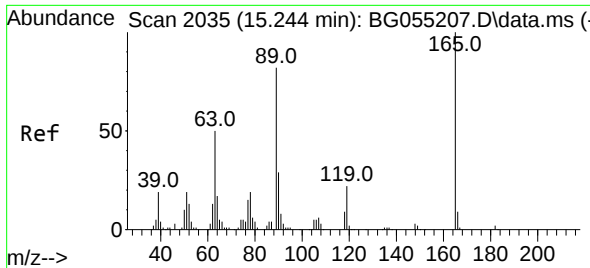


#56
4-Nitrophenol
Concen: 76.708 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



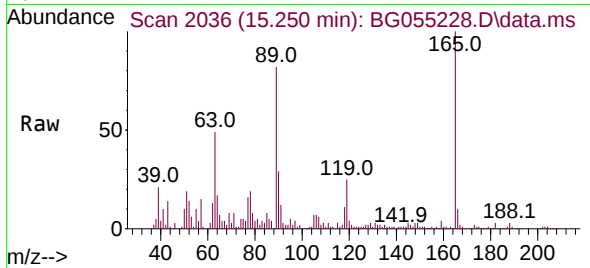
Tgt Ion:139 Resp: 149014
Ion Ratio Lower Upper
139 100
109 73.0 53.0 93.0
65 108.2 84.8 124.8





#57
2,4-Dinitrotoluene
Concen: 32.600 ng
RT: 15.250 min Scan# 2035
Delta R.T. 0.005 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

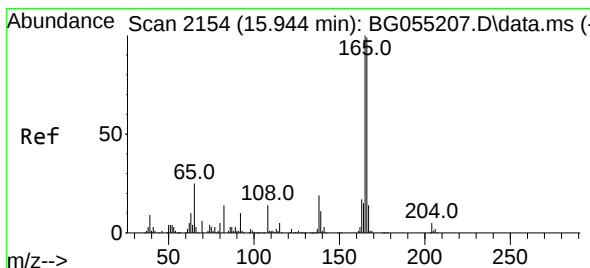
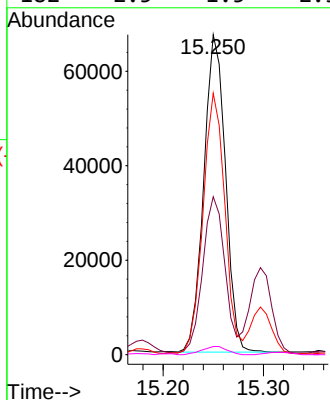
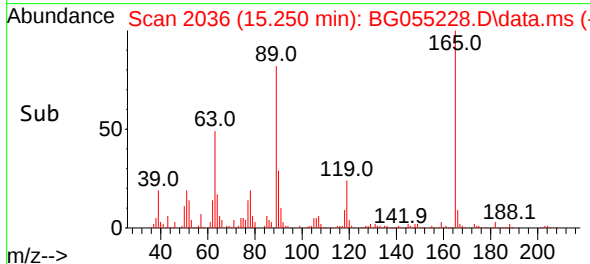
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:165 Resp: 101101
Ion Ratio Lower Upper
165 100
63 49.4 39.8 59.8
89 81.7 66.0 99.0
182 2.5 1.5 2.3#

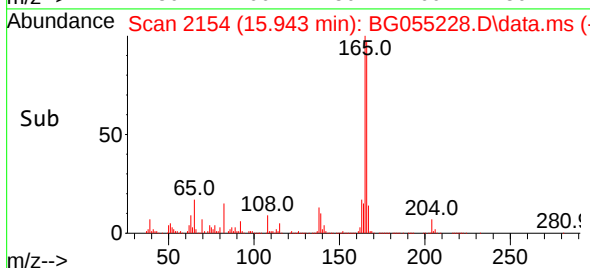
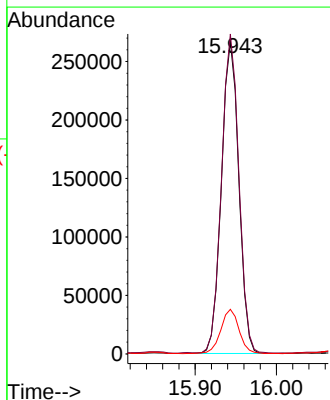
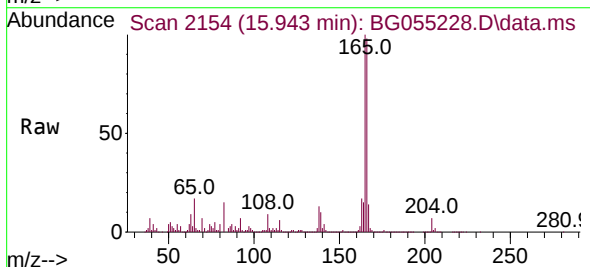
Manual Integrations
APPROVED

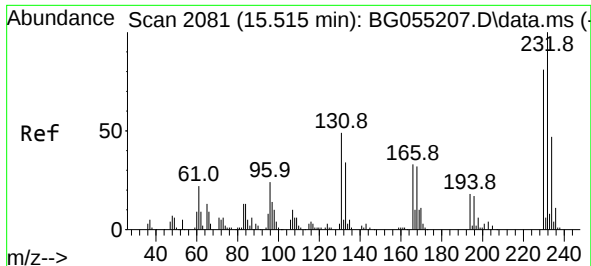
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#58
Fluorene
Concen: 39.104 ng
RT: 15.943 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

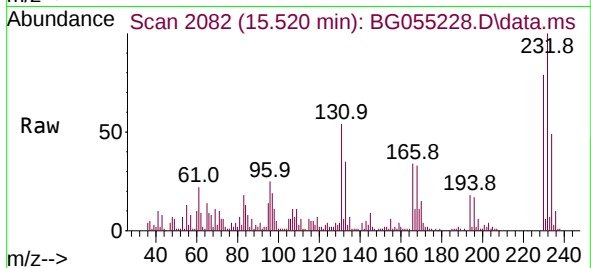
Tgt Ion:166 Resp: 395798
Ion Ratio Lower Upper
166 100
165 102.5 81.0 121.6
167 14.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.472 ng
RT: 15.520 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

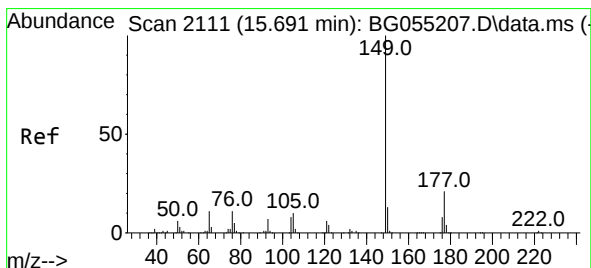
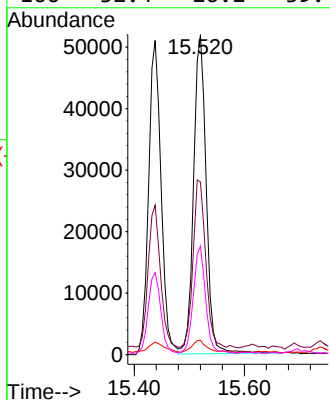
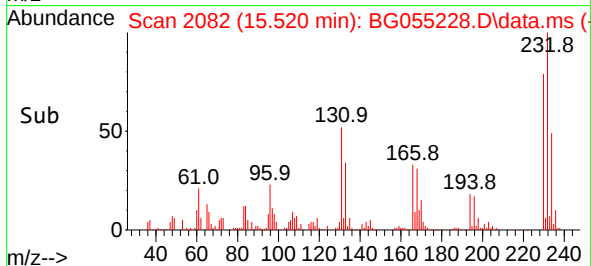
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:232 Resp: 82791
Ion Ratio Lower Upper
232 100
131 54.1 40.5 60.7
130 4.8 2.2 3.2
166 32.4 26.2 39.4

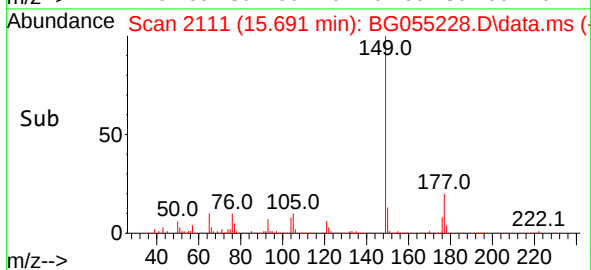
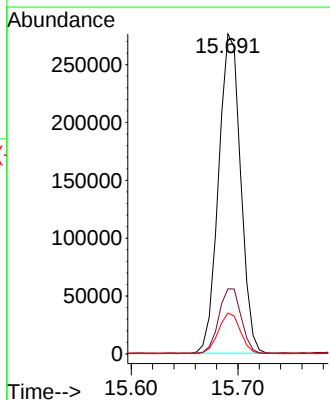
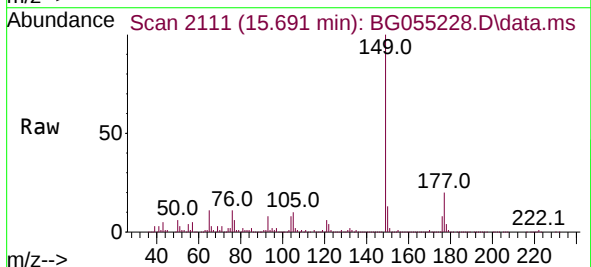
Manual Integrations
APPROVED

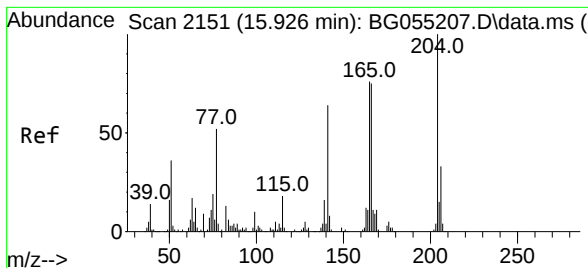
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#60
Diethylphthalate
Concen: 34.288 ng
RT: 15.691 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

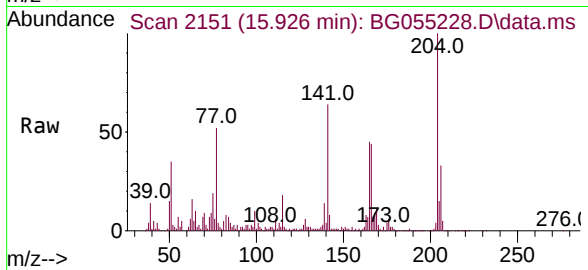
Tgt Ion:149 Resp: 396504
Ion Ratio Lower Upper
149 100
177 20.3 16.4 24.6
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.323 ng
RT: 15.926 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

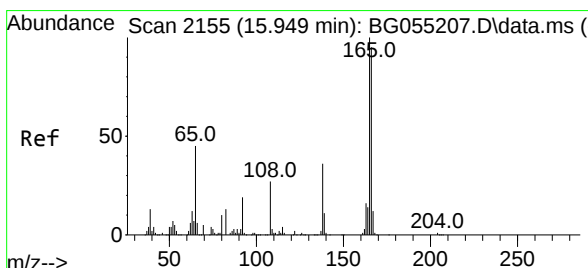
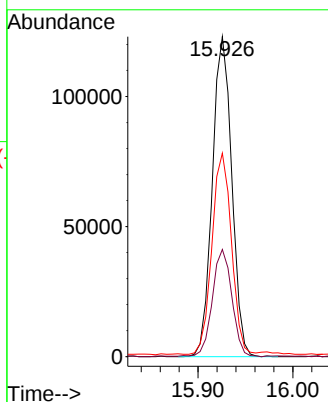
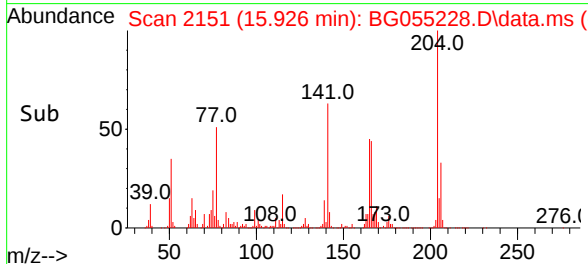
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



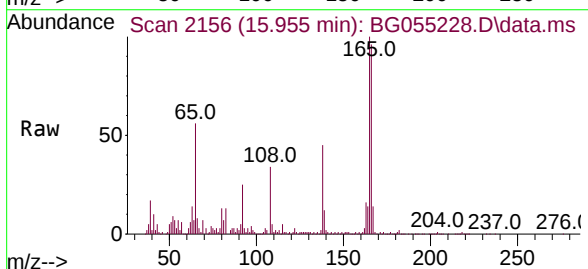
Tgt Ion:204 Resp: 17534
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 63.6 51.0 76.4

Manual Integrations
APPROVED

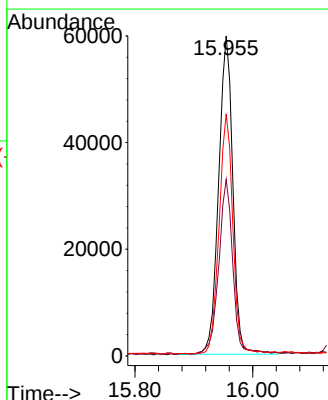
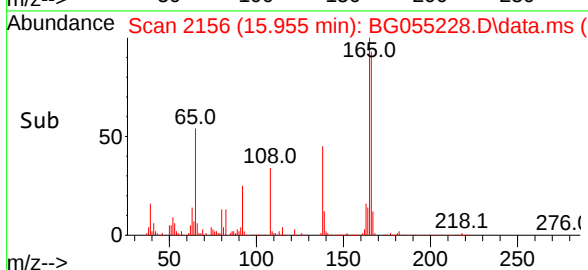
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

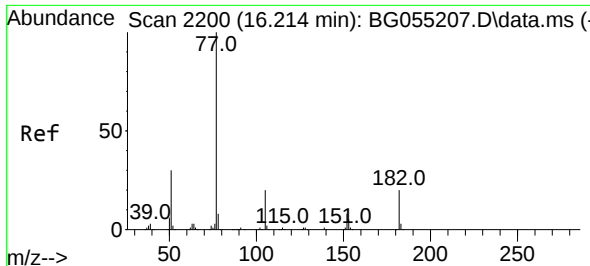


#62
4-Nitroaniline
Concen: 35.721 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



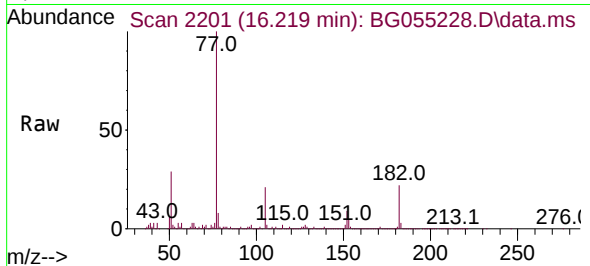
Tgt Ion:138 Resp: 100110
Ion Ratio Lower Upper
138 100
92 55.1 33.9 73.9
108 75.6 55.1 95.1





#63
Azobenzene
Concen: 35.722 ng
RT: 16.219 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

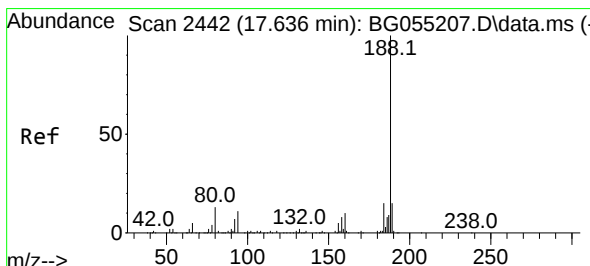
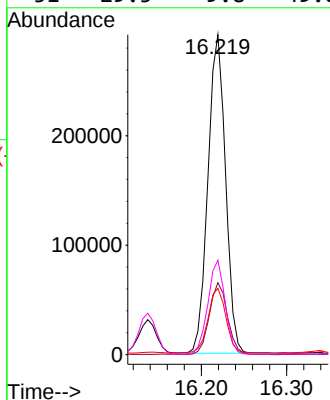
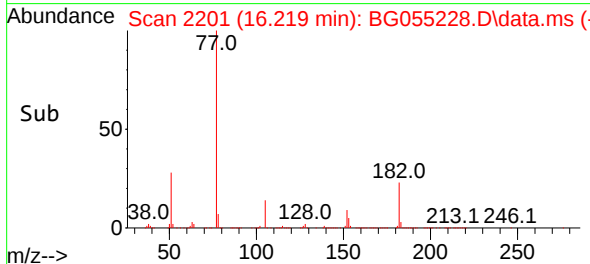
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion: 77 Resp: 417500
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.9
105 20.7 0.2 40.2
51 29.5 9.8 49.8

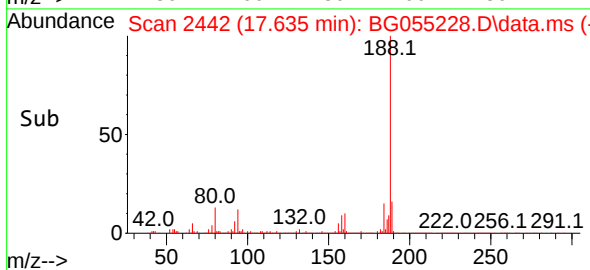
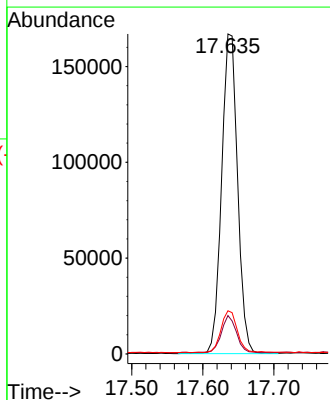
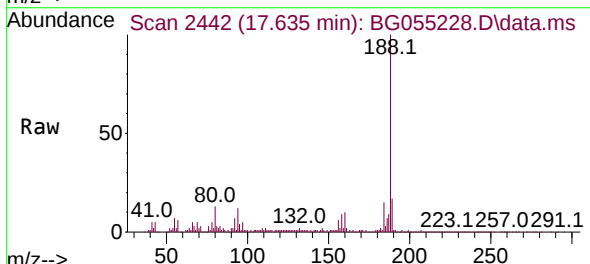
Manual Integrations
APPROVED

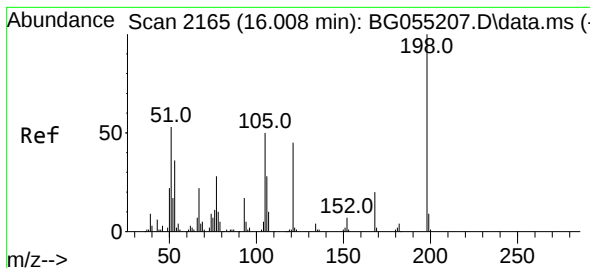
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:188 Resp: 260070
Ion Ratio Lower Upper
188 100
94 12.0 8.6 12.8
80 13.5 10.4 15.6





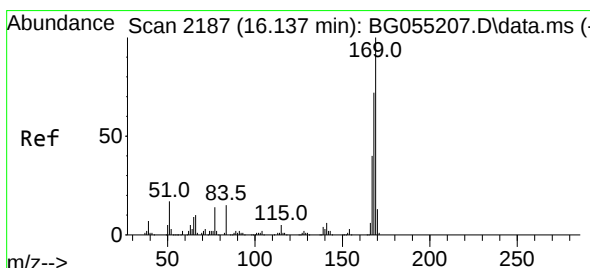
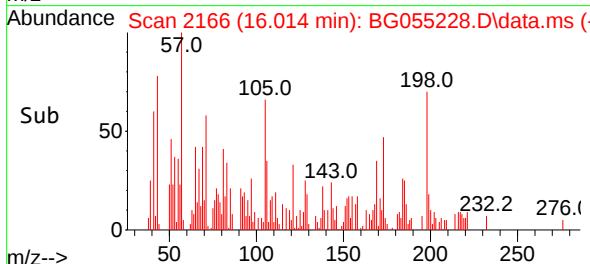
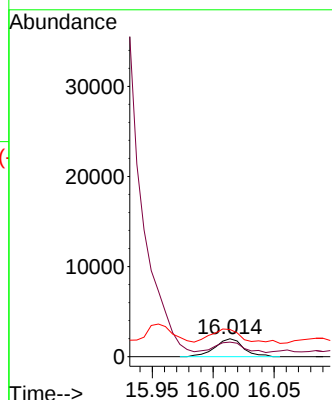
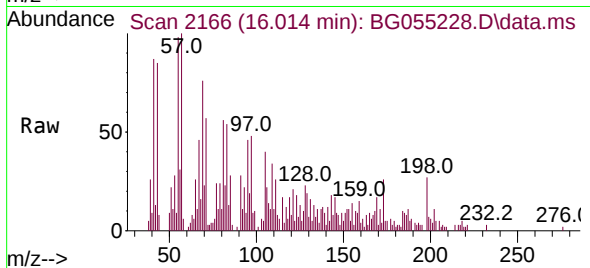
#65
4,6-Dinitro-2-methylphenol
Concen: 2.298 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion:198 Resp: 3193
Ion Ratio Lower Upper
198 100
51 81.2 37.0 77.0
105 151.8 30.8 70.8

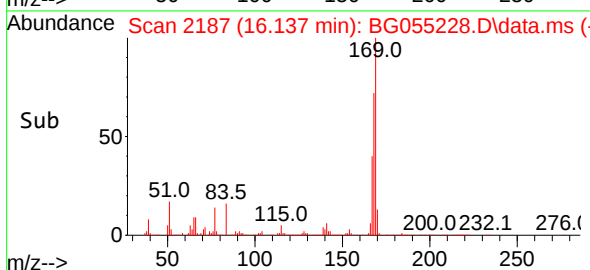
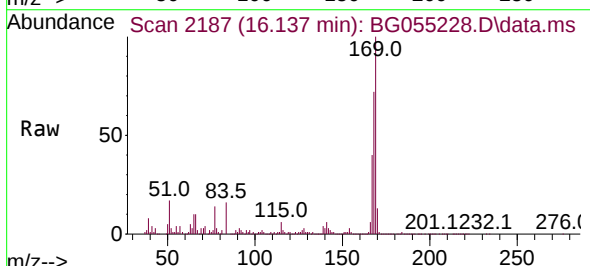
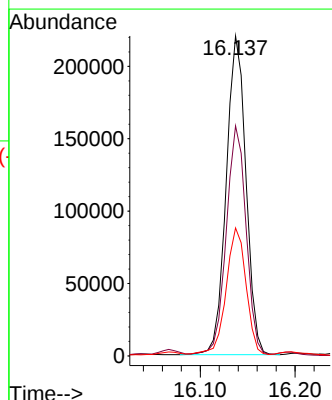
Manual Integrations
APPROVED

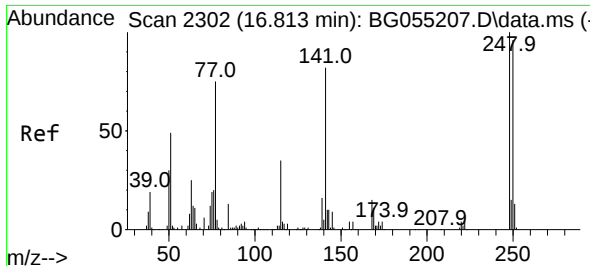
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#66
n-Nitrosodiphenylamine
Concen: 43.921 ng
RT: 16.137 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

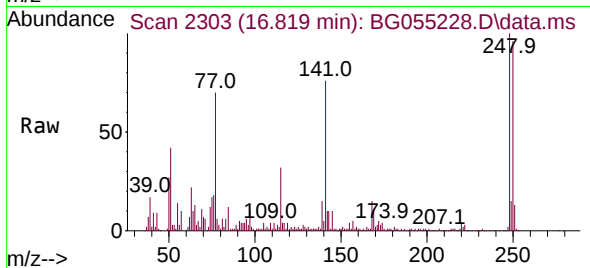
Tgt Ion:169 Resp: 318790
Ion Ratio Lower Upper
169 100
168 71.9 57.7 86.5
167 40.0 31.8 47.6





#67
4-Bromophenyl-phenylether
Concen: 41.833 ng
RT: 16.819 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

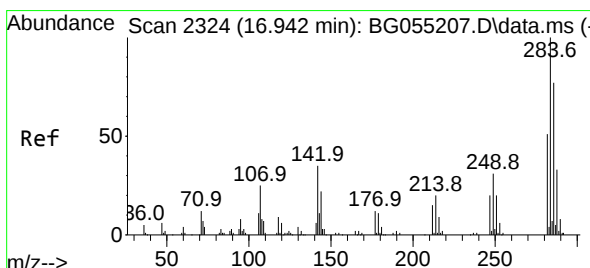
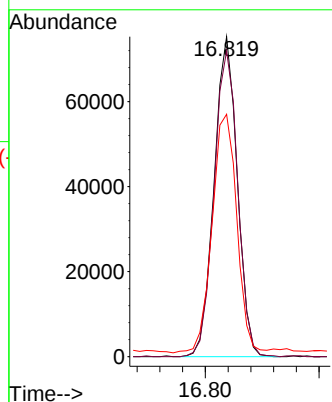
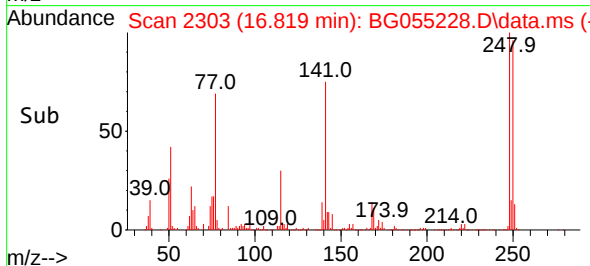
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



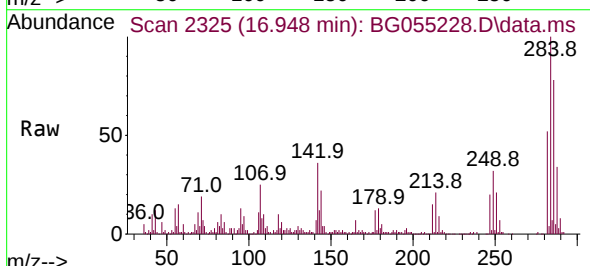
Tgt Ion:248 Resp: 106041
Ion Ratio Lower Upper
248 100
250 95.5 76.7 115.1
141 75.7 65.3 97.9

Manual Integrations
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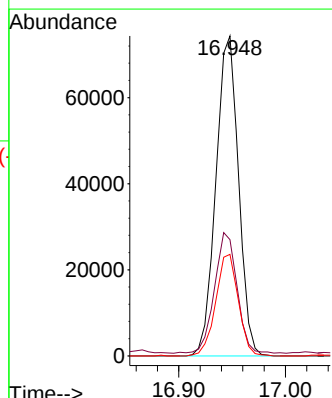
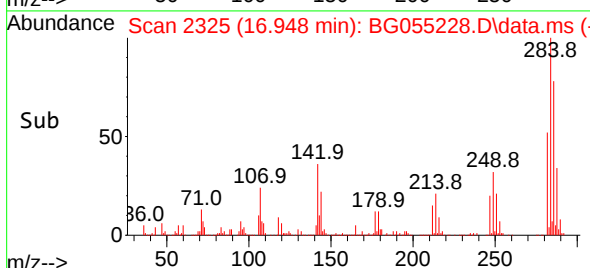
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

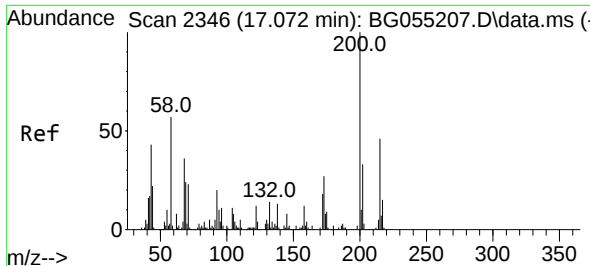


#68
Hexachlorobenzene
Concen: 39.527 ng
RT: 16.948 min Scan# 2325
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



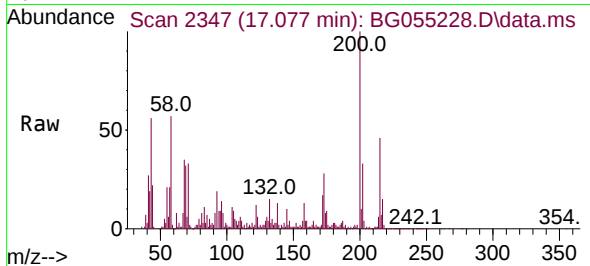
Tgt Ion:284 Resp: 109659
Ion Ratio Lower Upper
284 100
142 36.3 28.1 42.1
249 31.7 25.0 37.6





#69
 Atrazine
 Concen: 47.040 ng
 RT: 17.077 min Scan# 2346
 Delta R.T. 0.006 min
 Lab File: BG055228.D
 Acq: 20 Oct 2022 20:36

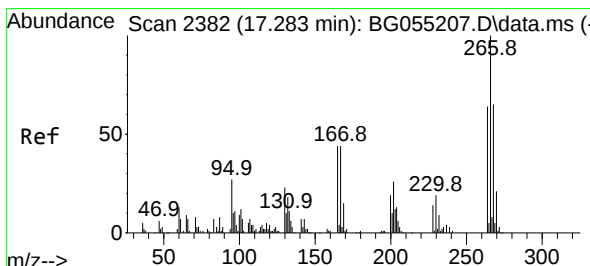
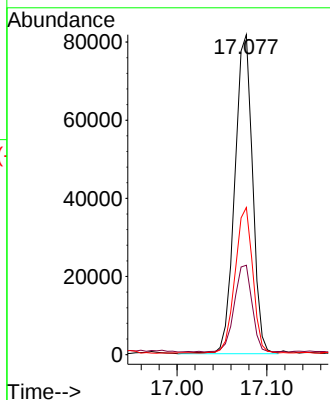
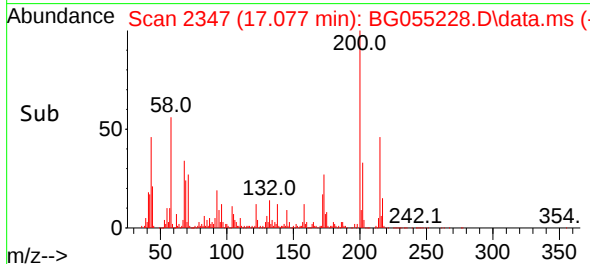
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-101822MSD



Tgt Ion:200 Resp: 112532
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.8 46.8
 215 46.0 25.7 65.7

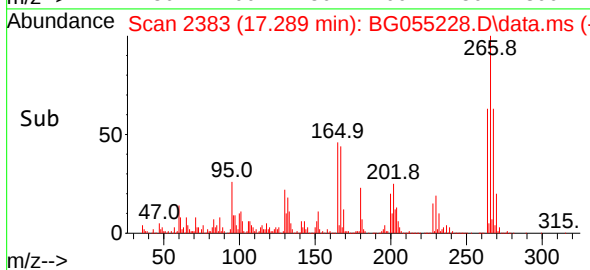
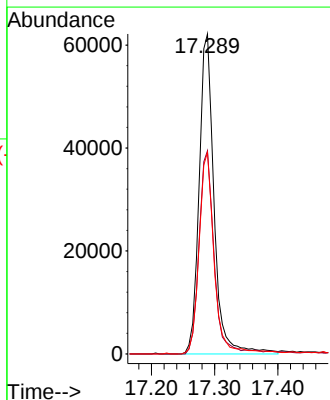
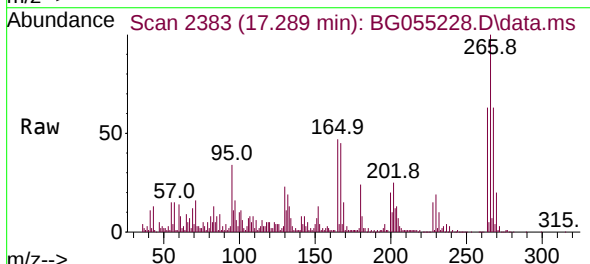
Manual Integrations
 APPROVED

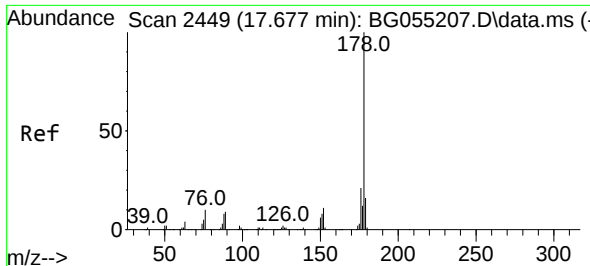
Reviewed By :Christian Giraldo 10/21/2022
 Supervised By :Jagrut Upadhyay 10/21/2022



#70
 Pentachlorophenol
 Concen: 68.065 ng
 RT: 17.289 min Scan# 2383
 Delta R.T. 0.006 min
 Lab File: BG055228.D
 Acq: 20 Oct 2022 20:36

Tgt Ion:266 Resp: 101910
 Ion Ratio Lower Upper
 266 100
 268 63.5 55.8 83.6
 264 63.0 51.1 76.7





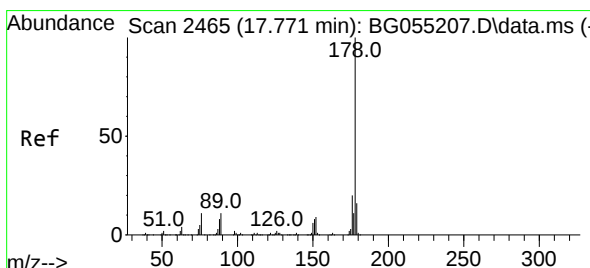
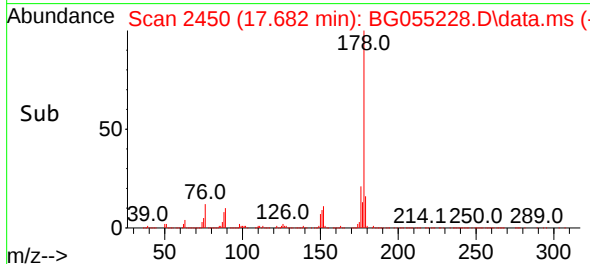
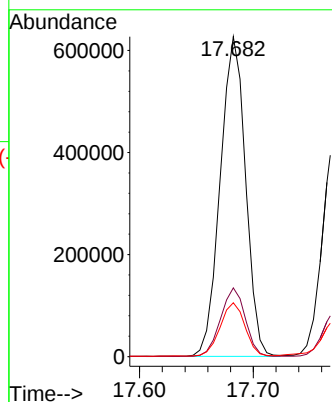
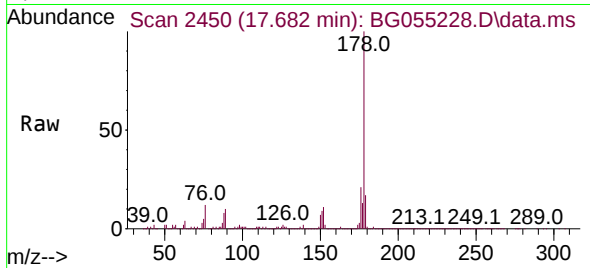
#71
Phenanthrene
Concen: 69.699 ng
RT: 17.682 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion:178 Resp: 967266
Ion Ratio Lower Upper
178 100
176 21.5 16.4 24.6
179 16.8 12.8 19.2

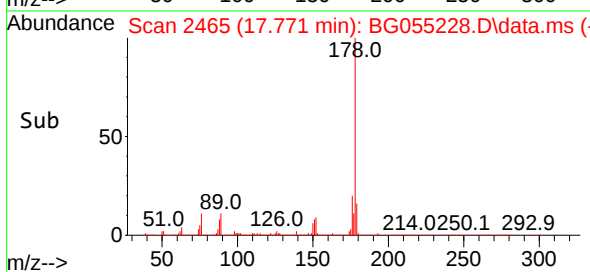
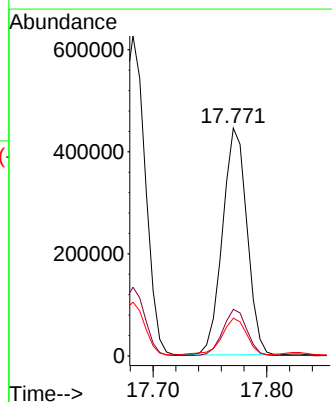
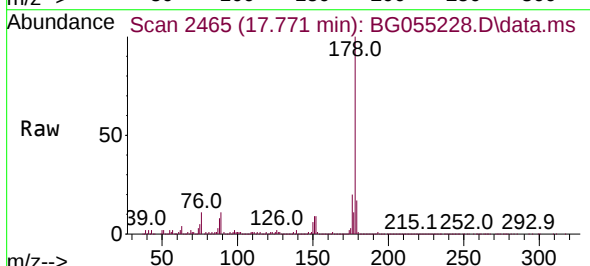
Manual Integrations
APPROVED

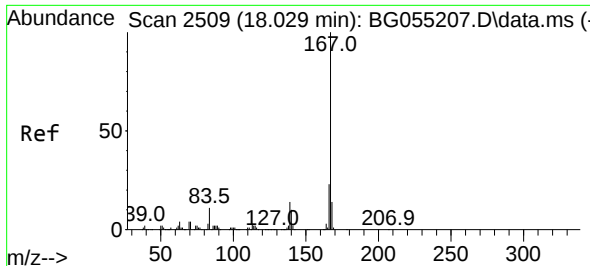
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#72
Anthracene
Concen: 48.976 ng
RT: 17.771 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

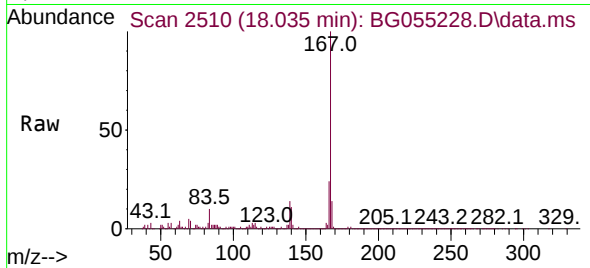
Tgt Ion:178 Resp: 664178
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.6 13.0 19.4





#73
Carbazole
Concen: 45.239 ng
RT: 18.035 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

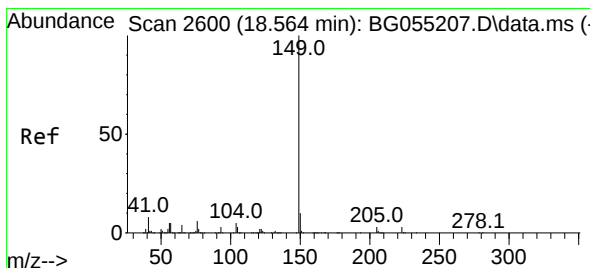
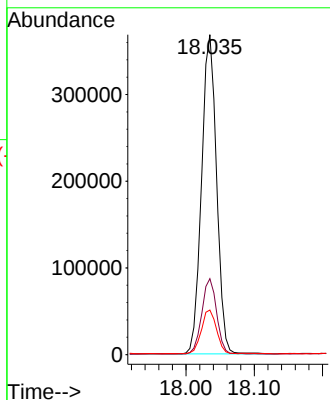
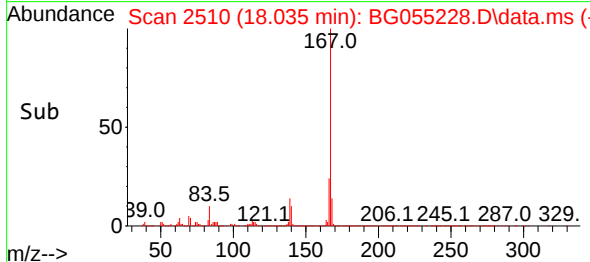
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:167 Resp: 564965
Ion Ratio Lower Upper
167 100
166 23.7 18.5 27.7
139 13.9 11.3 16.9

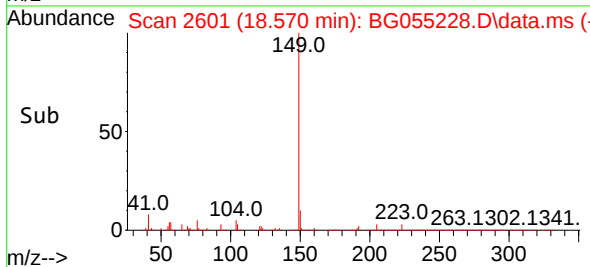
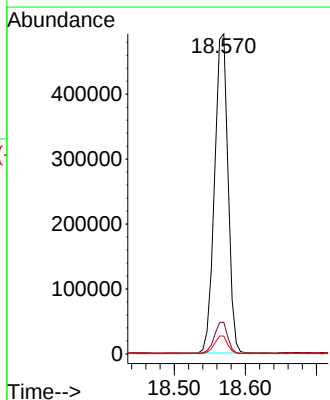
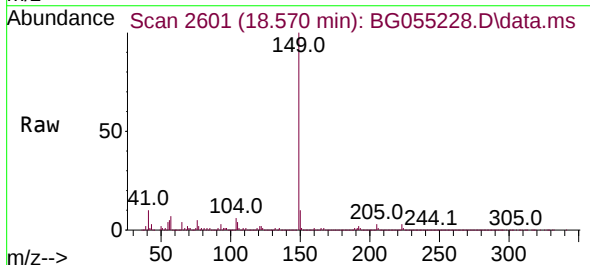
Manual Integrations
APPROVED

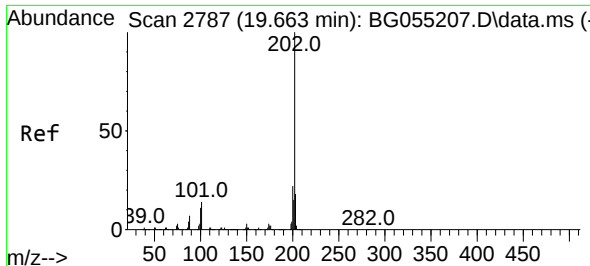
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#74
Di-n-butylphthalate
Concen: 39.744 ng
RT: 18.570 min Scan# 2601
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

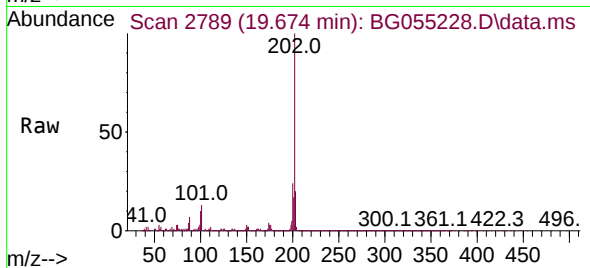
Tgt Ion:149 Resp: 647385
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 75.366 ng
RT: 19.674 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

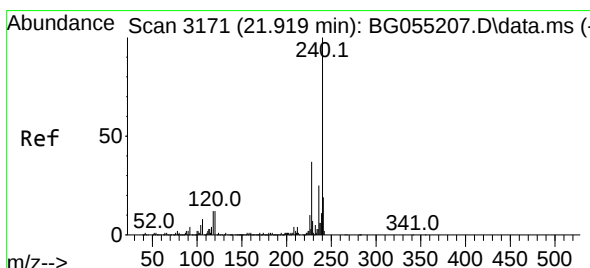
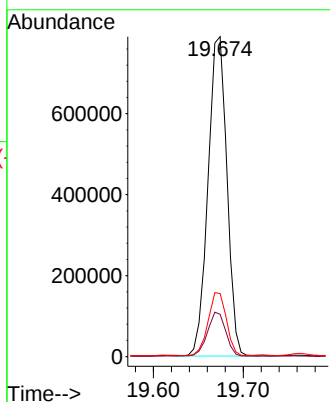
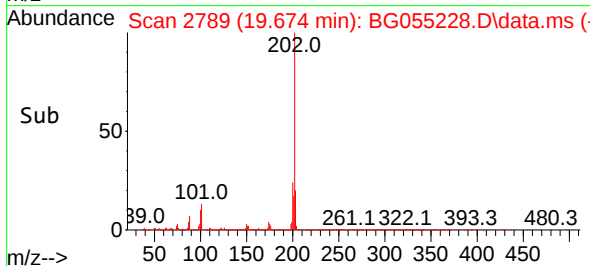
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:202 Resp: 115856
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.2
203 19.7 0.0 38.5

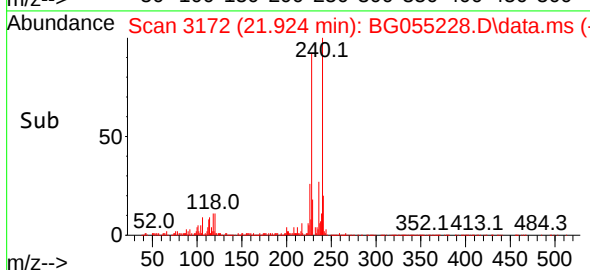
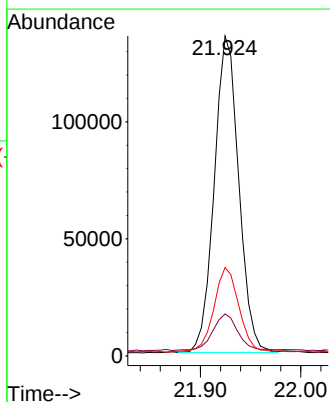
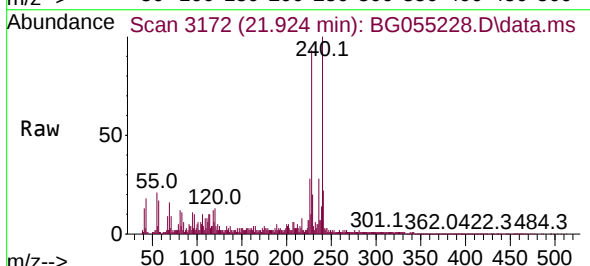
Manual Integrations
APPROVED

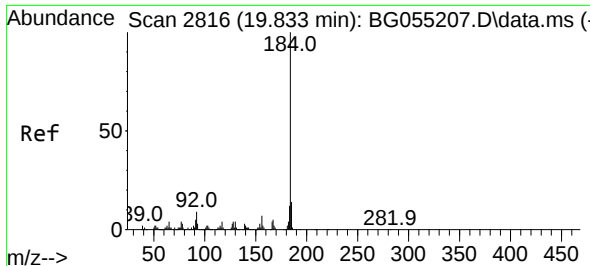
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:240 Resp: 229051
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 27.6 20.4 30.6





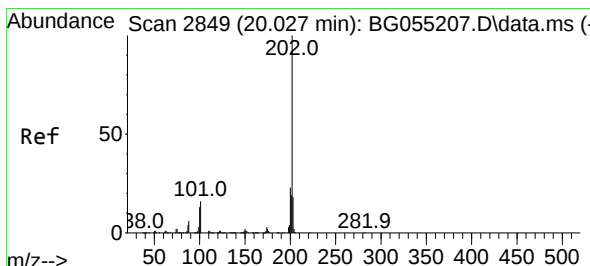
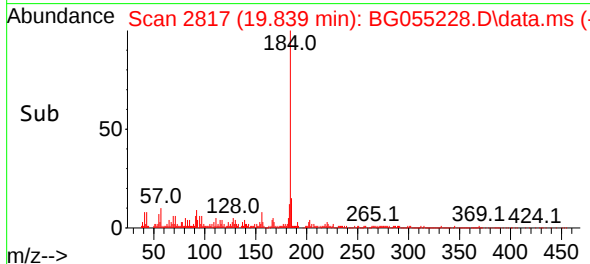
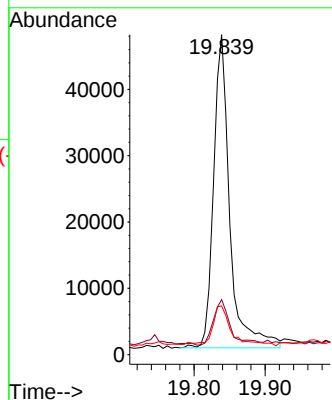
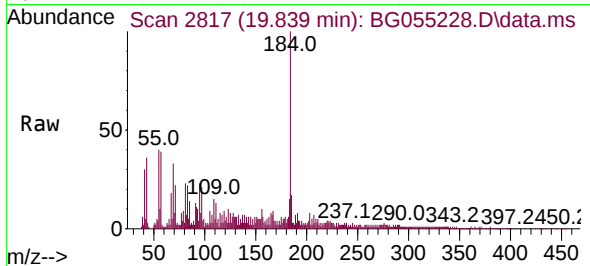
#77
Benzidine
Concen: 12.839 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD

Tgt Ion:184 Resp: 74781
Ion Ratio Lower Upper
184 100
185 17.2 11.4 17.2
183 15.2 9.8 14.6

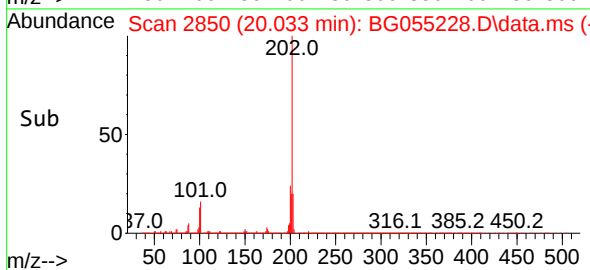
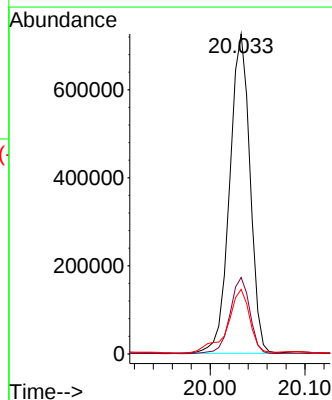
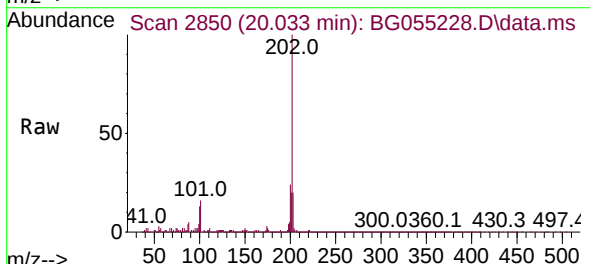
Manual Integrations
APPROVED

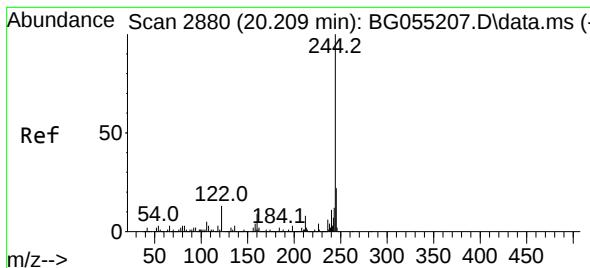
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#78
Pyrene
Concen: 62.635 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:202 Resp: 1081028
Ion Ratio Lower Upper
202 100
200 23.9 18.2 27.2
203 20.1 14.6 22.0





#79

Terphenyl-d14

Concen: 51.260 ng

RT: 20.209 min Scan# 2880

Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

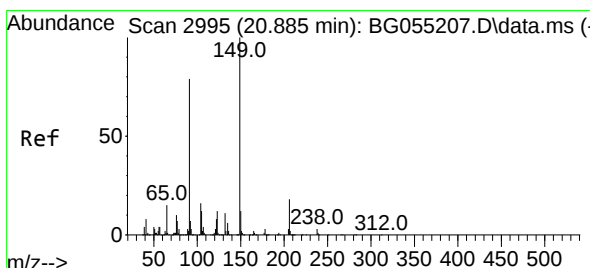
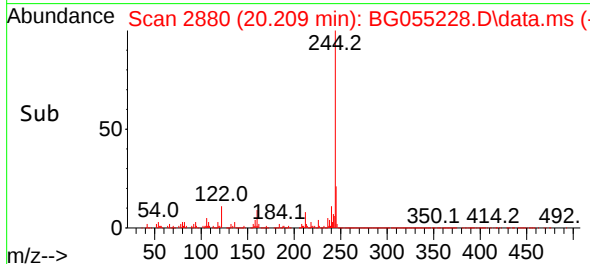
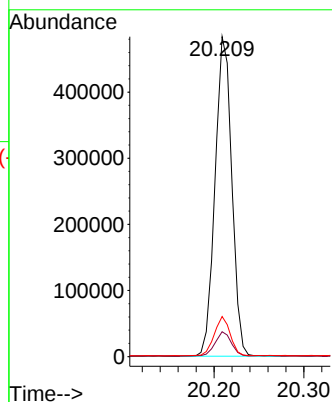
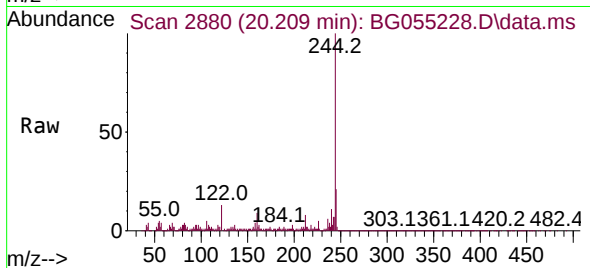
Tgt Ion:244 Resp: 630124

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	12.5	10.0	15.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#80

Butylbenzylphthalate

Concen: 35.385 ng

RT: 20.890 min Scan# 2996

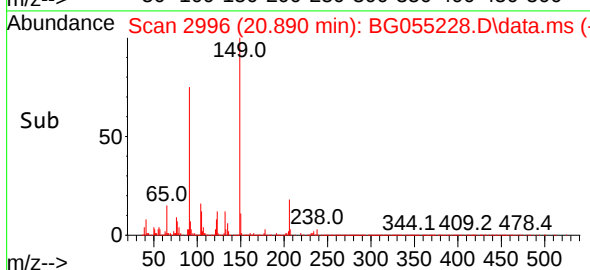
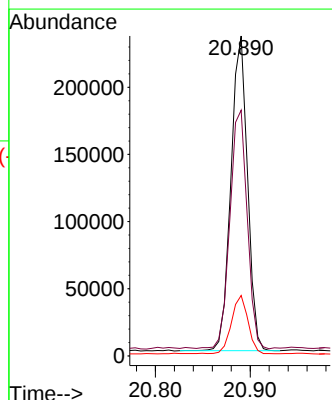
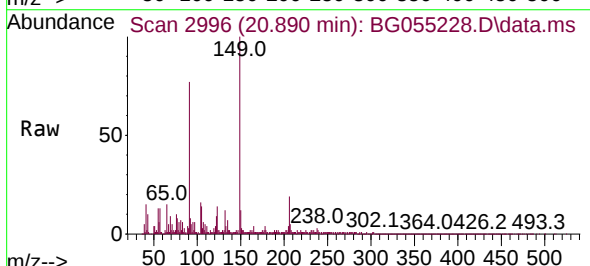
Delta R.T. 0.006 min

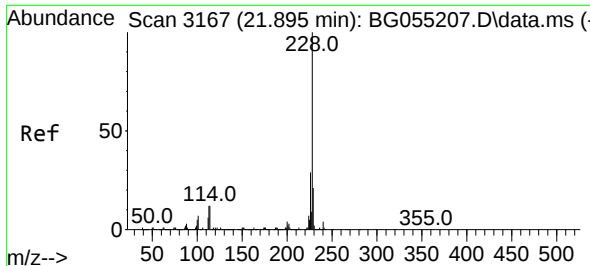
Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Tgt Ion:149 Resp: 285452

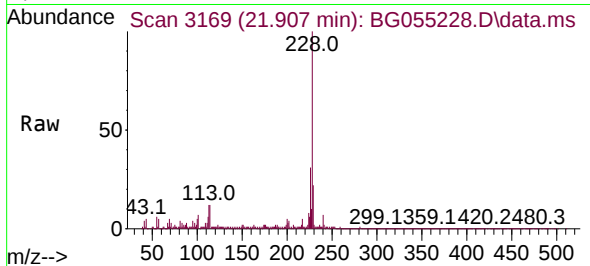
Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.2	94.8
206	18.9	14.5	21.7





#81
Benzo(a)anthracene
Concen: 54.880 ng
RT: 21.907 min Scan# 3169
Delta R.T. 0.011 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

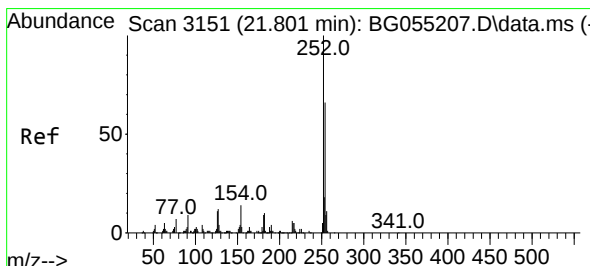
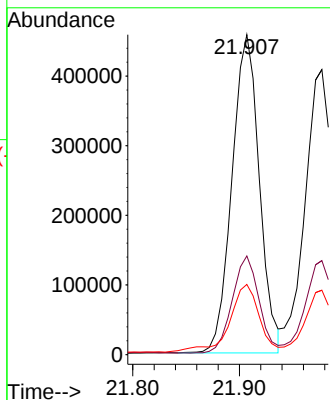
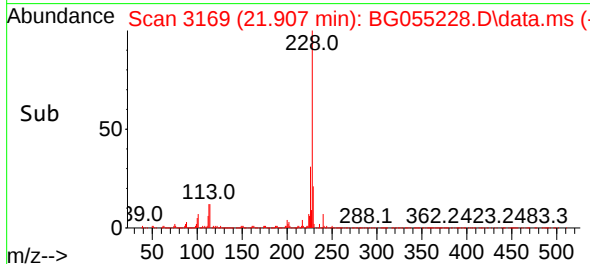
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



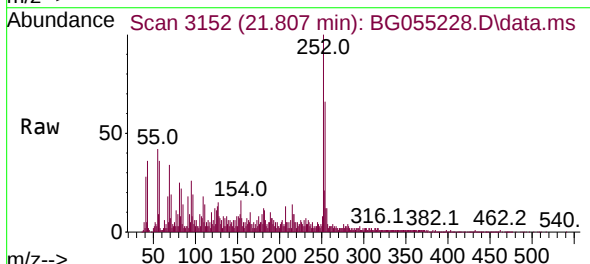
Tgt Ion:228 Resp: 815368
Ion Ratio Lower Upper
228 100
226 30.8 23.1 34.7
229 21.9 16.5 24.7

Manual Integrations
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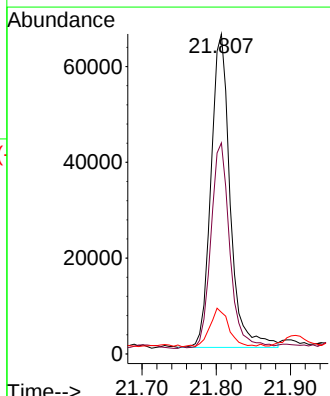
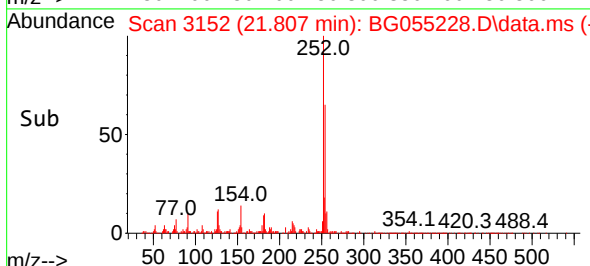
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

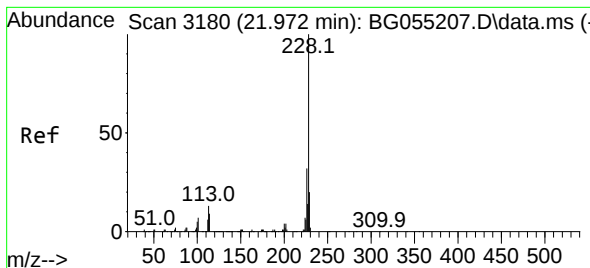


#82
3,3'-Dichlorobenzidine
Concen: 22.983 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



Tgt Ion:252 Resp: 117246
Ion Ratio Lower Upper
252 100
254 65.9 52.8 79.2
126 13.0 9.0 13.6





#83

Chrysene

Concen: 53.985 ng

RT: 21.977 min Scan# 3180

Delta R.T. 0.006 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

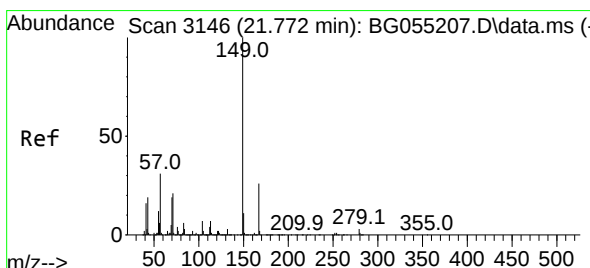
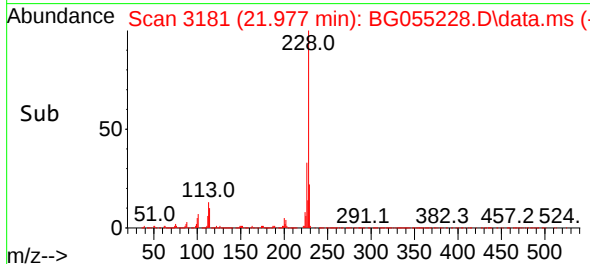
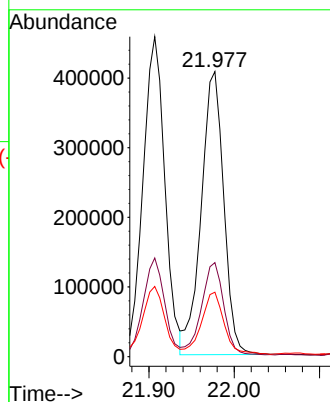
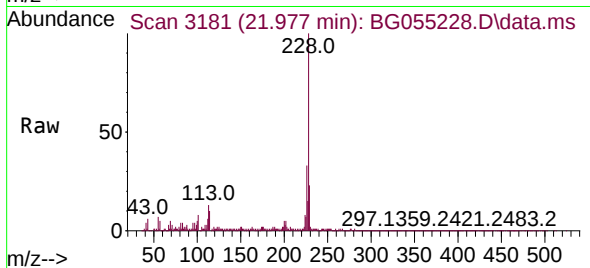
EO-02-101822MSD

Tgt Ion:	228	Resp:	746935
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.4	38.2
229	22.6	15.8	23.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.842 ng

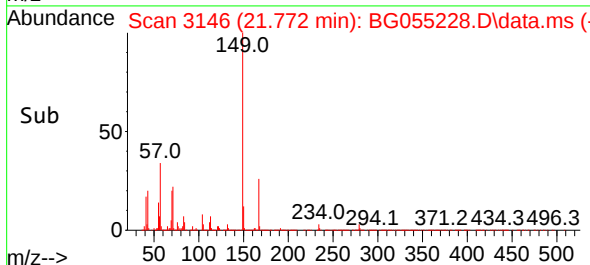
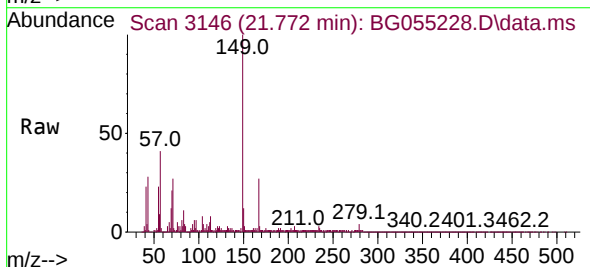
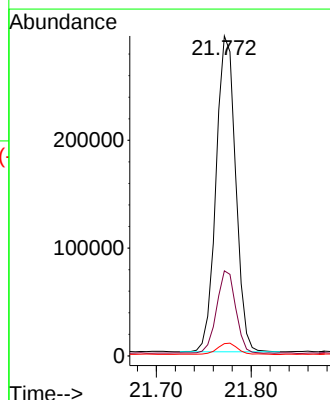
RT: 21.772 min Scan# 3146

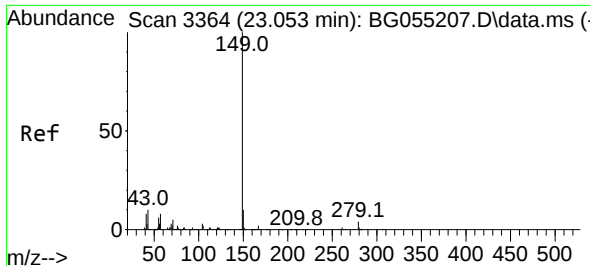
Delta R.T. -0.000 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

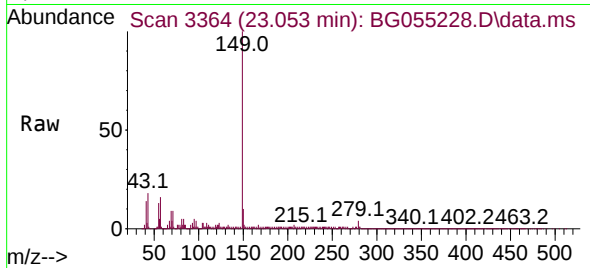
Tgt Ion:	149	Resp:	420544
Ion Ratio	Lower	Upper	
149	100		
167	26.6	20.6	31.0
279	3.8	2.6	4.0





#85
Di-n-octyl phthalate
Concen: 44.803 ng
RT: 23.053 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

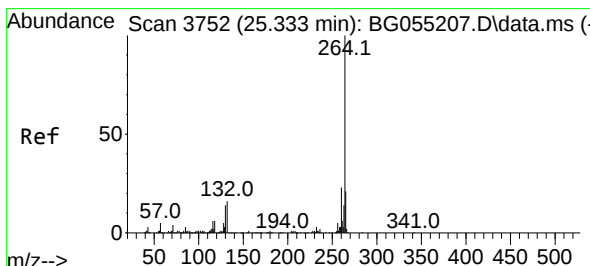
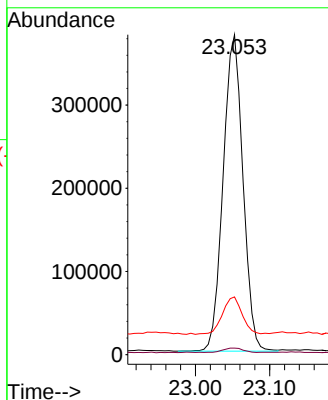
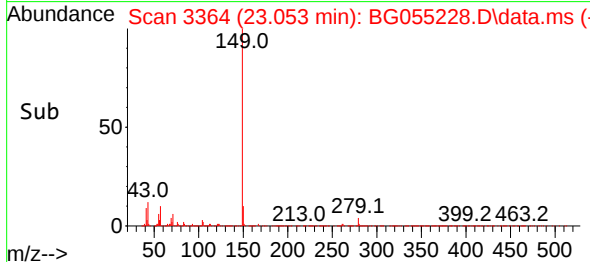
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



Tgt Ion:149 Resp: 705071
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 7.8 11.8

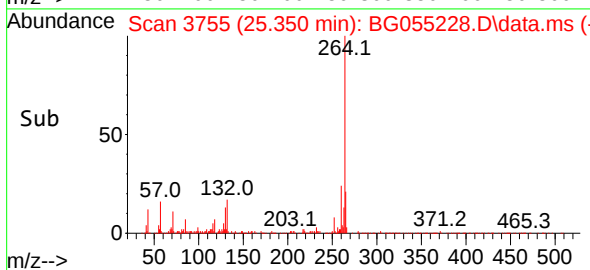
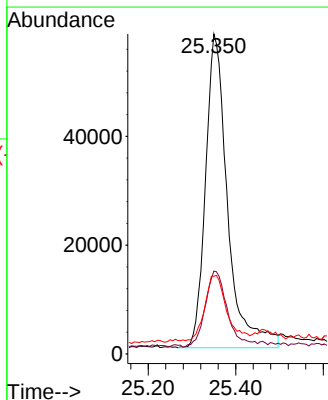
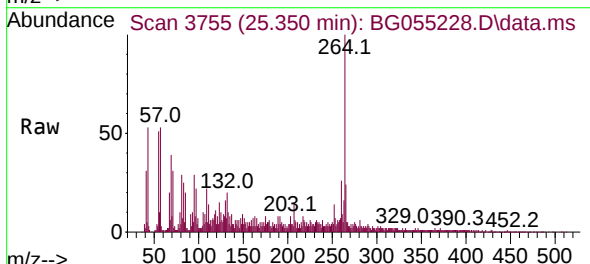
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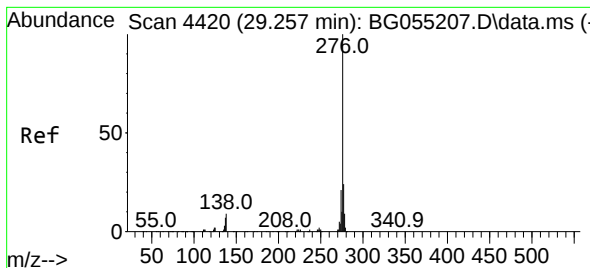
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.017 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

Tgt Ion:264 Resp: 202001
Ion Ratio Lower Upper
264 100
260 25.9 18.6 27.8
265 24.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.809 ng

RT: 29.298 min Scan# 44

Delta R.T. 0.041 min

Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Instrument :

BNA_G

ClientSampleId :

EO-02-101822MSD

Tgt Ion: 276 Resp: 404758

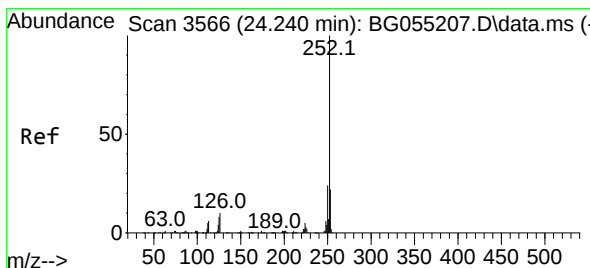
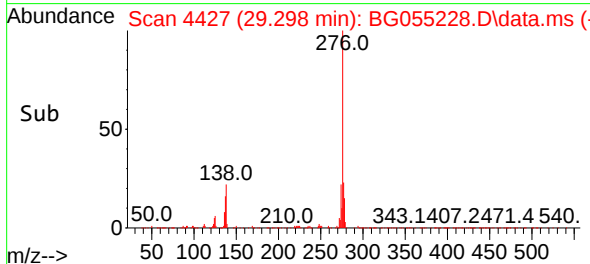
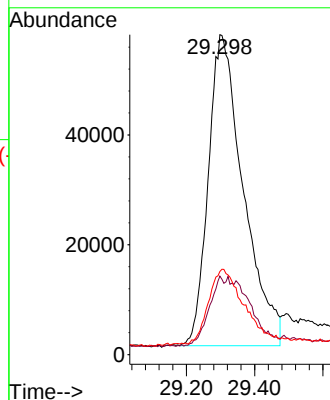
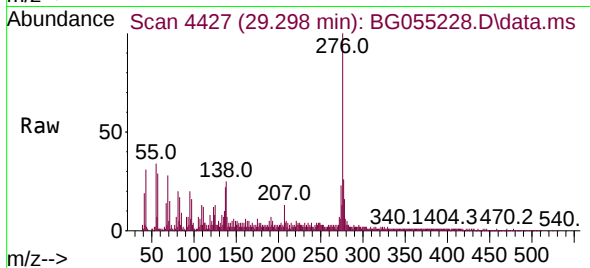
Ion	Ratio	Lower	Upper
276	100		
138	9.5	9.5	14.3
277	24.2	20.5	30.7

Manual Integrations

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Reviewed By : Christian Giraldo 10/21/2022

Supervised By : Jagrut Upadhyay 10/21/2022



#88

Benzo(b)fluoranthene

Concen: 59.356 ng

RT: 24.263 min Scan# 3570

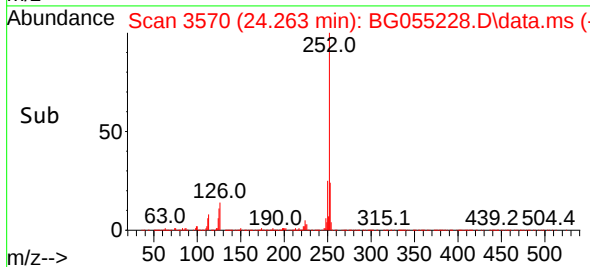
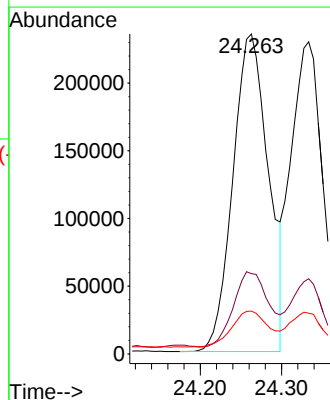
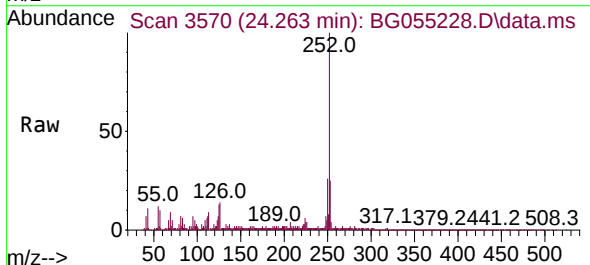
Delta R.T. 0.023 min

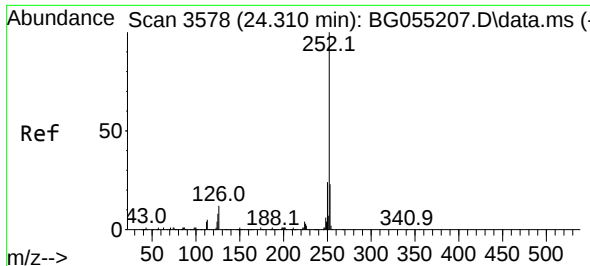
Lab File: BG055228.D

Acq: 20 Oct 2022 20:36

Tgt Ion: 252 Resp: 712003

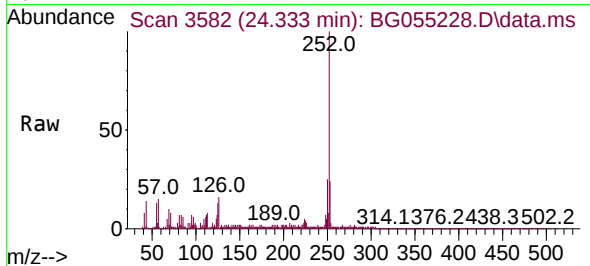
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	13.4	6.2	9.2





#89
Benzo(k)fluoranthene
Concen: 56.645 ng
RT: 24.333 min Scan# 3578
Delta R.T. 0.023 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

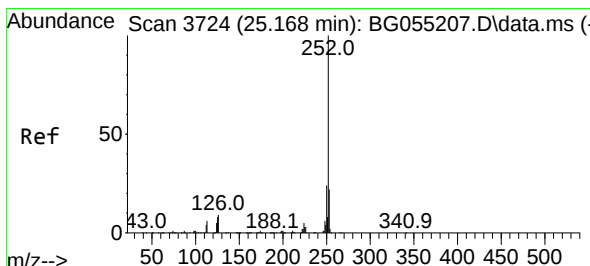
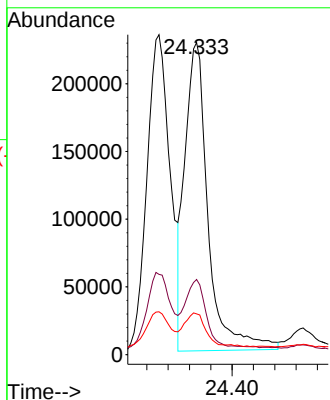
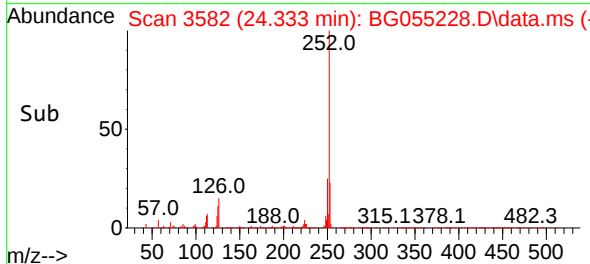
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



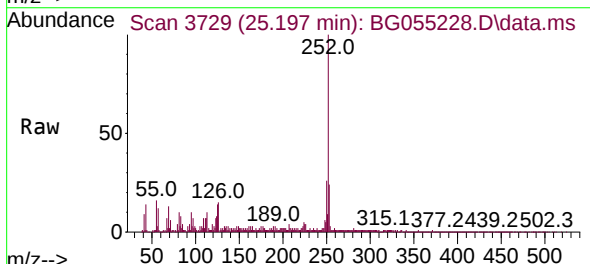
Tgt Ion:252 Resp: 688162
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 13.1 6.5 9.7

Manual Integrations
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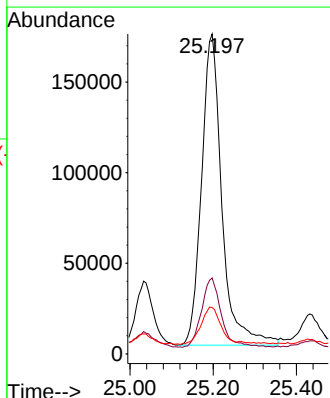
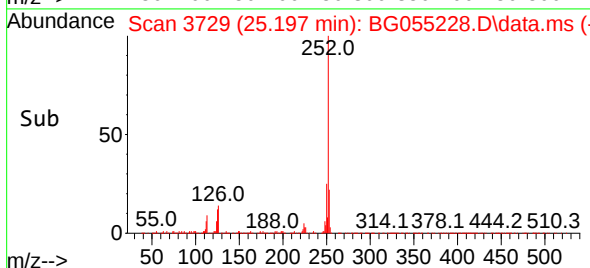
Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

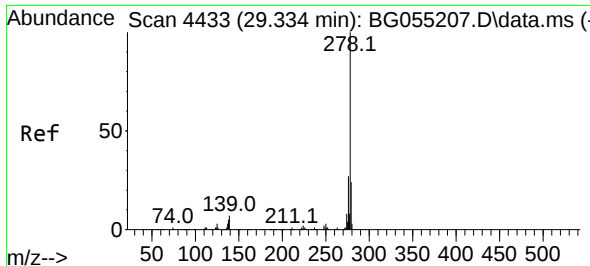


#90
Benzo(a)pyrene
Concen: 56.660 ng
RT: 25.197 min Scan# 3729
Delta R.T. 0.029 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



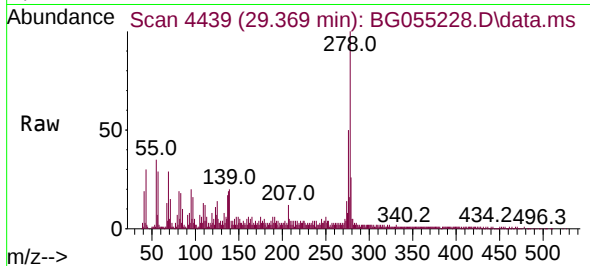
Tgt Ion:252 Resp: 583363
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 14.5 6.2 9.2





#91
Dibenzo(a,h)anthracene
Concen: 27.441 ng
RT: 29.369 min Scan# 4433
Delta R.T. 0.035 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36

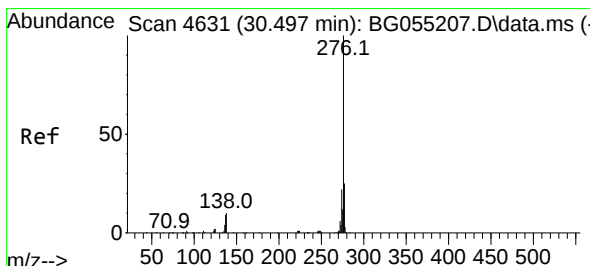
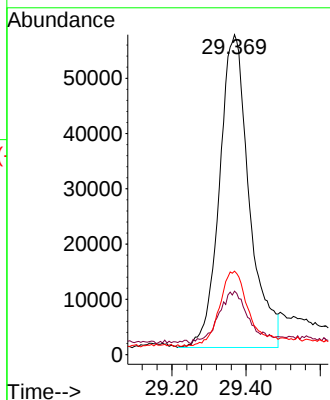
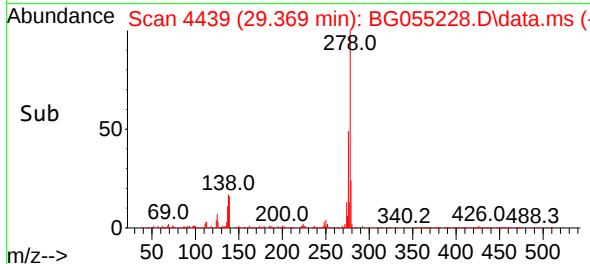
Instrument :
BNA_G
ClientSampleId :
EO-02-101822MSD



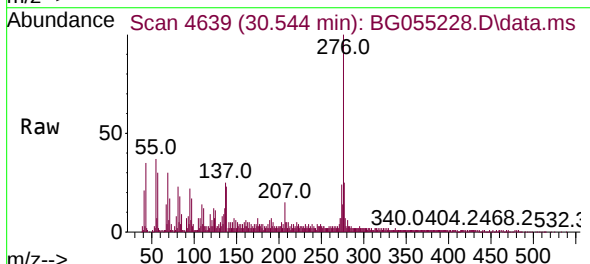
Tgt Ion:278 Resp: 31585
Ion Ratio Lower Upper
278 100
139 19.8 5.6 8.4
279 26.1 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022



#92
Benzo(g,h,i)perylene
Concen: 26.914 ng
RT: 30.544 min Scan# 4639
Delta R.T. 0.047 min
Lab File: BG055228.D
Acq: 20 Oct 2022 20:36



Tgt Ion:276 Resp: 300097
Ion Ratio Lower Upper
276 100
277 25.1 19.7 29.5
138 23.1 8.0 12.0

