

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056322.D
 Acq On : 17 Jan 2023 20:51
 Operator : CG/JU
 Sample : 01167-01MSD 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-011623MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	65925	20.000	ng	0.00
21) Naphthalene-d8	11.155	136	236413	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	166071	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	371547	20.000	ng	0.00
76) Chrysene-d12	21.972	240	351637	20.000	ng	# 0.01
86) Perylene-d12	25.432	264	270072	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.843	112	72989	19.768	ng	0.02
7) Phenol-d6	7.459	99	102286	18.039	ng	0.01
23) Nitrobenzene-d5	9.492	82	55584	12.026	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	37710	17.929	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	159731	13.282	ng	0.00
79) Terphenyl-d14	20.244	244	244692	12.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.652	88	10431	6.185	ng	# 97
3) Pyridine	4.075	79	28575	5.563	ng	# 90
4) n-Nitrosodimethylamine	3.981	42	6762	6.472	ng	# 73
6) Aniline	7.630	93	19822	2.666	ng	97
8) 2-Chlorophenol	7.882	128	32989	8.979	ng	92
9) Benzaldehyde	7.442	77	16468	4.884	ng	# 83
10) Phenol	7.489	94	48779	8.483	ng	98
11) bis(2-Chloroethyl)ether	7.724	93	32226	8.270	ng	94
12) 1,3-Dichlorobenzene	8.211	146	40456	9.047	ng	97
13) 1,4-Dichlorobenzene	8.358	146	40467	9.012	ng	96
14) 1,2-Dichlorobenzene	8.681	146	38599	8.909	ng	96
15) Benzyl Alcohol	8.552	79	28691	6.952	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.834	45	5884	8.544	ng	82
17) 2-Methylphenol	8.758	107	34020	8.063	ng	95
18) Hexachloroethane	9.416	117	11977	8.780	ng	93
19) n-Nitroso-di-n-propyla...	9.116	70	23113	6.703	ng	# 94
20) 3+4-Methylphenols	9.081	107	45780	7.717	ng	92
22) Acetophenone	9.145	105	58704	8.782	ng	98
24) Nitrobenzene	9.539	77	37004	8.079	ng	96
25) Isophorone	10.056	82	69032	7.099	ng	# 92
26) 2-Nitrophenol	10.250	139	18462	7.878	ng	96
27) 2,4-Dimethylphenol	10.297	122	36011	8.425	ng	97
28) bis(2-Chloroethoxy)met...	10.532	93	40299	7.973	ng	96
29) 2,4-Dichlorophenol	10.791	162	40416	8.553	ng	93
30) 1,2,4-Trichlorobenzene	11.008	180	49375	9.207	ng	97
31) Naphthalene	11.202	128	119976	9.643	ng	97
32) Benzoic acid	10.391	122	20251	6.385	ng	85
33) 4-Chloroaniline	11.308	127	17724	2.984	ng	96
34) Hexachlorobutadiene	11.478	225	33966	8.807	ng	97
35) Caprolactam	12.054	113	10911	6.820	ng	81
36) 4-Chloro-3-methylphenol	12.400	107	36647	7.643	ng	99
37) 2-Methylnaphthalene	12.782	142	89292	8.499	ng	99
38) 1-Methylnaphthalene	13.000	142	82704	8.477	ng	95
40) 1,2,4,5-Tetrachloroben...	13.147	216	60917	9.787	ng	99
43) 2,4,6-Trichlorophenol	13.376	196	37936	9.217	ng	99
44) 2,4,5-Trichlorophenol	13.452	196	40684	8.356	ng	# 95

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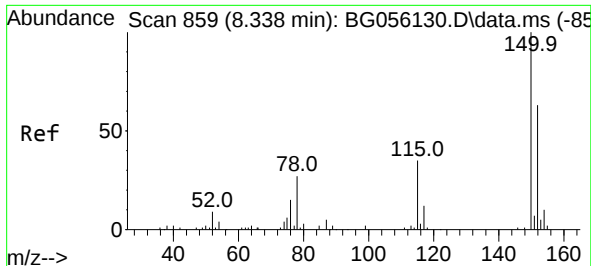
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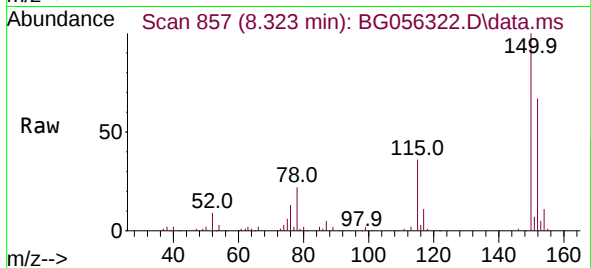
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.769	154	114739	9.647	ng	99
47) 2-Chloronaphthalene	13.822	162	89148	9.496	ng	99
48) 2-Nitroaniline	14.010	65	18929	9.464	ng	91
49) Acenaphthylene	14.662	152	131005	8.575	ng	98
50) Dimethylphthalate	14.369	163	104879	7.823	ng	98
51) 2,6-Dinitrotoluene	14.498	165	19870	6.956	ng	96
52) Acenaphthene	14.997	154	88218	8.879	ng	97
53) 3-Nitroaniline	14.821	138	17394	6.398	ng	97
55) Dibenzofuran	15.326	168	145272	8.835	ng	96
56) 4-Nitrophenol	15.127	139	32589	15.586	ng	90
57) 2,4-Dinitrotoluene	15.279	165	26148	6.545	ng #	94
58) Fluorene	15.973	166	125766	9.510	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	35670	7.803	ng #	88
60) Diethylphthalate	15.714	149	93448	7.433	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	64630	7.831	ng	98
62) 4-Nitroaniline	15.979	138	23720	8.517	ng	96
63) Azobenzene	16.243	77	76107	7.844	ng	95
66) n-Nitrosodiphenylamine	16.167	169	98314	9.537	ng	99
67) 4-Bromophenyl-phenylether	16.848	248	42388	8.959	ng	97
68) Hexachlorobenzene	16.977	284	41326	9.362	ng	94
69) Atrazine	17.101	200	41646	9.748	ng	96
70) Pentachlorophenol	17.318	266	49805	14.688	ng	99
71) Phenanthrene	17.718	178	366922	19.056	ng	97
72) Anthracene	17.806	178	225364	11.346	ng	99
73) Carbazole	18.064	167	158885	9.516	ng	98
74) Di-n-butylphthalate	18.593	149	144186	8.663	ng	100
75) Fluoranthene	19.704	202	565070	22.498	ng	99
78) Pyrene	20.068	202	529981	21.383	ng	99
80) Butylbenzylphthalate	20.920	149	57955	8.151	ng	92
81) Benzo(a)anthracene	21.948	228	366756	14.850	ng	99
82) 3,3'-Dichlorobenzidine	21.848	252	34064	3.831	ng #	97
83) Chrysene	22.019	228	347878	15.037	ng	96
84) Bis(2-ethylhexyl)phtha...	21.807	149	88112	8.601	ng	99
85) Di-n-octyl phthalate	23.094	149	145143	8.393	ng #	99
87) Indeno(1,2,3-cd)pyrene	29.422	276	134957	6.871	ng #	94
88) Benzo(b)fluoranthene	24.328	252	274085	15.973	ng #	88
89) Benzo(k)fluoranthene	24.392	252	292292m	17.106	ng	
90) Benzo(a)pyrene	25.268	252	236021	14.102	ng #	91
91) Dibenzo(a,h)anthracene	29.469	278	90010	5.466	ng #	93
92) Benzo(g,h,i)perylene	30.655	276	96298	6.030	ng	93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

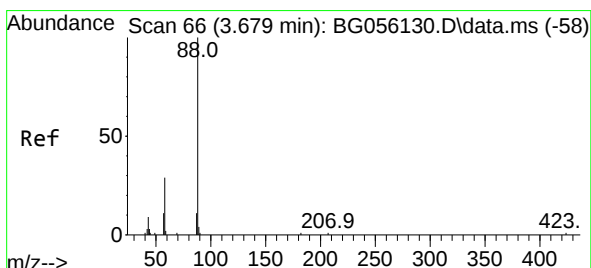
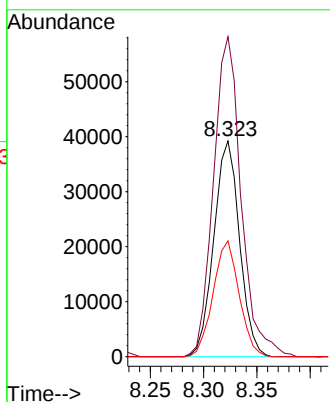
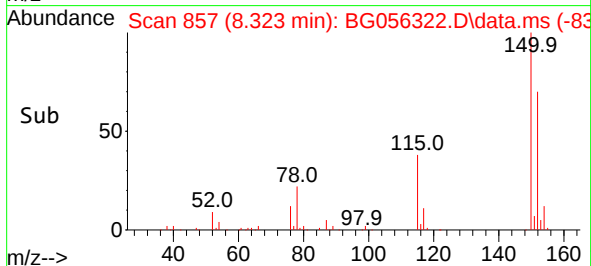
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



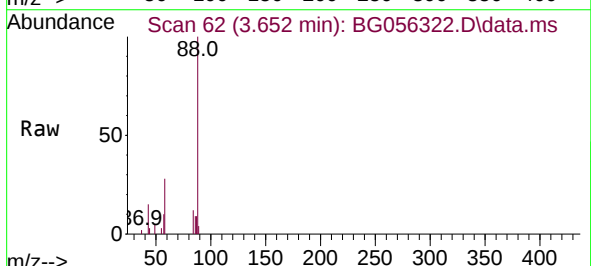
Tgt Ion:152 Resp: 65925
Ion Ratio Lower Upper
152 100
150 148.4 127.9 191.9
115 53.7 44.2 66.2

Manual Integrations
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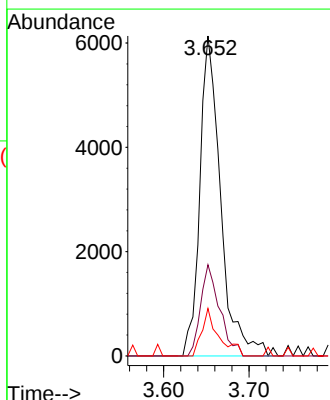
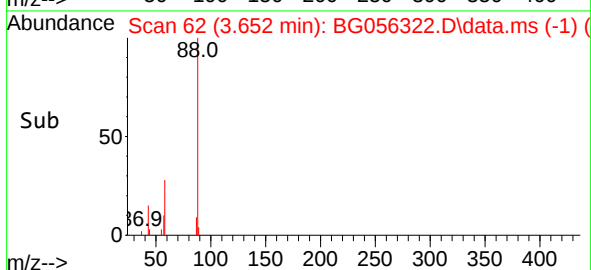
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

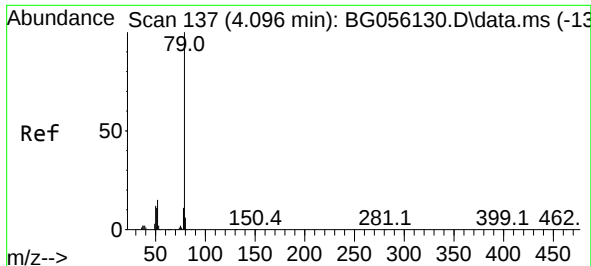


#2
1,4-Dioxane
Concen: 6.185 ng
RT: 3.652 min Scan# 62
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



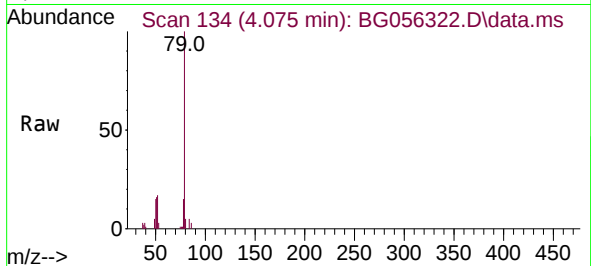
Tgt Ion: 88 Resp: 10431
Ion Ratio Lower Upper
88 100
58 25.9 21.4 32.0
43 11.9 7.1 10.7#





#3
Pyridine
Concen: 5.563 ng
RT: 4.075 min Scan# 118
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

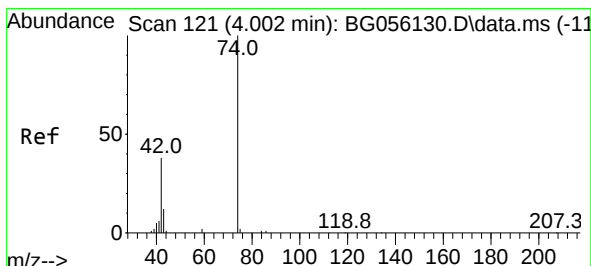
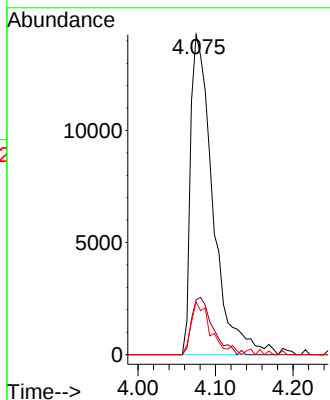
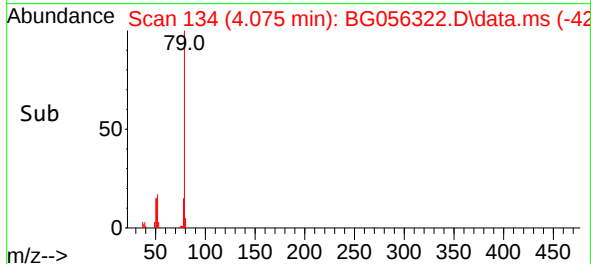
Instrument :
BNA_G
ClientSampleId :
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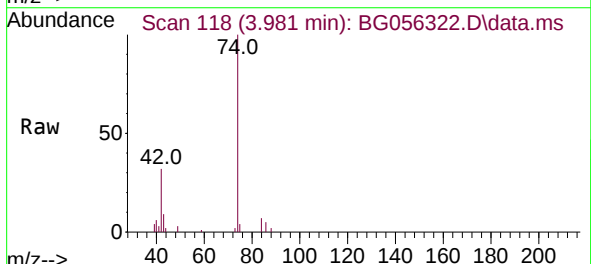
Tgt Ion: 79 Resp: 28579
Ion Ratio Lower Upper
79 100
52 17.2 11.8 17.6
51 16.5 8.8 13.2

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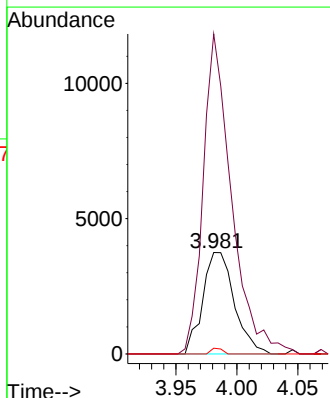
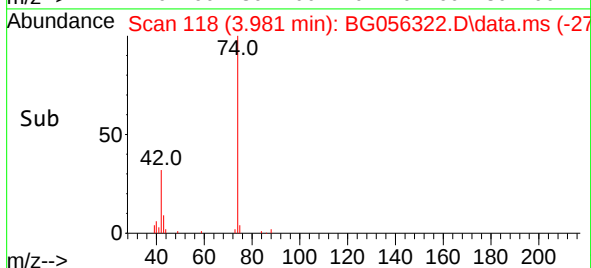
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

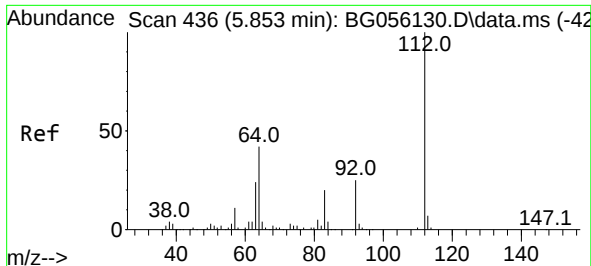


#4
n-Nitrosodimethylamine
Concen: 6.472 ng
RT: 3.981 min Scan# 118
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



Tgt Ion: 42 Resp: 6762
Ion Ratio Lower Upper
42 100
74 315.9 212.6 319.0
44 5.6 2.6 3.8





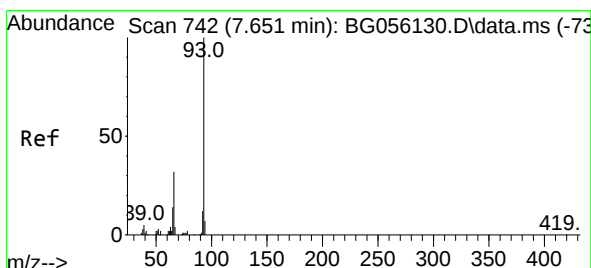
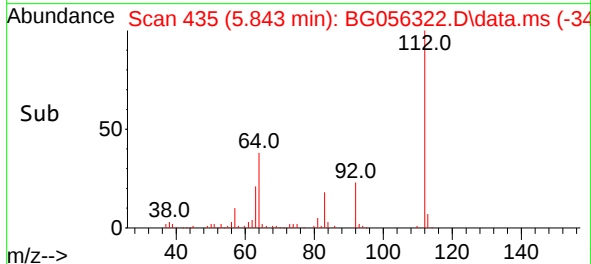
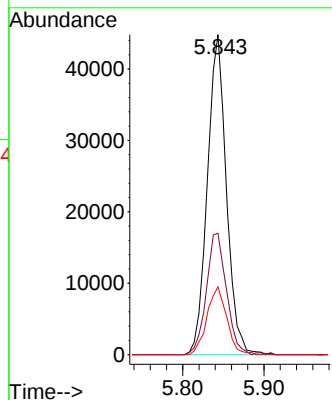
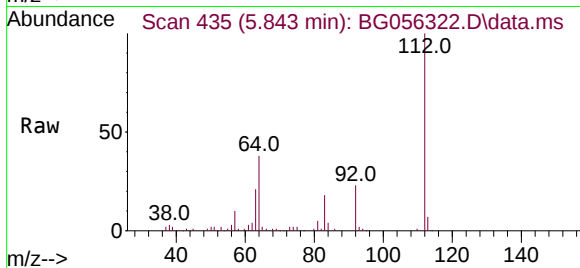
#5
2-Fluorophenol
Concen: 19.768 ng
RT: 5.843 min Scan# 436
Delta R.T. 0.018 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
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ClientSampleId :
EO-3-011623MSD

Tgt Ion: 112 Resp: 72989
Ion Ratio Lower Upper
112 100
64 37.9 33.3 49.9
63 21.2 19.0 28.4

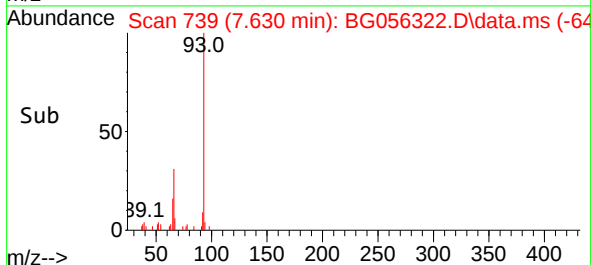
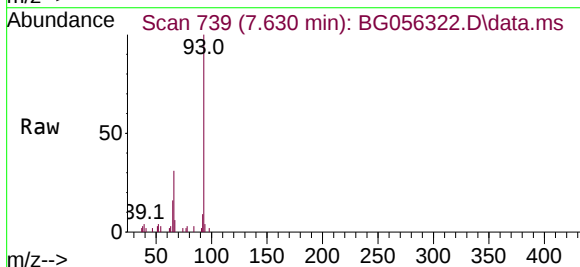
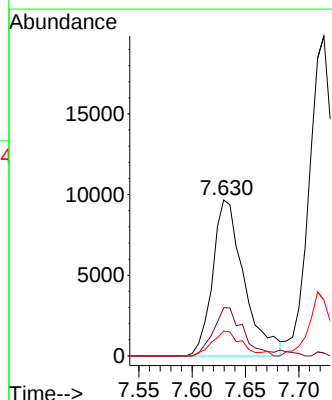
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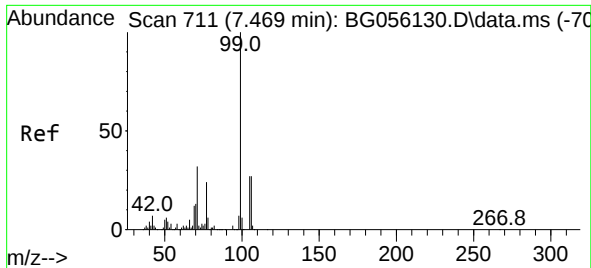
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#6
Aniline
Concen: 2.666 ng
RT: 7.630 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

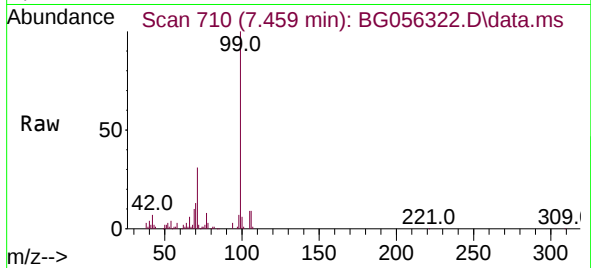
Tgt Ion: 93 Resp: 19822
Ion Ratio Lower Upper
93 100
66 30.8 25.4 38.2
65 16.0 11.4 17.2





#7
Phenol-d6
Concen: 18.039 ng
RT: 7.459 min Scan# 711
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

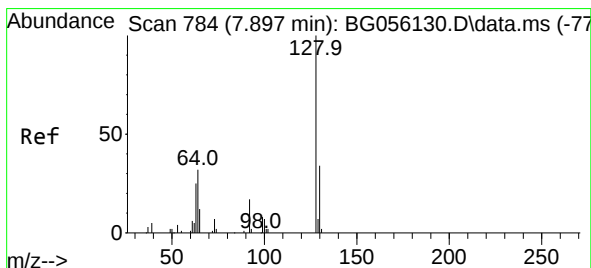
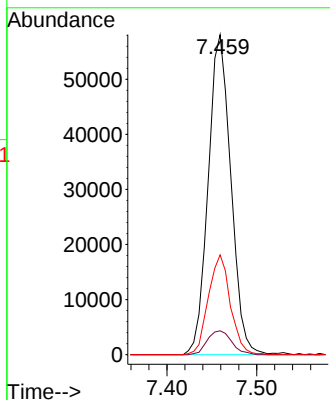
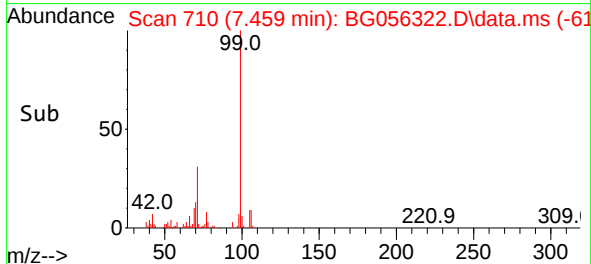
Instrument :
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Tgt Ion: 99 Resp: 102286
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 31.2 25.4 38.2

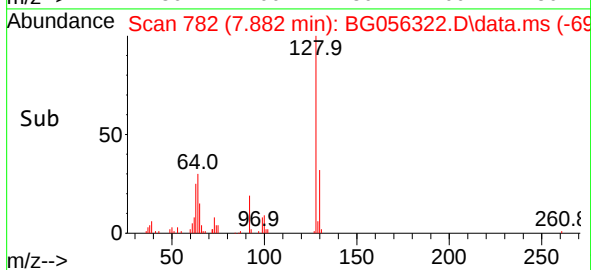
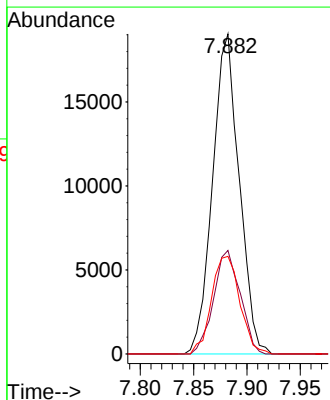
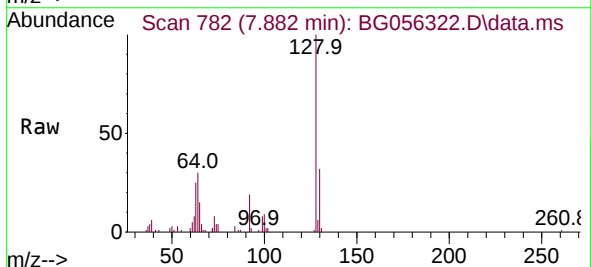
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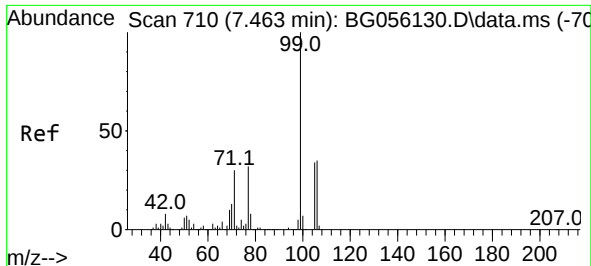
Reviewed By :Christian Giraldo 01/18/2023
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#8
2-Chlorophenol
Concen: 8.979 ng
RT: 7.882 min Scan# 782
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

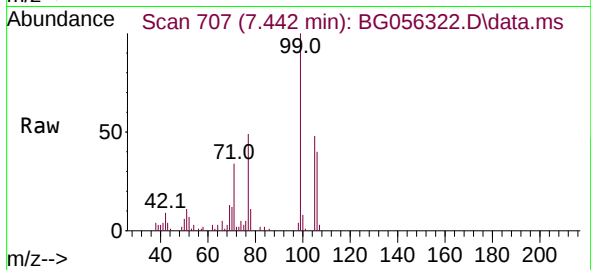
Tgt Ion:128 Resp: 32989
Ion Ratio Lower Upper
128 100
130 32.3 13.5 53.5
64 30.5 18.0 58.0





#9
Benzaldehyde
Concen: 4.884 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

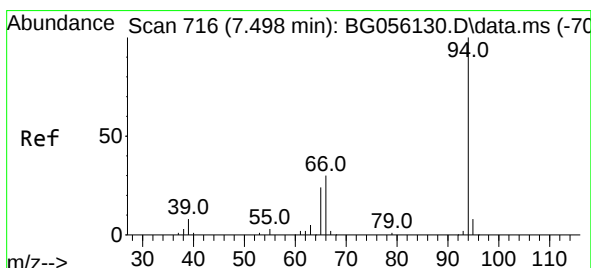
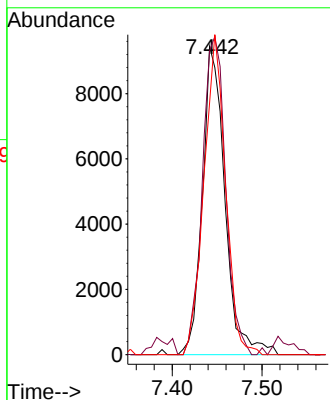
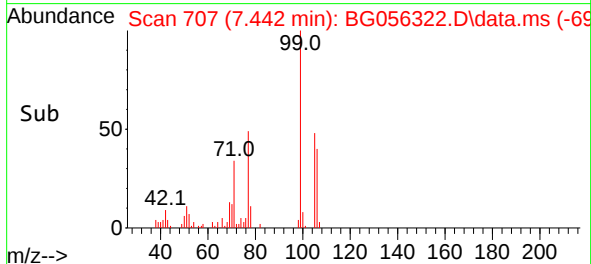
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 16468
Ion Ratio Lower Upper
77 100
105 98.4 86.8 126.8
106 81.5 89.3 129.3

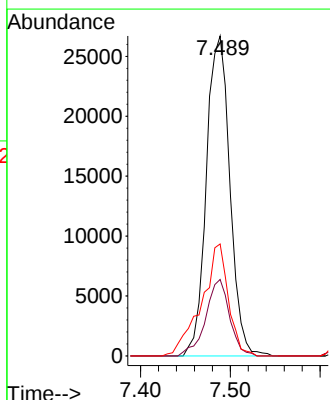
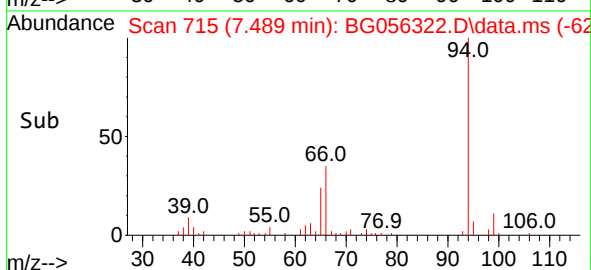
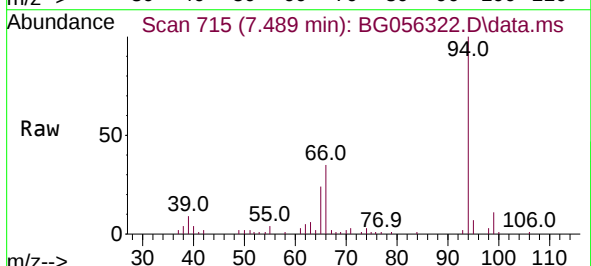
Manual Integrations
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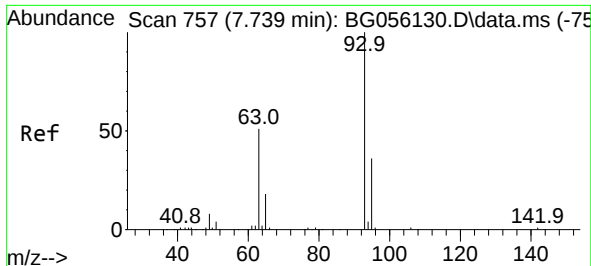
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#10
Phenol
Concen: 8.483 ng
RT: 7.489 min Scan# 715
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion: 94 Resp: 48779
Ion Ratio Lower Upper
94 100
65 23.9 4.3 44.3
66 35.0 13.2 53.2





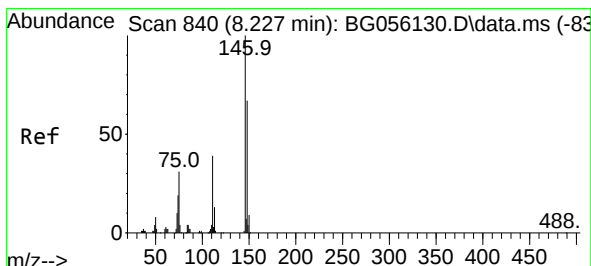
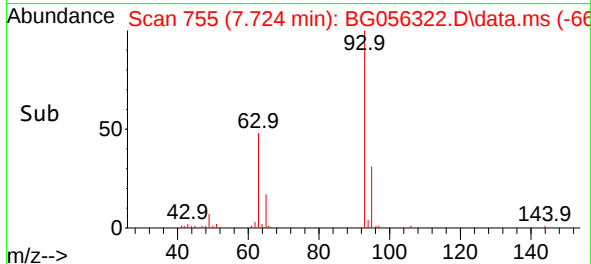
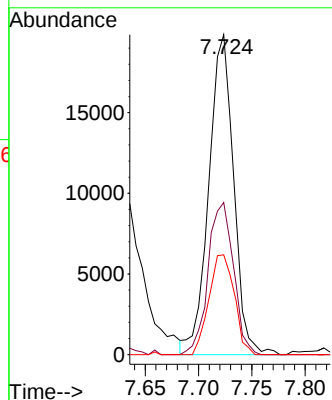
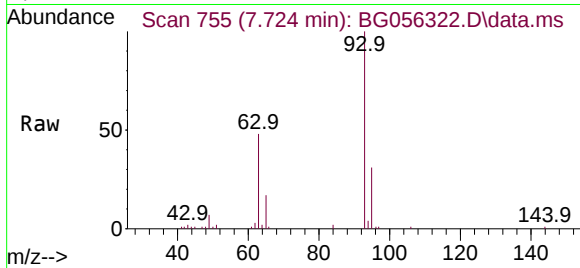
#11
bis(2-Chloroethyl)ether
Concen: 8.270 ng
RT: 7.724 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Tgt Ion: 93 Resp: 32226
Ion Ratio Lower Upper
93 100
63 47.5 30.5 70.5
95 31.2 15.9 55.9

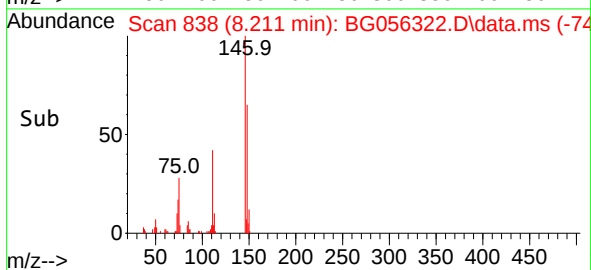
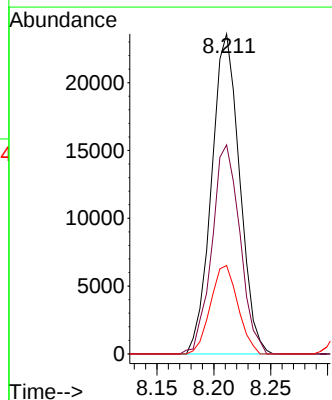
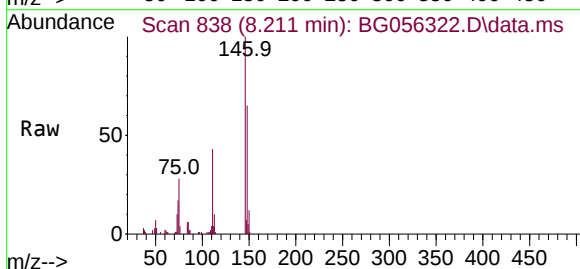
Manual Integrations
APPROVED

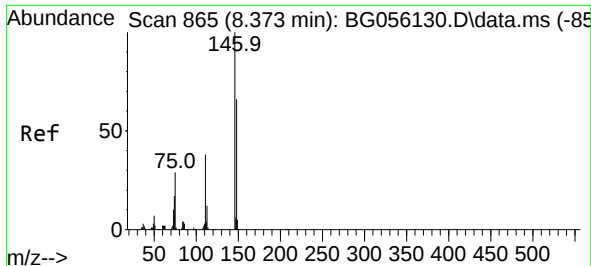
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#12
1,3-Dichlorobenzene
Concen: 9.047 ng
RT: 8.211 min Scan# 838
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

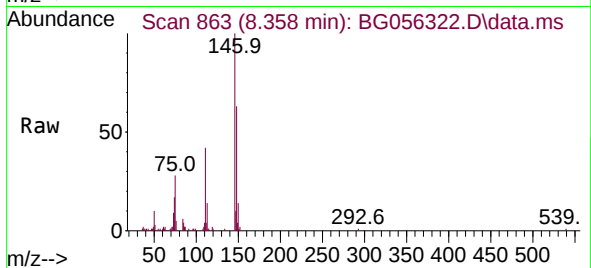
Tgt Ion:146 Resp: 40456
Ion Ratio Lower Upper
146 100
148 65.3 53.5 80.3
75 27.6 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 9.012 ng
RT: 8.358 min Scan# 863
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

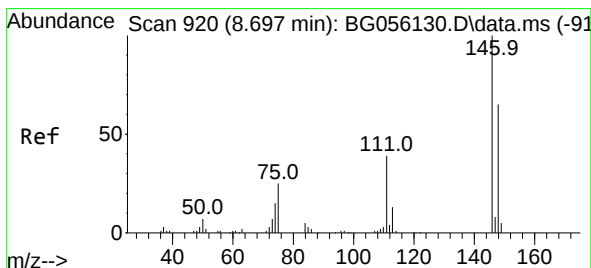
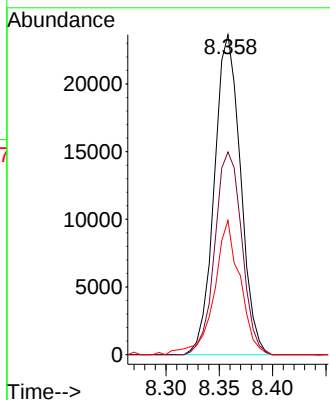
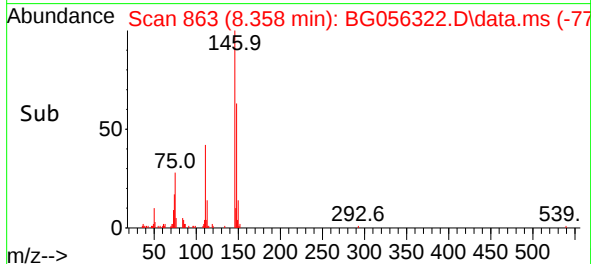
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:146 Resp: 40462
Ion Ratio Lower Upper
146 100
148 63.3 52.8 79.2
111 41.9 30.5 45.7

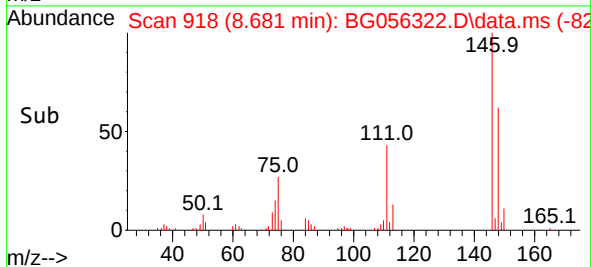
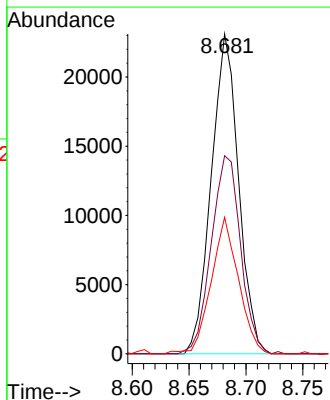
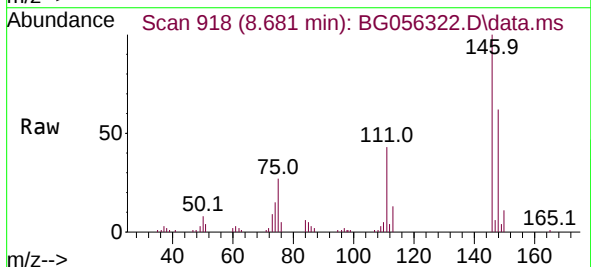
Manual Integrations
APPROVED

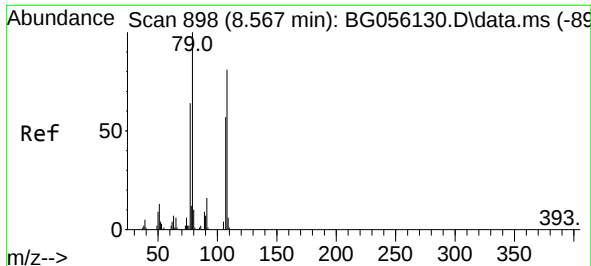
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#14
1,2-Dichlorobenzene
Concen: 8.909 ng
RT: 8.681 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

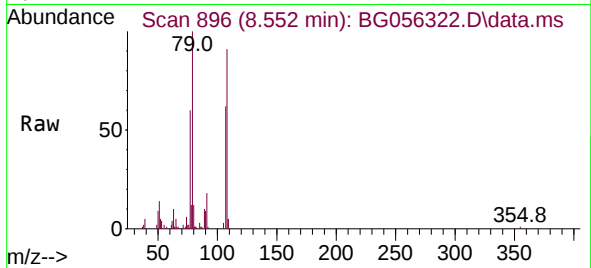
Tgt Ion:146 Resp: 38599
Ion Ratio Lower Upper
146 100
148 61.9 51.7 77.5
111 42.7 31.5 47.3





#15
Benzyl Alcohol
Concen: 6.952 ng
RT: 8.552 min Scan# 898
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

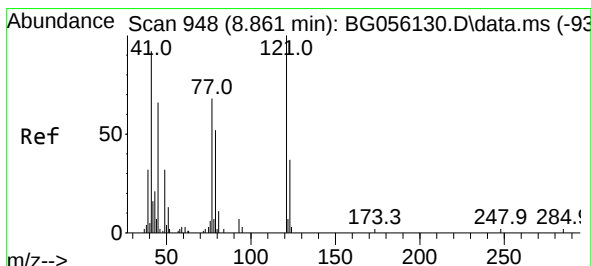
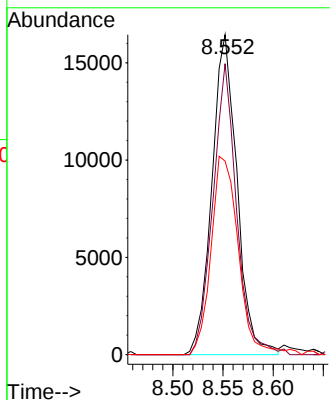
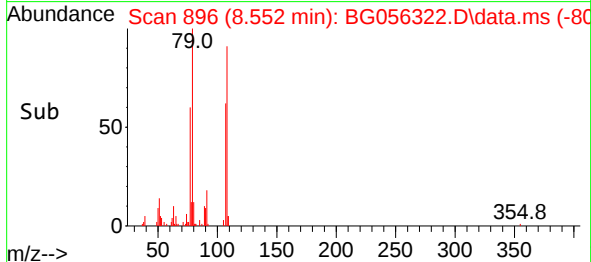
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



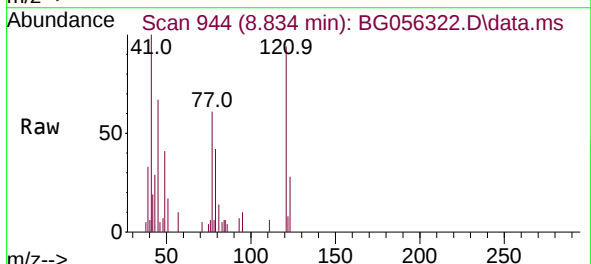
Tgt Ion: 79 Resp: 2869
Ion Ratio Lower Upper
79 100
108 90.9 64.7 97.1
77 60.5 51.5 77.3

Manual Integrations
APPROVED

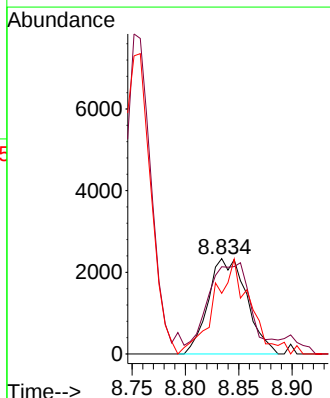
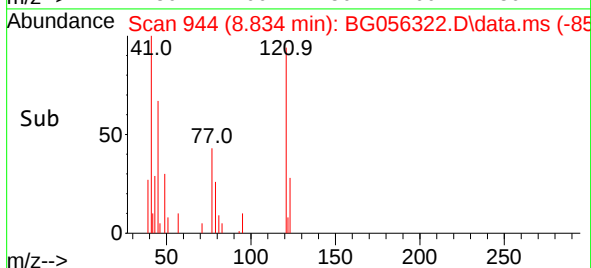
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

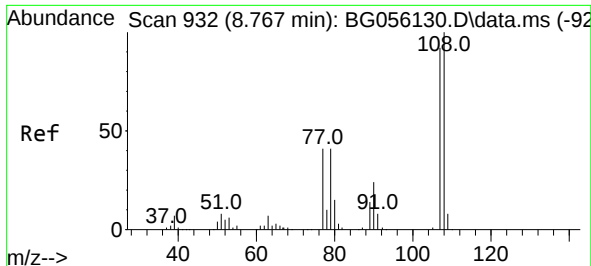


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.544 ng
RT: 8.834 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



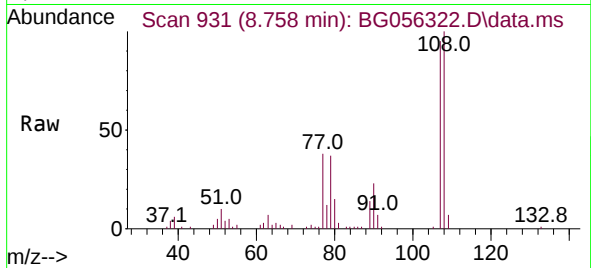
Tgt Ion: 45 Resp: 5884
Ion Ratio Lower Upper
45 100
77 91.4 88.2 128.2
79 63.6 61.2 101.2





#17
2-Methylphenol
Concen: 8.063 ng
RT: 8.758 min Scan# 931
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

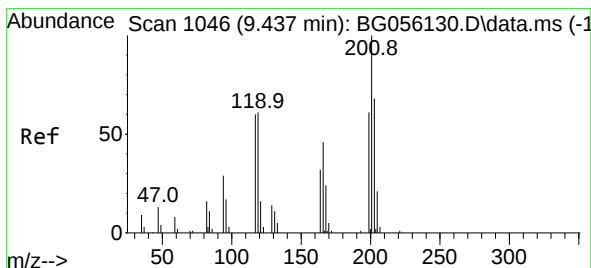
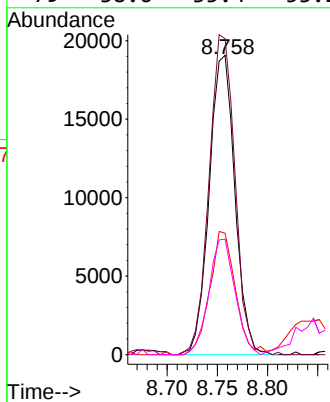
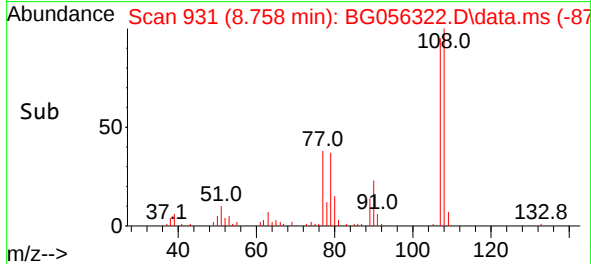
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:	107	Resp:	34020
Ion Ratio	Lower	Upper	
107	100		
108	105.6	86.6	129.8
77	40.5	35.4	53.2
79	38.6	35.4	53.2

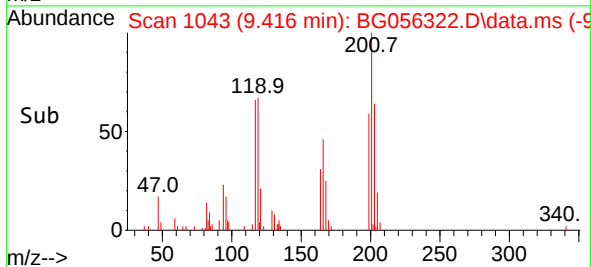
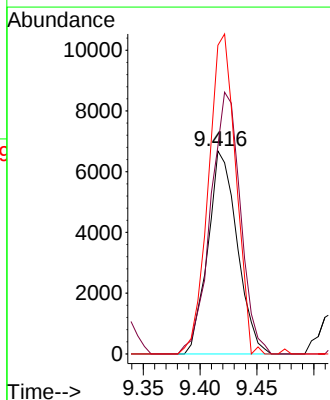
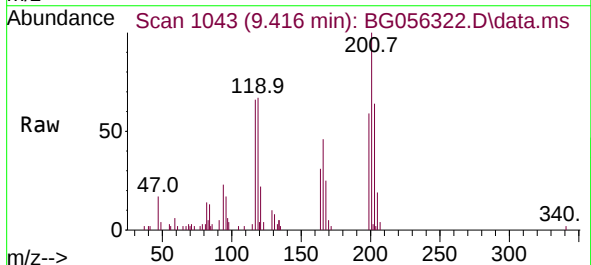
Manual Integrations
APPROVED

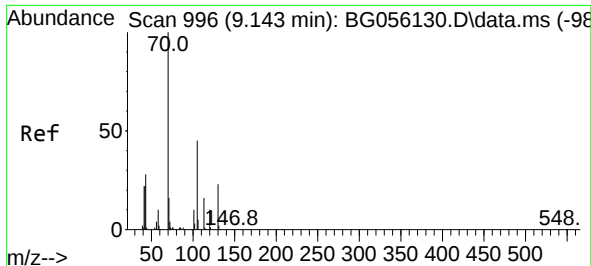
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 8.780 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

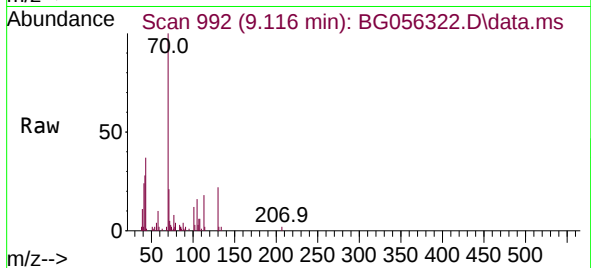
Tgt Ion:	117	Resp:	11977
Ion Ratio	Lower	Upper	
117	100		
119	102.3	81.8	122.6
201	152.1	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 6.703 ng
RT: 9.116 min Scan# 996
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

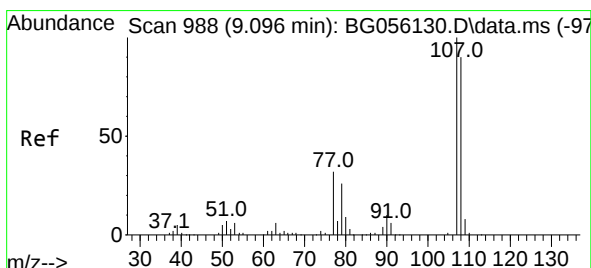
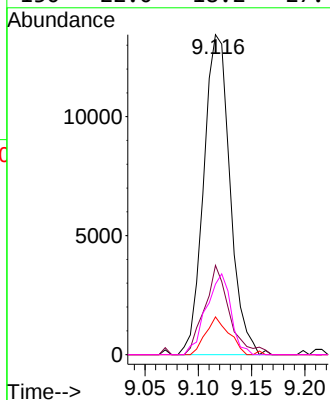
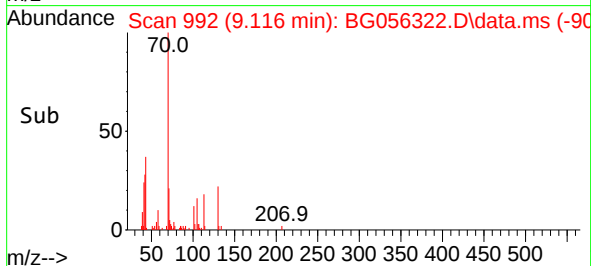
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



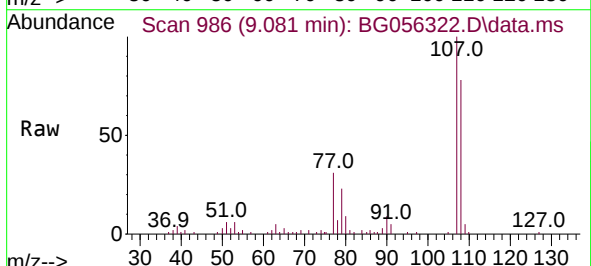
Tgt Ion: 70 Resp: 2311
Ion Ratio Lower Upper
70 100
42 27.9 18.2 27.2
101 11.8 8.3 12.5
130 22.0 18.2 27.4

Manual Integrations
APPROVED

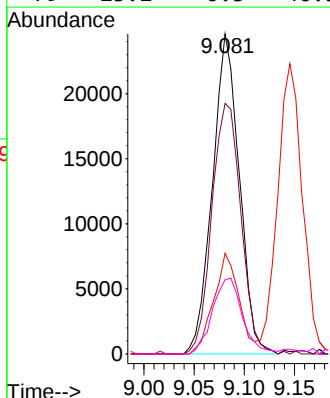
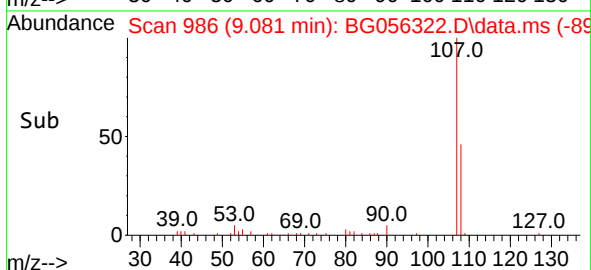
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

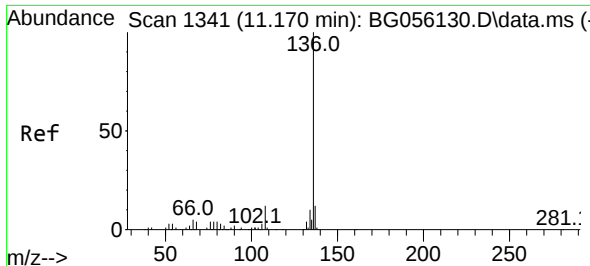


#20
3+4-Methylphenols
Concen: 7.717 ng
RT: 9.081 min Scan# 986
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



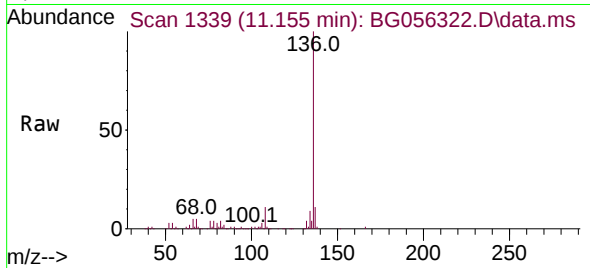
Tgt Ion:107 Resp: 45780
Ion Ratio Lower Upper
107 100
108 78.3 69.6 109.6
77 31.4 11.7 51.7
79 23.2 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.155 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

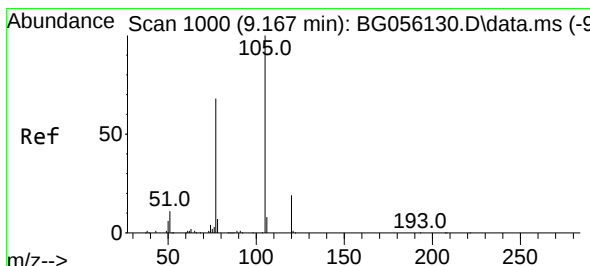
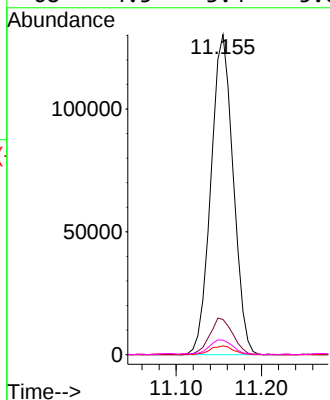
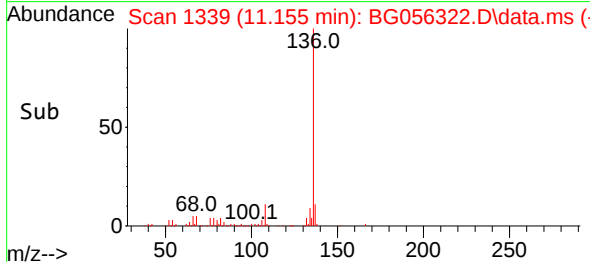
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:136 Resp: 236413
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.7 2.2 3.2
68 4.5 3.4 5.0

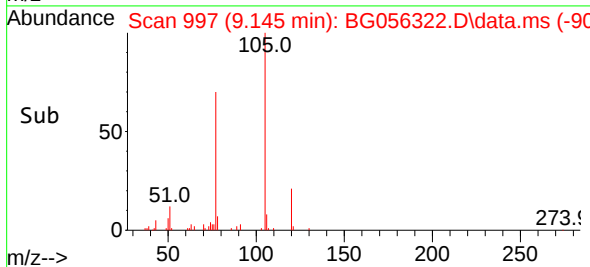
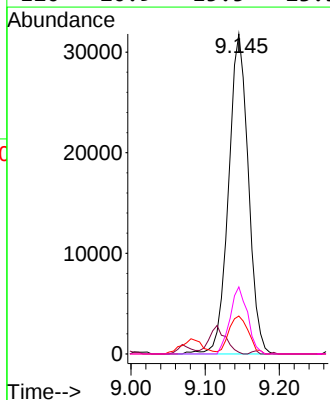
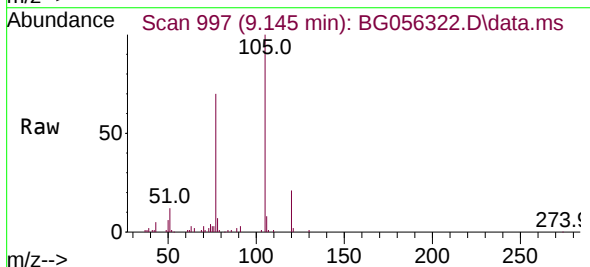
Manual Integrations
APPROVED

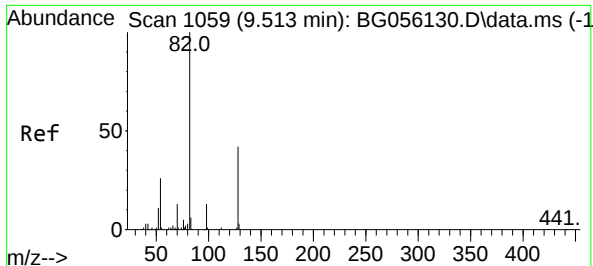
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 8.782 ng
RT: 9.145 min Scan# 997
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:105 Resp: 58704
Ion Ratio Lower Upper
105 100
71 0.5 0.5 0.7
51 11.8 9.3 13.9
120 20.9 15.5 23.3





#23

Nitrobenzene-d5

Concen: 12.026 ng

RT: 9.492 min Scan# 1056

Delta R.T. 0.000 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

Instrument :

BNA_G

ClientSampleId :

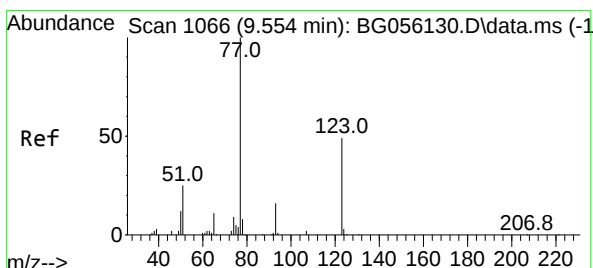
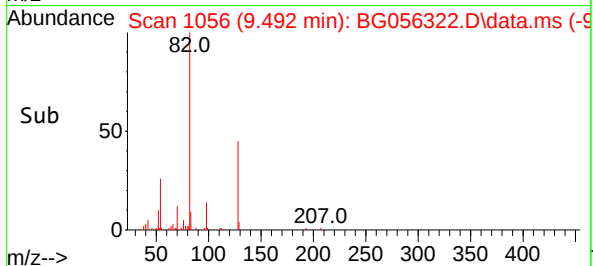
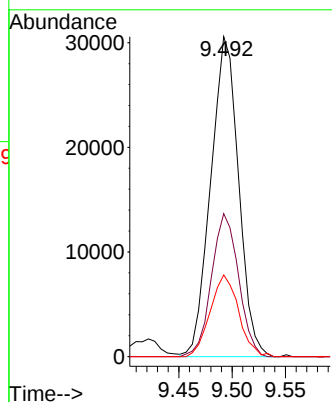
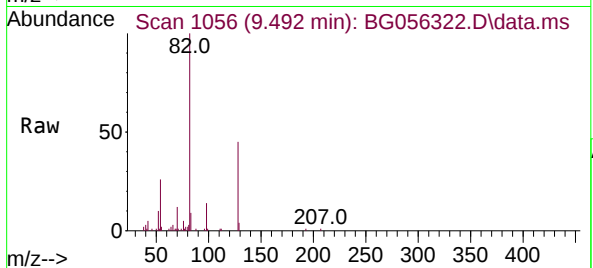
EO-3-011623MSD

Tgt Ion: 82	Resp: 55584
Ion Ratio	Lower Upper
82 100	
128 44.7	33.4 50.2
54 25.5	20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#24

Nitrobenzene

Concen: 8.079 ng

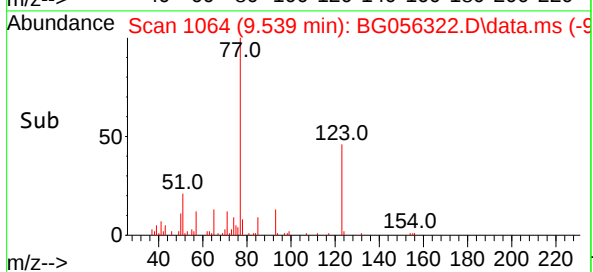
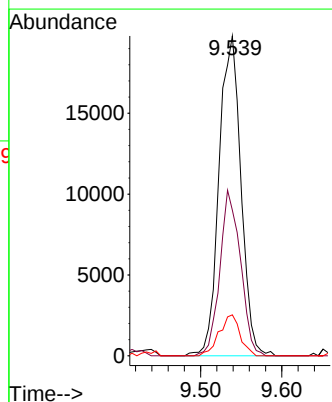
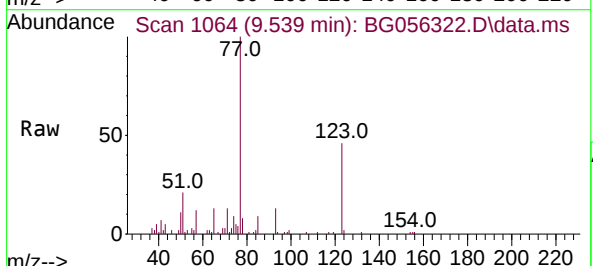
RT: 9.539 min Scan# 1064

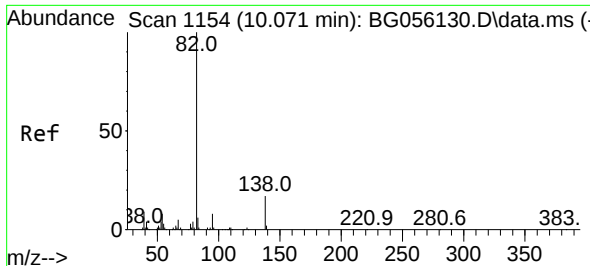
Delta R.T. 0.006 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

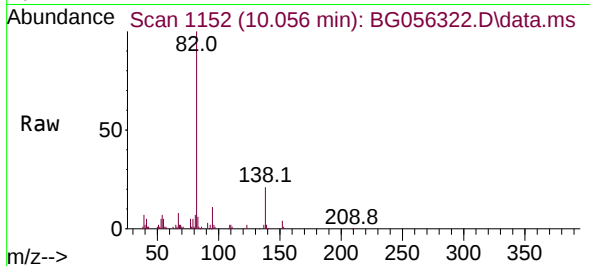
Tgt Ion: 77	Resp: 37004
Ion Ratio	Lower Upper
77 100	
123 45.5	38.8 58.2
65 12.8	9.1 13.7





#25
Isophorone
Concen: 7.099 ng
RT: 10.056 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

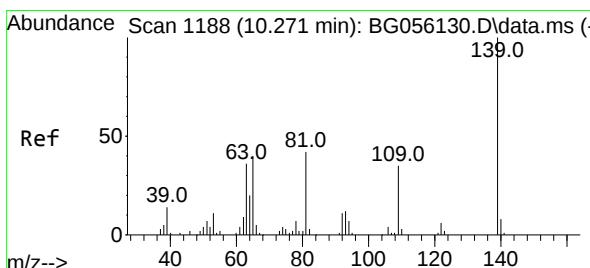
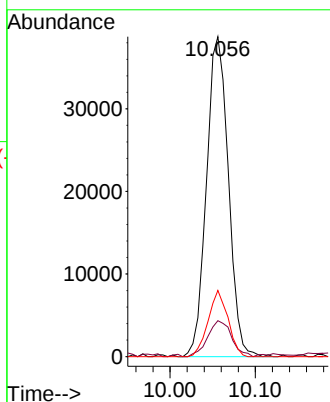
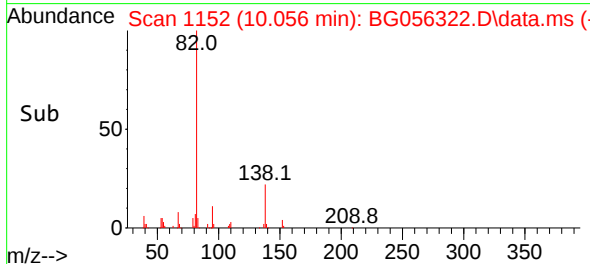
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



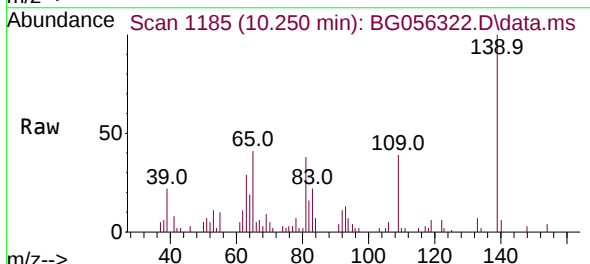
Tgt Ion: 82 Resp: 69032
Ion Ratio Lower Upper
82 100
95 11.2 6.7 10.1
138 20.7 13.7 20.5

Manual Integrations
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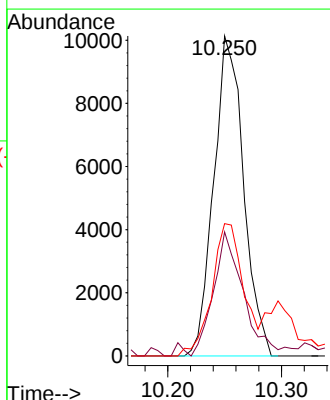
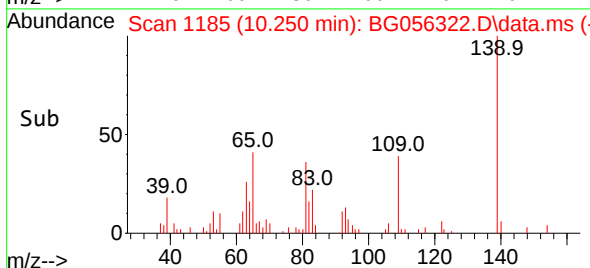
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

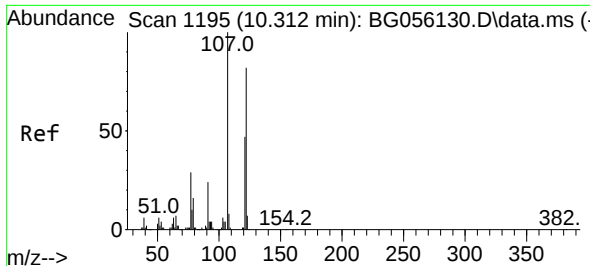


#26
2-Nitrophenol
Concen: 7.878 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



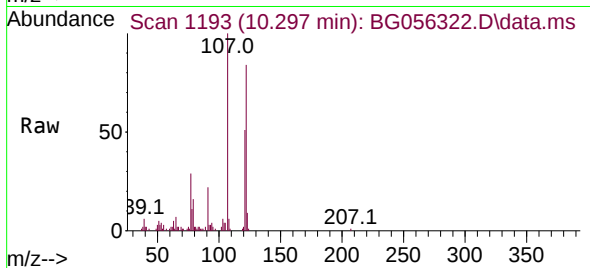
Tgt Ion:139 Resp: 18462
Ion Ratio Lower Upper
139 100
109 38.8 28.4 42.6
65 41.3 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 8.425 ng
RT: 10.297 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

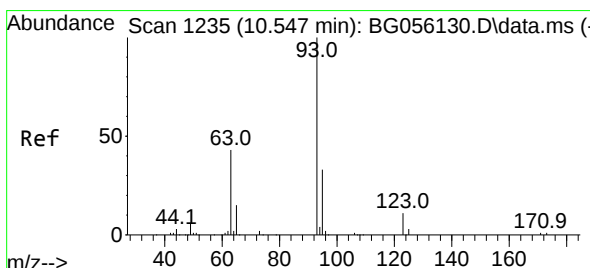
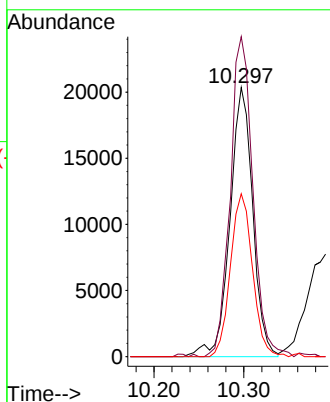
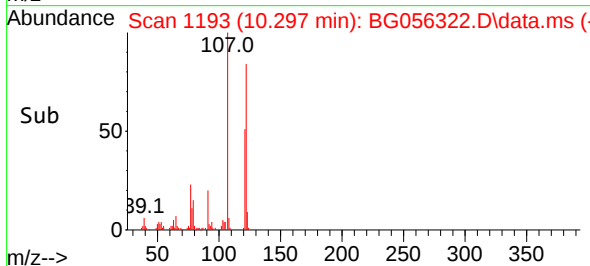
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:122 Resp: 3601
Ion Ratio Lower Upper
122 100
107 118.9 97.5 146.3
121 60.5 45.9 68.9

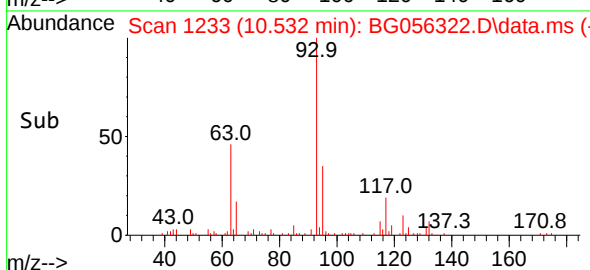
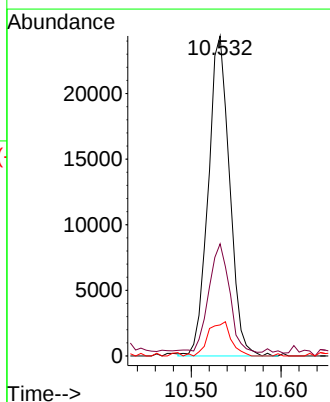
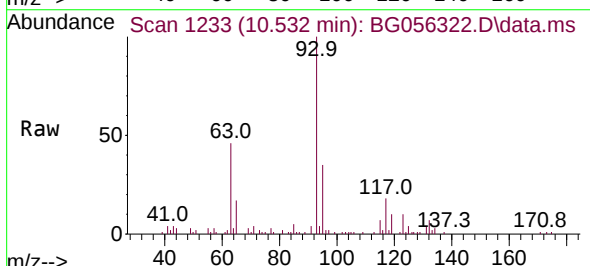
Manual Integrations
APPROVED

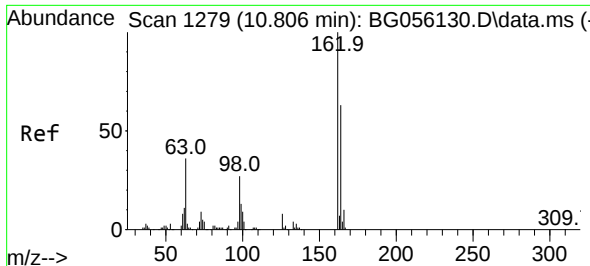
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#28
bis(2-Chloroethoxy)methane
Concen: 7.973 ng
RT: 10.532 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

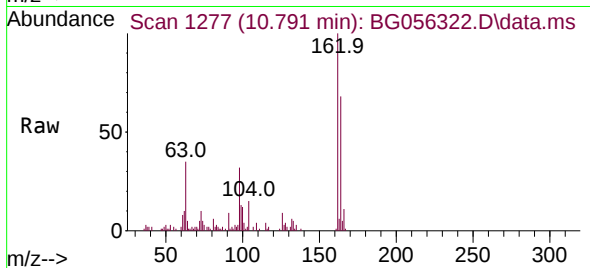
Tgt Ion: 93 Resp: 40299
Ion Ratio Lower Upper
93 100
95 35.0 26.2 39.2
123 9.7 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 8.553 ng
RT: 10.791 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

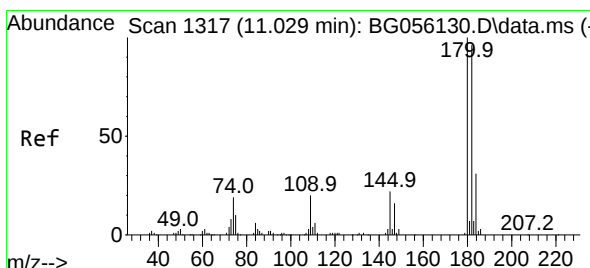
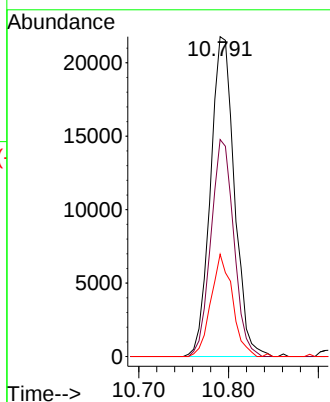
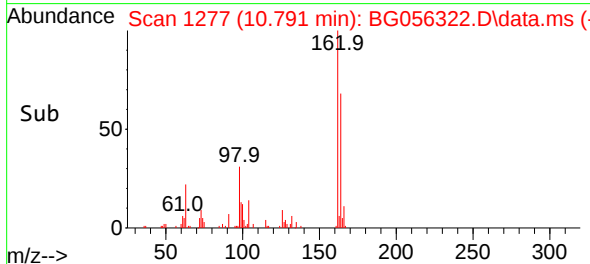
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:162 Resp: 40416
Ion Ratio Lower Upper
162 100
164 67.8 43.3 83.3
98 32.0 6.8 46.8

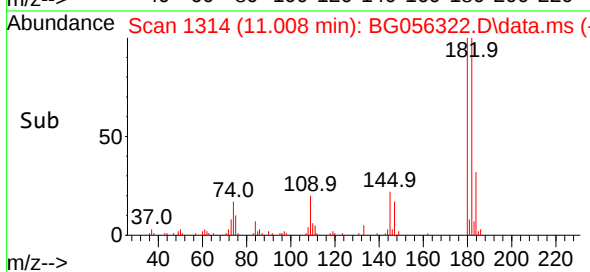
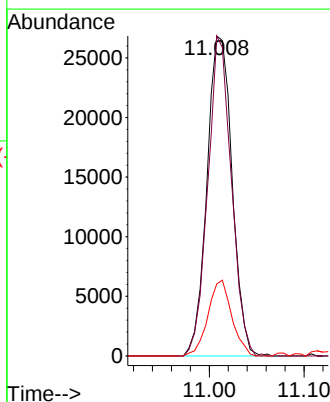
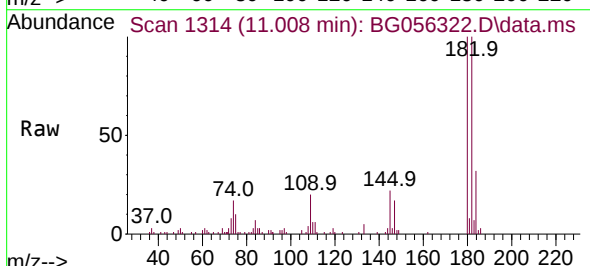
Manual Integrations
APPROVED

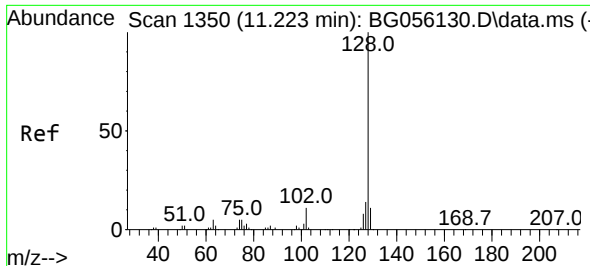
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#30
1,2,4-Trichlorobenzene
Concen: 9.207 ng
RT: 11.008 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

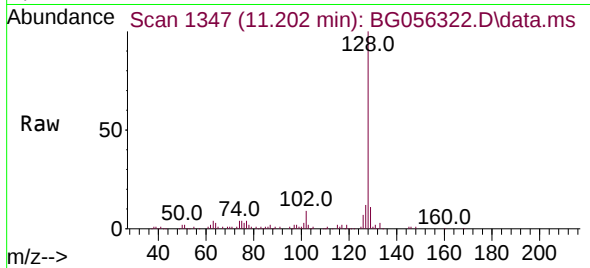
Tgt Ion:180 Resp: 49375
Ion Ratio Lower Upper
180 100
182 100.0 77.0 115.4
145 22.5 17.4 26.2





#31
Naphthalene
Concen: 9.643 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

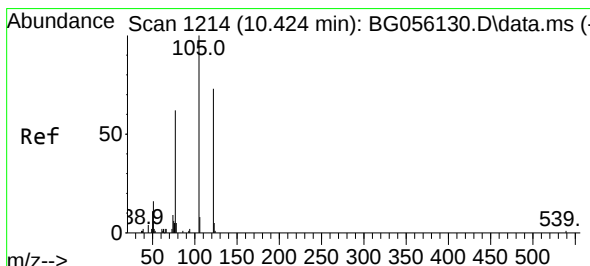
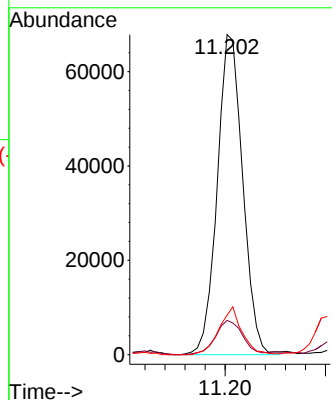
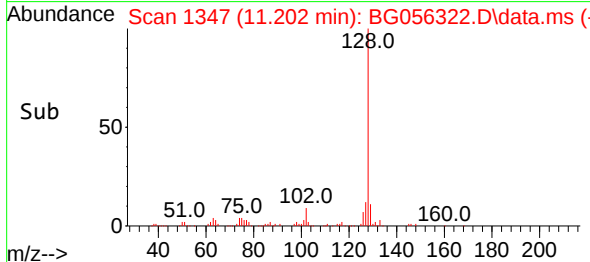
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:128 Resp: 119976
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.3 11.2 16.8

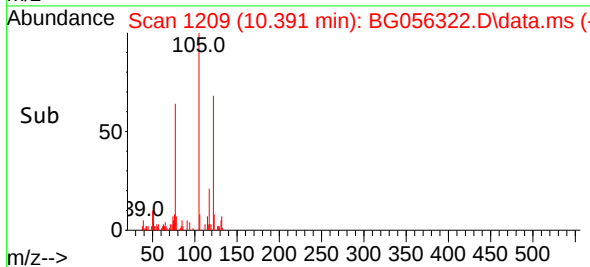
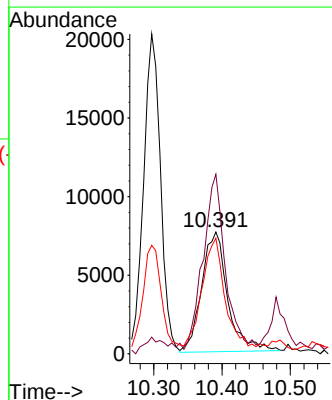
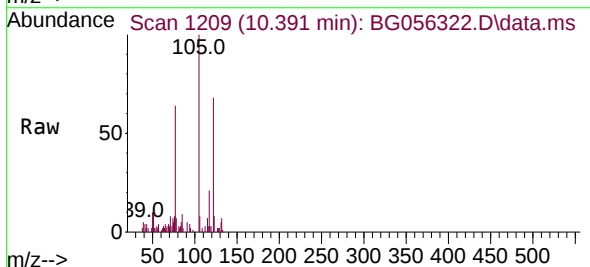
Manual Integrations
APPROVED

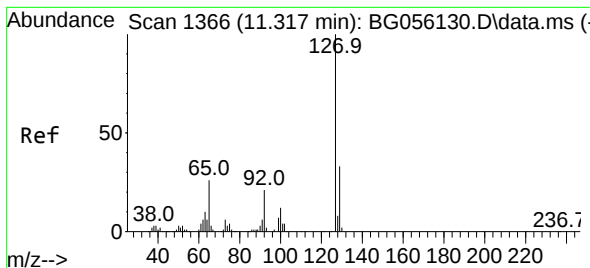
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 6.385 ng
RT: 10.391 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

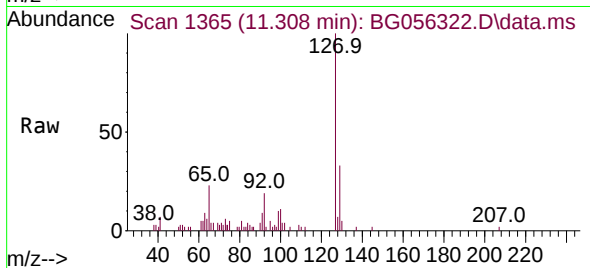
Tgt Ion:122 Resp: 20251
Ion Ratio Lower Upper
122 100
105 147.5 109.0 149.0
77 94.9 63.1 103.1





#33
4-Chloroaniline
Concen: 2.984 ng
RT: 11.308 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

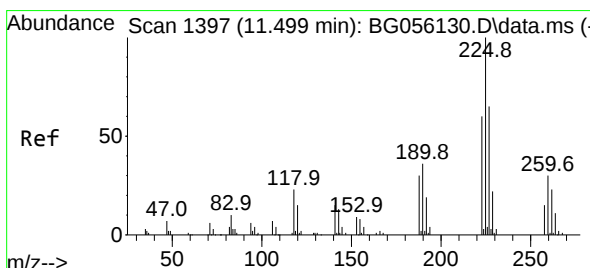
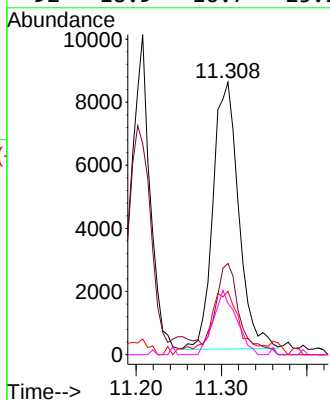
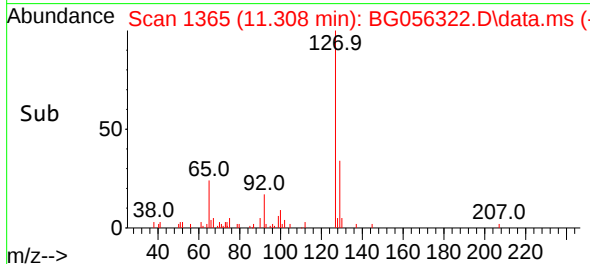
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



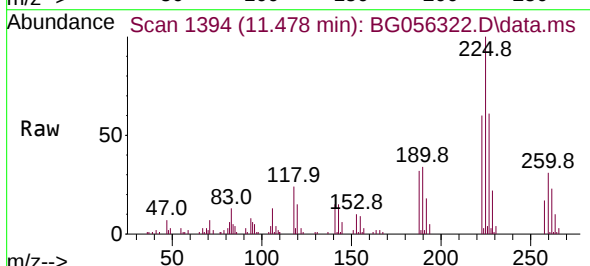
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.1	39.1
65	23.3	20.9	31.3
92	18.9	16.7	25.1

Manual Integrations
APPROVED

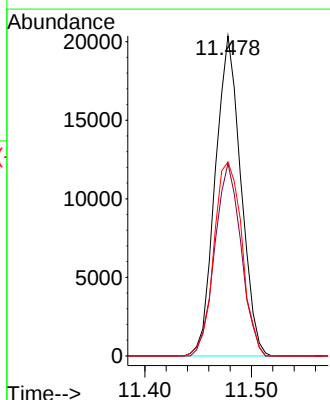
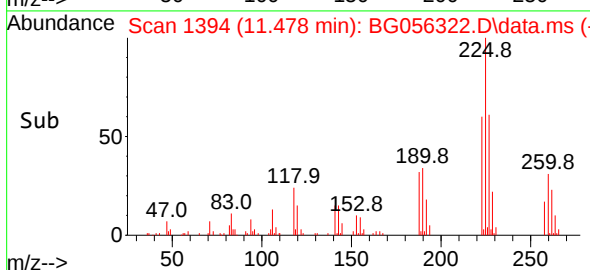
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

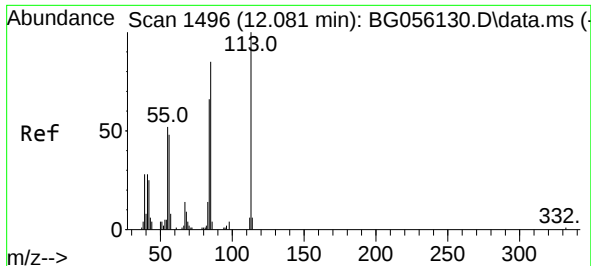


#34
Hexachlorobutadiene
Concen: 8.807 ng
RT: 11.478 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



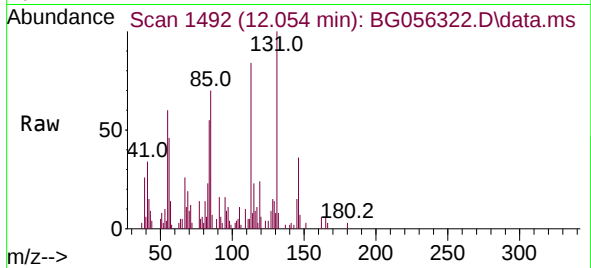
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	47.7	71.5
227	60.6	52.3	78.5





#35
Caprolactam
Concen: 6.820 ng
RT: 12.054 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

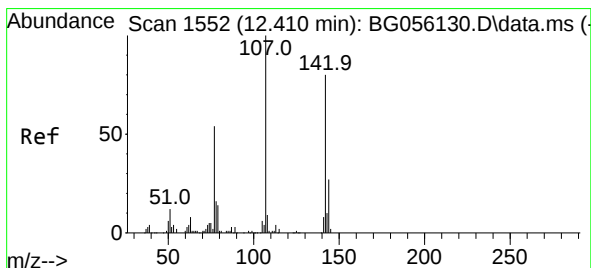
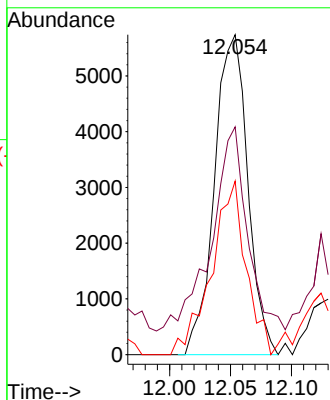
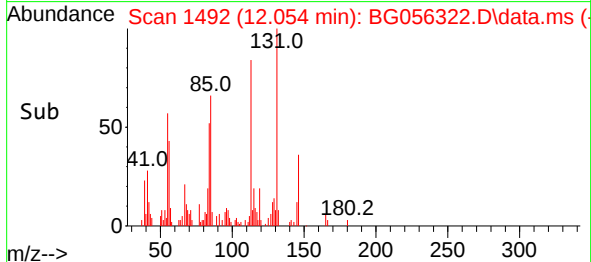
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:113 Resp: 1091
Ion Ratio Lower Upper
113 100
55 71.2 31.9 71.9
56 54.2 27.6 67.6

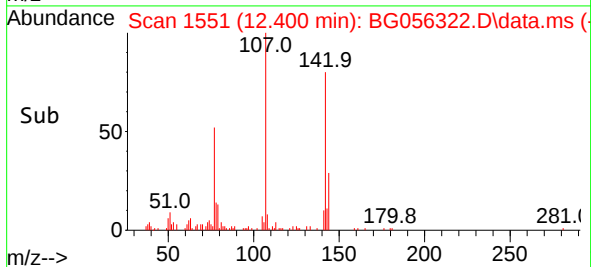
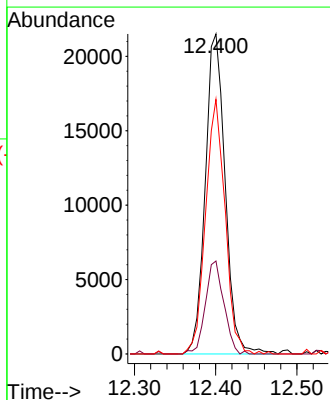
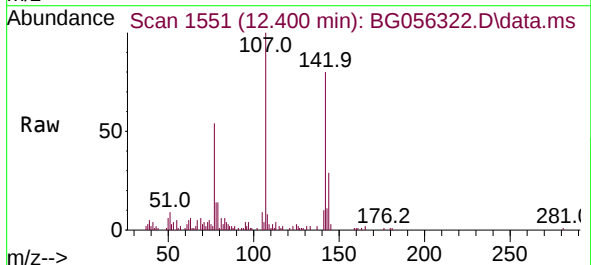
Manual Integrations
APPROVED

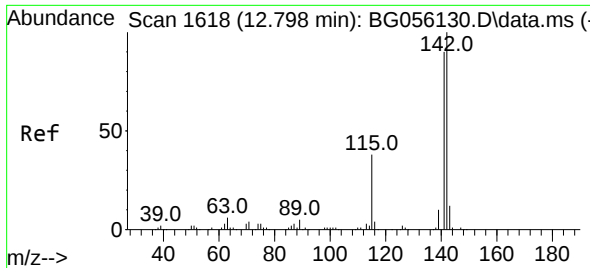
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#36
4-Chloro-3-methylphenol
Concen: 7.643 ng
RT: 12.400 min Scan# 1551
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

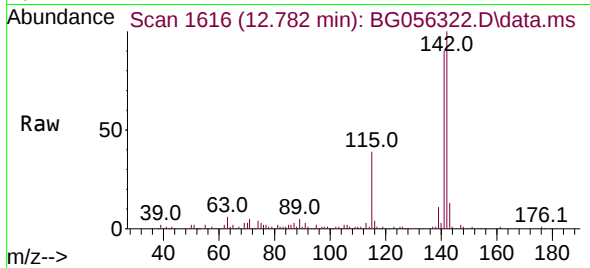
Tgt Ion:107 Resp: 36647
Ion Ratio Lower Upper
107 100
144 29.0 21.5 32.3
142 79.5 63.8 95.6





#37
2-Methylnaphthalene
Concen: 8.499 ng
RT: 12.782 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

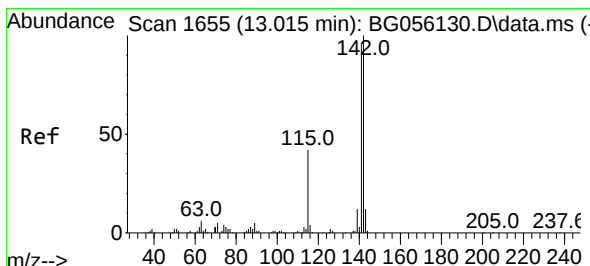
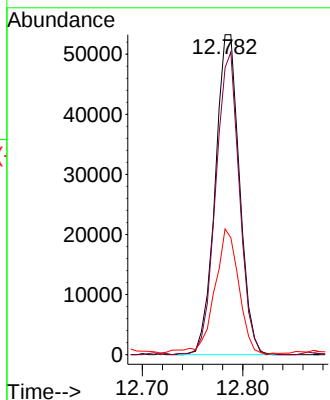
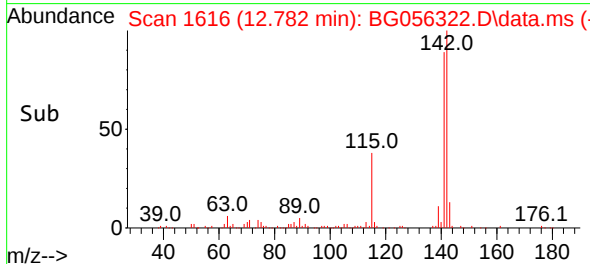
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



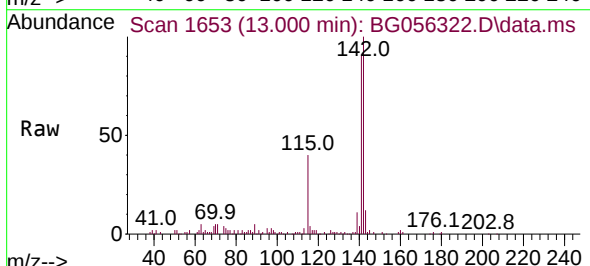
Tgt Ion:142 Resp: 89292
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4
115 39.3 30.7 46.1

Manual Integrations
APPROVED

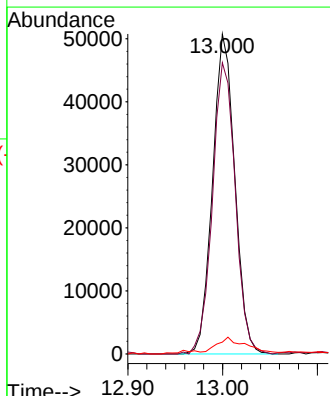
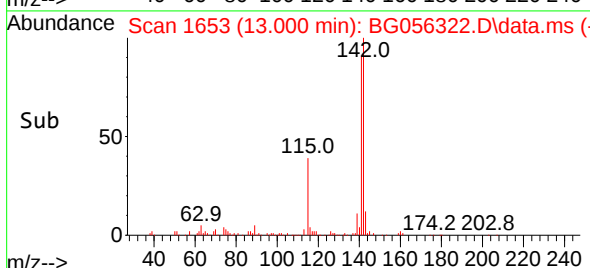
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

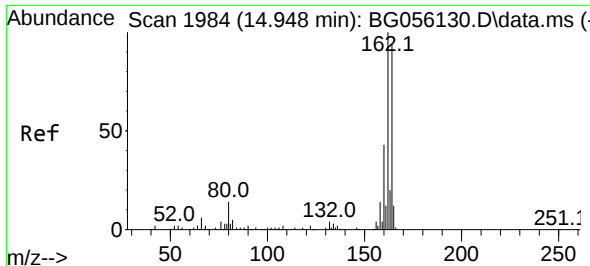


#38
1-Methylnaphthalene
Concen: 8.477 ng
RT: 13.000 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



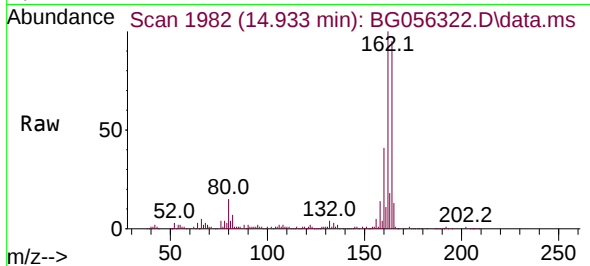
Tgt Ion:142 Resp: 82704
Ion Ratio Lower Upper
142 100
141 91.0 77.0 115.6
116 3.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

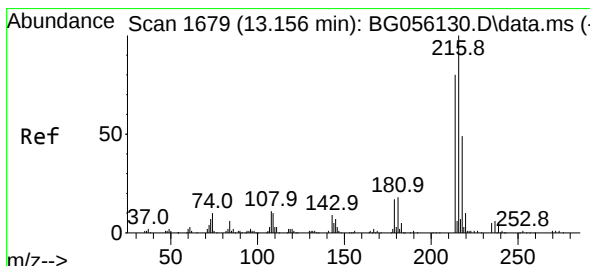
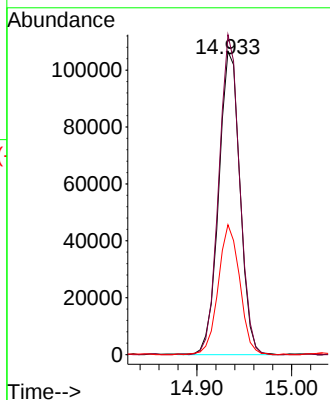
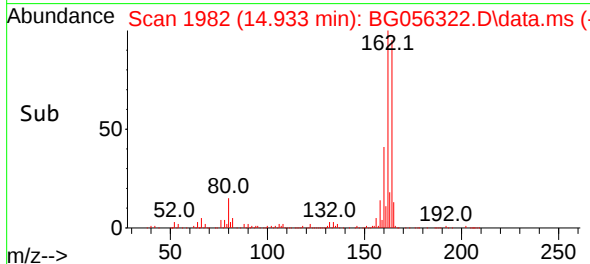
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:164 Resp: 16607
Ion Ratio Lower Upper
164 100
162 105.5 84.7 127.1
160 42.8 36.3 54.5

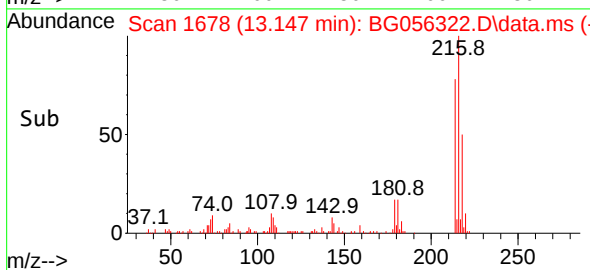
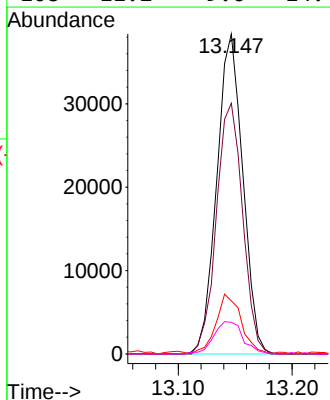
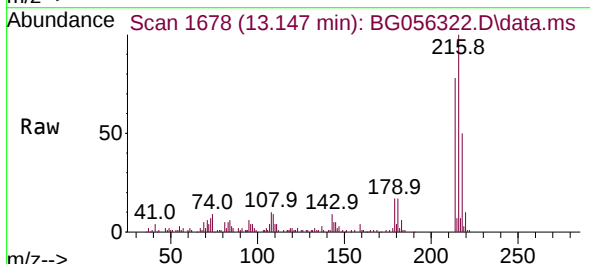
Manual Integrations
APPROVED

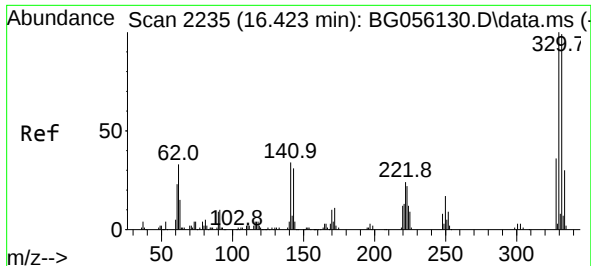
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.787 ng
RT: 13.147 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

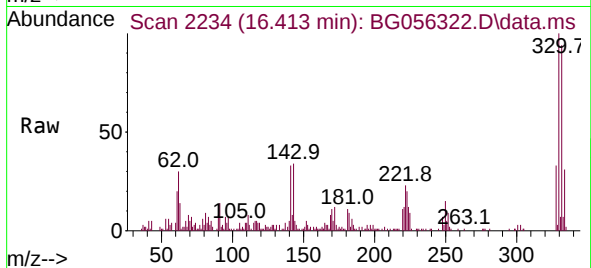
Tgt Ion:216 Resp: 60917
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 18.1 13.6 20.4
108 11.2 9.6 14.4





#42
2,4,6-Tribromophenol
Concen: 17.929 ng
RT: 16.413 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

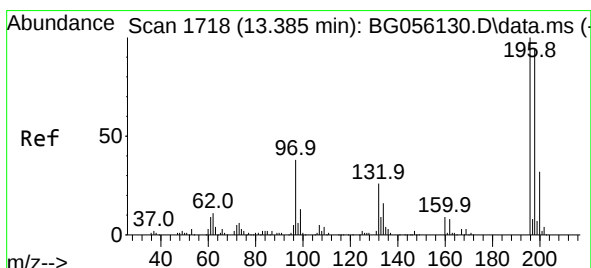
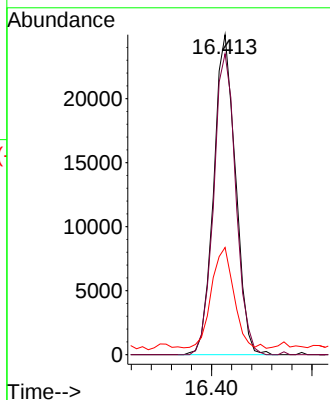
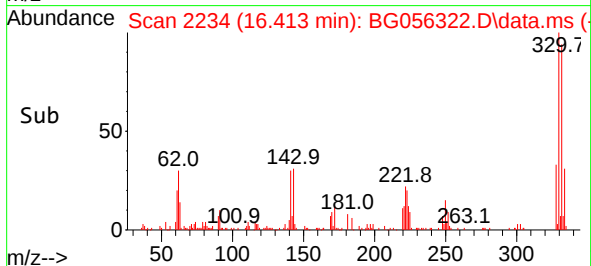
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



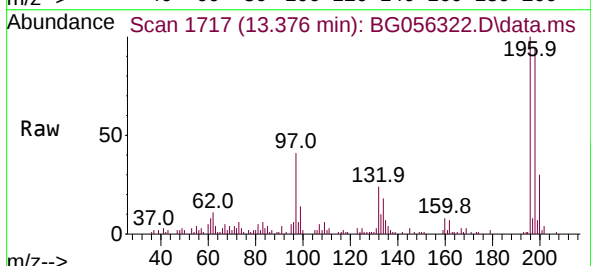
Tgt Ion:330 Resp: 37710
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 33.1 27.9 41.9

Manual Integrations
APPROVED

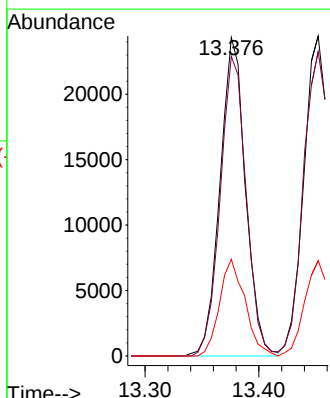
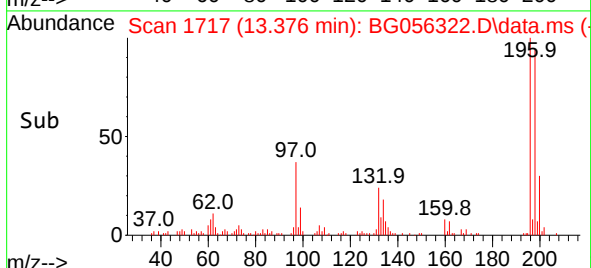
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

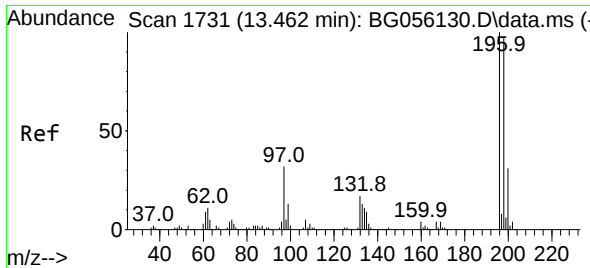


#43
2,4,6-Trichlorophenol
Concen: 9.217 ng
RT: 13.376 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



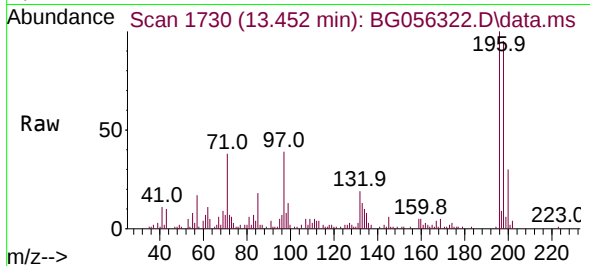
Tgt Ion:196 Resp: 37936
Ion Ratio Lower Upper
196 100
198 94.1 75.5 113.3
200 30.3 25.7 38.5





#44
2,4,5-Trichlorophenol
Concen: 8.356 ng
RT: 13.452 min Scan# 1730
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

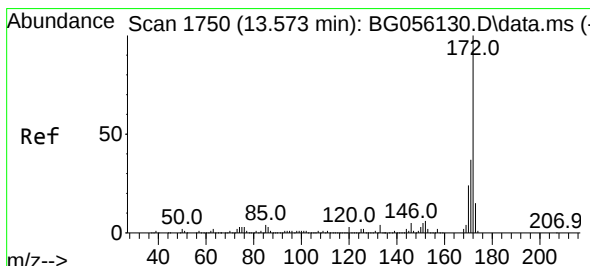
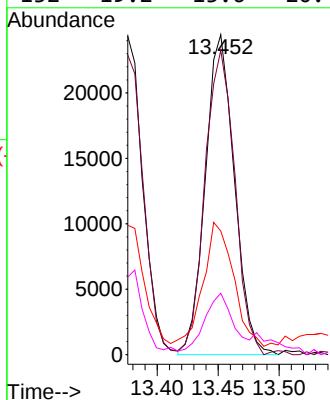
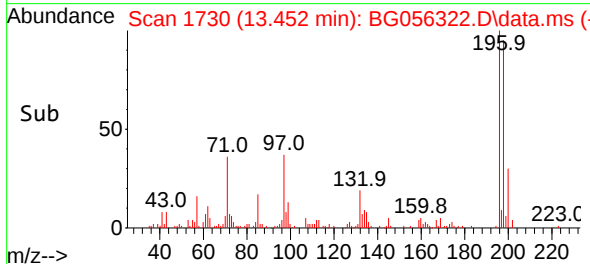
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



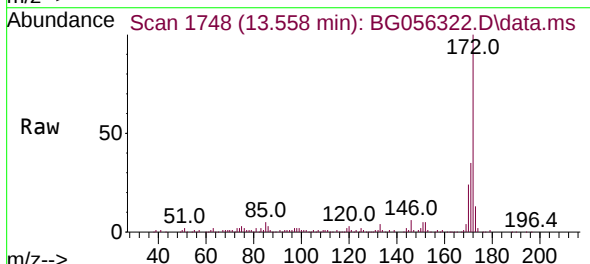
Tgt Ion:196 Resp: 40684
Ion Ratio Lower Upper
196 100
198 95.1 78.0 117.0
97 38.6 25.7 38.5
132 19.2 13.6 20.4

Manual Integrations
APPROVED

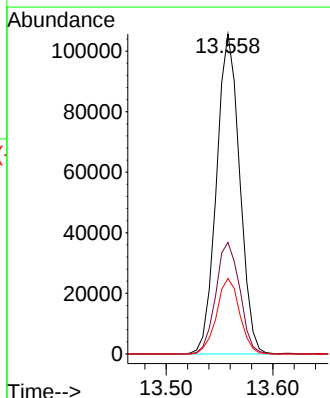
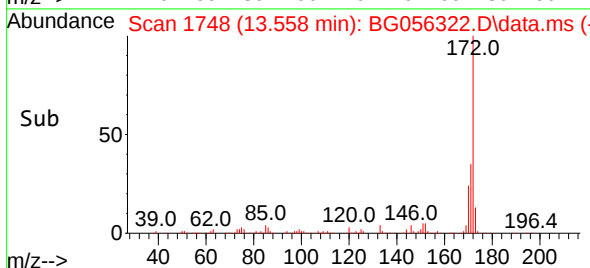
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

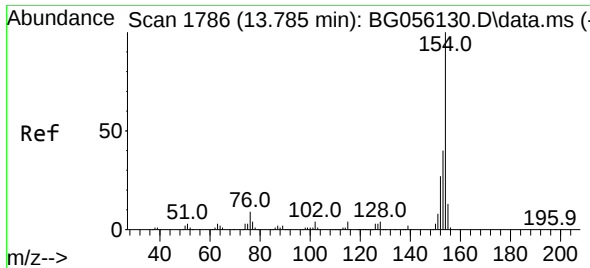


#45
2-Fluorobiphenyl
Concen: 13.282 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



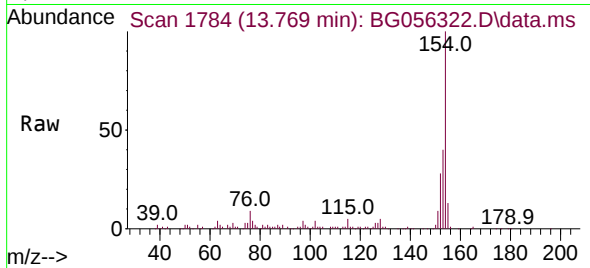
Tgt Ion:172 Resp: 159731
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.6 19.4 29.2





#46
1,1'-Biphenyl
Concen: 9.647 ng
RT: 13.769 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

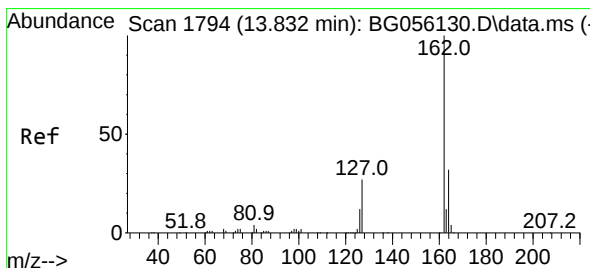
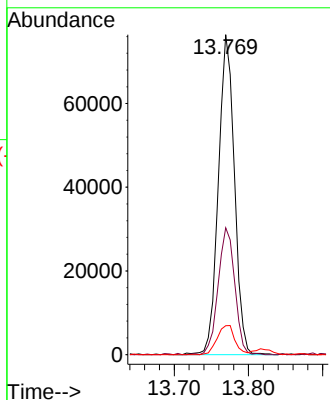
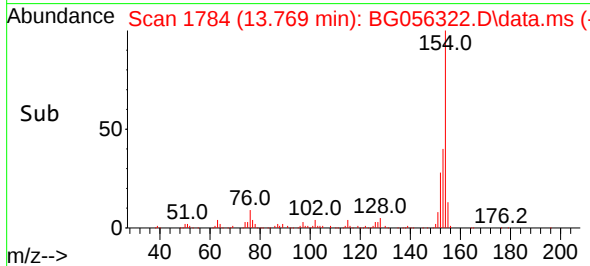
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



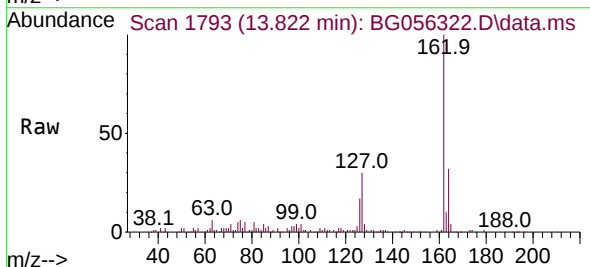
Tgt Ion:154 Resp: 114739
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 9.0 0.0 29.3

Manual Integrations
APPROVED

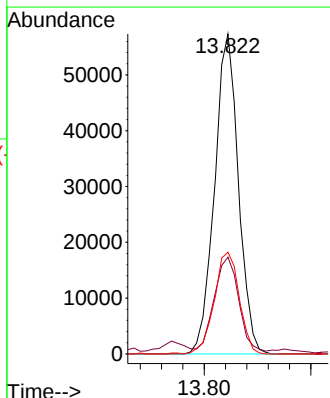
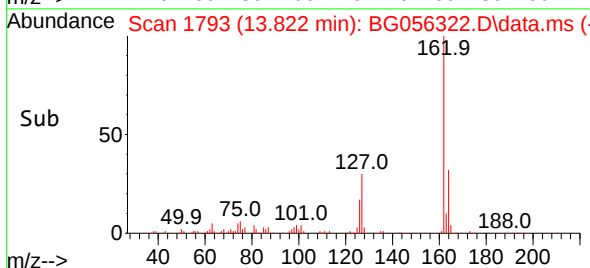
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

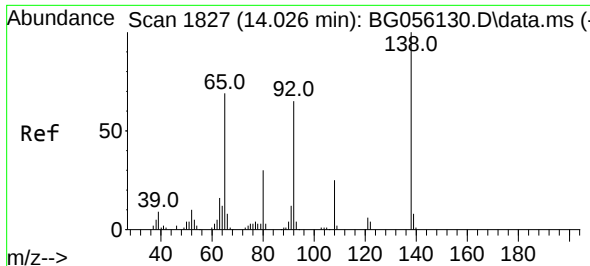


#47
2-Chloronaphthalene
Concen: 9.496 ng
RT: 13.822 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



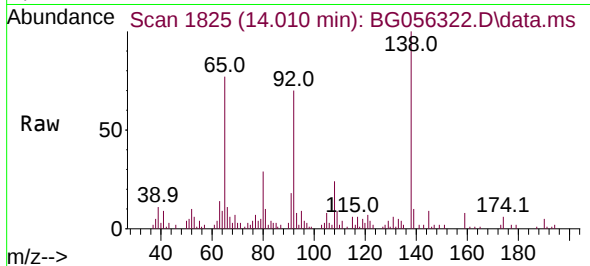
Tgt Ion:162 Resp: 89148
Ion Ratio Lower Upper
162 100
127 30.2 24.6 36.8
164 31.8 25.8 38.8





#48
2-Nitroaniline
Concen: 9.464 ng
RT: 14.010 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

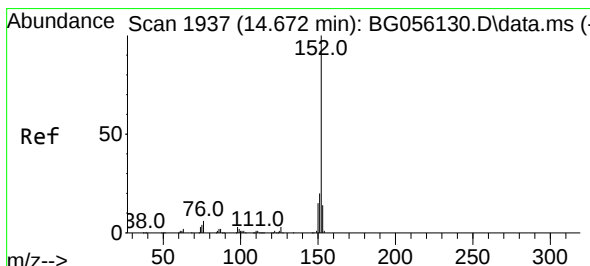
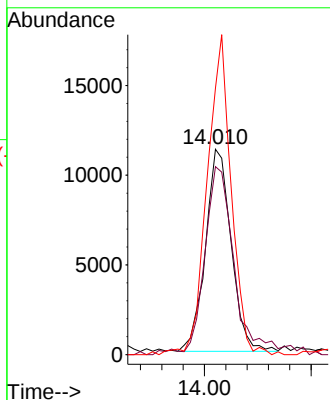
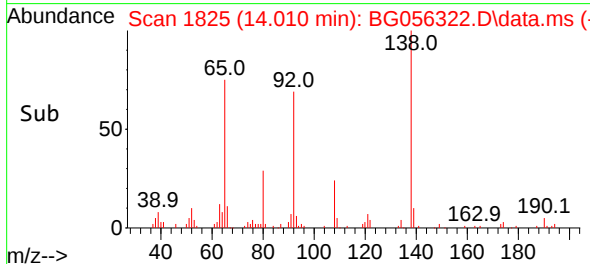
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion: 65 Resp: 18929
Ion Ratio Lower Upper
65 100
92 91.5 76.0 114.0
138 129.8 116.6 174.8

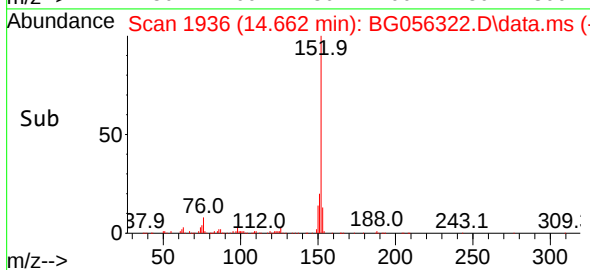
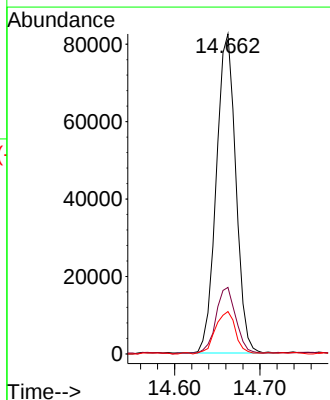
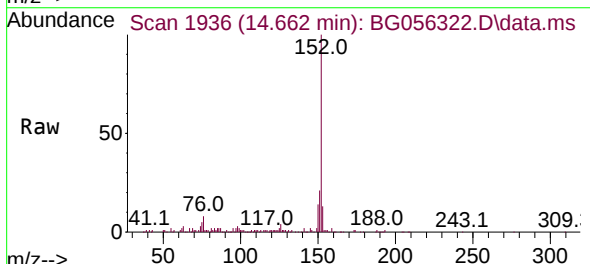
Manual Integrations
APPROVED

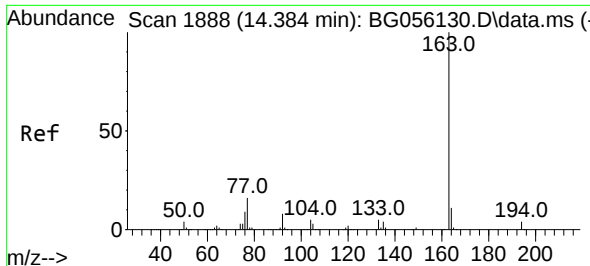
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#49
Acenaphthylene
Concen: 8.575 ng
RT: 14.662 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:152 Resp: 131005
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 13.3 11.0 16.6





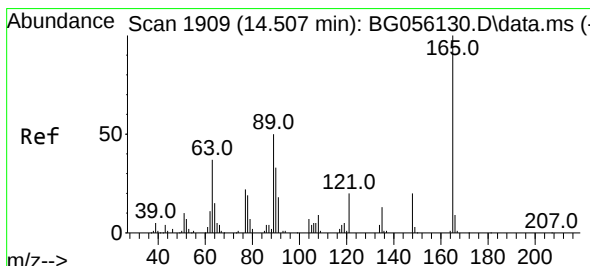
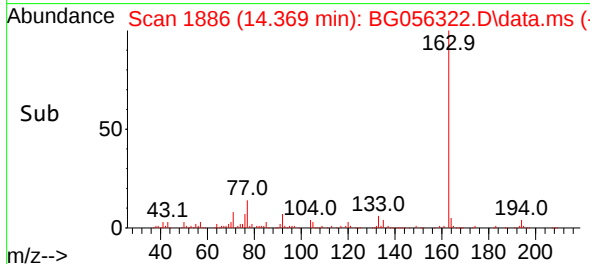
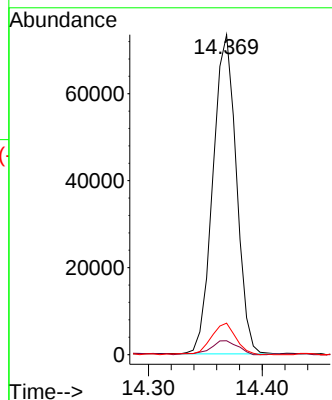
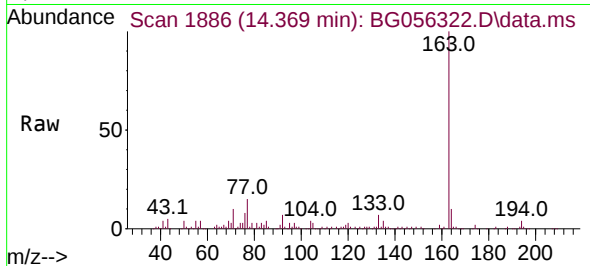
#50
Dimethylphthalate
Concen: 7.823 ng
RT: 14.369 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Tgt Ion:163 Resp: 104879
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.8 8.7 13.1

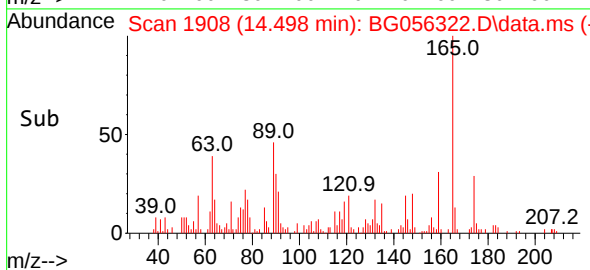
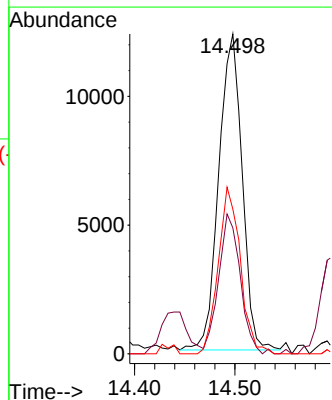
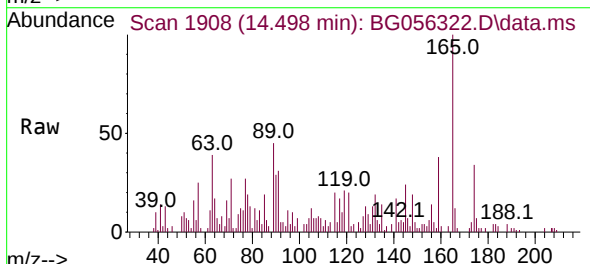
Manual Integrations
APPROVED

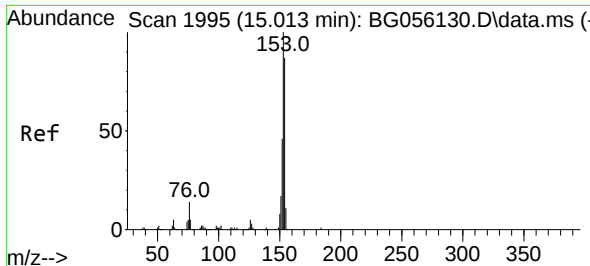
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#51
2,6-Dinitrotoluene
Concen: 6.956 ng
RT: 14.498 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

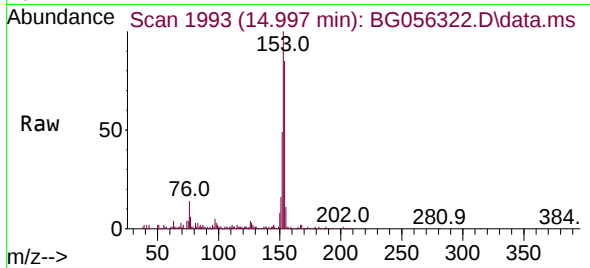
Tgt Ion:165 Resp: 19870
Ion Ratio Lower Upper
165 100
63 39.4 32.2 48.2
89 45.2 39.8 59.8





#52
Acenaphthene
Concen: 8.879 ng
RT: 14.997 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

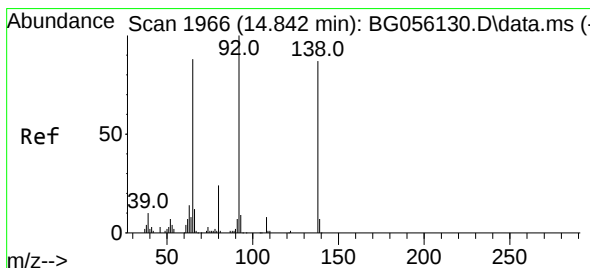
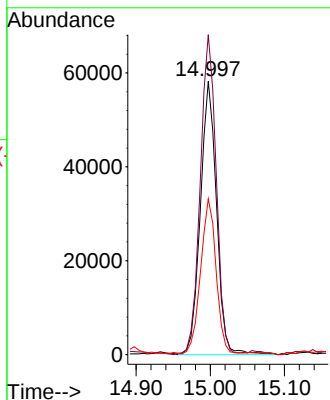
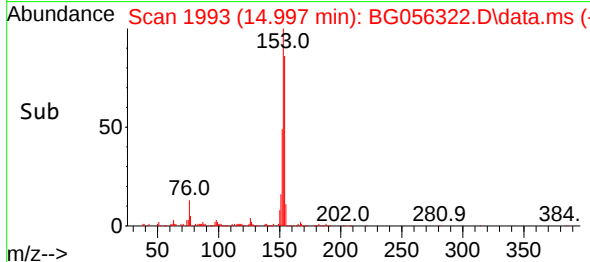
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



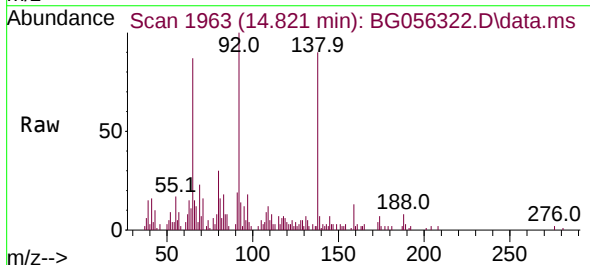
Tgt Ion:154 Resp: 88218
Ion Ratio Lower Upper
154 100
153 117.1 92.0 138.0
152 57.0 42.5 63.7

Manual Integrations
APPROVED

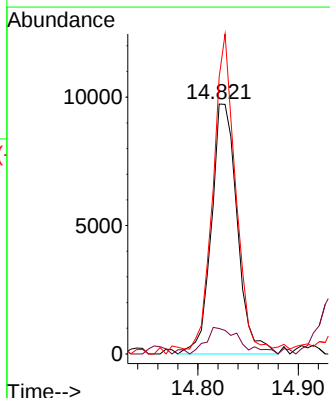
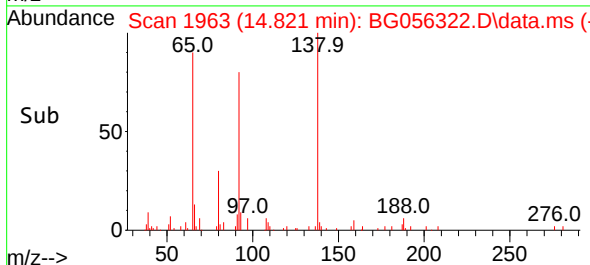
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

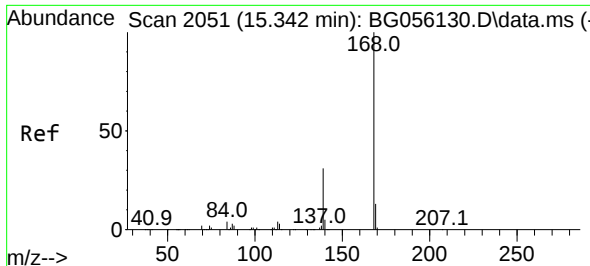


#53
3-Nitroaniline
Concen: 6.398 ng
RT: 14.821 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



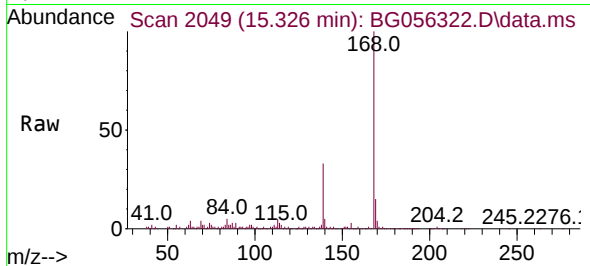
Tgt Ion:138 Resp: 17394
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 110.8 91.7 137.5





#55
Dibenzenofuran
Concen: 8.835 ng
RT: 15.326 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

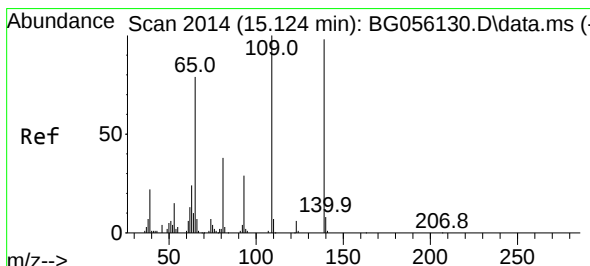
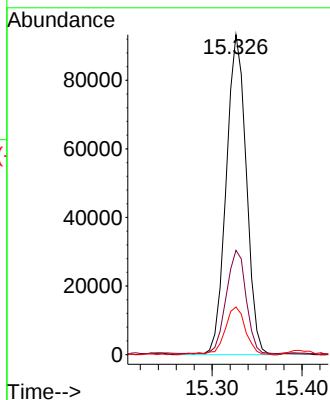
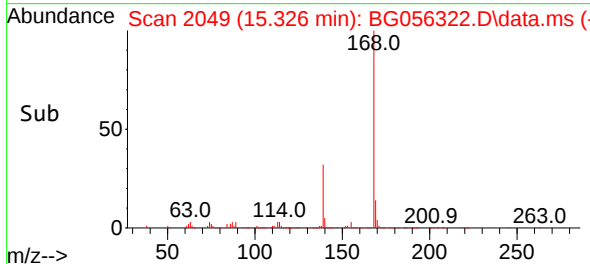
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:168 Resp: 145272
Ion Ratio Lower Upper
168 100
139 32.6 24.7 37.1
169 14.9 10.3 15.5

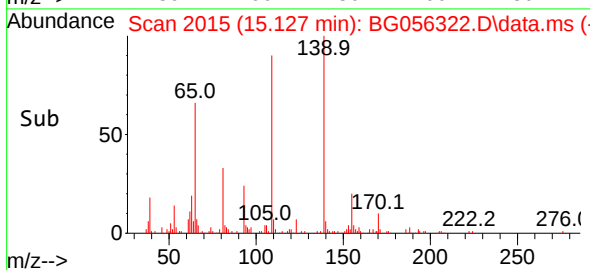
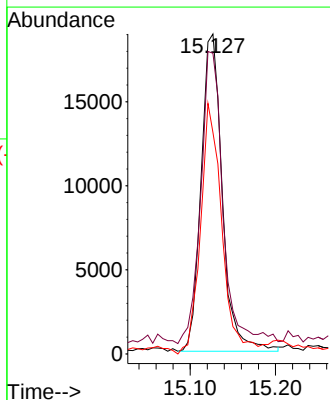
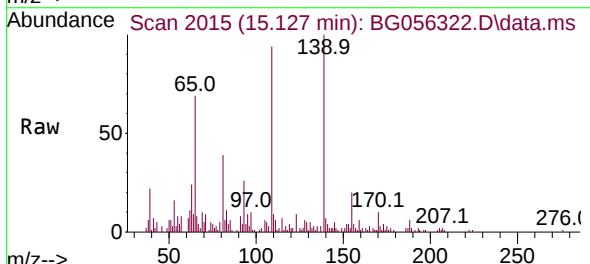
Manual Integrations
APPROVED

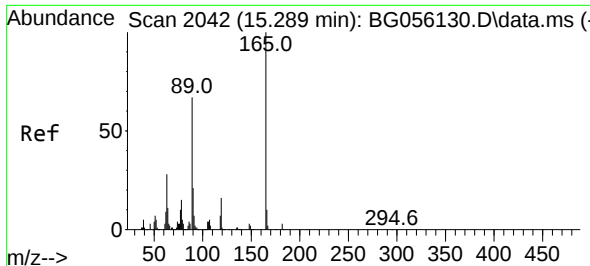
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 15.586 ng
RT: 15.127 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

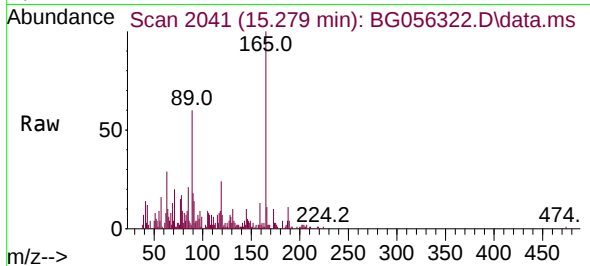
Tgt Ion:139 Resp: 32589
Ion Ratio Lower Upper
139 100
109 94.0 82.2 122.2
65 69.2 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 6.545 ng
RT: 15.279 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

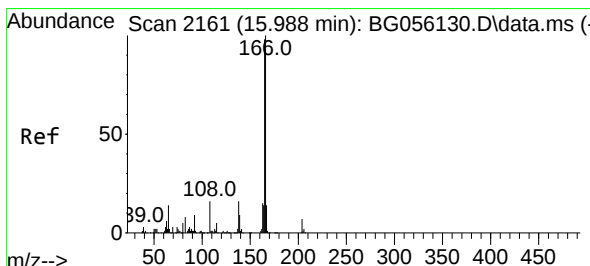
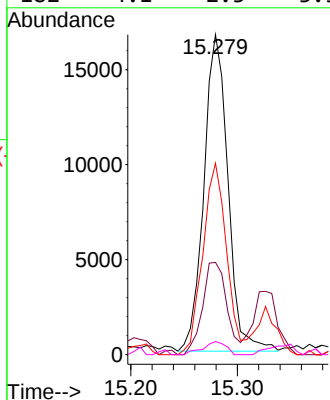
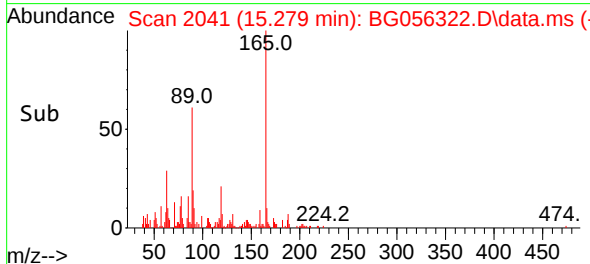
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:165 Resp: 26148
Ion Ratio Lower Upper
165 100
63 28.8 22.6 34.0
89 59.8 53.2 79.8
182 4.1 2.3 3.5#

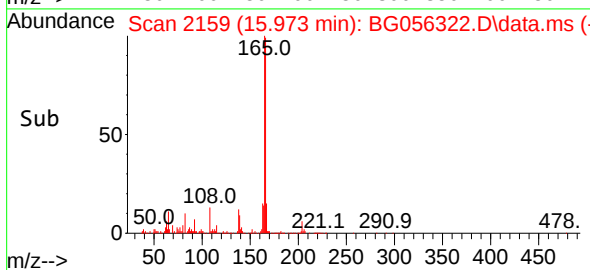
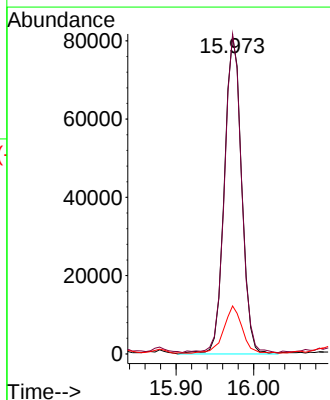
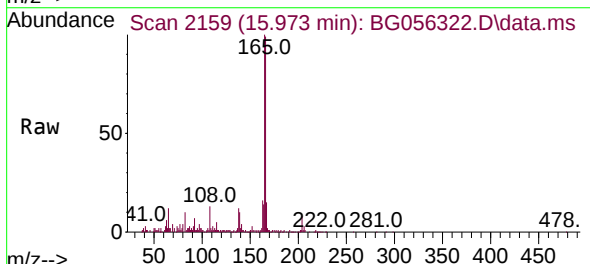
Manual Integrations
APPROVED

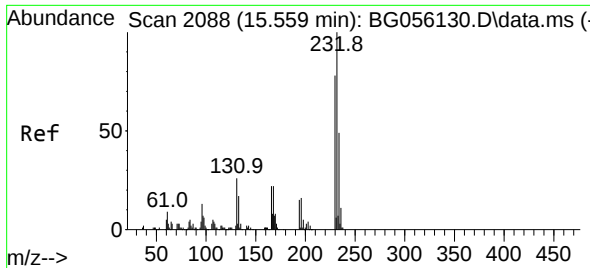
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#58
Fluorene
Concen: 9.510 ng
RT: 15.973 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

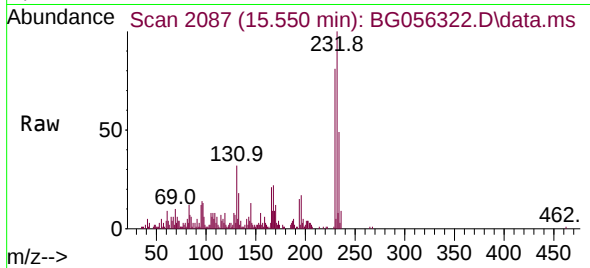
Tgt Ion:166 Resp: 125766
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 15.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.803 ng
RT: 15.550 min Scan# 2088
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

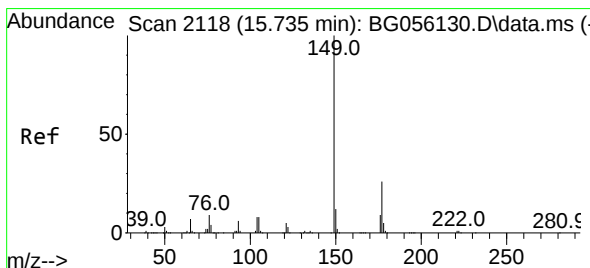
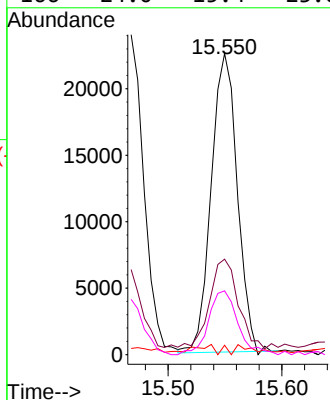
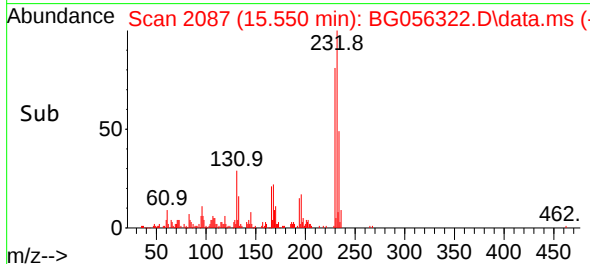
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:232 Resp: 35670
Ion Ratio Lower Upper
232 100
131 33.5 21.4 32.2
130 2.6 1.4 2.0
166 24.0 15.4 23.0

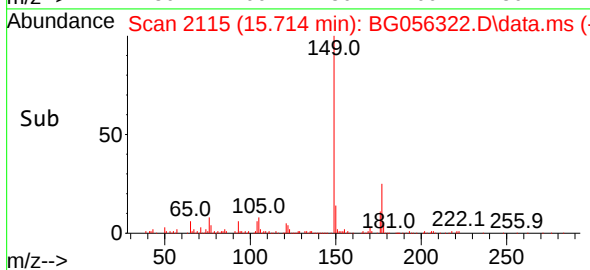
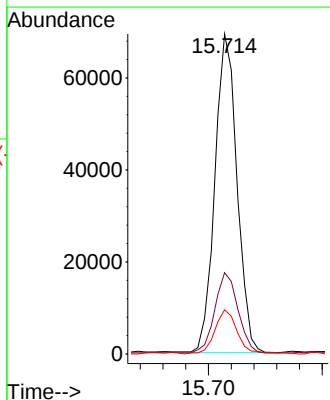
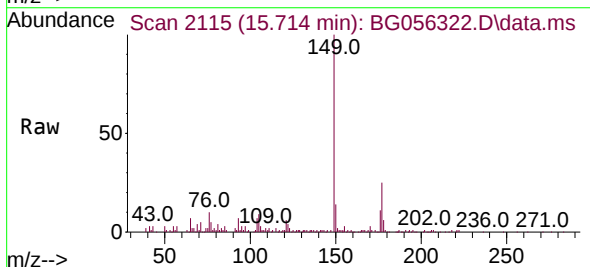
Manual Integrations
APPROVED

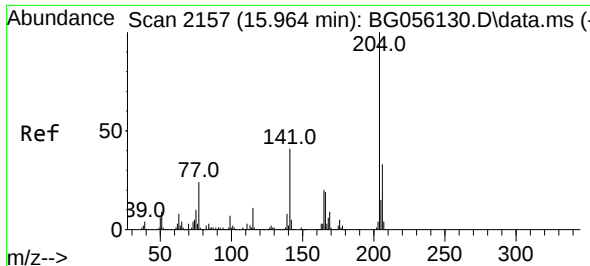
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#60
Diethylphthalate
Concen: 7.433 ng
RT: 15.714 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:149 Resp: 93448
Ion Ratio Lower Upper
149 100
177 25.4 20.6 31.0
150 13.8 9.9 14.9





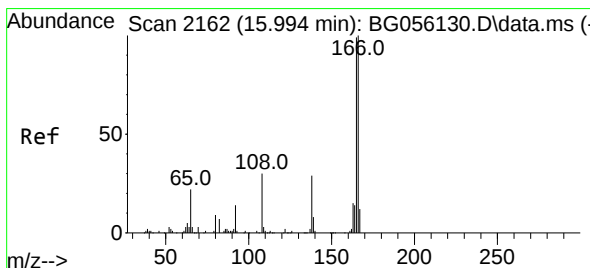
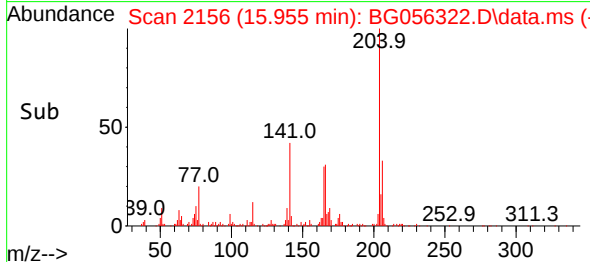
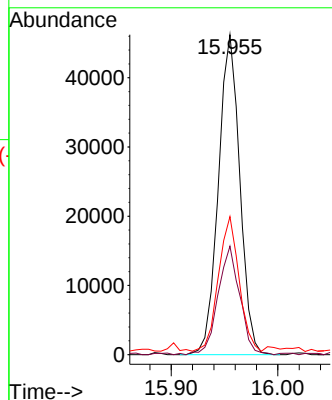
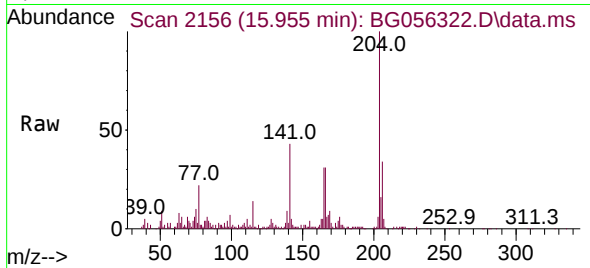
#61
4-Chlorophenyl-phenylether
Concen: 7.831 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Tgt Ion:204 Resp: 64630
Ion Ratio Lower Upper
204 100
206 33.9 26.4 39.6
141 43.1 33.0 49.4

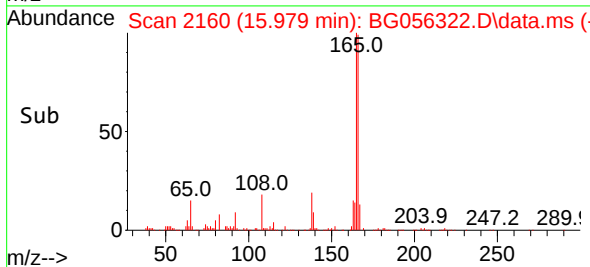
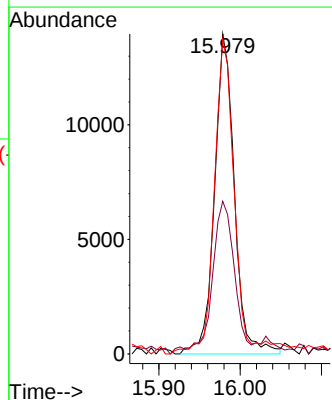
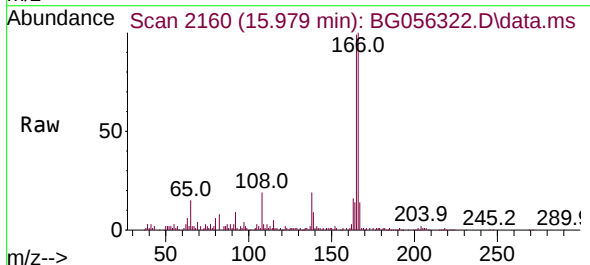
Manual Integrations
APPROVED

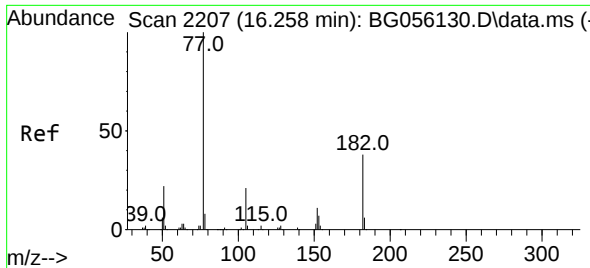
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#62
4-Nitroaniline
Concen: 8.517 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

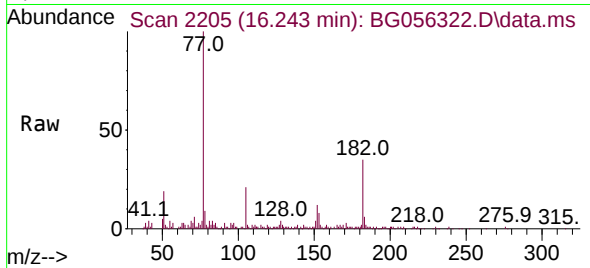
Tgt Ion:138 Resp: 23720
Ion Ratio Lower Upper
138 100
92 47.7 28.6 68.6
108 98.5 83.4 123.4





#63
Azobenzene
Concen: 7.844 ng
RT: 16.243 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

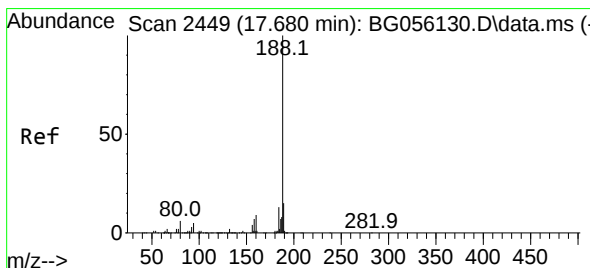
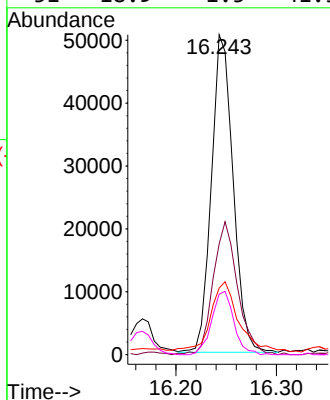
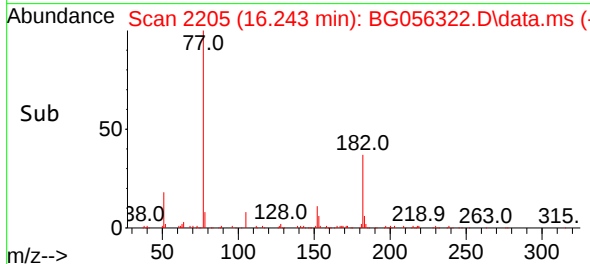
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion: 77 Resp: 76107
Ion Ratio Lower Upper
77 100
182 34.6 18.5 58.5
105 20.8 1.4 41.4
51 18.9 1.5 41.5

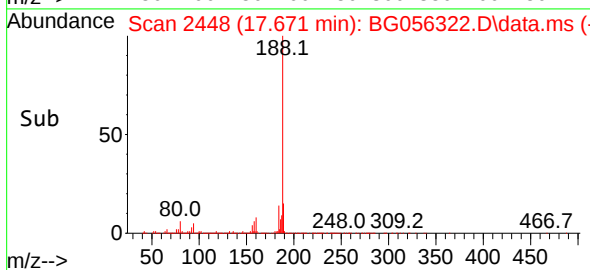
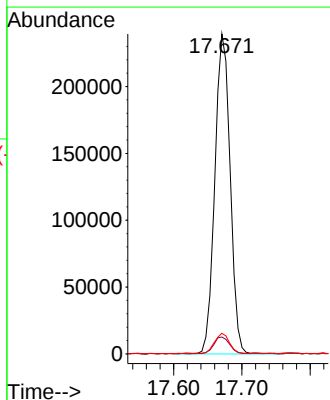
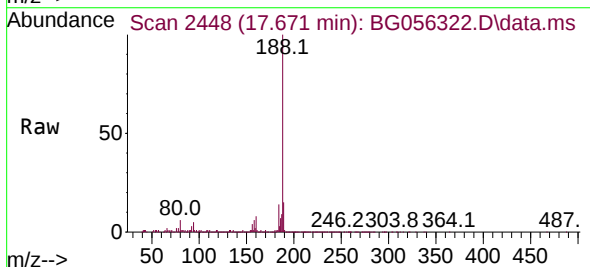
Manual Integrations
APPROVED

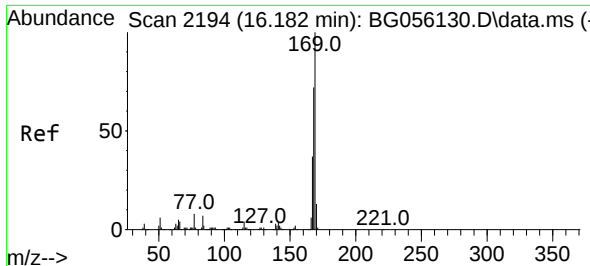
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

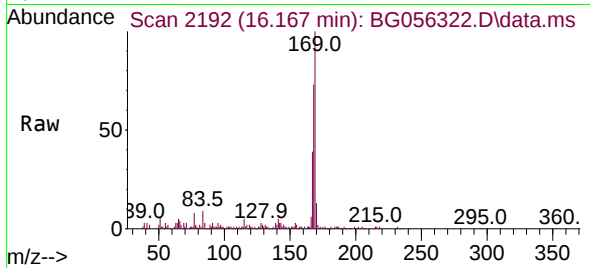
Tgt Ion:188 Resp: 371547
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.4 5.0 7.4





#66
n-Nitrosodiphenylamine
Concen: 9.537 ng
RT: 16.167 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

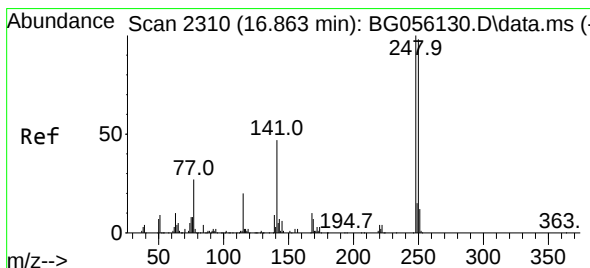
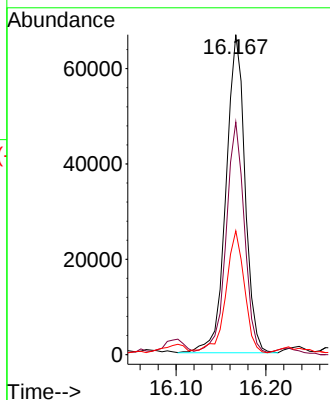
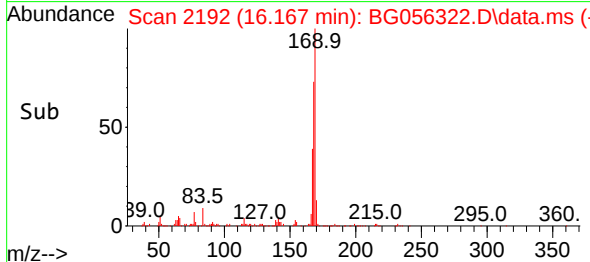
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:169 Resp: 98314
Ion Ratio Lower Upper
169 100
168 72.7 58.0 87.0
167 38.7 30.0 45.0

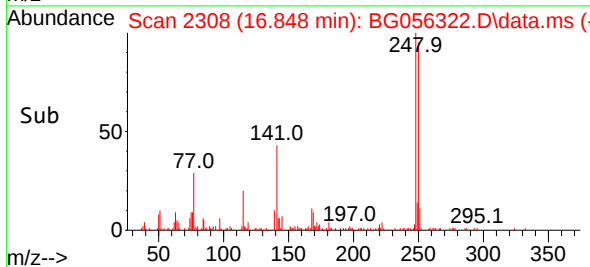
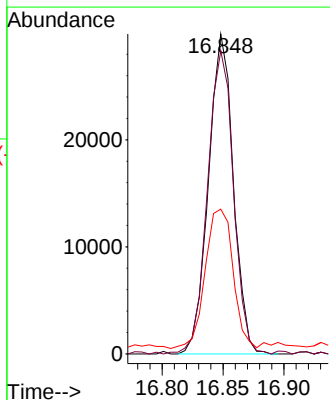
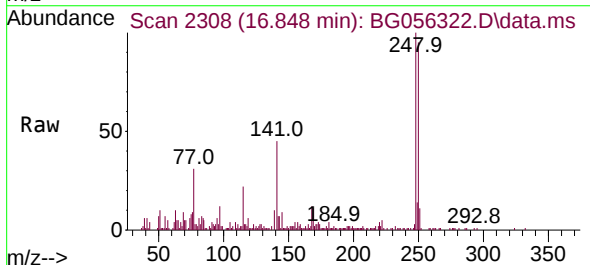
Manual Integrations
APPROVED

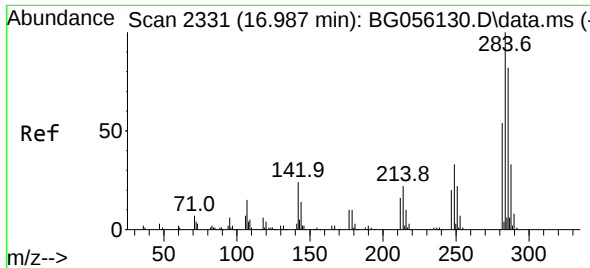
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#67
4-Bromophenyl-phenylether
Concen: 8.959 ng
RT: 16.848 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

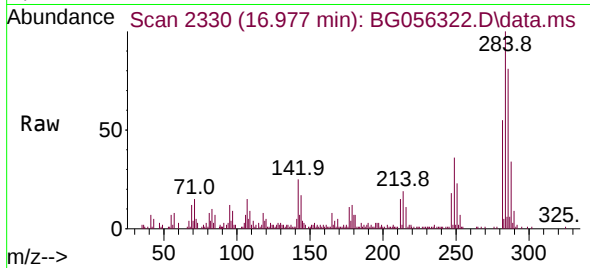
Tgt Ion:248 Resp: 42388
Ion Ratio Lower Upper
248 100
250 94.7 78.2 117.4
141 45.2 37.6 56.4





#68
Hexachlorobenzene
Concen: 9.362 ng
RT: 16.977 min Scan# 2331
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

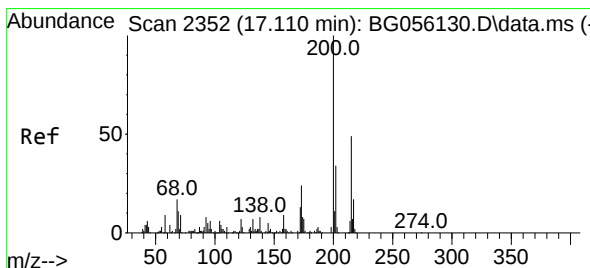
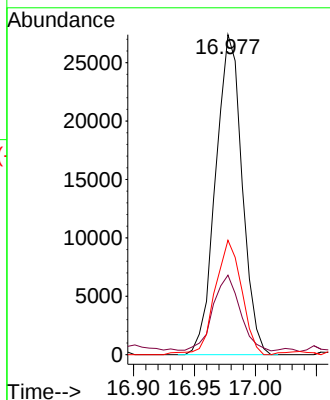
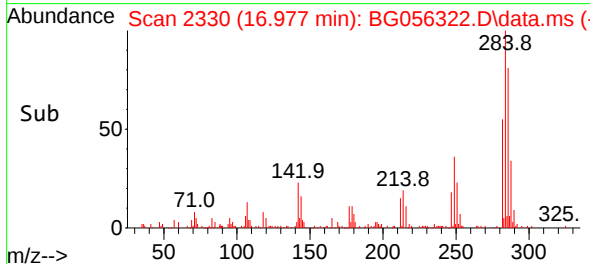
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



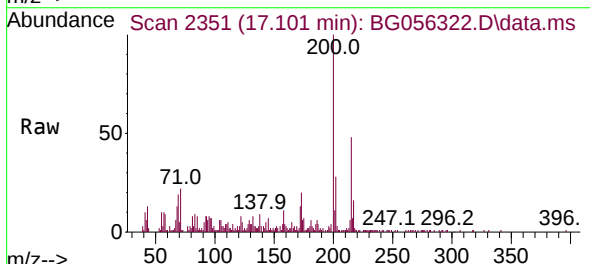
Tgt Ion:284 Resp: 41326
Ion Ratio Lower Upper
284 100
142 24.8 19.0 28.6
249 38.1 26.6 39.8

Manual Integrations
APPROVED

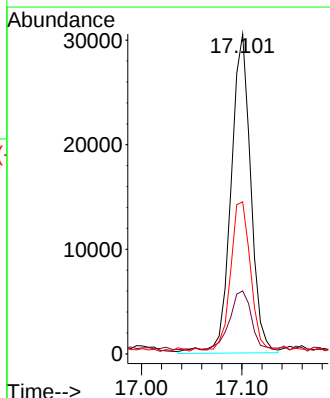
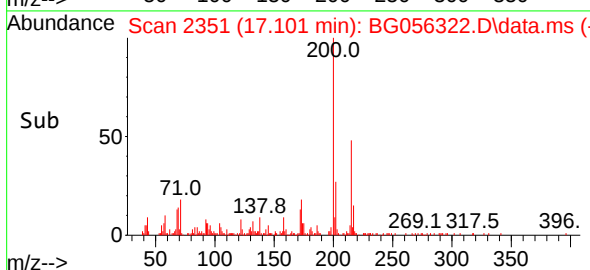
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

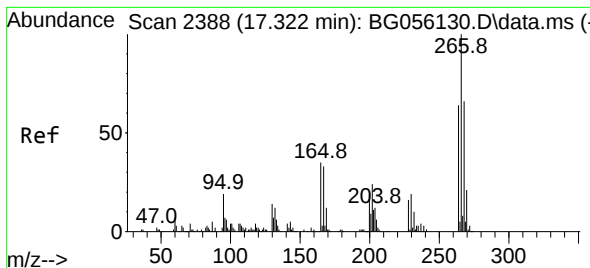


#69
Atrazine
Concen: 9.748 ng
RT: 17.101 min Scan# 2351
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51



Tgt Ion:200 Resp: 41646
Ion Ratio Lower Upper
200 100
173 19.7 4.0 44.0
215 47.5 29.1 69.1





#70

Pentachlorophenol

Concen: 14.688 ng

RT: 17.318 min Scan# 2388

Delta R.T. 0.012 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

Instrument :

BNA_G

ClientSampleId :

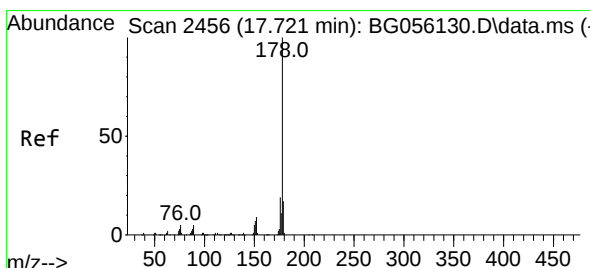
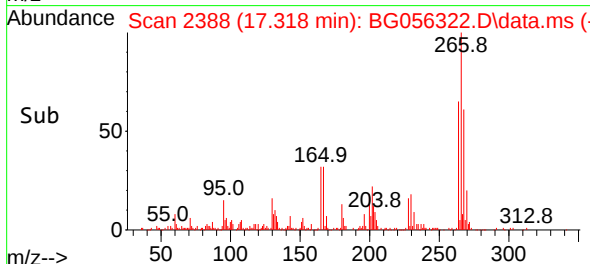
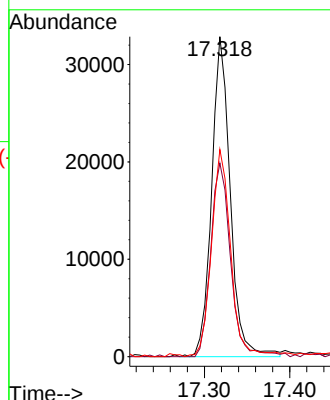
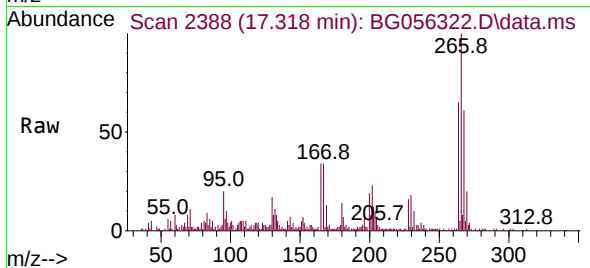
EO-3-011623MSD

Tgt Ion:	266	Resp:	49805
Ion Ratio	Lower	Upper	
266	100		
268	65.1	53.0	79.4
264	64.7	51.4	77.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#71

Phenanthrene

Concen: 19.056 ng

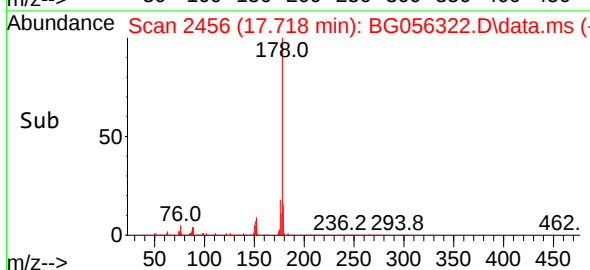
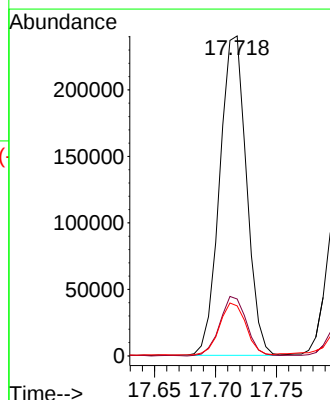
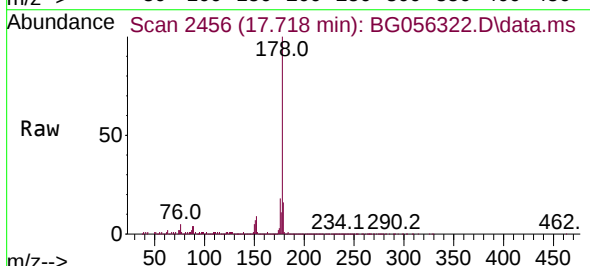
RT: 17.718 min Scan# 2456

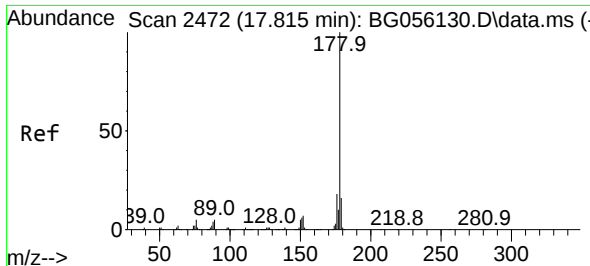
Delta R.T. 0.006 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

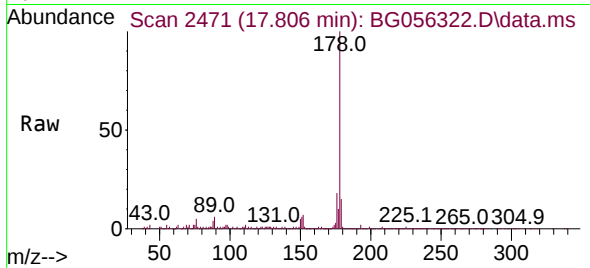
Tgt Ion:	178	Resp:	366922
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.4	23.0
179	15.6	13.6	20.4





#72
 Anthracene
 Concen: 11.346 ng
 RT: 17.806 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

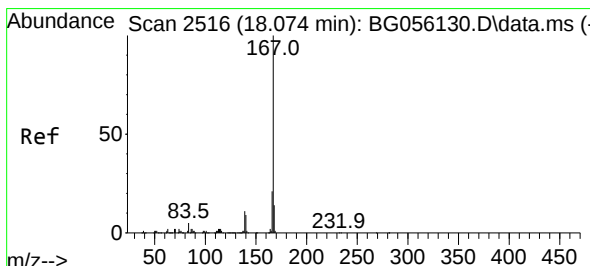
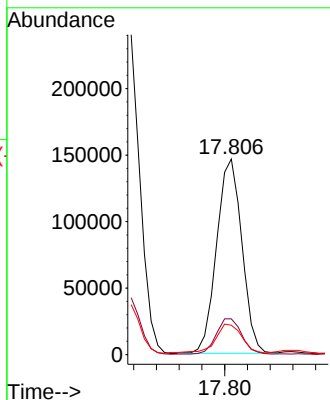
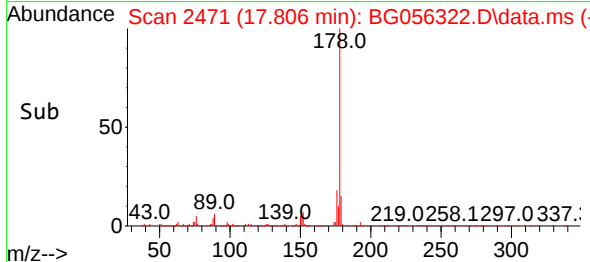
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-011623MSD



Tgt Ion:178 Resp: 225364
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.0 12.7 19.1

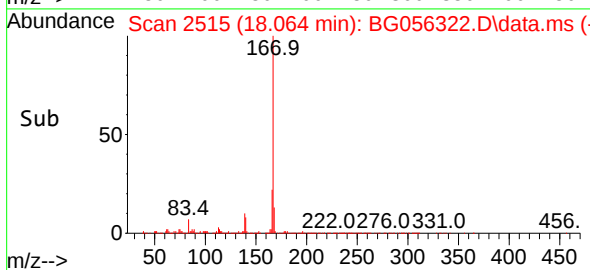
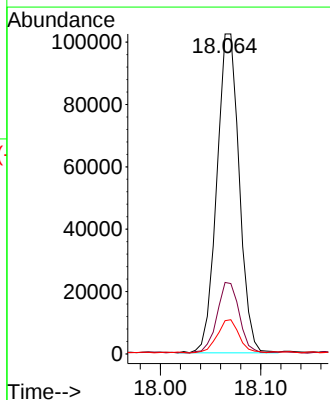
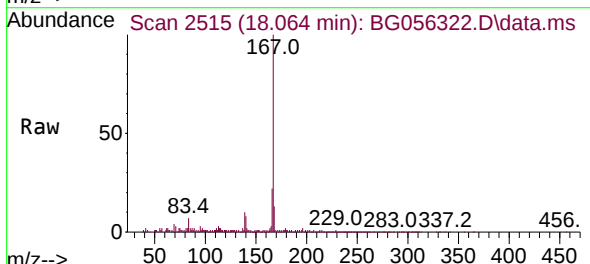
Manual Integrations
 APPROVED

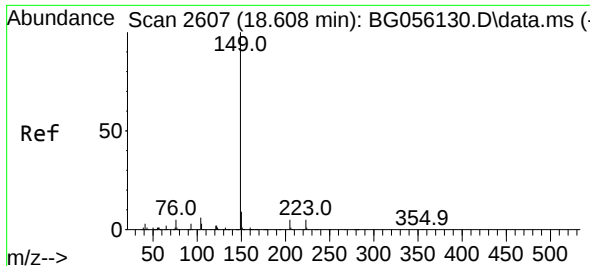
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#73
 Carbazole
 Concen: 9.516 ng
 RT: 18.064 min Scan# 2515
 Delta R.T. 0.000 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

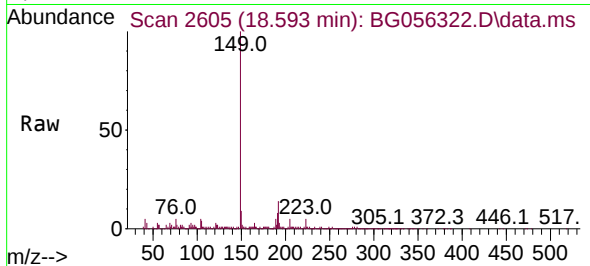
Tgt Ion:167 Resp: 158885
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 10.4 8.9 13.3





#74
Di-n-butylphthalate
Concen: 8.663 ng
RT: 18.593 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

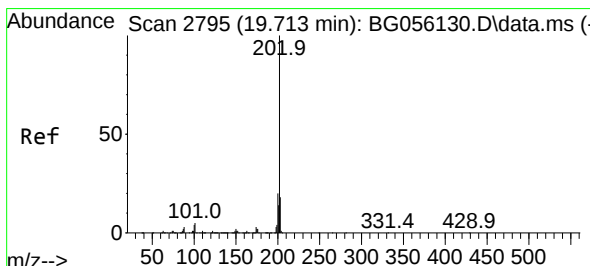
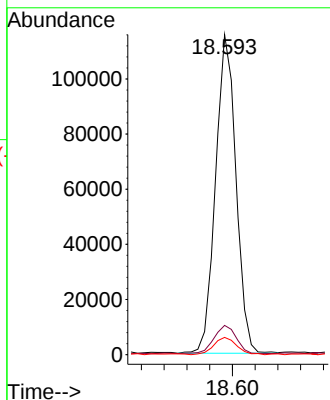
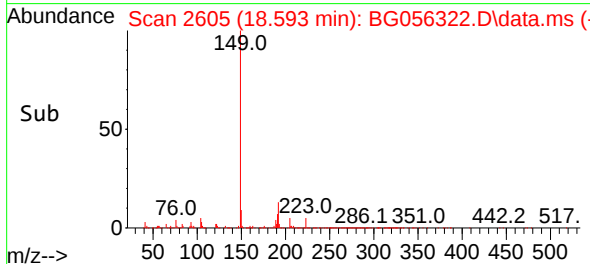
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:149 Resp: 144186
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 5.4 4.4 6.6

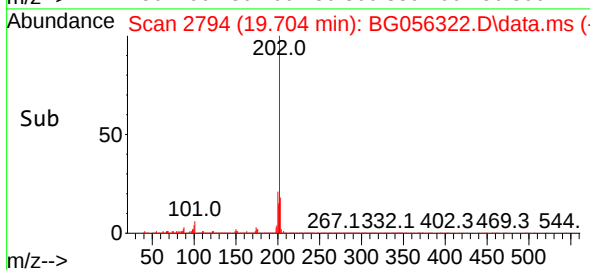
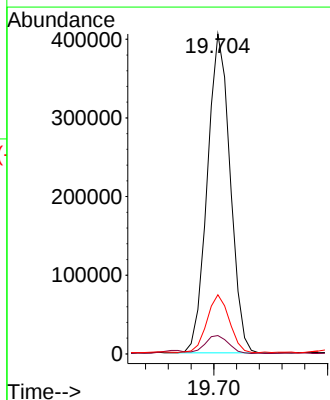
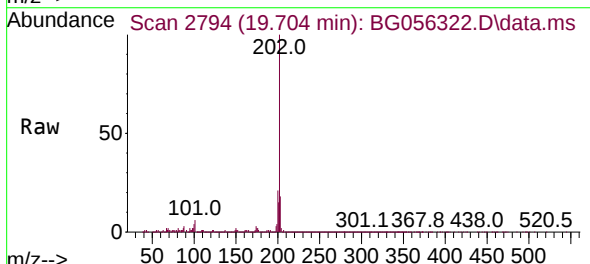
Manual Integrations
APPROVED

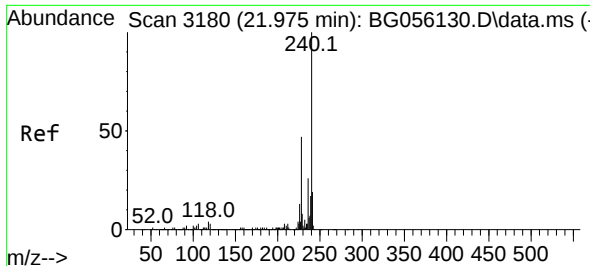
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#75
Fluoranthene
Concen: 22.498 ng
RT: 19.704 min Scan# 2794
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:202 Resp: 565070
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 18.5 0.0 38.0





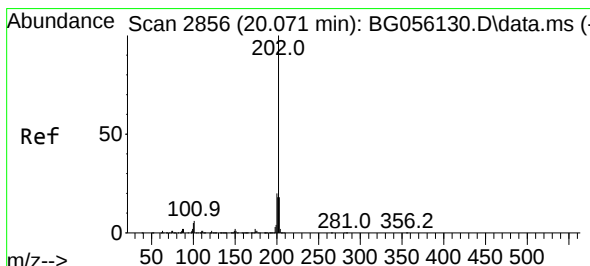
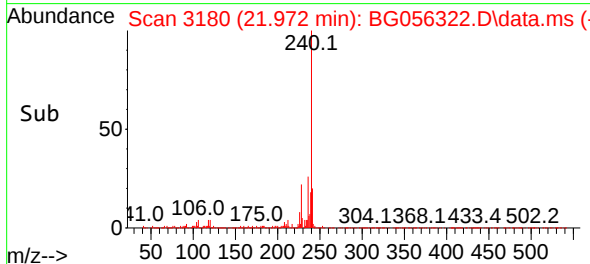
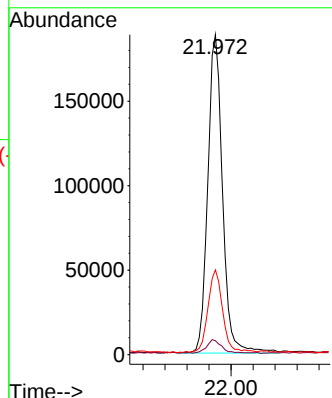
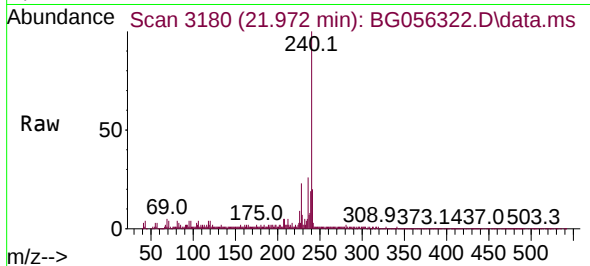
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Tgt Ion:240 Resp: 351637
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0
236 26.5 20.8 31.2

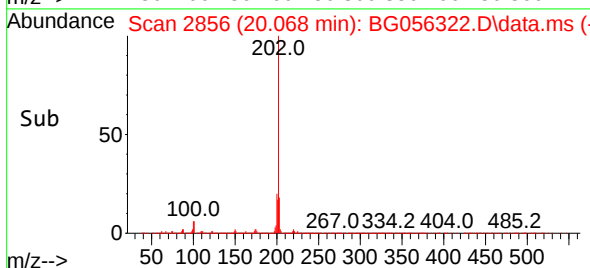
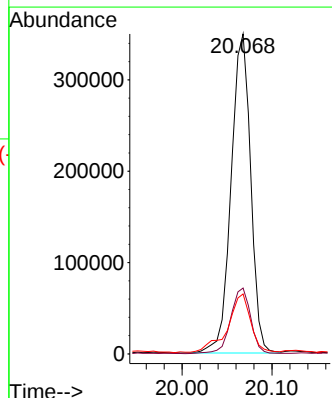
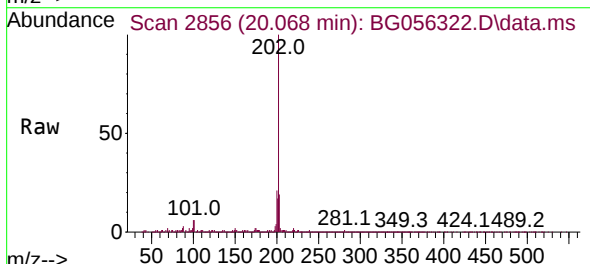
Manual Integrations
APPROVED

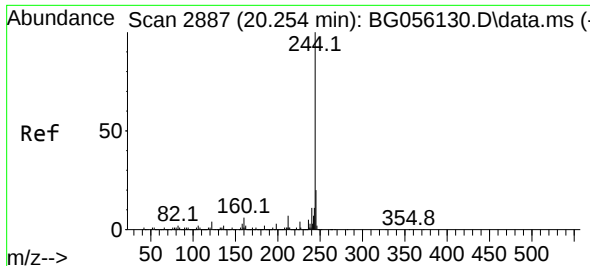
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#78
Pyrene
Concen: 21.383 ng
RT: 20.068 min Scan# 2856
Delta R.T. 0.012 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

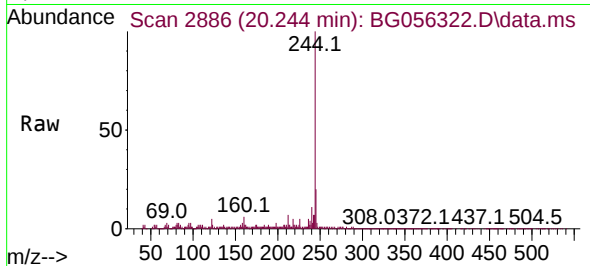
Tgt Ion:202 Resp: 529981
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 12.463 ng
 RT: 20.244 min Scan# 2887
 Delta R.T. 0.006 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

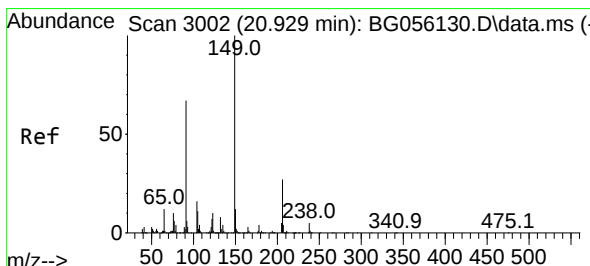
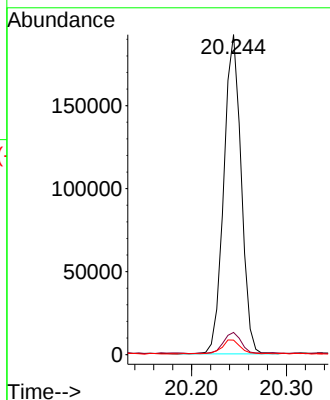
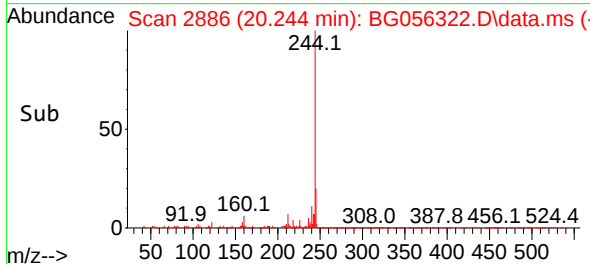
Instrument :
 BNA_G
 ClientSampleId :
 EO-3-011623MSD



Tgt Ion:244 Resp: 244692
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.5 3.5 5.3

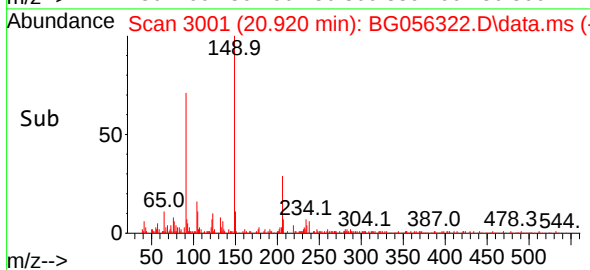
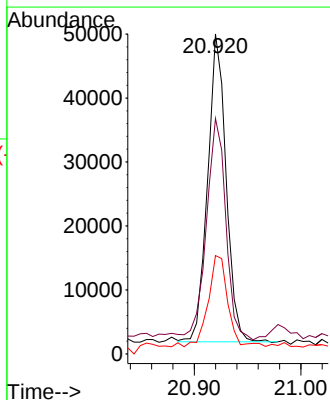
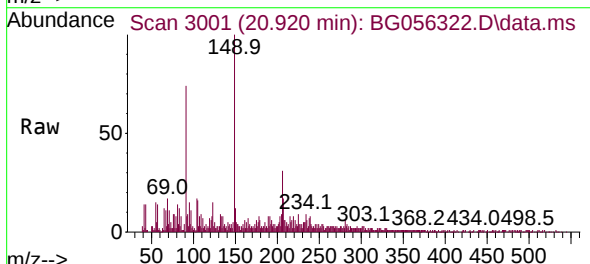
Manual Integrations
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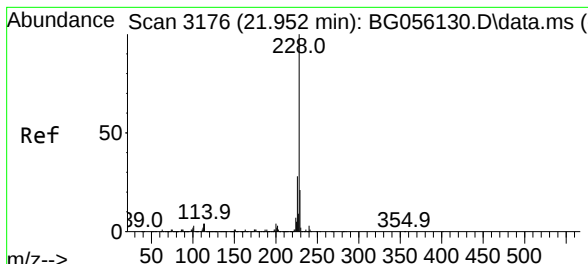
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#80
 Butylbenzylphthalate
 Concen: 8.151 ng
 RT: 20.920 min Scan# 3001
 Delta R.T. 0.000 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

Tgt Ion:149 Resp: 57955
 Ion Ratio Lower Upper
 149 100
 91 73.6 53.5 80.3
 206 30.7 21.9 32.9





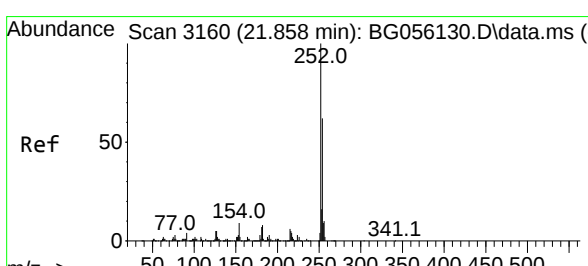
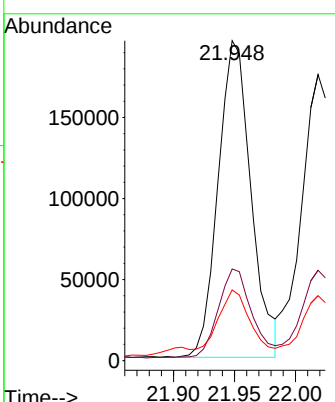
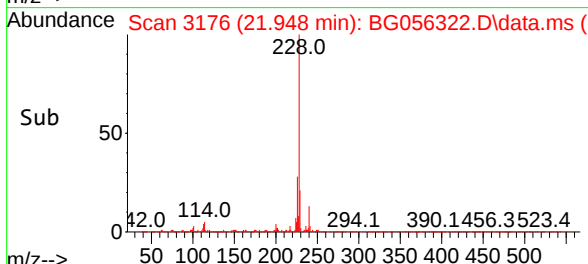
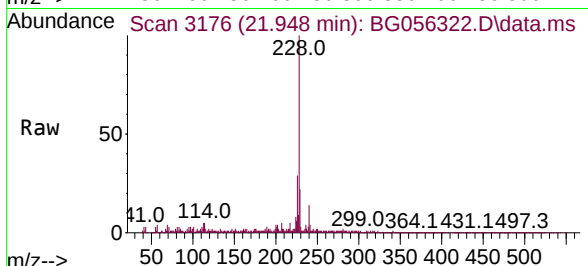
#81
 Benzo(a)anthracene
 Concen: 14.850 ng
 RT: 21.948 min Scan# 3176
 Delta R.T. 0.006 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

Instrument : BNA_G
 ClientSampleId : EO-3-011623MSD

Tgt Ion: 228 Resp: 366756

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	22.1	16.9	25.3

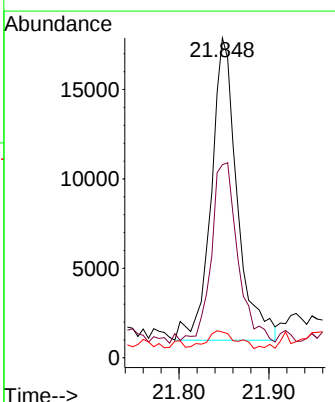
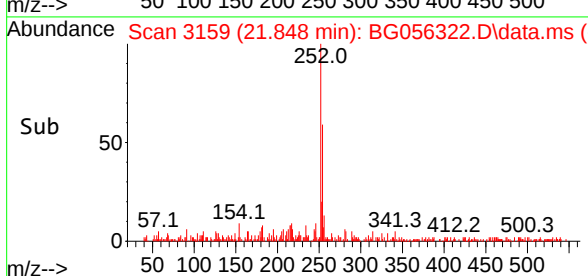
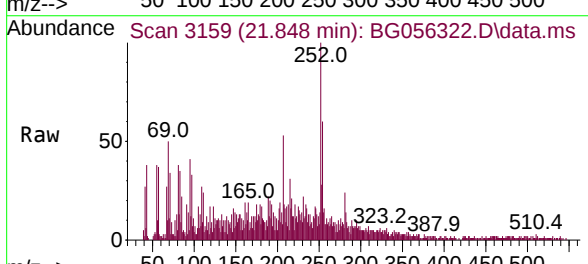
Manual Integrations
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 Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

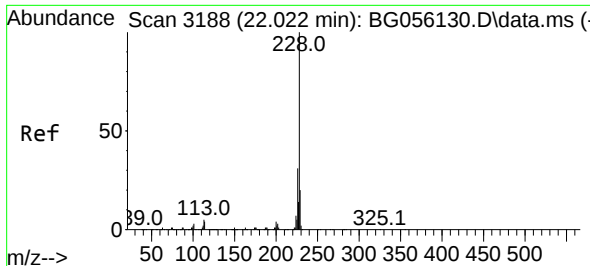


#82
 3,3'-Dichlorobenzidine
 Concen: 3.831 ng
 RT: 21.848 min Scan# 3159
 Delta R.T. 0.006 min
 Lab File: BG056322.D
 Acq: 17 Jan 2023 20:51

Tgt Ion: 252 Resp: 34064

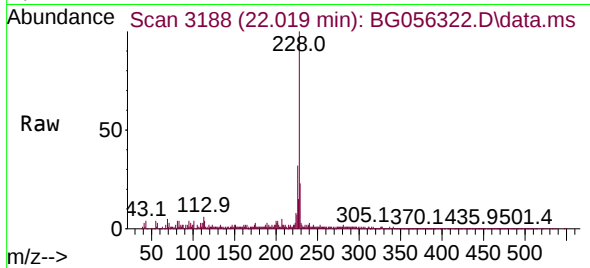
Ion	Ratio	Lower	Upper
252	100		
254	60.4	49.5	74.3
126	8.1	4.0	6.0





#83
Chrysene
Concen: 15.037 ng
RT: 22.019 min Scan# 3188
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

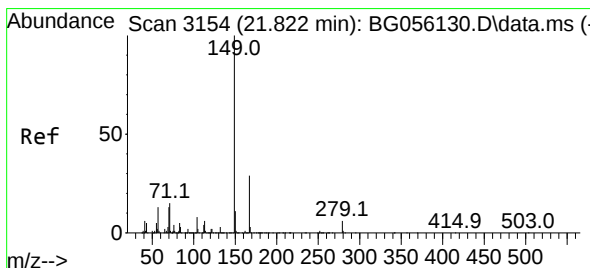
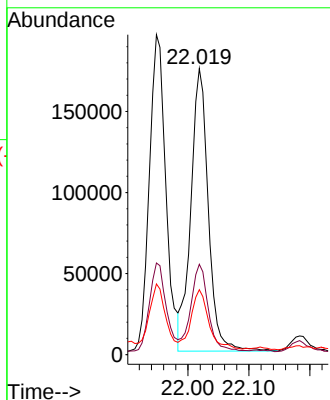
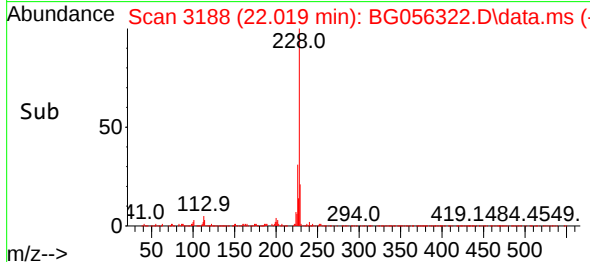
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:228 Resp: 347878
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 22.7 15.8 23.6

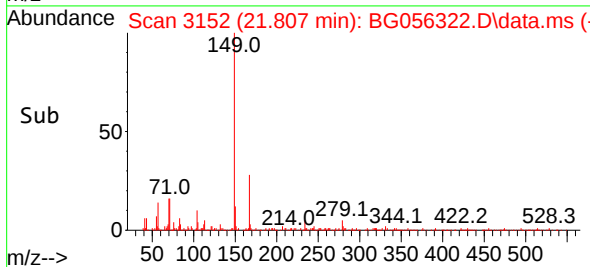
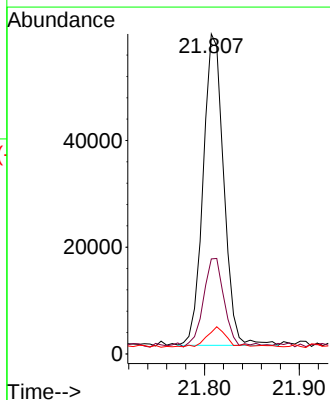
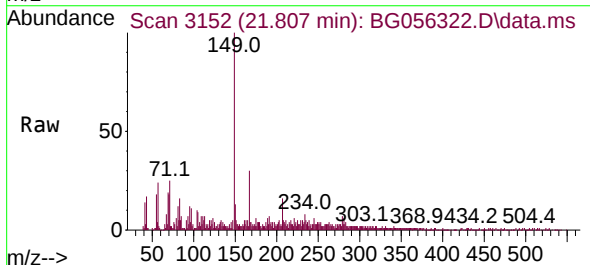
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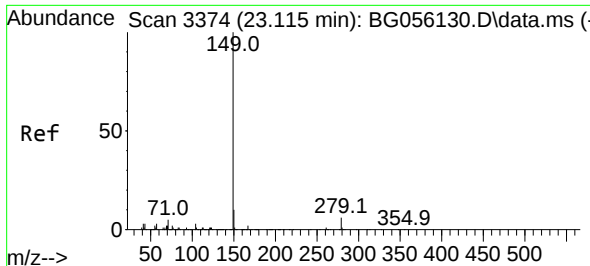
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.601 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

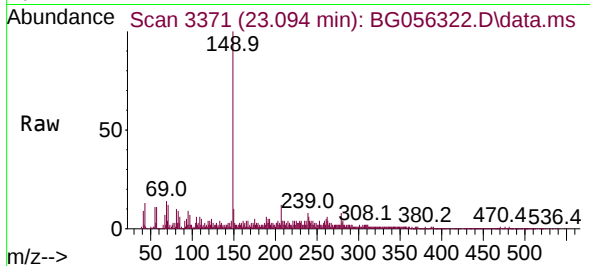
Tgt Ion:149 Resp: 88112
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.2
279 6.7 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 8.393 ng
RT: 23.094 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

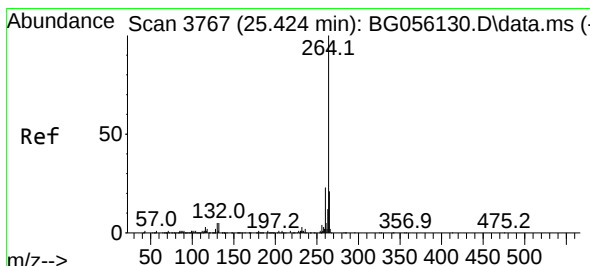
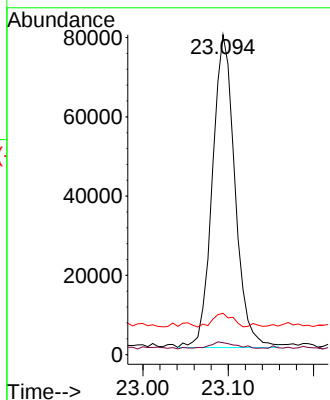
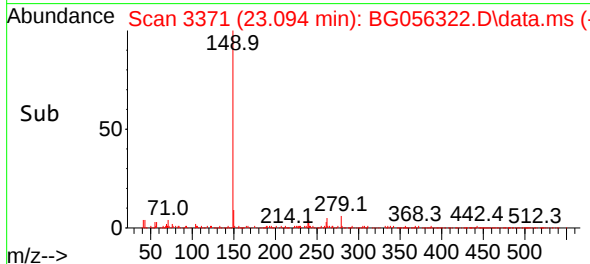
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:149 Resp: 145143
Ion Ratio Lower Upper
149 100
167 2.8 1.4 2.2
43 3.7 2.9 4.3

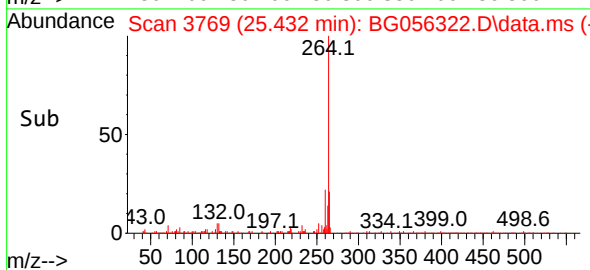
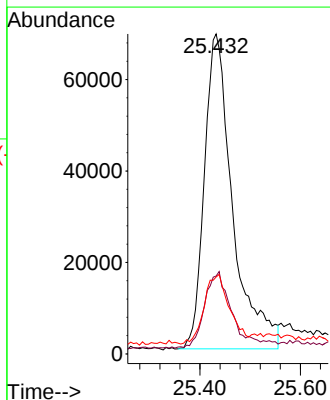
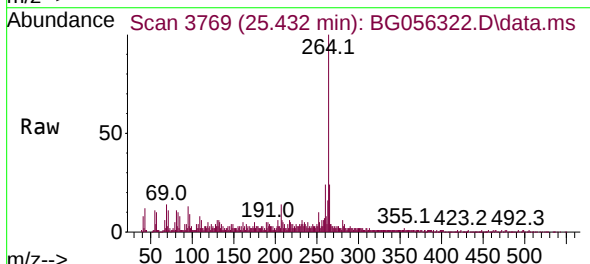
Manual Integrations
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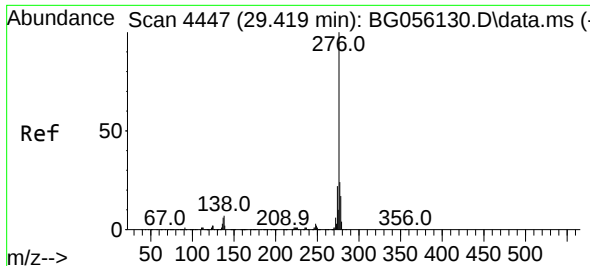
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.432 min Scan# 3769
Delta R.T. 0.030 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:264 Resp: 270072
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 24.0 16.7 25.1





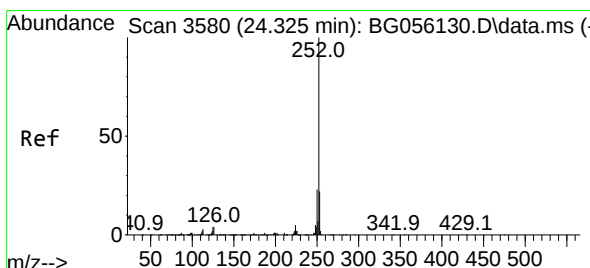
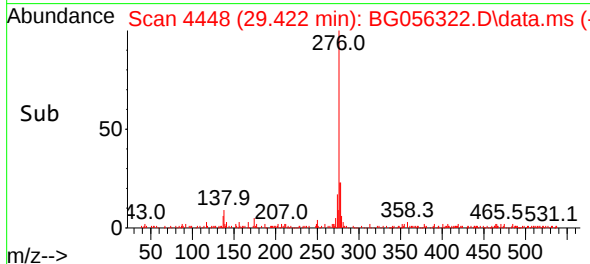
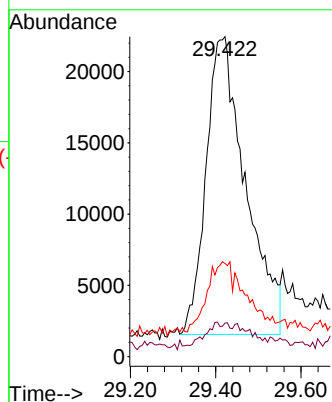
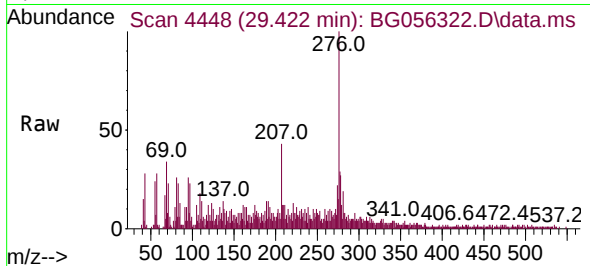
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.871 ng
RT: 29.422 min Scan# 4447
Delta R.T. 0.059 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD

Tgt Ion:276 Resp: 134952
Ion Ratio Lower Upper
276 100
138 2.8 5.0 7.4#
277 23.1 20.5 30.7

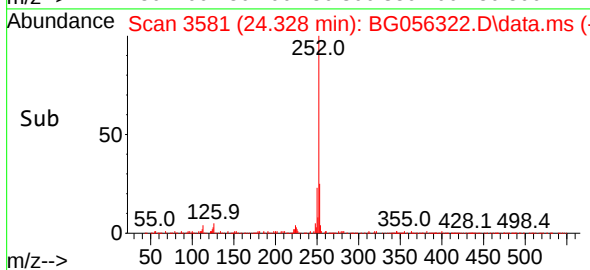
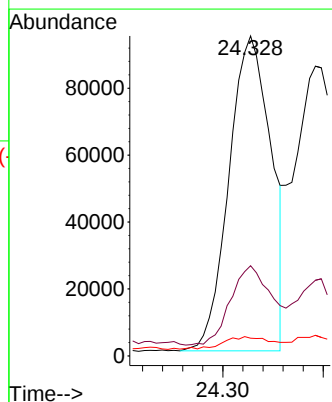
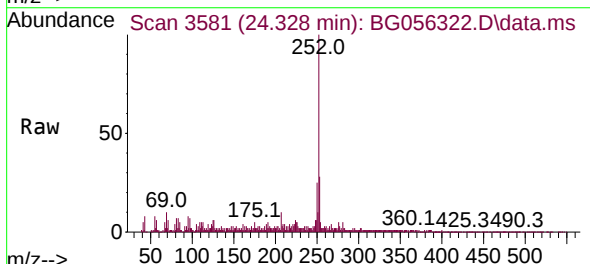
Manual Integrations
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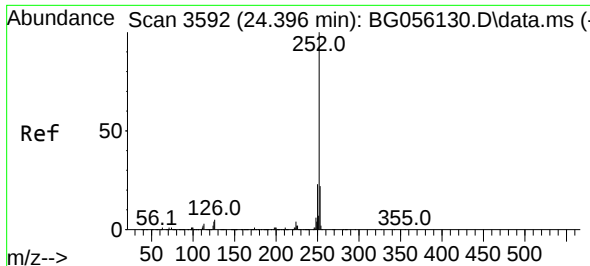
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#88
Benzo(b)fluoranthene
Concen: 15.973 ng
RT: 24.328 min Scan# 3581
Delta R.T. 0.030 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

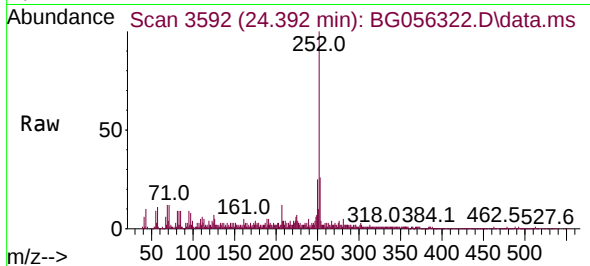
Tgt Ion:252 Resp: 274085
Ion Ratio Lower Upper
252 100
253 28.2 17.4 26.2#
125 5.5 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 17.106 ng m
RT: 24.392 min Scan# 3592
Delta R.T. 0.018 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

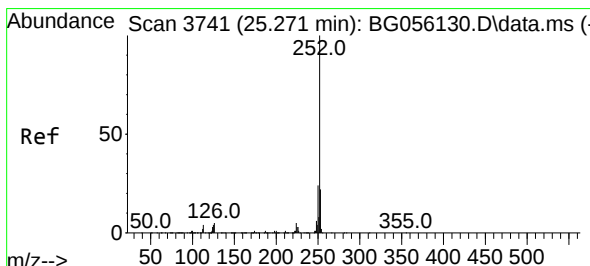
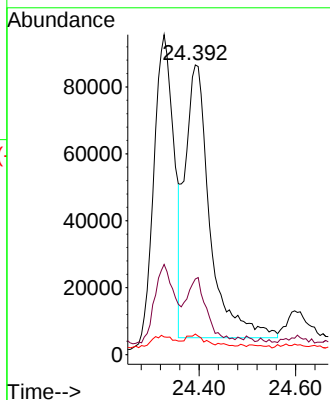
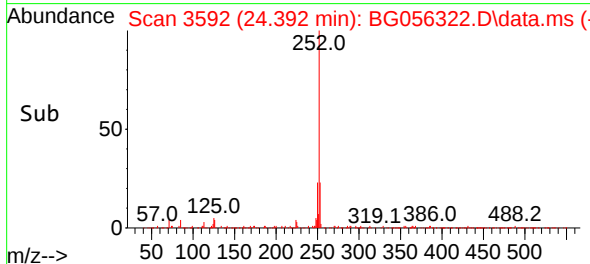
Instrument :
BNA_G
ClientSampleId :
EO-3-011623MSD



Tgt Ion:252 Resp: 292292
Ion Ratio Lower Upper
252 100
253 26.1 17.5 26.3
125 7.1 3.4 5.0

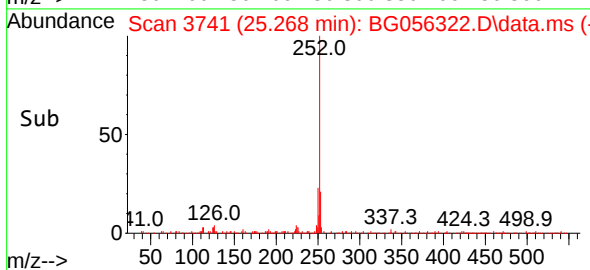
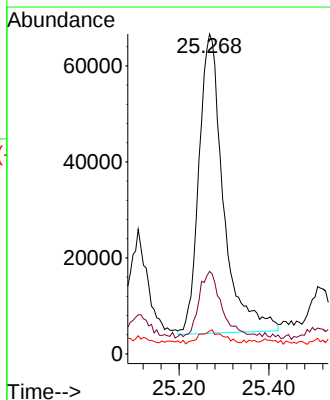
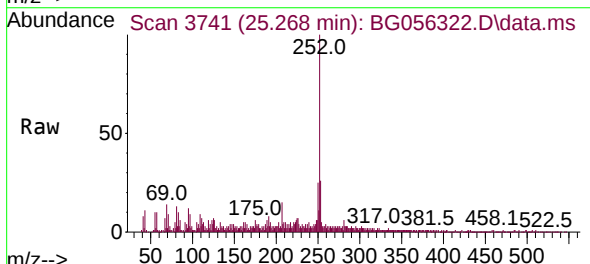
Manual Integrations
APPROVED

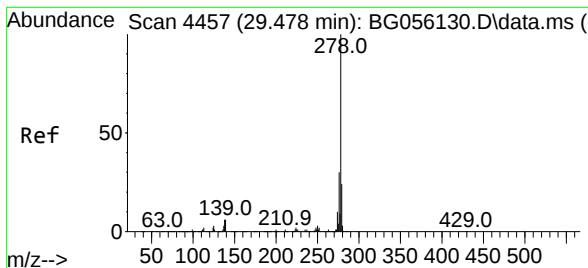
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#90
Benzo(a)pyrene
Concen: 14.102 ng
RT: 25.268 min Scan# 3741
Delta R.T. 0.024 min
Lab File: BG056322.D
Acq: 17 Jan 2023 20:51

Tgt Ion:252 Resp: 236021
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.2
125 7.2 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 5.466 ng

RT: 29.469 min Scan# 4457

Delta R.T. 0.035 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

Instrument :

BNA_G

ClientSampleId :

EO-3-011623MSD

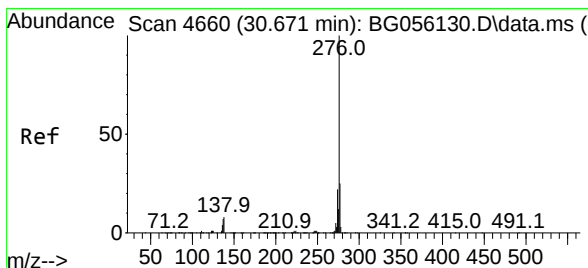
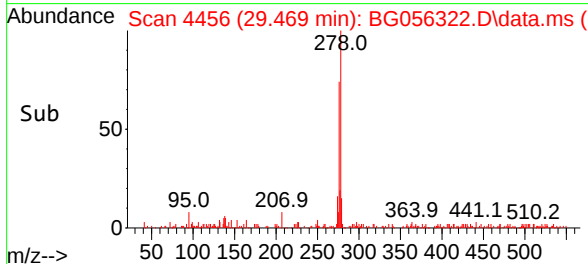
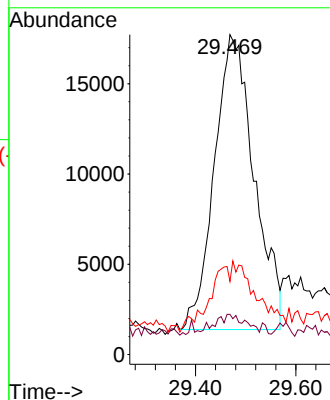
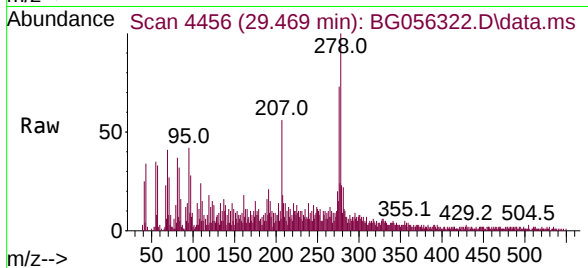
Tgt Ion:	278	Resp:	90010
Ion Ratio	Lower	Upper	
278	100		
139	16.0	4.8	7.2
279	22.9	19.0	28.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#92

Benzo(g,h,i)perylene

Concen: 6.030 ng

RT: 30.655 min Scan# 4658

Delta R.T. 0.041 min

Lab File: BG056322.D

Acq: 17 Jan 2023 20:51

Tgt Ion:	276	Resp:	96298
Ion Ratio	Lower	Upper	
276	100		
277	28.6	19.7	29.5
138	7.2	6.7	10.1

