

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054900.D
 Acq On : 9 Sep 2022 17:00
 Operator : CG/JU
 Sample : N4528-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-10MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 01:59:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	33719	20.000	ng	0.00
21) Naphthalene-d8	10.970	136	142424	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	104987	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	251278	20.000	ng	0.00
76) Chrysene-d12	21.828	240	241576	20.000	ng	0.00
86) Perylene-d12	25.206	264	257844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	260122	134.336	ng	0.00
7) Phenol-d6	7.304	99	335639	126.746	ng	0.00
23) Nitrobenzene-d5	9.319	82	225916	83.271	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	201245	153.402	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	592522	84.827	ng	0.00
79) Terphenyl-d14	20.130	244	1122202	92.042	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	32177	34.800	ng	# 73
3) Pyridine	3.943	79	77336	29.987	ng	92
4) n-Nitrosodimethylamine	3.849	42	40369	36.210	ng	93
6) Aniline	7.463	93	100065	31.804	ng	96
8) 2-Chlorophenol	7.709	128	107305	50.721	ng	96
9) Benzaldehyde	7.275	77	47249m	27.223	ng	
10) Phenol	7.333	94	119377	43.835	ng	94
11) bis(2-Chloroethyl)ether	7.557	93	97286	44.418	ng	97
12) 1,3-Dichlorobenzene	8.033	146	104669	42.753	ng	98
13) 1,4-Dichlorobenzene	8.179	146	106740	43.224	ng	98
14) 1,2-Dichlorobenzene	8.503	146	105494	45.052	ng	98
15) Benzyl Alcohol	8.385	79	93553m	48.901	ng	
16) 2,2'-oxybis(1-Chloropr...	8.667	45	129680	37.839	ng	95
17) 2-Methylphenol	8.591	107	94099	50.186	ng	96
18) Hexachloroethane	9.237	117	36833	41.132	ng	93
19) n-Nitroso-di-n-propyla...	8.949	70	83795	46.015	ng	94
20) 3+4-Methylphenols	8.920	107	129243	49.708	ng	96
22) Acetophenone	8.973	105	165797	46.531	ng	# 95
24) Nitrobenzene	9.366	77	116642	42.655	ng	94
25) Isophorone	9.883	82	245052	48.442	ng	98
26) 2-Nitrophenol	10.077	139	62462	51.710	ng	99
27) 2,4-Dimethylphenol	10.130	122	109749	57.345	ng	98
28) bis(2-Chloroethoxy)met...	10.359	93	143016	49.615	ng	99
29) 2,4-Dichlorophenol	10.618	162	114895	52.781	ng	96
30) 1,2,4-Trichlorobenzene	10.829	180	108710	43.700	ng	98
31) Naphthalene	11.023	128	332863	43.561	ng	100
32) Benzoic acid	10.377	122	10902m	14.485	ng	
33) 4-Chloroaniline	11.135	127	36233	11.631	ng	96
34) Hexachlorobutadiene	11.293	225	71053	44.579	ng	95
35) Caprolactam	11.910	113	36213m	47.153	ng	
36) 4-Chloro-3-methylphenol	12.251	107	124893	52.466	ng	99
37) 2-Methylnaphthalene	12.621	142	246382	46.004	ng	100
38) 1-Methylnaphthalene	12.839	142	238625	45.795	ng	99
40) 1,2,4,5-Tetrachloroben...	12.980	216	142909	45.156	ng	99
41) Hexachlorocyclopentadiene	12.956	237	94596	56.362	ng	99
43) 2,4,6-Trichlorophenol	13.221	196	96501	45.939	ng	99

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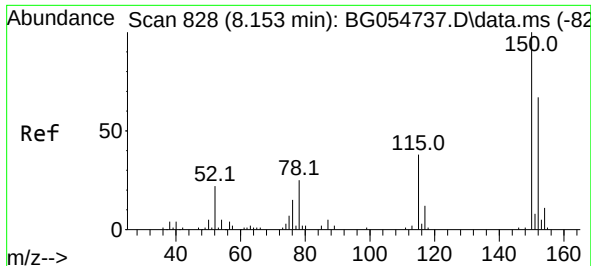
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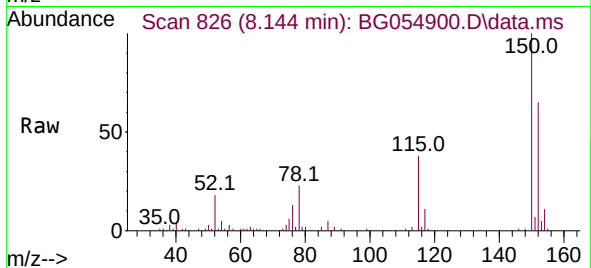
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.303	196	106885	45.308	ng	98
46) 1,1'-Biphenyl	13.620	154	348891	44.750	ng	99
47) 2-Chloronaphthalene	13.667	162	259012	43.745	ng	98
48) 2-Nitroaniline	13.873	65	80406	43.331	ng	88
49) Acenaphthylene	14.507	152	440622	45.096	ng	99
50) Dimethylphthalate	14.231	163	381689	47.190	ng	99
51) 2,6-Dinitrotoluene	14.355	165	82726	50.004	ng	# 84
52) Acenaphthene	14.848	154	277000m	44.135	ng	
53) 3-Nitroaniline	14.689	138	50035	27.017	ng	92
54) 2,4-Dinitrophenol	14.901	184	27148	33.342	ng	98
55) Dibenzofuran	15.183	168	426137	46.206	ng	98
56) 4-Nitrophenol	15.007	139	110946	77.412	ng	92
57) 2,4-Dinitrotoluene	15.142	165	118102	51.611	ng	# 83
58) Fluorene	15.829	166	360127	46.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.406	232	92161	43.338	ng	96
60) Diethylphthalate	15.582	149	383273	47.454	ng	97
61) 4-Chlorophenyl-phenyle...	15.812	204	188206	49.105	ng	97
62) 4-Nitroaniline	15.853	138	81932	43.331	ng	97
63) Azobenzene	16.105	77	319107	41.573	ng	94
65) 4,6-Dinitro-2-methylph...	15.912	198	35785	27.977	ng	93
66) n-Nitrosodiphenylamine	16.029	169	326802	45.098	ng	99
67) 4-Bromophenyl-phenylether	16.711	248	134899	48.897	ng	96
68) Hexachlorobenzene	16.828	284	149845	48.316	ng	96
69) Atrazine	16.975	200	125700	49.170	ng	98
70) Pentachlorophenol	17.181	266	92676	54.998	ng	98
71) Phenanthrene	17.574	178	595314	44.474	ng	100
72) Anthracene	17.662	178	607293	46.664	ng	99
73) Carbazole	17.933	167	561207	46.805	ng	99
74) Di-n-butylphthalate	18.467	149	680986	44.882	ng	99
75) Fluoranthene	19.578	202	740147	45.453	ng	99
77) Benzidine	19.754	184	94357	15.769	ng	99
78) Pyrene	19.942	202	750295	44.541	ng	99
80) Butylbenzylphthalate	20.806	149	301034	42.844	ng	96
81) Benzo(a)anthracene	21.805	228	728298	44.464	ng	99
82) 3,3'-Dichlorobenzidine	21.711	252	151717	26.419	ng	98
83) Chrysene	21.875	228	681820	43.536	ng	100
84) Bis(2-ethylhexyl)phtha...	21.681	149	444514	43.911	ng	98
85) Di-n-octyl phthalate	22.939	149	747534	43.544	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.108	276	886175	45.272	ng	98
88) Benzo(b)fluoranthene	24.125	252	774189	47.864	ng	98
89) Benzo(k)fluoranthene	24.196	252	754285	46.337	ng	98
90) Benzo(a)pyrene	25.048	252	680008	49.208	ng	98
91) Dibenzo(a,h)anthracene	29.172	278	769499	48.253	ng	99
92) Benzo(g,h,i)perylene	30.336	276	763414	47.386	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.144 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

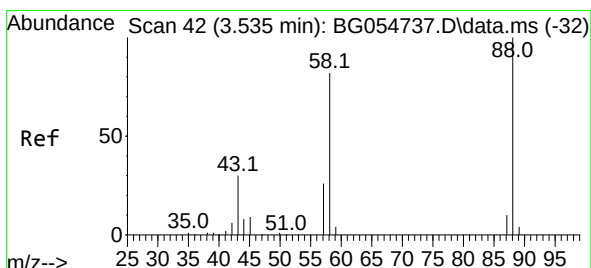
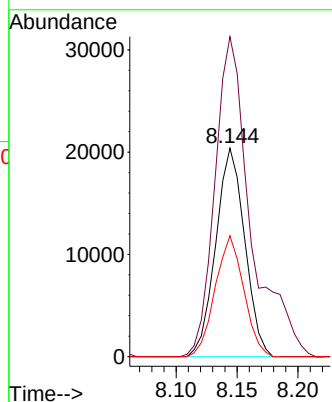
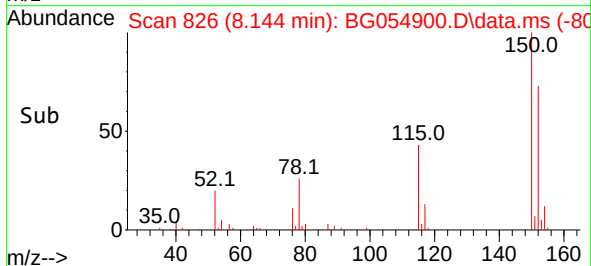
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:152 Resp: 33719
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 58.0 47.9 71.9

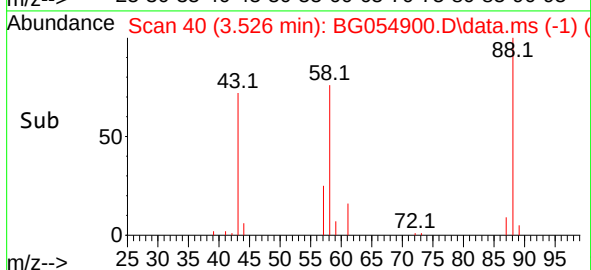
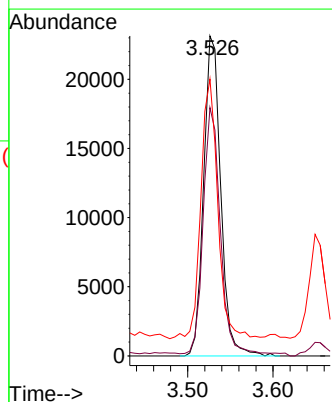
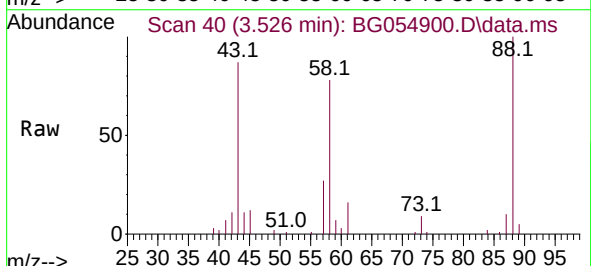
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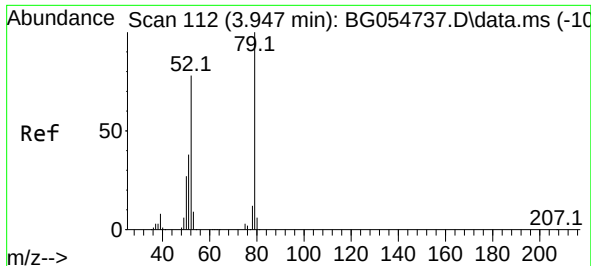
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#2
1,4-Dioxane
Concen: 34.800 ng
RT: 3.526 min Scan# 40
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

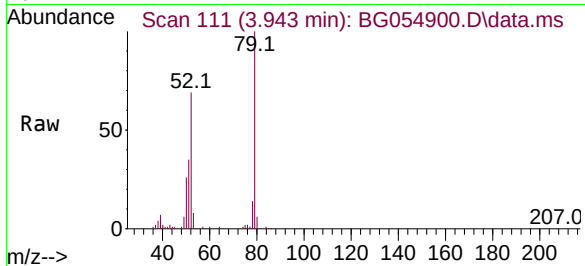
Tgt Ion: 88 Resp: 32177
Ion Ratio Lower Upper
88 100
58 79.8 65.9 98.9
43 80.3 22.7 34.1#





#3
Pyridine
Concen: 29.987 ng
RT: 3.943 min Scan# 112
Delta R.T. 0.010 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

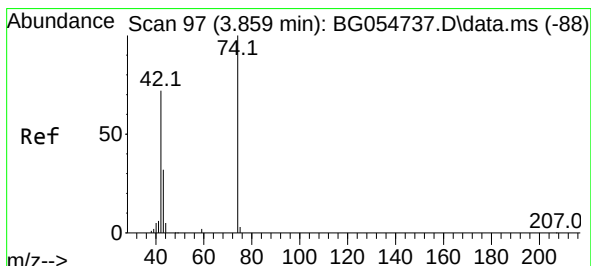
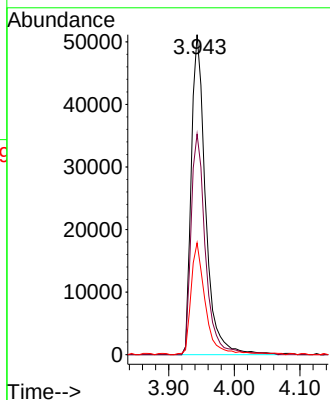
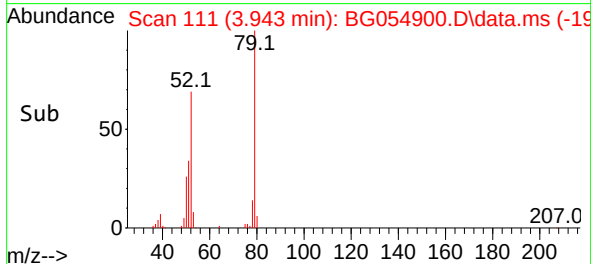
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion: 79 Resp: 77336
Ion Ratio Lower Upper
79 100
52 68.9 61.4 92.0
51 34.9 31.4 47.0

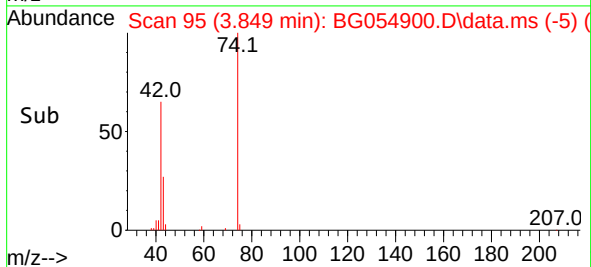
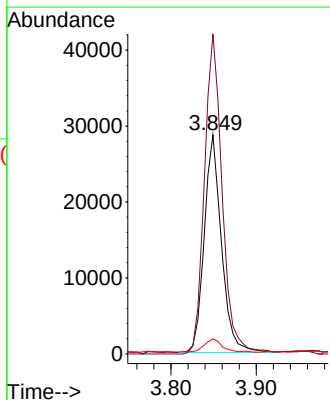
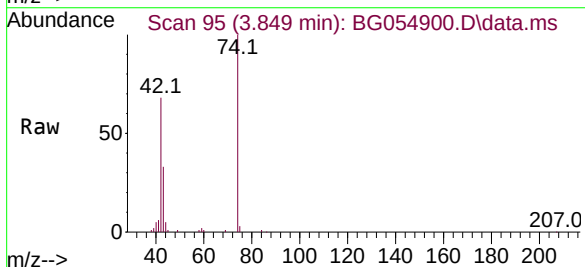
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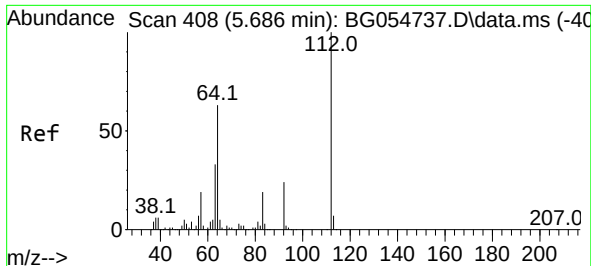
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#4
n-Nitrosodimethylamine
Concen: 36.210 ng
RT: 3.849 min Scan# 95
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

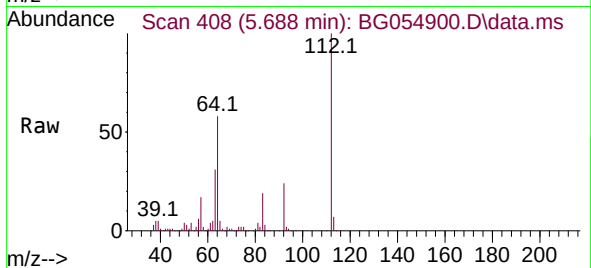
Tgt Ion: 42 Resp: 40369
Ion Ratio Lower Upper
42 100
74 146.1 109.6 164.4
44 6.9 5.5 8.3





#5
2-Fluorophenol
Concen: 134.336 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

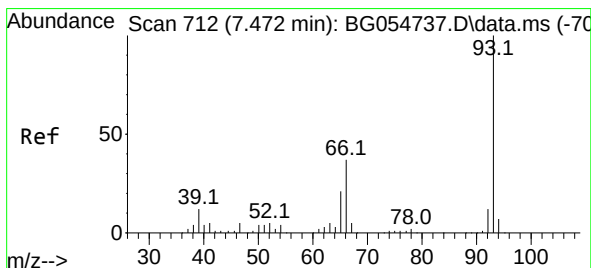
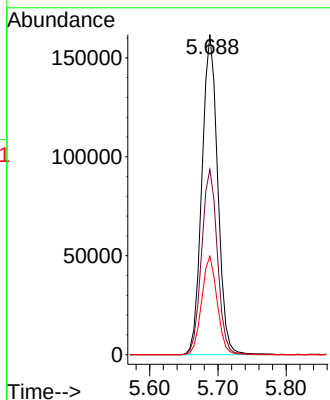
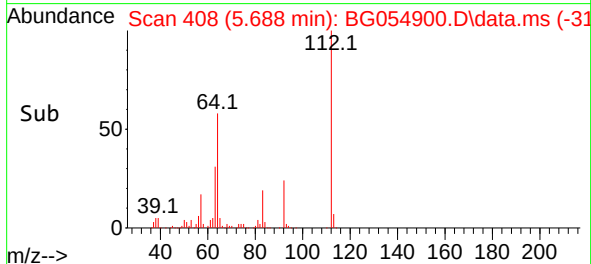
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 260122
Ion Ratio Lower Upper
112 100
64 57.8 49.3 73.9
63 30.7 26.3 39.5

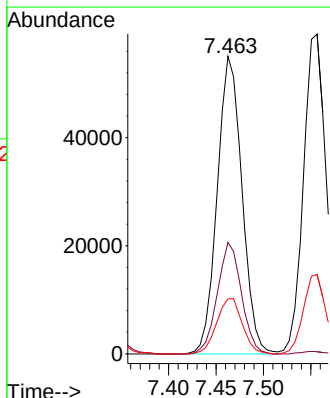
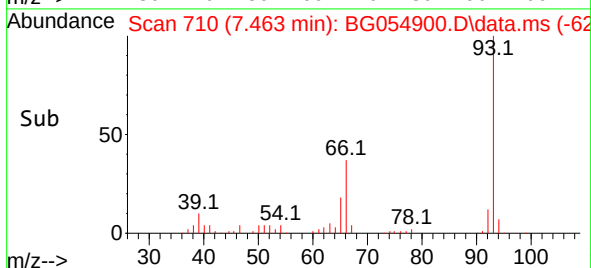
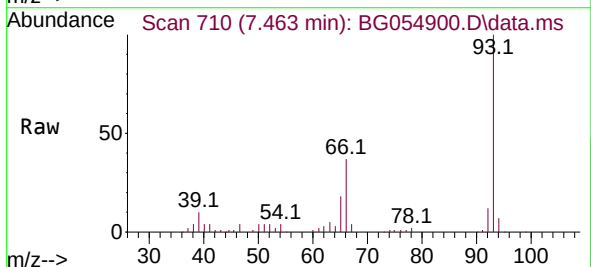
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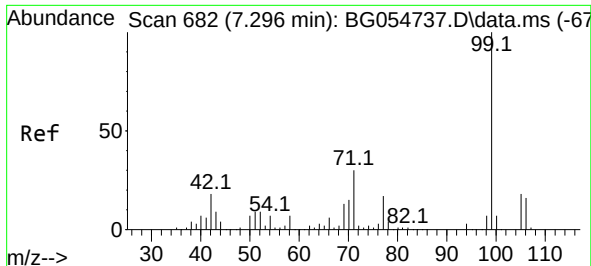
Reviewed By :Christian Giraldo 09/12/2022
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#6
Aniline
Concen: 31.804 ng
RT: 7.463 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion: 93 Resp: 100065
Ion Ratio Lower Upper
93 100
66 37.5 31.8 47.8
65 18.5 16.6 25.0





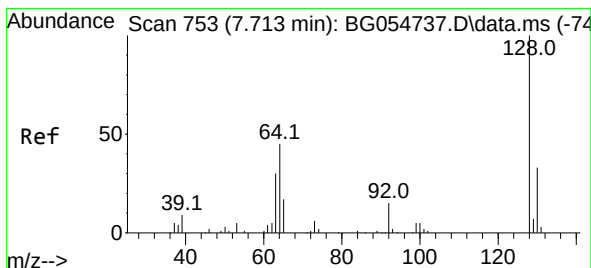
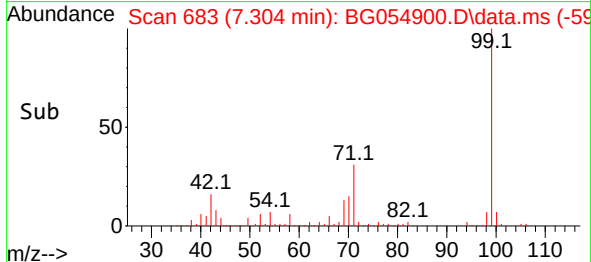
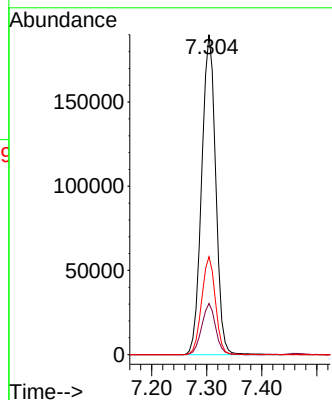
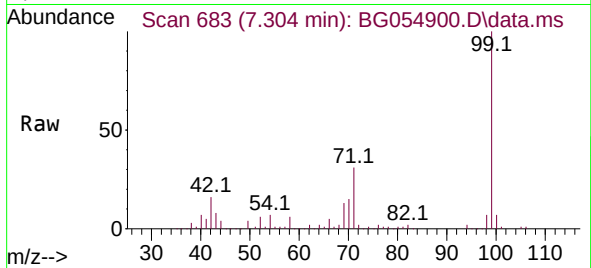
#7
Phenol-d6
Concen: 126.746 ng
RT: 7.304 min Scan# 682
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :
BNA_G
ClientSampleId :
PIT-10MSD

Tgt Ion: 99 Resp: 335639
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 30.6 24.6 37.0

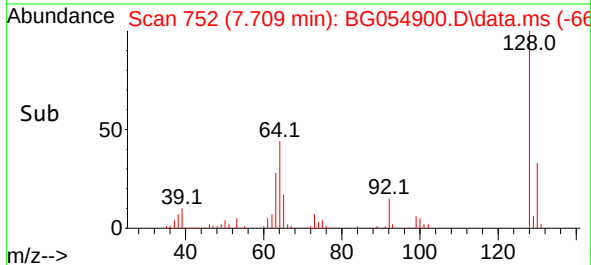
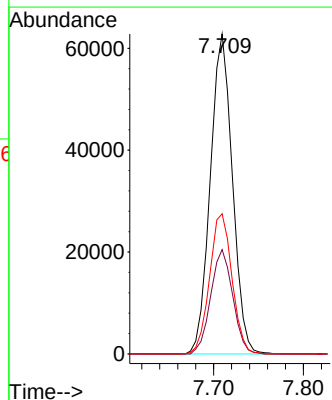
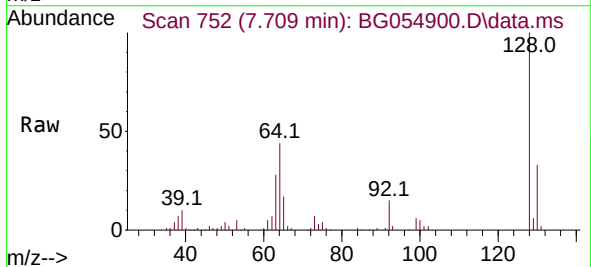
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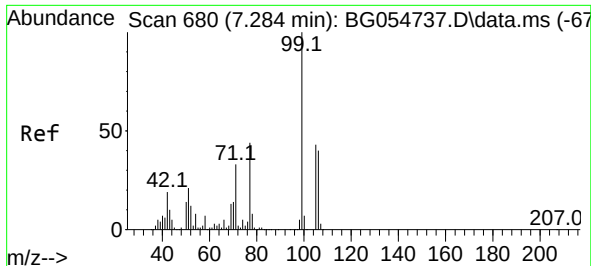
Reviewed By :Christian Giraldo 09/12/2022
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#8
2-Chlorophenol
Concen: 50.721 ng
RT: 7.709 min Scan# 752
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

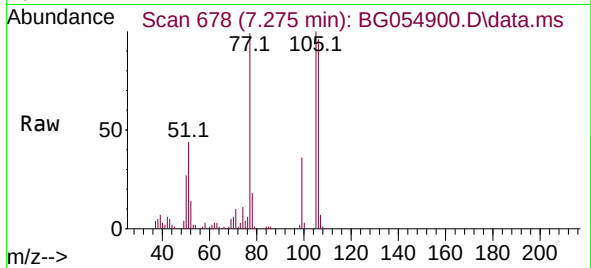
Tgt Ion:128 Resp: 107305
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 43.8 28.6 68.6





#9
Benzaldehyde
Concen: 27.223 ng m
RT: 7.275 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

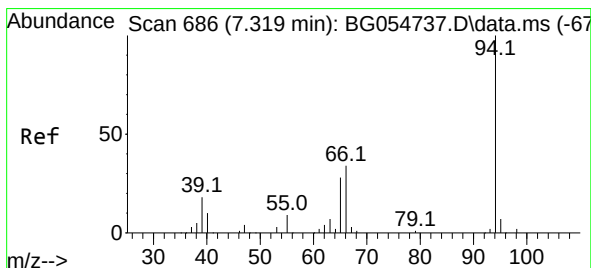
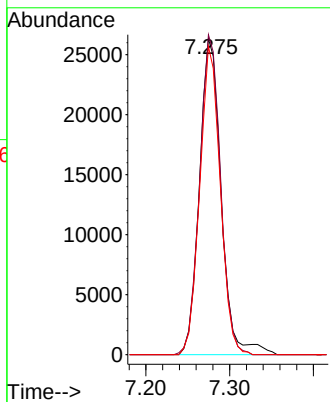
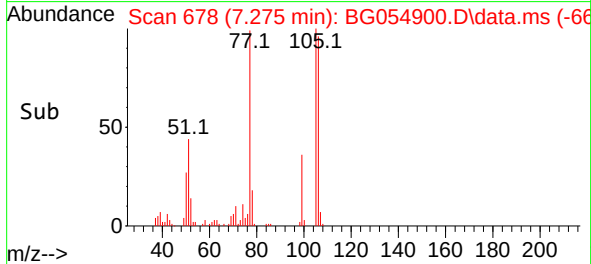
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion: 77 Resp: 47249
Ion Ratio Lower Upper
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105 101.3 75.3 115.3
106 97.5 70.2 110.2

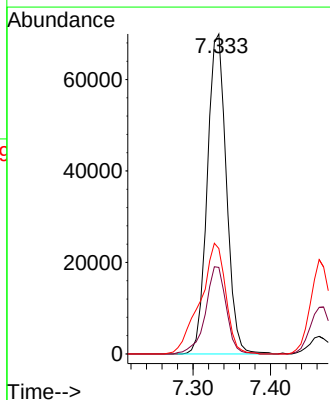
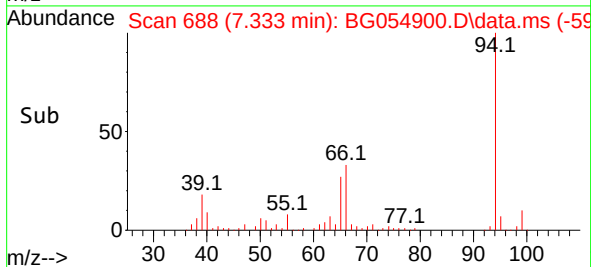
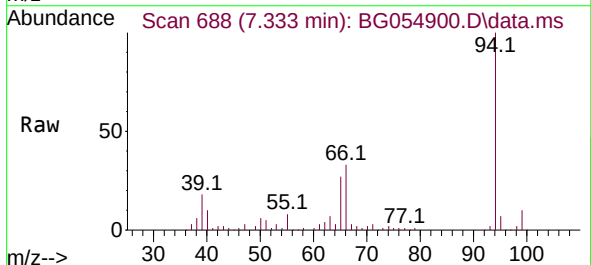
Manual Integrations
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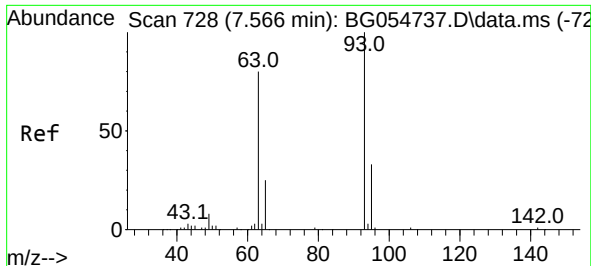
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#10
Phenol
Concen: 43.835 ng
RT: 7.333 min Scan# 688
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion: 94 Resp: 119377
Ion Ratio Lower Upper
94 100
65 27.0 9.9 49.9
66 32.9 16.4 56.4





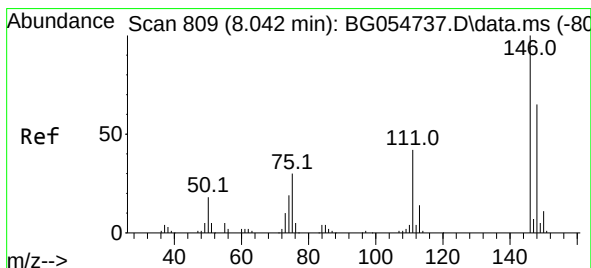
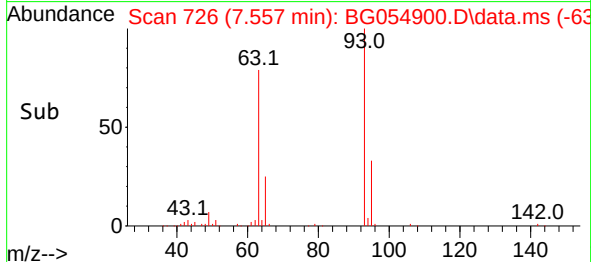
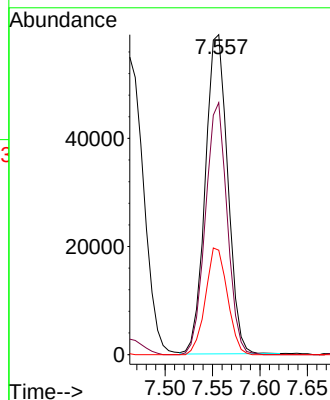
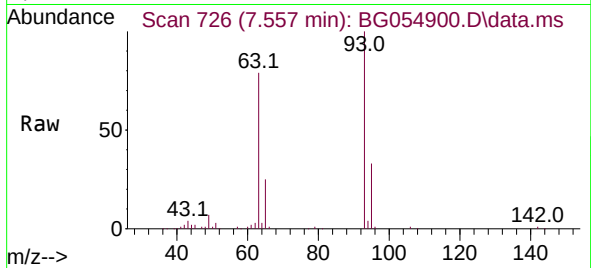
#11
bis(2-Chloroethyl)ether
Concen: 44.418 ng
RT: 7.557 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :
BNA_G
ClientSampleId :
PIT-10MSD

Tgt Ion: 93 Resp: 97286
Ion Ratio Lower Upper
93 100
63 78.7 62.1 102.1
95 32.6 12.1 52.1

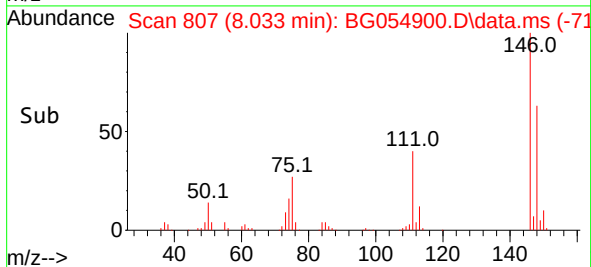
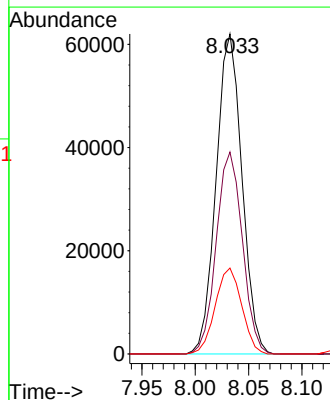
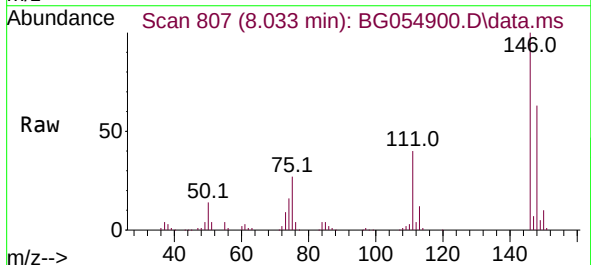
Manual Integrations
APPROVED

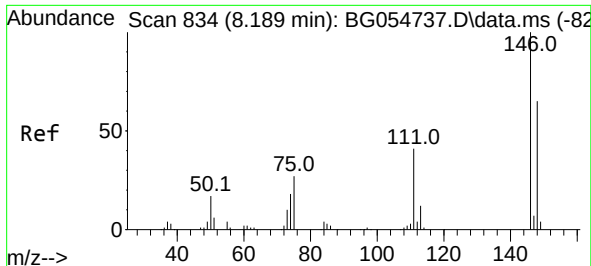
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#12
1,3-Dichlorobenzene
Concen: 42.753 ng
RT: 8.033 min Scan# 807
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion:146 Resp: 104669
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 26.8 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 43.224 ng

RT: 8.179 min Scan# 834

Delta R.T. -0.002 min

Lab File: BG054900.D

Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

Tgt Ion:146 Resp: 106740

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

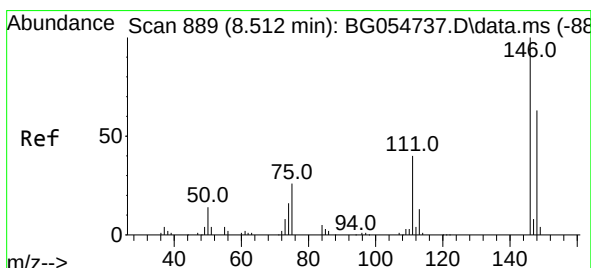
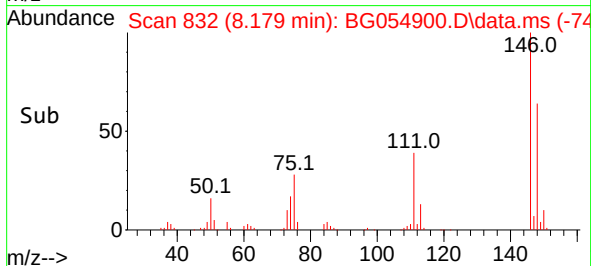
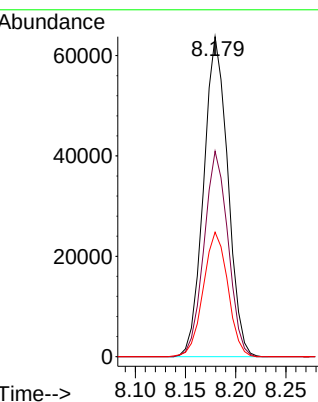
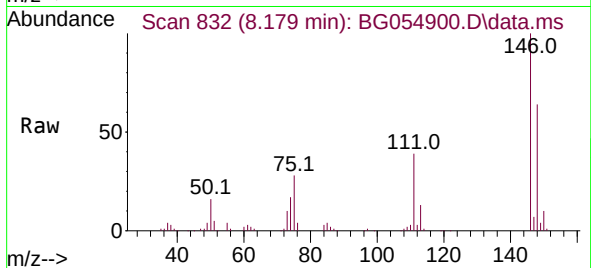
111 38.9 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#14

1,2-Dichlorobenzene

Concen: 45.052 ng

RT: 8.503 min Scan# 887

Delta R.T. 0.004 min

Lab File: BG054900.D

Acq: 9 Sep 2022 17:00

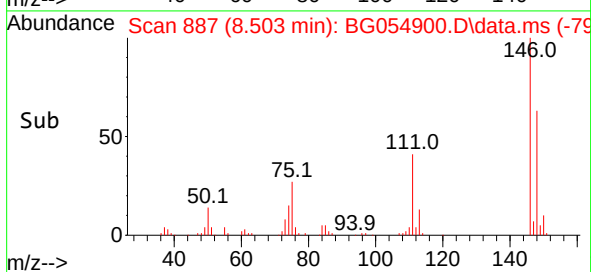
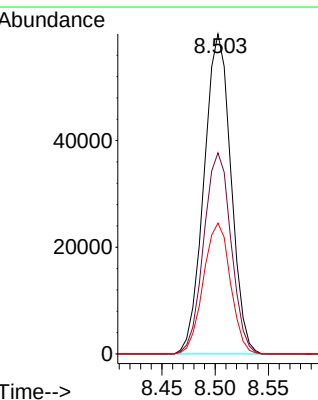
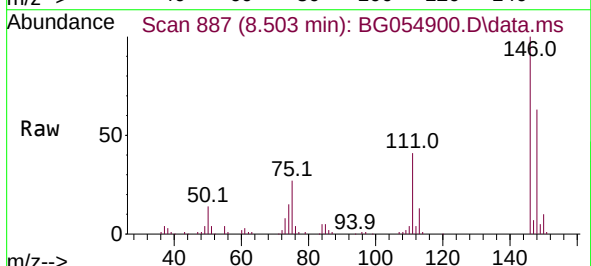
Tgt Ion:146 Resp: 105494

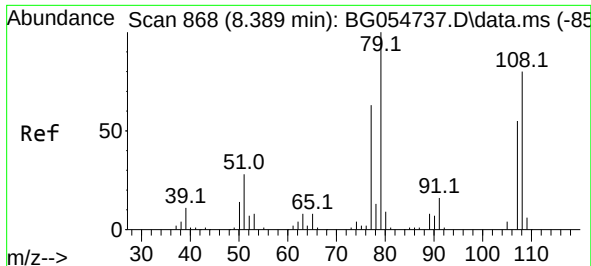
Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

111 40.9 34.3 51.5





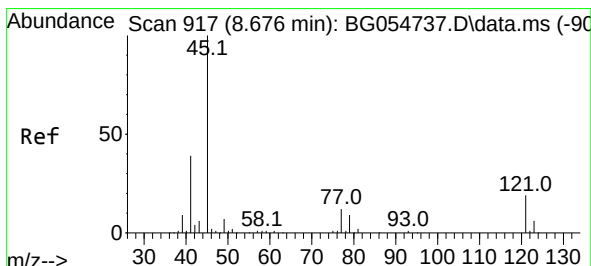
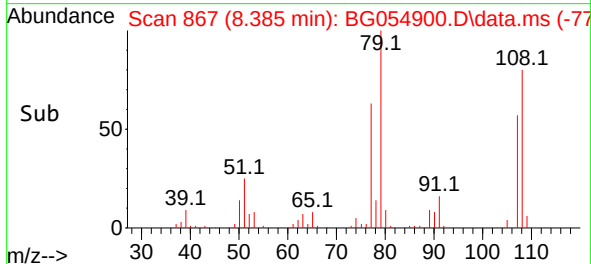
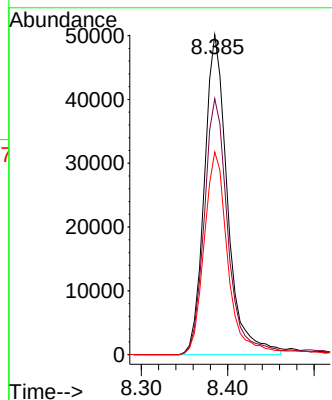
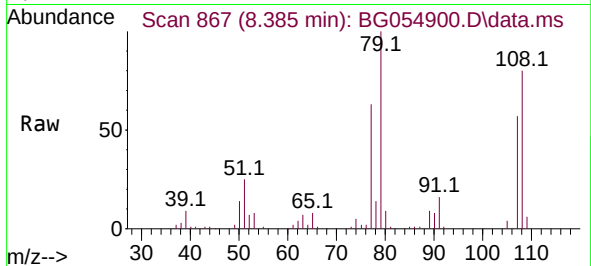
#15
Benzyl Alcohol
Concen: 48.901 ng m
RT: 8.385 min Scan# 868
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :
BNA_G
ClientSampleId :
PIT-10MSD

Tgt Ion: 79 Resp: 9355
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 63.3 55.0 82.4

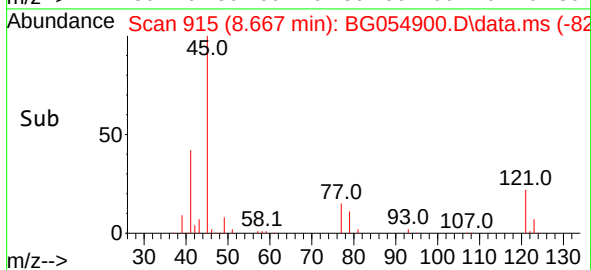
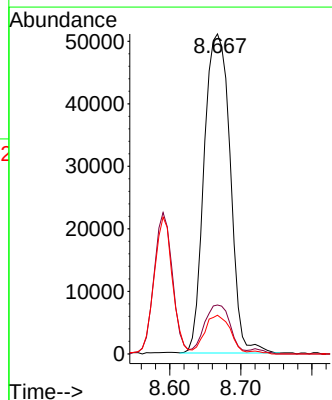
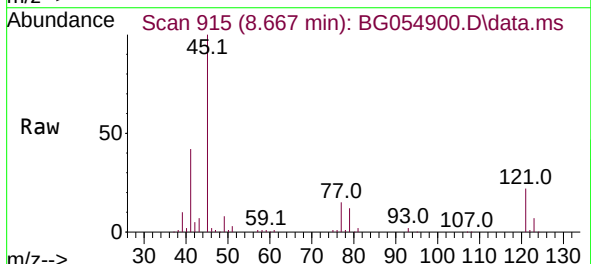
Manual Integrations
APPROVED

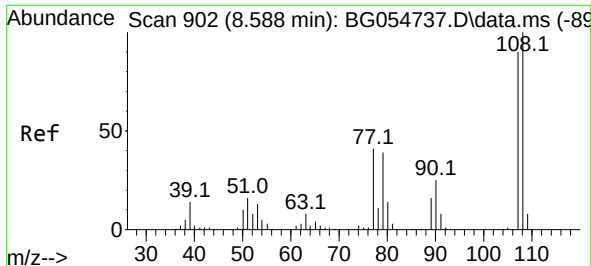
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.839 ng
RT: 8.667 min Scan# 915
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion: 45 Resp: 129680
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.8
79 12.1 0.0 30.4





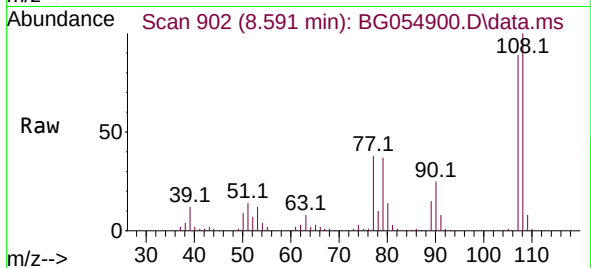
#17
2-Methylphenol
Concen: 50.186 ng
RT: 8.591 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

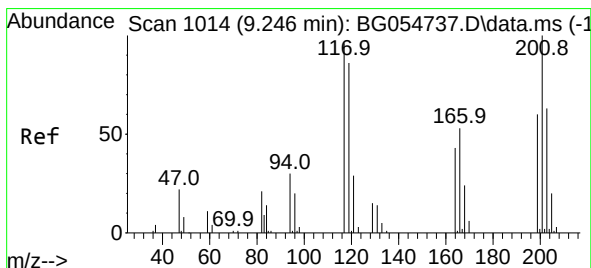
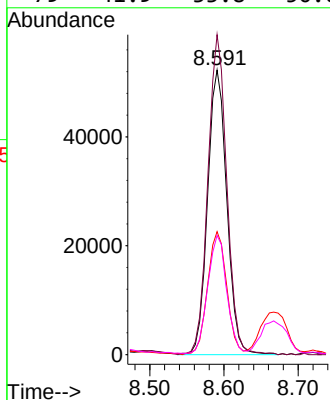
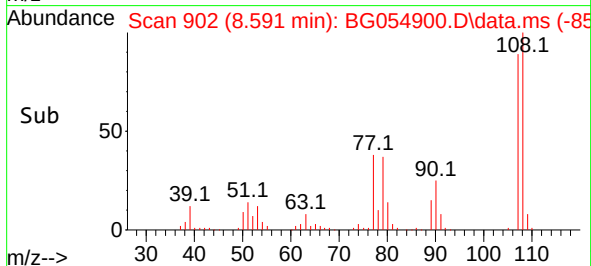


Tgt Ion:107 Resp: 94099
Ion Ratio Lower Upper
107 100
108 112.5 85.6 128.4
77 43.2 35.8 53.8
79 41.9 33.8 50.6

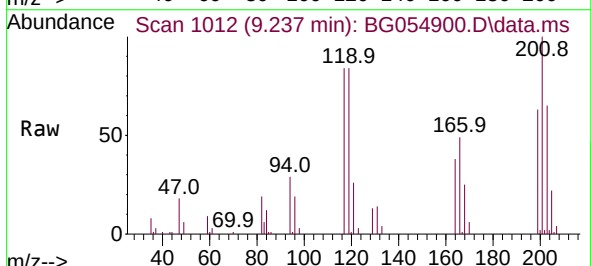
Manual Integrations

APPROVED

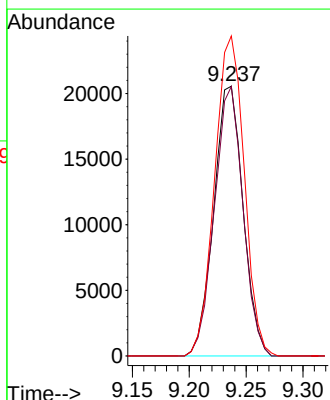
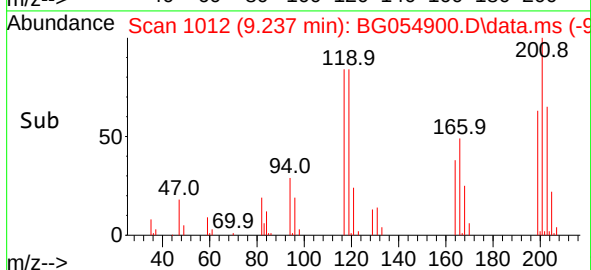
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

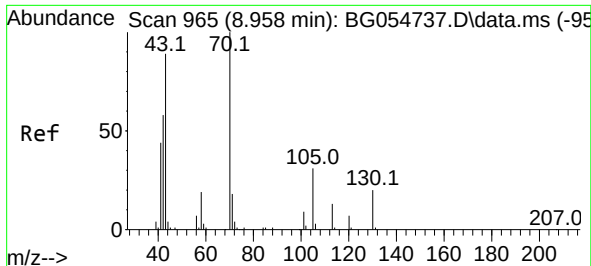


#18
Hexachloroethane
Concen: 41.132 ng
RT: 9.237 min Scan# 1012
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



Tgt Ion:117 Resp: 36833
Ion Ratio Lower Upper
117 100
119 99.9 77.0 115.6
201 118.7 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.015 ng

RT: 8.949 min Scan# 963

Delta R.T. -0.002 min

Lab File: BG054900.D

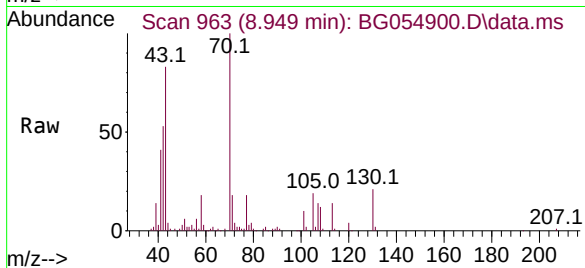
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD



Tgt Ion: 70 Resp: 83795

Ion Ratio Lower Upper

70 100

42 53.0 46.6 69.8

101 9.6 7.7 11.5

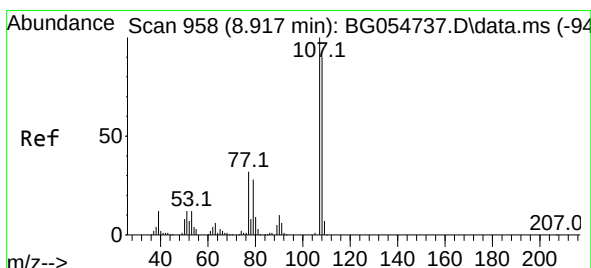
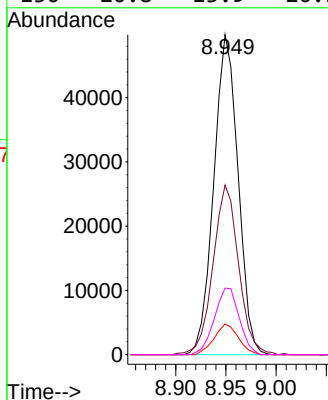
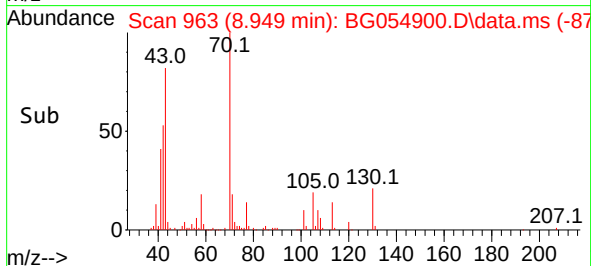
130 20.8 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#20

3+4-Methylphenols

Concen: 49.708 ng

RT: 8.920 min Scan# 958

Delta R.T. -0.002 min

Lab File: BG054900.D

Acq: 9 Sep 2022 17:00

Tgt Ion:107 Resp: 129243

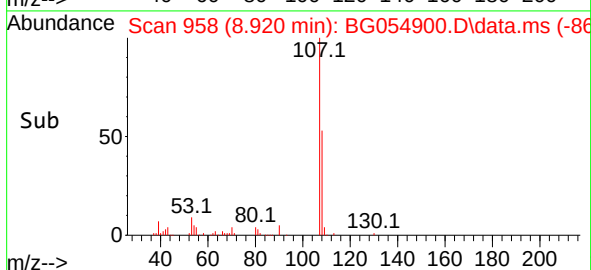
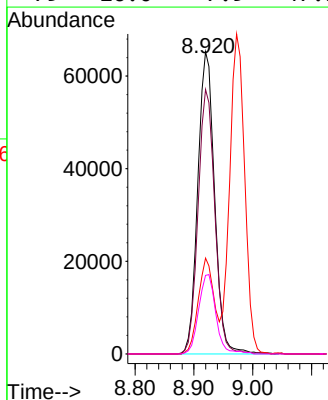
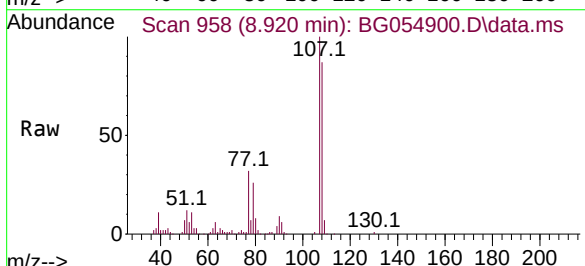
Ion Ratio Lower Upper

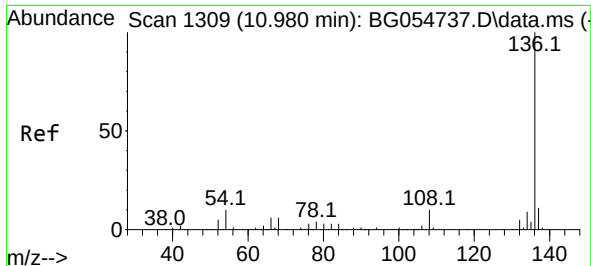
107 100

108 87.5 71.6 111.6

77 31.7 13.1 53.1

79 26.0 7.9 47.9





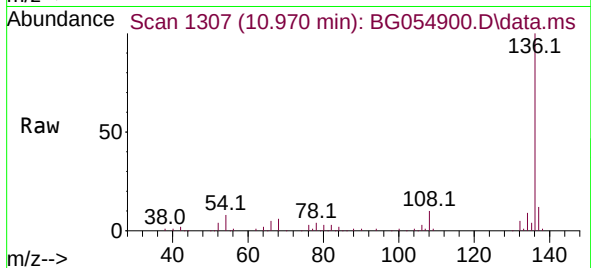
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

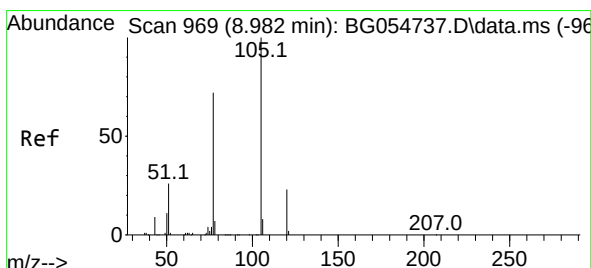
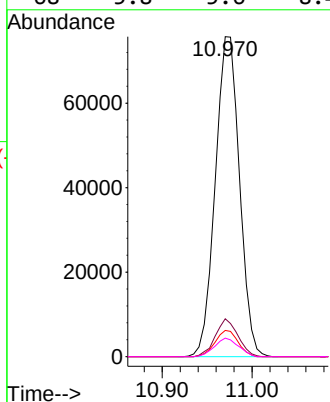
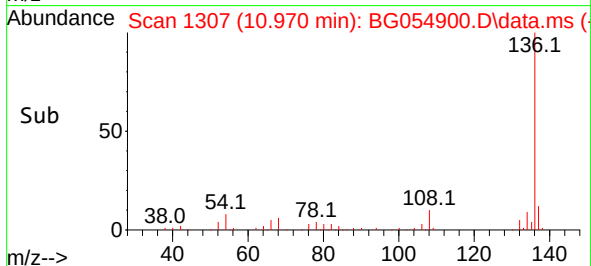


Tgt Ion:136 Resp: 142424
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 8.2 7.7 11.5
68 5.8 5.6 8.4

Manual Integrations

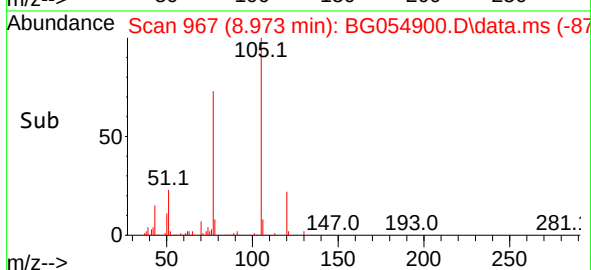
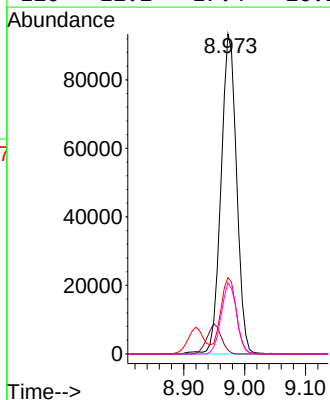
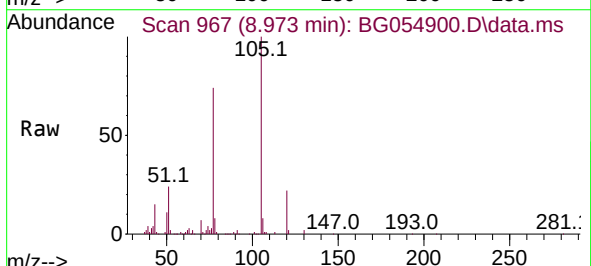
APPROVED

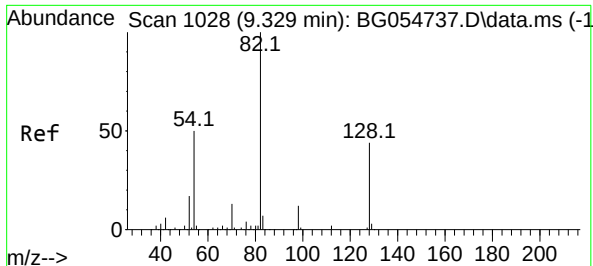
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#22
Acetophenone
Concen: 46.531 ng
RT: 8.973 min Scan# 967
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion:105 Resp: 165797
Ion Ratio Lower Upper
105 100
71 1.2 1.2 1.8#
51 23.9 22.9 34.3
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.271 ng

RT: 9.319 min Scan# 1026

Delta R.T. -0.002 min

Lab File: BG054900.D

Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

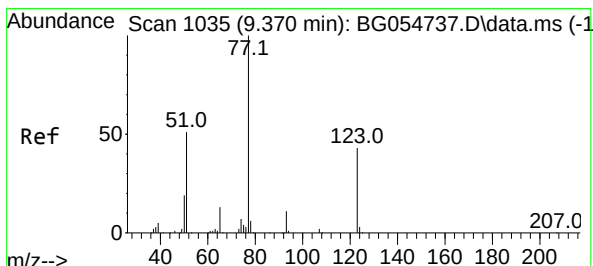
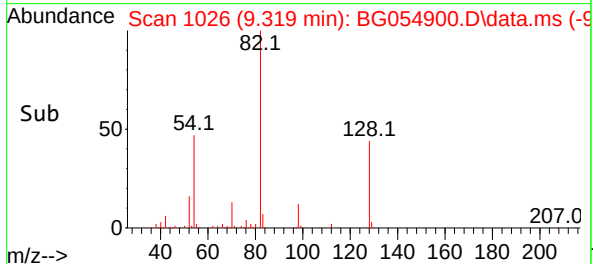
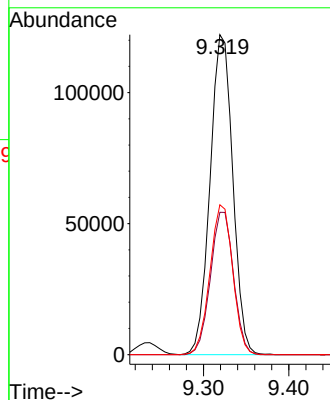
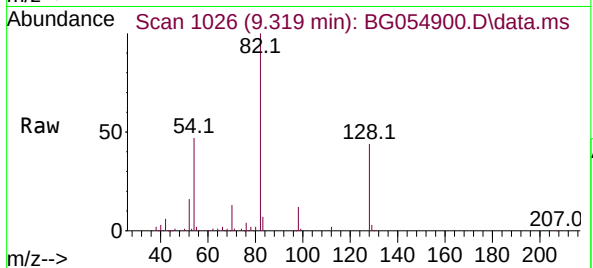
Tgt Ion:	82	Resp:	225916
Ion Ratio	Lower	Upper	
82	100		
128	44.5	32.2	48.2
54	46.8	41.4	62.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/12/2022

Supervised By :Jagrut Upadhyay 09/12/2022



#24

Nitrobenzene

Concen: 42.655 ng

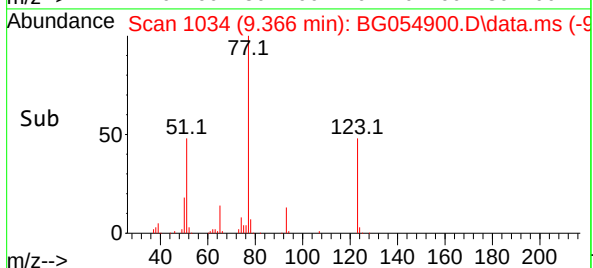
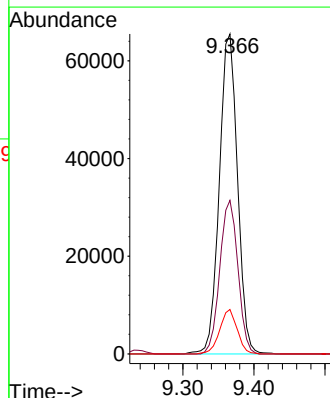
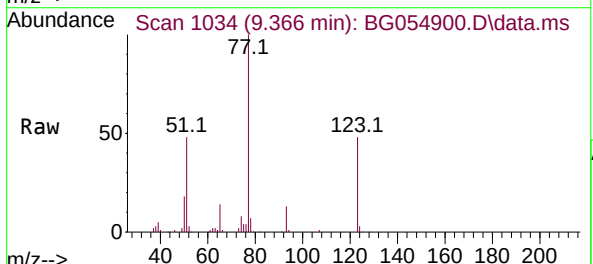
RT: 9.366 min Scan# 1034

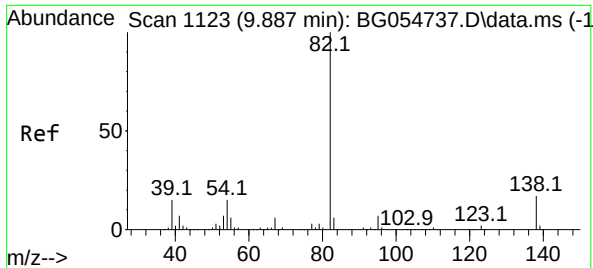
Delta R.T. 0.004 min

Lab File: BG054900.D

Acq: 9 Sep 2022 17:00

Tgt Ion:	77	Resp:	116642
Ion Ratio	Lower	Upper	
77	100		
123	48.0	35.0	52.6
65	13.9	10.2	15.2





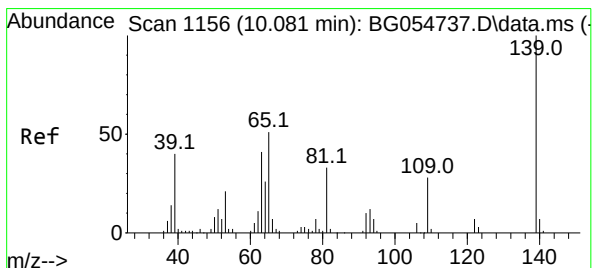
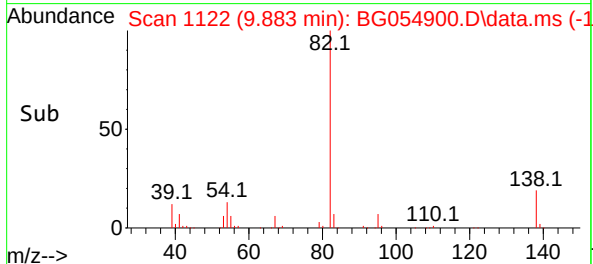
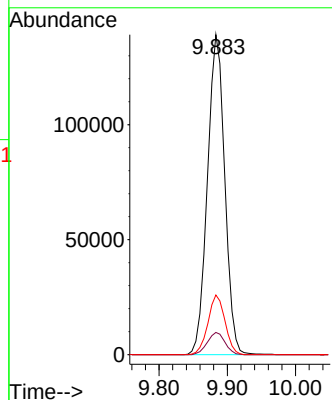
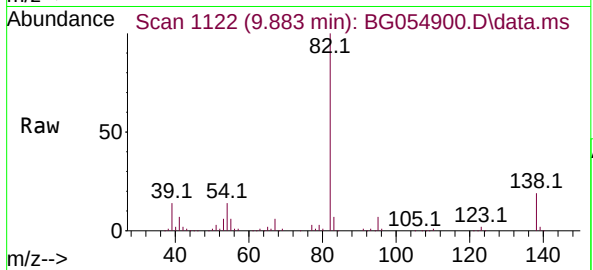
#25
Isophorone
Concen: 48.442 ng
RT: 9.883 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :
BNA_G
ClientSampleId :
PIT-10MSD

Tgt Ion: 82 Resp: 245052
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.6 13.9 20.9

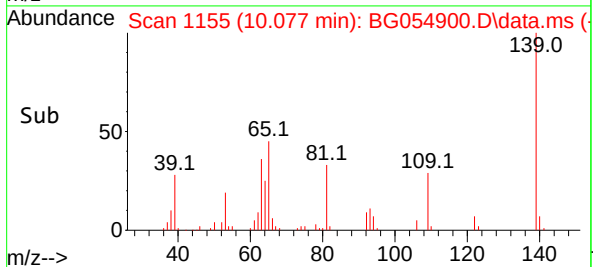
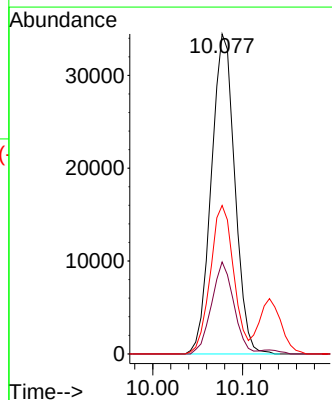
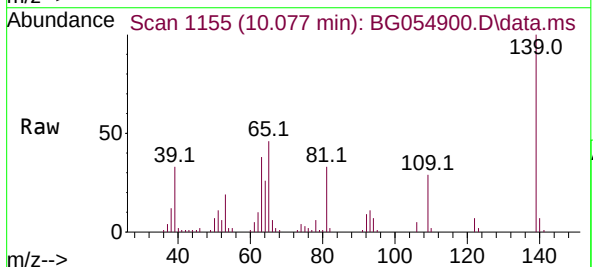
Manual Integrations
APPROVED

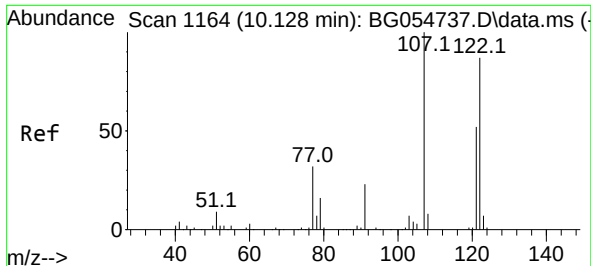
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#26
2-Nitrophenol
Concen: 51.710 ng
RT: 10.077 min Scan# 1155
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

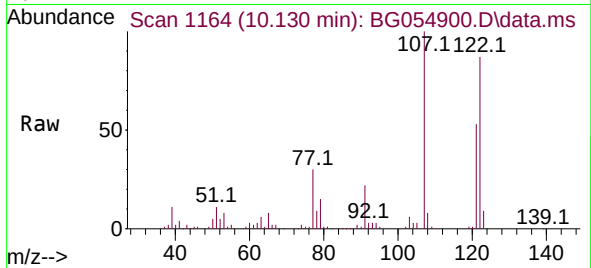
Tgt Ion:139 Resp: 62462
Ion Ratio Lower Upper
139 100
109 28.7 21.8 32.6
65 46.4 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 57.345 ng
RT: 10.130 min Scan# 1164
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

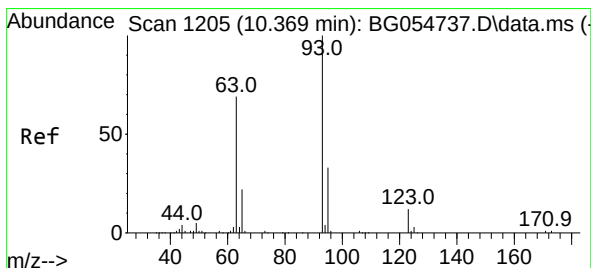
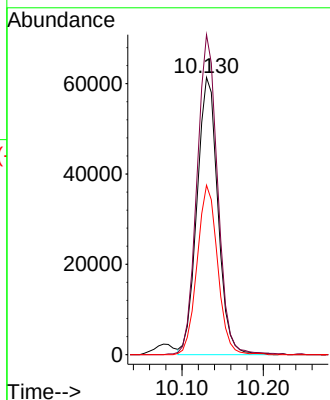
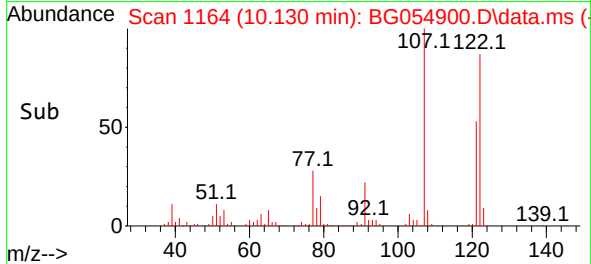
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:122 Resp: 109749
Ion Ratio Lower Upper
122 100
107 115.4 94.6 142.0
121 61.1 49.8 74.6

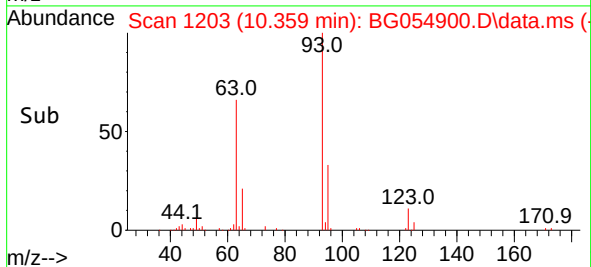
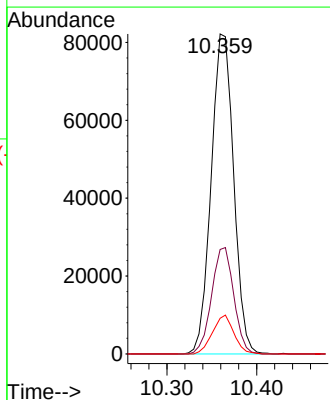
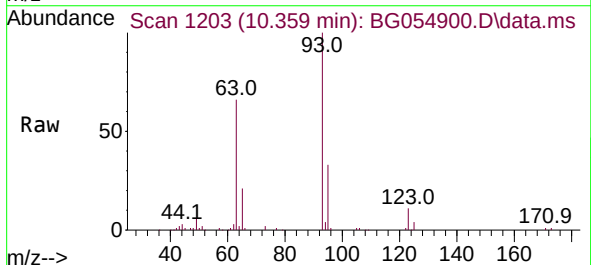
Manual Integrations
APPROVED

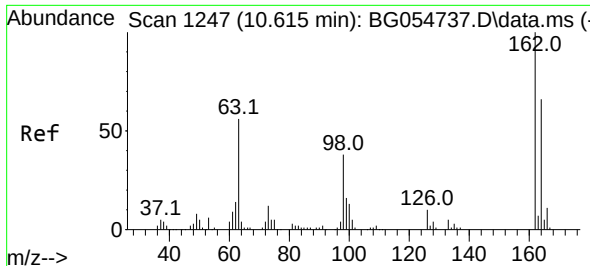
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.615 ng
RT: 10.359 min Scan# 1203
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion: 93 Resp: 143016
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 11.1 8.4 12.6





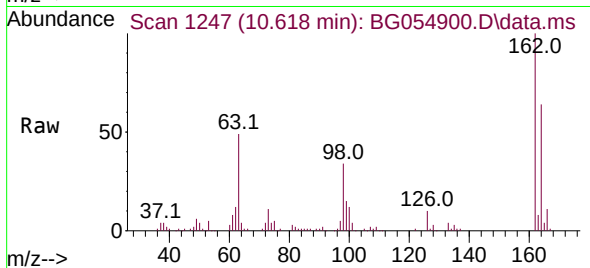
#29
2,4-Dichlorophenol
Concen: 52.781 ng
RT: 10.618 min Scan# 1247
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

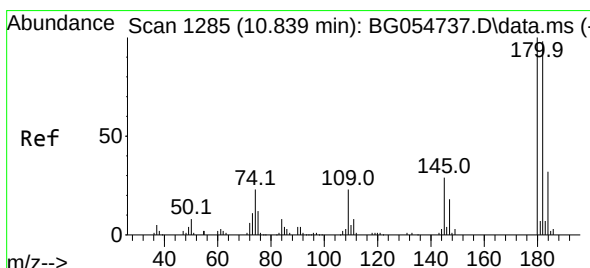
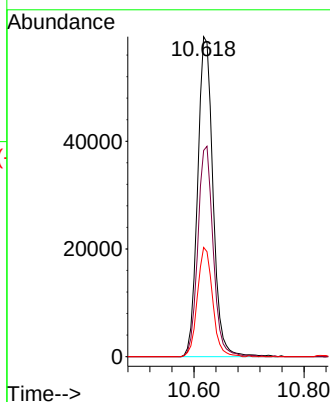
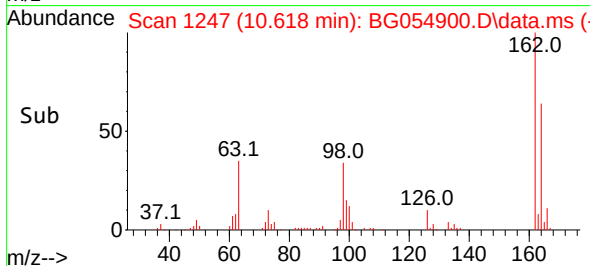


Tgt Ion:162 Resp: 114895
Ion Ratio Lower Upper
162 100
164 64.4 47.2 87.2
98 34.1 16.6 56.6

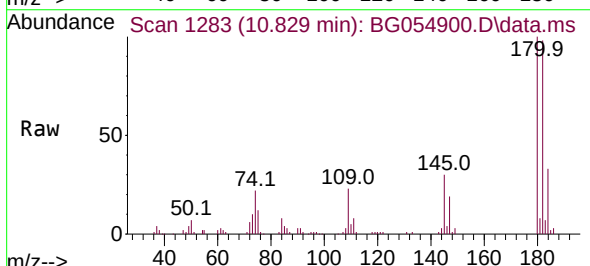
Manual Integrations

APPROVED

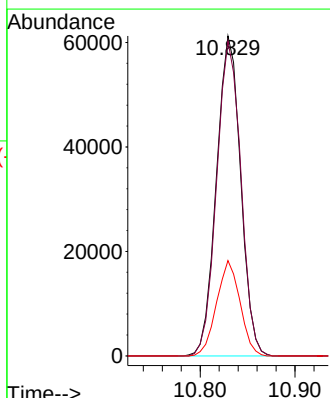
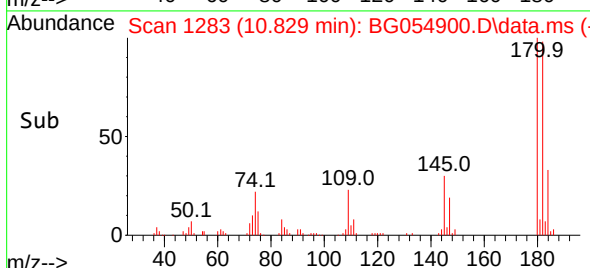
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

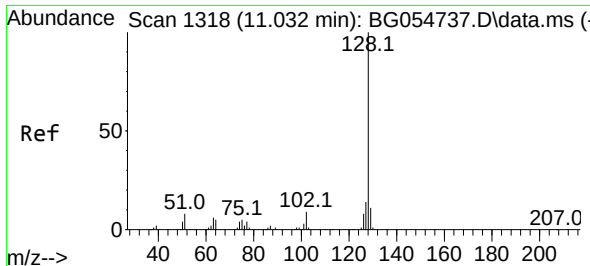


#30
1,2,4-Trichlorobenzene
Concen: 43.700 ng
RT: 10.829 min Scan# 1283
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



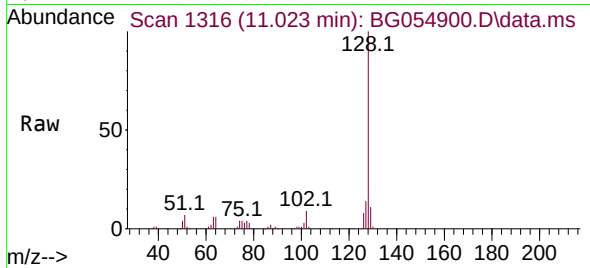
Tgt Ion:180 Resp: 108710
Ion Ratio Lower Upper
180 100
182 98.3 77.0 115.6
145 29.8 24.0 36.0





#31
Naphthalene
Concen: 43.561 ng
RT: 11.023 min Scan# 1318
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

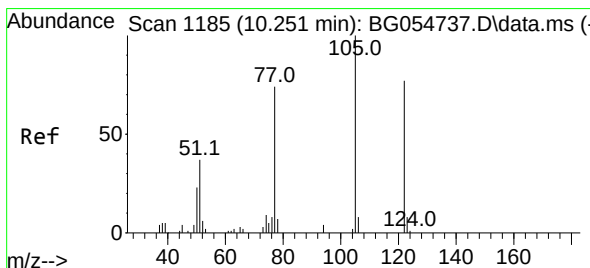
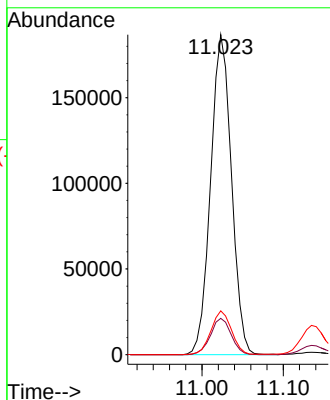
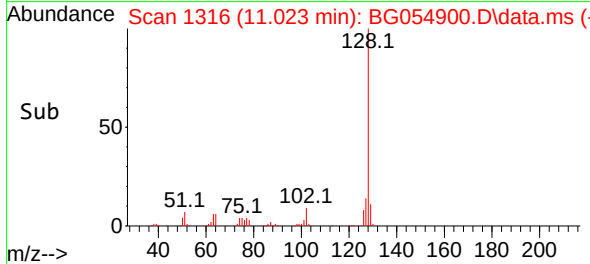
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:128 Resp: 332863
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 11.1 16.7

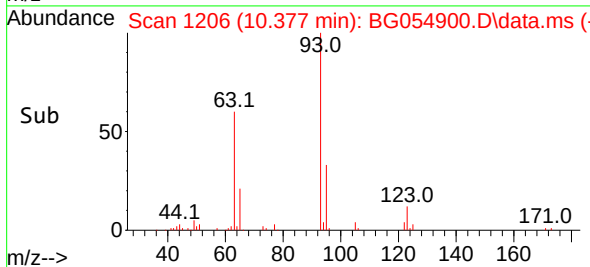
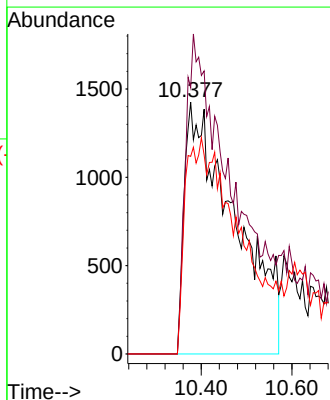
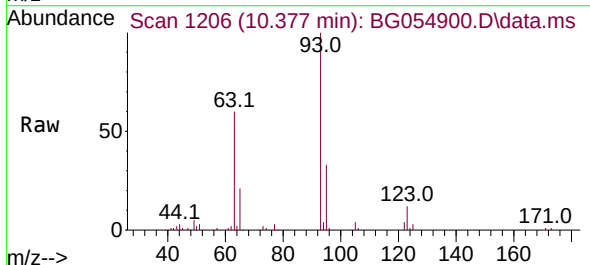
Manual Integrations
APPROVED

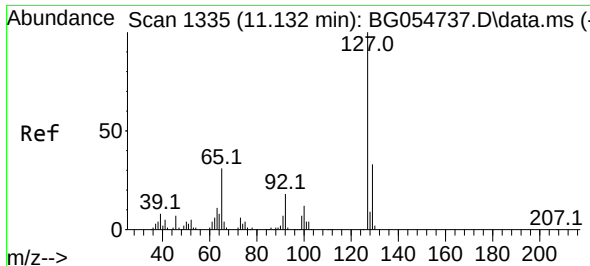
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#32
Benzoic acid
Concen: 14.485 ng m
RT: 10.377 min Scan# 1206
Delta R.T. 0.033 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

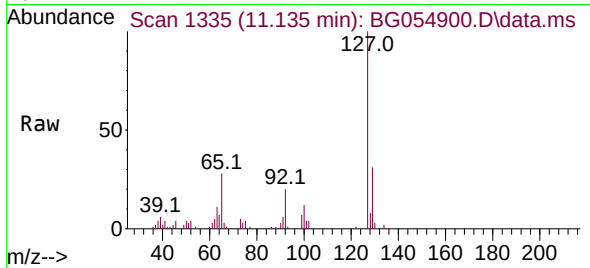
Tgt Ion:122 Resp: 10902
Ion Ratio Lower Upper
122 100
105 105.7 101.5 141.5
77 78.5 69.3 109.3





#33
4-Chloroaniline
Concen: 11.631 ng
RT: 11.135 min Scan# 1335
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

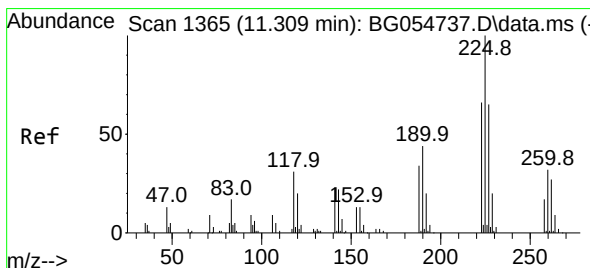
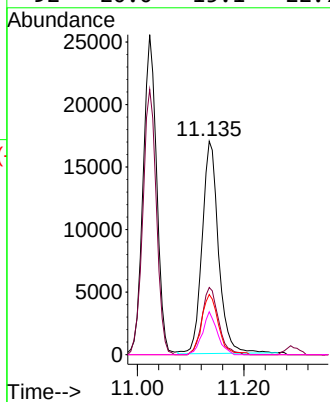
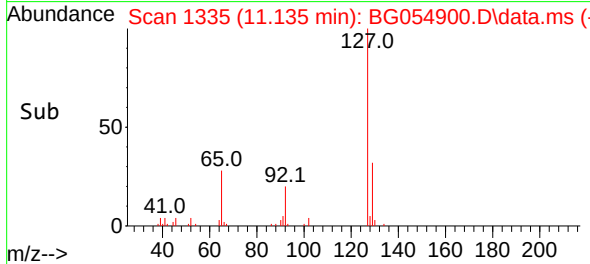
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



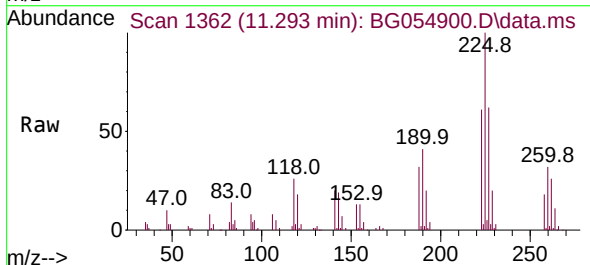
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	28.1	25.8	38.8
92	20.0	15.1	22.7

Manual Integrations
APPROVED

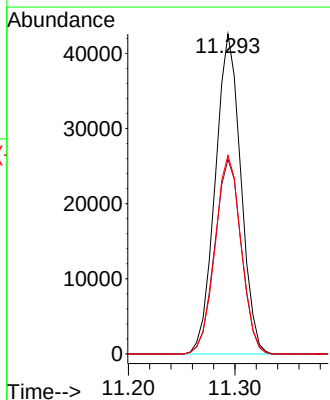
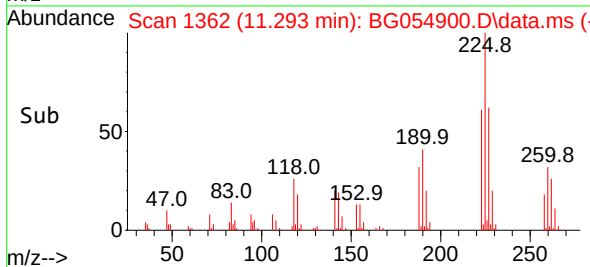
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

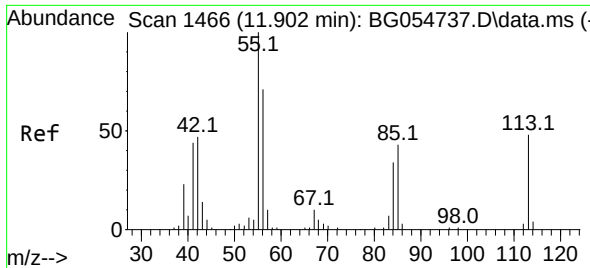


#34
Hexachlorobutadiene
Concen: 44.579 ng
RT: 11.293 min Scan# 1362
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



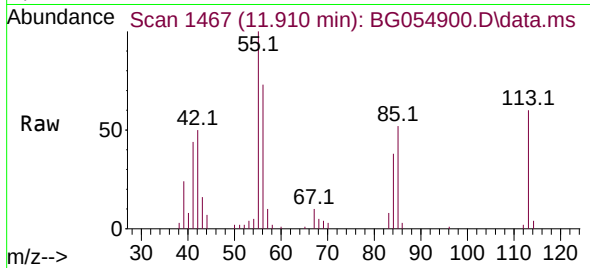
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.4	77.0
227	62.0	52.6	79.0





#35
Caprolactam
Concen: 47.153 ng m
RT: 11.910 min Scan# 1466
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

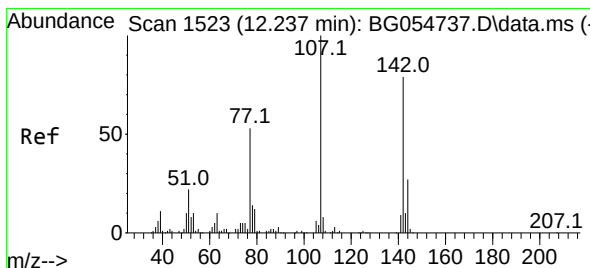
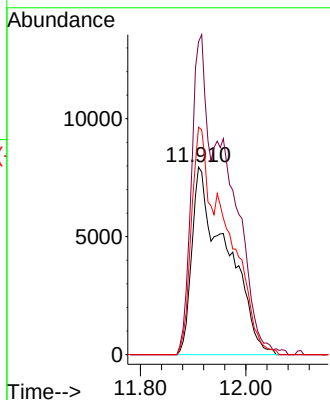
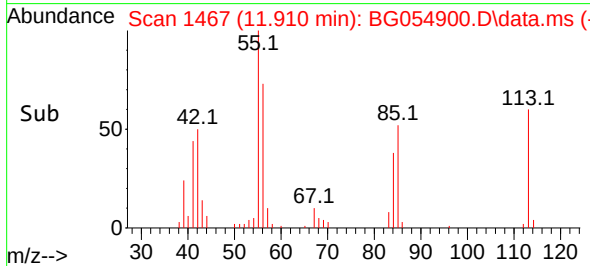
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



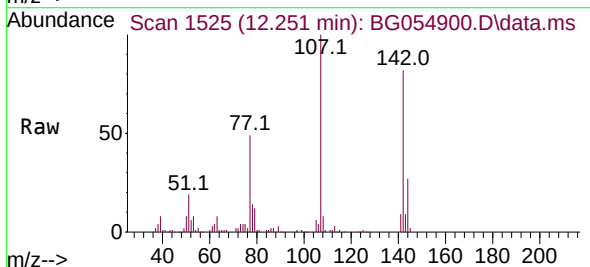
Tgt Ion:113 Resp: 36213
Ion Ratio Lower Upper
113 100
55 166.7 179.1 219.1
56 121.2 120.8 160.8

Manual Integrations
APPROVED

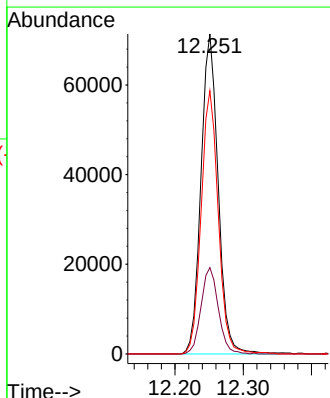
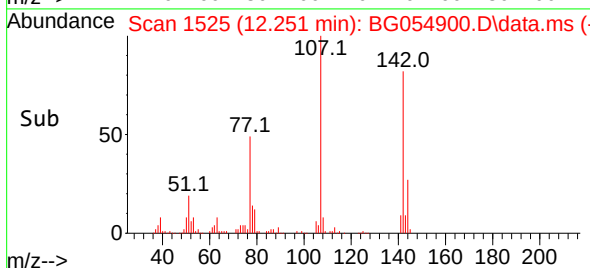
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

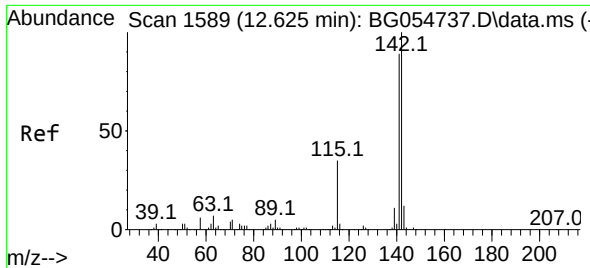


#36
4-Chloro-3-methylphenol
Concen: 52.466 ng
RT: 12.251 min Scan# 1525
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



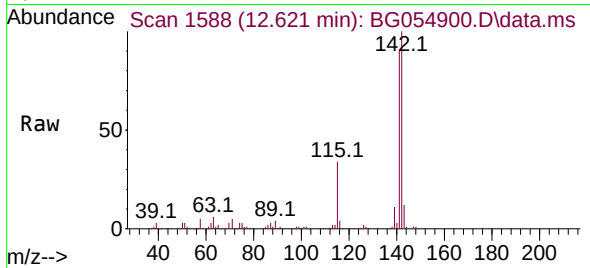
Tgt Ion:107 Resp: 124893
Ion Ratio Lower Upper
107 100
144 27.0 22.4 33.6
142 82.2 65.8 98.8





#37
2-Methylnaphthalene
Concen: 46.004 ng
RT: 12.621 min Scan# 1589
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

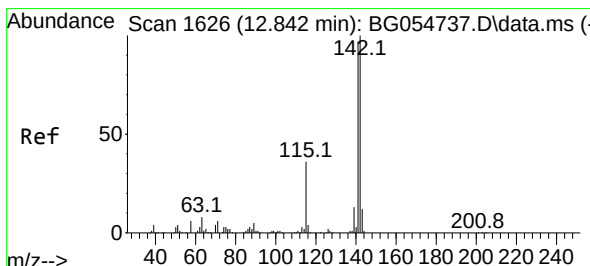
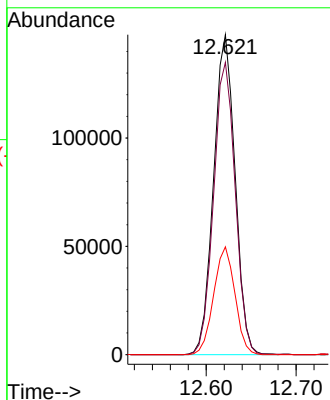
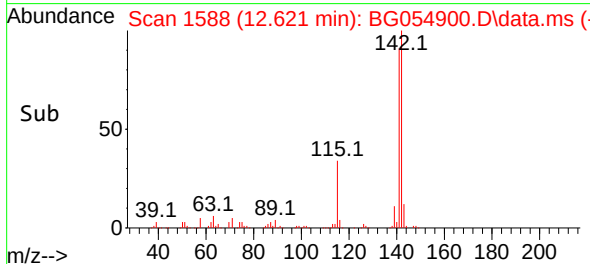
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:142 Resp: 246382
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4
115 33.7 27.3 40.9

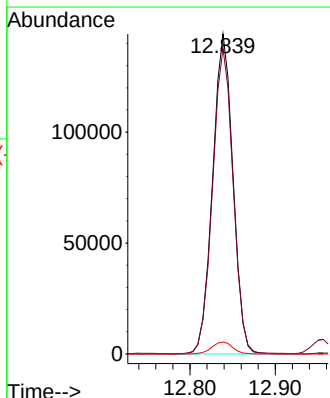
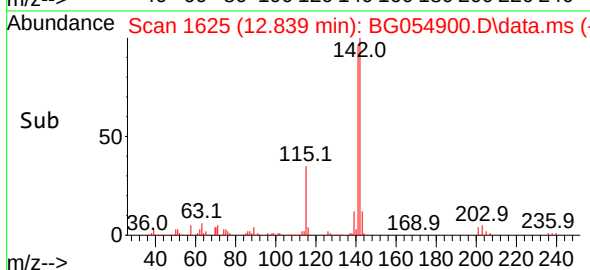
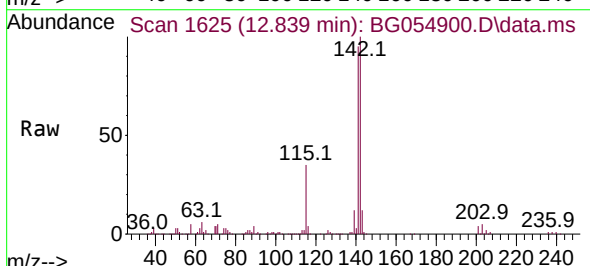
Manual Integrations
APPROVED

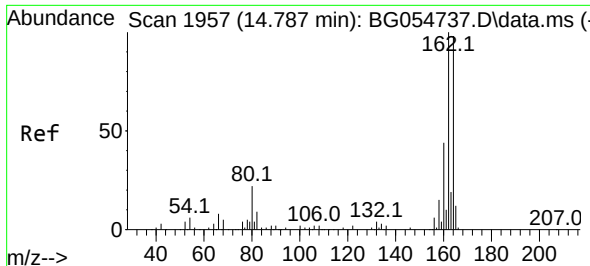
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#38
1-Methylnaphthalene
Concen: 45.795 ng
RT: 12.839 min Scan# 1625
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

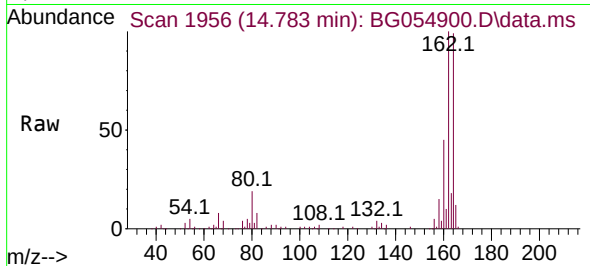
Tgt Ion:142 Resp: 238625
Ion Ratio Lower Upper
142 100
141 95.5 77.4 116.0
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1957
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

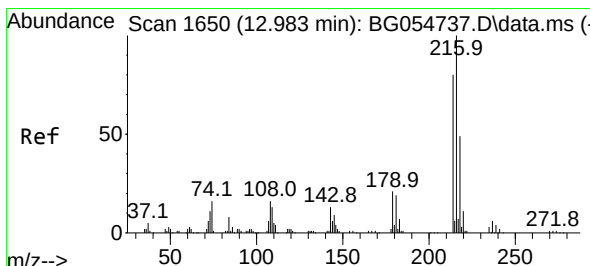
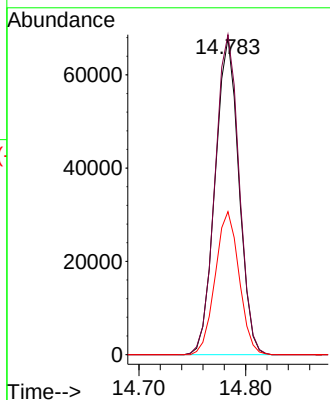
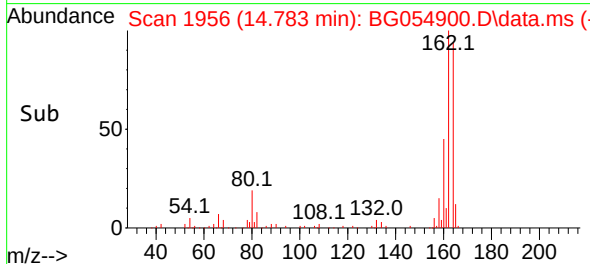
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:164 Resp: 104987
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.4
160 45.2 38.0 57.0

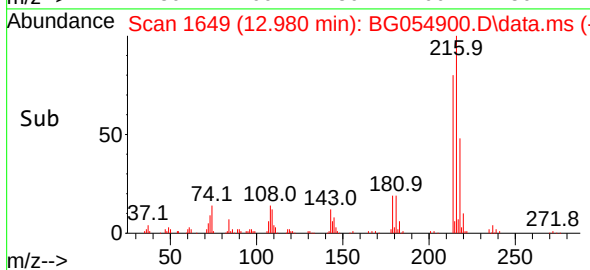
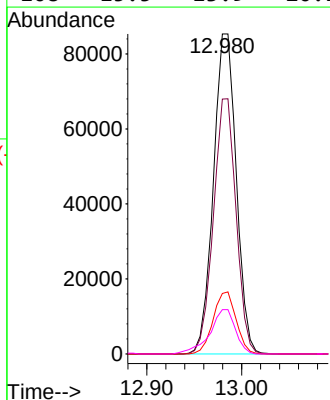
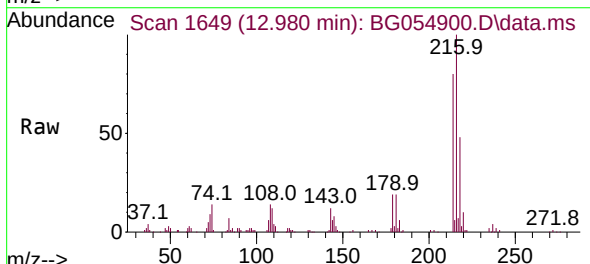
Manual Integrations
APPROVED

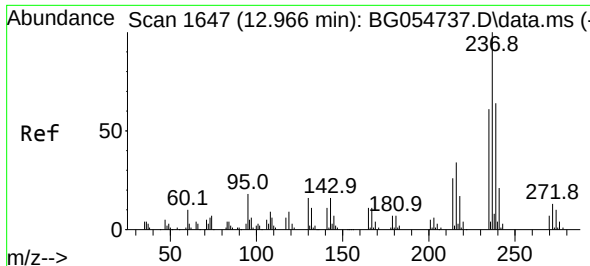
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.156 ng
RT: 12.980 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

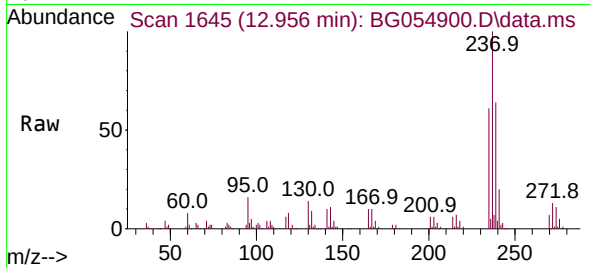
Tgt Ion:216 Resp: 142909
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 19.4 16.5 24.7
108 15.5 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 56.362 ng
RT: 12.956 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

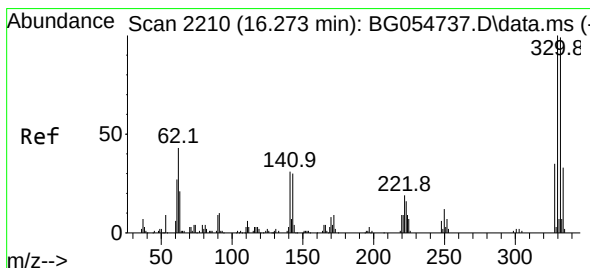
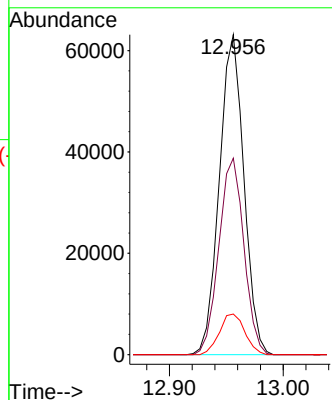
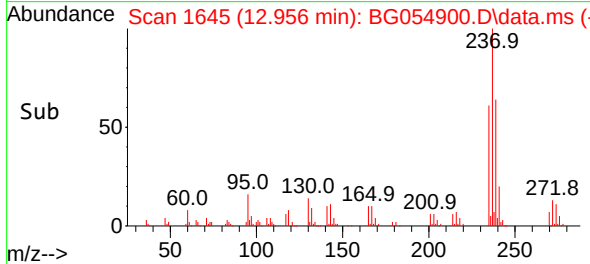
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:237 Resp: 94596
Ion Ratio Lower Upper
237 100
235 61.4 42.2 82.2
272 12.7 0.0 34.0

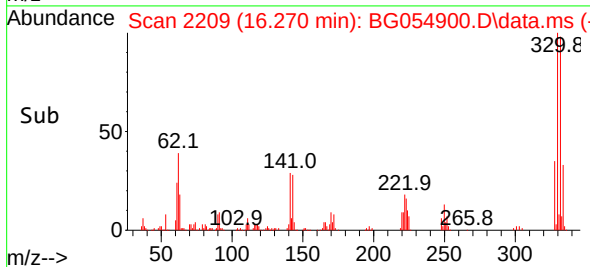
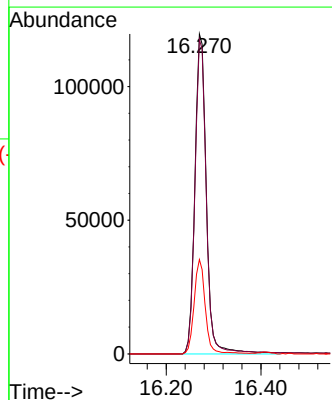
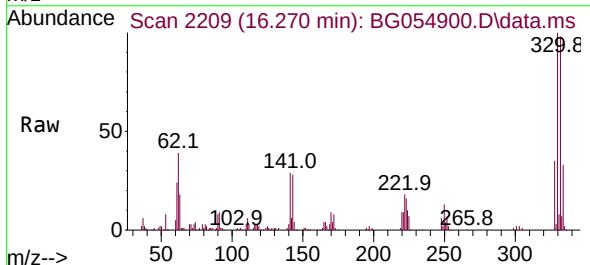
Manual Integrations
APPROVED

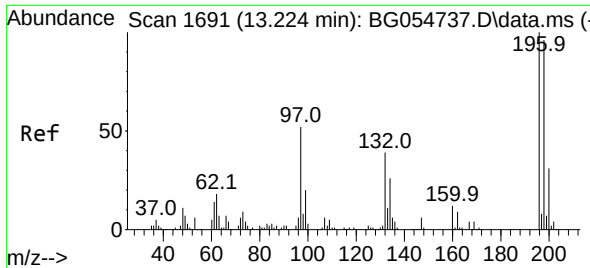
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#42
2,4,6-Tribromophenol
Concen: 153.402 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

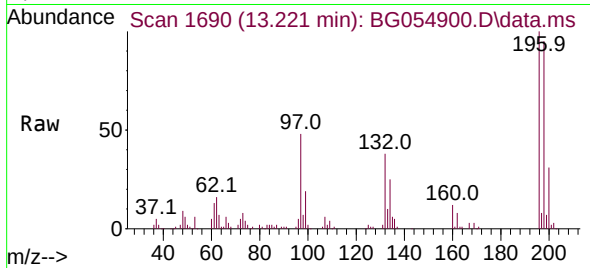
Tgt Ion:330 Resp: 201245
Ion Ratio Lower Upper
330 100
332 96.7 79.8 119.6
141 28.7 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 45.939 ng
RT: 13.221 min Scan# 1691
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

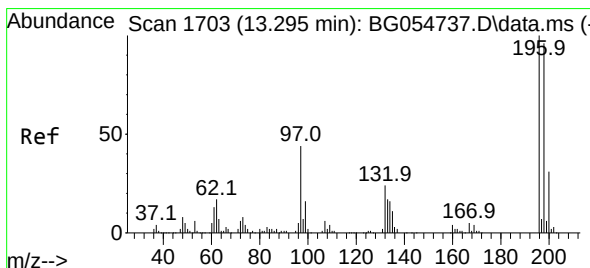
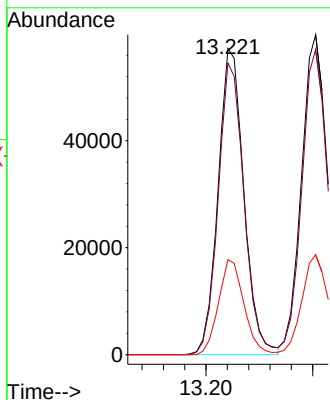
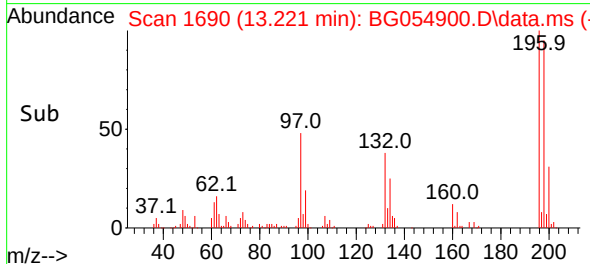
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:196 Resp: 96501
Ion Ratio Lower Upper
196 100
198 95.2 77.1 115.7
200 31.0 24.2 36.4

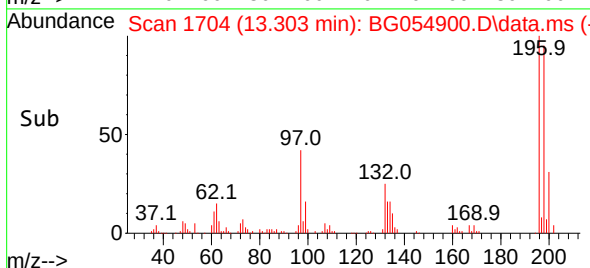
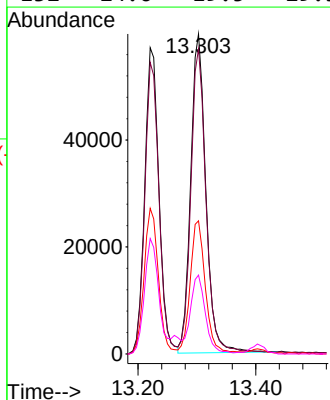
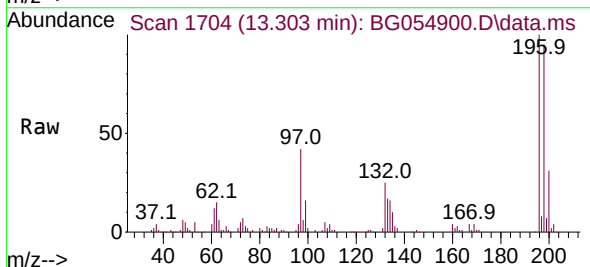
Manual Integrations
APPROVED

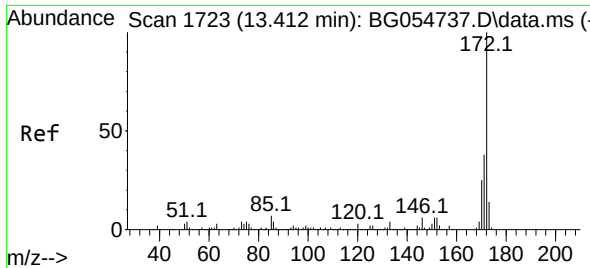
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#44
2,4,5-Trichlorophenol
Concen: 45.308 ng
RT: 13.303 min Scan# 1704
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

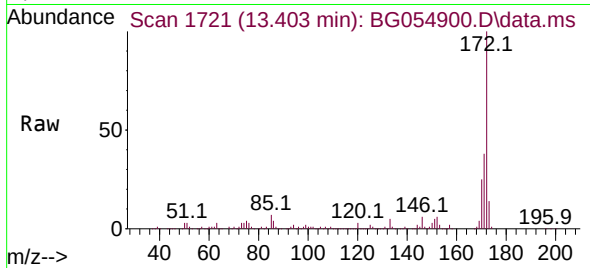
Tgt Ion:196 Resp: 106885
Ion Ratio Lower Upper
196 100
198 95.3 76.7 115.1
97 41.6 36.6 55.0
132 24.6 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 84.827 ng
RT: 13.403 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

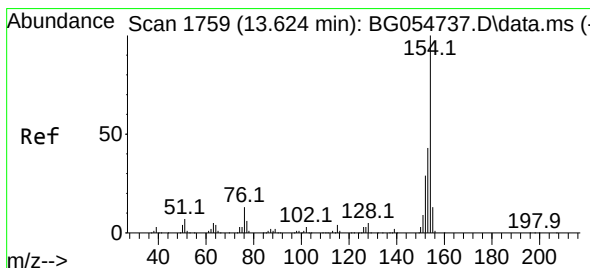
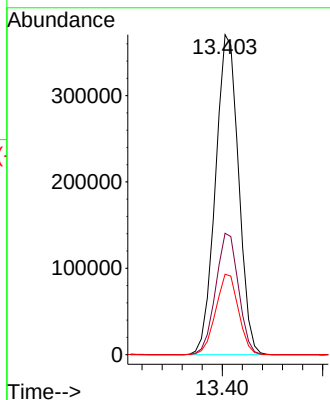
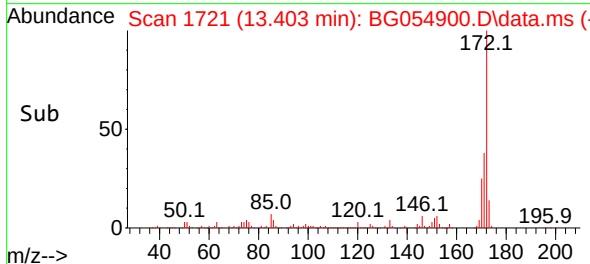
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



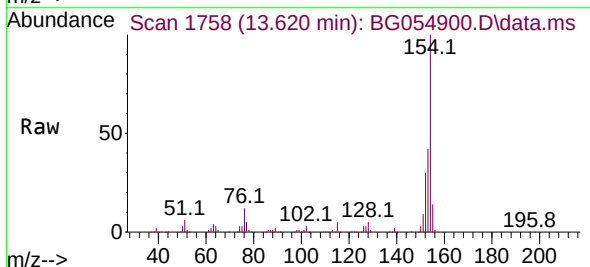
Tgt Ion:172 Resp: 592522
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.1 20.6 30.8

Manual Integrations
APPROVED

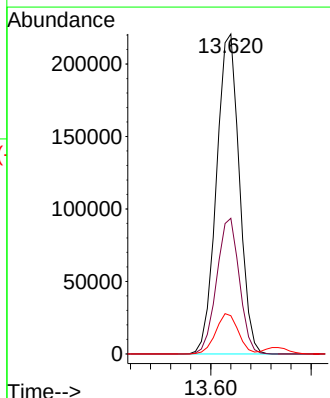
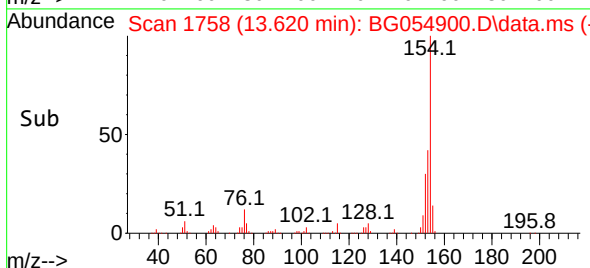
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

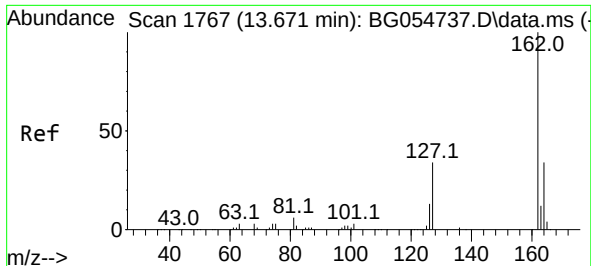


#46
1,1'-Biphenyl
Concen: 44.750 ng
RT: 13.620 min Scan# 1758
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



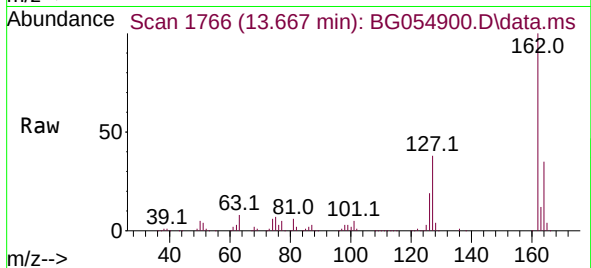
Tgt Ion:154 Resp: 348891
Ion Ratio Lower Upper
154 100
153 42.4 22.2 62.2
76 11.9 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.745 ng
RT: 13.667 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

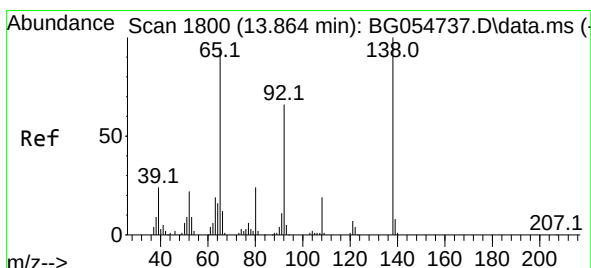
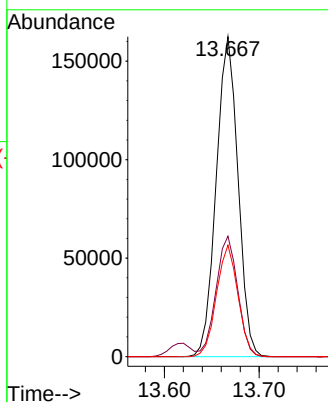
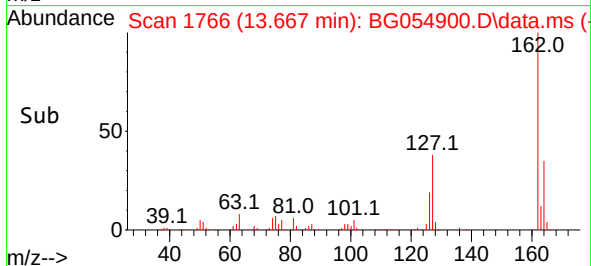
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:162 Resp: 259012
Ion Ratio Lower Upper
162 100
127 37.6 31.5 47.3
164 34.8 27.8 41.6

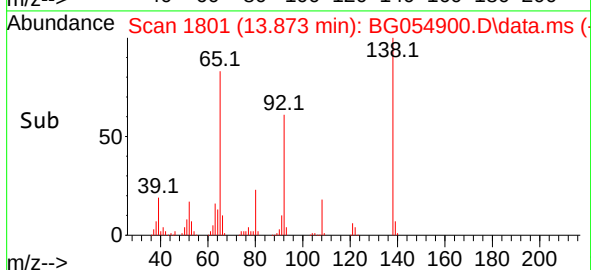
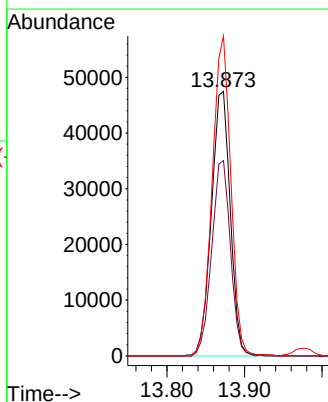
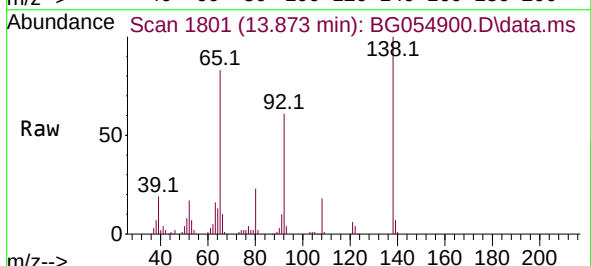
Manual Integrations
APPROVED

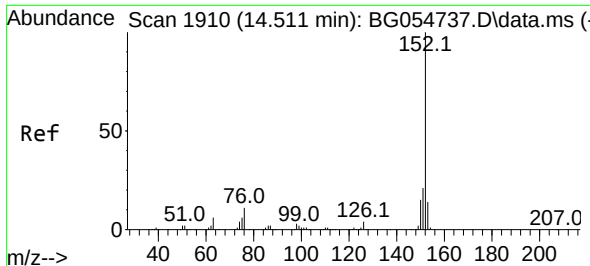
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#48
2-Nitroaniline
Concen: 43.331 ng
RT: 13.873 min Scan# 1801
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

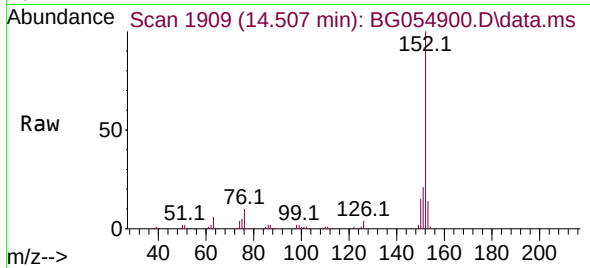
Tgt Ion: 65 Resp: 80406
Ion Ratio Lower Upper
65 100
92 73.9 54.7 82.1
138 121.0 84.1 126.1





#49
Acenaphthylene
Concen: 45.096 ng
RT: 14.507 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

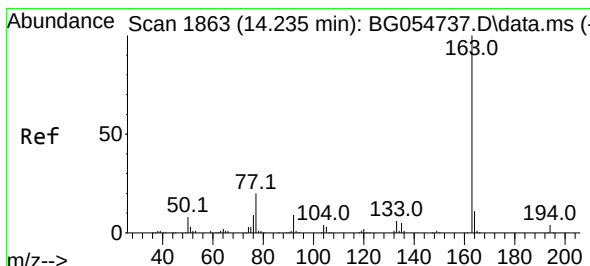
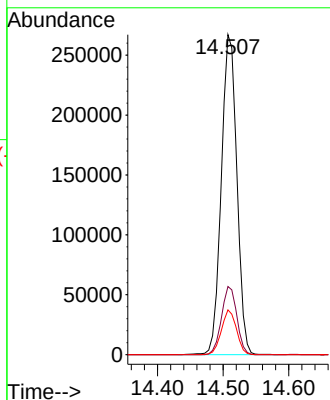
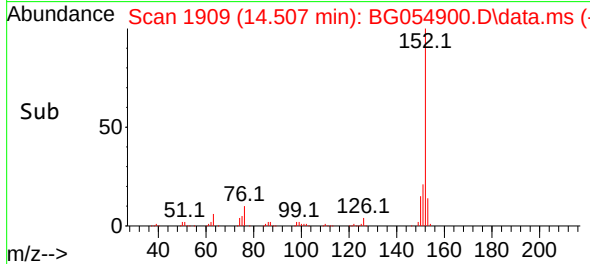
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



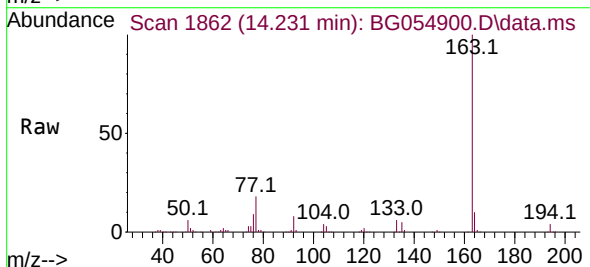
Tgt Ion:152 Resp: 440622
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 14.0 10.8 16.2

Manual Integrations
APPROVED

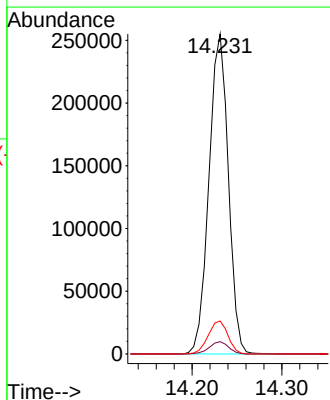
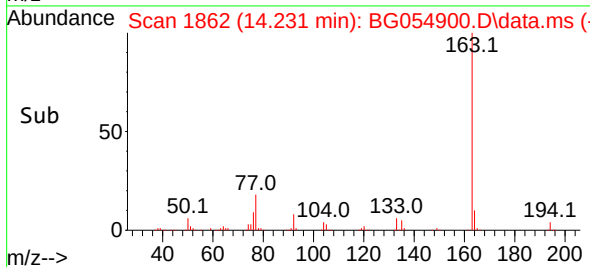
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

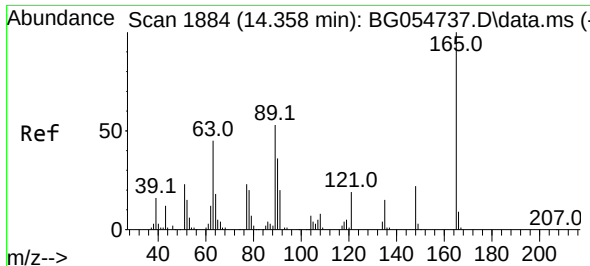


#50
Dimethylphthalate
Concen: 47.190 ng
RT: 14.231 min Scan# 1862
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



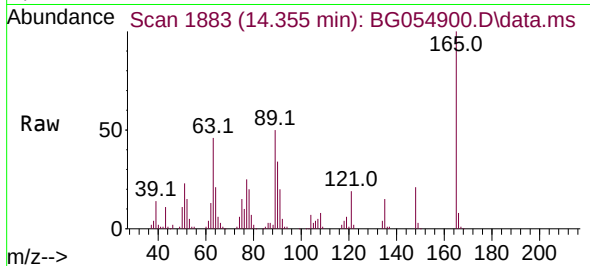
Tgt Ion:163 Resp: 381689
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.004 ng
RT: 14.355 min Scan# 1884
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

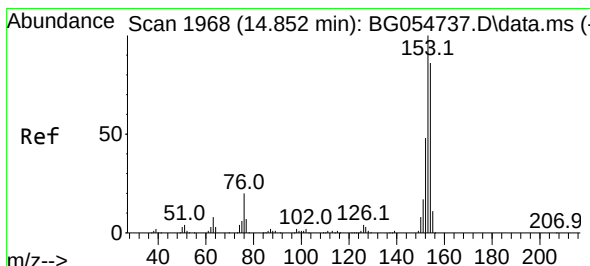
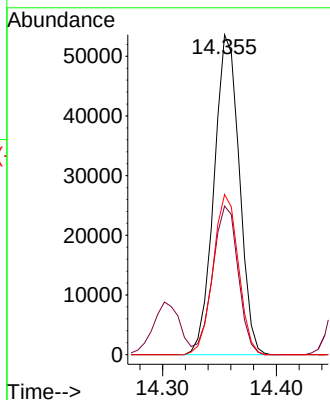
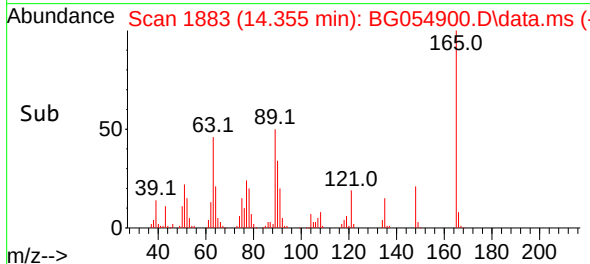
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:165 Resp: 82720
Ion Ratio Lower Upper
165 100
63 46.4 46.0 69.0
89 50.0 50.3 75.5

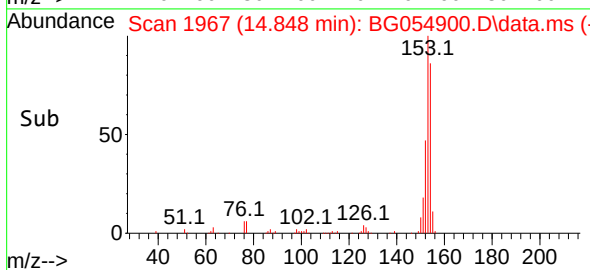
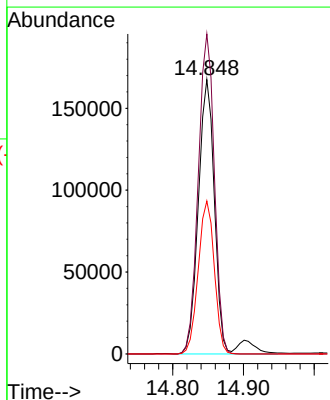
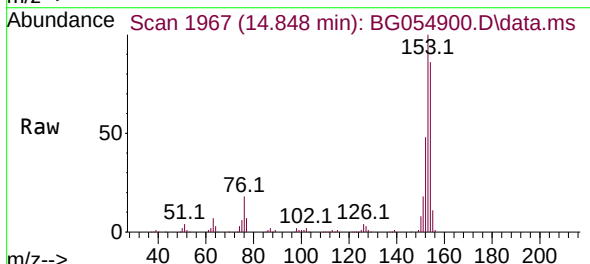
Manual Integrations
APPROVED

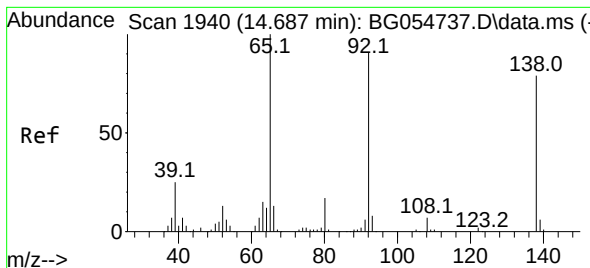
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#52
Acenaphthene
Concen: 44.135 ng m
RT: 14.848 min Scan# 1967
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

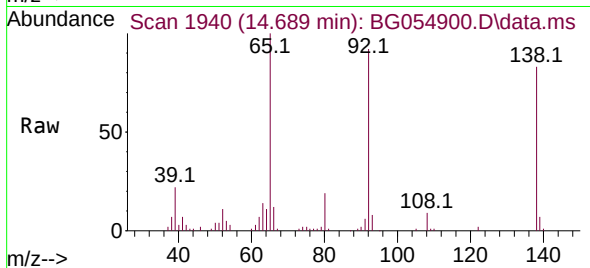
Tgt Ion:154 Resp: 277000
Ion Ratio Lower Upper
154 100
153 116.7 92.8 139.2
152 55.7 45.4 68.2





#53
3-Nitroaniline
Concen: 27.017 ng
RT: 14.689 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

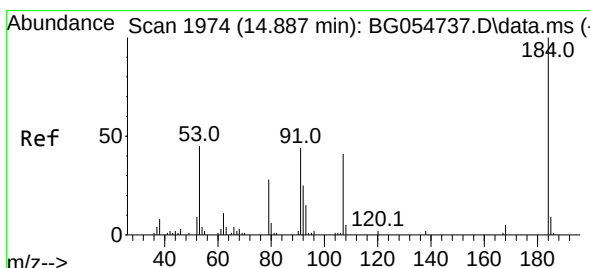
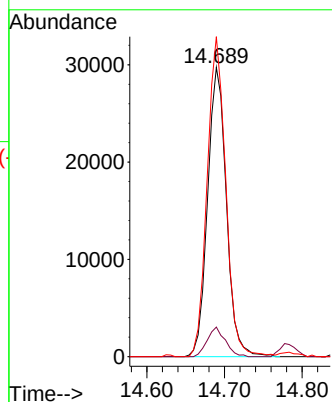
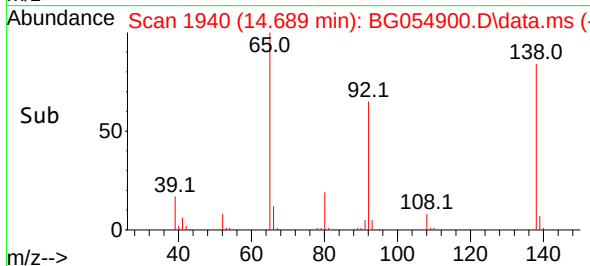
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



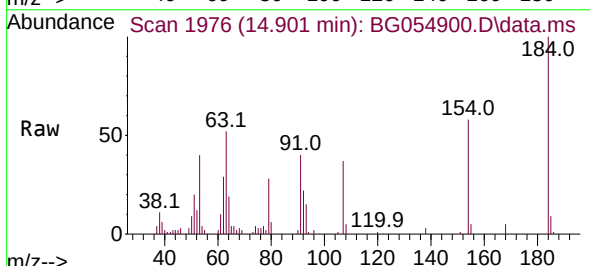
Tgt Ion:138 Resp: 50035
Ion Ratio Lower Upper
138 100
108 10.2 7.6 11.4
92 110.6 96.0 144.0

Manual Integrations
APPROVED

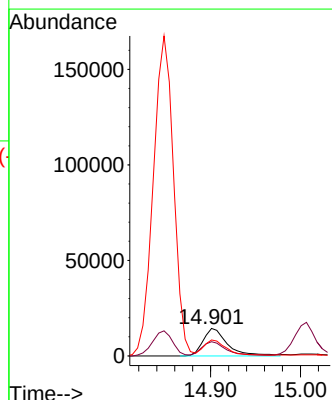
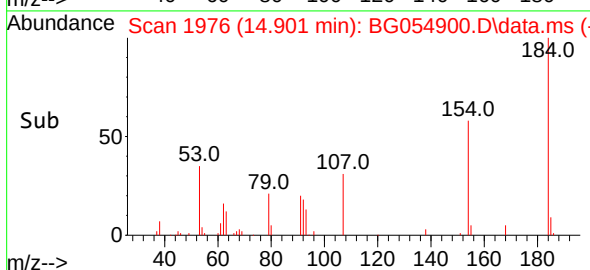
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

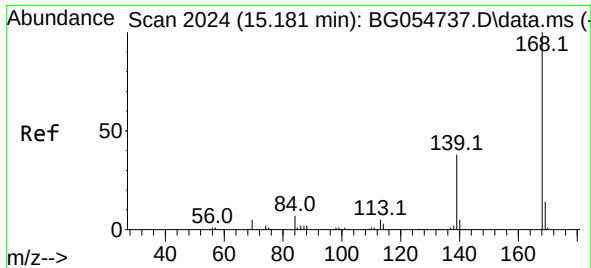


#54
2,4-Dinitrophenol
Concen: 33.342 ng
RT: 14.901 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



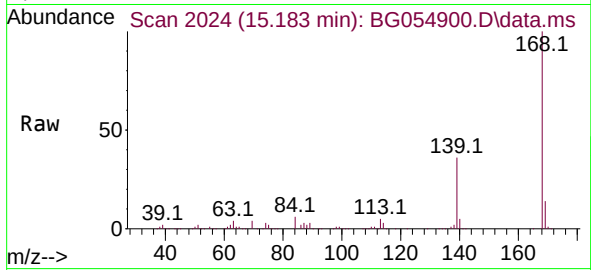
Tgt Ion:184 Resp: 27148
Ion Ratio Lower Upper
184 100
63 51.7 41.8 62.8
154 58.2 45.2 67.8





#55
Dibenzofuran
Concen: 46.206 ng
RT: 15.183 min Scan# 2024
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

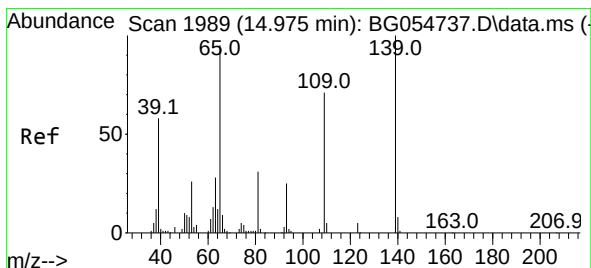
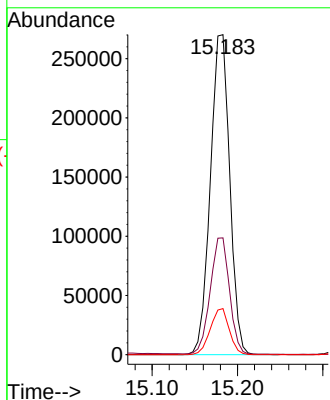
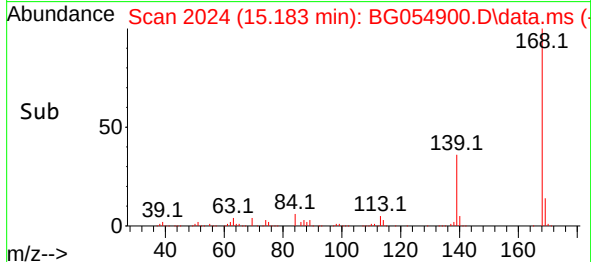
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



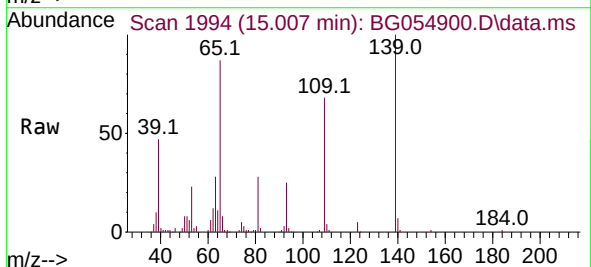
Tgt Ion:168 Resp: 426137
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 14.4 11.3 16.9

Manual Integrations
APPROVED

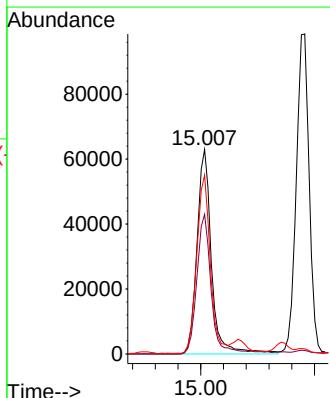
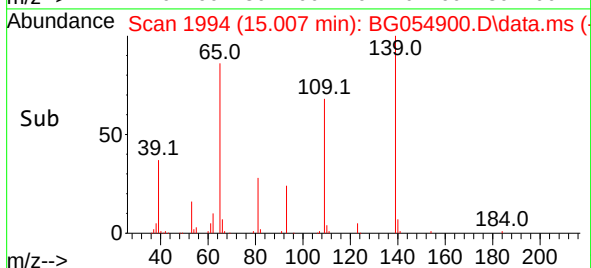
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

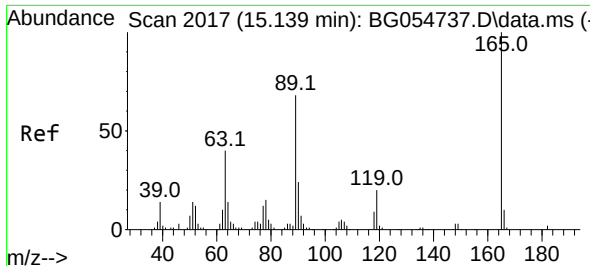


#56
4-Nitrophenol
Concen: 77.412 ng
RT: 15.007 min Scan# 1994
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



Tgt Ion:139 Resp: 110946
Ion Ratio Lower Upper
139 100
109 68.3 50.5 90.5
65 87.5 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 51.611 ng
RT: 15.142 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

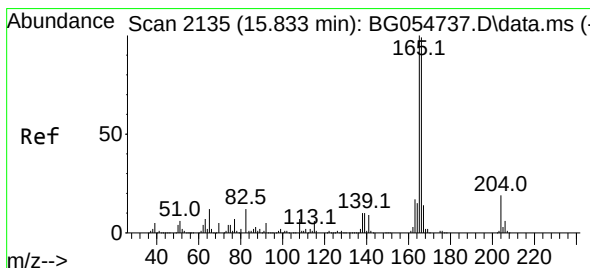
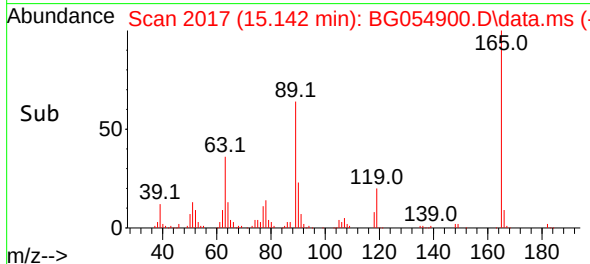
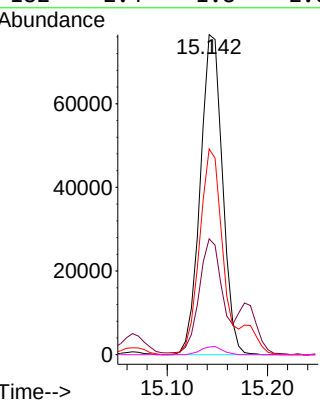
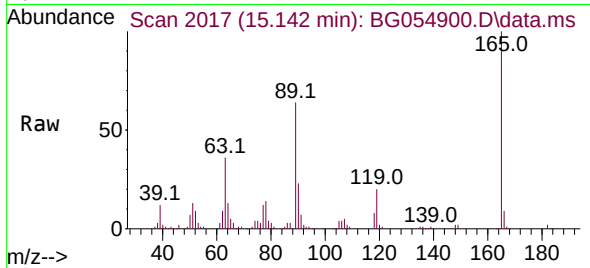
PIT-10MSD

Tgt Ion:165 Resp: 118102
Ion Ratio Lower Upper
165 100
63 36.2 36.8 55.2
89 64.3 64.3 96.5
182 2.4 1.8 2.6

Manual Integrations

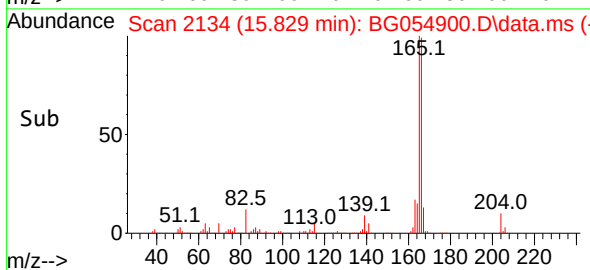
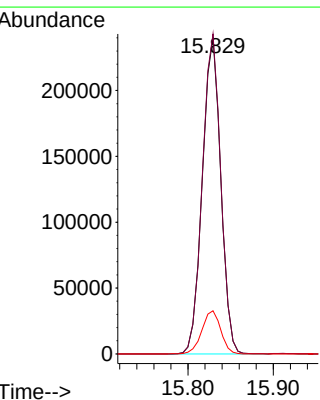
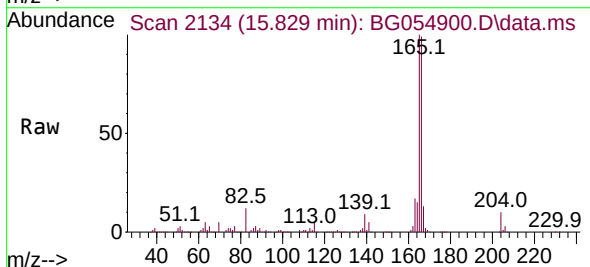
APPROVED

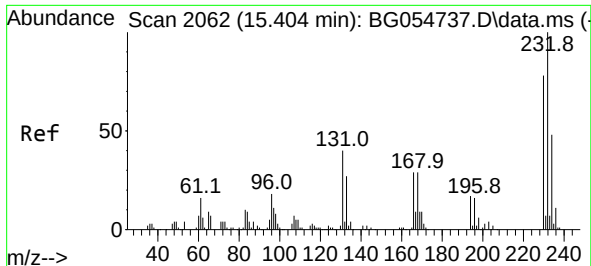
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#58
Fluorene
Concen: 46.353 ng
RT: 15.829 min Scan# 2134
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion:166 Resp: 360127
Ion Ratio Lower Upper
166 100
165 101.1 80.8 121.2
167 13.6 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.338 ng
RT: 15.406 min Scan# 2062
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

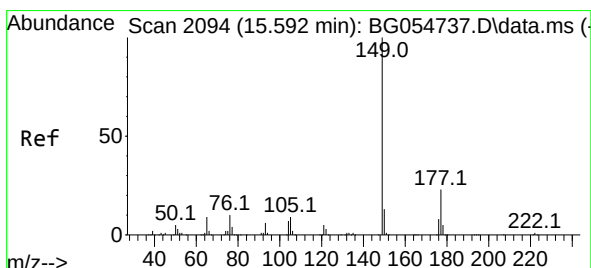
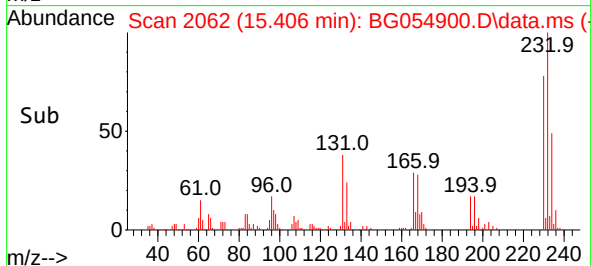
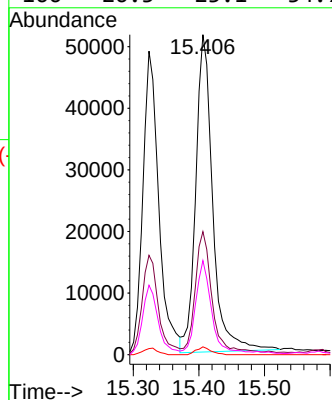
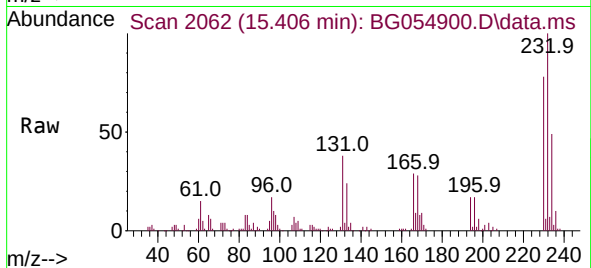
PIT-10MSD

Tgt Ion:232 Resp: 9216
Ion Ratio Lower Upper
232 100
131 37.0 31.3 46.9
130 2.1 1.8 2.6
166 26.3 23.1 34.7

Manual Integrations

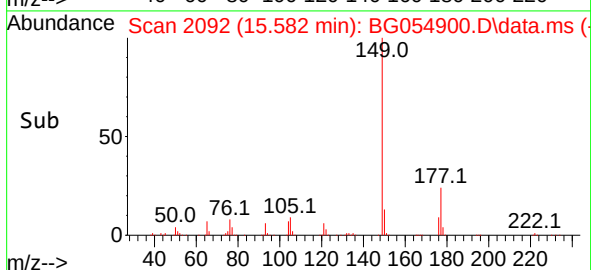
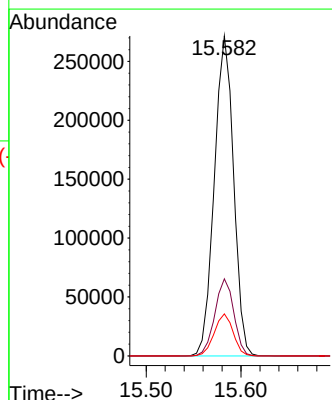
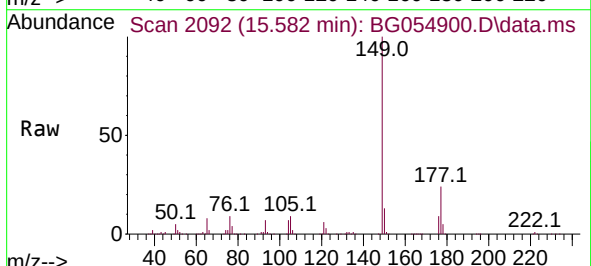
APPROVED

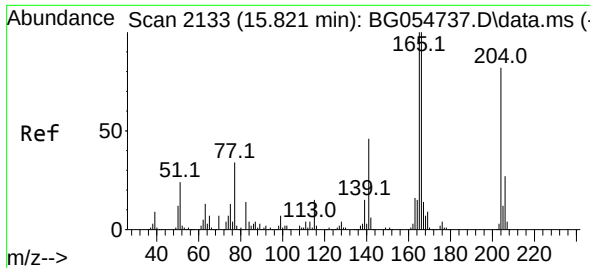
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#60
Diethylphthalate
Concen: 47.454 ng
RT: 15.582 min Scan# 2092
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

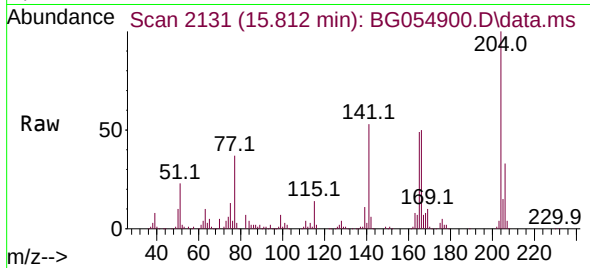
Tgt Ion:149 Resp: 383273
Ion Ratio Lower Upper
149 100
177 24.1 17.8 26.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.105 ng
RT: 15.812 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

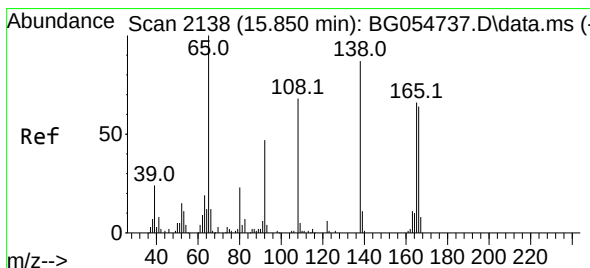
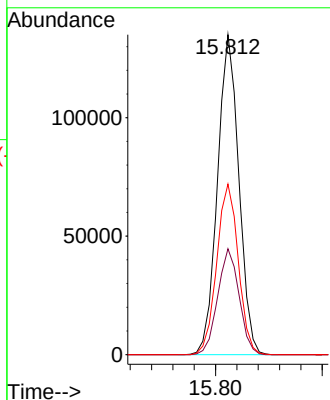
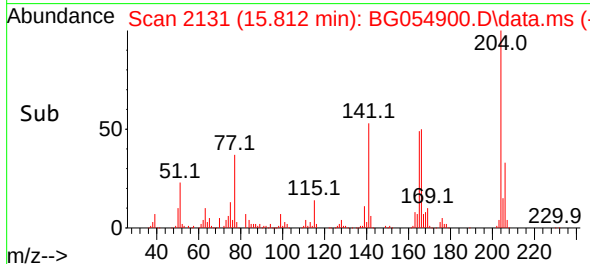
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:204 Resp: 188206
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 53.3 44.9 67.3

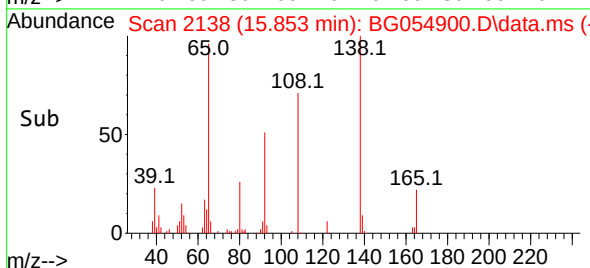
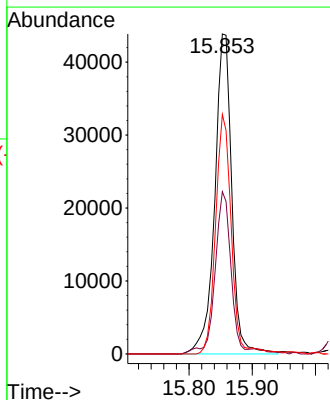
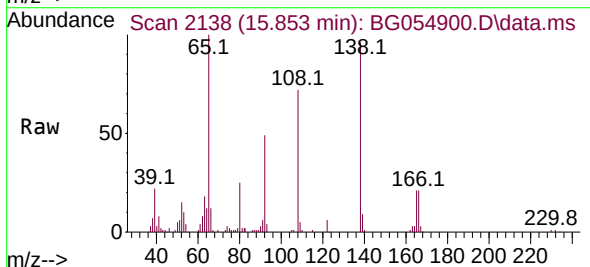
Manual Integrations
APPROVED

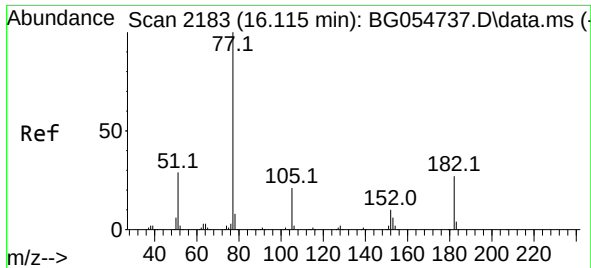
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#62
4-Nitroaniline
Concen: 43.331 ng
RT: 15.853 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion:138 Resp: 81932
Ion Ratio Lower Upper
138 100
92 50.7 34.7 74.7
108 74.8 56.2 96.2





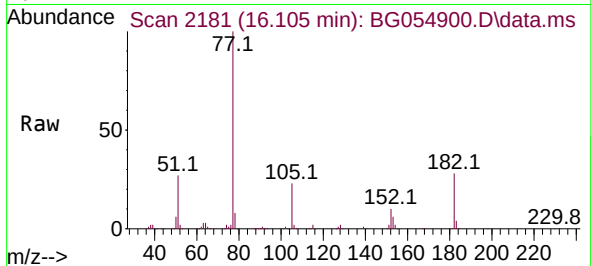
#63
Azobenzene
Concen: 41.573 ng
RT: 16.105 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :

BNA_G

ClientSampleId :

PIT-10MSD

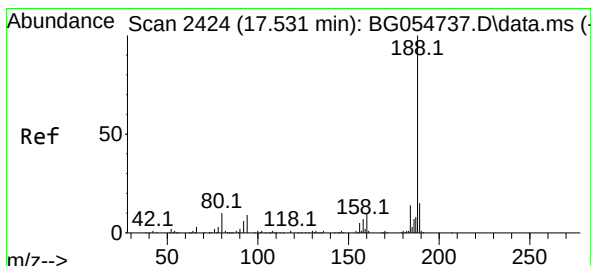
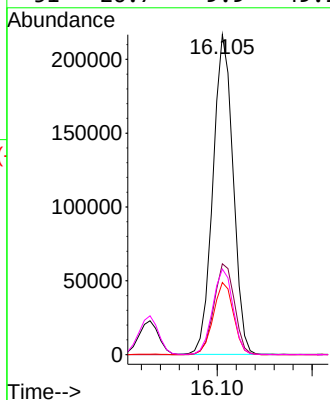
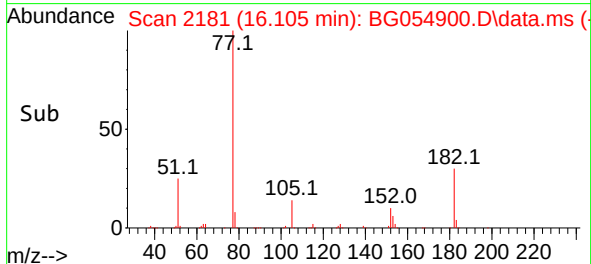


Tgt Ion: 77 Resp: 319107
Ion Ratio Lower Upper
77 100
182 28.4 5.1 45.1
105 22.5 0.7 40.7
51 26.7 9.9 49.9

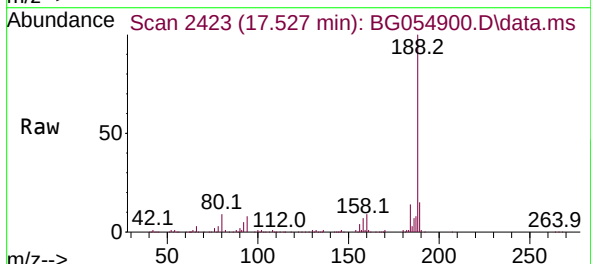
Manual Integrations

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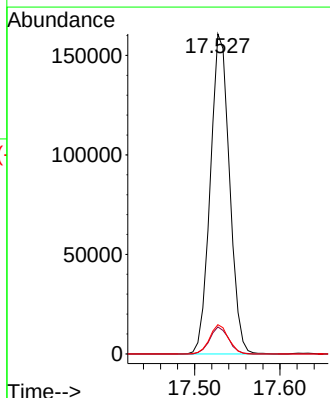
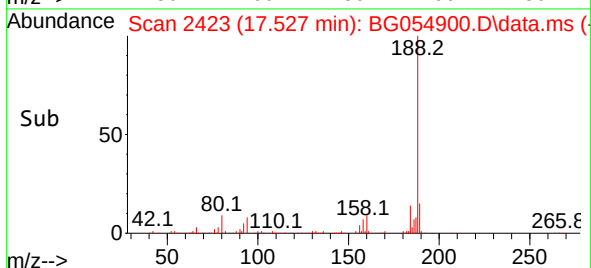
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

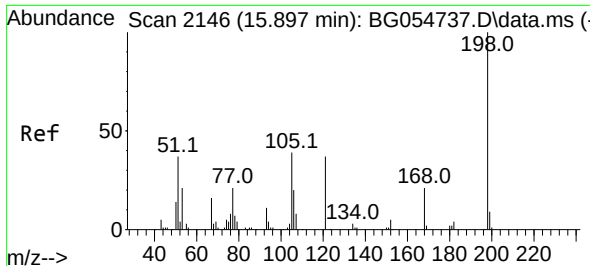


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



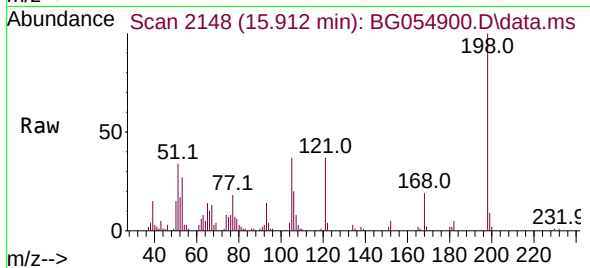
Tgt Ion:188 Resp: 251278
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 27.977 ng
RT: 15.912 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

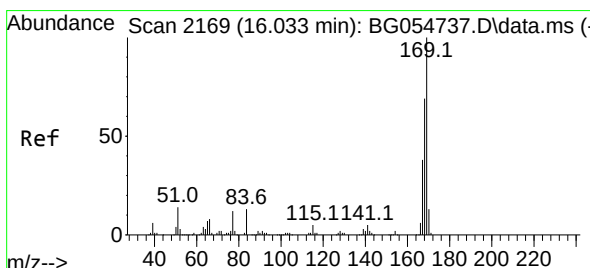
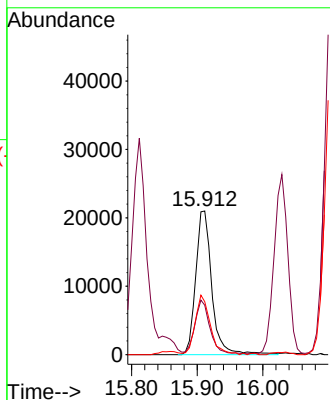
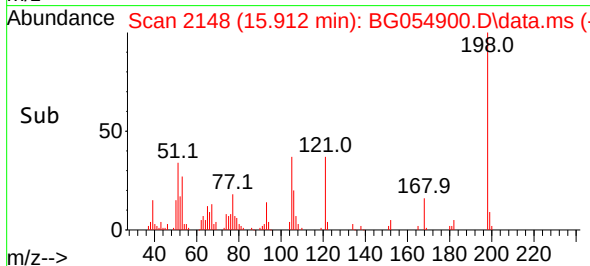
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



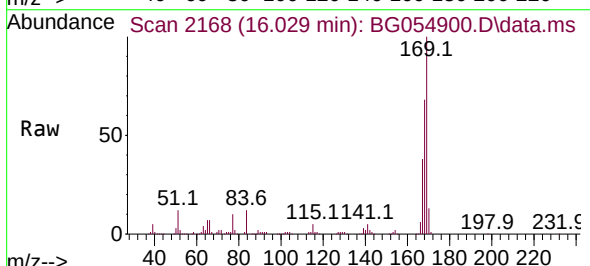
Tgt Ion:198 Resp: 35785
Ion Ratio Lower Upper
198 100
51 34.4 19.9 59.9
105 36.8 20.3 60.3

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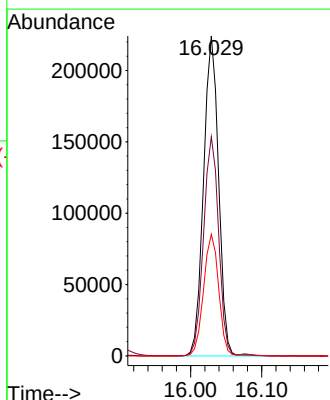
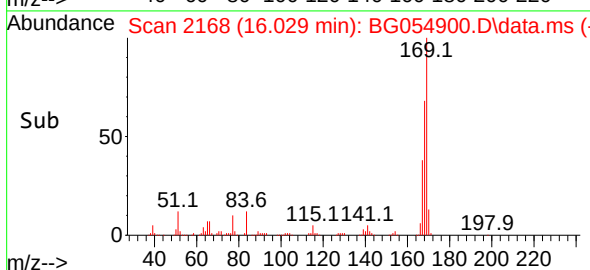
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

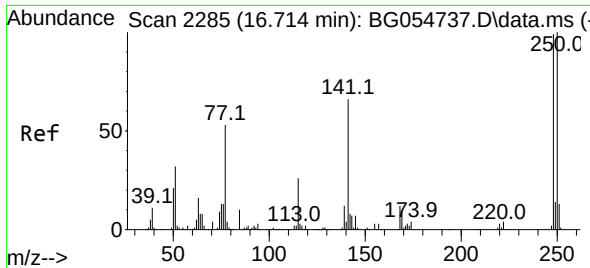


#66
n-Nitrosodiphenylamine
Concen: 45.098 ng
RT: 16.029 min Scan# 2168
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



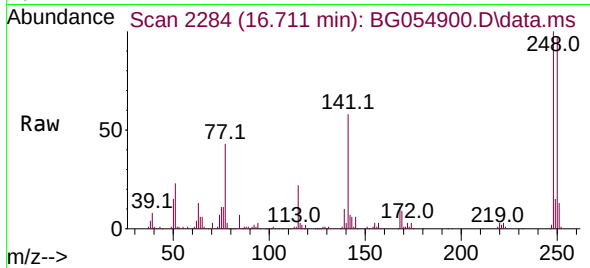
Tgt Ion:169 Resp: 326802
Ion Ratio Lower Upper
169 100
168 68.5 55.6 83.4
167 38.0 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 48.897 ng
RT: 16.711 min Scan# 211
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

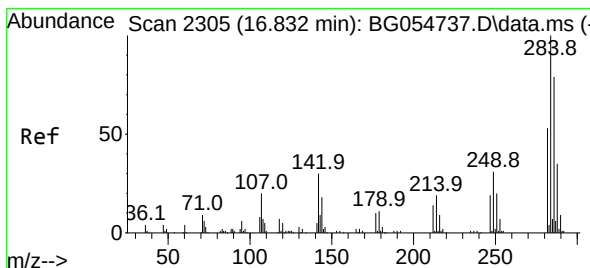
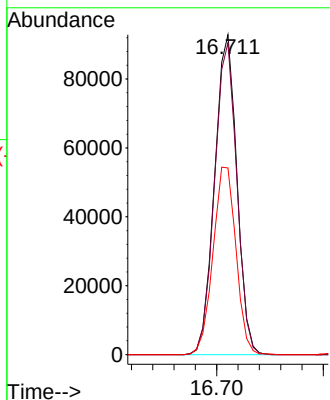
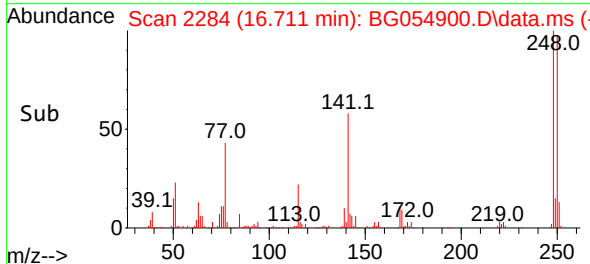
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



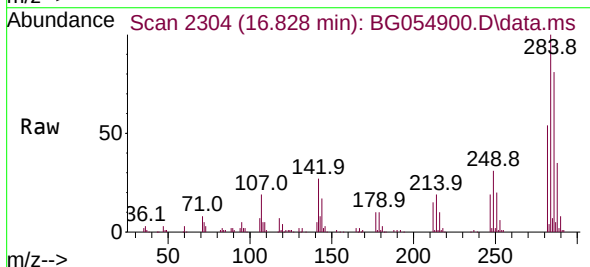
Tgt Ion:248 Resp: 134899
Ion Ratio Lower Upper
248 100
250 97.4 78.8 118.2
141 58.3 51.9 77.9

Manual Integrations
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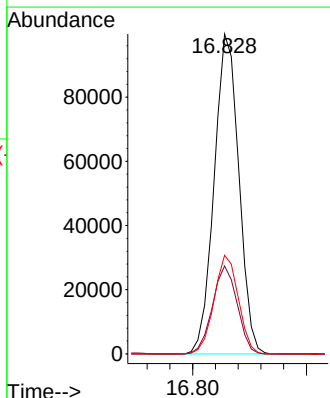
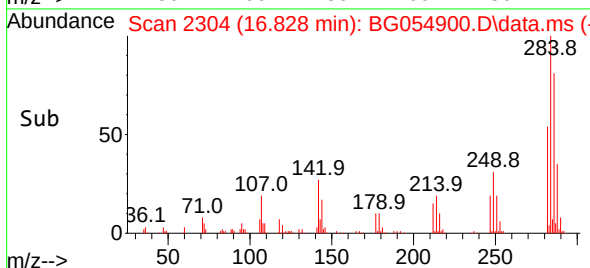
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

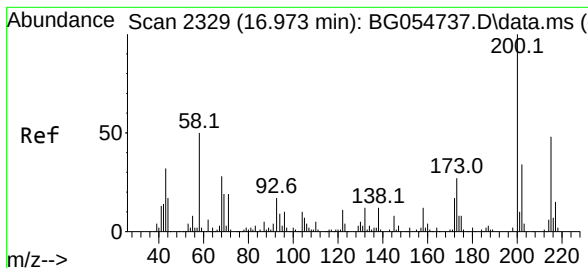


#68
Hexachlorobenzene
Concen: 48.316 ng
RT: 16.828 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



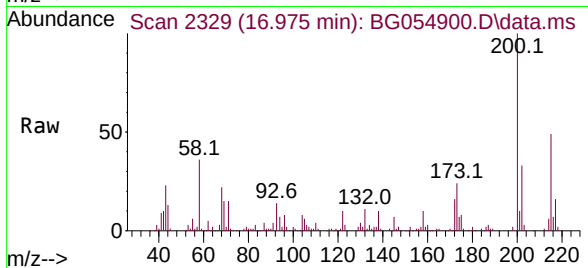
Tgt Ion:284 Resp: 149845
Ion Ratio Lower Upper
284 100
142 27.5 25.0 37.6
249 30.8 24.5 36.7





#69
 Atrazine
 Concen: 49.170 ng
 RT: 16.975 min Scan# 2329
 Delta R.T. 0.004 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

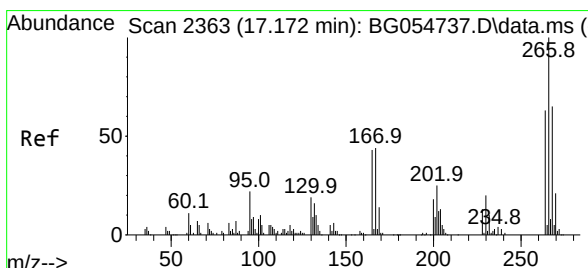
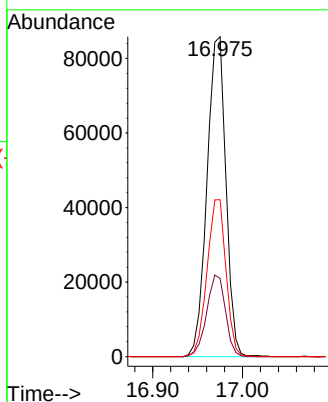
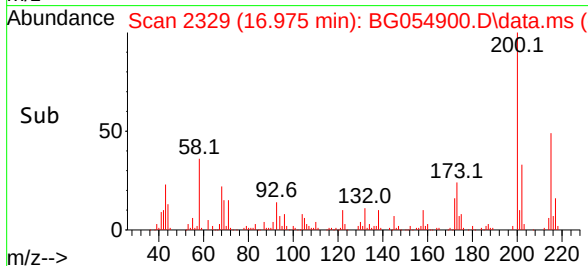
Instrument :
 BNA_G
 ClientSampleId :
 PIT-10MSD



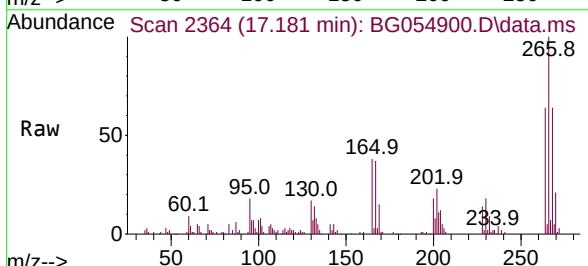
Tgt Ion:200 Resp: 125700
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.6 45.6
 215 49.0 28.2 68.2

Manual Integrations
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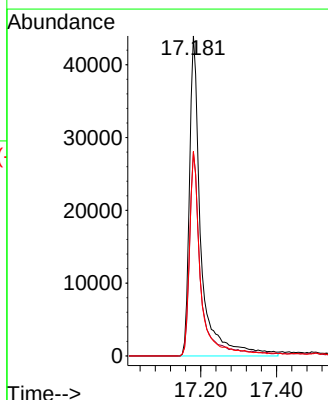
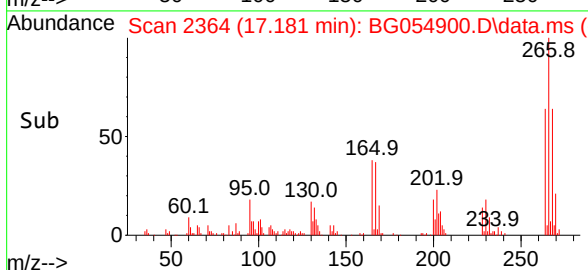
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022

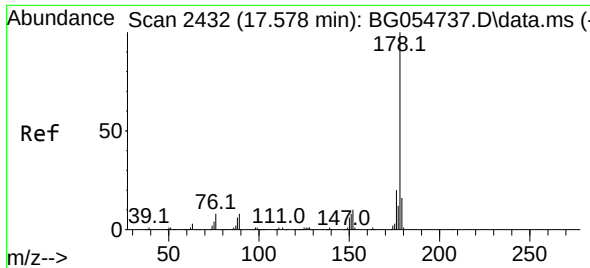


#70
 Pentachlorophenol
 Concen: 54.998 ng
 RT: 17.181 min Scan# 2364
 Delta R.T. -0.002 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00



Tgt Ion:266 Resp: 92676
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 63.9 49.4 74.0





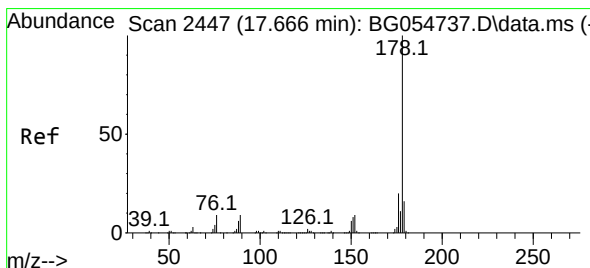
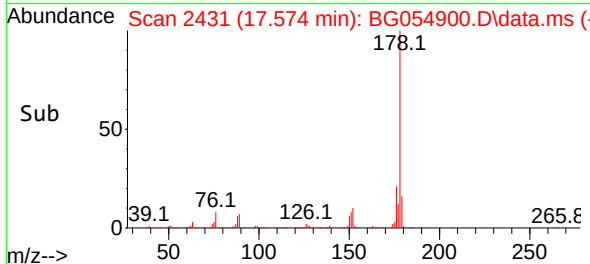
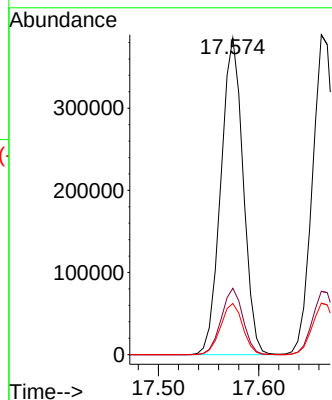
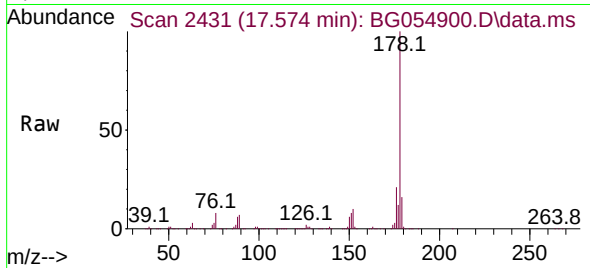
#71
Phenanthrene
Concen: 44.474 ng
RT: 17.574 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Instrument :
BNA_G
ClientSampleId :
PIT-10MSD

Tgt Ion:178 Resp: 595314
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.2 12.8 19.2

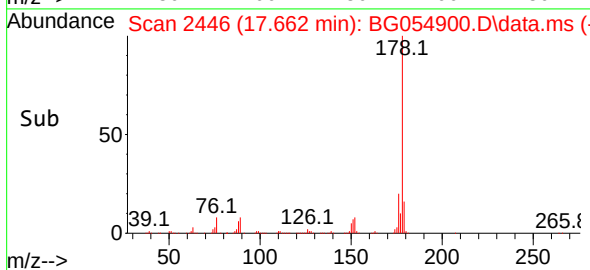
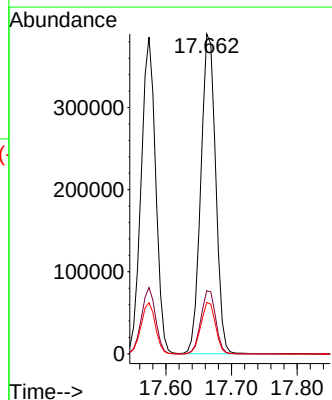
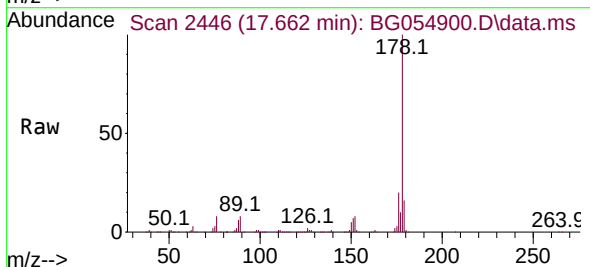
Manual Integrations
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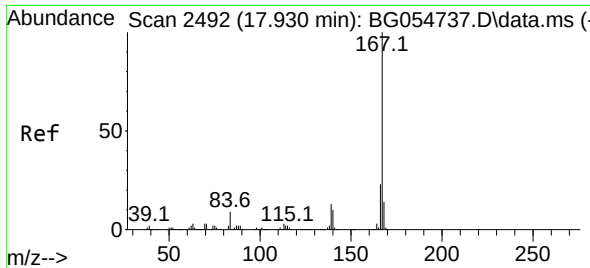
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#72
Anthracene
Concen: 46.664 ng
RT: 17.662 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

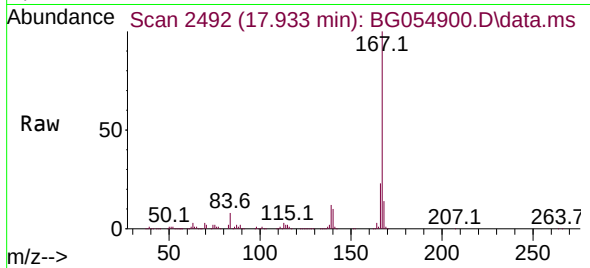
Tgt Ion:178 Resp: 607293
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 46.805 ng
 RT: 17.933 min Scan# 2492
 Delta R.T. -0.002 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

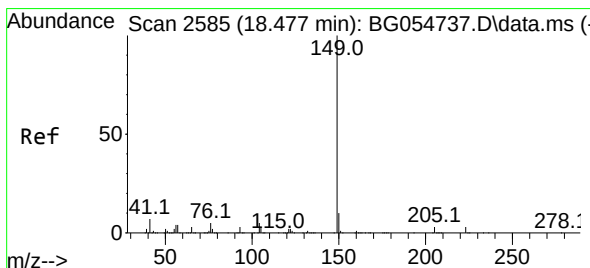
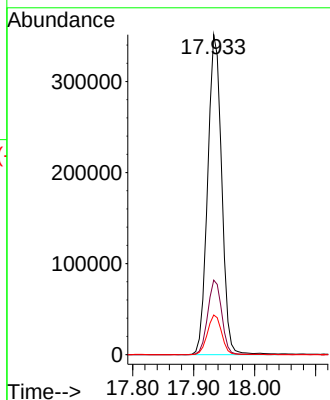
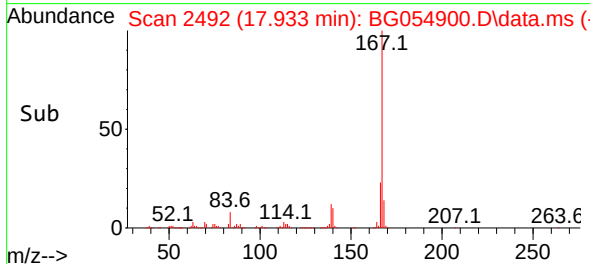
Instrument :
 BNA_G
 ClientSampleId :
 PIT-10MSD



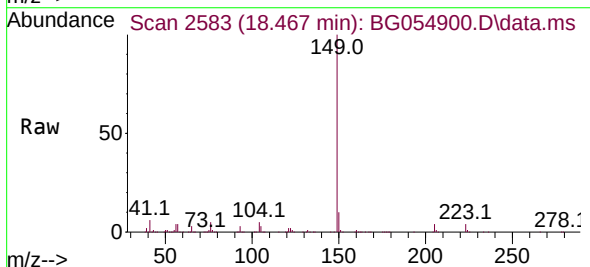
Tgt Ion:167 Resp: 561207
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.8 28.2
 139 12.4 10.2 15.4

Manual Integrations
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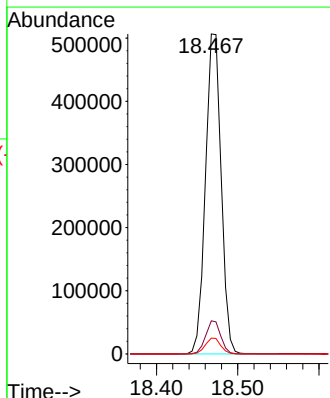
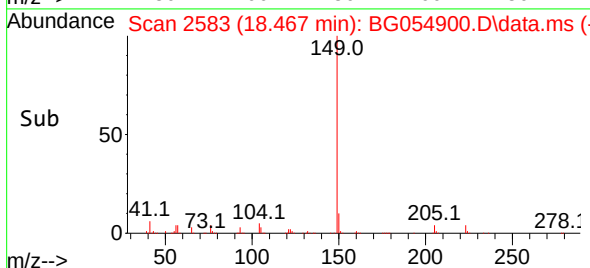
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022

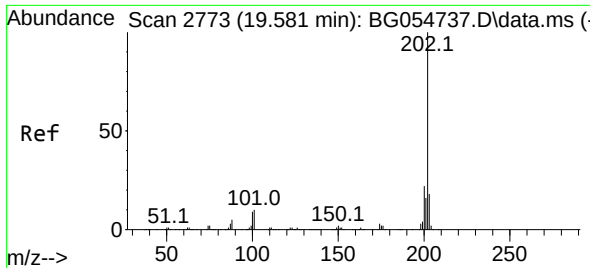


#74
 Di-n-butylphthalate
 Concen: 44.882 ng
 RT: 18.467 min Scan# 2583
 Delta R.T. -0.002 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00



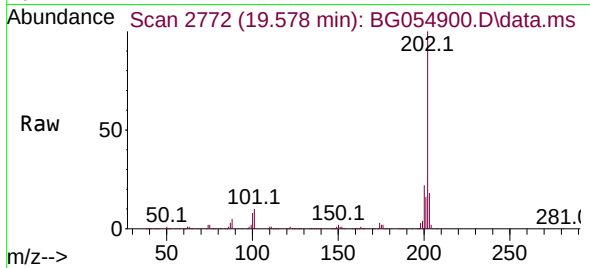
Tgt Ion:149 Resp: 680986
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.0 12.0
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 45.453 ng
RT: 19.578 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

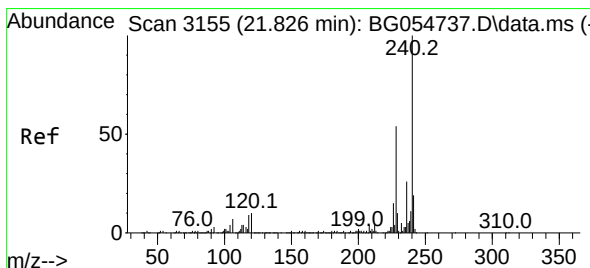
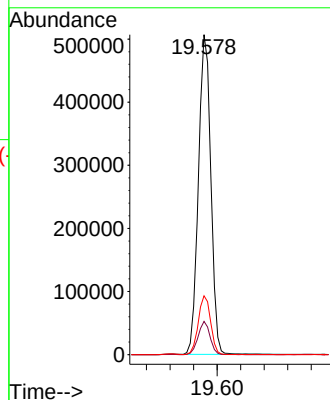
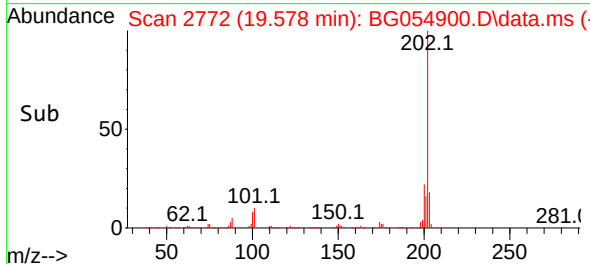
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



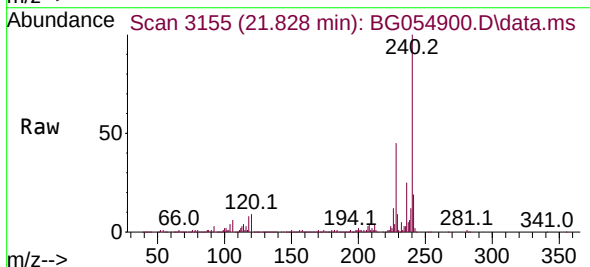
Tgt Ion:202 Resp: 74014
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.4 0.0 38.6

Manual Integrations
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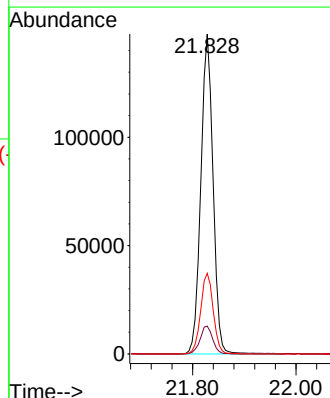
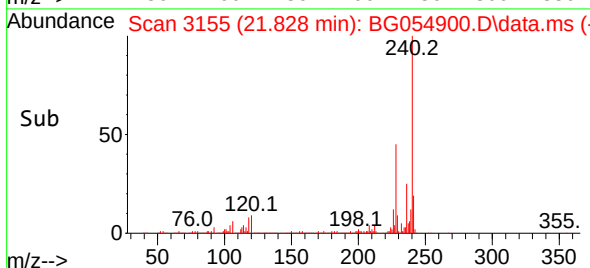
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

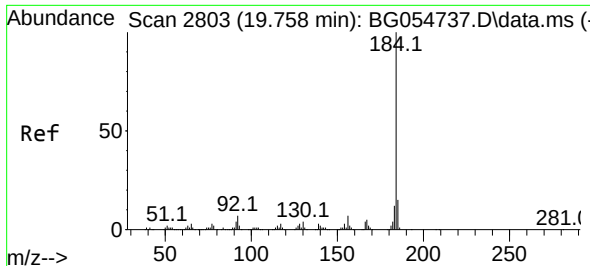


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00



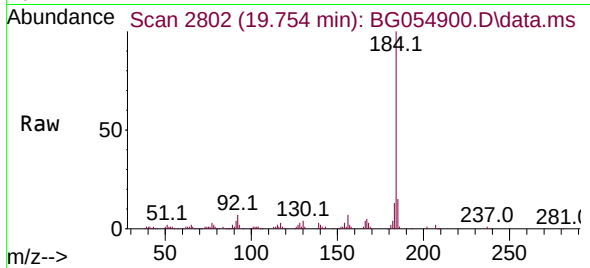
Tgt Ion:240 Resp: 241576
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 25.2 21.2 31.8





#77
Benzidine
Concen: 15.769 ng
RT: 19.754 min Scan# 2802
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

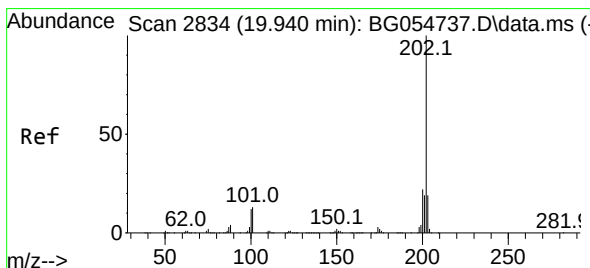
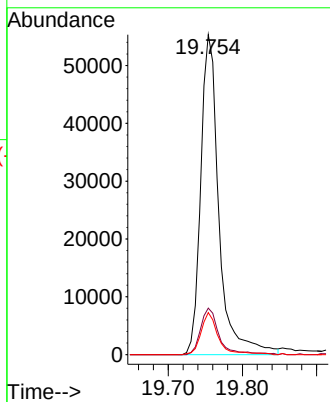
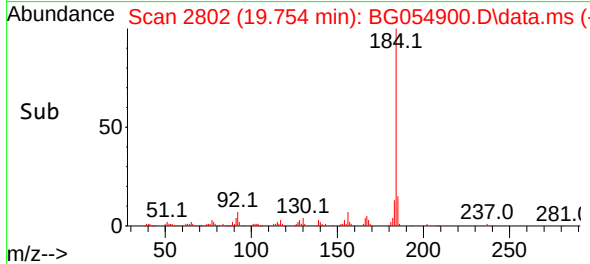
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:184 Resp: 94352
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 13.1 9.8 14.8

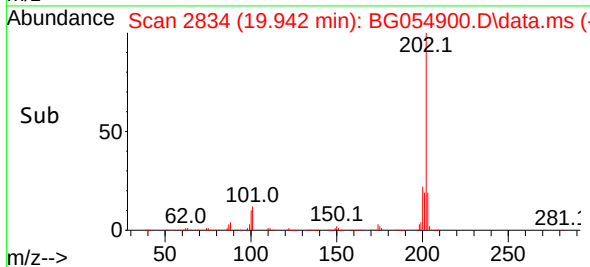
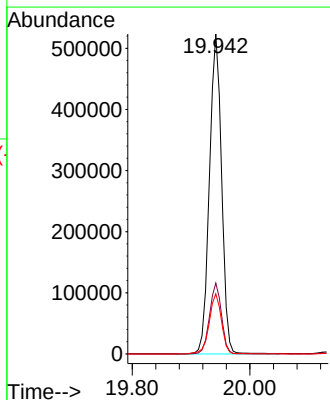
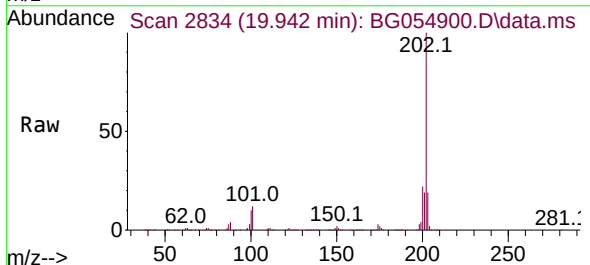
Manual Integrations
APPROVED

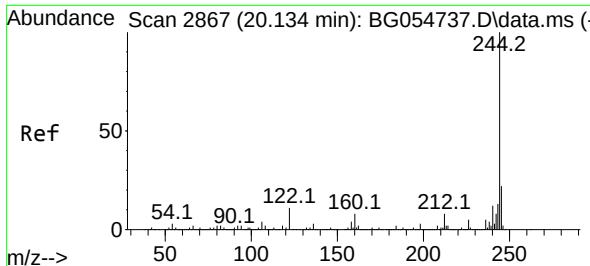
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#78
Pyrene
Concen: 44.541 ng
RT: 19.942 min Scan# 2834
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

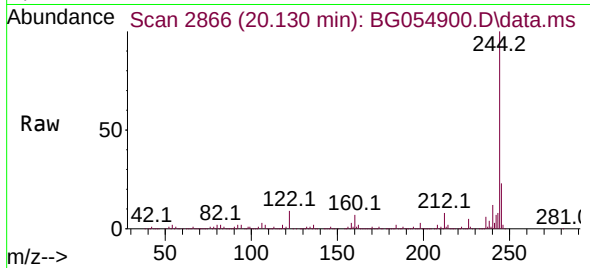
Tgt Ion:202 Resp: 750295
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 92.042 ng
 RT: 20.130 min Scan# 2867
 Delta R.T. 0.004 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

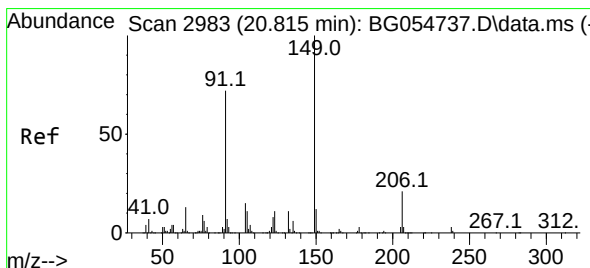
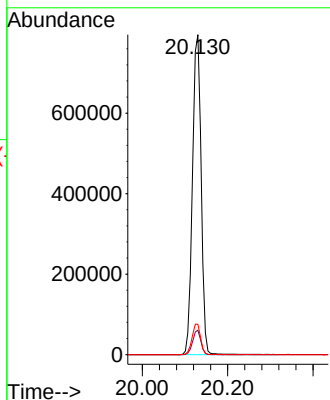
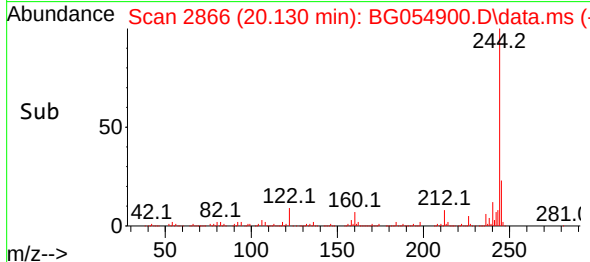
Instrument :
 BNA_G
 ClientSampleId :
 PIT-10MSD



Tgt Ion:244 Resp: 1122202
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.5 9.0 13.6

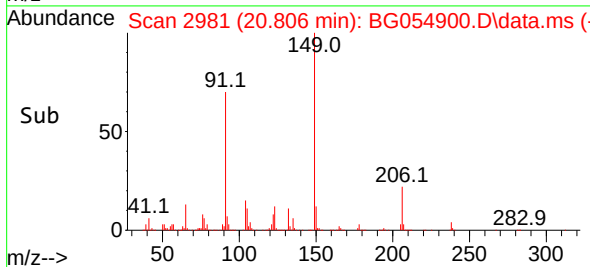
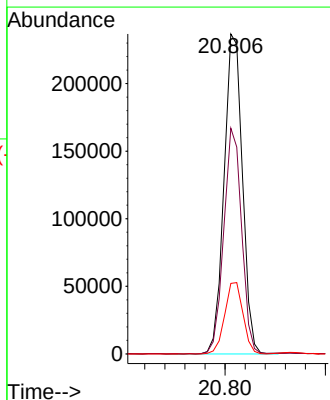
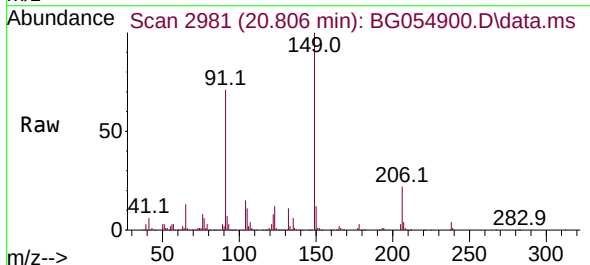
Manual Integrations
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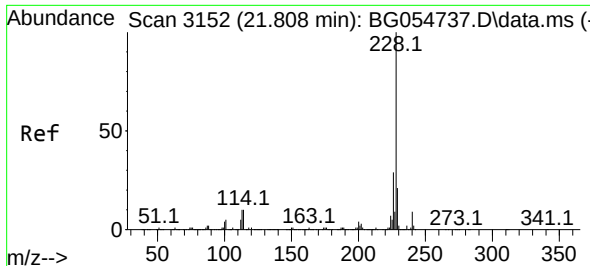
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022



#80
 Butylbenzylphthalate
 Concen: 42.844 ng
 RT: 20.806 min Scan# 2981
 Delta R.T. -0.002 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

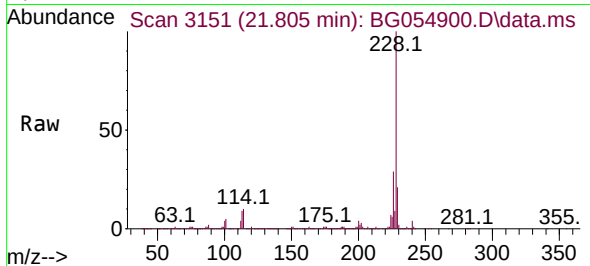
Tgt Ion:149 Resp: 301034
 Ion Ratio Lower Upper
 149 100
 91 70.5 59.5 89.3
 206 22.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.464 ng
RT: 21.805 min Scan# 3152
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

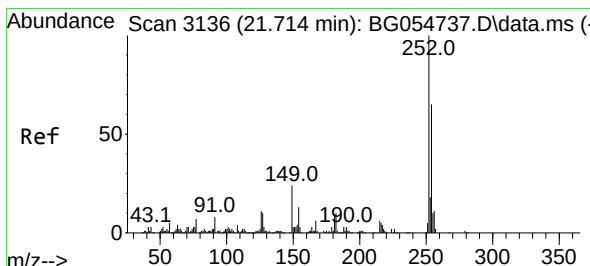
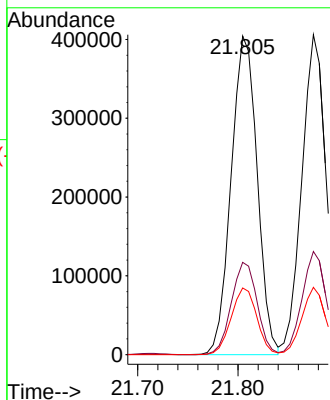
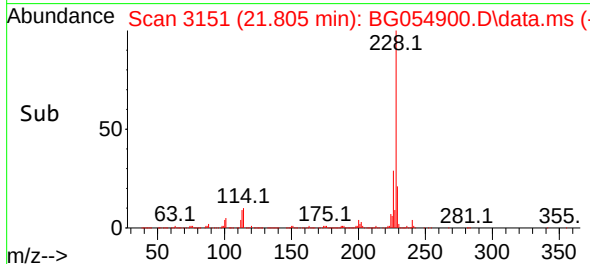
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:228 Resp: 728298
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 20.9 16.5 24.7

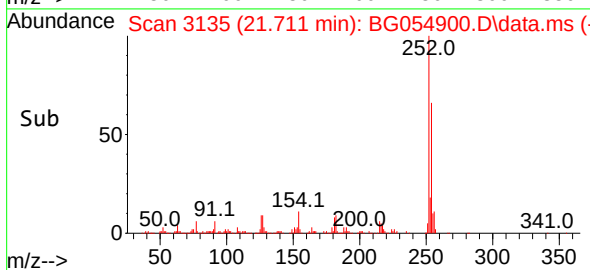
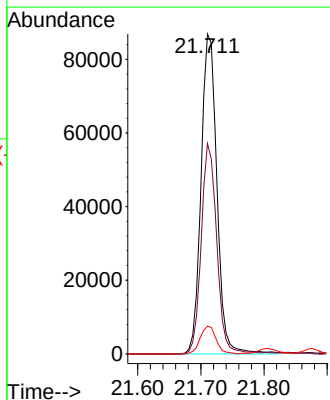
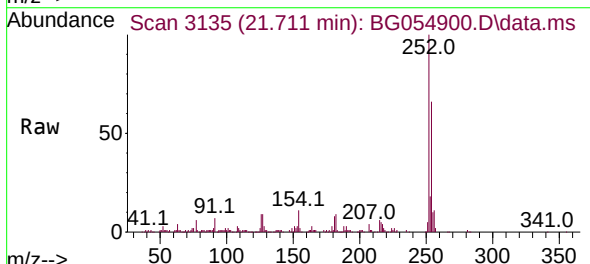
Manual Integrations
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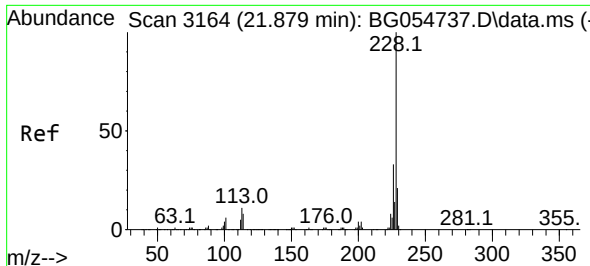
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 26.419 ng
RT: 21.711 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

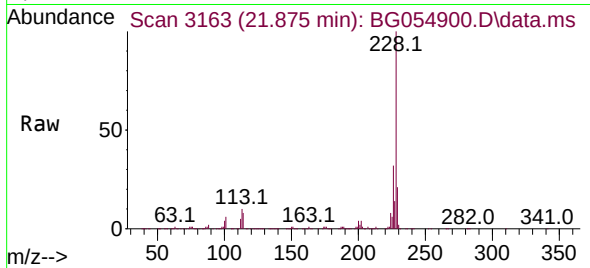
Tgt Ion:252 Resp: 151717
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 8.6 8.2 12.2





#83
Chrysene
Concen: 43.536 ng
RT: 21.875 min Scan# 3163
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

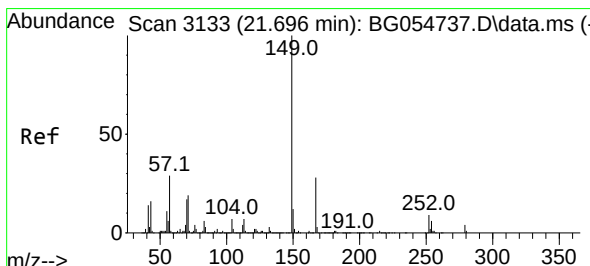
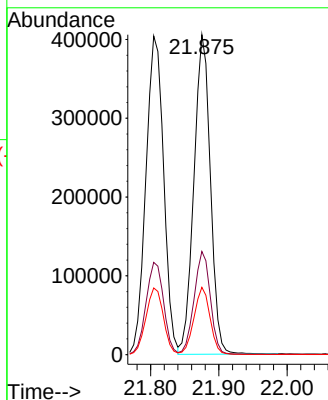
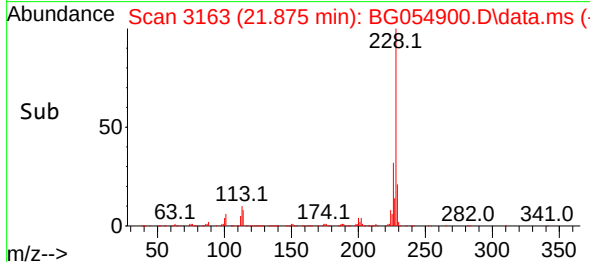
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:228 Resp: 681820
Ion Ratio Lower Upper
228 100
226 32.2 25.5 38.3
229 21.0 16.8 25.2

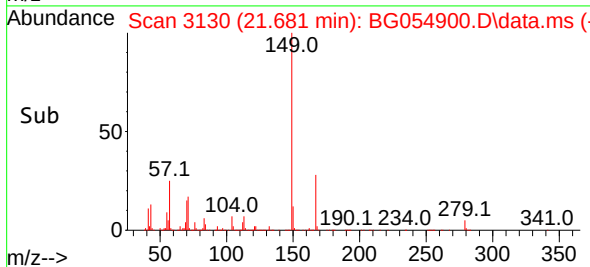
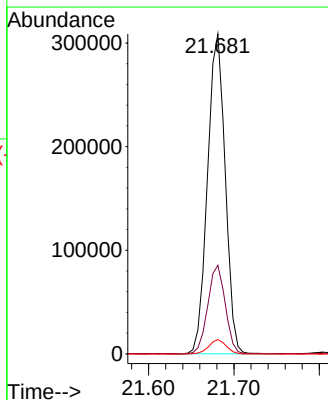
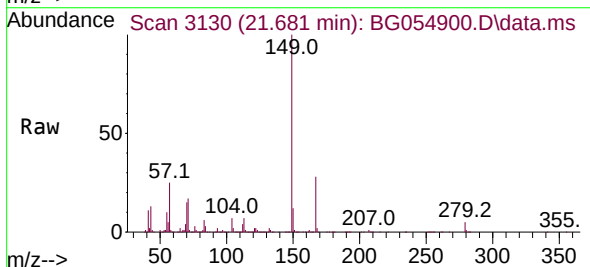
Manual Integrations
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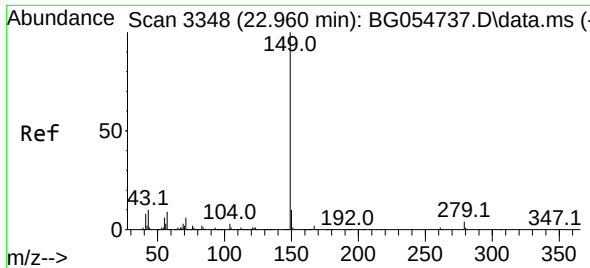
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.911 ng
RT: 21.681 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

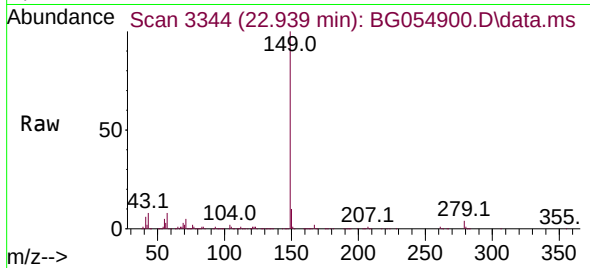
Tgt Ion:149 Resp: 444514
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.544 ng
RT: 22.939 min Scan# 3348
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

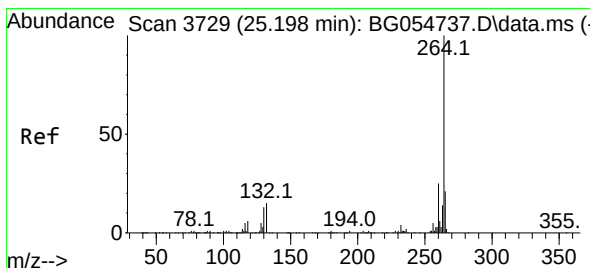
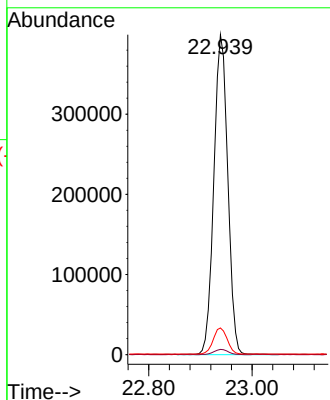
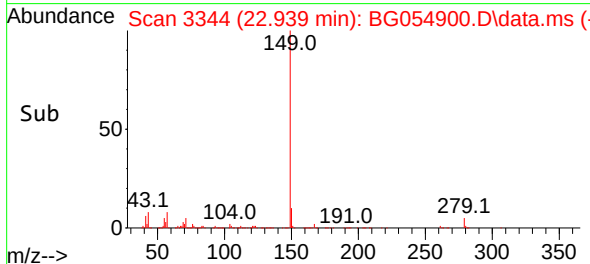
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:149 Resp: 747534
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.2 9.0 13.6

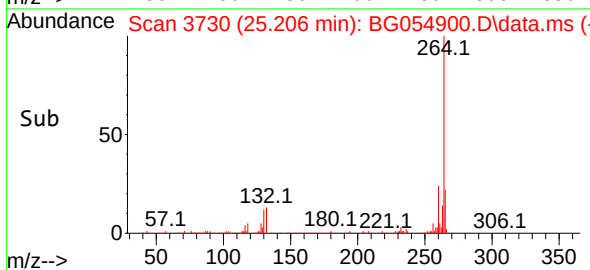
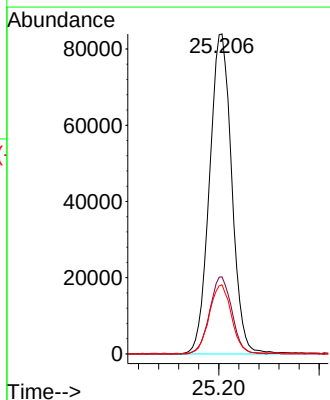
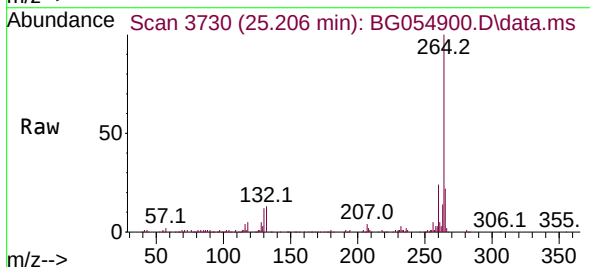
Manual Integrations
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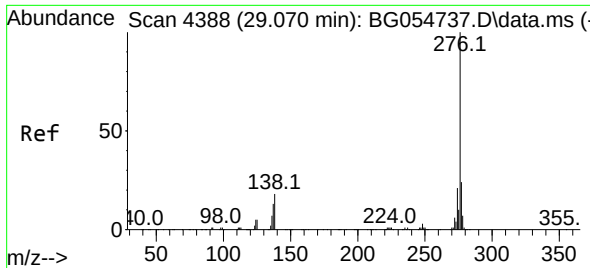
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.206 min Scan# 3730
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

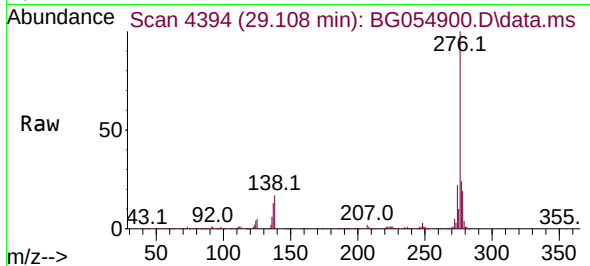
Tgt Ion:264 Resp: 257844
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 21.6 16.9 25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.272 ng
 RT: 29.108 min Scan# 4388
 Delta R.T. -0.002 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

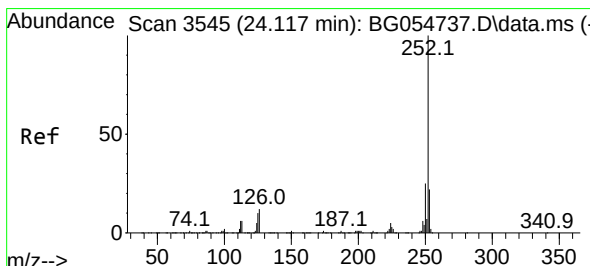
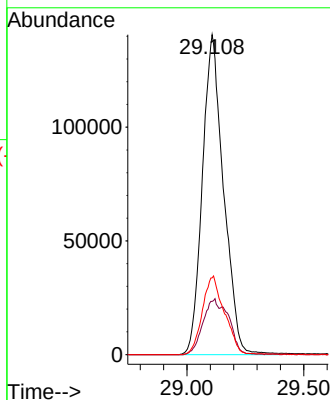
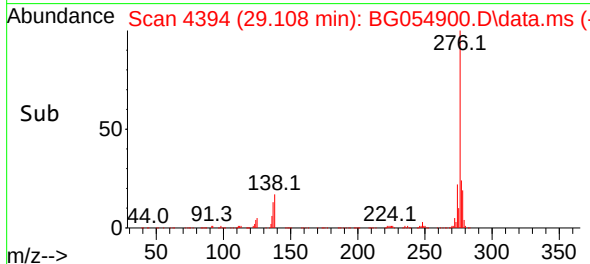
Instrument :
 BNA_G
 ClientSampleId :
 PIT-10MSD



Tgt Ion:276 Resp: 886175
 Ion Ratio Lower Upper
 276 100
 138 12.6 12.0 18.0
 277 25.5 20.2 30.4

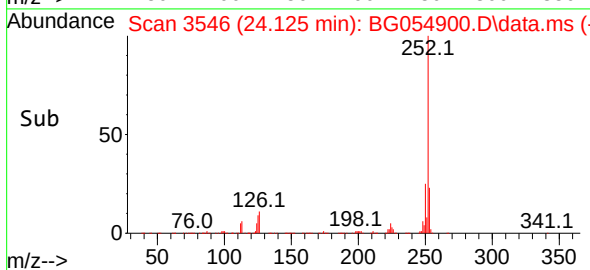
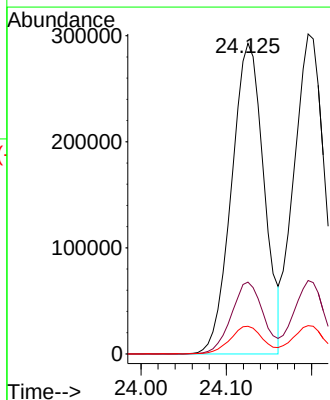
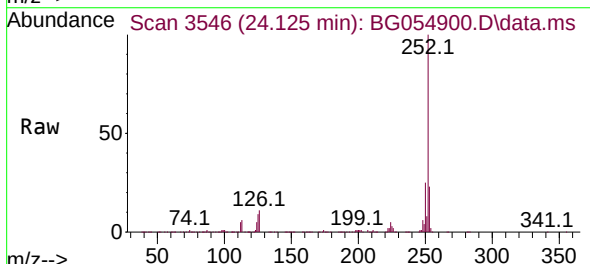
Manual Integrations
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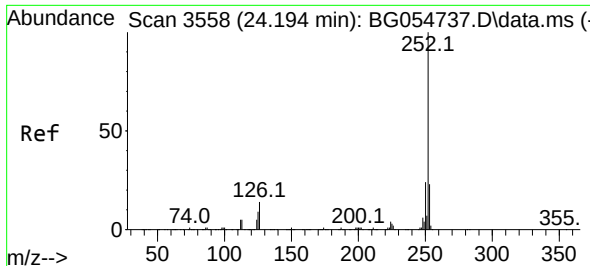
Reviewed By :Christian Giraldo 09/12/2022
 Supervised By :Jagrut Upadhyay 09/12/2022



#88
 Benzo(b)fluoranthene
 Concen: 47.864 ng
 RT: 24.125 min Scan# 3546
 Delta R.T. 0.004 min
 Lab File: BG054900.D
 Acq: 9 Sep 2022 17:00

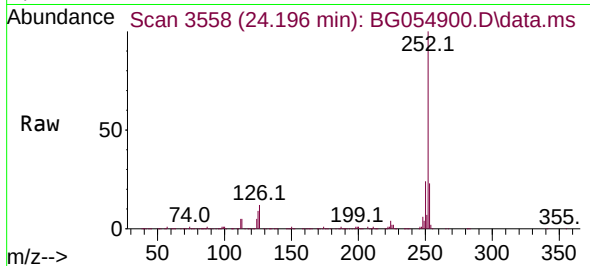
Tgt Ion:252 Resp: 774189
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 8.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.337 ng
RT: 24.196 min Scan# 3558
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

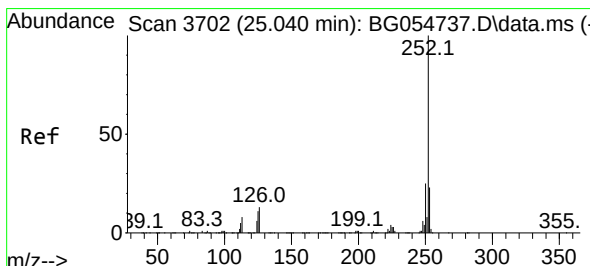
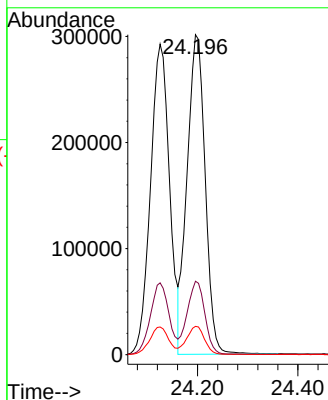
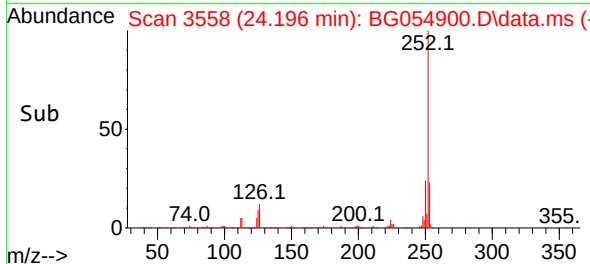
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:252 Resp: 754285
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.9 8.2 12.4

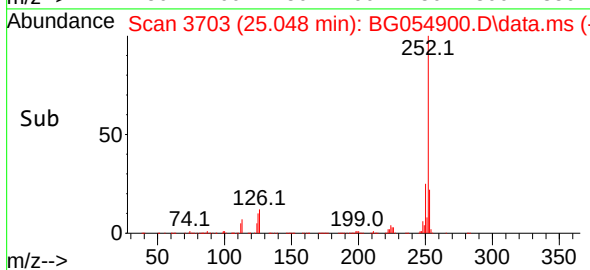
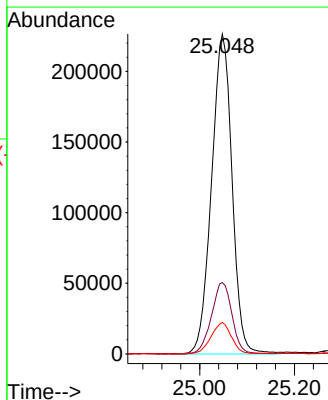
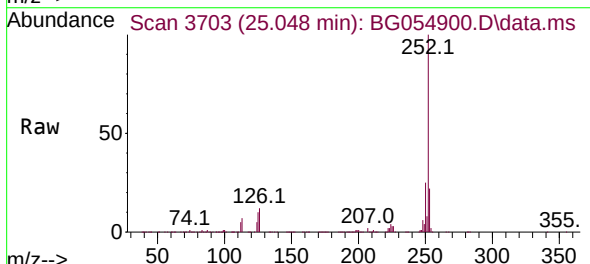
Manual Integrations
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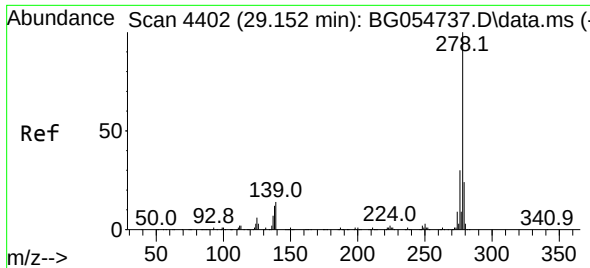
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#90
Benzo(a)pyrene
Concen: 49.208 ng
RT: 25.048 min Scan# 3703
Delta R.T. -0.002 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

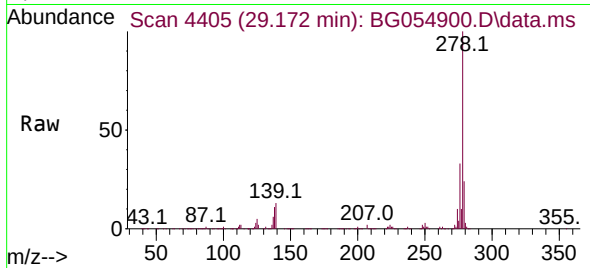
Tgt Ion:252 Resp: 680008
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 9.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.253 ng
RT: 29.172 min Scan# 4402
Delta R.T. 0.004 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

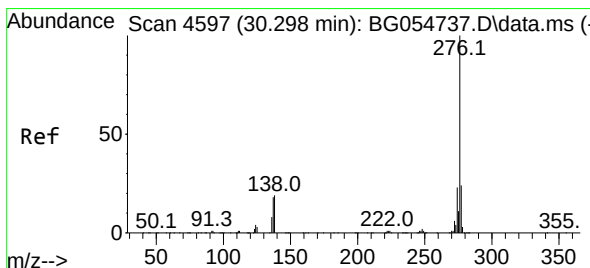
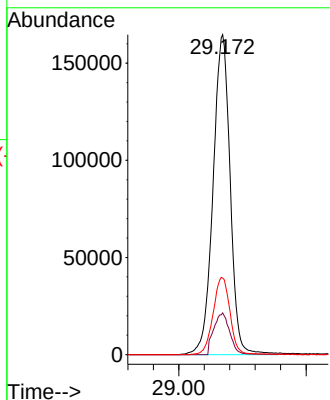
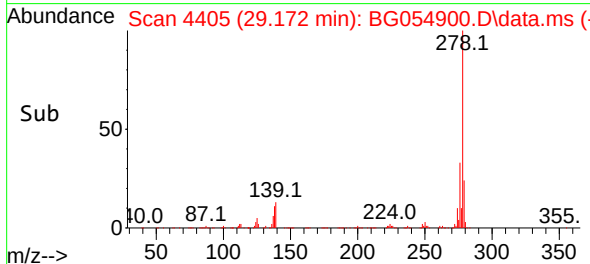
Instrument :
BNA_G
ClientSampleId :
PIT-10MSD



Tgt Ion:278 Resp: 769499
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 23.9 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#92
Benzo(g,h,i)perylene
Concen: 47.386 ng
RT: 30.336 min Scan# 4603
Delta R.T. 0.010 min
Lab File: BG054900.D
Acq: 9 Sep 2022 17:00

Tgt Ion:276 Resp: 763414
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 16.8 16.6 25.0

