

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054723.D
 Acq On : 24 Aug 2022 16:59
 Operator : CG/JU
 Sample : N4261-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:08:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	42020	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	180269	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	130086	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	310879	20.000	ng	0.00
76) Chrysene-d12	21.831	240	273271	20.000	ng	0.00
86) Perylene-d12	25.203	264	290103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	326321	146.341	ng	0.00
7) Phenol-d6	7.307	99	418677	133.998	ng	0.00
23) Nitrobenzene-d5	9.334	82	292335	92.417	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	235097	225.668	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	683734	77.511	ng	0.00
79) Terphenyl-d14	20.139	244	1238157	90.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	44275	38.618	ng	# 26
3) Pyridine	3.964	79	111043	34.594	ng	97
4) n-Nitrosodimethylamine	3.870	42	64848	46.119	ng	# 95
6) Aniline	7.477	93	119066	30.544	ng	98
8) 2-Chlorophenol	7.718	128	135578	57.086	ng	97
9) Benzaldehyde	7.289	77	74365	34.425	ng	99
10) Phenol	7.330	94	154845	47.845	ng	100
11) bis(2-Chloroethyl)ether	7.571	93	130338	47.116	ng	98
12) 1,3-Dichlorobenzene	8.047	146	135229	44.357	ng	99
13) 1,4-Dichlorobenzene	8.194	146	136830	44.537	ng	98
14) 1,2-Dichlorobenzene	8.517	146	134358	46.372	ng	99
15) Benzyl Alcohol	8.394	79	128565	59.045	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	214791	50.044	ng	99
17) 2-Methylphenol	8.593	107	119449	54.742	ng	98
18) Hexachloroethane	9.252	117	49537	48.823	ng	99
19) n-Nitroso-di-n-propyla...	8.964	70	111606	50.769	ng	96
20) 3+4-Methylphenols	8.923	107	161461	55.430	ng	96
22) Acetophenone	8.987	105	206795	45.549	ng	# 98
24) Nitrobenzene	9.375	77	154537	47.519	ng	98
25) Isophorone	9.898	82	311417	51.654	ng	100
26) 2-Nitrophenol	10.086	139	72930	64.237	ng	92
27) 2,4-Dimethylphenol	10.139	122	137934m	62.721	ng	
28) bis(2-Chloroethoxy)met...	10.374	93	182901	51.356	ng	99
29) 2,4-Dichlorophenol	10.621	162	136539	57.865	ng	100
30) 1,2,4-Trichlorobenzene	10.844	180	135197	42.996	ng	98
31) Naphthalene	11.038	128	422292	43.527	ng	99
32) Benzoic acid	10.215	122	21769m	24.131	ng	
33) 4-Chloroaniline	11.138	127	29711	7.759	ng	97
34) Hexachlorobutadiene	11.308	225	83225	41.925	ng	100
35) Caprolactam	11.913	113	46106m	62.581	ng	
36) 4-Chloro-3-methylphenol	12.248	107	162835	64.941	ng	99
37) 2-Methylnaphthalene	12.630	142	307539	46.142	ng	99
38) 1-Methylnaphthalene	12.847	142	297474	46.151	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	166606	41.483	ng	99
41) Hexachlorocyclopentadiene	12.965	237	174013	104.238	ng	98
43) 2,4,6-Trichlorophenol	13.229	196	123596	58.577	ng	98

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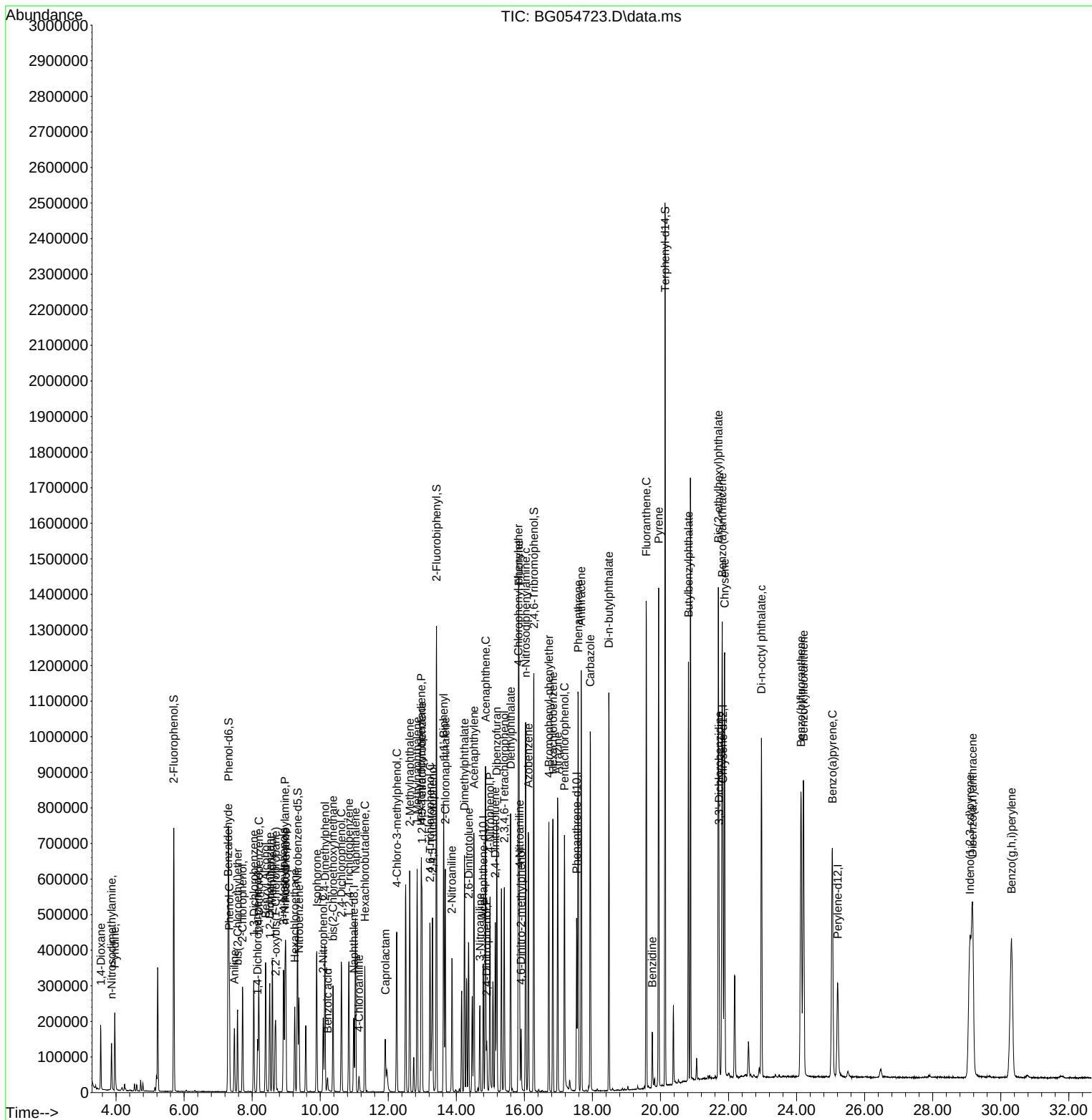
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	136394	57.116	ng	98
46) 1,1'-Biphenyl	13.629	154	429283	43.612	ng	99
47) 2-Chloronaphthalene	13.676	162	321043	42.756	ng	100
48) 2-Nitroaniline	13.870	65	114267	60.583	ng	98
49) Acenaphthylene	14.516	152	550951	45.142	ng	99
50) Dimethylphthalate	14.240	163	454302	51.863	ng	99
51) 2,6-Dinitrotoluene	14.363	165	97762	61.364	ng	91
52) Acenaphthene	14.857	154	350094	46.786	ng	99
53) 3-Nitroaniline	14.692	138	64384	35.045	ng	98
54) 2,4-Dinitrophenol	14.892	184	35708	62.842	ng	96
55) Dibenzofuran	15.186	168	524675	46.268	ng	98
56) 4-Nitrophenol	14.992	139	160210	117.323	ng	97
57) 2,4-Dinitrotoluene	15.145	165	140675	58.086	ng	91
58) Fluorene	15.838	166	448957	47.891	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	128357	64.561	ng	96
60) Diethylphthalate	15.597	149	467962	54.767	ng	98
61) 4-Chlorophenyl-phenylether	15.820	204	226643	48.822	ng	98
62) 4-Nitroaniline	15.856	138	110547	55.216	ng	98
63) Azobenzene	16.114	77	445418	46.937	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.903	198	41682	43.893	ng	96
66) n-Nitrosodiphenylamine	16.038	169	407541	46.132	ng	100
67) 4-Bromophenyl-phenylether	16.719	248	157476	52.622	ng	98
68) Hexachlorobenzene	16.837	284	177939	47.125	ng	98
69) Atrazine	16.984	200	157806	60.279	ng	99
70) Pentachlorophenol	17.178	266	150625	72.508	ng	98
71) Phenanthrene	17.583	178	737348	44.497	ng	99
72) Anthracene	17.671	178	744420	46.360	ng	99
73) Carbazole	17.935	167	681160	47.681	ng	99
74) Di-n-butylphthalate	18.482	149	837457	54.949	ng	99
75) Fluoranthene	19.581	202	867237	44.391	ng	100
77) Benzidine	19.757	184	109573	18.467	ng	100
78) Pyrene	19.945	202	876316	45.462	ng	99
80) Butylbenzylphthalate	20.820	149	363620	56.373	ng	100
81) Benzo(a)anthracene	21.813	228	837115	45.104	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	180175	32.127	ng	100
83) Chrysene	21.884	228	784010	44.389	ng	99
84) Bis(2-ethylhexyl)phthalate	21.702	149	536426	55.031	ng	99
85) Di-n-octyl phthalate	22.965	149	891372	62.283	ng	98
87) Indeno(1,2,3-cd)pyrene	29.093	276	982645	45.392	ng	100
88) Benzo(b)fluoranthene	24.128	252	866427	48.099	ng	99
89) Benzo(k)fluoranthene	24.205	252	859416	46.233	ng	99
90) Benzo(a)pyrene	25.051	252	769267	49.755	ng	99
91) Dibenzo(a,h)anthracene	29.169	278	844923	47.510	ng	100
92) Benzo(g,h,i)perylene	30.315	276	846320	48.679	ng	98

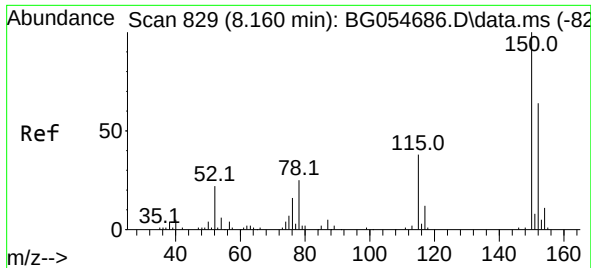
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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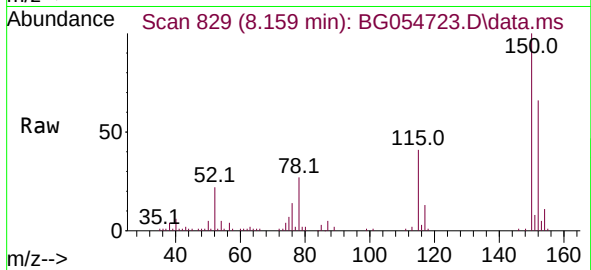
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.159 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

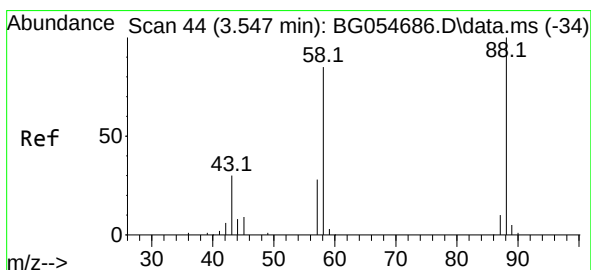
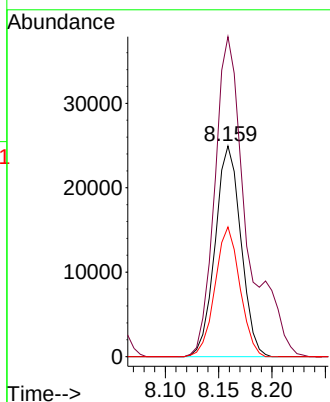
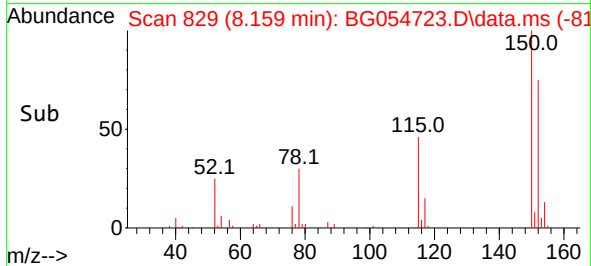
Instrument :
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 ClientSampleId :
 C5MS



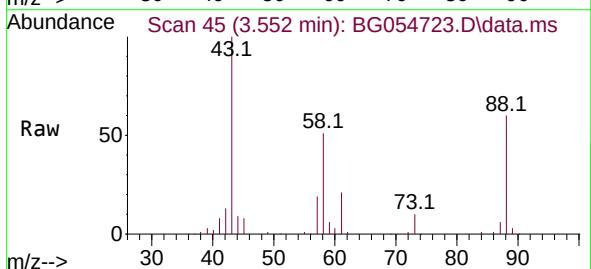
Tgt Ion:152 Resp: 42020
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.2 187.8
 115 61.6 47.9 71.9

Manual Integrations
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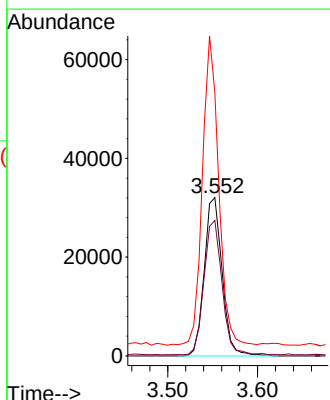
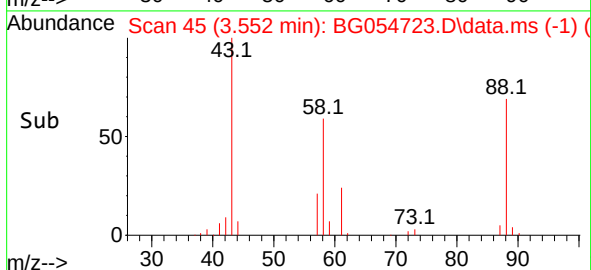
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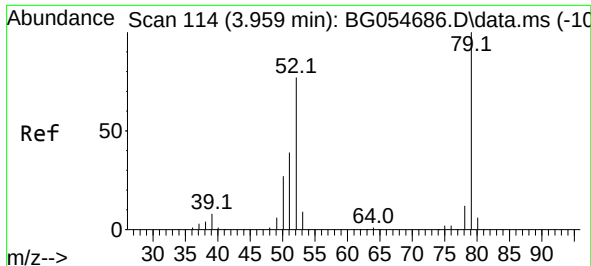


#2
 1,4-Dioxane
 Concen: 38.618 ng
 RT: 3.552 min Scan# 45
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59



Tgt Ion: 88 Resp: 44275
 Ion Ratio Lower Upper
 88 100
 58 85.5 65.9 98.9
 43 175.7 22.7 34.1#





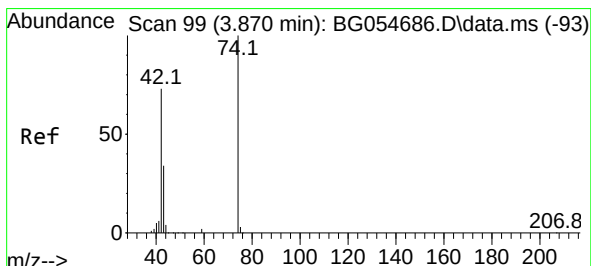
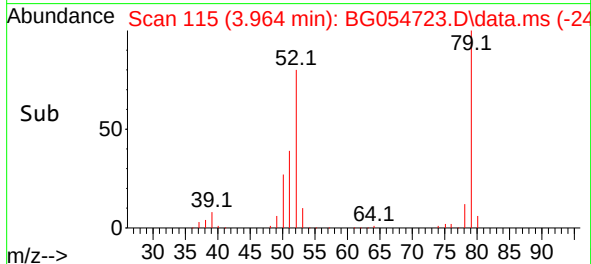
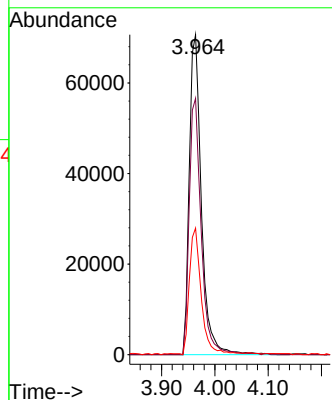
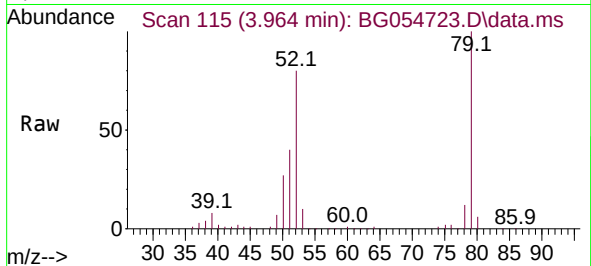
#3
Pyridine
Concen: 34.594 ng
RT: 3.964 min Scan# 114
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

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ClientSampleId :
C5MS

Tgt Ion: 79 Resp: 111043
Ion Ratio Lower Upper
79 100
52 80.1 61.4 92.0
51 39.5 31.4 47.0

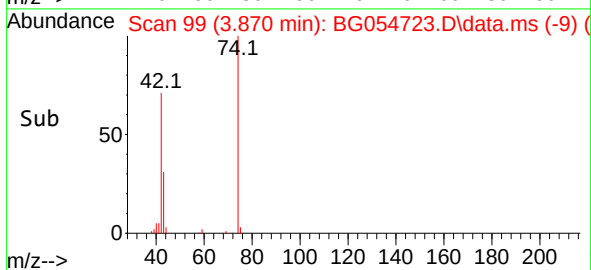
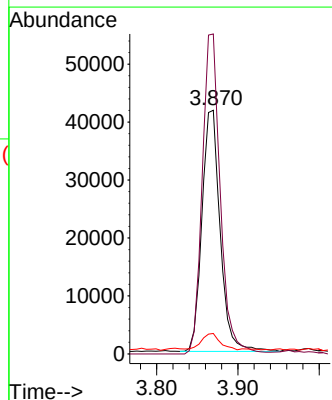
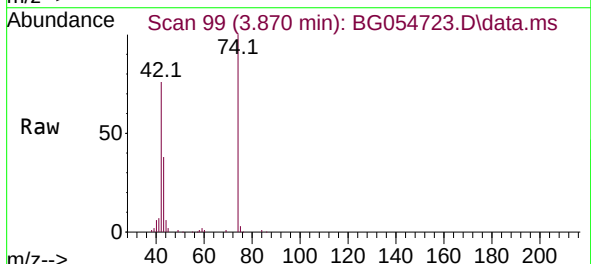
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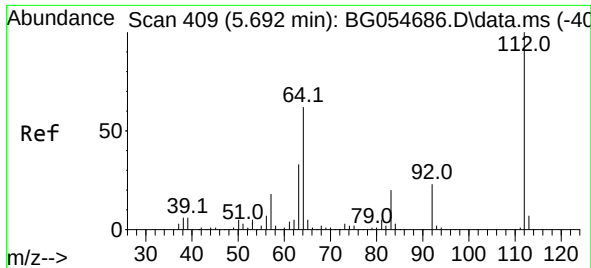
Reviewed By :Christian Giraldo 08/25/2022
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#4
n-Nitrosodimethylamine
Concen: 46.119 ng
RT: 3.870 min Scan# 99
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion: 42 Resp: 64848
Ion Ratio Lower Upper
42 100
74 131.3 109.6 164.4
44 8.4 5.5 8.3





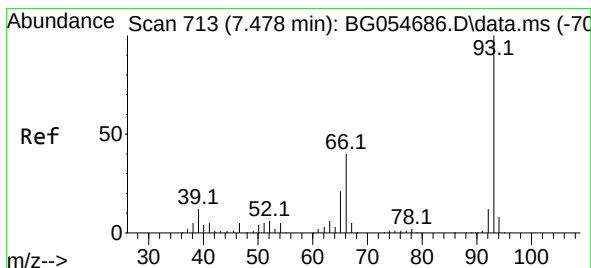
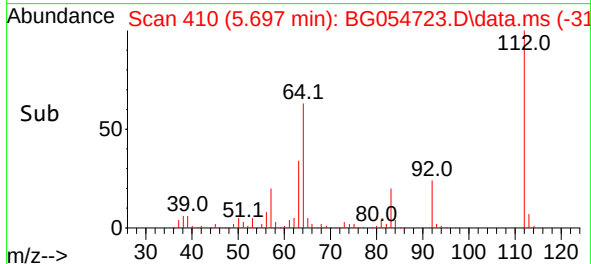
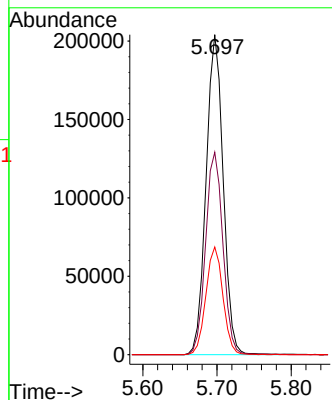
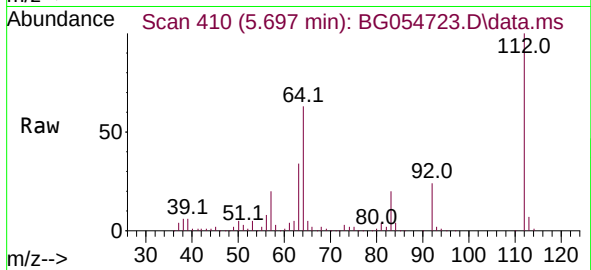
#5
2-Fluorophenol
Concen: 146.341 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :
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Tgt Ion:112 Resp: 32632
Ion Ratio Lower Upper
112 100
64 63.2 49.3 73.9
63 33.6 26.3 39.5

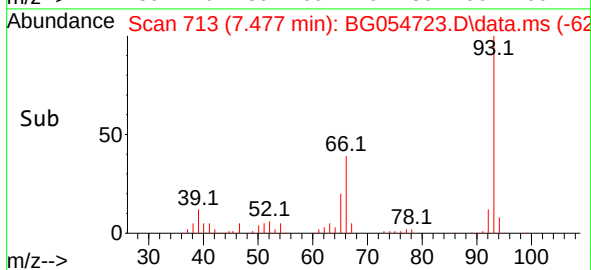
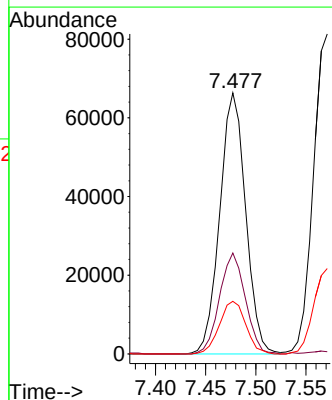
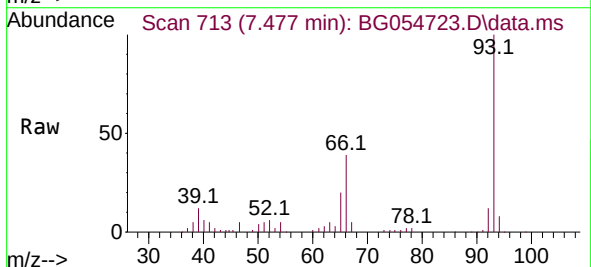
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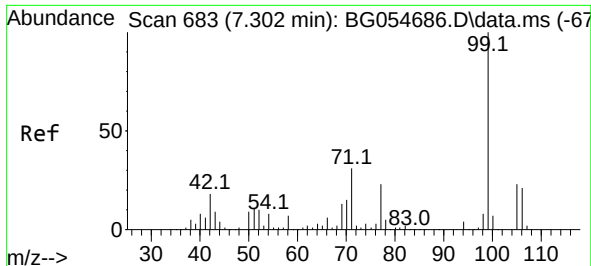
Reviewed By :Christian Giraldo 08/25/2022
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#6
Aniline
Concen: 30.544 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054723.D
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Tgt Ion: 93 Resp: 119066
Ion Ratio Lower Upper
93 100
66 38.7 31.8 47.8
65 20.2 16.6 25.0





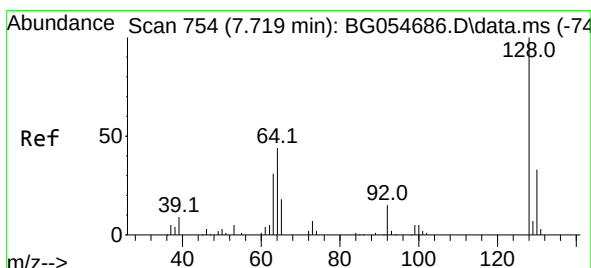
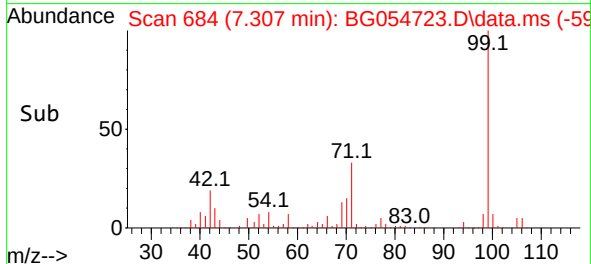
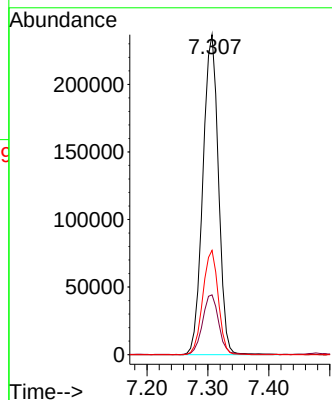
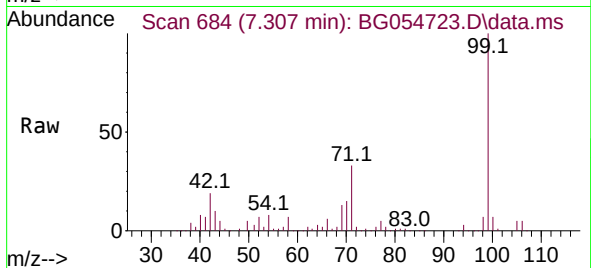
#7
Phenol-d6
Concen: 133.998 ng
RT: 7.307 min Scan# 683
Delta R.T. 0.005 min
Lab File: BG054723.D
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Tgt Ion: 99 Resp: 418672
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 32.6 24.6 37.0

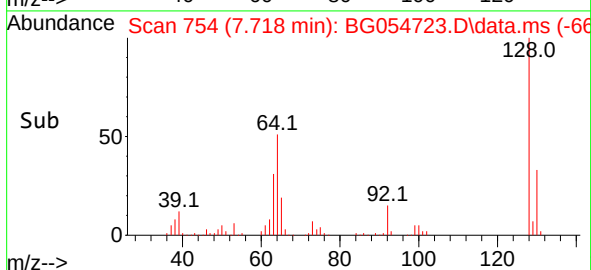
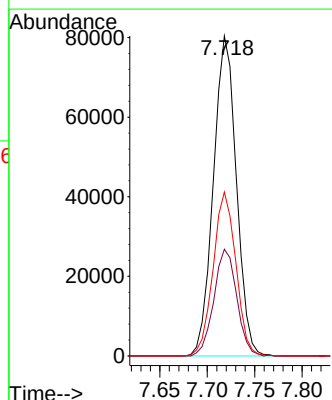
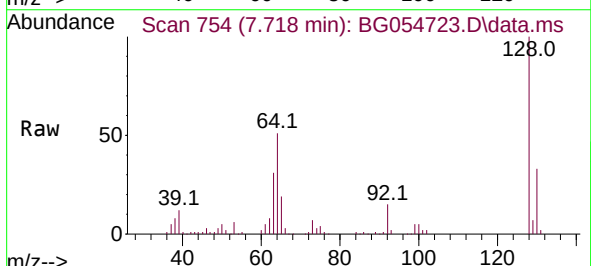
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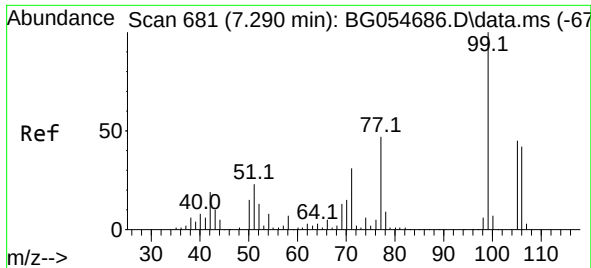
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Supervised By :Jagrut Upadhyay 08/25/2022



#8
2-Chlorophenol
Concen: 57.086 ng
RT: 7.718 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion:128 Resp: 135578
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 51.2 28.6 68.6





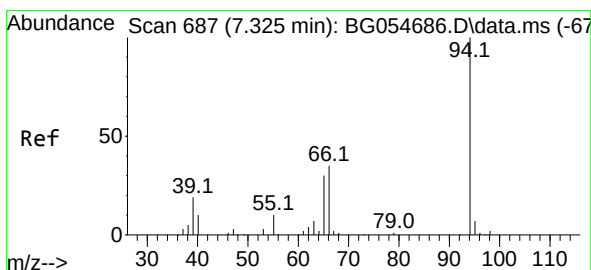
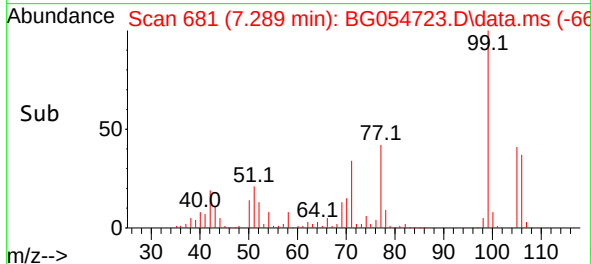
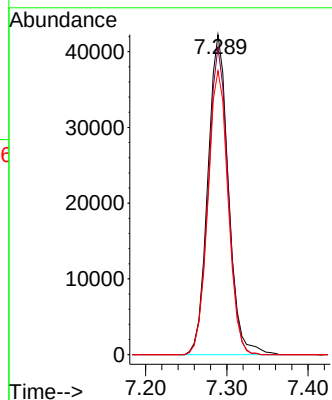
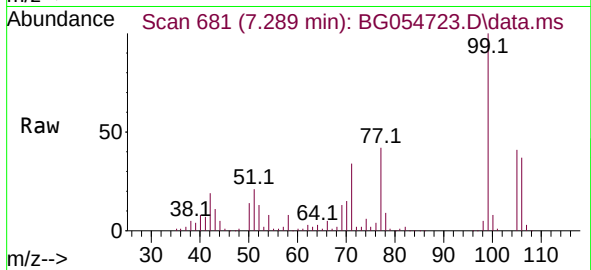
#9
Benzaldehyde
Concen: 34.425 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG054723.D
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Instrument :
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ClientSampleId :
C5MS

Tgt Ion: 77 Resp: 74365
Ion Ratio Lower Upper
77 100
105 96.1 75.3 115.3
106 88.7 70.2 110.2

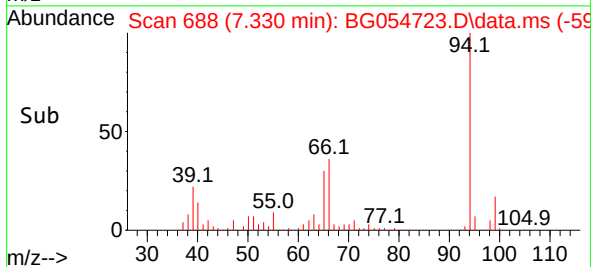
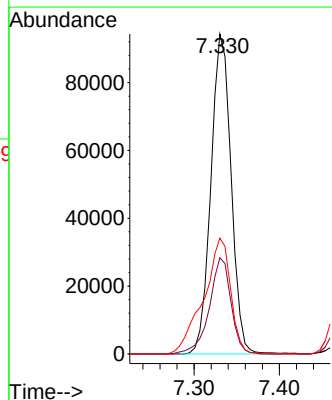
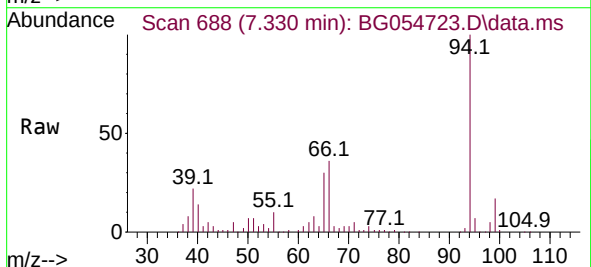
Manual Integrations
APPROVED

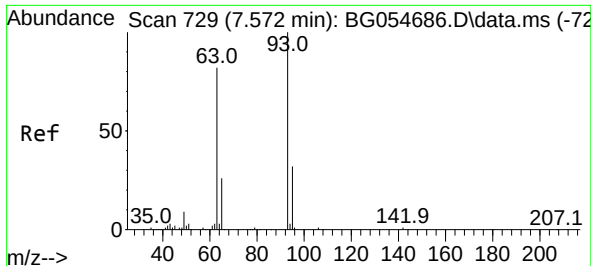
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#10
Phenol
Concen: 47.845 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion: 94 Resp: 154845
Ion Ratio Lower Upper
94 100
65 30.0 9.9 49.9
66 36.2 16.4 56.4





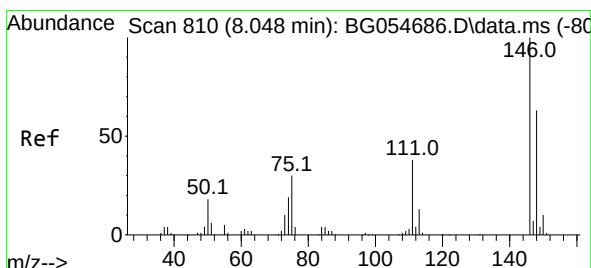
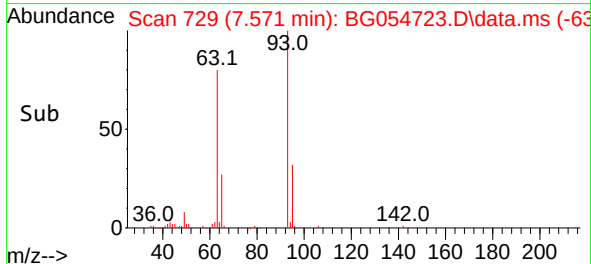
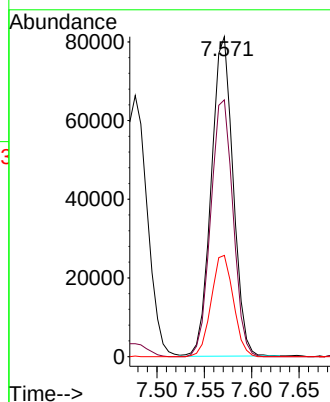
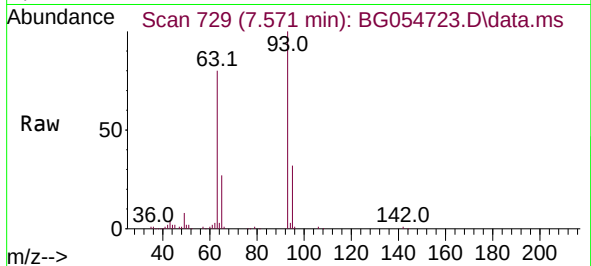
#11
bis(2-Chloroethyl)ether
Concen: 47.116 ng
RT: 7.571 min Scan# 729
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :
BNA_G
ClientSampleId :
C5MS

Tgt Ion: 93 Resp: 130338
Ion Ratio Lower Upper
93 100
63 80.2 62.1 102.1
95 31.6 12.1 52.1

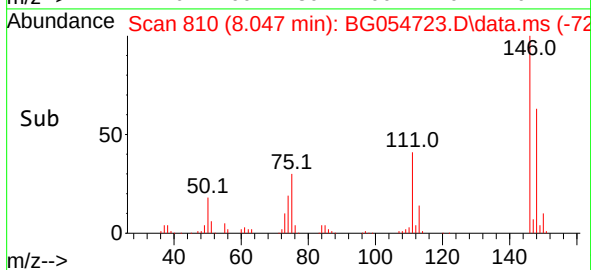
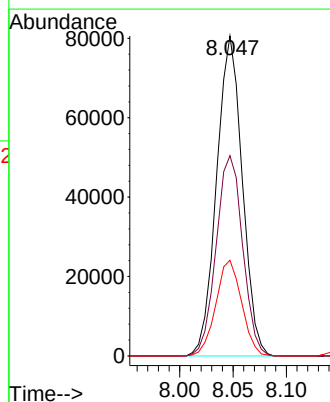
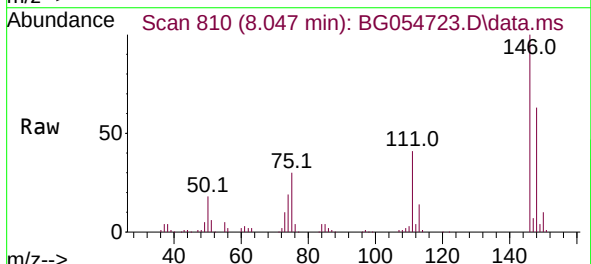
Manual Integrations
APPROVED

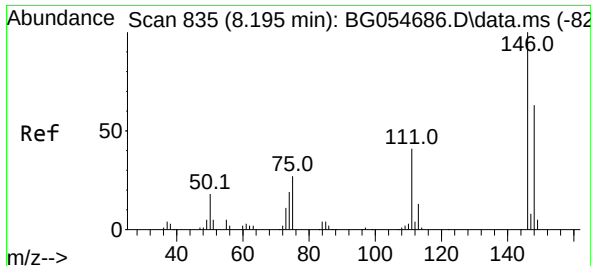
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#12
1,3-Dichlorobenzene
Concen: 44.357 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion:146 Resp: 135229
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 29.9 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.537 ng

RT: 8.194 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG054723.D

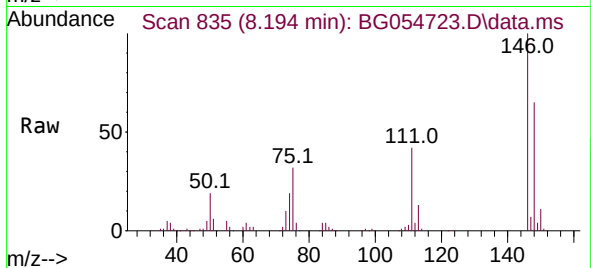
Acq: 24 Aug 2022 16:59

Instrument :

BNA_G

ClientSampleId :

C5MS



Tgt Ion:146 Resp: 136830

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

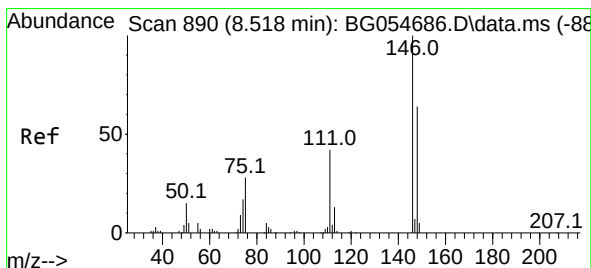
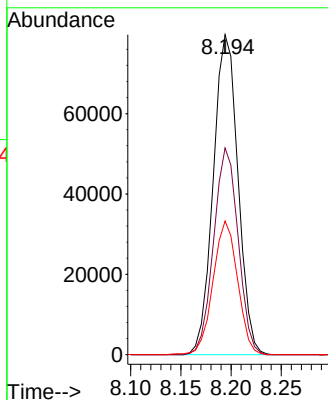
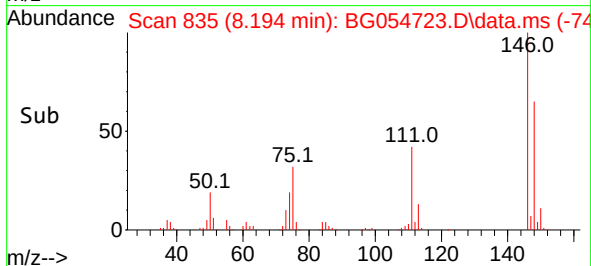
111 41.8 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#14

1,2-Dichlorobenzene

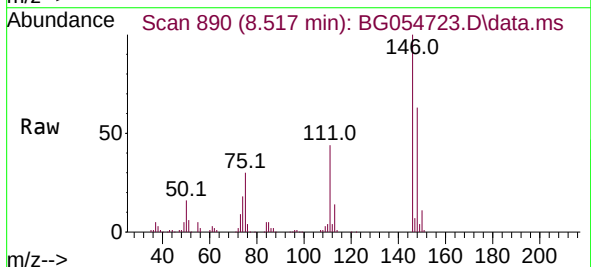
Concen: 46.372 ng

RT: 8.517 min Scan# 890

Delta R.T. -0.001 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59



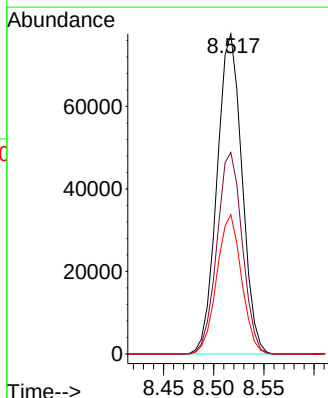
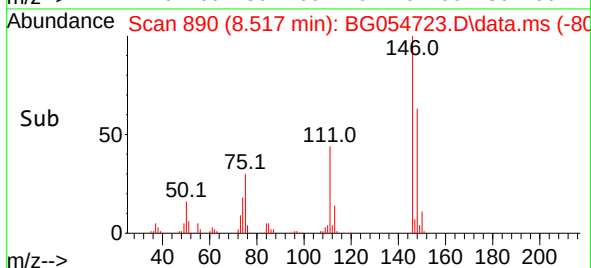
Tgt Ion:146 Resp: 134358

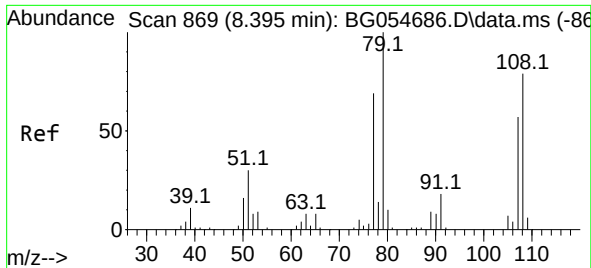
Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

111 43.5 34.3 51.5





#15
Benzyl Alcohol
Concen: 59.045 ng
RT: 8.394 min Scan# 869
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

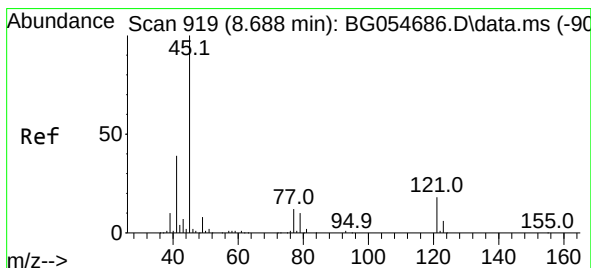
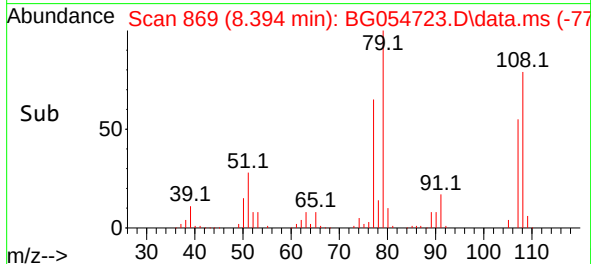
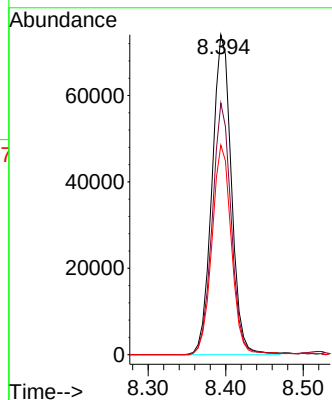
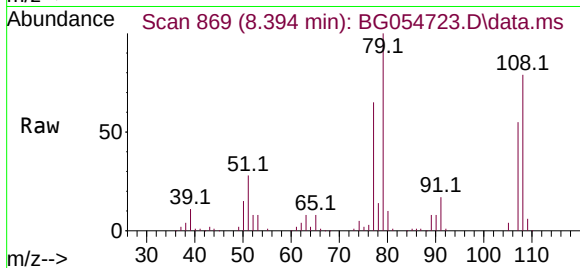
Instrument :
BNA_G
ClientSampleId :
C5MS

Tgt Ion: 79 Resp: 128565

Ion	Ratio	Lower	Upper
79	100		
108	78.6	63.4	95.0
77	65.5	55.0	82.4

Manual Integrations
APPROVED

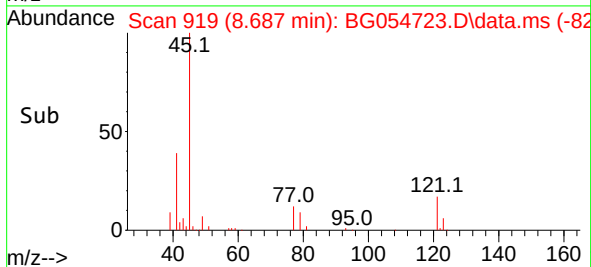
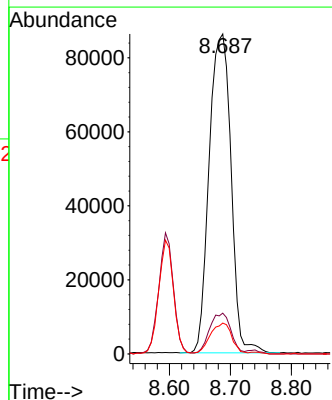
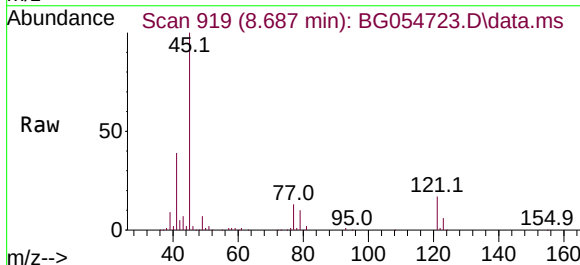
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

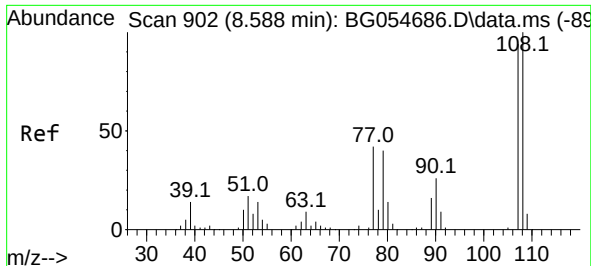


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.044 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion: 45 Resp: 214791

Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	32.8
79	9.6	0.0	30.4





#17

2-Methylphenol

Concen: 54.742 ng

RT: 8.593 min Scan# 90

Delta R.T. 0.005 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59

Instrument :

BNA_G

ClientSampleId :

C5MS

Tgt Ion:107 Resp: 119449

Ion Ratio Lower Upper

107 100

108 108.5 85.6 128.4

77 46.4 35.8 53.8

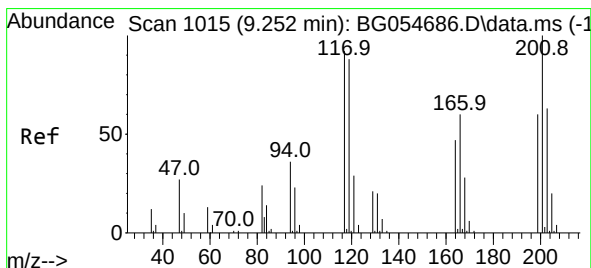
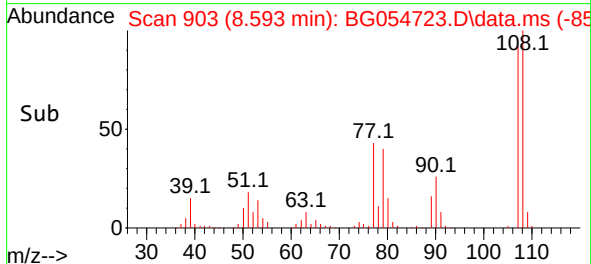
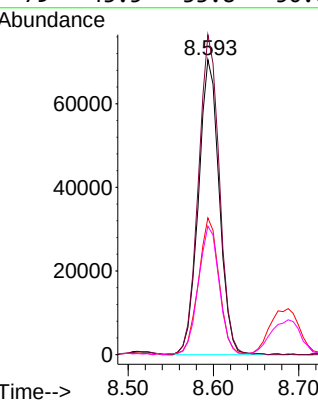
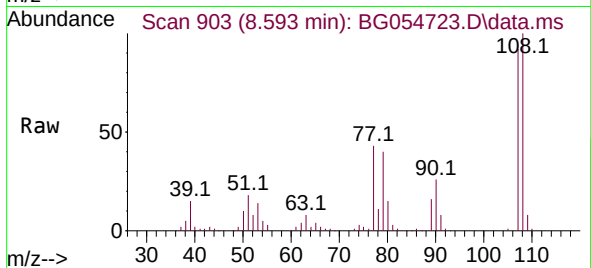
79 43.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#18

Hexachloroethane

Concen: 48.823 ng

RT: 9.252 min Scan# 1015

Delta R.T. -0.001 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59

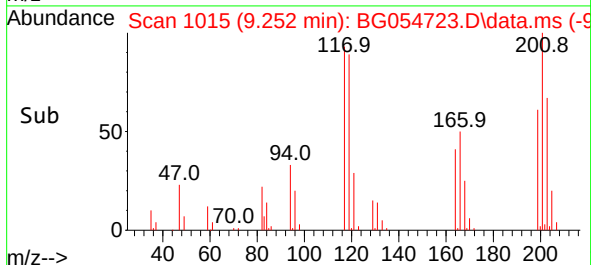
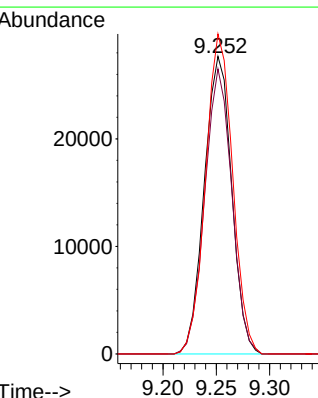
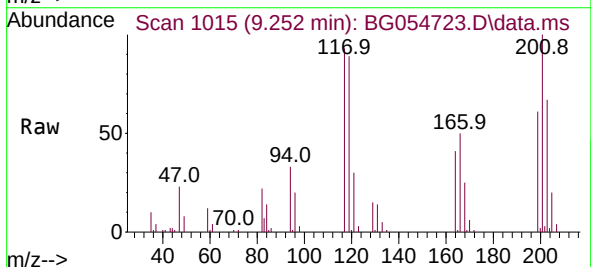
Tgt Ion:117 Resp: 49537

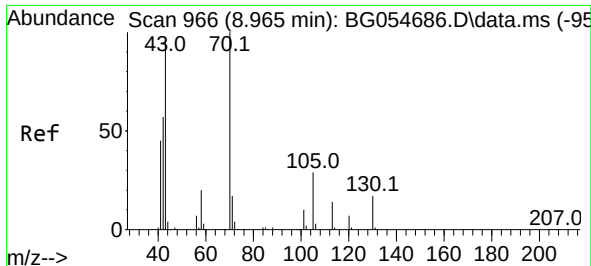
Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.6

201 107.5 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 50.769 ng

RT: 8.964 min Scan# 966

Delta R.T. -0.001 min

Lab File: BG054723.D

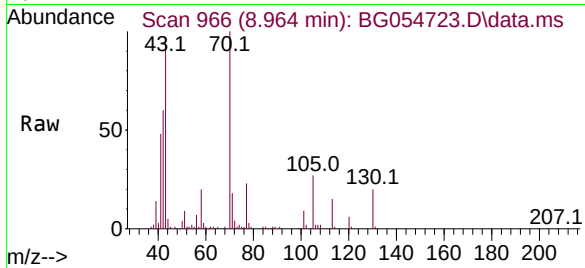
Acq: 24 Aug 2022 16:59

Instrument :

BNA_G

ClientSampleId :

C5MS



Tgt Ion: 70 Resp: 111606

Ion Ratio Lower Upper

70 100

42 60.4 46.6 69.8

101 8.8 7.7 11.5

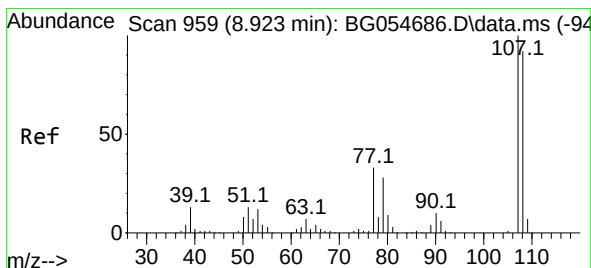
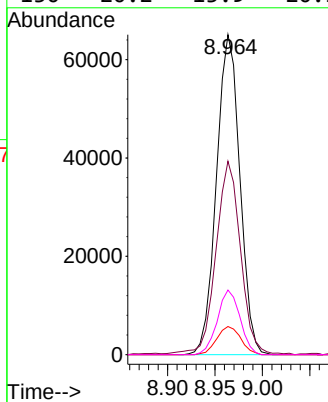
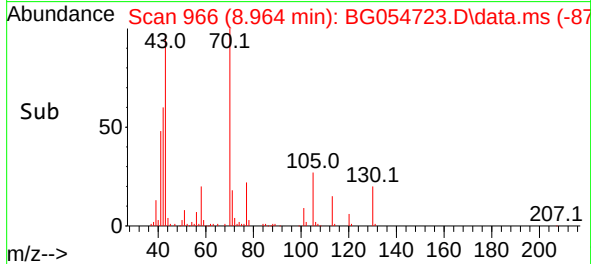
130 20.2 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#20

3+4-Methylphenols

Concen: 55.430 ng

RT: 8.923 min Scan# 959

Delta R.T. -0.001 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59

Tgt Ion:107 Resp: 161461

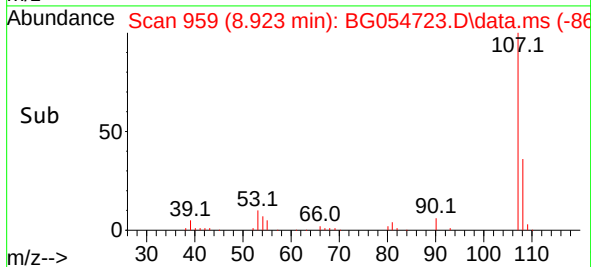
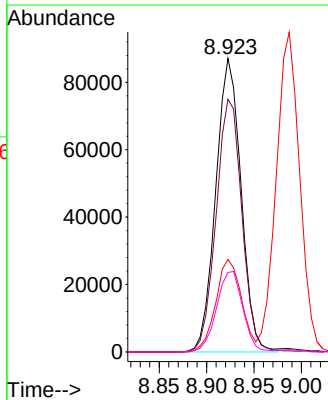
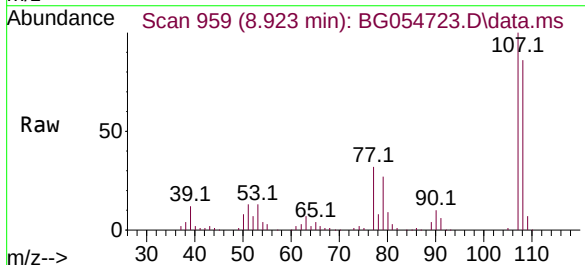
Ion Ratio Lower Upper

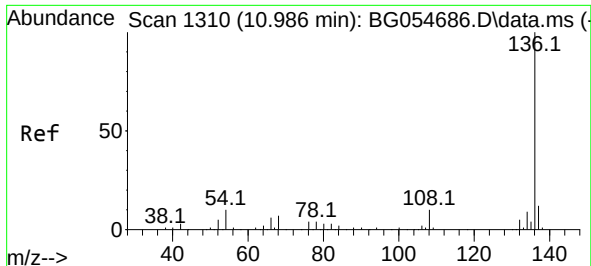
107 100

108 86.1 71.6 111.6

77 31.5 13.1 53.1

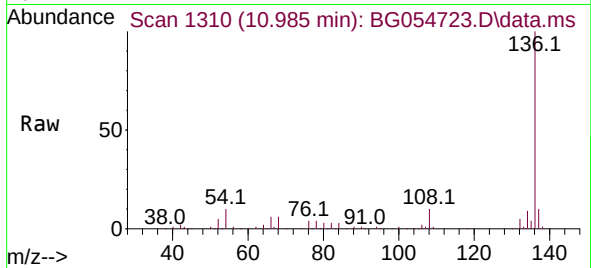
79 27.1 7.9 47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

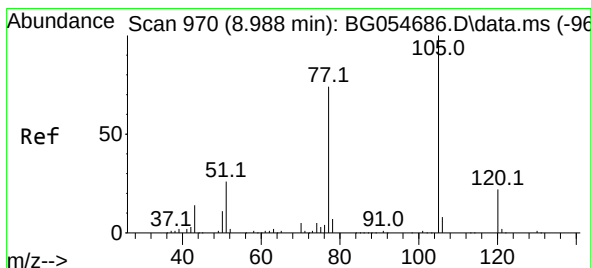
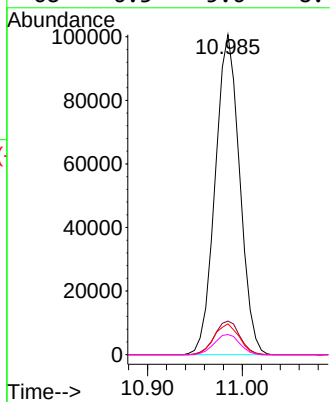
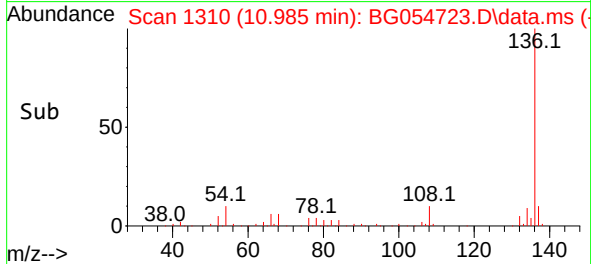
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:136 Resp: 180269
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 9.6 7.7 11.5
68 6.3 5.6 8.4

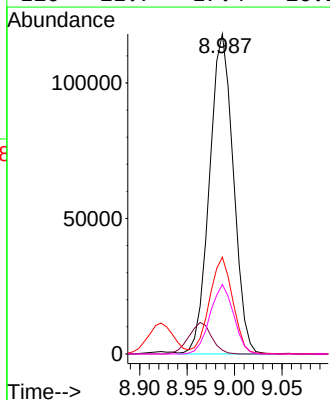
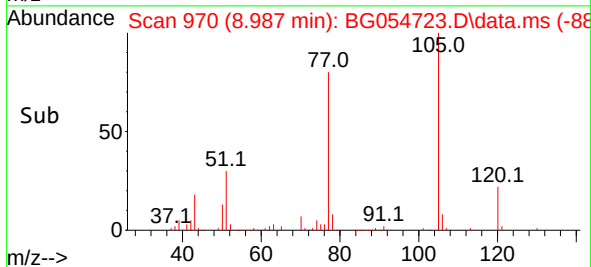
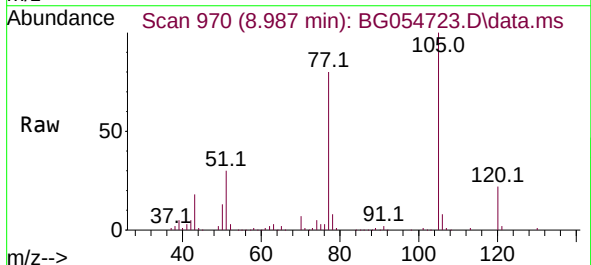
Manual Integrations
APPROVED

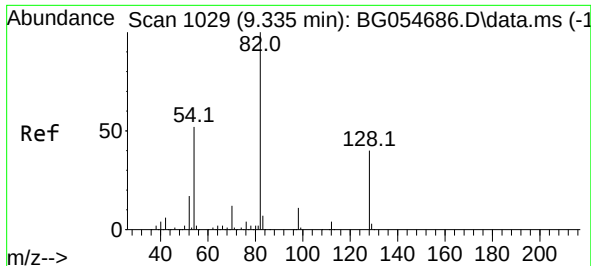
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#22
Acetophenone
Concen: 45.549 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

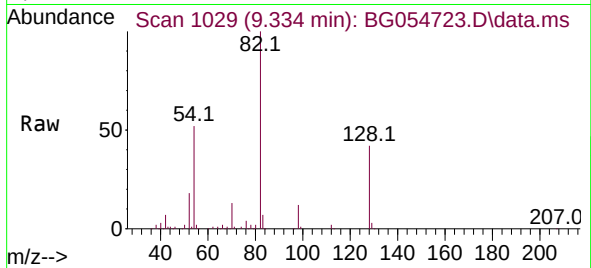
Tgt Ion:105 Resp: 206795
Ion Ratio Lower Upper
105 100
71 1.2 1.2 1.8#
51 30.2 22.9 34.3
120 21.7 17.4 26.2





#23
Nitrobenzene-d5
Concen: 92.417 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

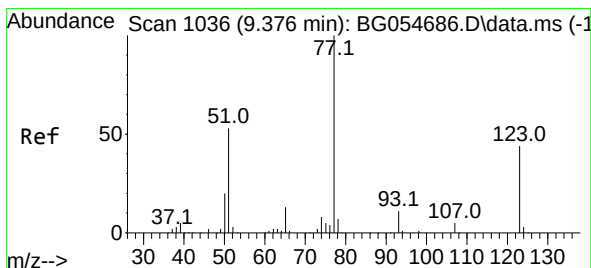
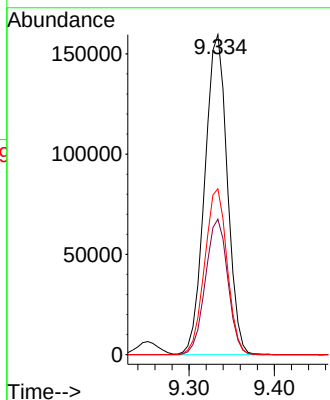
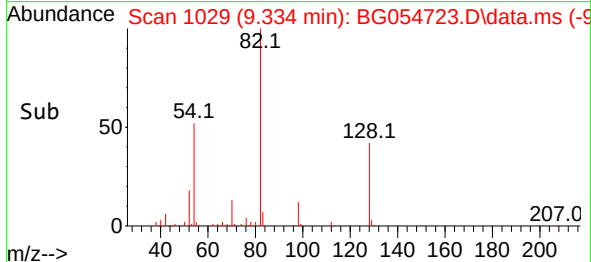
Instrument :
BNA_G
ClientSampleId :
C5MS



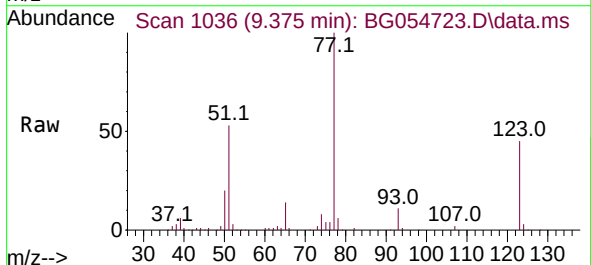
Tgt Ion: 82 Resp: 292335
Ion Ratio Lower Upper
82 100
128 42.3 32.2 48.2
54 51.8 41.4 62.0

Manual Integrations
APPROVED

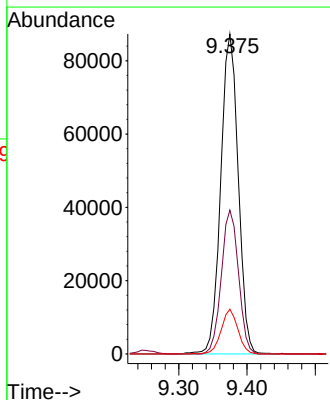
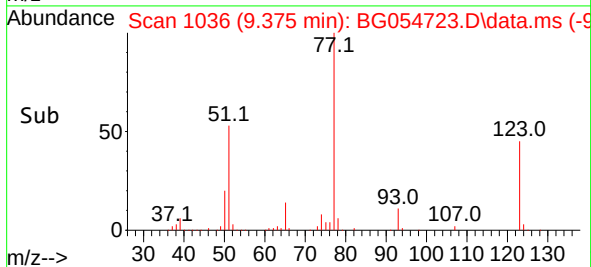
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

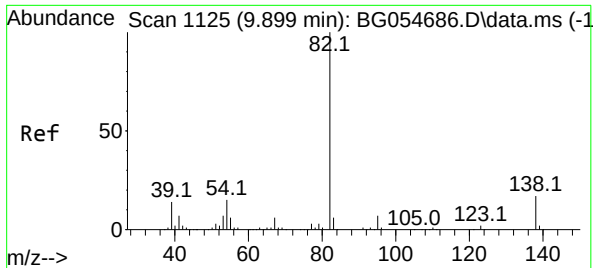


#24
Nitrobenzene
Concen: 47.519 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



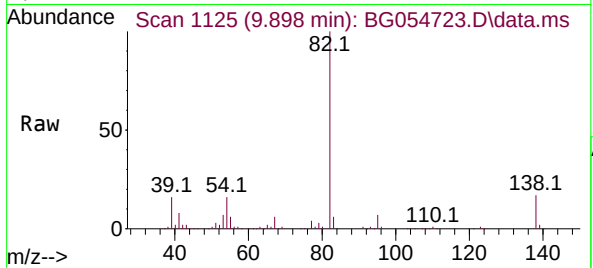
Tgt Ion: 77 Resp: 154537
Ion Ratio Lower Upper
77 100
123 44.9 35.0 52.6
65 14.0 10.2 15.2





#25
Isophorone
Concen: 51.654 ng
RT: 9.898 min Scan# 1125
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

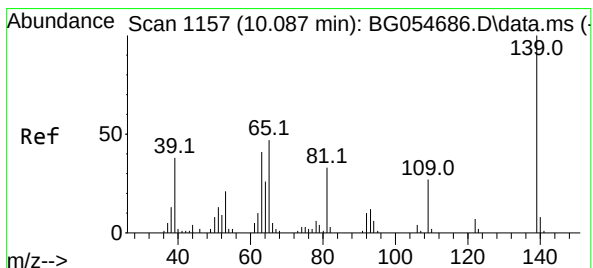
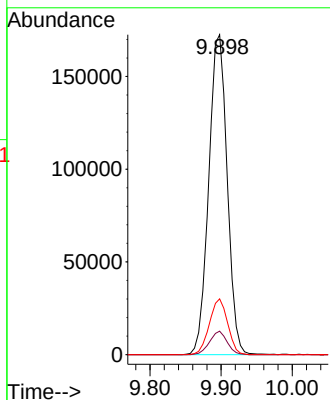
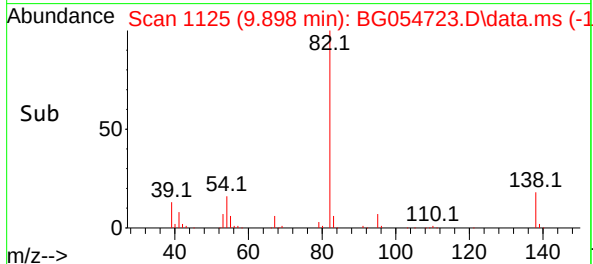
Instrument :
BNA_G
ClientSampleId :
C5MS



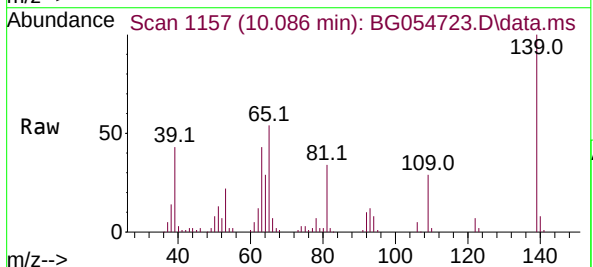
Tgt Ion: 82 Resp: 311417
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 17.4 13.9 20.9

Manual Integrations
APPROVED

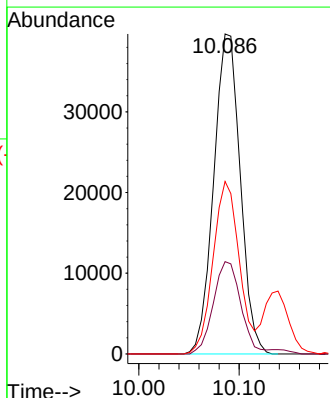
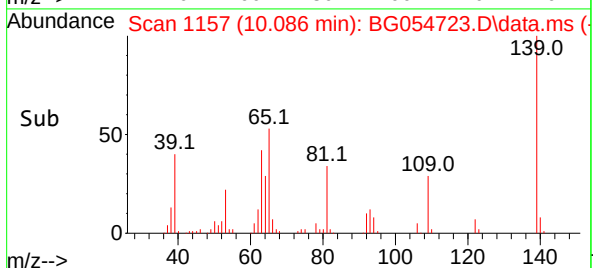
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

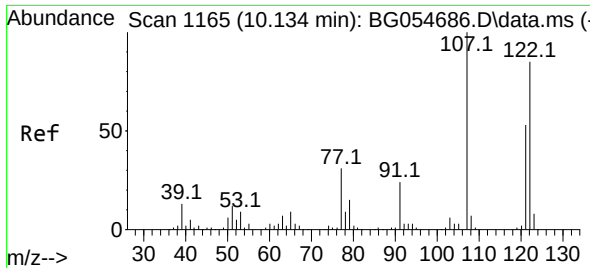


#26
2-Nitrophenol
Concen: 64.237 ng
RT: 10.086 min Scan# 1157
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



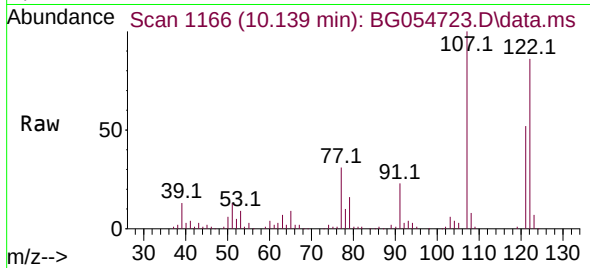
Tgt Ion:139 Resp: 72930
Ion Ratio Lower Upper
139 100
109 28.8 21.8 32.6
65 53.9 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 62.721 ng m
RT: 10.139 min Scan# 1165
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

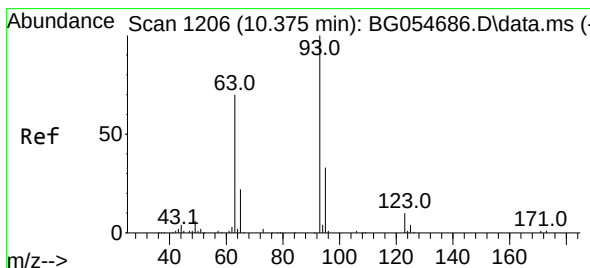
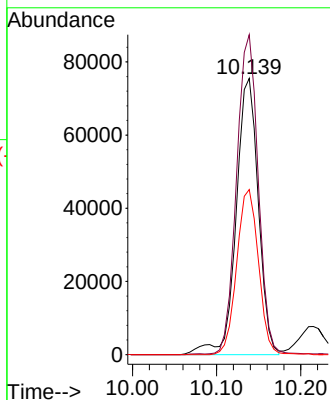
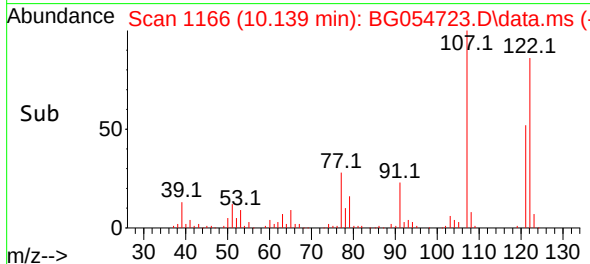
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:122 Resp: 137934
Ion Ratio Lower Upper
122 100
107 115.8 94.6 142.0
121 59.7 49.8 74.6

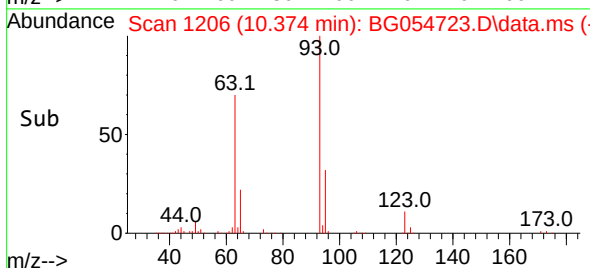
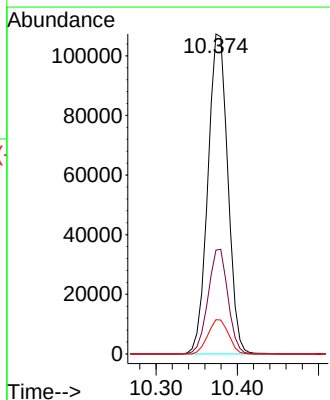
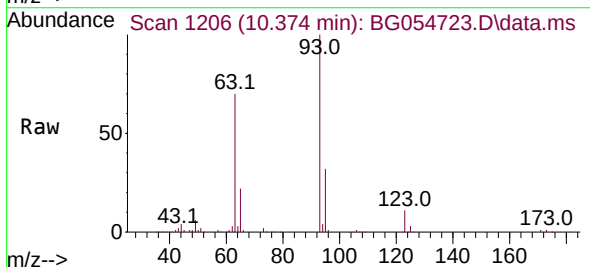
Manual Integrations
APPROVED

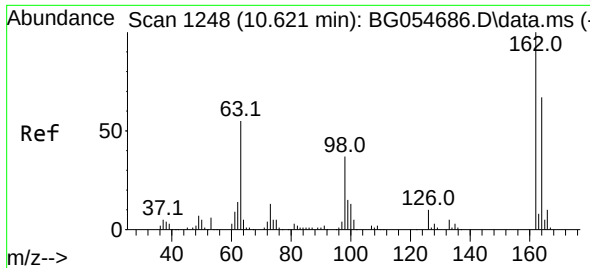
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.356 ng
RT: 10.374 min Scan# 1206
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

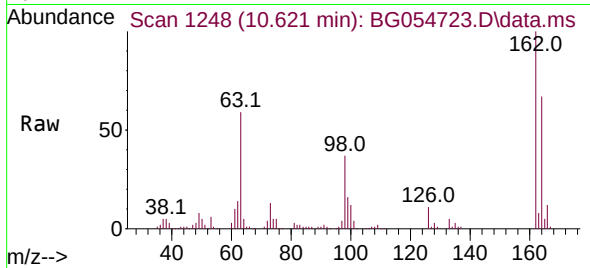
Tgt Ion: 93 Resp: 182901
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 10.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 57.865 ng
RT: 10.621 min Scan# 1248
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

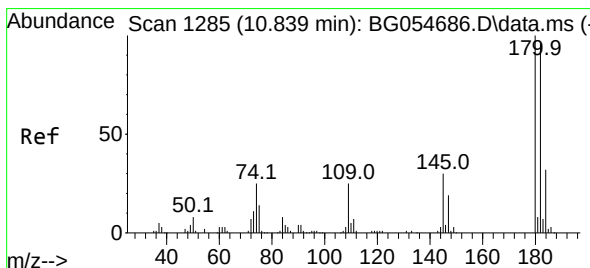
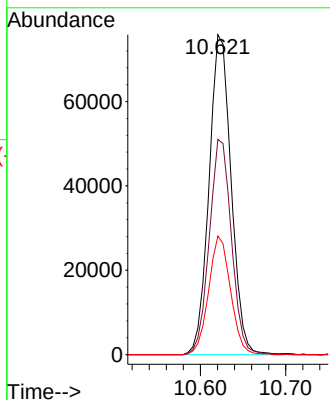
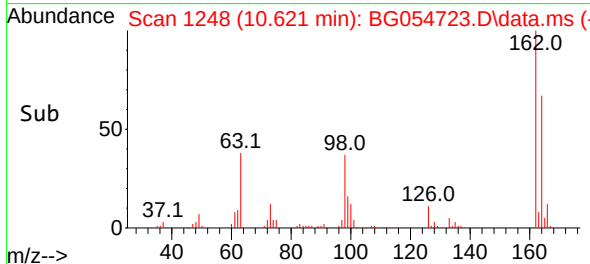
Instrument :
BNA_G
ClientSampleId :
C5MS



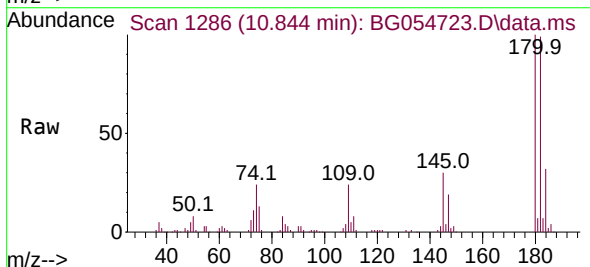
Tgt Ion:162 Resp: 136539
Ion Ratio Lower Upper
162 100
164 67.3 47.2 87.2
98 37.1 16.6 56.6

Manual Integrations
APPROVED

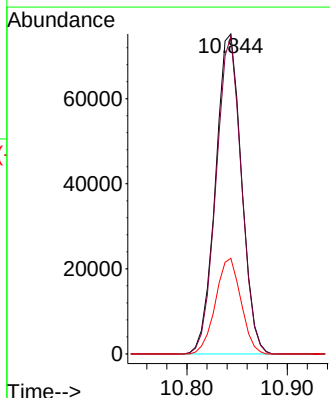
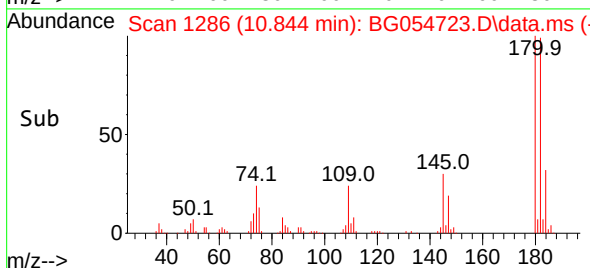
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

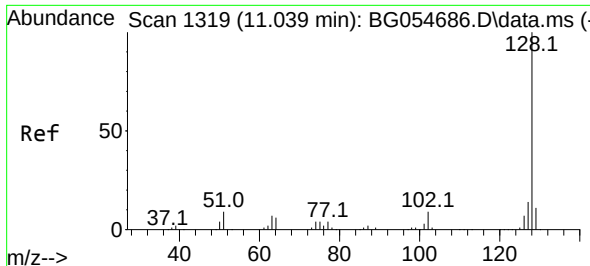


#30
1,2,4-Trichlorobenzene
Concen: 42.996 ng
RT: 10.844 min Scan# 1286
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



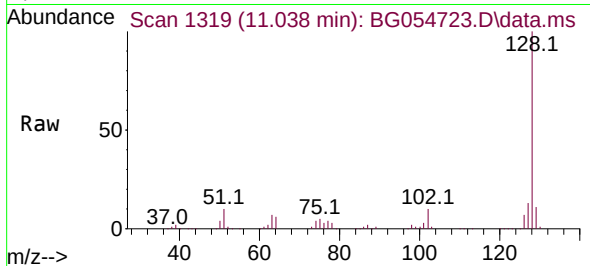
Tgt Ion:180 Resp: 135197
Ion Ratio Lower Upper
180 100
182 99.2 77.0 115.6
145 29.9 24.0 36.0





#31
Naphthalene
Concen: 43.527 ng
RT: 11.038 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

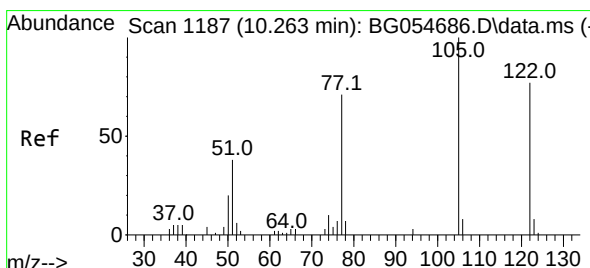
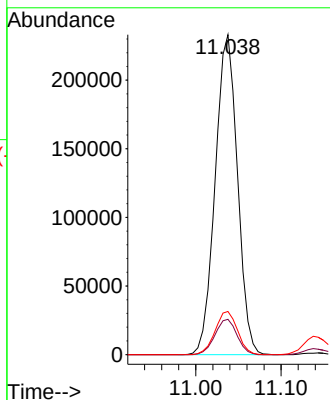
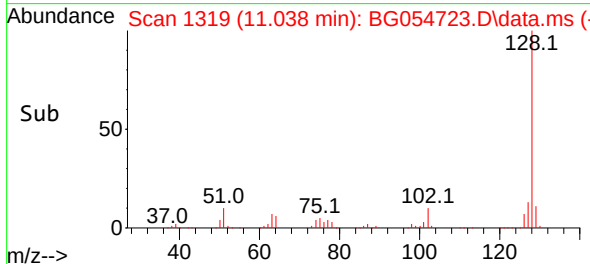
Instrument :
BNA_G
ClientSampleId :
C5MS



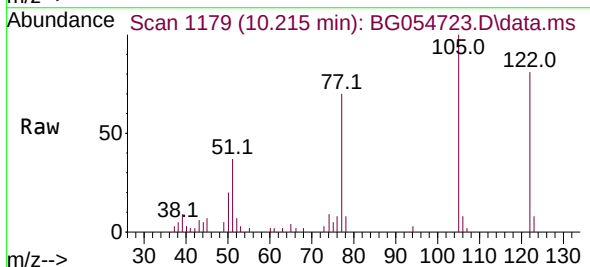
Tgt Ion:128 Resp: 422292
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.5 11.1 16.7

Manual Integrations
APPROVED

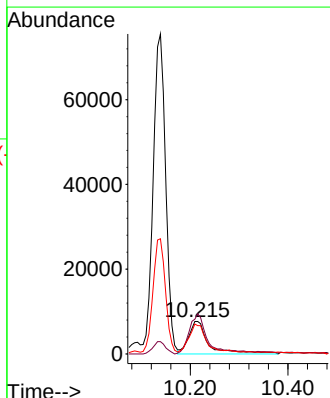
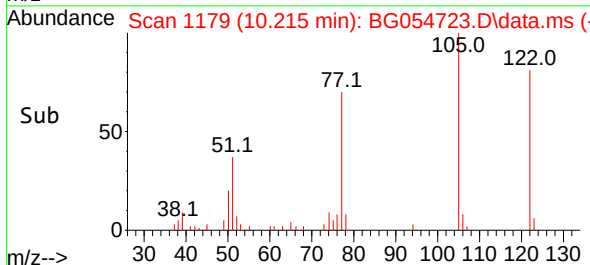
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

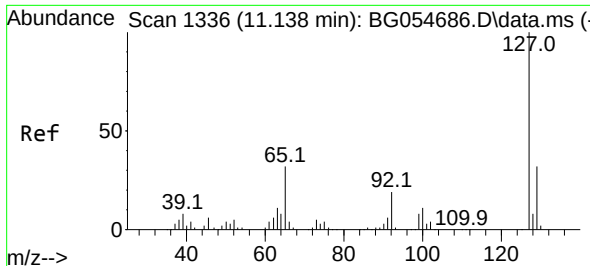


#32
Benzoic acid
Concen: 24.131 ng m
RT: 10.215 min Scan# 1179
Delta R.T. -0.048 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



Tgt Ion:122 Resp: 21769
Ion Ratio Lower Upper
122 100
105 123.5 101.5 141.5
77 86.9 69.3 109.3





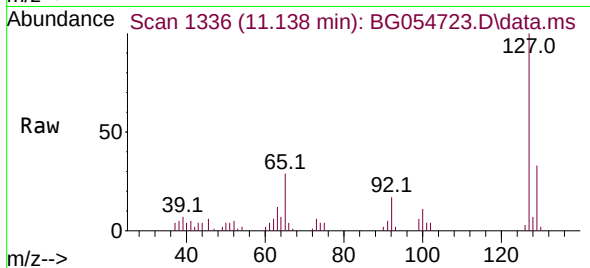
#33
4-Chloroaniline
Concen: 7.759 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :

BNA_G

ClientSampleId :

C5MS

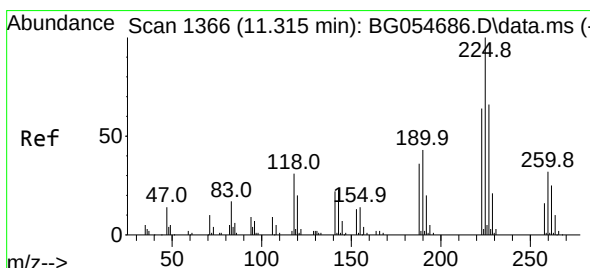
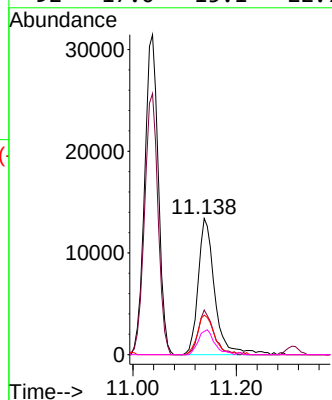
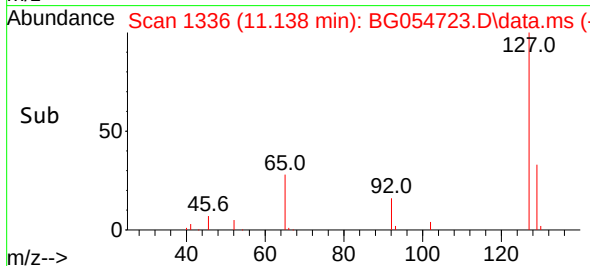


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	29.0	25.8	38.8
92	17.0	15.1	22.7

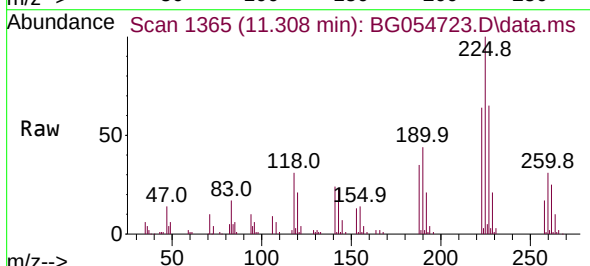
Manual Integrations

APPROVED

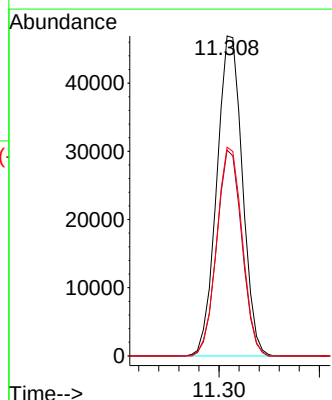
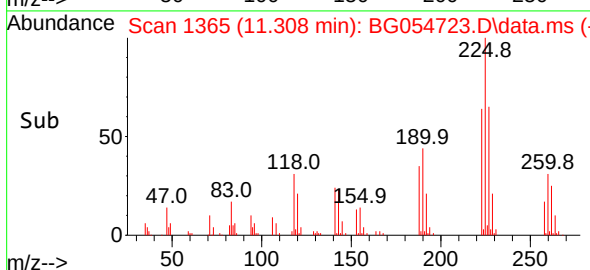
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

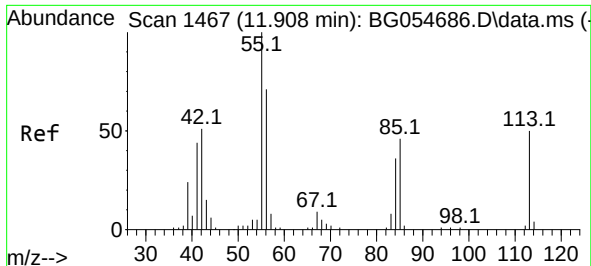


#34
Hexachlorobutadiene
Concen: 41.925 ng
RT: 11.308 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



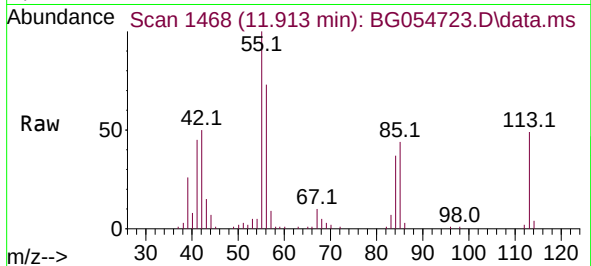
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.0
227	65.2	52.6	79.0





#35
 Caprolactam
 Concen: 62.581 ng m
 RT: 11.913 min Scan# 1467
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

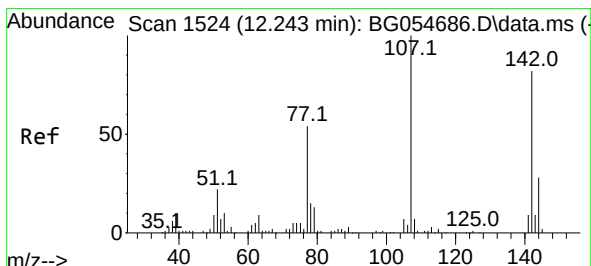
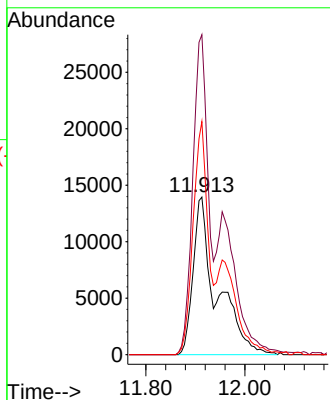
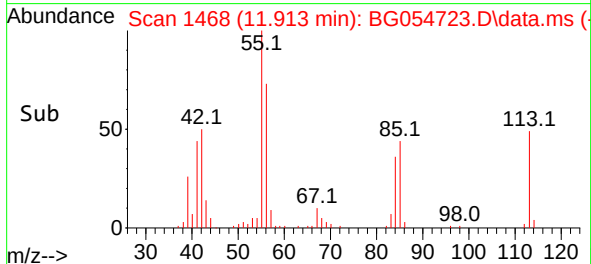
Instrument :
 BNA_G
 ClientSampleId :
 C5MS



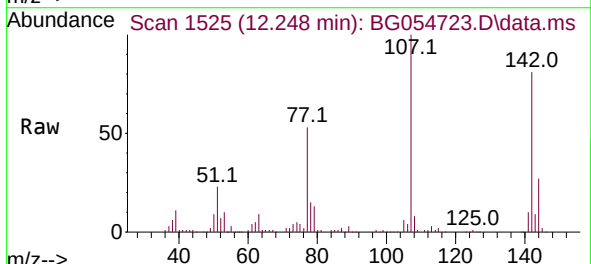
Tgt Ion:113 Resp: 46106
 Ion Ratio Lower Upper
 113 100
 55 203.1 179.1 219.1
 56 147.9 120.8 160.8

Manual Integrations
 APPROVED

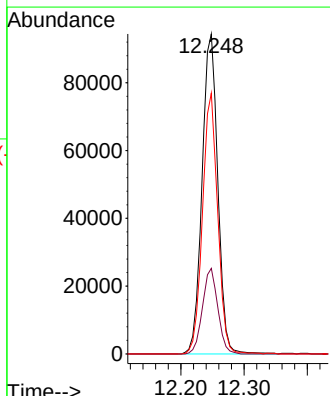
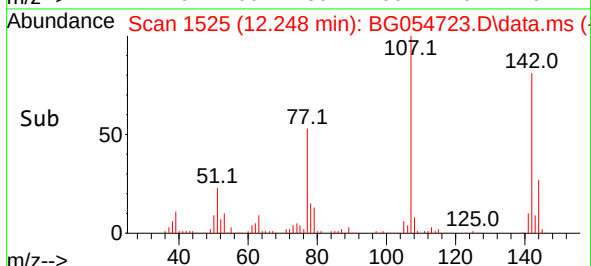
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

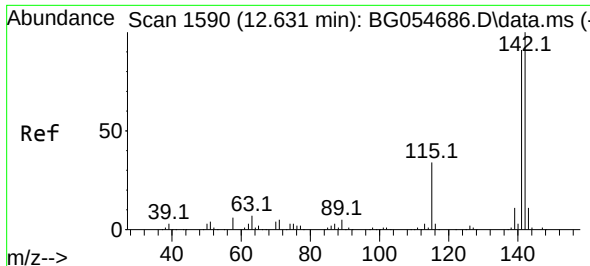


#36
 4-Chloro-3-methylphenol
 Concen: 64.941 ng
 RT: 12.248 min Scan# 1525
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59



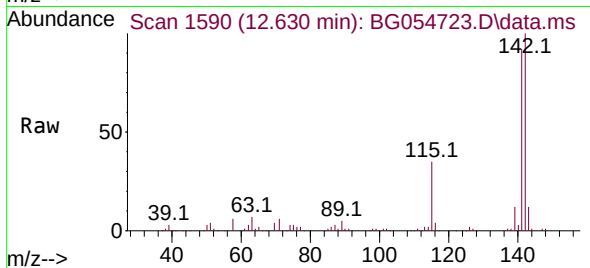
Tgt Ion:107 Resp: 162835
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.4 33.6
 142 81.5 65.8 98.8





#37
2-Methylnaphthalene
Concen: 46.142 ng
RT: 12.630 min Scan# 1590
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

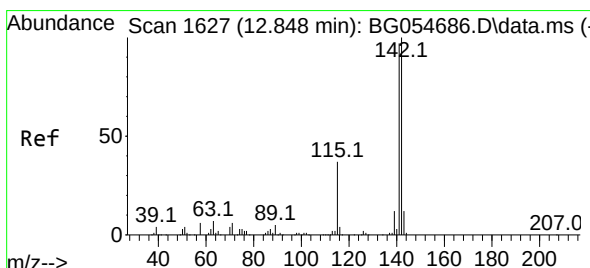
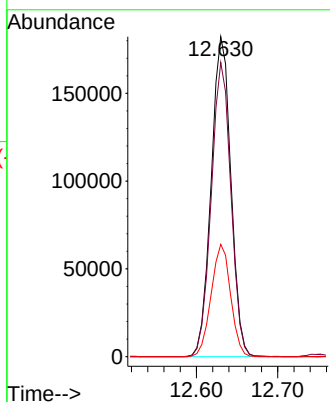
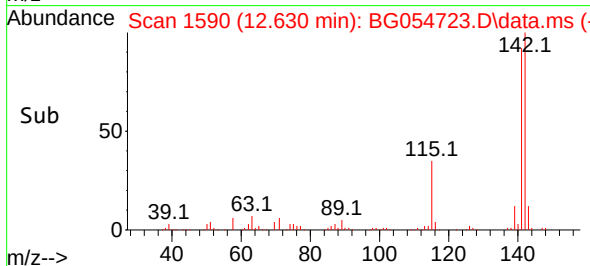
Instrument :
BNA_G
ClientSampleId :
C5MS



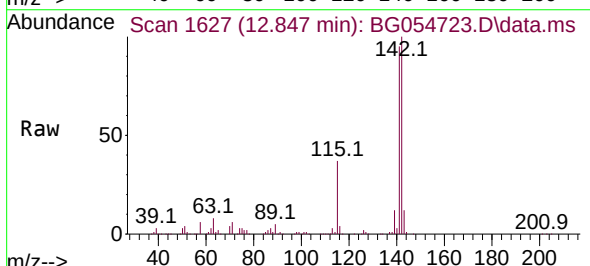
Tgt Ion:142 Resp: 307539
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4
115 35.1 27.3 40.9

Manual Integrations
APPROVED

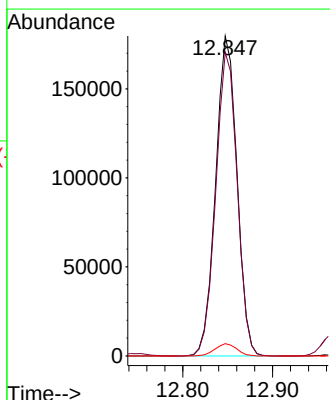
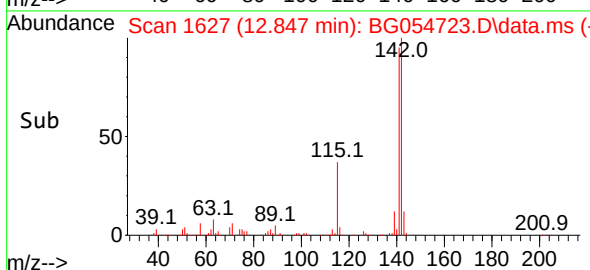
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

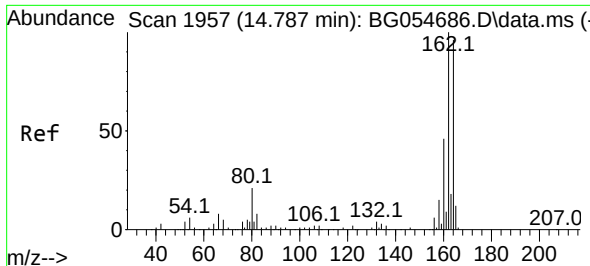


#38
1-Methylnaphthalene
Concen: 46.151 ng
RT: 12.847 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



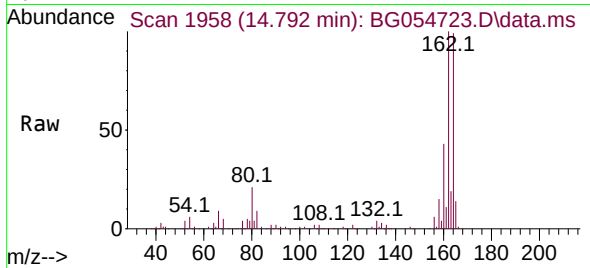
Tgt Ion:142 Resp: 297474
Ion Ratio Lower Upper
142 100
141 94.8 77.4 116.0
116 3.8 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

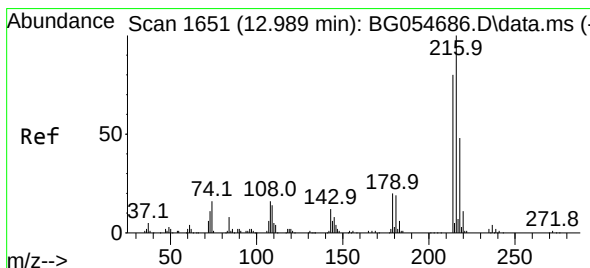
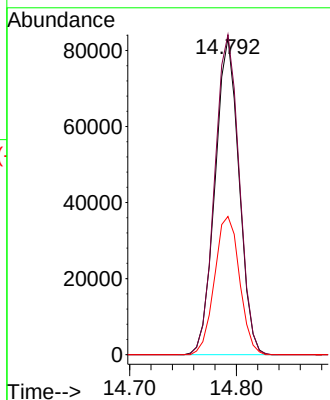
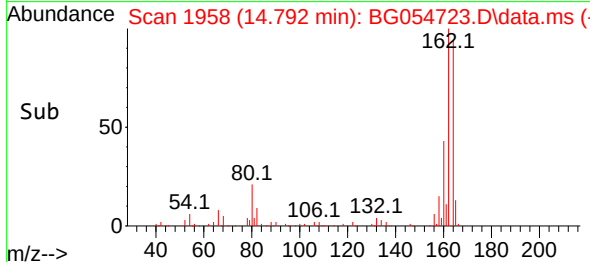
Instrument :
BNA_G
ClientSampleId :
C5MS



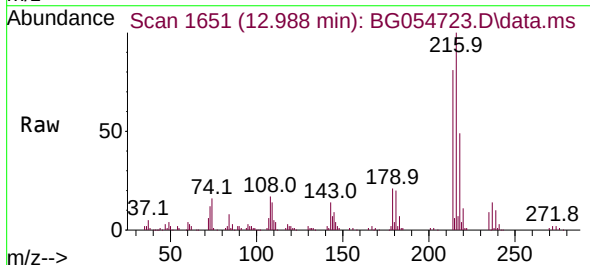
Tgt Ion:164 Resp: 130086
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.4
160 43.7 38.0 57.0

Manual Integrations
APPROVED

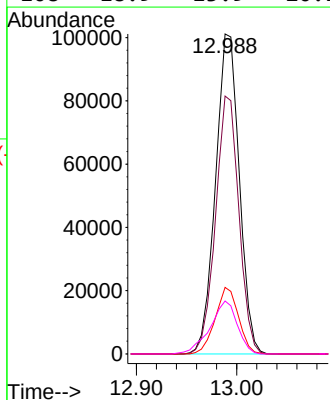
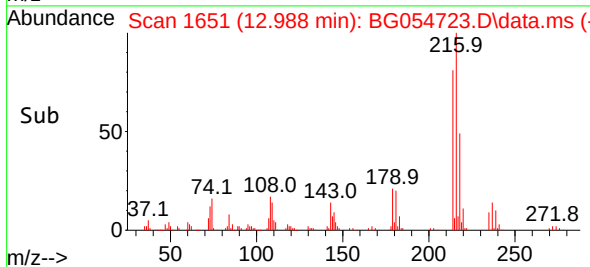
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

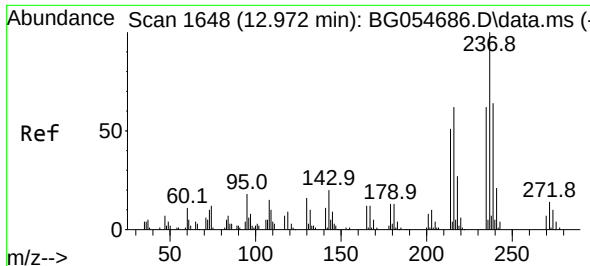


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.483 ng
RT: 12.988 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



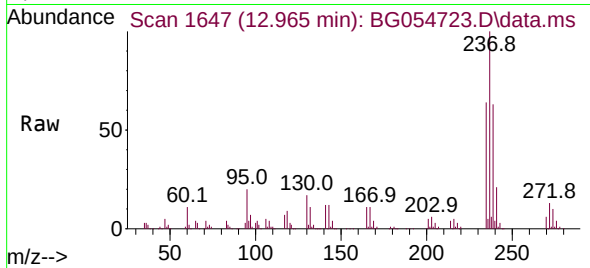
Tgt Ion:216 Resp: 166606
Ion Ratio Lower Upper
216 100
214 79.0 63.2 94.8
179 20.3 16.5 24.7
108 18.9 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 104.238 ng
RT: 12.965 min Scan# 1647
Delta R.T. -0.007 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

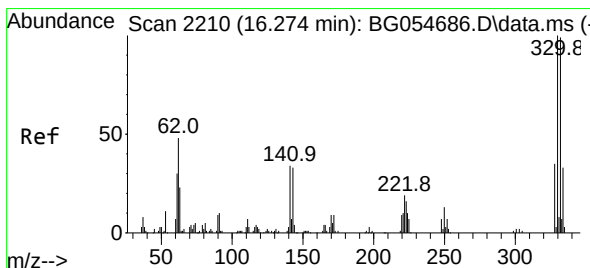
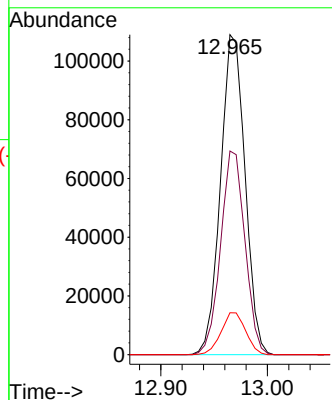
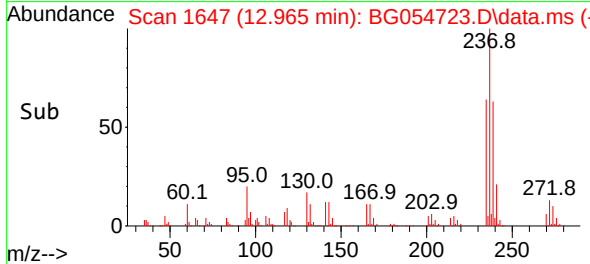
Instrument :
BNA_G
ClientSampleId :
C5MS



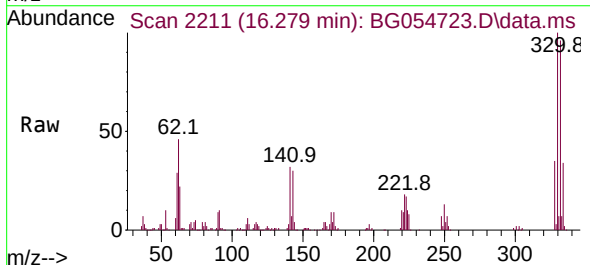
Tgt Ion: 237 Resp: 174013
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 13.1 0.0 34.0

Manual Integrations
APPROVED

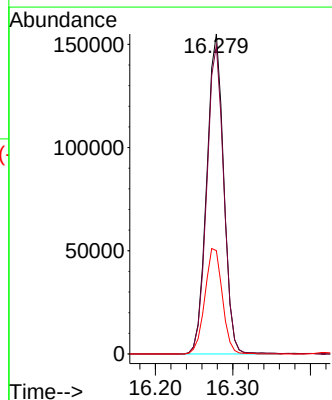
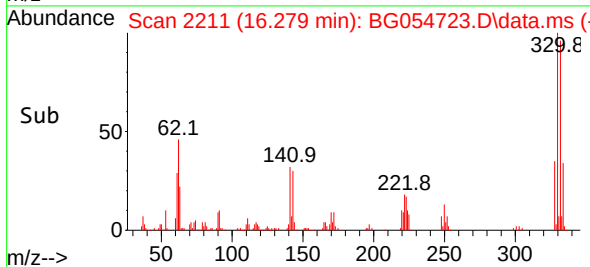
Reviewed By : Christian Giraldo 08/25/2022
Supervised By : Jagrut Upadhyay 08/25/2022

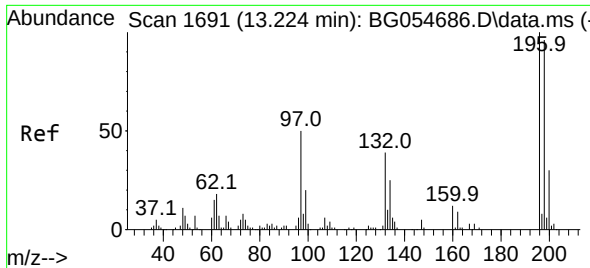


#42
2,4,6-Tribromophenol
Concen: 225.668 ng
RT: 16.279 min Scan# 2211
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



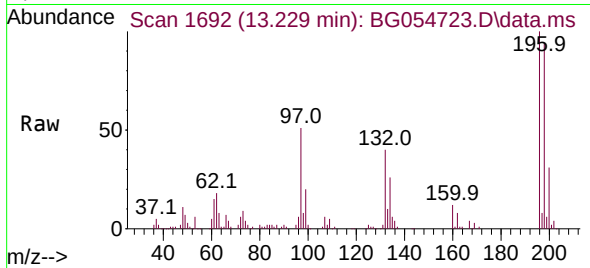
Tgt Ion: 330 Resp: 235097
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 33.9 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 58.577 ng
RT: 13.229 min Scan# 1691
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

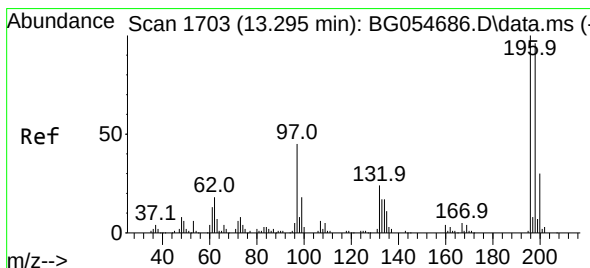
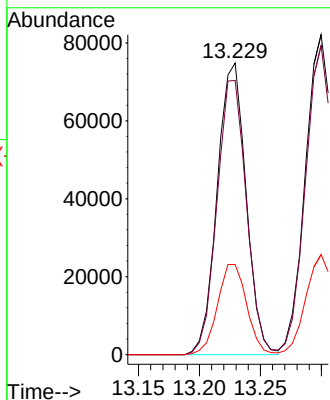
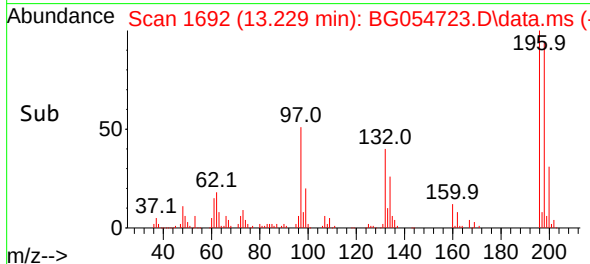
Instrument :
BNA_G
ClientSampleId :
C5MS



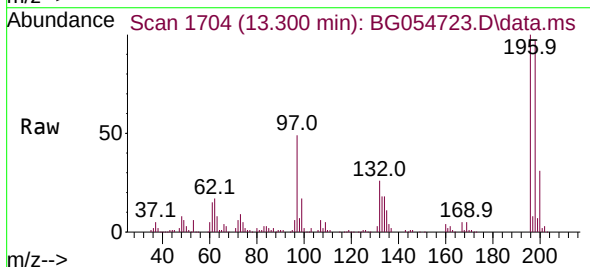
Tgt Ion:196 Resp: 123596
Ion Ratio Lower Upper
196 100
198 94.0 77.1 115.7
200 30.9 24.2 36.4

Manual Integrations
APPROVED

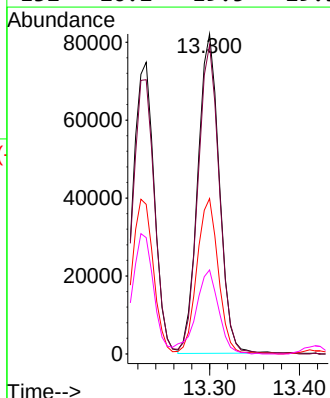
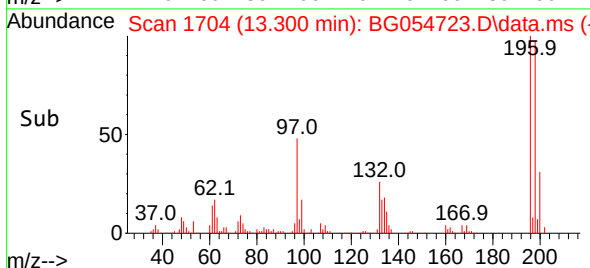
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

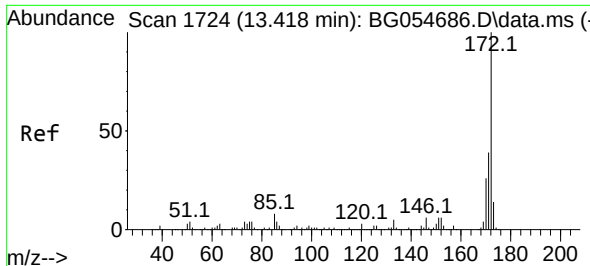


#44
2,4,5-Trichlorophenol
Concen: 57.116 ng
RT: 13.300 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



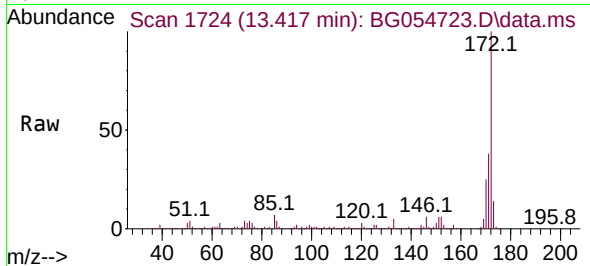
Tgt Ion:196 Resp: 136394
Ion Ratio Lower Upper
196 100
198 96.6 76.7 115.1
97 48.5 36.6 55.0
132 26.2 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 77.511 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

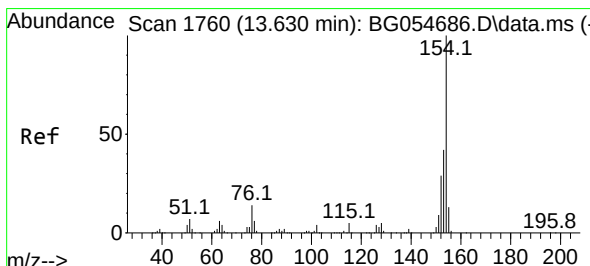
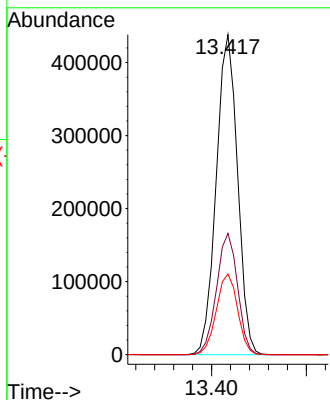
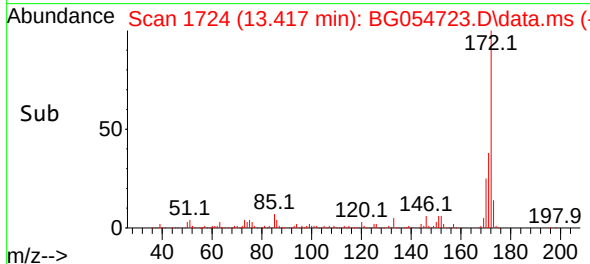
Instrument :
BNA_G
ClientSampleId :
C5MS



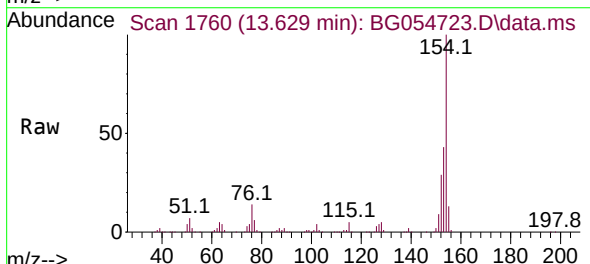
Tgt Ion:172 Resp: 683734
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.2 20.6 30.8

Manual Integrations
APPROVED

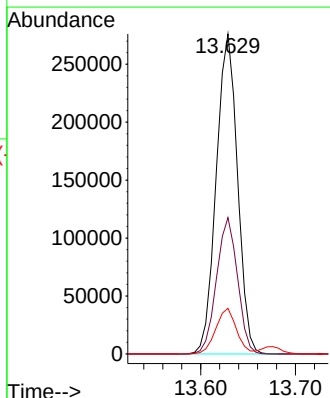
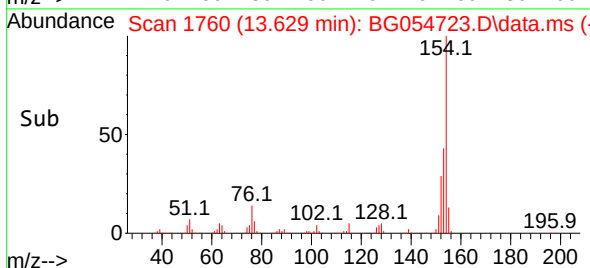
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

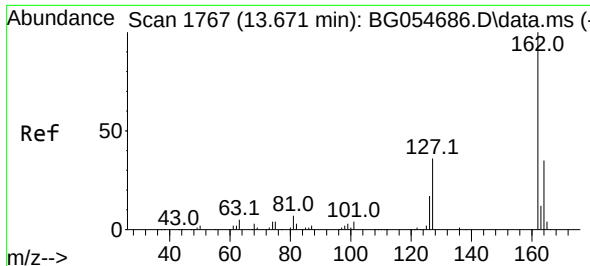


#46
1,1'-Biphenyl
Concen: 43.612 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



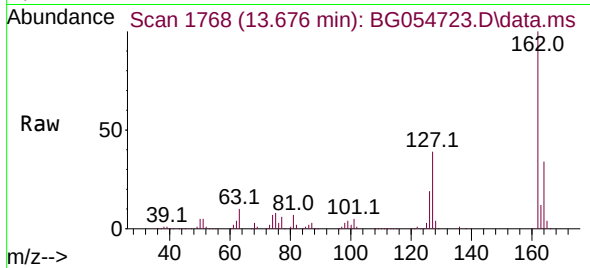
Tgt Ion:154 Resp: 429283
Ion Ratio Lower Upper
154 100
153 42.6 22.2 62.2
76 14.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.756 ng
RT: 13.676 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

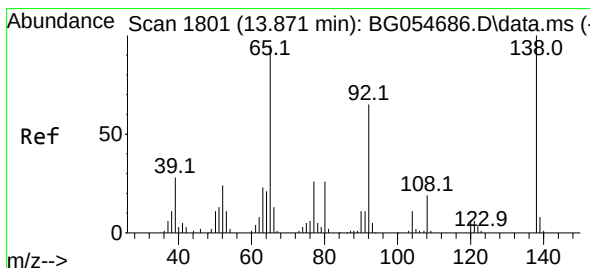
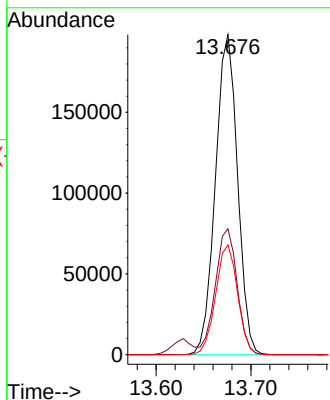
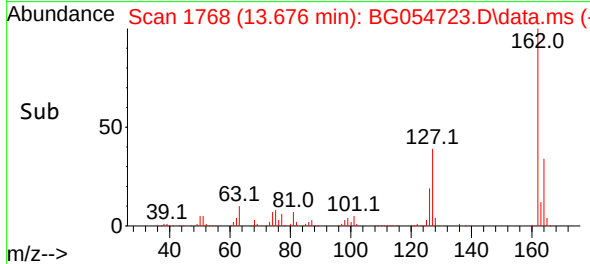
Instrument :
BNA_G
ClientSampleId :
C5MS



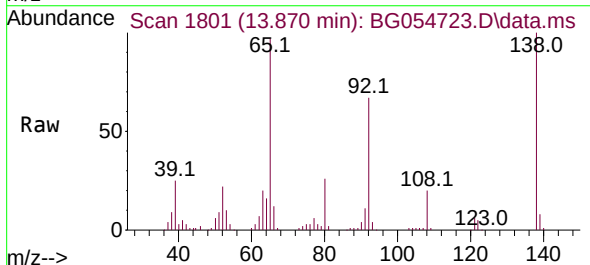
Tgt Ion:162 Resp: 321043
Ion Ratio Lower Upper
162 100
127 39.3 31.5 47.3
164 34.3 27.8 41.6

Manual Integrations
APPROVED

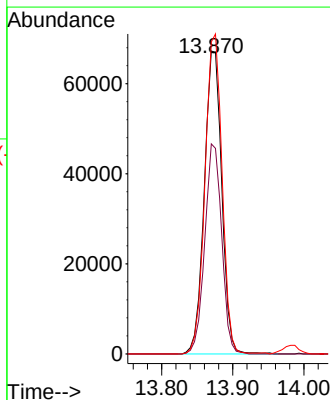
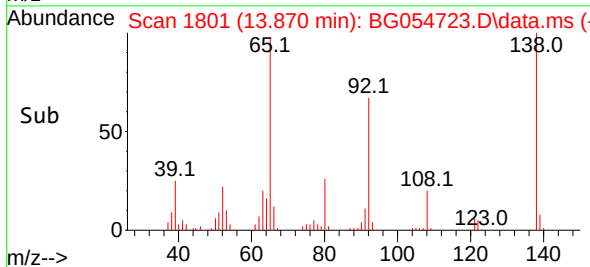
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

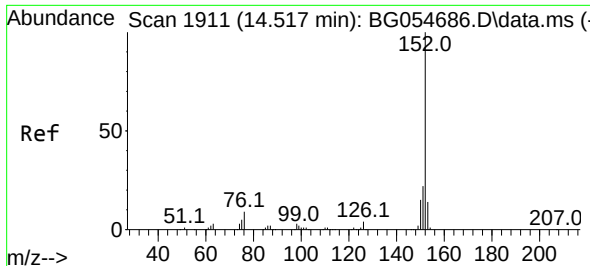


#48
2-Nitroaniline
Concen: 60.583 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



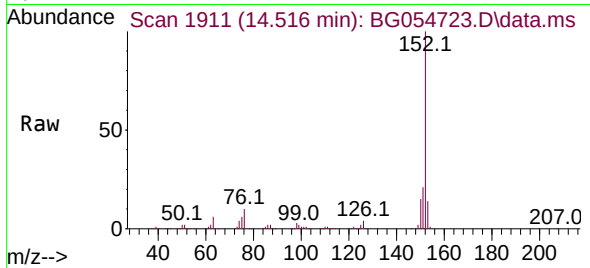
Tgt Ion: 65 Resp: 114267
Ion Ratio Lower Upper
65 100
92 69.4 54.7 82.1
138 103.0 84.1 126.1





#49
Acenaphthylene
Concen: 45.142 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

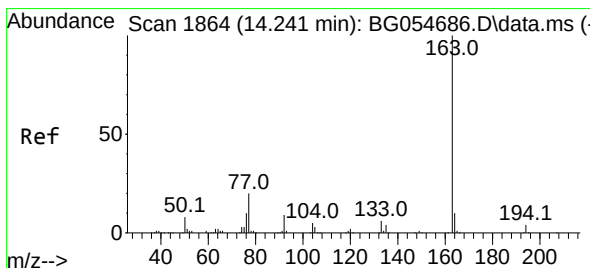
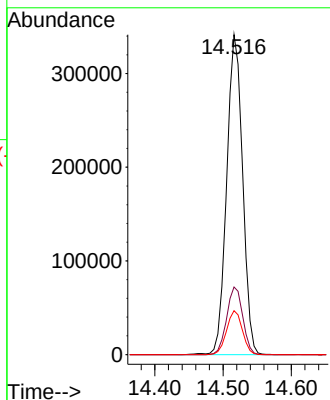
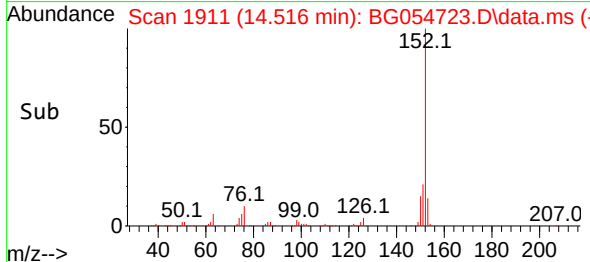
Instrument :
BNA_G
ClientSampleId :
C5MS



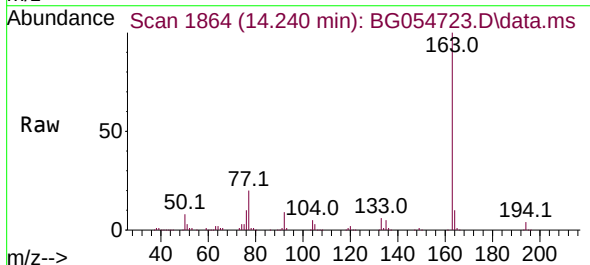
Tgt Ion:152 Resp: 550951
Ion Ratio Lower Upper
152 100
151 21.1 17.3 25.9
153 13.7 10.8 16.2

Manual Integrations
APPROVED

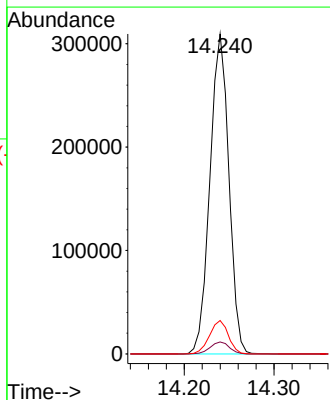
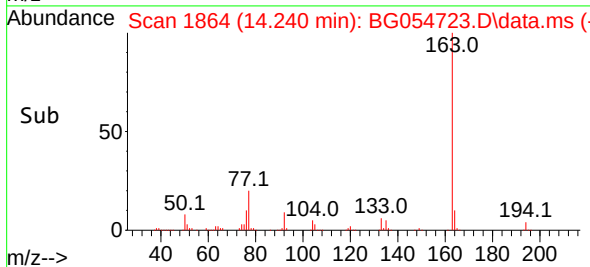
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

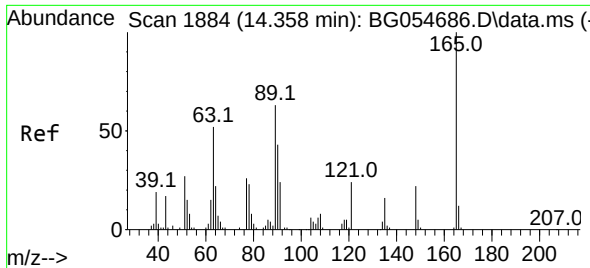


#50
Dimethylphthalate
Concen: 51.863 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



Tgt Ion:163 Resp: 454302
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.0 12.0





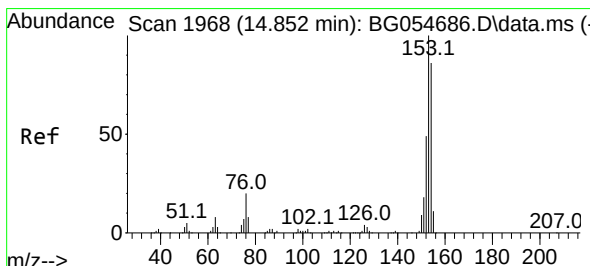
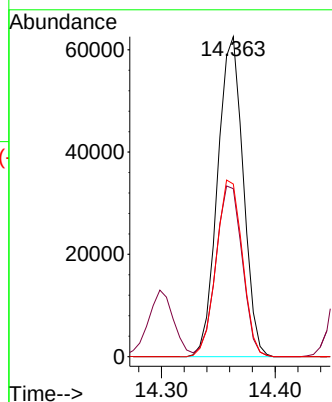
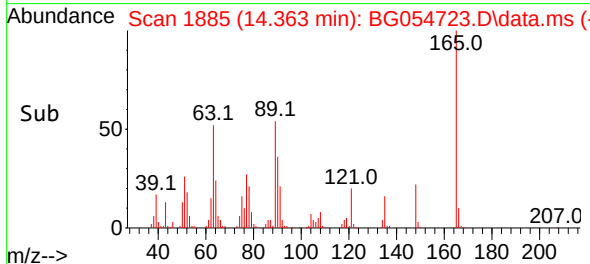
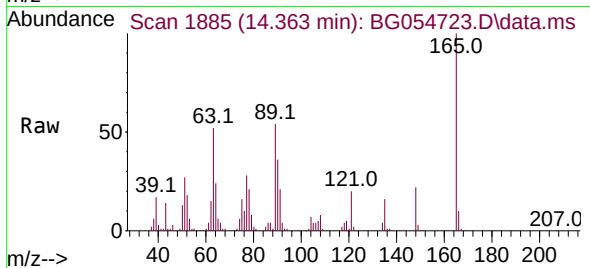
#51
2,6-Dinitrotoluene
Concen: 61.364 ng
RT: 14.363 min Scan# 1885
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :
BNA_G
ClientSampleId :
C5MS

Tgt Ion:165 Resp: 97762
Ion Ratio Lower Upper
165 100
63 52.5 46.0 69.0
89 53.9 50.3 75.5

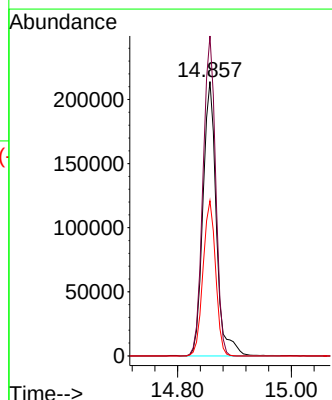
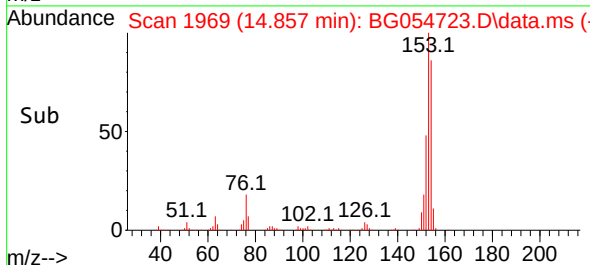
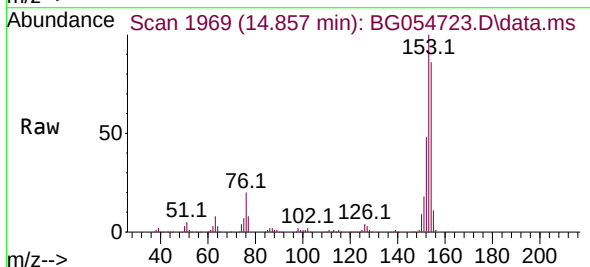
Manual Integrations
APPROVED

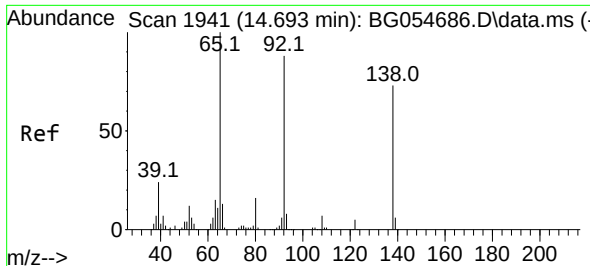
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#52
Acenaphthene
Concen: 46.786 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

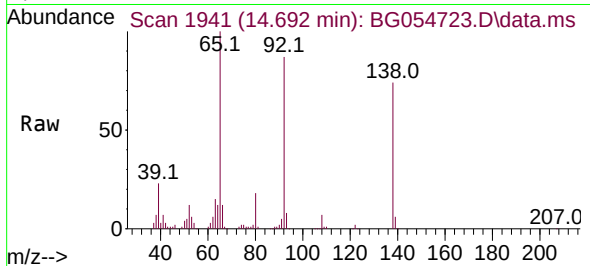
Tgt Ion:154 Resp: 350094
Ion Ratio Lower Upper
154 100
153 116.6 92.8 139.2
152 56.5 45.4 68.2





#53
3-Nitroaniline
Concen: 35.045 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

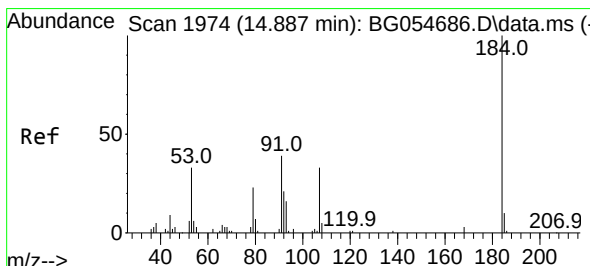
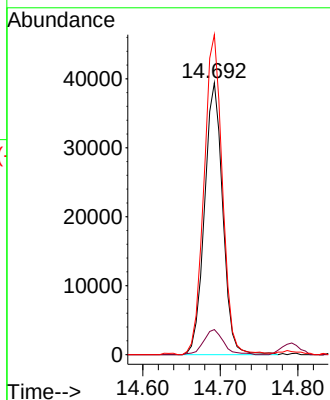
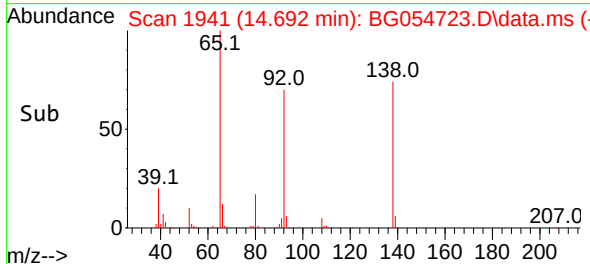
Instrument :
BNA_G
ClientSampleId :
C5MS



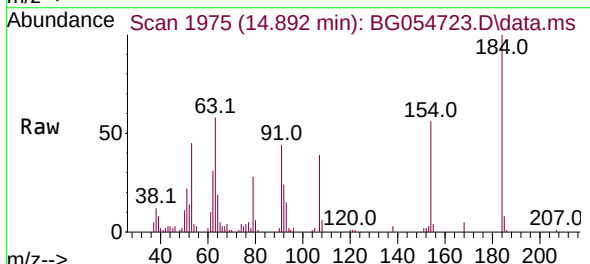
Tgt Ion:138 Resp: 64384
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 117.7 96.0 144.0

Manual Integrations
APPROVED

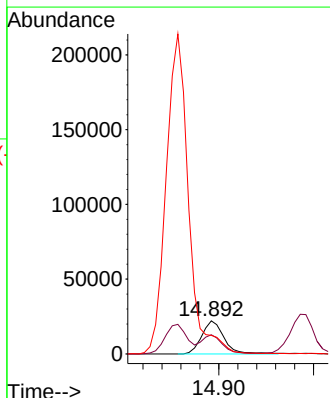
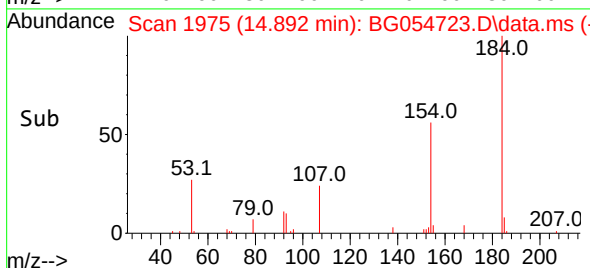
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

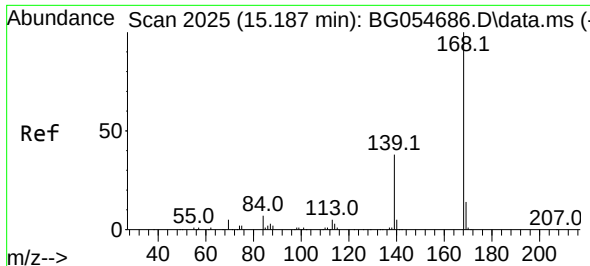


#54
2,4-Dinitrophenol
Concen: 62.842 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



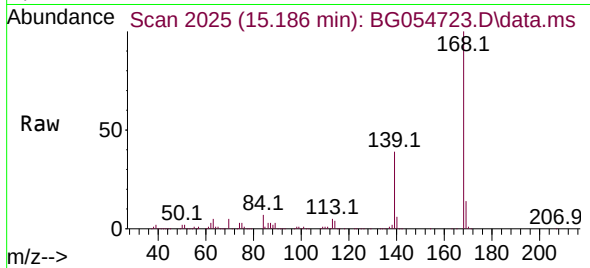
Tgt Ion:184 Resp: 35708
Ion Ratio Lower Upper
184 100
63 57.9 41.8 62.8
154 56.0 45.2 67.8





#55
Dibenzofuran
Concen: 46.268 ng
RT: 15.186 min Scan# 2025
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

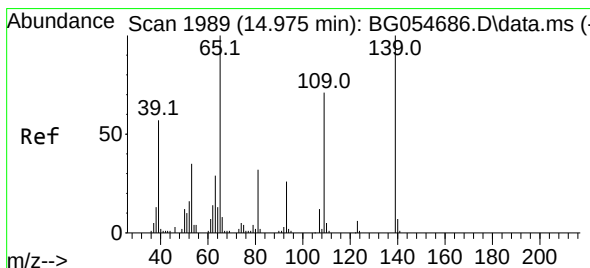
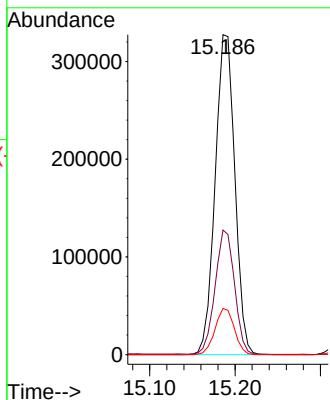
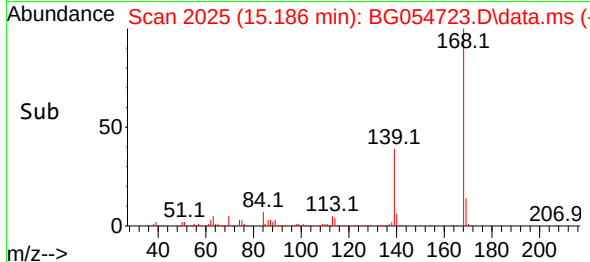
Instrument :
BNA_G
ClientSampleId :
C5MS



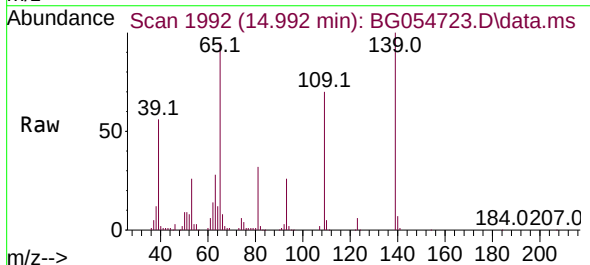
Tgt Ion:168 Resp: 524675
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.2
169 14.4 11.3 16.9

Manual Integrations
APPROVED

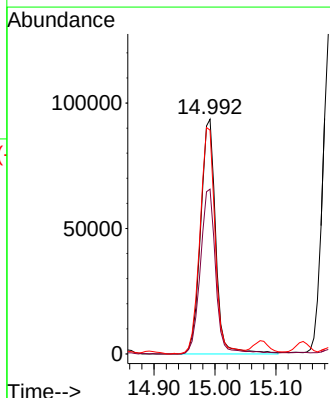
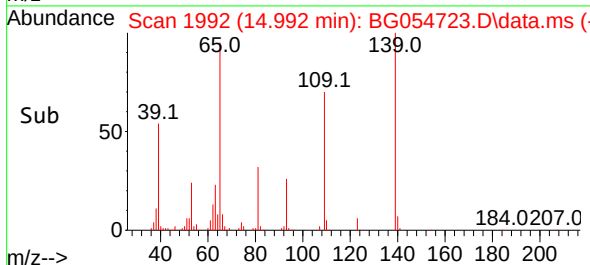
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

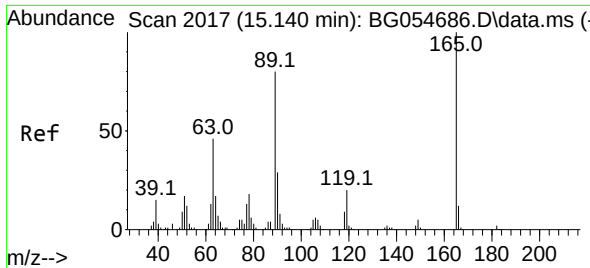


#56
4-Nitrophenol
Concen: 117.323 ng
RT: 14.992 min Scan# 1992
Delta R.T. 0.017 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



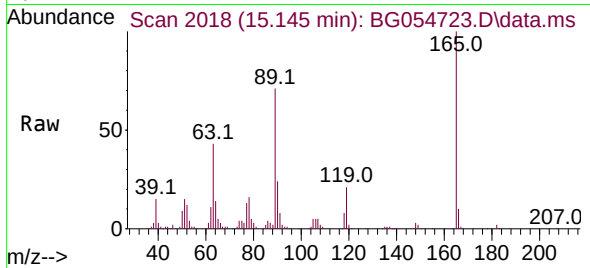
Tgt Ion:139 Resp: 160210
Ion Ratio Lower Upper
139 100
109 70.2 50.5 90.5
65 95.4 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 58.086 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

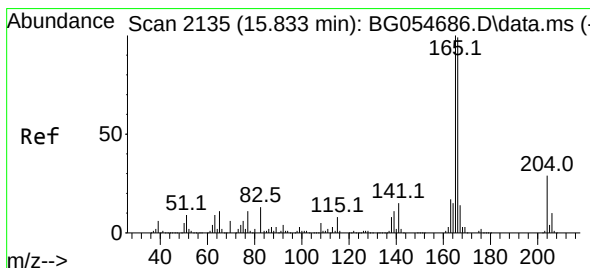
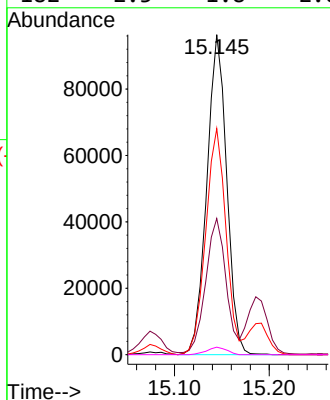
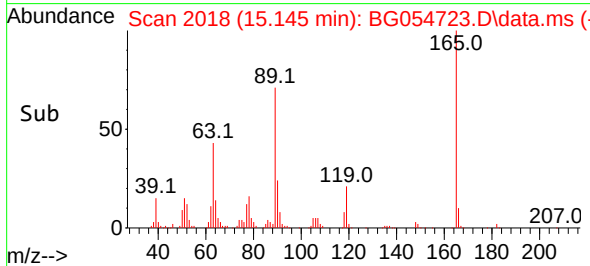
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:165 Resp: 140679
Ion Ratio Lower Upper
165 100
63 42.5 36.8 55.2
89 70.6 64.3 96.5
182 2.3 1.8 2.6

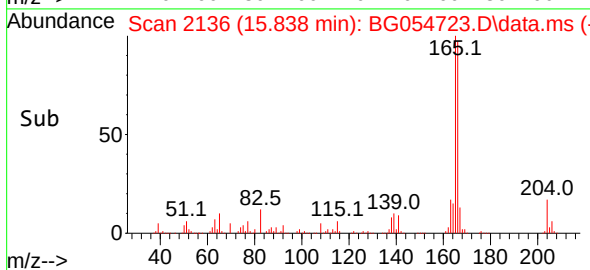
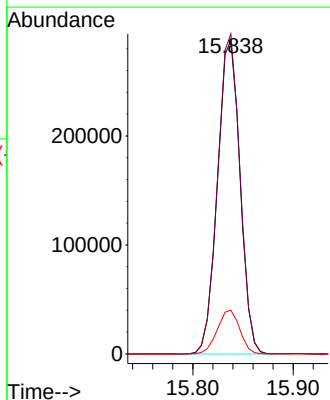
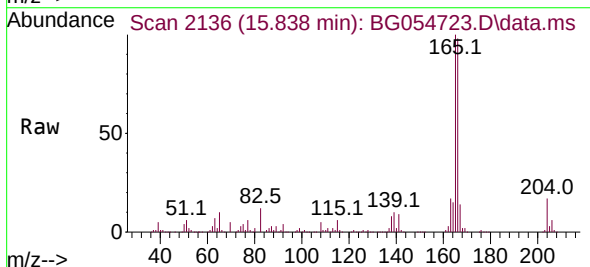
Manual Integrations
APPROVED

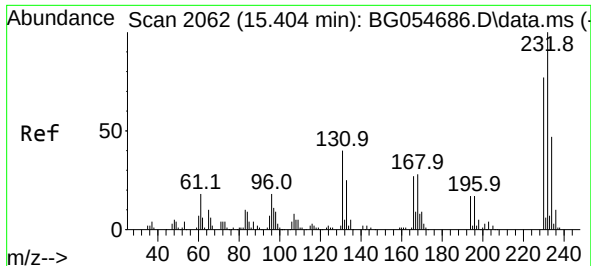
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#58
Fluorene
Concen: 47.891 ng
RT: 15.838 min Scan# 2136
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

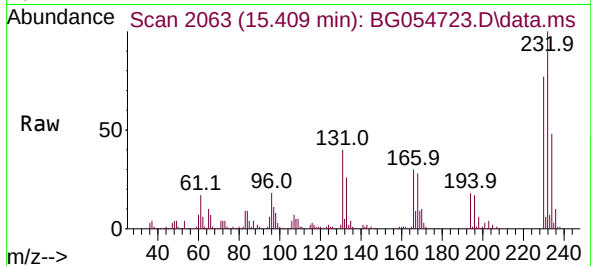
Tgt Ion:166 Resp: 448957
Ion Ratio Lower Upper
166 100
165 102.1 80.8 121.2
167 13.9 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.561 ng
RT: 15.409 min Scan# 2063
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

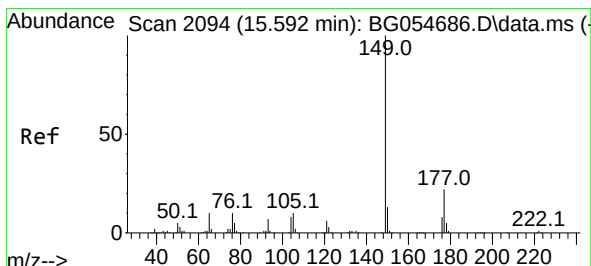
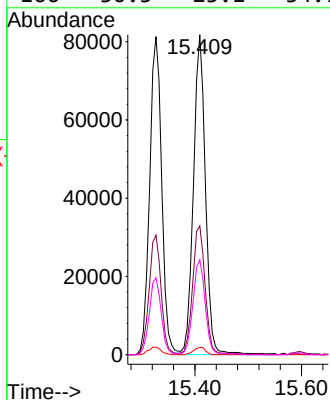
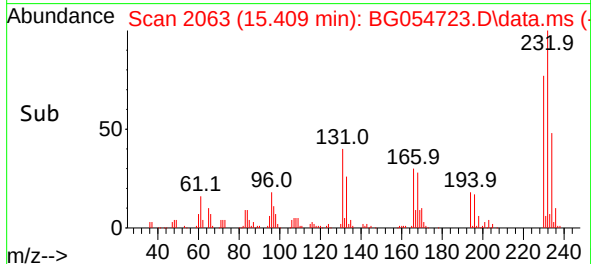
Instrument :
BNA_G
ClientSampleId :
C5MS



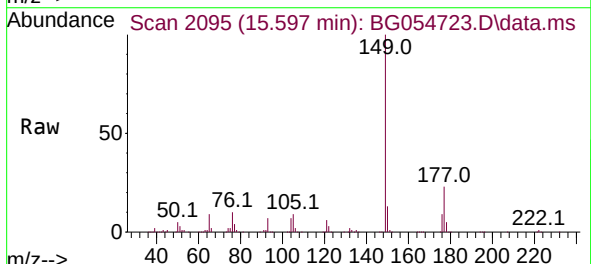
Tgt Ion:232 Resp: 128352
Ion Ratio Lower Upper
232 100
131 42.0 31.3 46.9
130 2.2 1.8 2.6
166 30.3 23.1 34.7

Manual Integrations
APPROVED

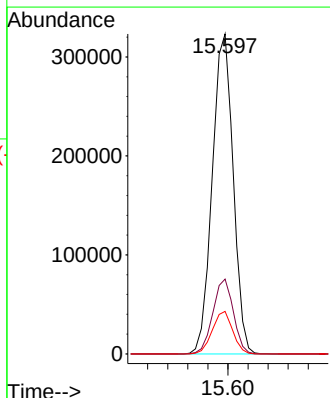
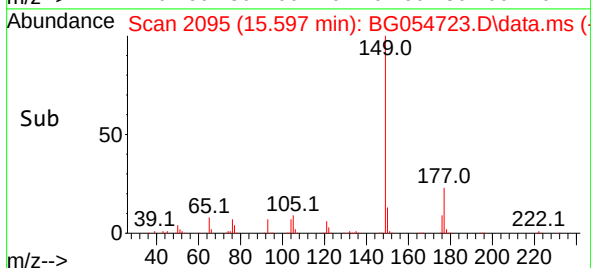
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

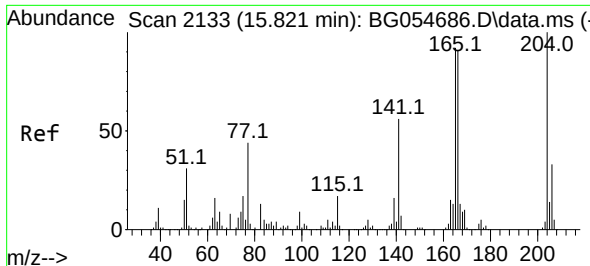


#60
Diethylphthalate
Concen: 54.767 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



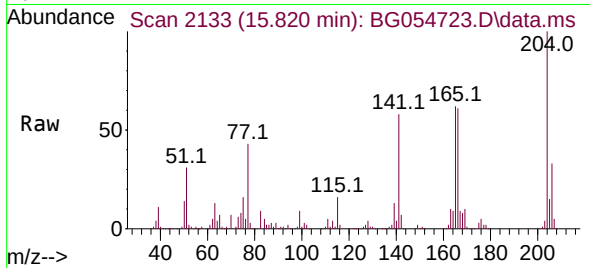
Tgt Ion:149 Resp: 467962
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.6
150 13.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.822 ng
RT: 15.820 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

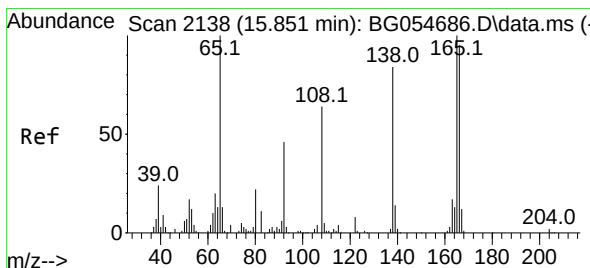
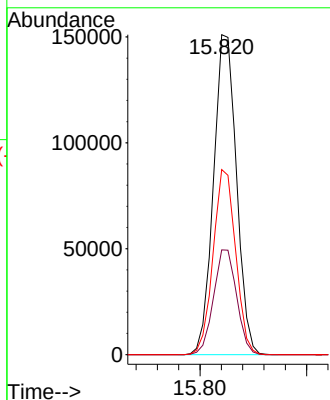
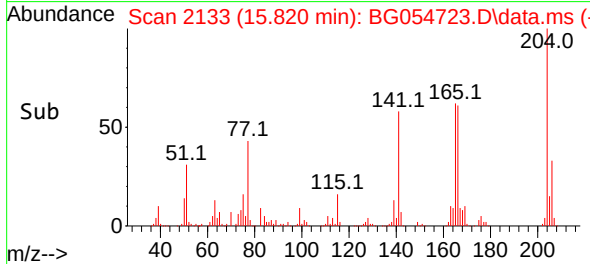
Instrument :
BNA_G
ClientSampleId :
C5MS



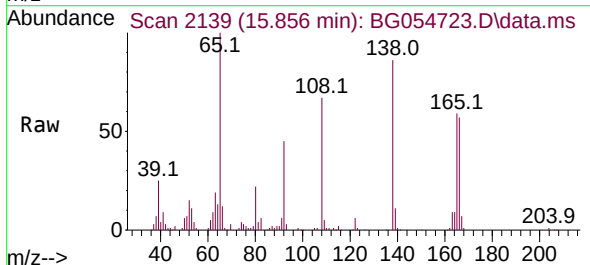
Tgt Ion:204 Resp: 226643
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 57.8 44.9 67.3

Manual Integrations
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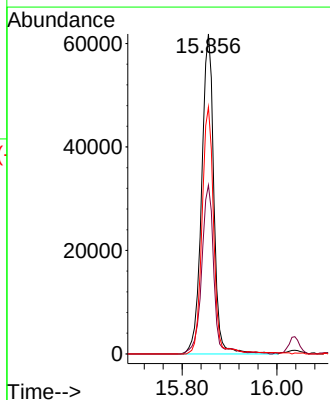
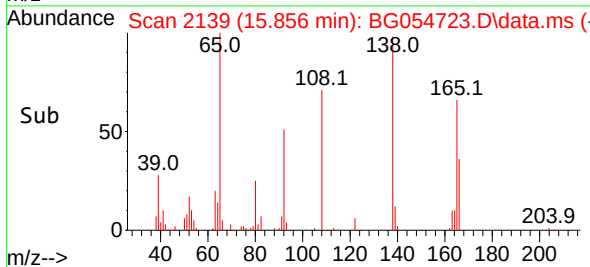
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

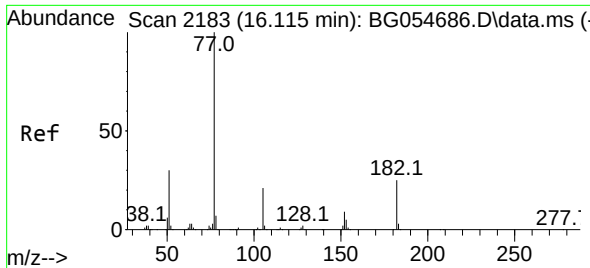


#62
4-Nitroaniline
Concen: 55.216 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



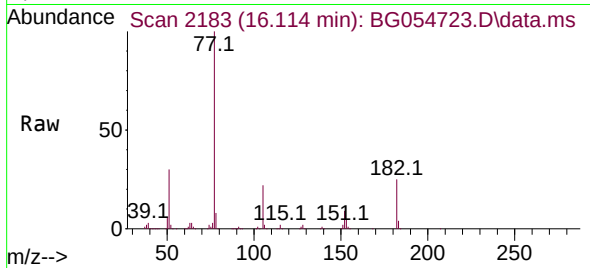
Tgt Ion:138 Resp: 110547
Ion Ratio Lower Upper
138 100
92 52.7 34.7 74.7
108 77.1 56.2 96.2





#63
Azobenzene
Concen: 46.937 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

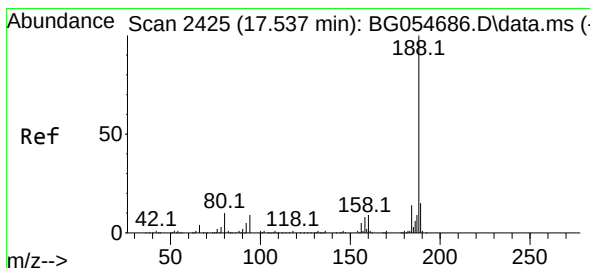
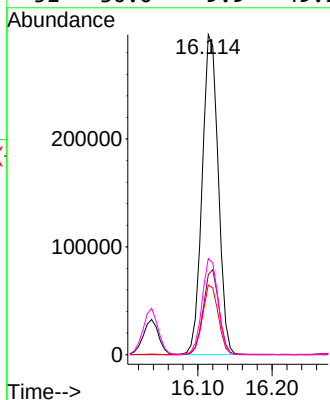
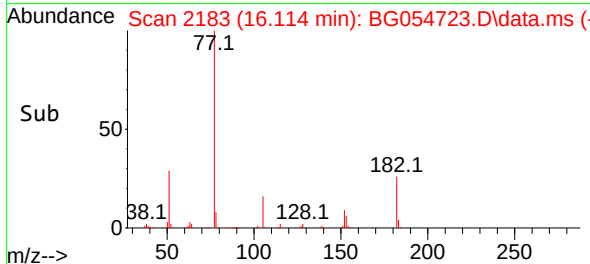
Instrument :
BNA_G
ClientSampleId :
C5MS



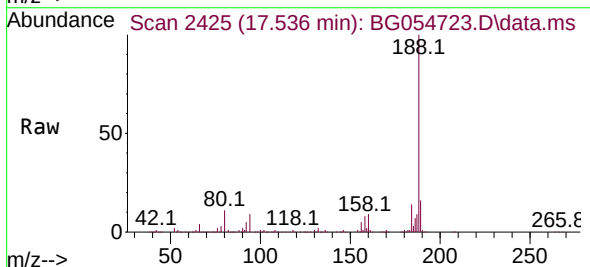
Tgt Ion: 77 Resp: 445418
Ion Ratio Lower Upper
77 100
182 25.0 5.1 45.1
105 21.7 0.7 40.7
51 30.0 9.9 49.9

Manual Integrations
APPROVED

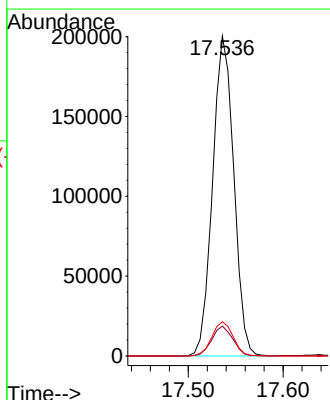
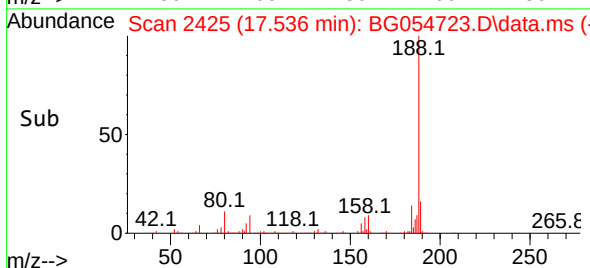
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

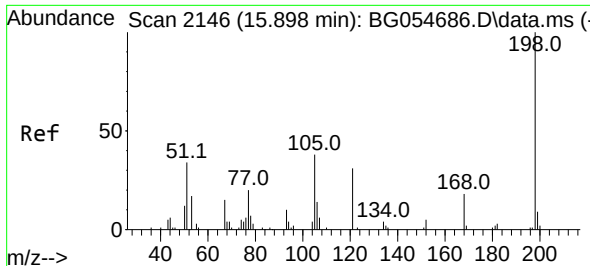


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



Tgt Ion:188 Resp: 310879
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.7 7.9 11.9





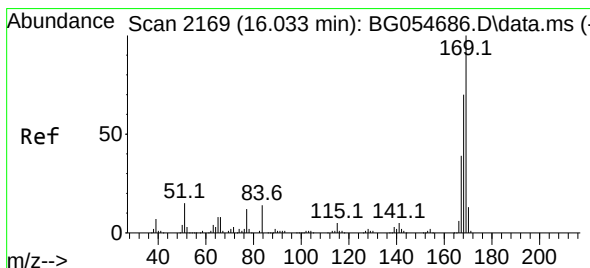
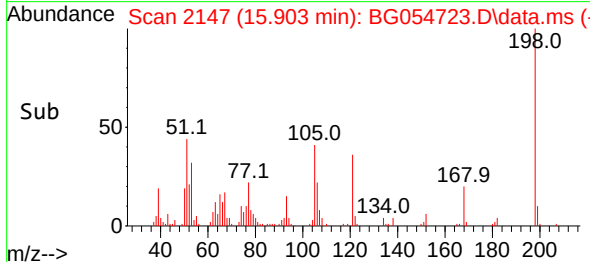
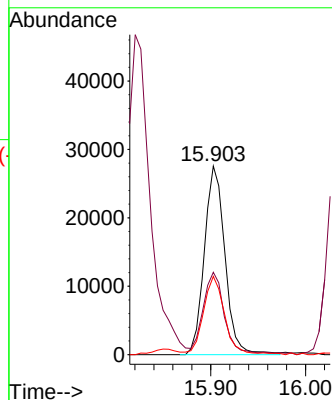
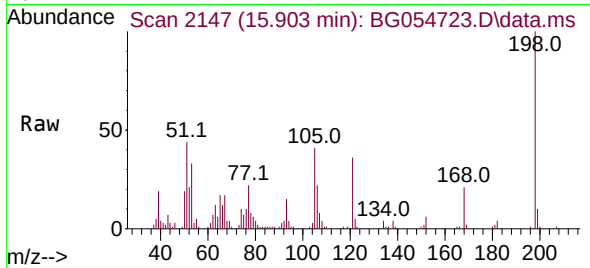
#65
4,6-Dinitro-2-methylphenol
Concen: 43.893 ng
RT: 15.903 min Scan# 2146
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :
BNA_G
ClientSampleId :
C5MS

Tgt Ion:198 Resp: 41682
Ion Ratio Lower Upper
198 100
51 43.6 19.9 59.9
105 41.4 20.3 60.3

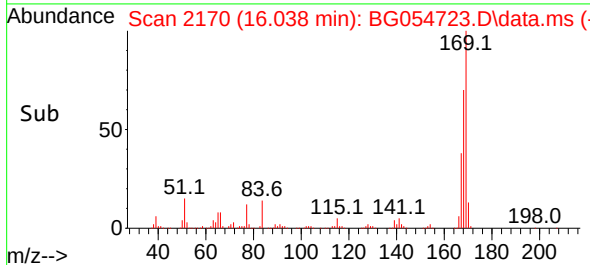
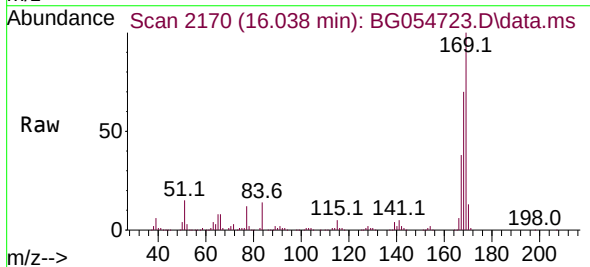
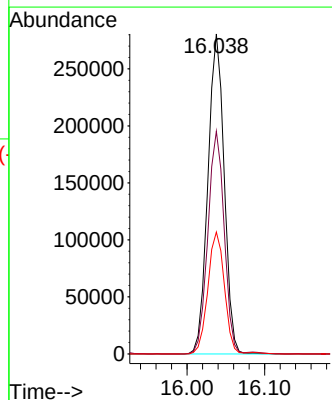
Manual Integrations
APPROVED

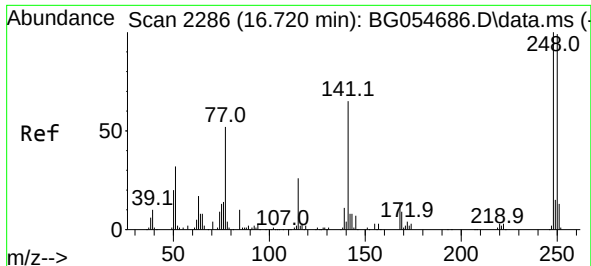
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#66
n-Nitrosodiphenylamine
Concen: 46.132 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

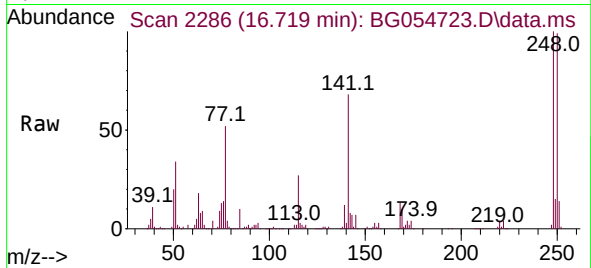
Tgt Ion:169 Resp: 407541
Ion Ratio Lower Upper
169 100
168 69.6 55.6 83.4
167 38.1 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 52.622 ng
RT: 16.719 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

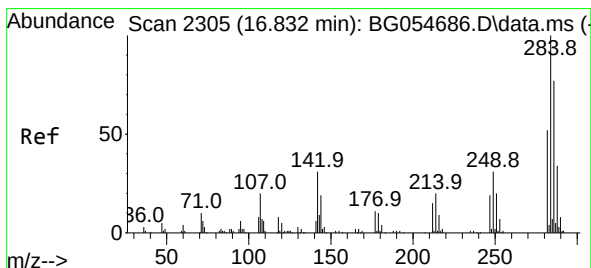
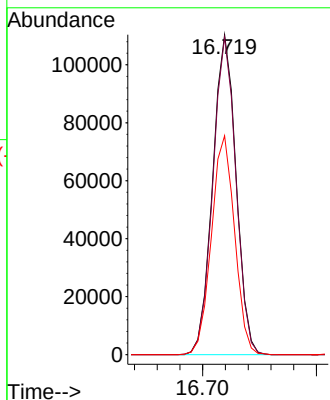
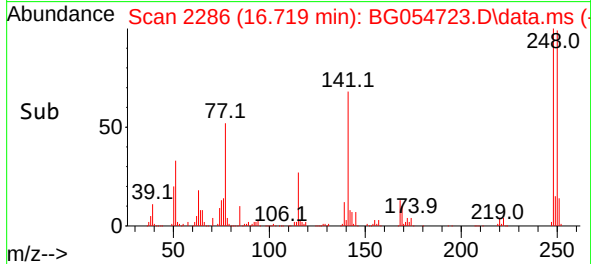
Instrument :
BNA_G
ClientSampleId :
C5MS



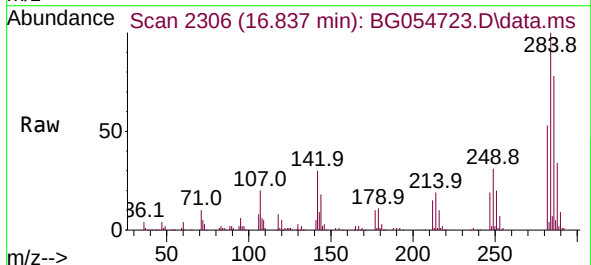
Tgt Ion:248 Resp: 157476
Ion Ratio Lower Upper
248 100
250 99.2 78.8 118.2
141 68.4 51.9 77.9

Manual Integrations
APPROVED

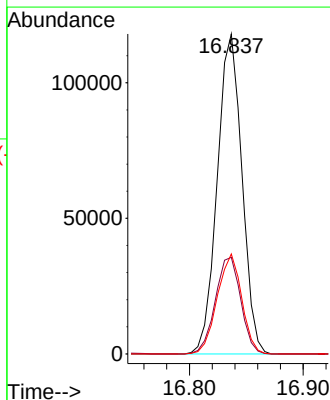
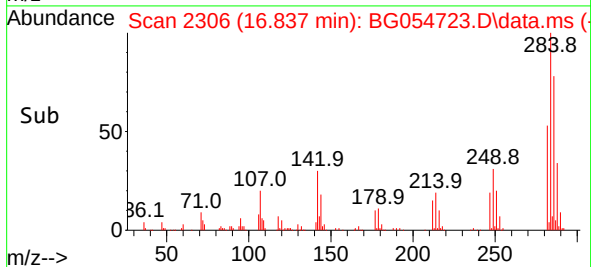
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

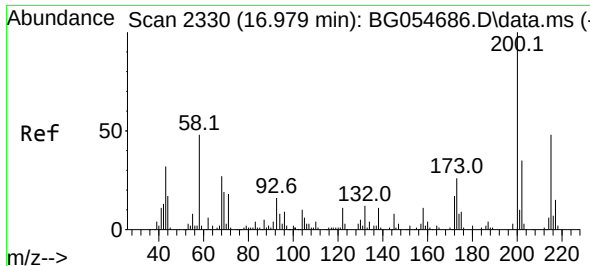


#68
Hexachlorobenzene
Concen: 47.125 ng
RT: 16.837 min Scan# 2306
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



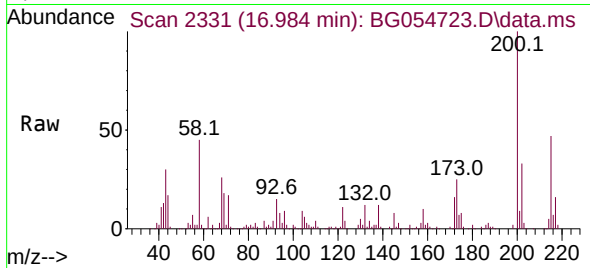
Tgt Ion:284 Resp: 177939
Ion Ratio Lower Upper
284 100
142 30.2 25.0 37.6
249 31.2 24.5 36.7





#69
 Atrazine
 Concen: 60.279 ng
 RT: 16.984 min Scan# 2331
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

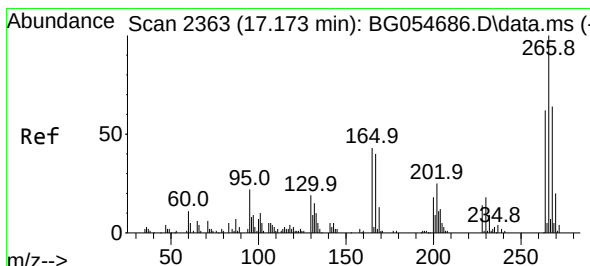
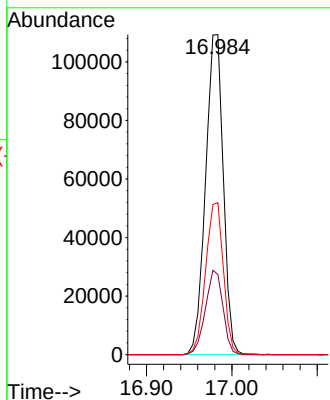
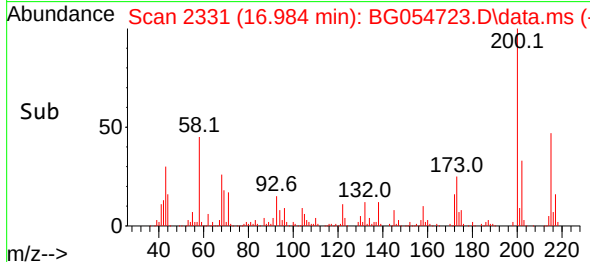
Instrument :
 BNA_G
 ClientSampleId :
 C5MS



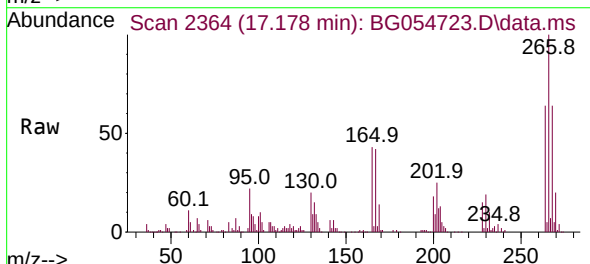
Tgt Ion:200 Resp: 157806
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.6 45.6
 215 47.5 28.2 68.2

Manual Integrations
 APPROVED

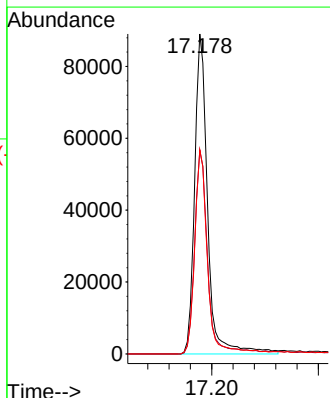
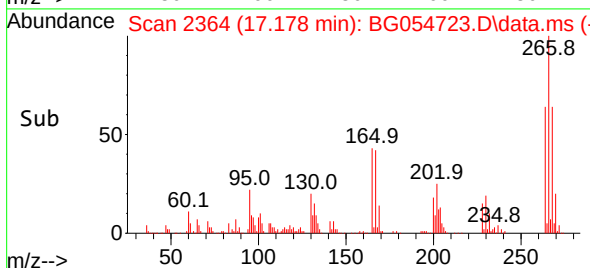
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

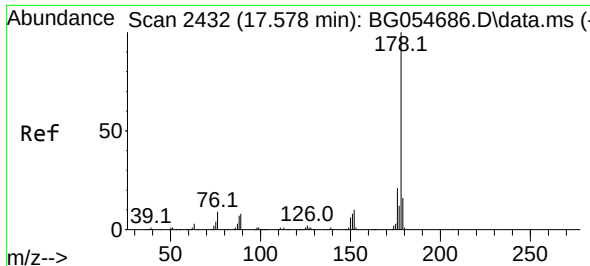


#70
 Pentachlorophenol
 Concen: 72.508 ng
 RT: 17.178 min Scan# 2364
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59



Tgt Ion:266 Resp: 150625
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.2 76.8
 264 63.8 49.4 74.0





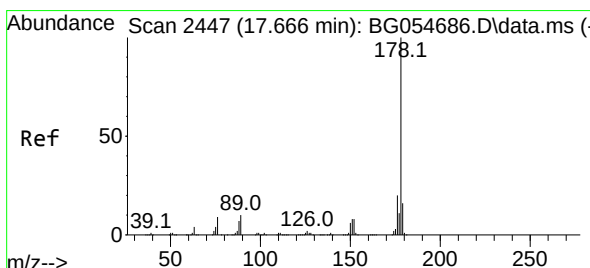
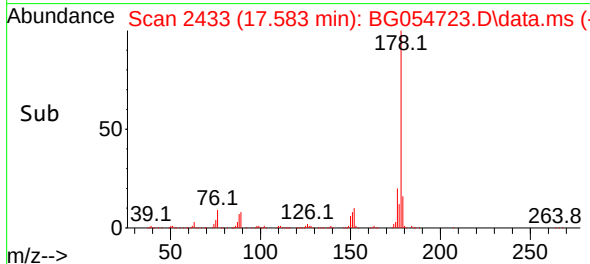
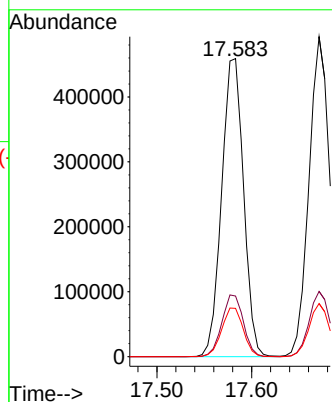
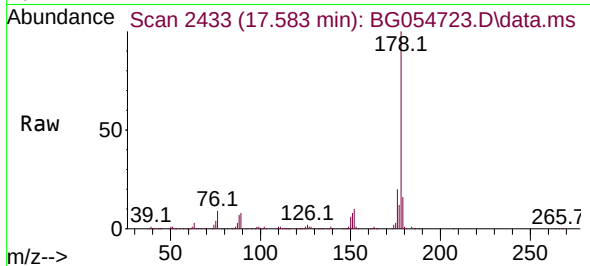
#71
Phenanthrene
Concen: 44.497 ng
RT: 17.583 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Instrument :
BNA_G
ClientSampleId :
C5MS

Tgt Ion:178 Resp: 737348
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 16.2 12.8 19.2

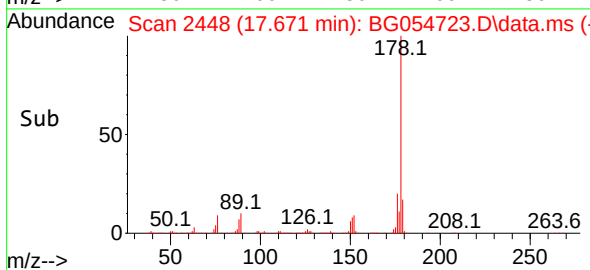
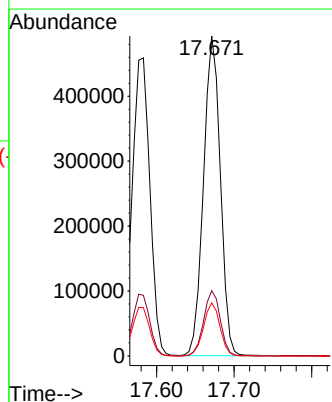
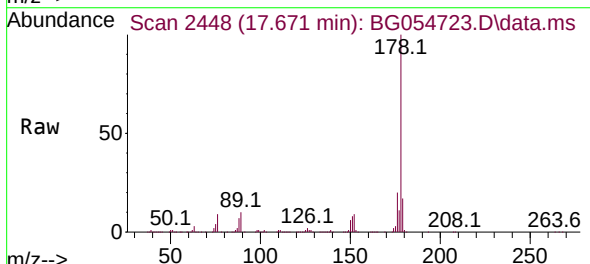
Manual Integrations
APPROVED

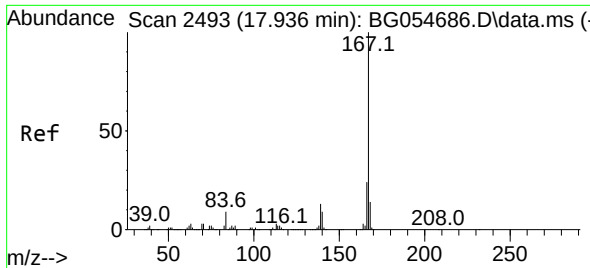
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#72
Anthracene
Concen: 46.360 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

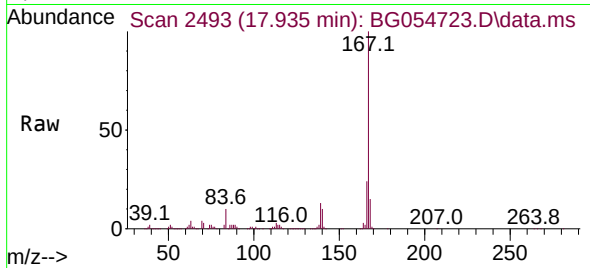
Tgt Ion:178 Resp: 744420
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.6 12.9 19.3





#73
 Carbazole
 Concen: 47.681 ng
 RT: 17.935 min Scan# 2493
 Delta R.T. -0.001 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

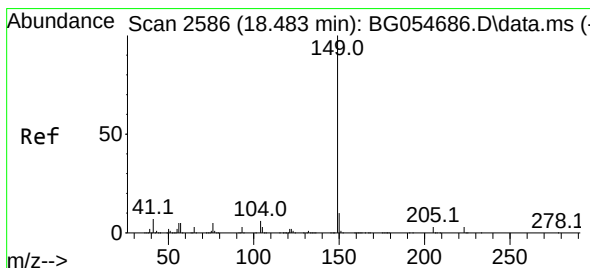
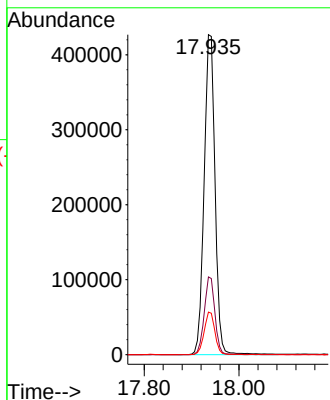
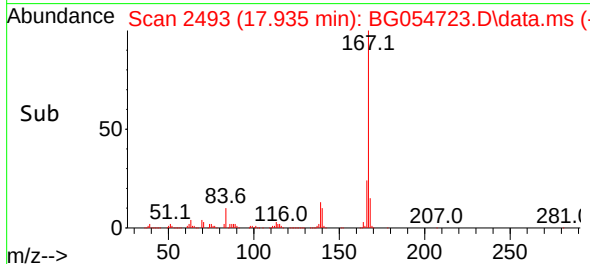
Instrument :
 BNA_G
 ClientSampleId :
 C5MS



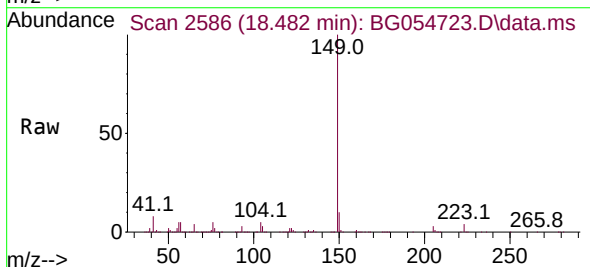
Tgt Ion:167 Resp: 681160
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.8 28.2
 139 13.3 10.2 15.4

Manual Integrations
 APPROVED

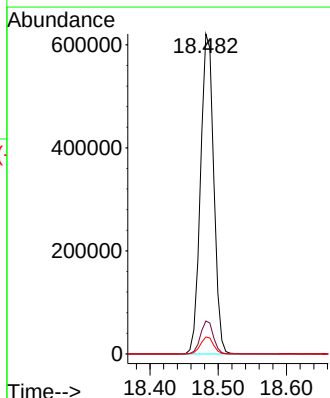
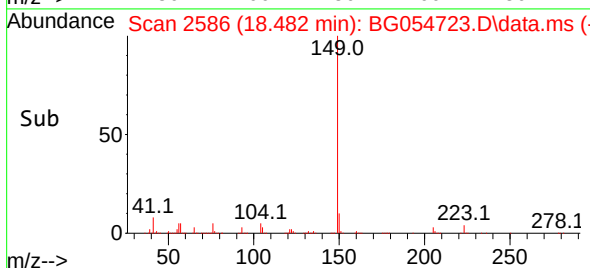
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

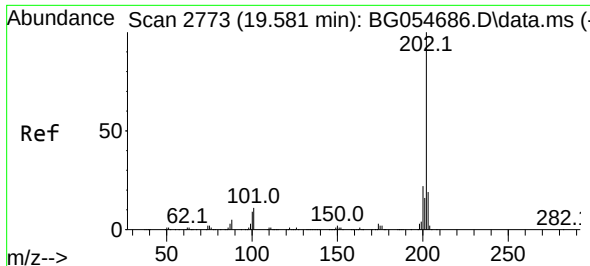


#74
 Di-n-butylphthalate
 Concen: 54.949 ng
 RT: 18.482 min Scan# 2586
 Delta R.T. -0.001 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59



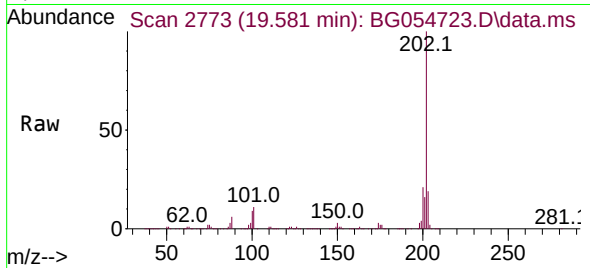
Tgt Ion:149 Resp: 837457
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.0 12.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 44.391 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

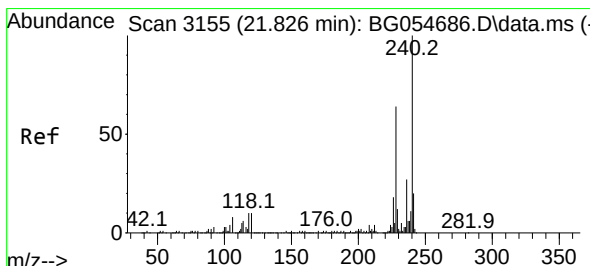
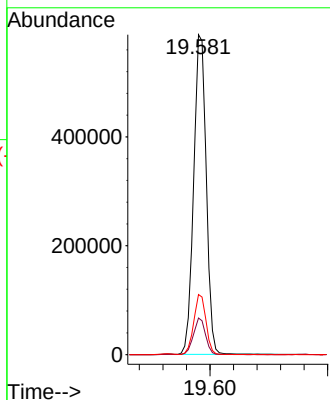
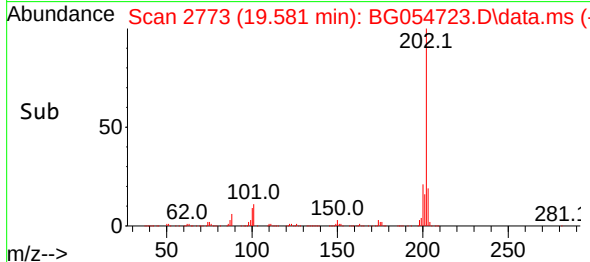
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:202 Resp: 86723
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.8 0.0 38.6

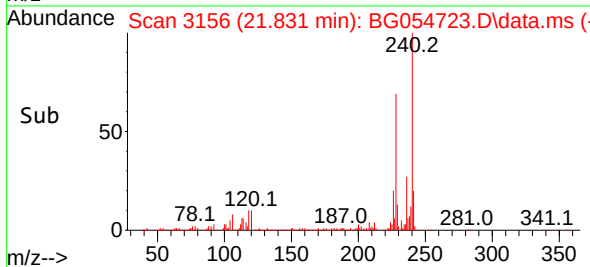
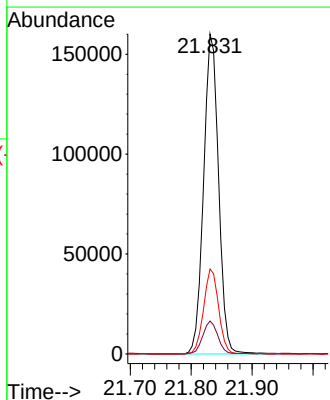
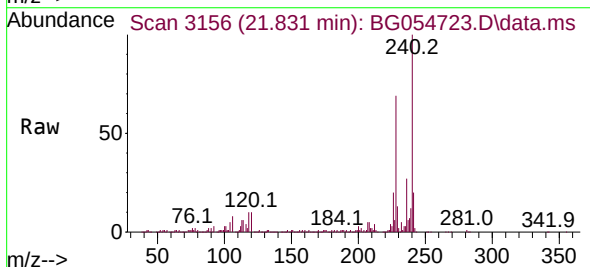
Manual Integrations
APPROVED

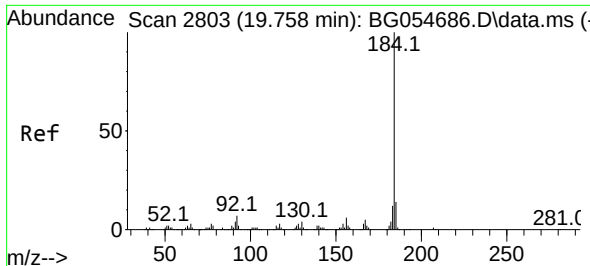
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

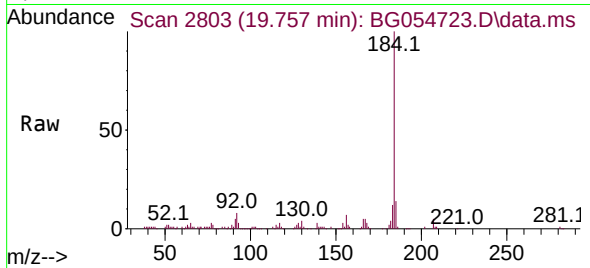
Tgt Ion:240 Resp: 273271
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.5 21.2 31.8





#77
Benzidine
Concen: 18.467 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

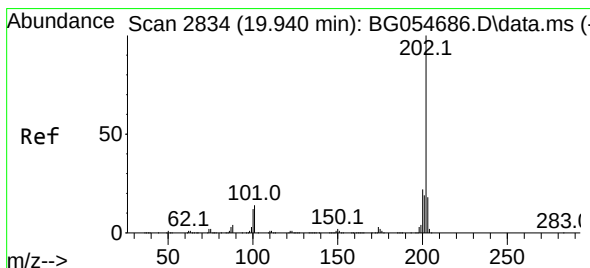
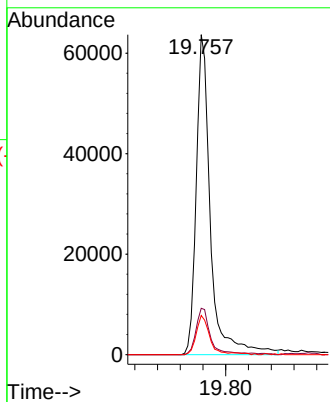
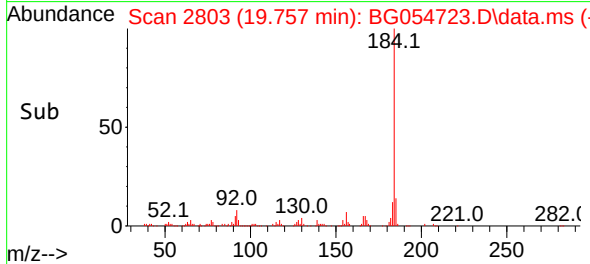
Instrument :
BNA_G
ClientSampleId :
C5MS



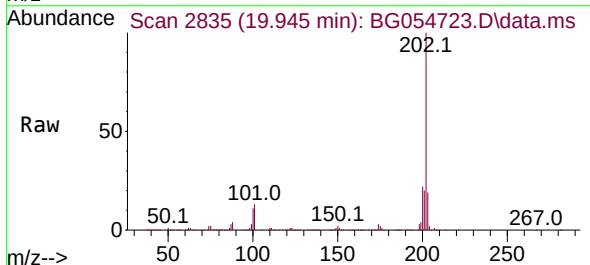
Tgt Ion:184 Resp: 109573
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 12.2 9.8 14.8

Manual Integrations
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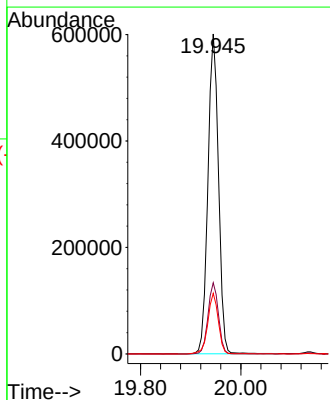
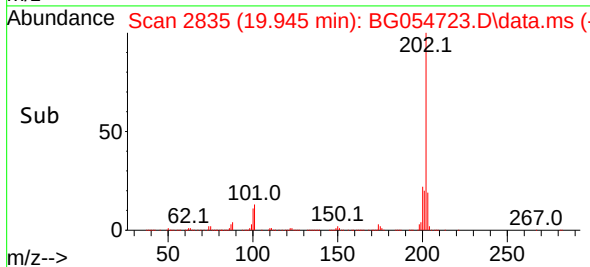
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

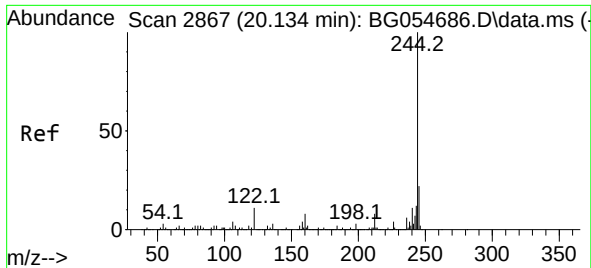


#78
Pyrene
Concen: 45.462 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



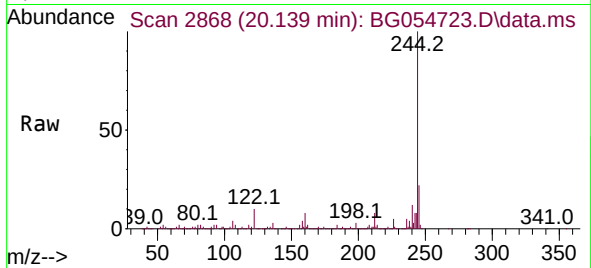
Tgt Ion:202 Resp: 876316
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 90.005 ng
 RT: 20.139 min Scan# 2867
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

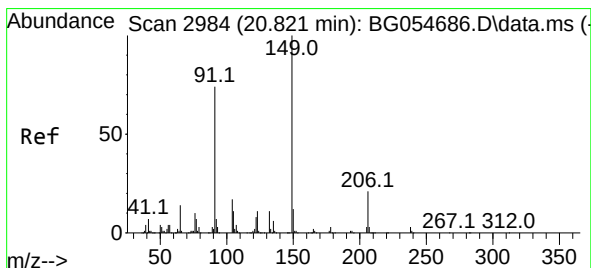
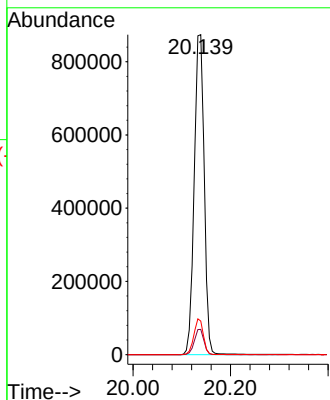
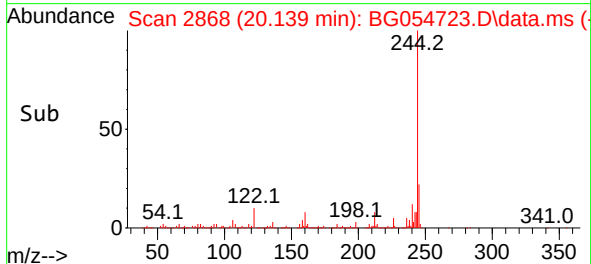
Instrument :
 BNA_G
 ClientSampleId :
 C5MS



Tgt Ion:244 Resp: 123815
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.5 9.0 13.6

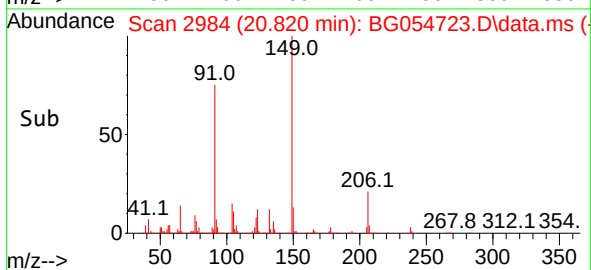
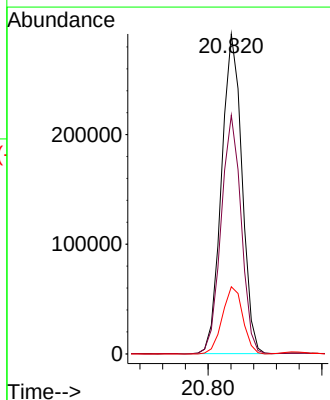
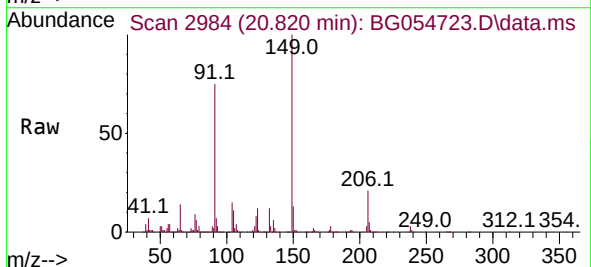
Manual Integrations
 APPROVED

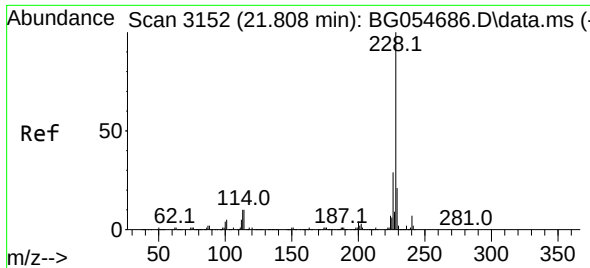
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022



#80
 Butylbenzylphthalate
 Concen: 56.373 ng
 RT: 20.820 min Scan# 2984
 Delta R.T. -0.001 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

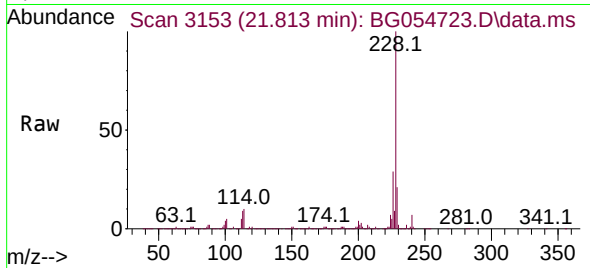
Tgt Ion:149 Resp: 363620
 Ion Ratio Lower Upper
 149 100
 91 74.6 59.5 89.3
 206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 45.104 ng
RT: 21.813 min Scan# 3152
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

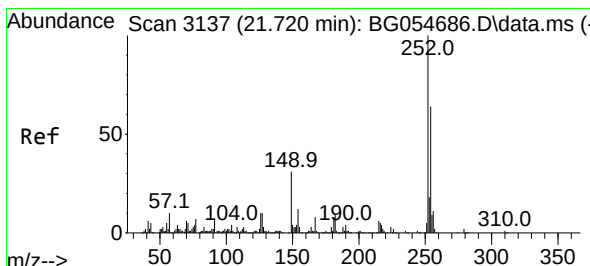
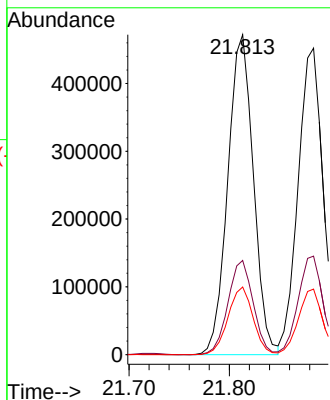
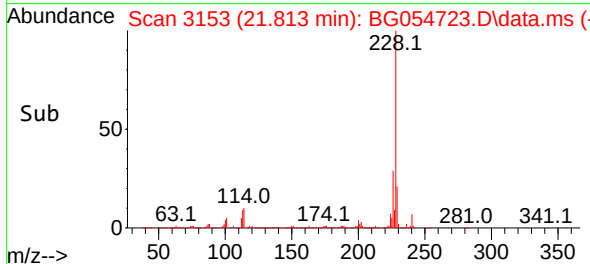
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:228 Resp: 837115
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 21.1 16.5 24.7

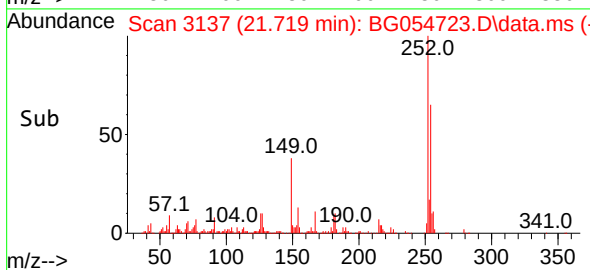
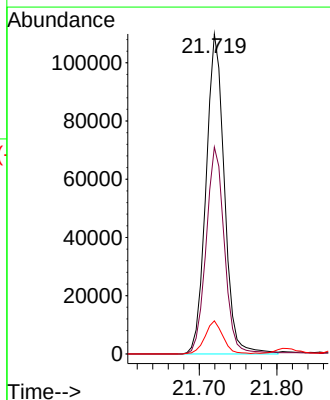
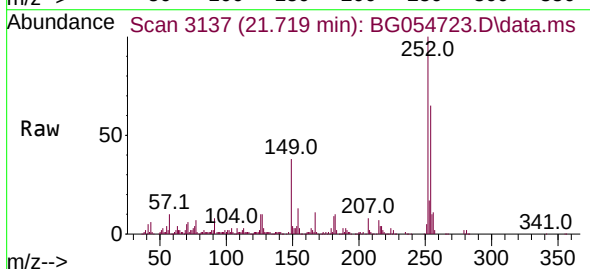
Manual Integrations
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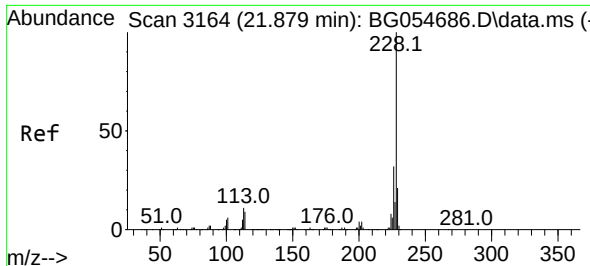
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 32.127 ng
RT: 21.719 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

Tgt Ion:252 Resp: 180175
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.3 8.2 12.2





#83

Chrysene

Concen: 44.389 ng

RT: 21.884 min Scan# 3165

Delta R.T. 0.005 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59

Instrument :

BNA_G

ClientSampleId :

C5MS

Tgt Ion:228 Resp: 784010

Ion Ratio Lower Upper

228 100

226 32.1 25.5 38.3

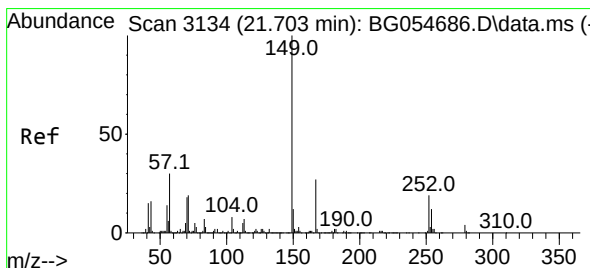
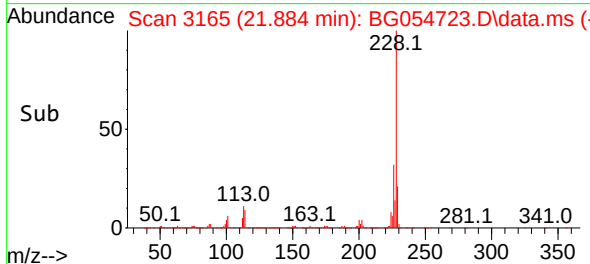
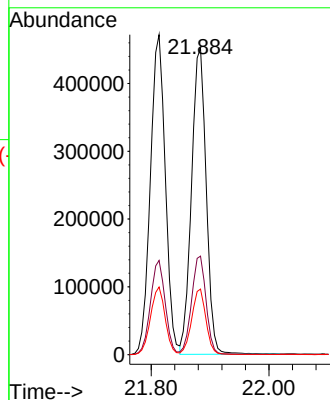
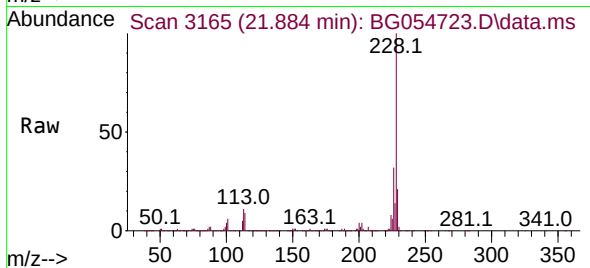
229 21.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.031 ng

RT: 21.702 min Scan# 3134

Delta R.T. -0.001 min

Lab File: BG054723.D

Acq: 24 Aug 2022 16:59

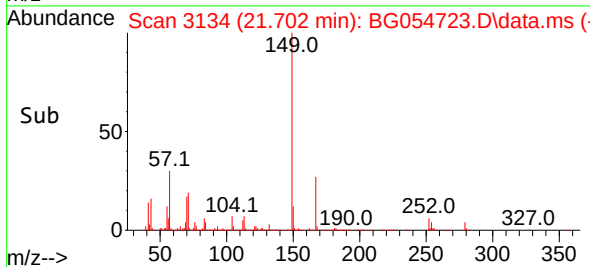
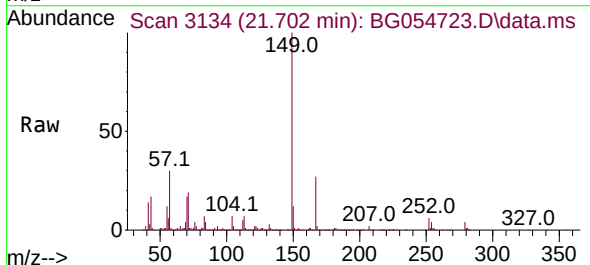
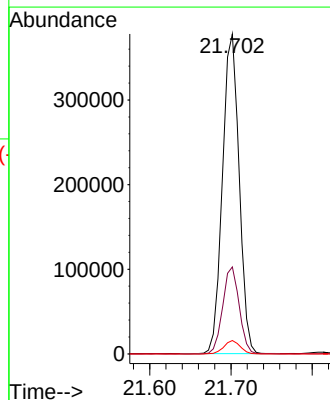
Tgt Ion:149 Resp: 536426

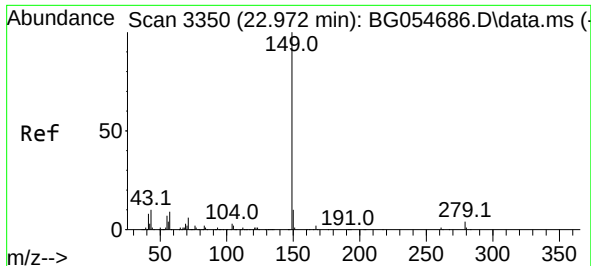
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

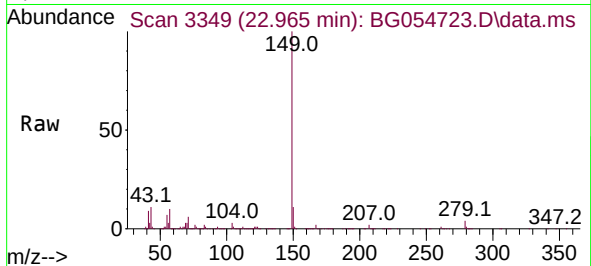
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 62.283 ng
RT: 22.965 min Scan# 3349
Delta R.T. -0.007 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

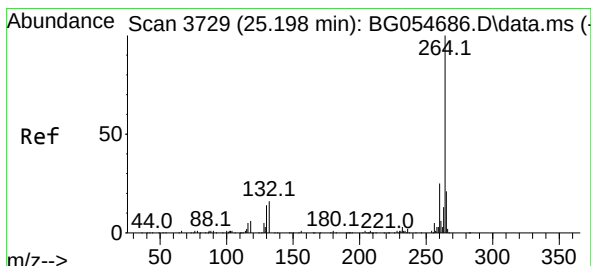
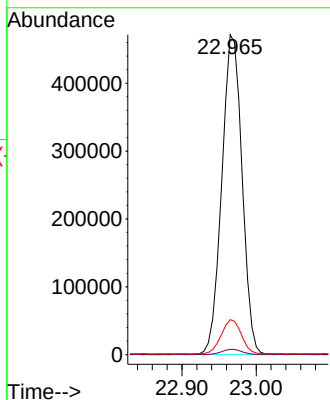
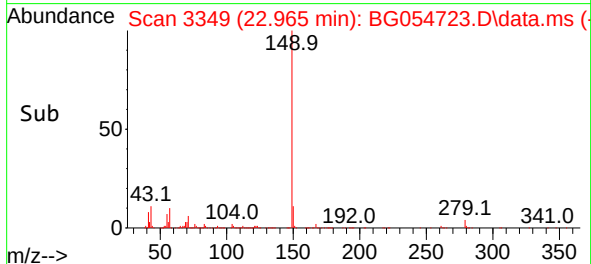
Instrument :
BNA_G
ClientSampleId :
C5MS



Tgt Ion:149 Resp: 891372
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 9.0 13.6

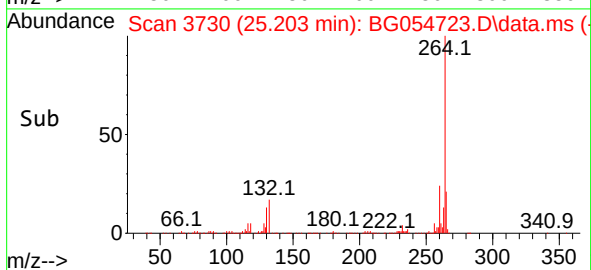
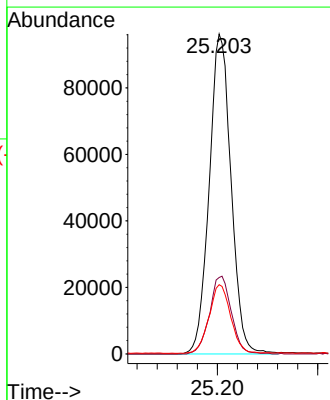
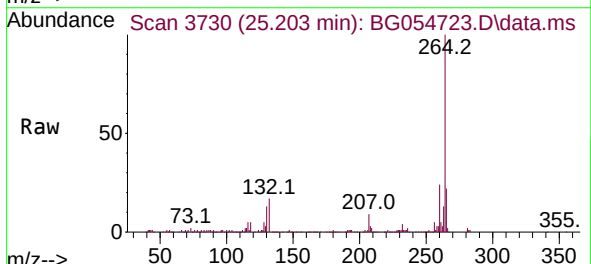
Manual Integrations
APPROVED

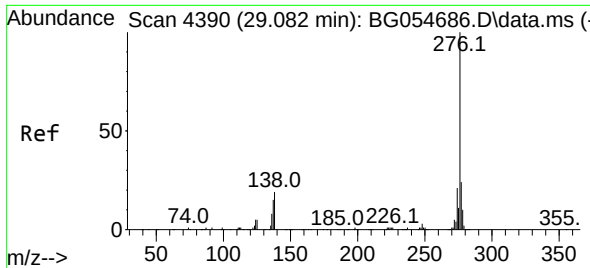
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3730
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

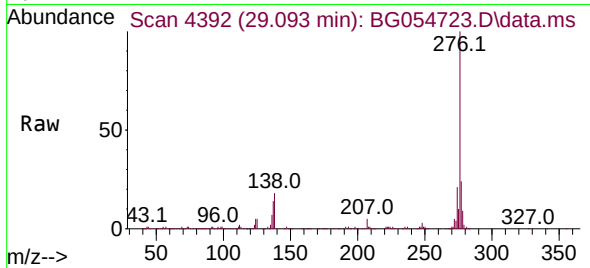
Tgt Ion:264 Resp: 290103
Ion Ratio Lower Upper
264 100
260 23.9 19.9 29.9
265 21.6 16.9 25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.392 ng
 RT: 29.093 min Scan# 4390
 Delta R.T. 0.011 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59

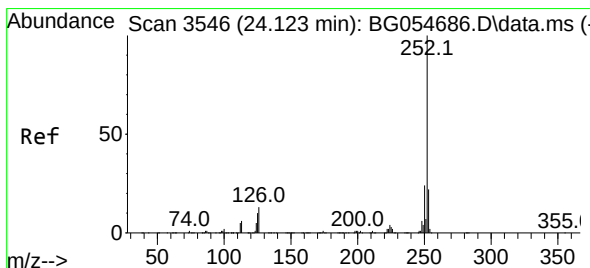
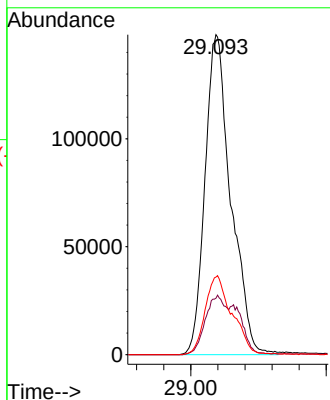
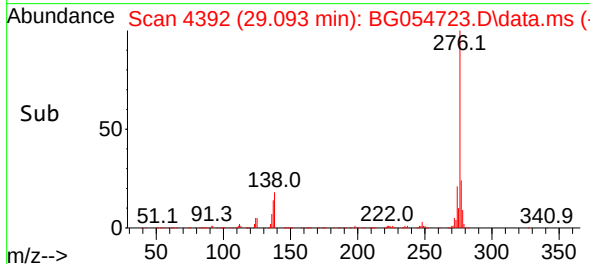
Instrument :
 BNA_G
 ClientSampleId :
 C5MS



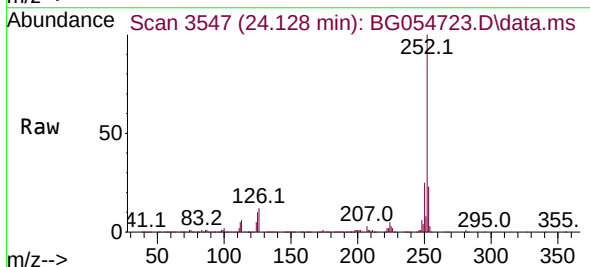
Tgt Ion:276 Resp: 982645
 Ion Ratio Lower Upper
 276 100
 138 15.1 12.0 18.0
 277 25.6 20.2 30.4

Manual Integrations
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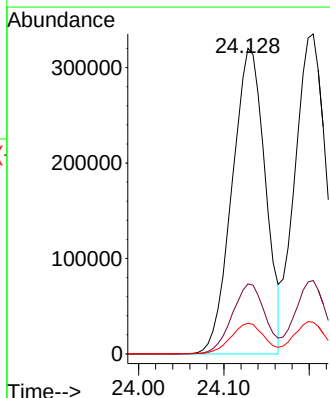
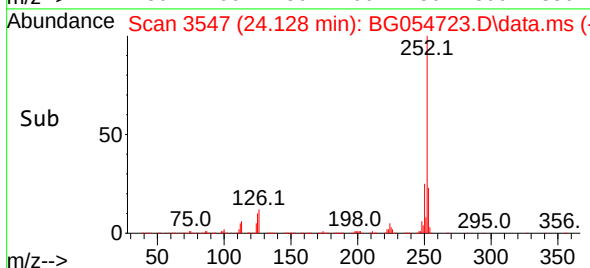
Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022

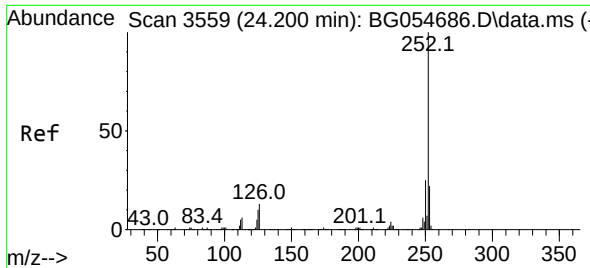


#88
 Benzo(b)fluoranthene
 Concen: 48.099 ng
 RT: 24.128 min Scan# 3547
 Delta R.T. 0.005 min
 Lab File: BG054723.D
 Acq: 24 Aug 2022 16:59



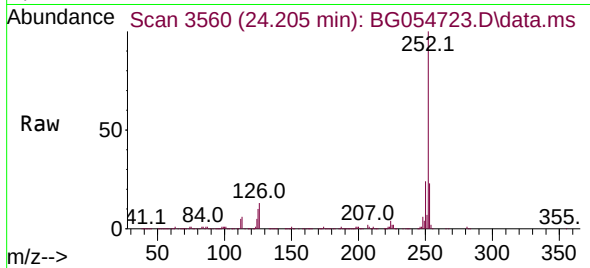
Tgt Ion:252 Resp: 866427
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 10.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.233 ng
RT: 24.205 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

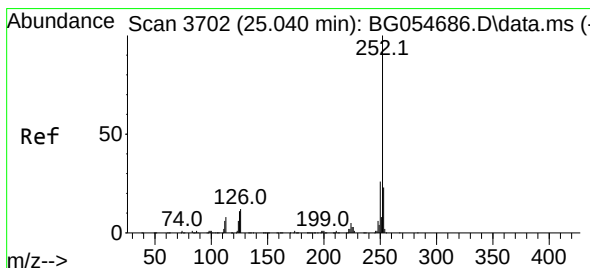
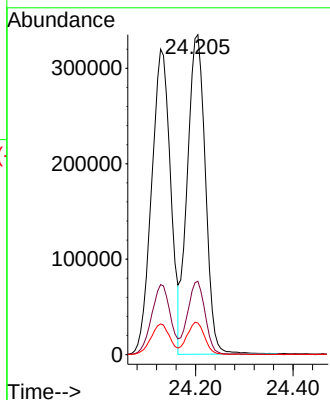
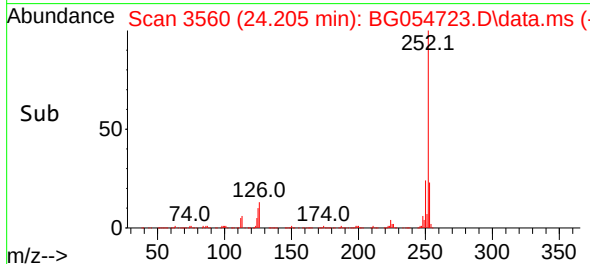
Instrument :
BNA_G
ClientSampleId :
C5MS



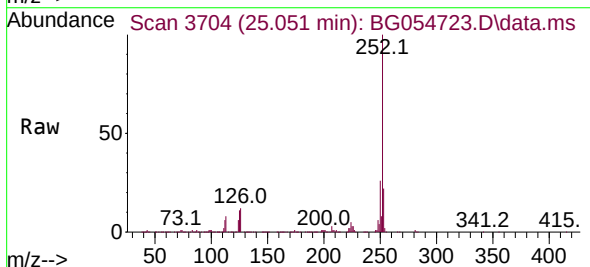
Tgt Ion:252 Resp: 859416
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.9 8.2 12.4

Manual Integrations
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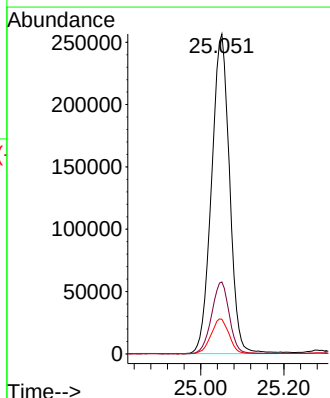
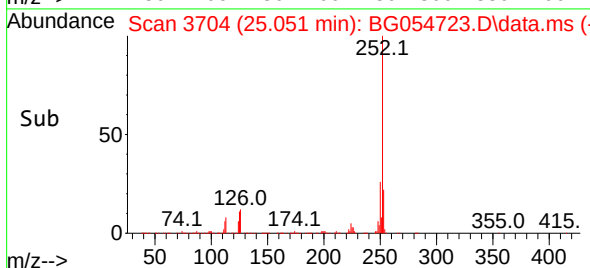
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

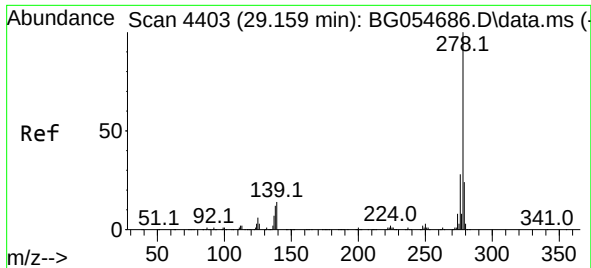


#90
Benzo(a)pyrene
Concen: 49.755 ng
RT: 25.051 min Scan# 3704
Delta R.T. 0.011 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



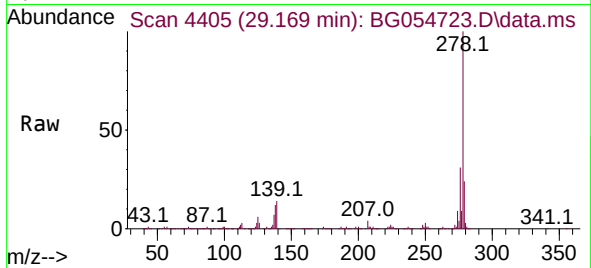
Tgt Ion:252 Resp: 769267
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.510 ng
RT: 29.169 min Scan# 4403
Delta R.T. 0.011 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59

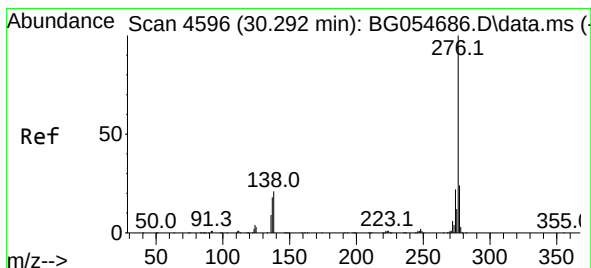
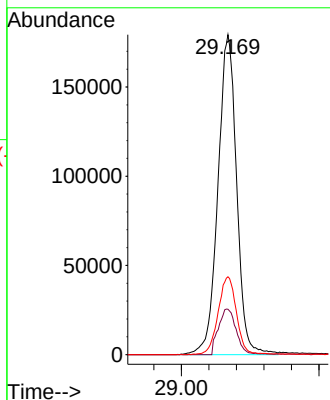
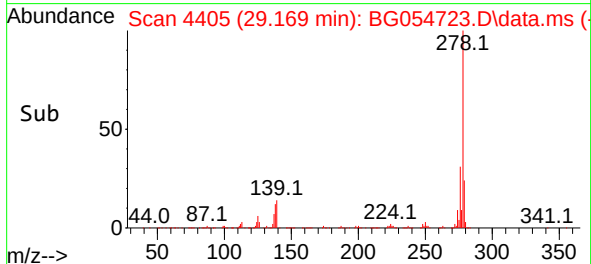
Instrument :
BNA_G
ClientSampleId :
C5MS



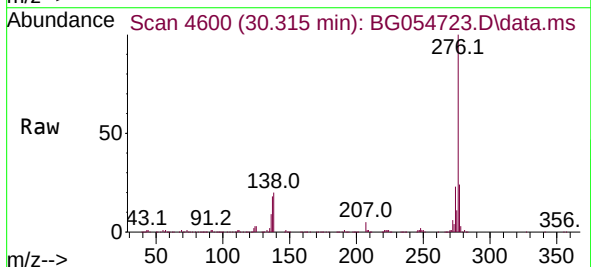
Tgt Ion:278 Resp: 844923
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 24.3 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#92
Benzo(g,h,i)perylene
Concen: 48.679 ng
RT: 30.315 min Scan# 4600
Delta R.T. 0.023 min
Lab File: BG054723.D
Acq: 24 Aug 2022 16:59



Tgt Ion:276 Resp: 846320
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 19.8 16.6 25.0

