

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054869.D
 Acq On : 7 Sep 2022 14:59
 Operator : CG/JU
 Sample : PB147474BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

09/08/2022

Supervised By :Jagrut

Updhyad By :Jagrut

09/08/2022

Quant Time: Sep 07 15:33:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 25 17:50:55 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	39422	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	162625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.786	164	111437	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	257680	20.000	ng	0.00
76) Chrysene-d12	21.831	240	243355	20.000	ng	0.00
86) Perylene-d12	25.215	264	261371	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	309409	136.673	ng	0.00
7) Phenol-d6	7.307	99	412340	133.184	ng	0.01
23) Nitrobenzene-d5	9.328	82	239903	77.442	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	191895	137.808	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	591849	79.826	ng	0.00
79) Terphenyl-d14	20.133	244	1052486	85.693	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.523	88	33792	31.259	ng	Qvalue 99
3) Pyridine	3.934	79	92697	30.743	ng	94
4) n-Nitrosodimethylamine	3.852	42	49273	37.803	ng	95
6) Aniline	7.471	93	145256	39.488	ng	95
8) 2-Chlorophenol	7.712	128	124146	50.192	ng	97
9) Benzaldehyde	7.283	77	30574	15.067	ng	96
10) Phenol	7.336	94	152299	47.834	ng	97
11) bis(2-Chloroethyl)ether	7.559	93	109321	42.692	ng	94
12) 1,3-Dichlorobenzene	8.035	146	126558	44.215	ng	96
13) 1,4-Dichlorobenzene	8.182	146	128767	44.600	ng	99
14) 1,2-Dichlorobenzene	8.505	146	126415	46.177	ng	96
15) Benzyl Alcohol	8.388	79	103869m	46.439	ng	
16) 2,2'-oxybis(1-Chloropr...	8.676	45	152801	38.135	ng	97
17) 2-Methylphenol	8.593	107	105710	48.222	ng	97
18) Hexachloroethane	9.240	117	45113	43.091	ng	94
19) n-Nitroso-di-n-propyla...	8.952	70	88871	41.742	ng	95
20) 3+4-Methylphenols	8.922	107	142143	46.760	ng	97
22) Acetophenone	8.981	105	177356	43.592	ng	# 98
24) Nitrobenzene	9.369	77	127738	40.910	ng	96
25) Isophorone	9.886	82	247955	42.927	ng	100
26) 2-Nitrophenol	10.080	139	69005	50.031	ng	98
27) 2,4-Dimethylphenol	10.133	122	115904	53.038	ng	97
28) bis(2-Chloroethoxy)met...	10.368	93	150056	45.590	ng	98
29) 2,4-Dichlorophenol	10.620	162	119732	48.170	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	123453	43.462	ng	98
31) Naphthalene	11.026	128	369777	42.380	ng	99
32) Benzoic acid	10.315	122	30768m	24.318	ng	
33) 4-Chloroaniline	11.137	127	109311	30.730	ng	97
34) Hexachlorobutadiene	11.296	225	81667	44.874	ng	98
35) Caprolactam	11.913	113	41445m	47.262	ng	
36) 4-Chloro-3-methylphenol	12.248	107	128022	47.100	ng	98
37) 2-Methylnaphthalene	12.624	142	263495	43.087	ng	100
38) 1-Methylnaphthalene	12.841	142	250740	42.143	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	149988	44.650	ng	99
41) Hexachlorocyclopentadiene	12.959	237	146261	82.100	ng	98
43) 2,4,6-Trichlorophenol	13.223	196	98725	44.278	ng	100

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 QLast Update : Thu Aug 25 17:50:55 2022
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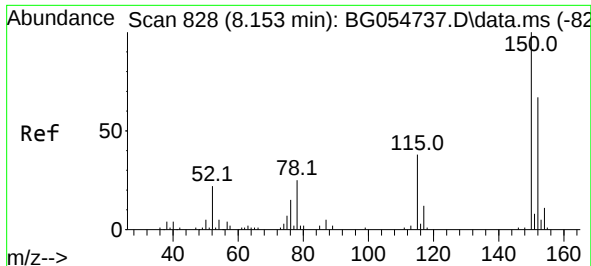
Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 09/08/2022

Supervised By :Jagrut
 Upadhyay
 09/08/2022

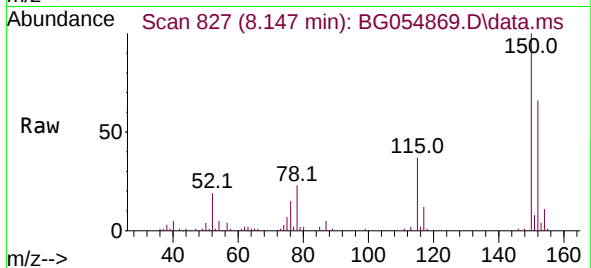
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.305	196	108520	43.339	ng	98
46) 1,1'-Biphenyl	13.623	154	360944	43.617	ng	98
47) 2-Chloronaphthalene	13.670	162	264686	42.115	ng	99
48) 2-Nitroaniline	13.870	65	83396	42.341	ng	93
49) Acenaphthylene	14.510	152	442959	42.711	ng	99
50) Dimethylphthalate	14.234	163	363209	42.306	ng	99
51) 2,6-Dinitrotoluene	14.357	165	81013	46.135	ng	87
52) Acenaphthene	14.851	154	309352m	46.436	ng	
53) 3-Nitroaniline	14.692	138	68329	34.760	ng	87
54) 2,4-Dinitrophenol	14.904	184	83483	83.884	ng	98
55) Dibenzofuran	15.186	168	421287	43.037	ng	99
56) 4-Nitrophenol	15.009	139	130713	85.926	ng	92
57) 2,4-Dinitrotoluene	15.144	165	115102	47.389	ng	86
58) Fluorene	15.832	166	352100	42.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	91132	40.374	ng	99
60) Diethylphthalate	15.585	149	364104	42.472	ng	99
61) 4-Chlorophenyl-phenyle...	15.814	204	185319	45.553	ng	98
62) 4-Nitroaniline	15.855	138	88917	44.304	ng	95
63) Azobenzene	16.108	77	316758	38.879	ng	95
65) 4,6-Dinitro-2-methylph...	15.908	198	62303	47.499	ng	98
66) n-Nitrosodiphenylamine	16.032	169	322856	43.447	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	131210	46.378	ng	95
68) Hexachlorobenzene	16.837	284	147765	46.461	ng	95
69) Atrazine	16.978	200	125718	47.955	ng	98
70) Pentachlorophenol	17.183	266	140319	81.202	ng	99
71) Phenanthrene	17.577	178	585265	42.637	ng	99
72) Anthracene	17.671	178	593601	44.479	ng	99
73) Carbazole	17.935	167	558087	45.388	ng	99
74) Di-n-butylphthalate	18.476	149	658156	42.300	ng	99
75) Fluoranthene	19.580	202	719487	43.087	ng	98
77) Benzidine	19.757	184	304057	50.444	ng	99
78) Pyrene	19.945	202	730698	43.061	ng	100
80) Butylbenzylphthalate	20.814	149	288400	40.746	ng	94
81) Benzo(a)anthracene	21.813	228	704827	42.716	ng	100
82) 3,3'-Dichlorobenzidine	21.719	252	227956	39.404	ng	98
83) Chrysene	21.884	228	657772	41.693	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	423980	41.576	ng	98
85) Di-n-octyl phthalate	22.953	149	718323	41.536	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.122	276	846530	42.663	ng	# 94
88) Benzo(b)fluoranthene	24.134	252	749483	45.711	ng	99
89) Benzo(k)fluoranthene	24.204	252	729548	44.212	ng	98
90) Benzo(a)pyrene	25.056	252	658968	47.042	ng	99
91) Dibenzo(a,h)anthracene	29.187	278	738382	45.677	ng	98
92) Benzo(g,h,i)perylene	30.344	276	729007	44.639	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

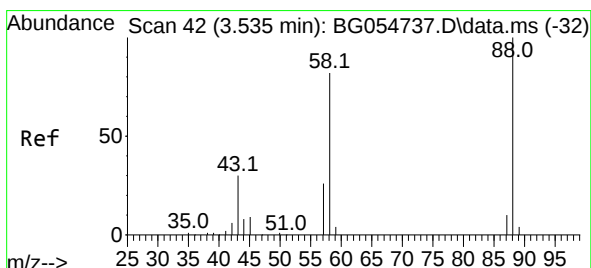
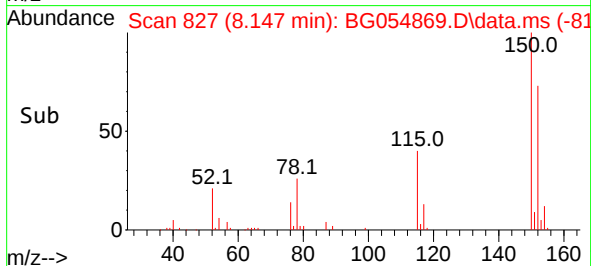
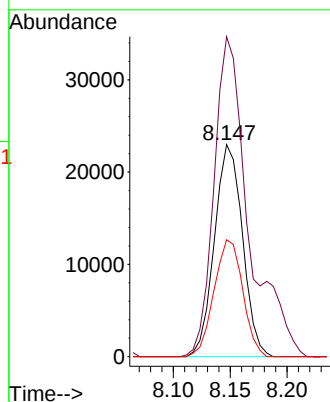


Tgt Ion:152 Resp: 3942
Ion Ratio Lower Upper
152 100
150 150.9 125.2 187.8
115 55.1 47.9 71.9

Manual Integrations
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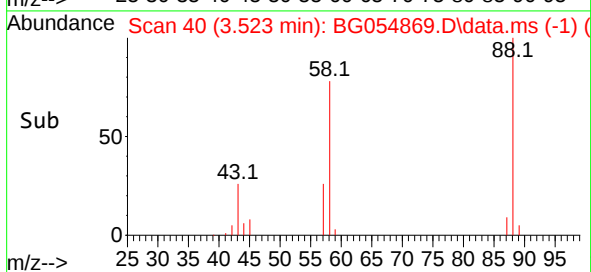
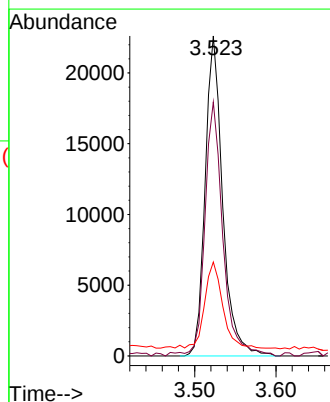
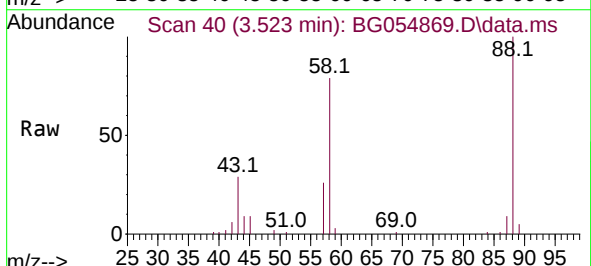
Reviewed By :Christian
Giraldo
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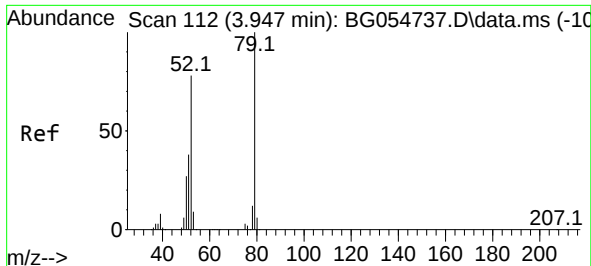
Supervised By :Jagrut
Upadhyay
09/08/2022



#2
1,4-Dioxane
Concen: 31.259 ng
RT: 3.523 min Scan# 40
Delta R.T. -0.013 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

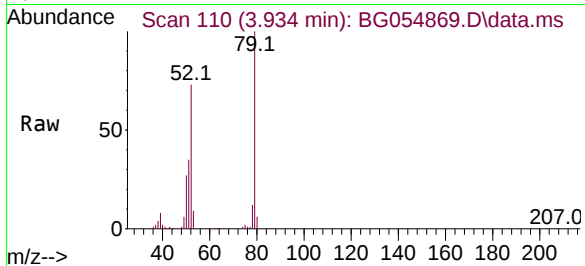
Tgt Ion: 88 Resp: 33792
Ion Ratio Lower Upper
88 100
58 81.7 65.9 98.9
43 28.5 22.7 34.1





#3
Pyridine
Concen: 30.743 ng
RT: 3.934 min Scan# 112
Delta R.T. -0.013 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
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Tgt Ion: 79 Resp: 92697
Ion Ratio Lower Upper
79 100
52 72.5 61.4 92.0
51 34.8 31.4 47.0

Manual Integrations
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Giraldo

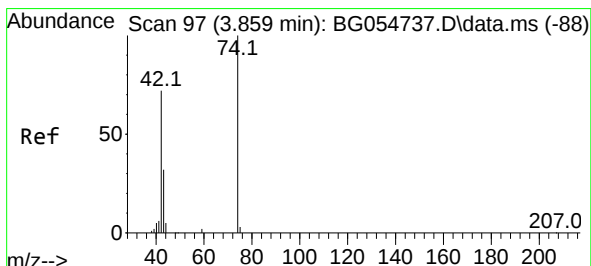
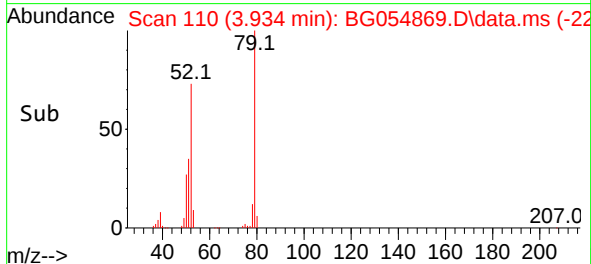
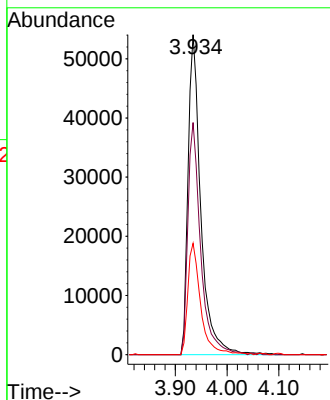
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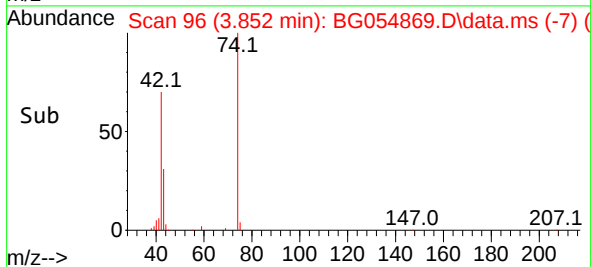
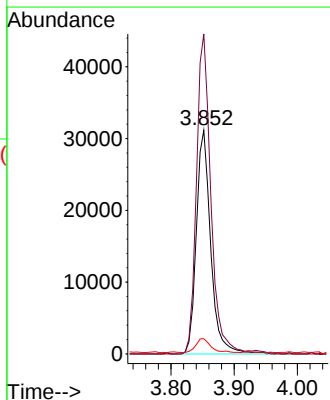
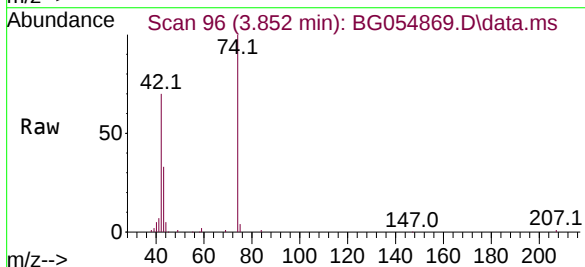
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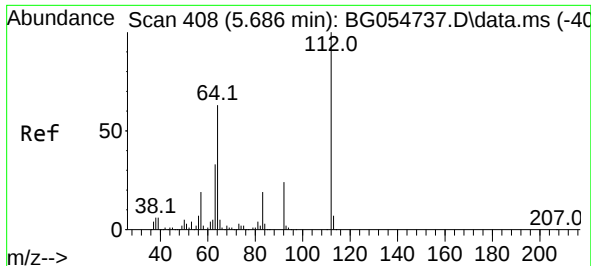
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#4
n-Nitrosodimethylamine
Concen: 37.803 ng
RT: 3.852 min Scan# 96
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion: 42 Resp: 49273
Ion Ratio Lower Upper
42 100
74 143.1 109.6 164.4
44 6.8 5.5 8.3





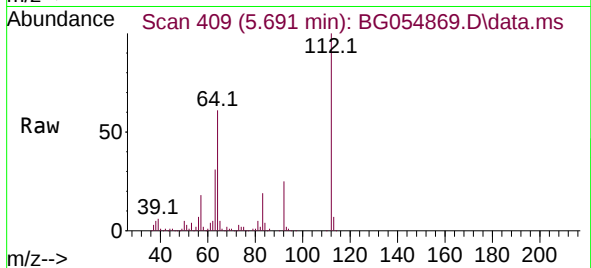
#5
2-Fluorophenol
Concen: 136.673 ng
RT: 5.691 min Scan# 408
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion: 112 Resp: 309409
Ion Ratio Lower Upper
112 100
64 60.6 49.3 73.9
63 31.4 26.3 39.5

Manual Integrations
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Giraldo

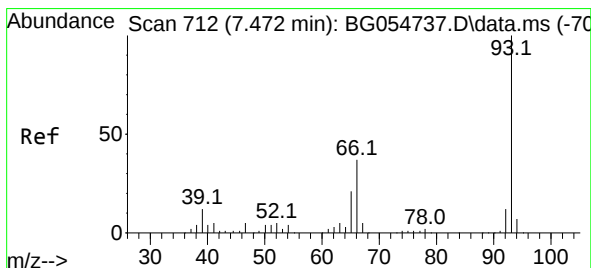
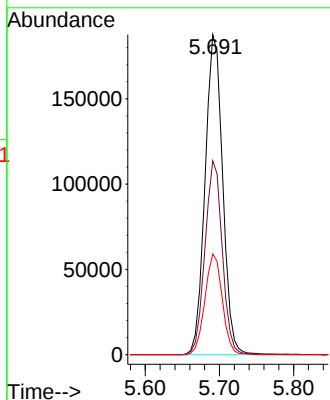
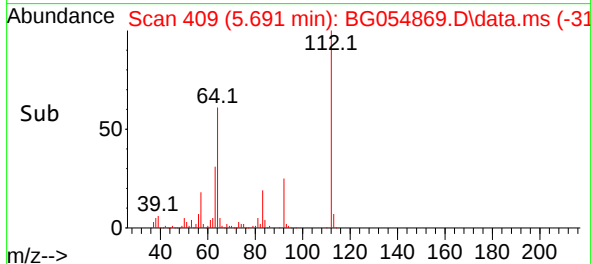
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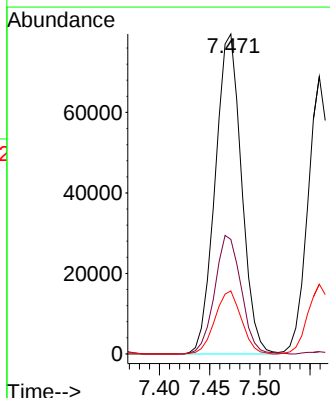
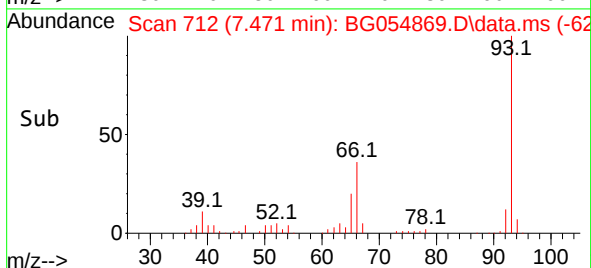
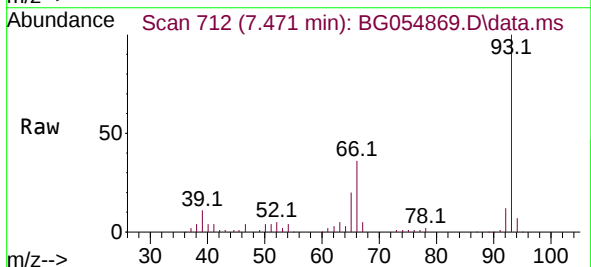
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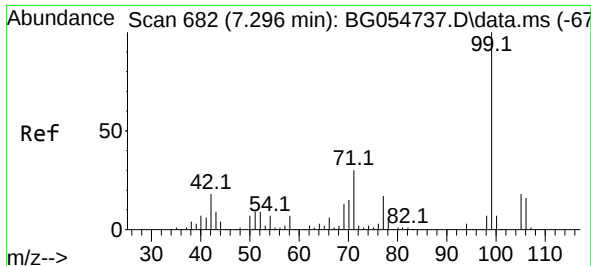
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#6
Aniline
Concen: 39.488 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

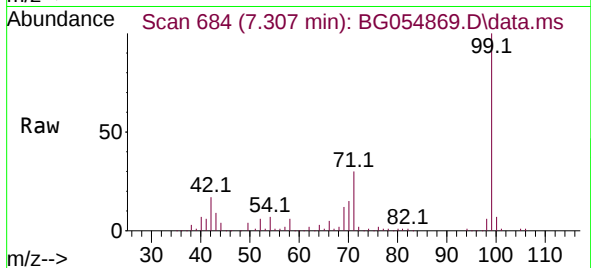
Tgt Ion: 93 Resp: 145256
Ion Ratio Lower Upper
93 100
66 35.8 31.8 47.8
65 19.7 16.6 25.0





#7
Phenol-d6
Concen: 133.184 ng
RT: 7.307 min Scan# 682
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

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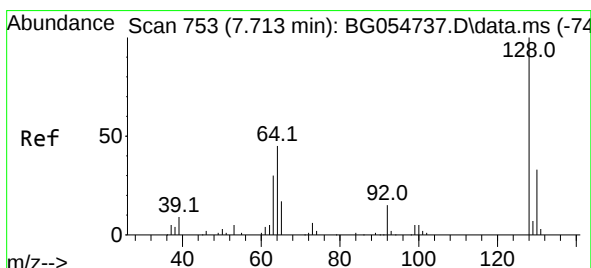
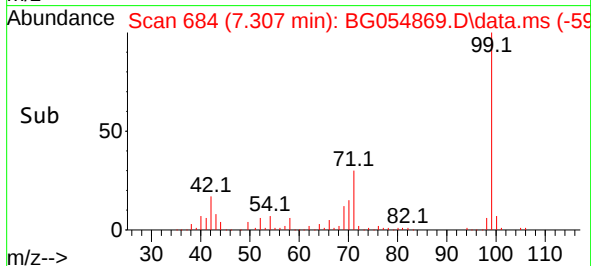
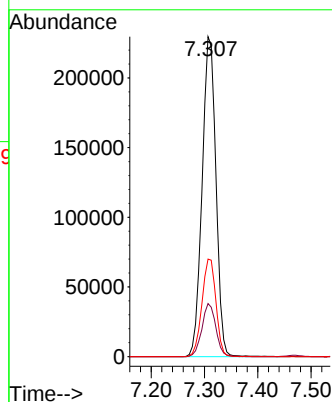


Tgt Ion: 99 Resp: 412340
Ion Ratio Lower Upper
99 100
42 16.6 14.6 22.0
71 30.5 24.6 37.0

Manual Integrations
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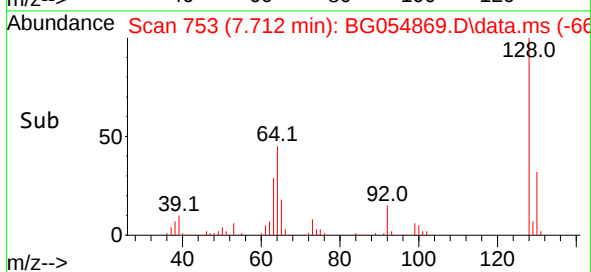
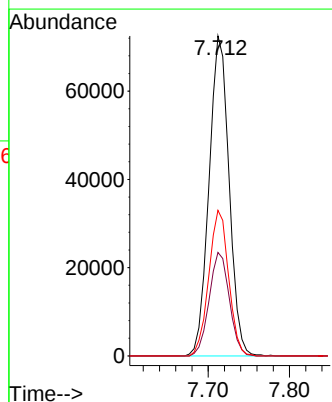
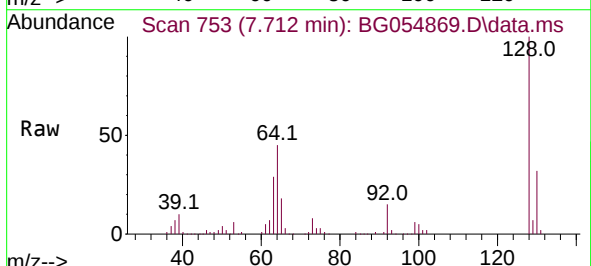
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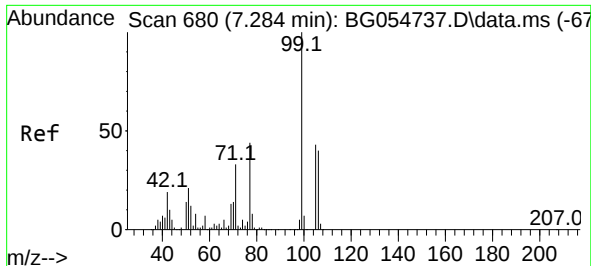
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Upadhyay
09/08/2022



#8
2-Chlorophenol
Concen: 50.192 ng
RT: 7.712 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:128 Resp: 124146
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 45.5 28.6 68.6





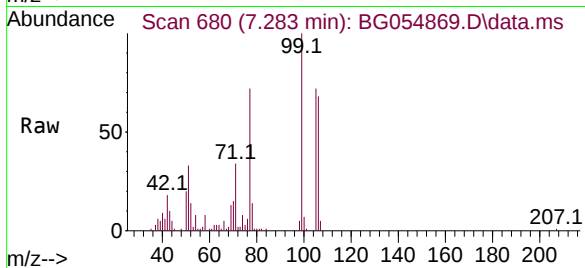
#9
Benzaldehyde
Concen: 15.067 ng
RT: 7.283 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion: 77 Resp: 30574
Ion Ratio Lower Upper
77 100
105 99.2 75.3 115.3
106 94.4 70.2 110.2

Manual Integrations
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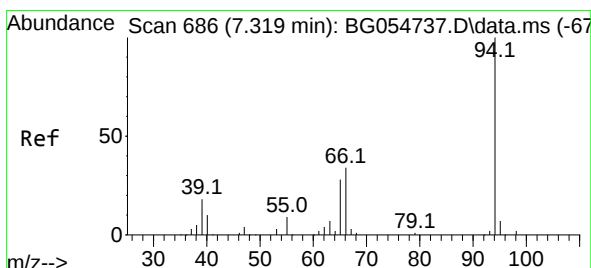
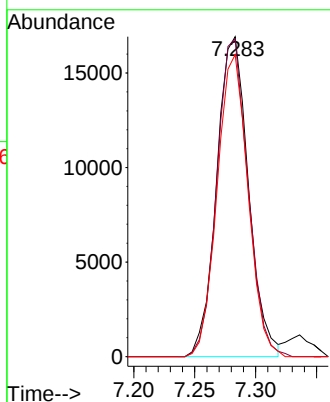
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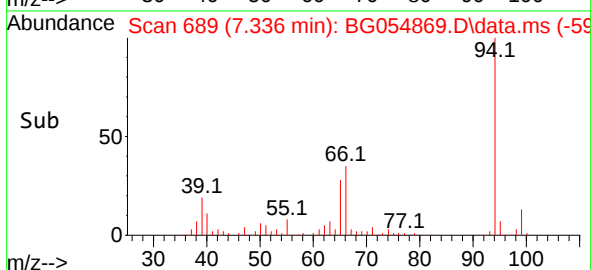
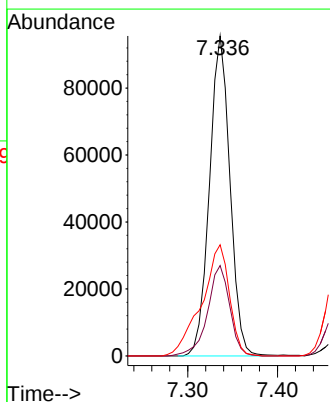
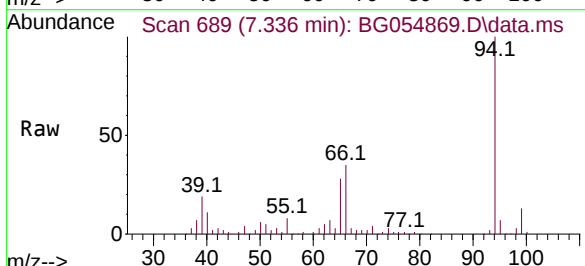
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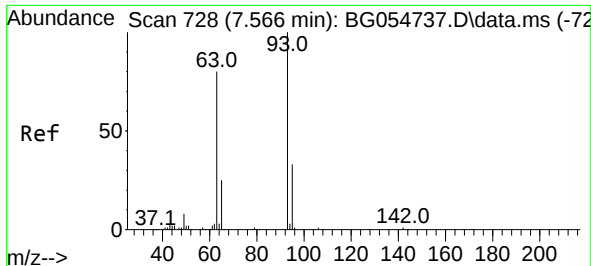
09/08/2022



#10
Phenol
Concen: 47.834 ng
RT: 7.336 min Scan# 689
Delta R.T. 0.017 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion: 94 Resp: 152299
Ion Ratio Lower Upper
94 100
65 28.2 9.9 49.9
66 34.7 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 42.692 ng
RT: 7.559 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Tgt Ion: 93 Resp: 10932
Ion Ratio Lower Upper
93 100
63 74.9 62.1 102.1
95 31.8 12.1 52.1

Manual Integrations
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Reviewed By :Christian
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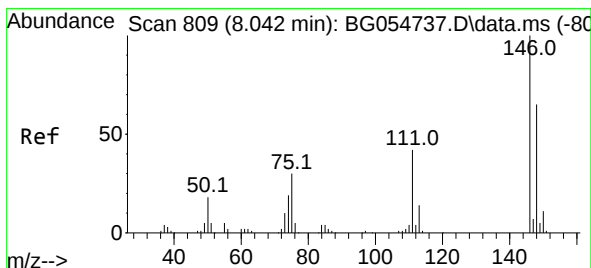
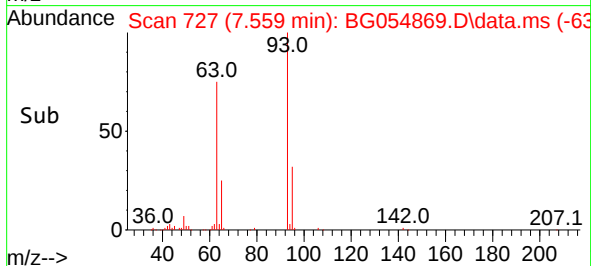
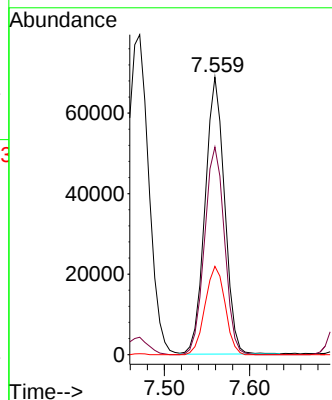
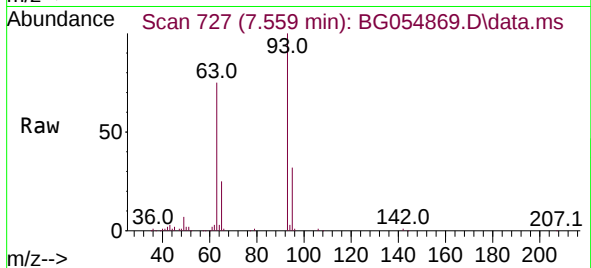
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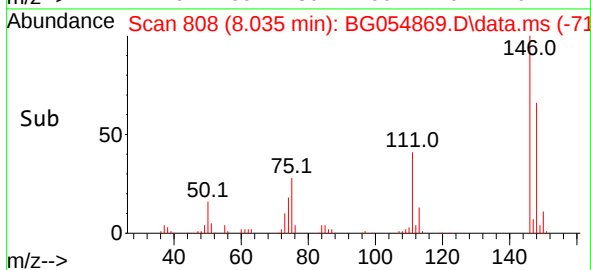
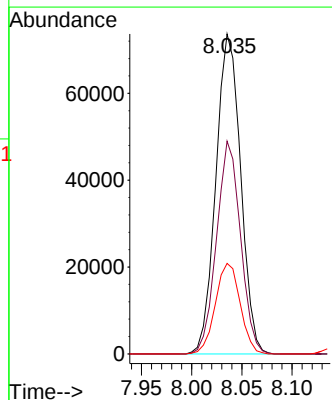
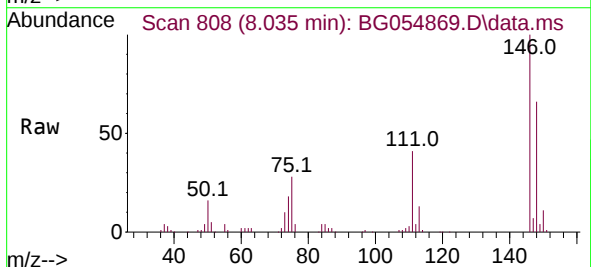
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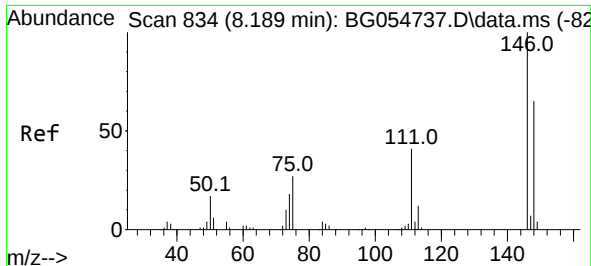
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#12
1,3-Dichlorobenzene
Concen: 44.215 ng
RT: 8.035 min Scan# 808
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:146 Resp: 126558
Ion Ratio Lower Upper
146 100
148 66.5 50.6 76.0
75 28.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.600 ng

RT: 8.182 min Scan# 834

Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Tgt Ion:146 Resp: 128762
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 41.0 33.0 49.4

Manual Integrations
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Reviewed By :Christian
 Giraldo

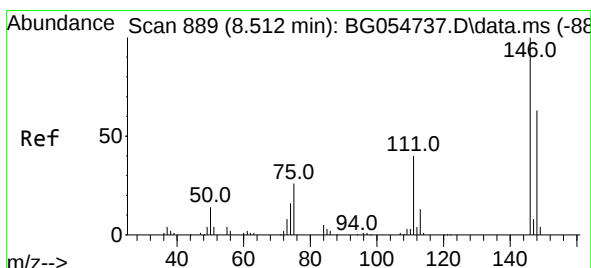
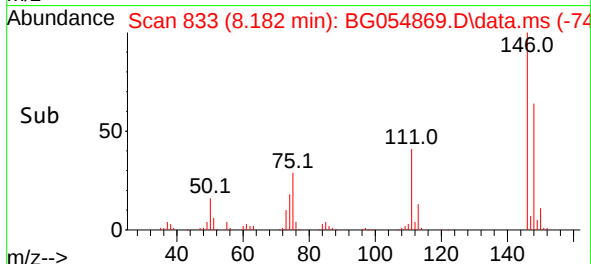
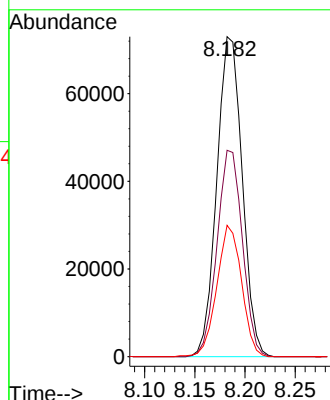
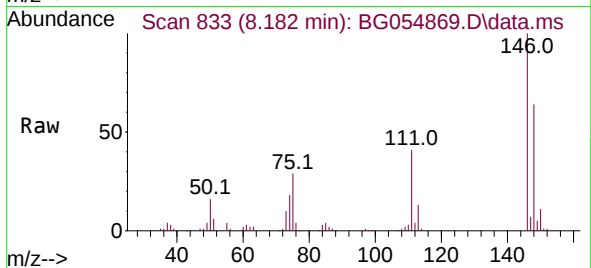
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#14

1,2-Dichlorobenzene

Concen: 46.177 ng

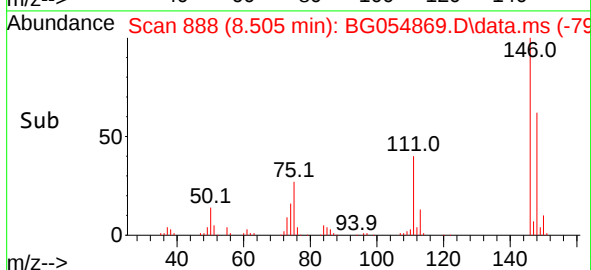
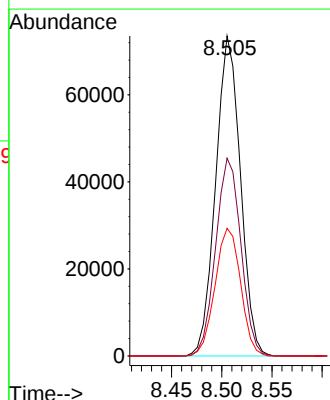
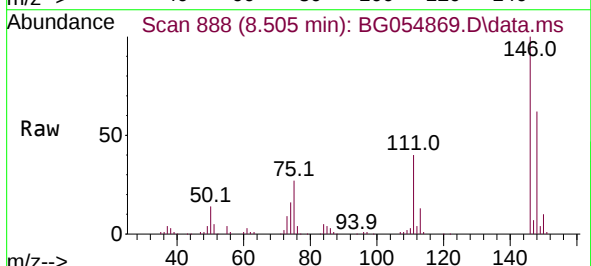
RT: 8.505 min Scan# 888

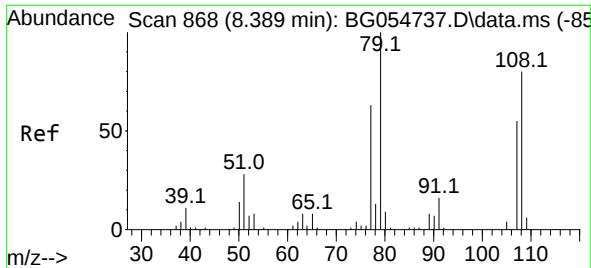
Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Tgt Ion:146 Resp: 126415
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.2 76.8
 111 39.9 34.3 51.5





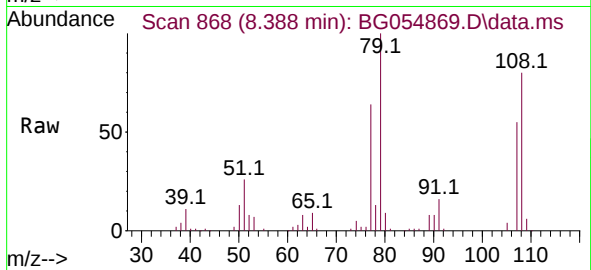
#15
Benzyl Alcohol
Concen: 46.439 ng m
RT: 8.388 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion: 79 Resp: 103869
Ion Ratio Lower Upper
79 100
108 79.8 63.4 95.0
77 64.0 55.0 82.4

Manual Integrations
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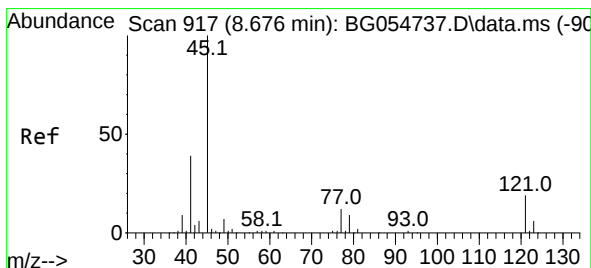
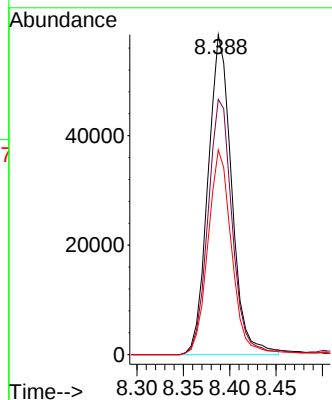
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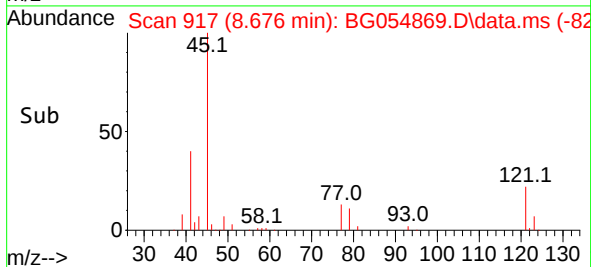
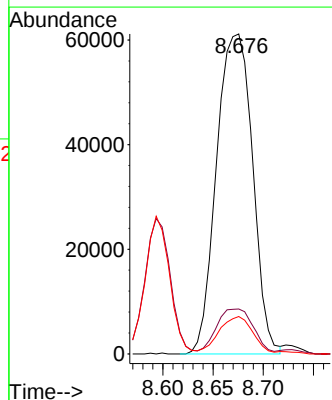
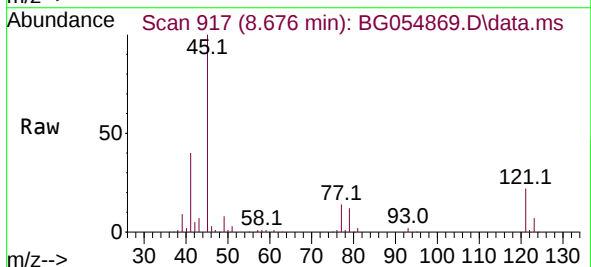
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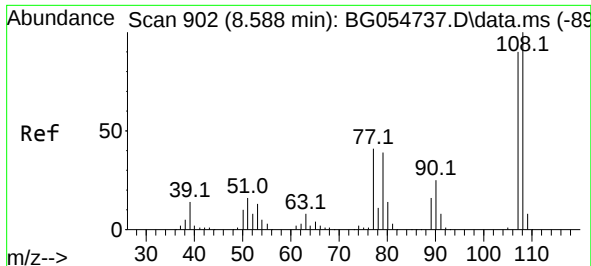
09/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.135 ng
RT: 8.676 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion: 45 Resp: 152801
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.8
79 11.7 0.0 30.4





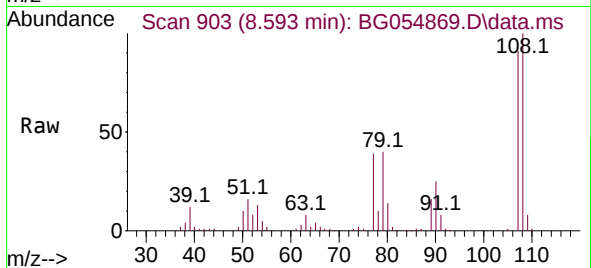
#17
2-Methylphenol
Concen: 48.222 ng
RT: 8.593 min Scan# 902
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:107 Resp: 105710
Ion Ratio Lower Upper
107 100
108 109.7 85.6 128.4
77 43.3 35.8 53.8
79 44.0 33.8 50.6

Manual Integrations
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Reviewed By :Christian
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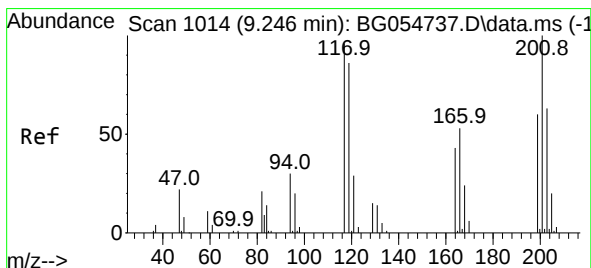
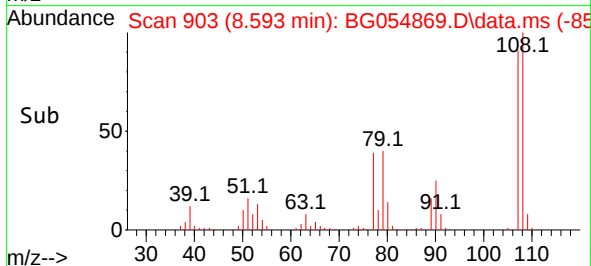
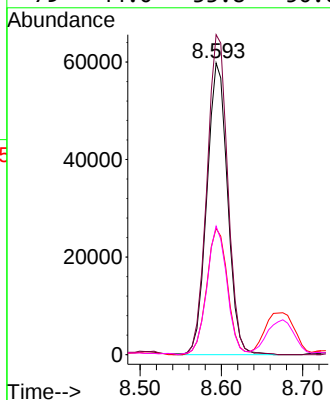
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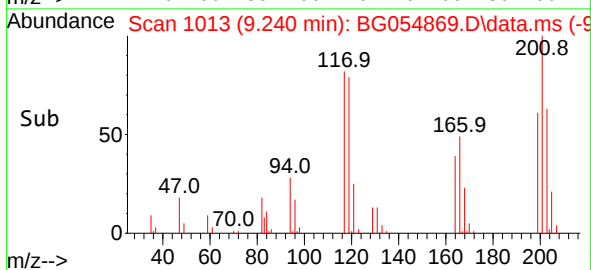
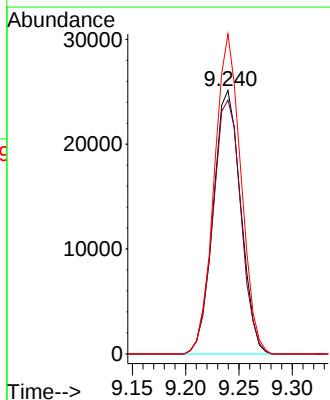
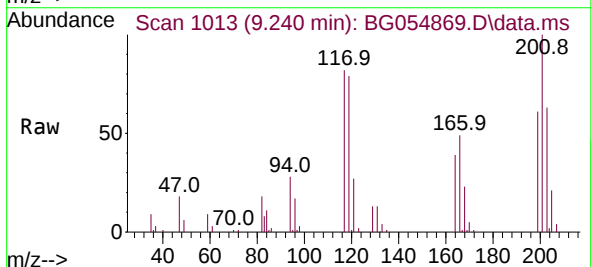
09/08/2022

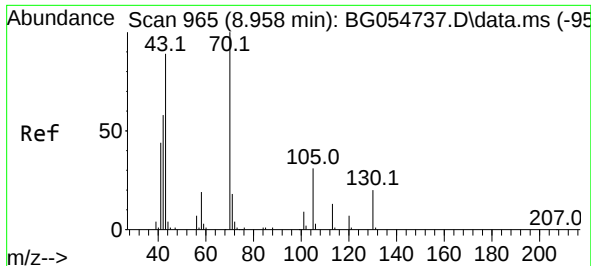
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#18
Hexachloroethane
Concen: 43.091 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

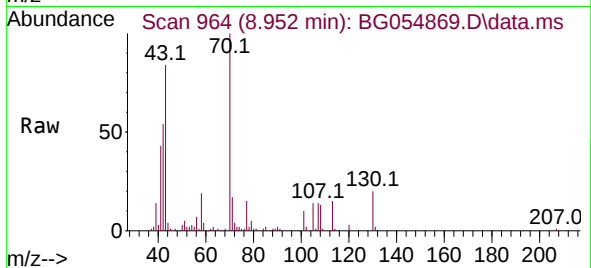
Tgt Ion:117 Resp: 45113
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6
201 121.5 87.2 130.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.742 ng
RT: 8.952 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
Client Sample Id :
PB147474BS

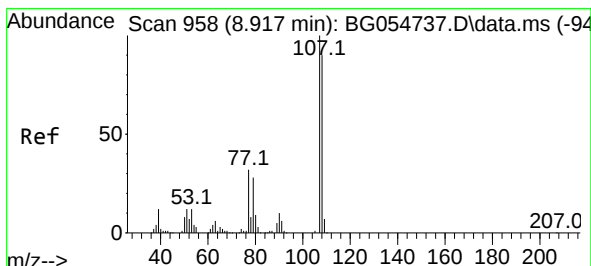
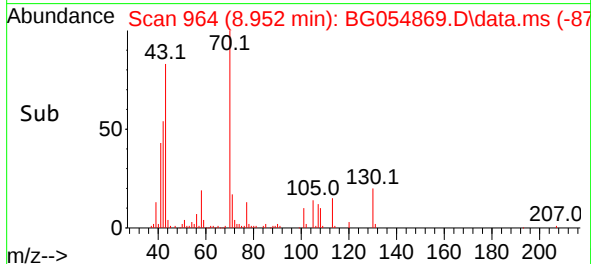
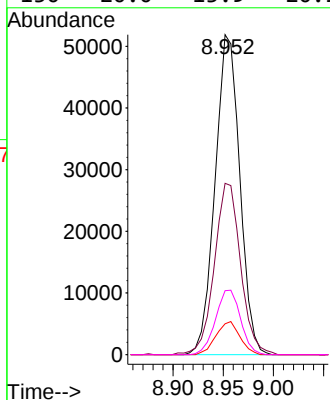


Tgt Ion: 70 Resp: 8887
Ion Ratio Lower Upper
70 100
42 53.5 46.6 69.8
101 9.6 7.7 11.5
130 20.0 13.9 20.9

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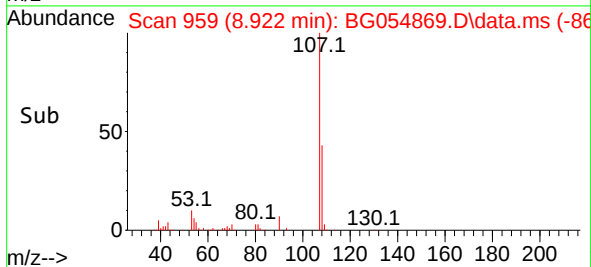
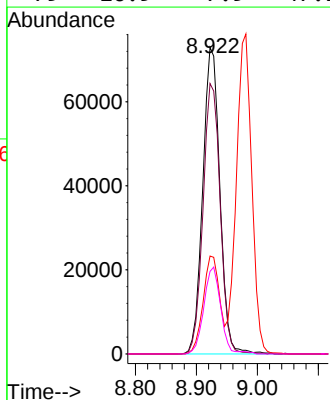
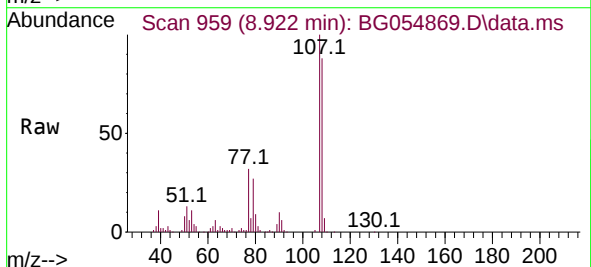
Reviewed By :Christian
Giraldo
09/08/2022

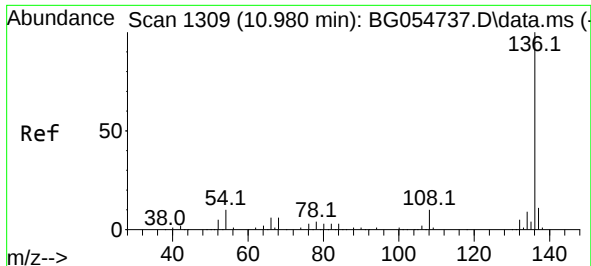
Supervised By :Jagrut
Upadhyay
09/08/2022



#20
3+4-Methylphenols
Concen: 46.760 ng
RT: 8.922 min Scan# 959
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:107 Resp: 142143
Ion Ratio Lower Upper
107 100
108 88.2 71.6 111.6
77 31.9 13.1 53.1
79 26.9 7.9 47.9





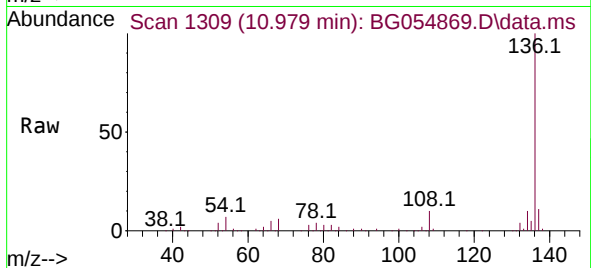
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:136 Resp: 162625
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.3 7.7 11.5
68 5.8 5.6 8.4

Manual Integrations
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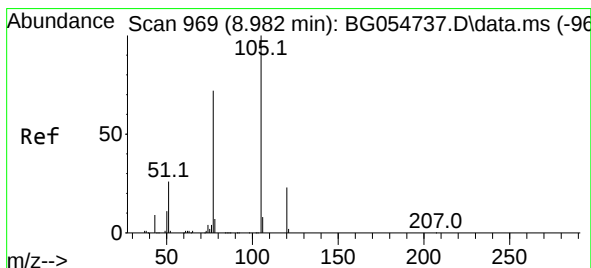
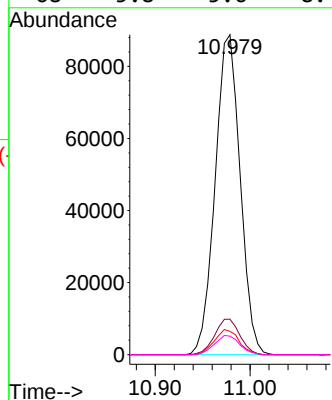
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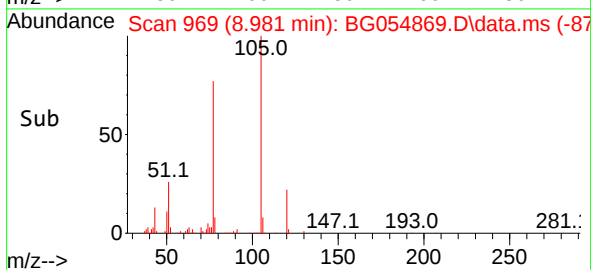
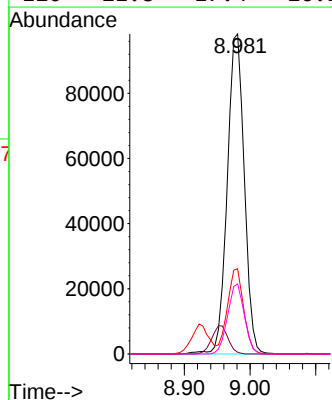
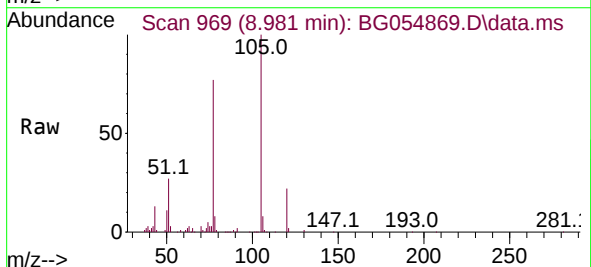
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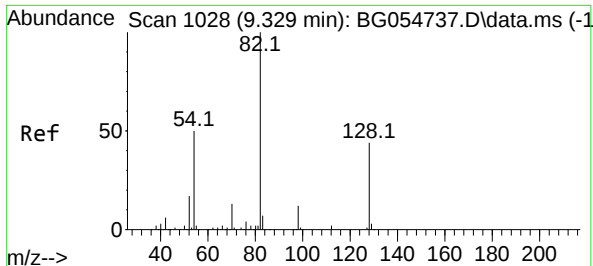
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#22
Acetophenone
Concen: 43.592 ng
RT: 8.981 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:105 Resp: 177356
Ion Ratio Lower Upper
105 100
71 0.5 1.2 1.8
51 26.6 22.9 34.3
120 21.8 17.4 26.2





#23

Nitrobenzene-d5

Concen: 77.442 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.001 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

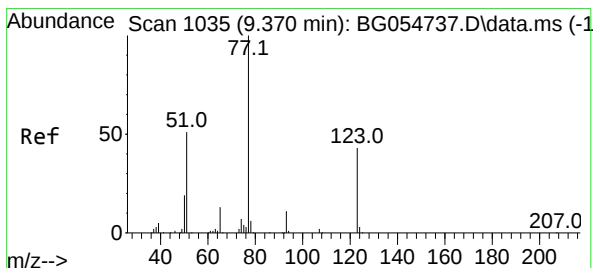
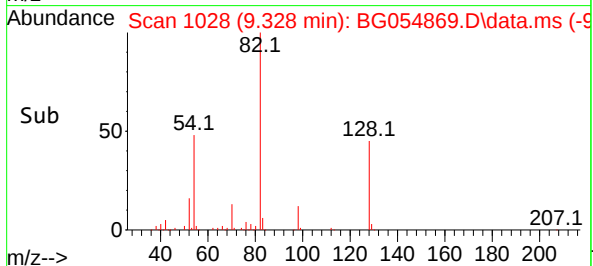
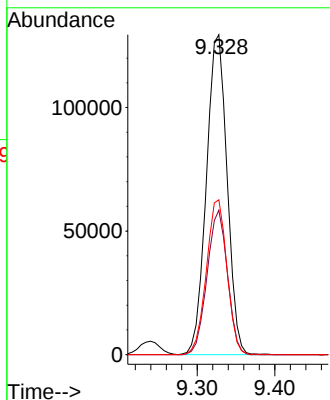
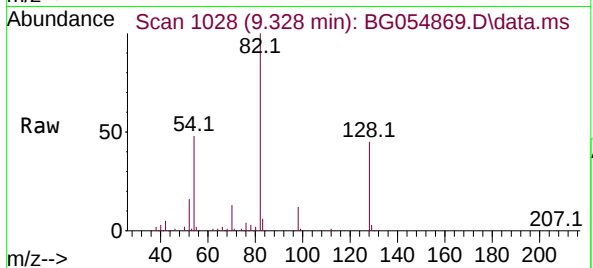
Tgt Ion:	82	Resp:	239903
Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.2	48.2
54	48.4	41.4	62.0

Manual Integrations
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Reviewed By :Christian
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09/08/2022

Supervised By :Jagrut
Upadhyay
09/08/2022

09/08/2022



#24

Nitrobenzene

Concen: 40.910 ng

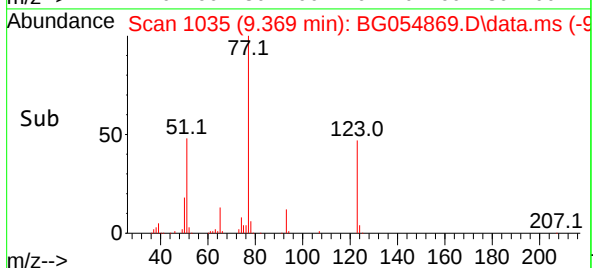
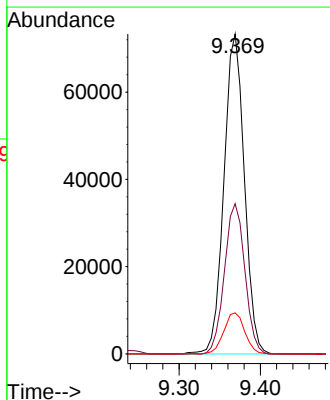
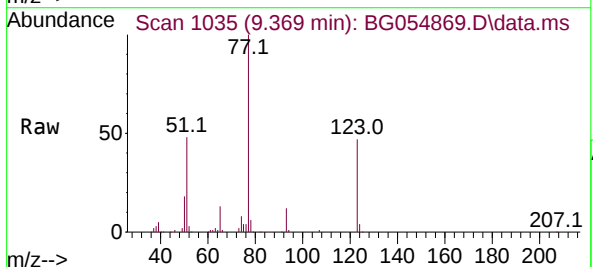
RT: 9.369 min Scan# 1035

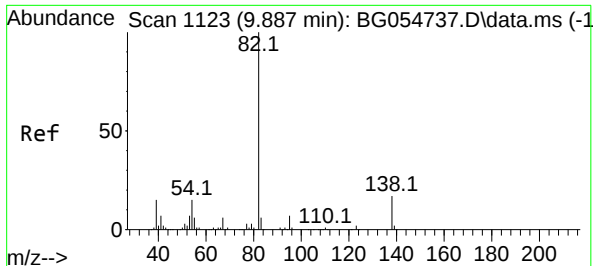
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Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

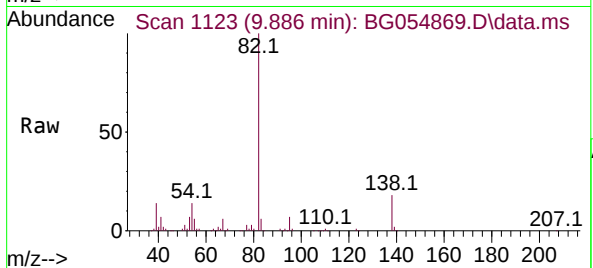
Tgt Ion:	77	Resp:	127738
Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.0	52.6
65	12.8	10.2	15.2





#25
Isophorone
Concen: 42.927 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

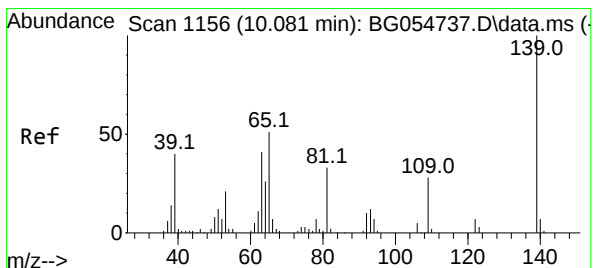
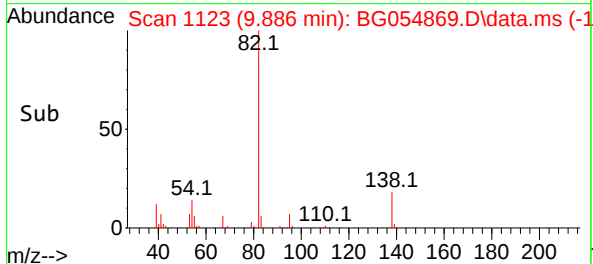
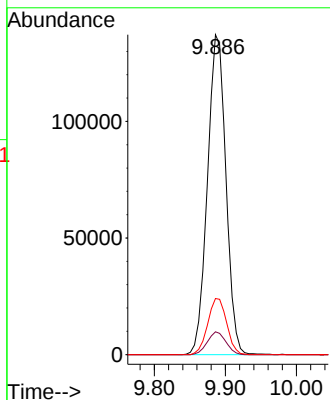


Tgt Ion: 82 Resp: 247955
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.5 13.9 20.9

Manual Integrations
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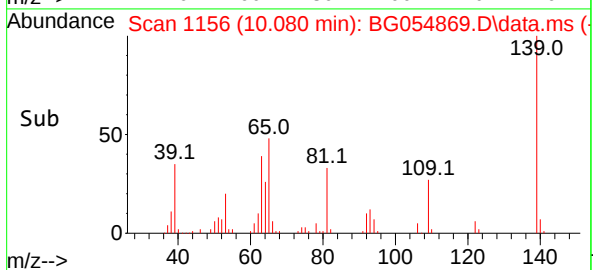
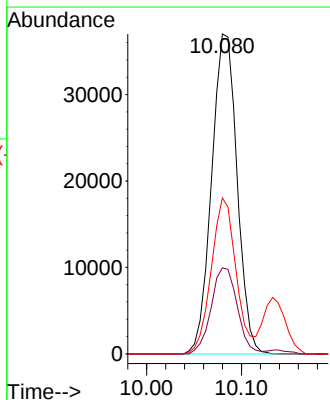
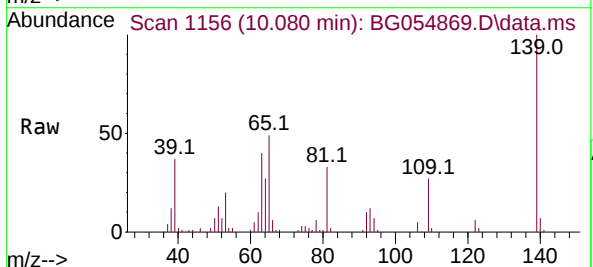
Reviewed By :Christian
Giraldo
09/08/2022

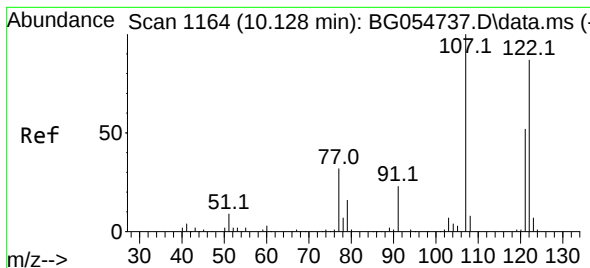
Supervised By :Jagrut
Upadhyay
09/08/2022



#26
2-Nitrophenol
Concen: 50.031 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:139 Resp: 69005
Ion Ratio Lower Upper
139 100
109 26.9 21.8 32.6
65 48.8 37.4 56.0





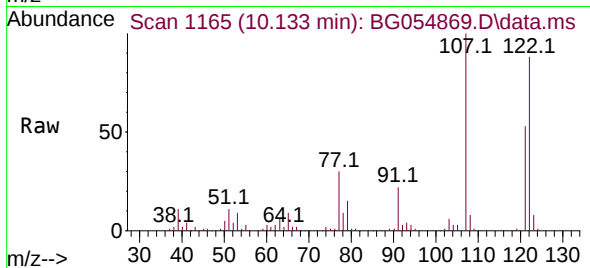
#27
2,4-Dimethylphenol
Concen: 53.038 ng
RT: 10.133 min Scan# 1165
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:122 Resp: 115904
Ion Ratio Lower Upper
122 100
107 114.1 94.6 142.0
121 60.1 49.8 74.6

Manual Integrations
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Reviewed By :Christian
Giraldo

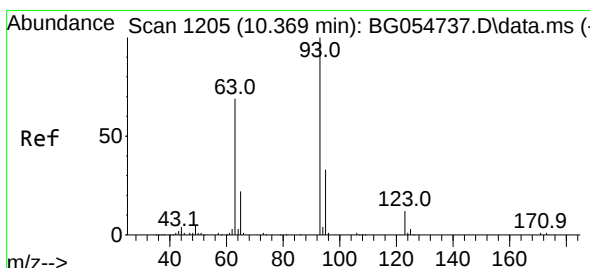
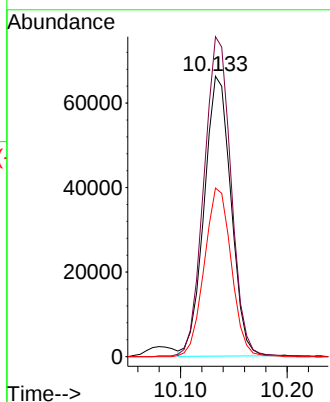
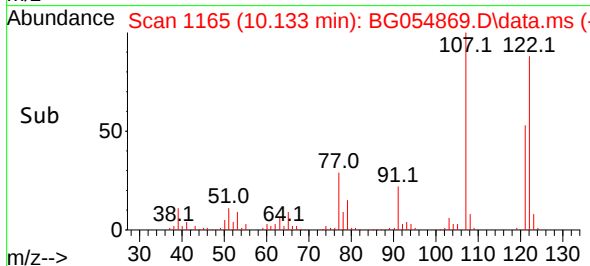
09/08/2022

Supervised By :Jagrut

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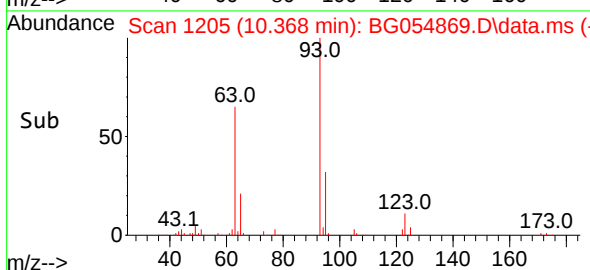
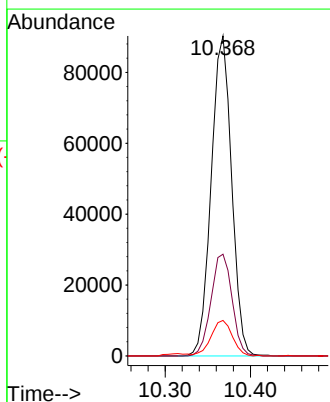
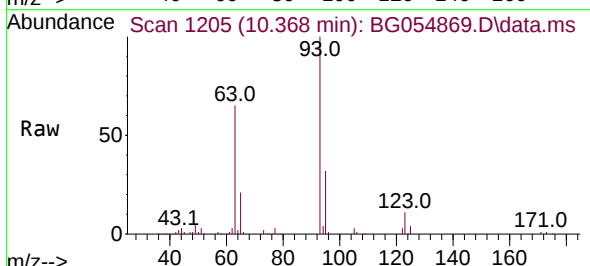
09/08/2022

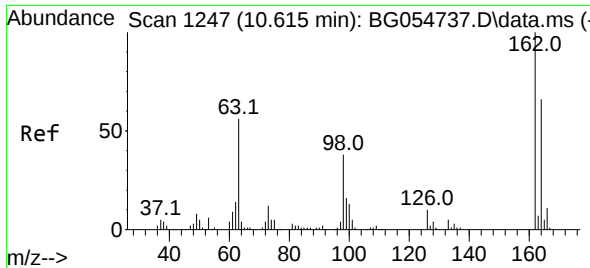
09/08/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.590 ng
RT: 10.368 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion: 93 Resp: 150056
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.2
123 11.1 8.4 12.6





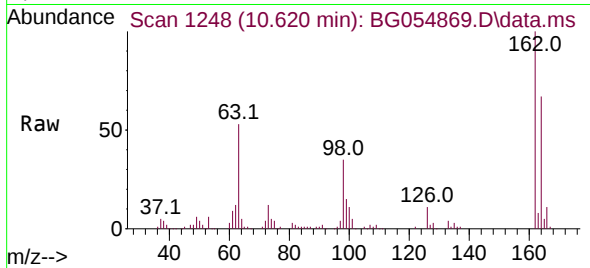
#29
2,4-Dichlorophenol
Concen: 48.170 ng
RT: 10.620 min Scan# 1248
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:162 Resp: 119732
Ion Ratio Lower Upper
162 100
164 66.5 47.2 87.2
98 35.1 16.6 56.6

Manual Integrations
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Reviewed By :Christian
Giraldo

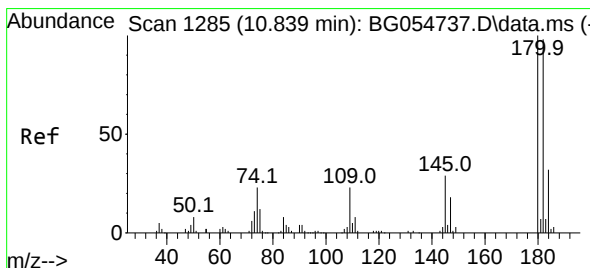
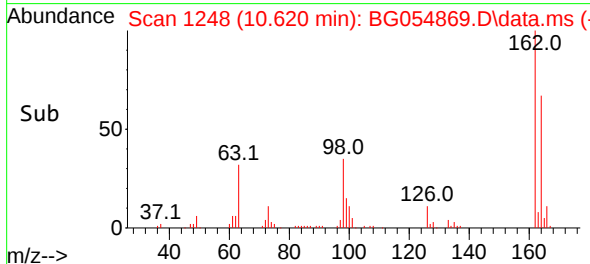
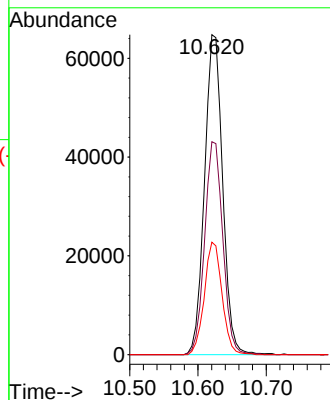
09/08/2022

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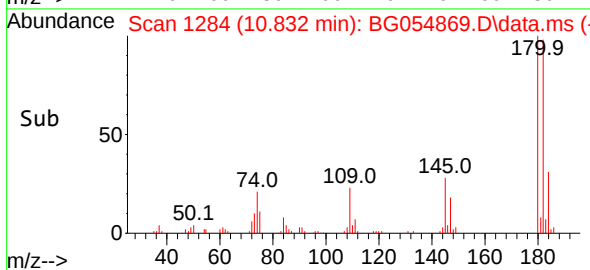
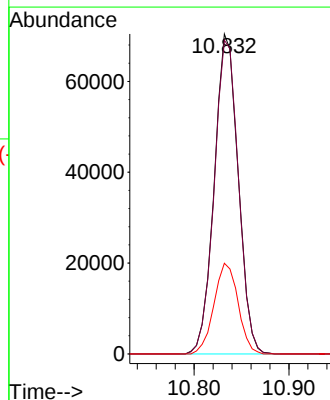
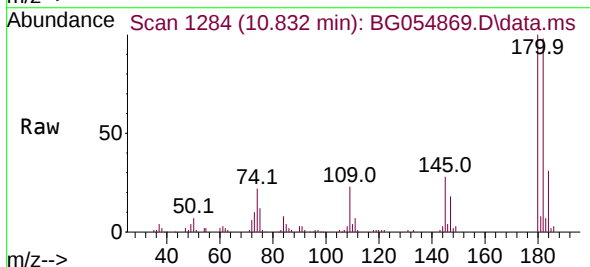
09/08/2022

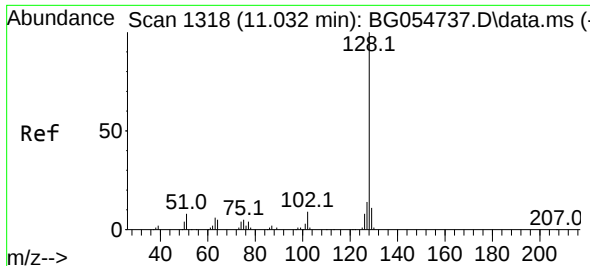
09/08/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.462 ng
RT: 10.832 min Scan# 1284
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

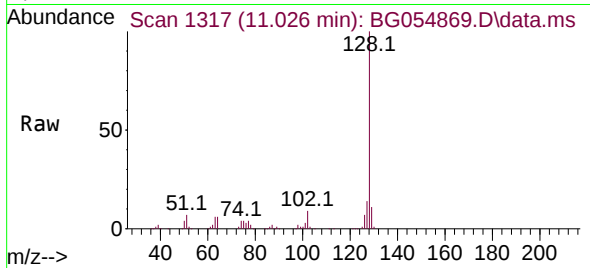
Tgt Ion:180 Resp: 123453
Ion Ratio Lower Upper
180 100
182 98.1 77.0 115.6
145 28.3 24.0 36.0





#31
Naphthalene
Concen: 42.380 ng
RT: 11.026 min Scan# 1196
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
Client Sample Id :
PB147474BS

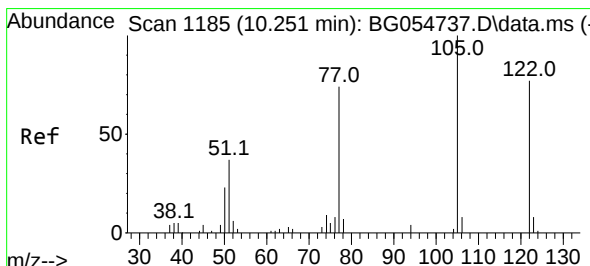
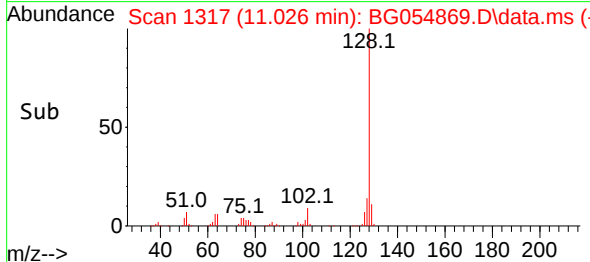
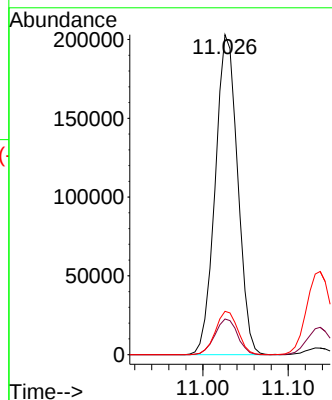


Tgt Ion:128 Resp: 369772
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.5 11.1 16.7

Manual Integrations
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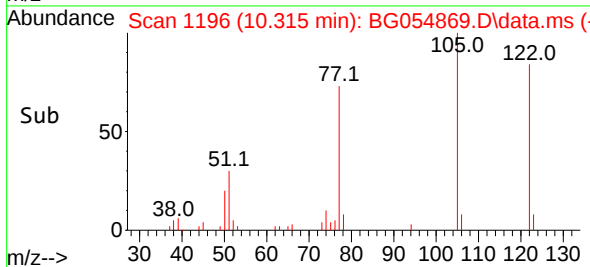
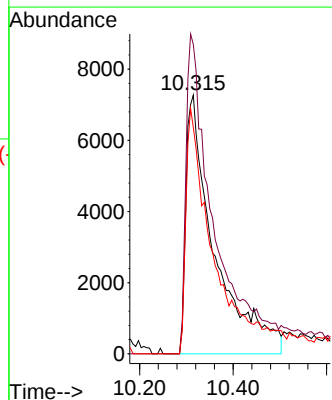
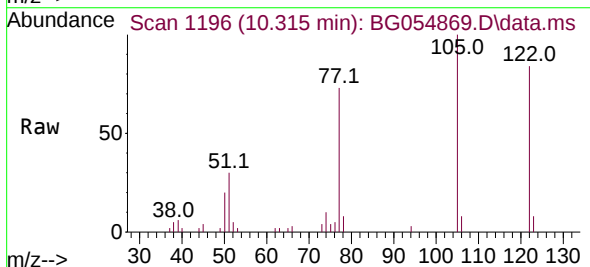
Reviewed By :Christian
Giraldo
09/08/2022

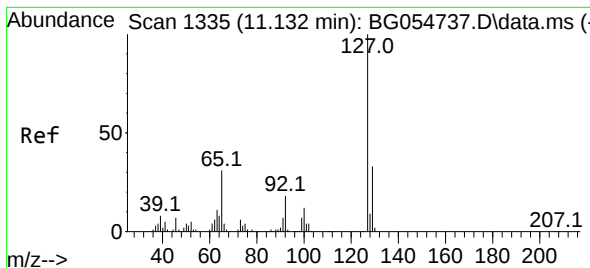
Supervised By :Jagrut
Upadhyay
09/08/2022



#32
Benzoic acid
Concen: 24.318 ng m
RT: 10.315 min Scan# 1196
Delta R.T. 0.064 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

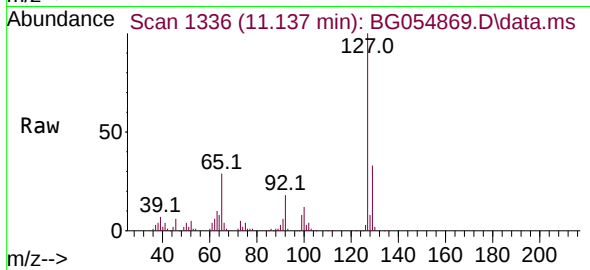
Tgt Ion:122 Resp: 30768
Ion Ratio Lower Upper
122 100
105 119.6 101.5 141.5
77 87.5 69.3 109.3





#33
4-Chloroaniline
Concen: 30.730 ng
RT: 11.137 min Scan# 1335
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

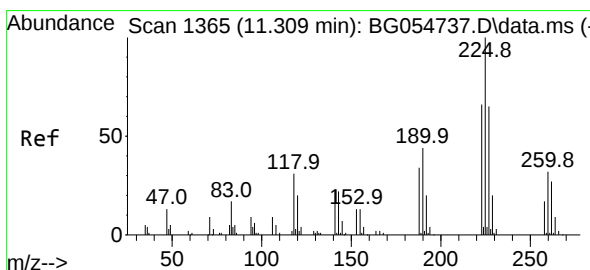
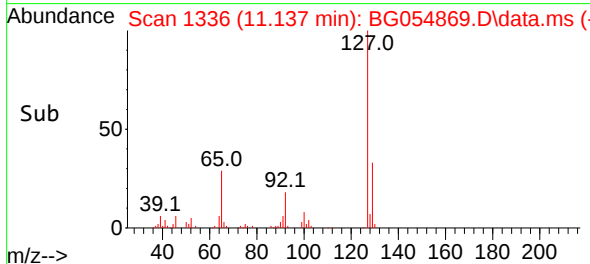
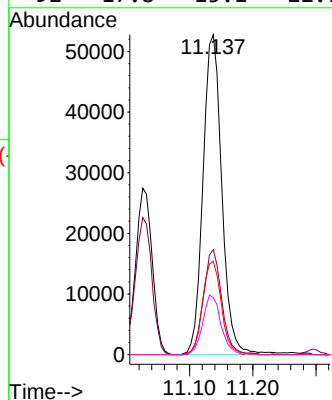


Tgt Ion:127 Resp: 10931
Ion Ratio Lower Upper
127 100
129 32.8 26.0 39.0
65 29.1 25.8 38.8
92 17.8 15.1 22.7

Manual Integrations
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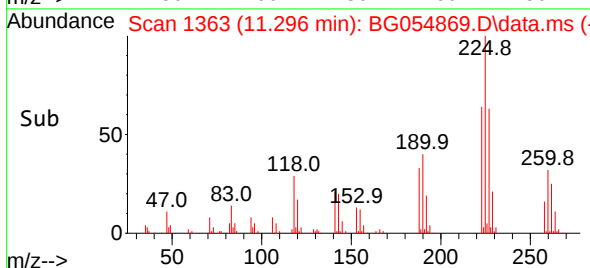
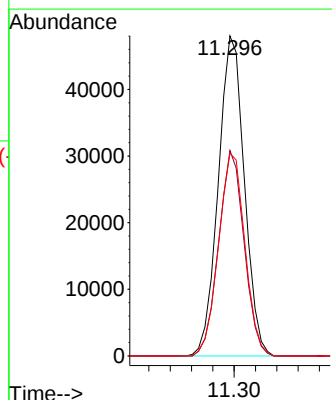
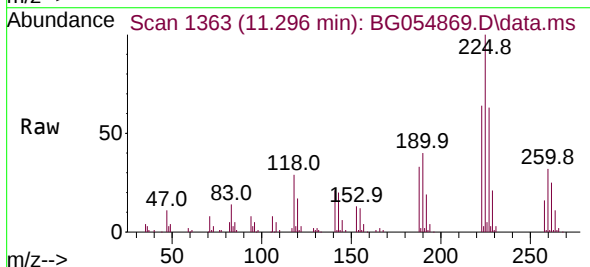
Reviewed By :Christian
Giraldo
09/08/2022

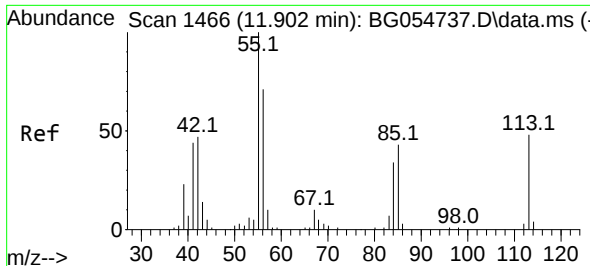
Supervised By :Jagrut
Upadhyay
09/08/2022



#34
Hexachlorobutadiene
Concen: 44.874 ng
RT: 11.296 min Scan# 1363
Delta R.T. -0.013 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:225 Resp: 81667
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 63.4 52.6 79.0





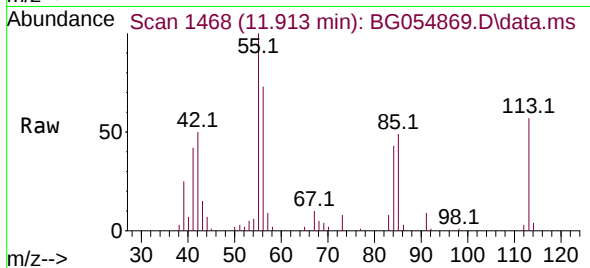
#35
Caprolactam
Concen: 47.262 ng m
RT: 11.913 min Scan# 1466
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:113 Resp: 41445
Ion Ratio Lower Upper
113 100
55 173.9 179.1 219.1
56 126.6 120.8 160.8

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Reviewed By :Christian
Giraldo

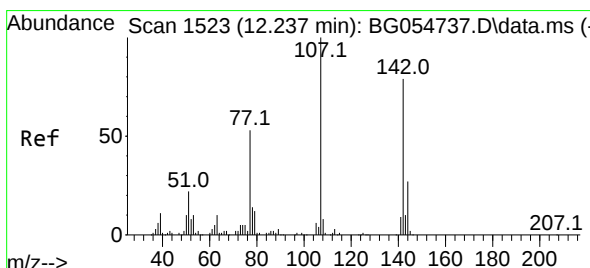
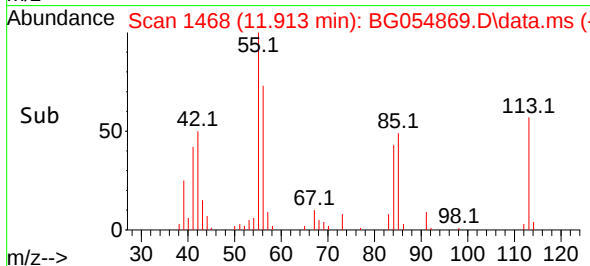
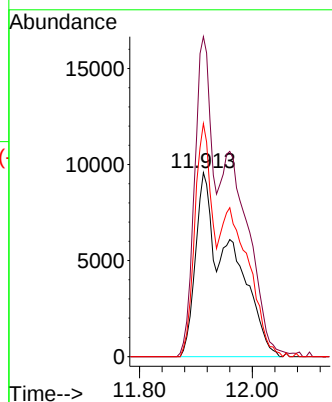
09/08/2022

Supervised By :Jagrut

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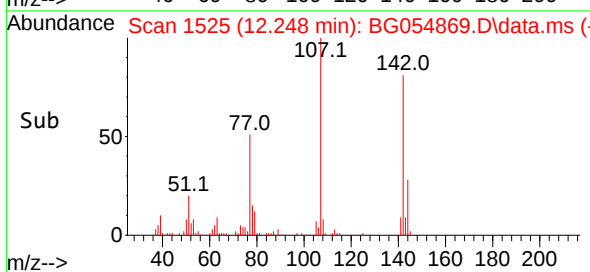
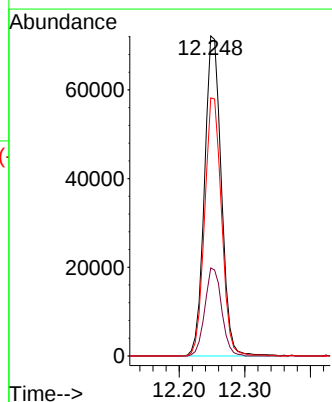
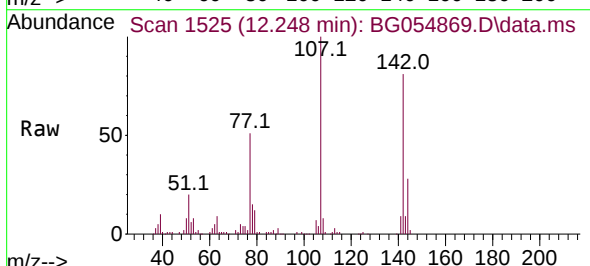
09/08/2022

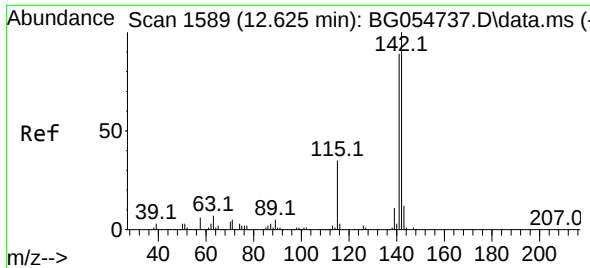
09/08/2022



#36
4-Chloro-3-methylphenol
Concen: 47.100 ng
RT: 12.248 min Scan# 1525
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

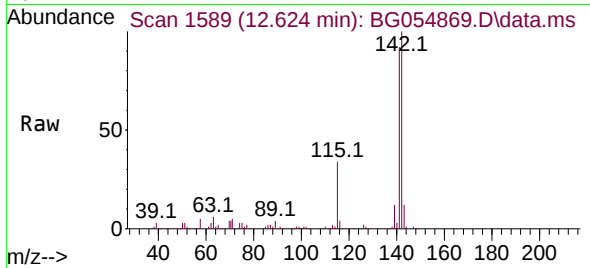
Tgt Ion:107 Resp: 128022
Ion Ratio Lower Upper
107 100
144 27.5 22.4 33.6
142 80.6 65.8 98.8





#37
2-Methylnaphthalene
Concen: 43.087 ng
RT: 12.624 min Scan# 1589
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

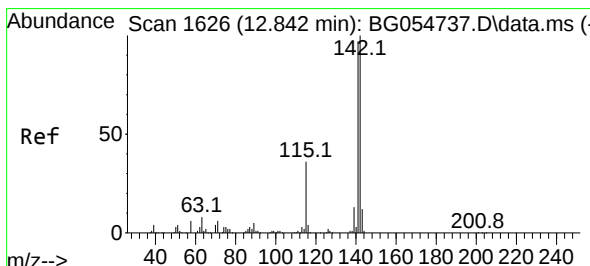
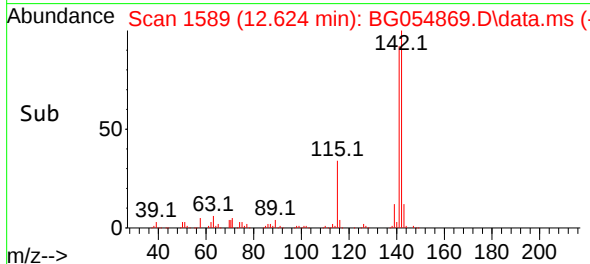
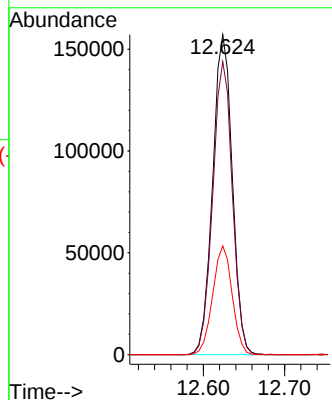


Tgt Ion:142 Resp: 263495
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
115 34.0 27.3 40.9

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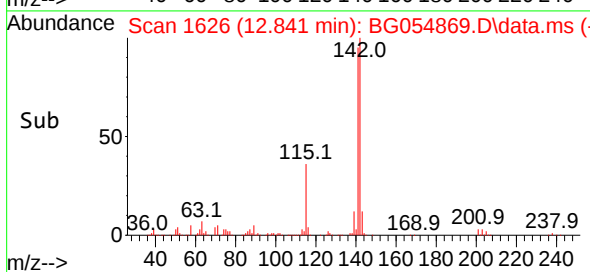
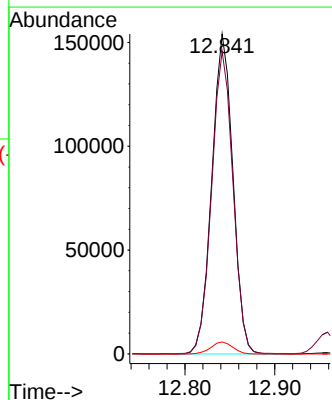
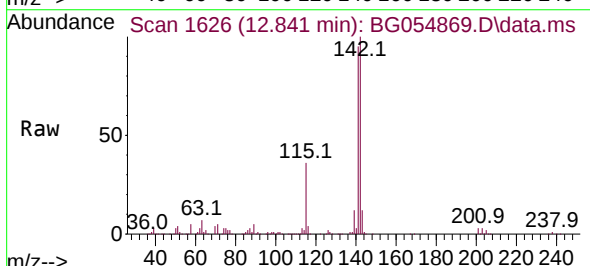
Reviewed By :Christian
Giraldo
09/08/2022

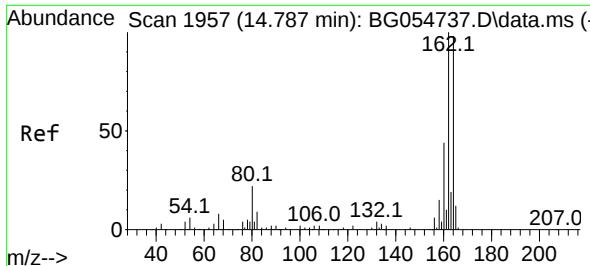
Supervised By :Jagrut
Upadhyay
09/08/2022



#38
1-Methylnaphthalene
Concen: 42.143 ng
RT: 12.841 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:142 Resp: 250740
Ion Ratio Lower Upper
142 100
141 94.6 77.4 116.0
116 3.7 3.0 4.4





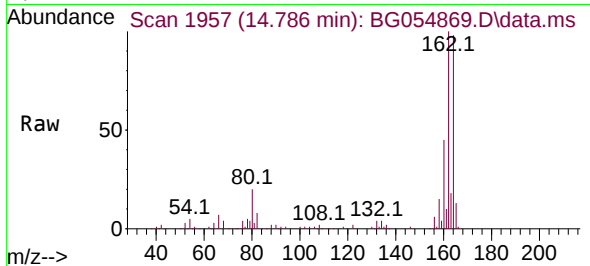
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:164 Resp: 111437
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.4
160 45.5 38.0 57.0

Manual Integrations
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Reviewed By :Christian
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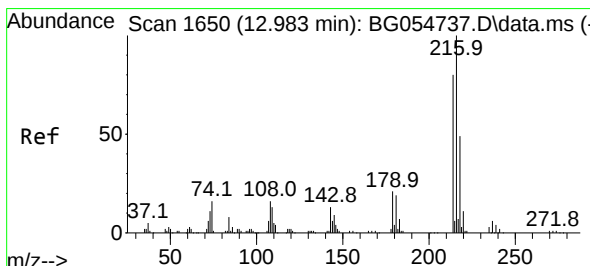
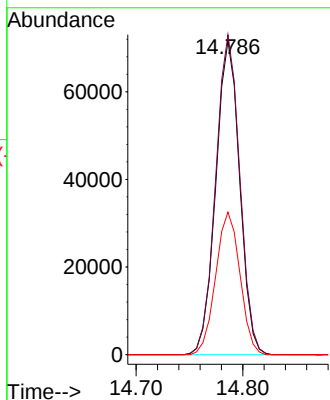
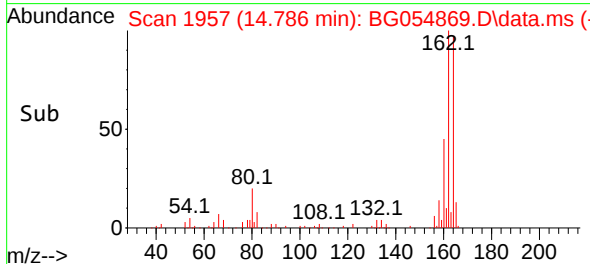
09/08/2022

Supervised By :Jagrut

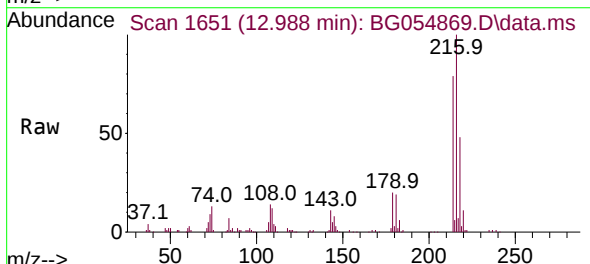
Supervised By :Jagrut

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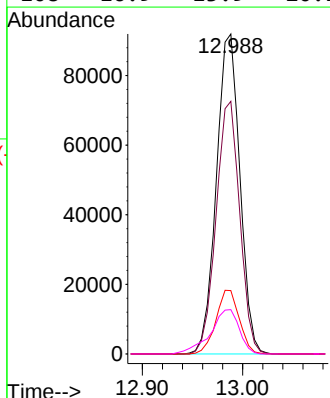
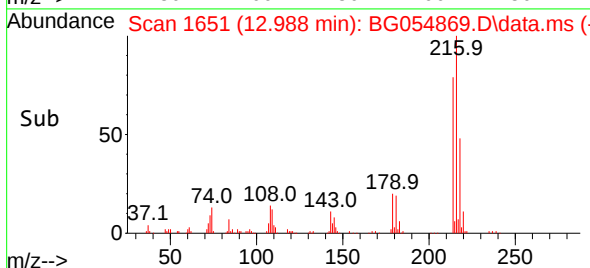
09/08/2022

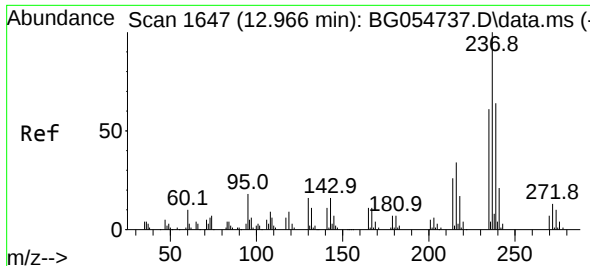


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.650 ng
RT: 12.988 min Scan# 1651
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59



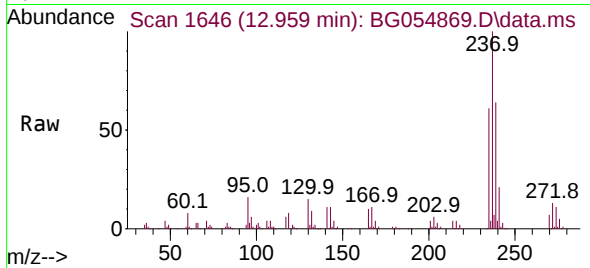
Tgt Ion:216 Resp: 149988
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 19.7 16.5 24.7
108 16.9 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 82.100 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

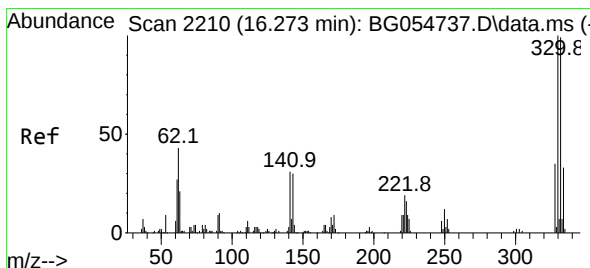
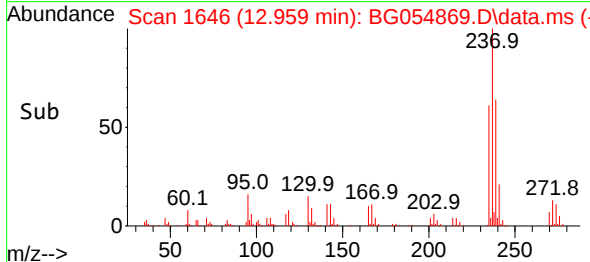
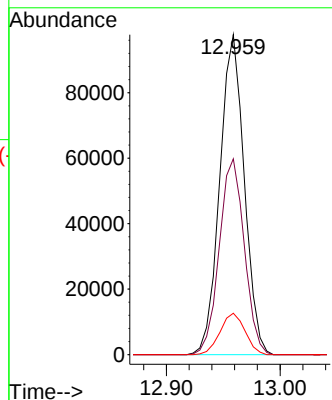


Tgt Ion:237 Resp: 146263
Ion Ratio Lower Upper
237 100
235 61.2 42.2 82.2
272 13.0 0.0 34.0

Manual Integrations
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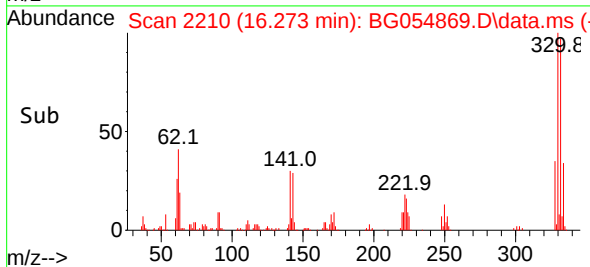
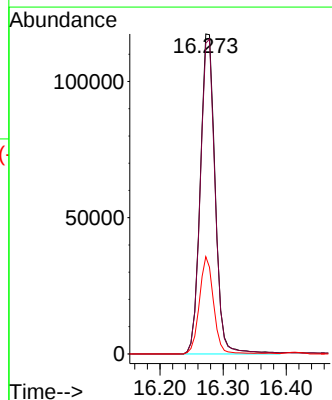
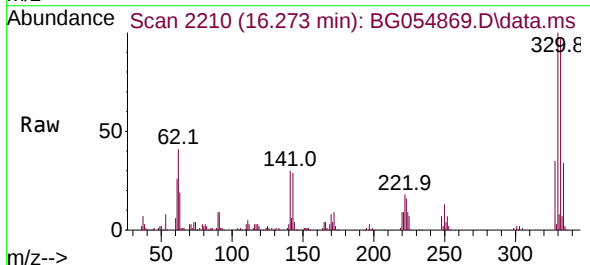
Reviewed By :Christian
Giraldo
09/08/2022

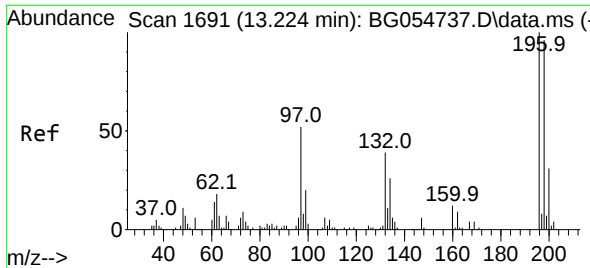
Supervised By :Jagrut
Upadhyay
09/08/2022



#42
2,4,6-Tribromophenol
Concen: 137.808 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:330 Resp: 191895
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 29.0 26.8 40.2





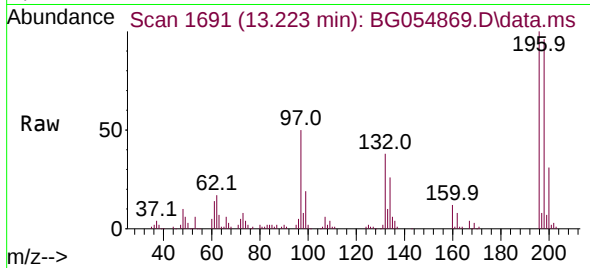
#43
2,4,6-Trichlorophenol
Concen: 44.278 ng
RT: 13.223 min Scan# 1691
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:196 Resp: 98725
Ion Ratio Lower Upper
196 100
198 96.4 77.1 115.7
200 30.9 24.2 36.4

Manual Integrations
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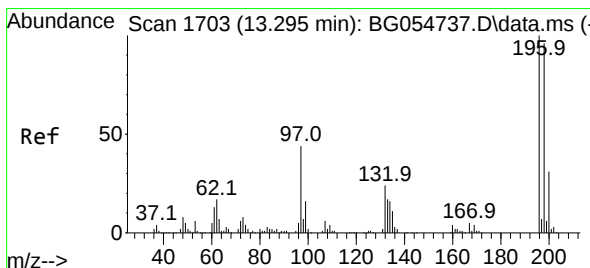
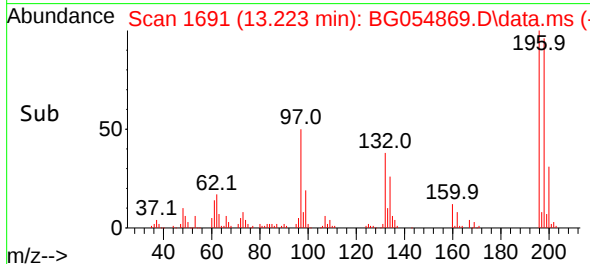
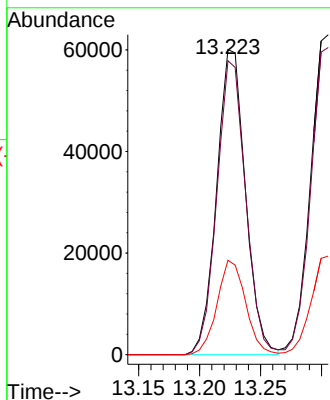
Reviewed By :Christian
Giraldo

09/08/2022

Supervised By :Jagrut

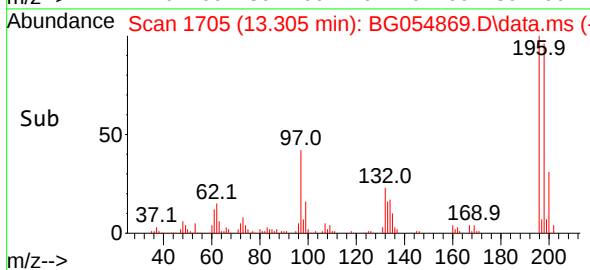
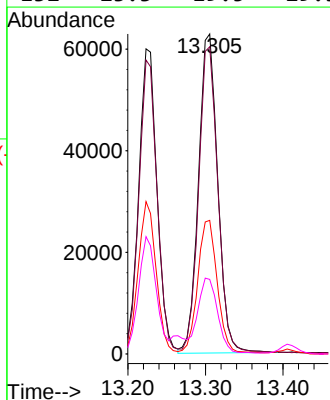
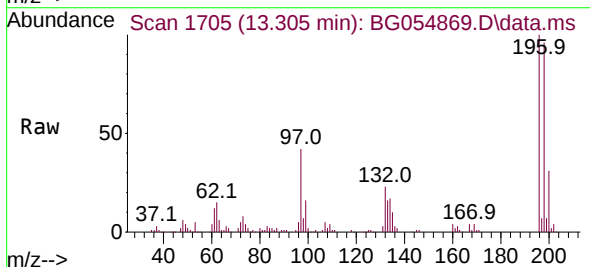
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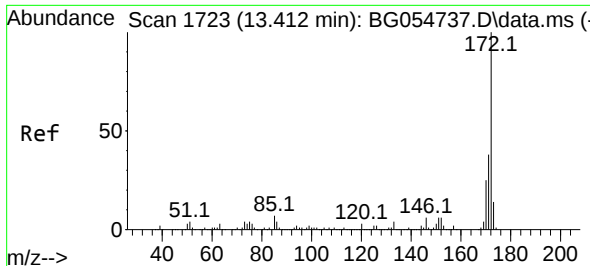
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#44
2,4,5-Trichlorophenol
Concen: 43.339 ng
RT: 13.305 min Scan# 1705
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:196 Resp: 108520
Ion Ratio Lower Upper
196 100
198 96.0 76.7 115.1
97 41.7 36.6 55.0
132 23.3 19.5 29.3





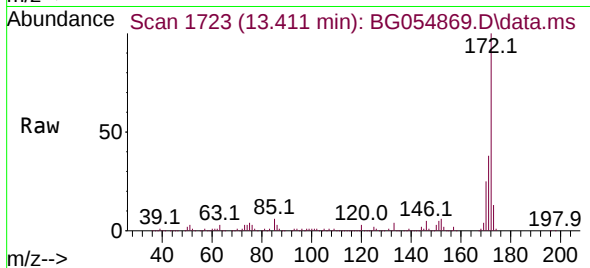
#45
2-Fluorobiphenyl
Concen: 79.826 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:172 Resp: 591849
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.1 20.6 30.8

Manual Integrations
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Reviewed By :Christian
Giraldo

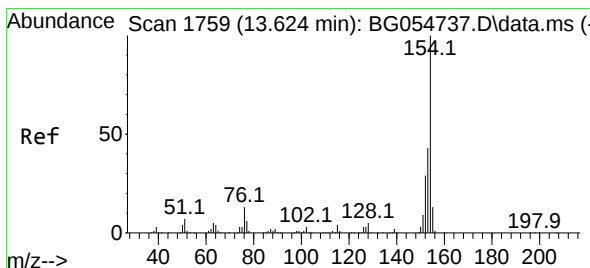
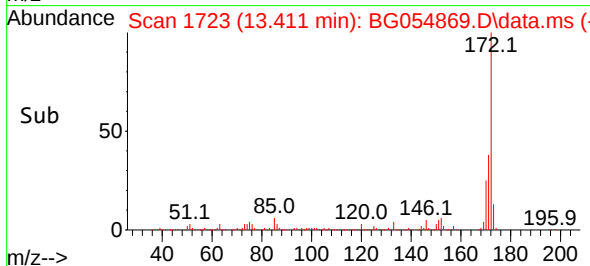
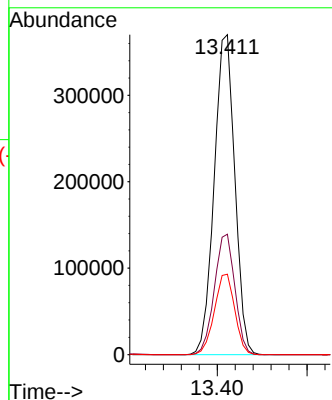
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Supervised By :Jagrut

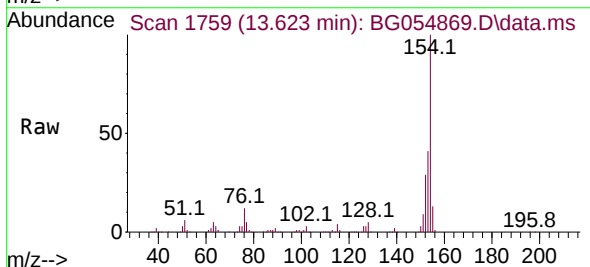
Supervised By :Jagrut

09/08/2022

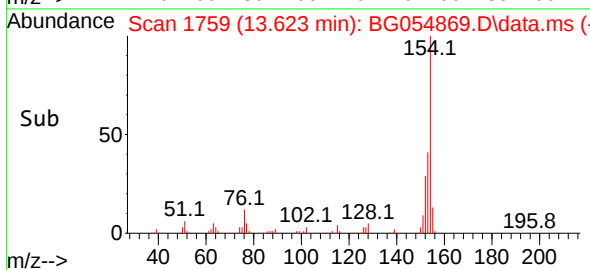
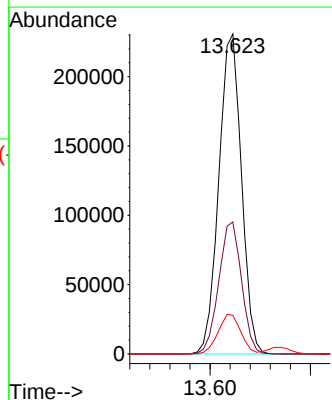
09/08/2022

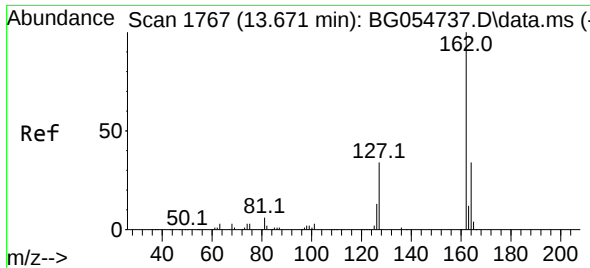


#46
1,1'-Biphenyl
Concen: 43.617 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59



Tgt Ion:154 Resp: 360944
Ion Ratio Lower Upper
154 100
153 41.2 22.2 62.2
76 12.1 0.0 34.0





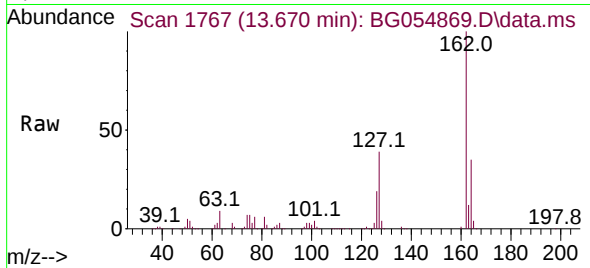
#47
2-Chloronaphthalene
Concen: 42.115 ng
RT: 13.670 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:162 Resp: 264686
Ion Ratio Lower Upper
162 100
127 38.9 31.5 47.3
164 34.8 27.8 41.6

Manual Integrations
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Reviewed By :Christian
Giraldo

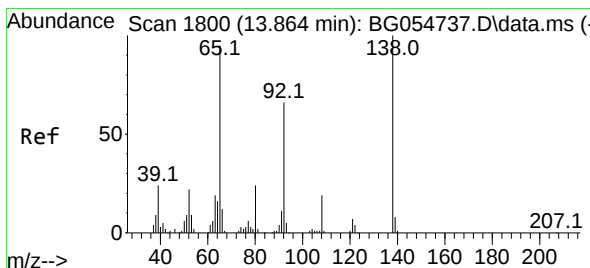
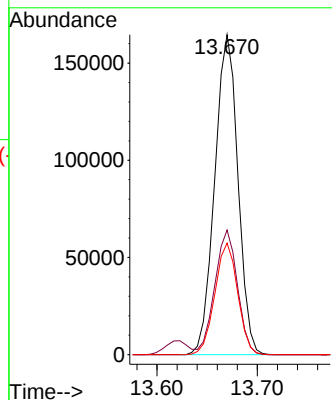
09/08/2022

Supervised By :Jagrut

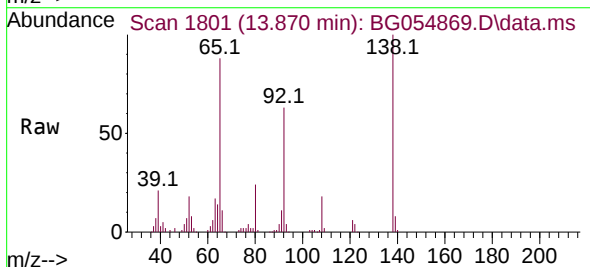
Supervised By :Jagrut

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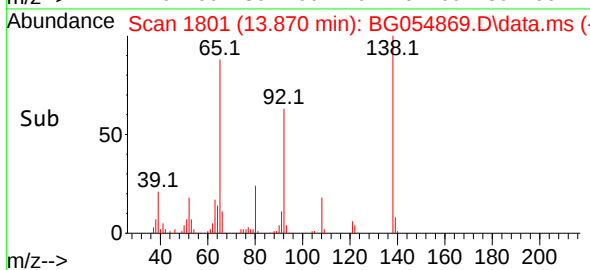
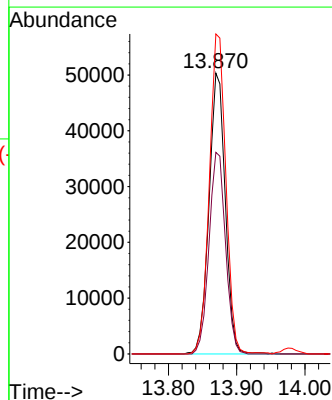
09/08/2022

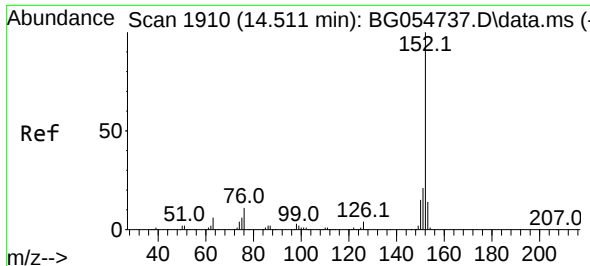


#48
2-Nitroaniline
Concen: 42.341 ng
RT: 13.870 min Scan# 1801
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59



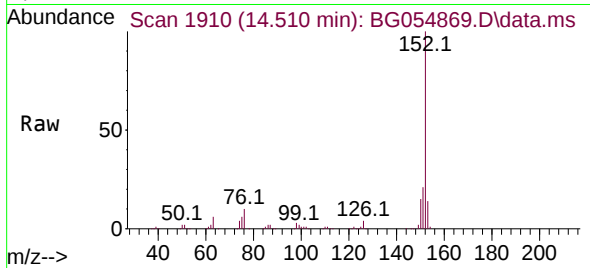
Tgt Ion: 65 Resp: 83396
Ion Ratio Lower Upper
65 100
92 71.8 54.7 82.1
138 114.0 84.1 126.1





#49
Acenaphthylene
Concen: 42.711 ng
RT: 14.510 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
Client Sample Id :
PB147474BS

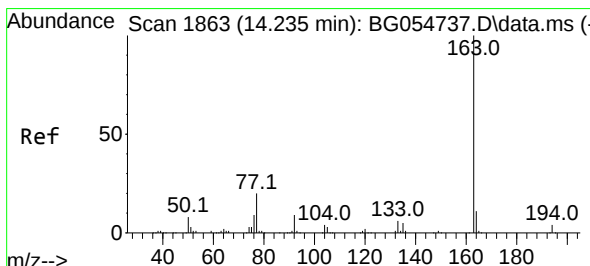
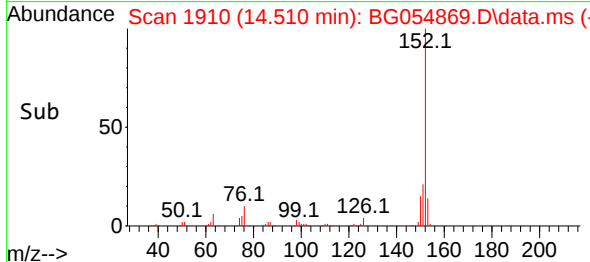
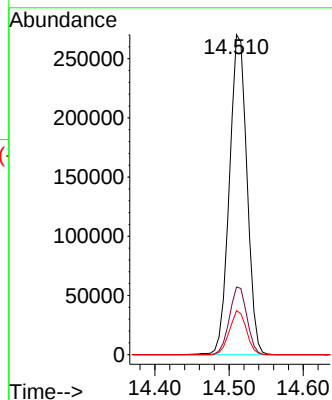


Tgt Ion:152 Resp: 442955
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 13.7 10.8 16.2

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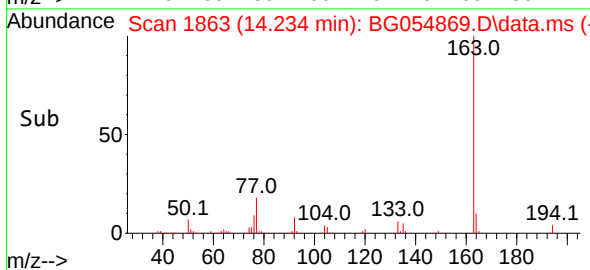
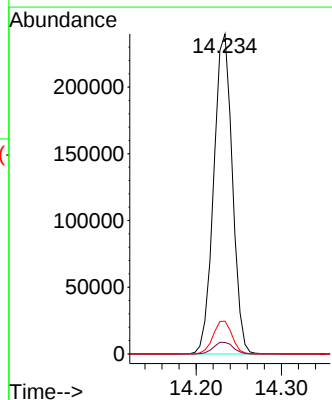
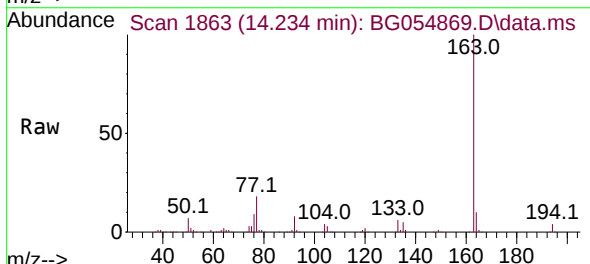
Reviewed By :Christian
Giraldo
09/08/2022

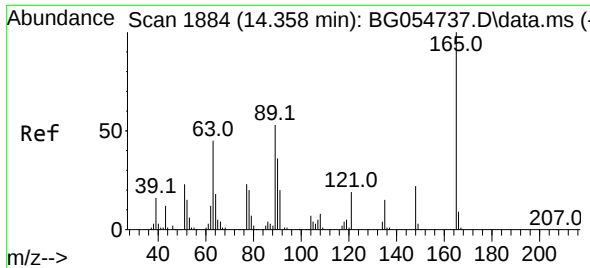
Supervised By :Jagrut
Upadhyay
09/08/2022



#50
Dimethylphthalate
Concen: 42.306 ng
RT: 14.234 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:163 Resp: 363209
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.135 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
Client Sample Id :
PB147474BS

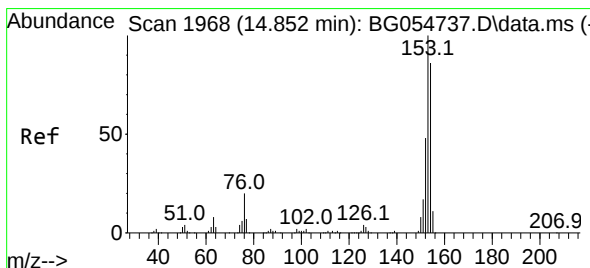
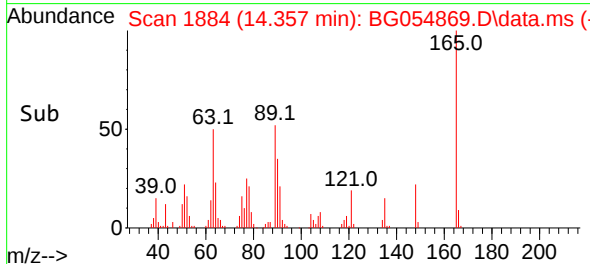
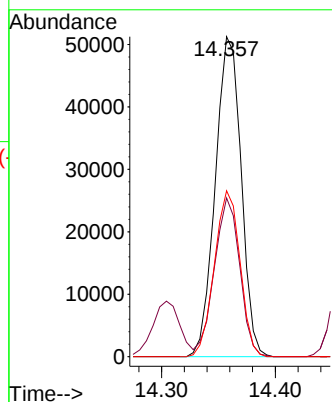
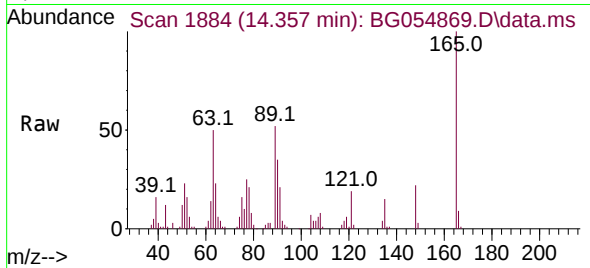
Tgt Ion:165 Resp: 81013
Ion Ratio Lower Upper
165 100
63 49.6 46.0 69.0
89 51.8 50.3 75.5

Manual Integrations
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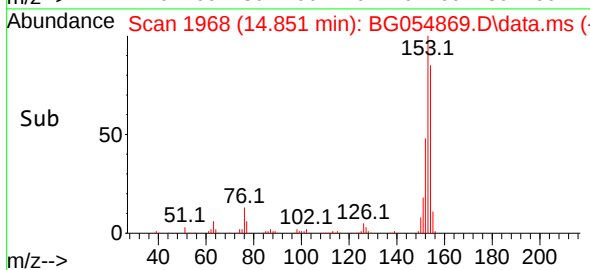
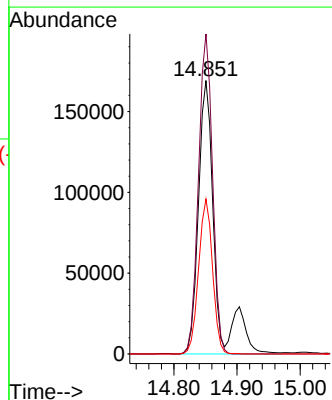
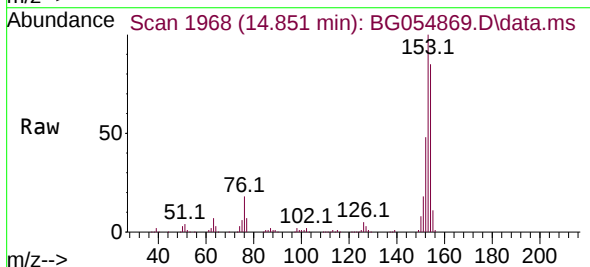
Supervised By :Jagrut
Upadhyay
09/08/2022

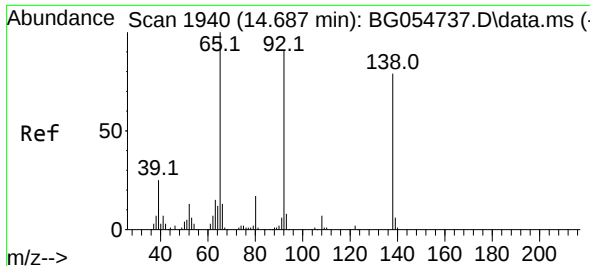
09/08/2022



#52
Acenaphthene
Concen: 46.436 ng m
RT: 14.851 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:154 Resp: 309352
Ion Ratio Lower Upper
154 100
153 117.1 92.8 139.2
152 56.6 45.4 68.2





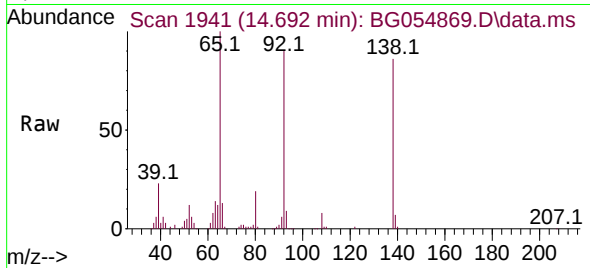
#53
3-Nitroaniline
Concen: 34.760 ng
RT: 14.692 min Scan# 1940
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:138 Resp: 68329
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 104.6 96.0 144.0

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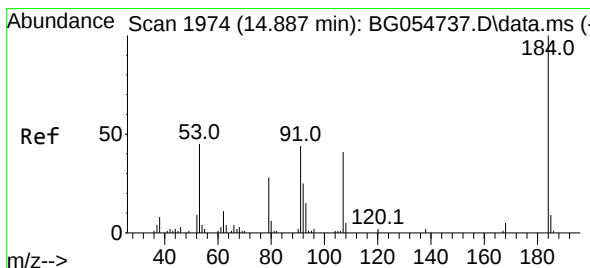
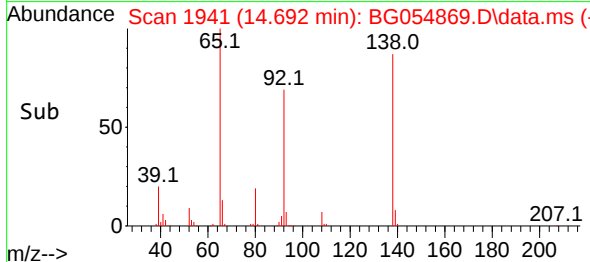
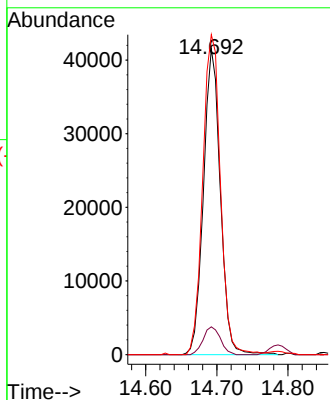
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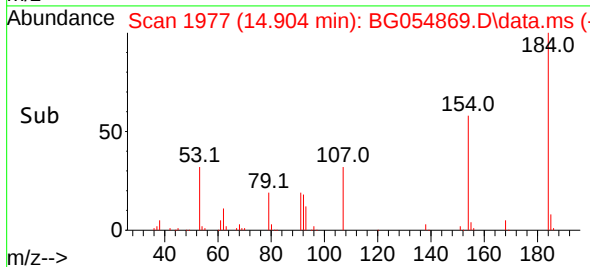
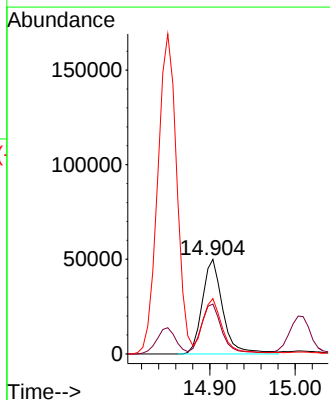
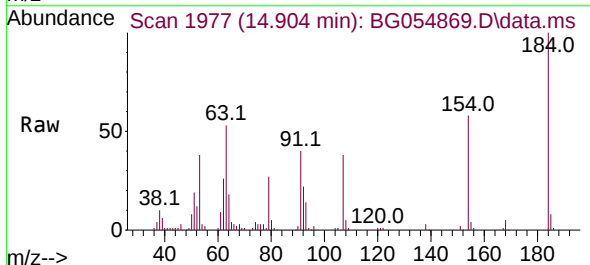
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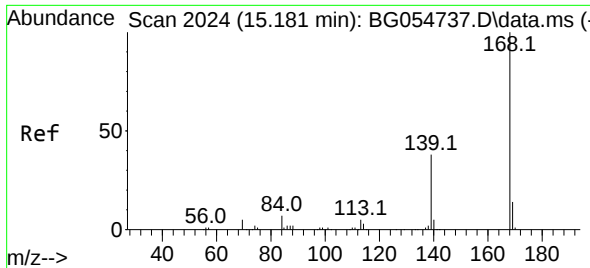
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#54
2,4-Dinitrophenol
Concen: 83.884 ng
RT: 14.904 min Scan# 1977
Delta R.T. 0.017 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:184 Resp: 83483
Ion Ratio Lower Upper
184 100
63 52.8 41.8 62.8
154 58.5 45.2 67.8





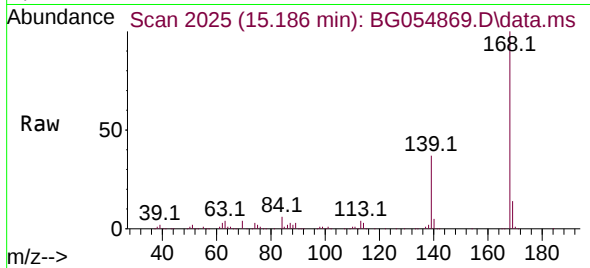
#55
Dibenzofuran
Concen: 43.037 ng
RT: 15.186 min Scan# 2024
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:168 Resp: 421287
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.0 11.3 16.9

Manual Integrations
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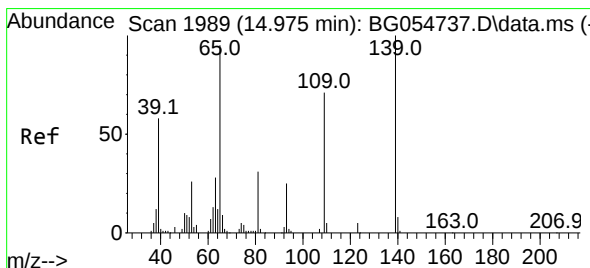
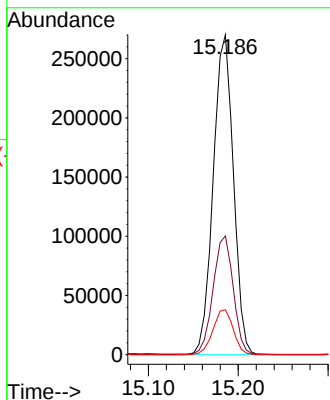
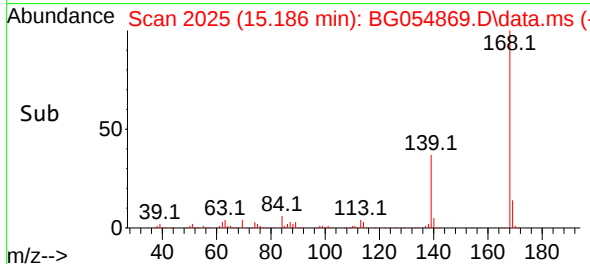
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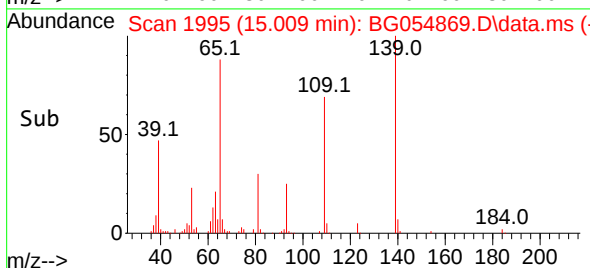
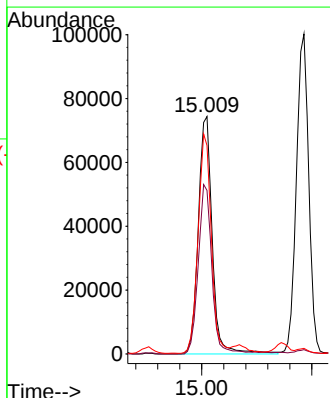
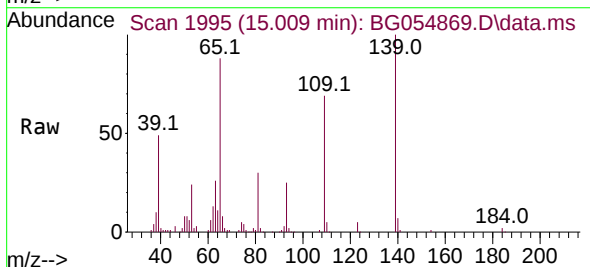
09/08/2022

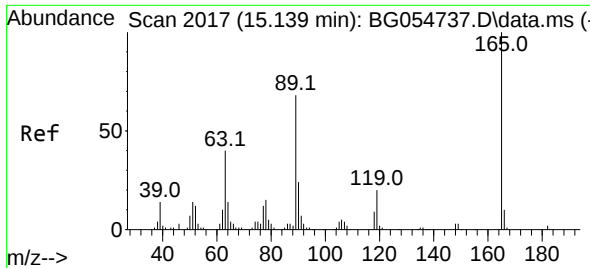
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#56
4-Nitrophenol
Concen: 85.926 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.034 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:139 Resp: 130713
Ion Ratio Lower Upper
139 100
109 68.8 50.5 90.5
65 87.8 79.9 119.9





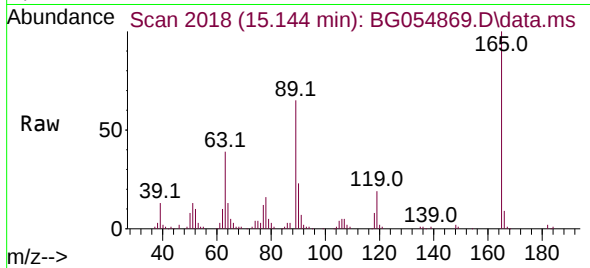
#57
2,4-Dinitrotoluene
Concen: 47.389 ng
RT: 15.144 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:165 Resp: 115102
Ion Ratio Lower Upper
165 100
63 38.9 36.8 55.2
89 65.5 64.3 96.5
182 2.2 1.8 2.6

Manual Integrations
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Reviewed By :Christian
Giraldo

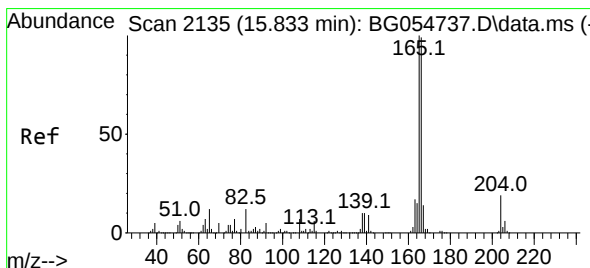
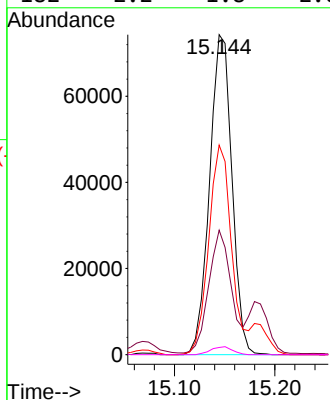
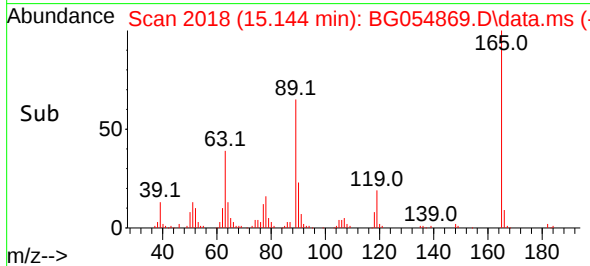
09/08/2022

Supervised By :Jagrut

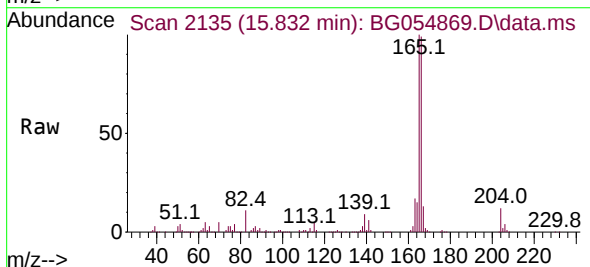
Supervised By :Jagrut

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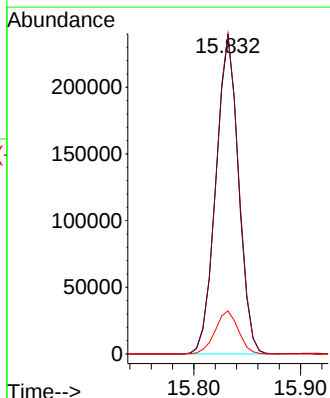
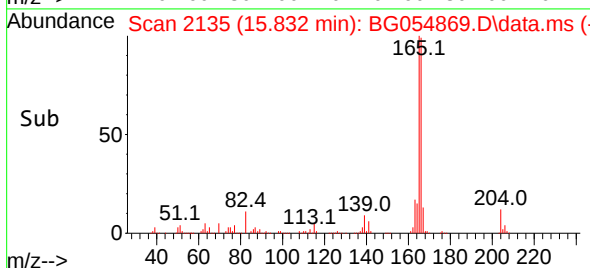
09/08/2022

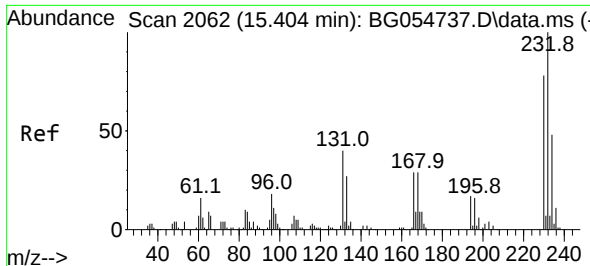


#58
Fluorene
Concen: 42.696 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59



Tgt Ion:166 Resp: 352100
Ion Ratio Lower Upper
166 100
165 100.6 80.8 121.2
167 13.5 11.4 17.0





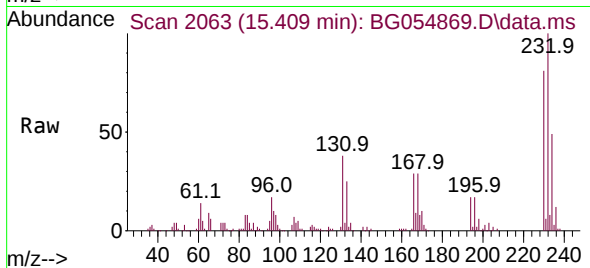
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.374 ng
RT: 15.409 min Scan# 2063
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:232 Resp: 91132
Ion Ratio Lower Upper
232 100
131 38.1 31.3 46.9
130 2.1 1.8 2.6
166 28.5 23.1 34.7

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

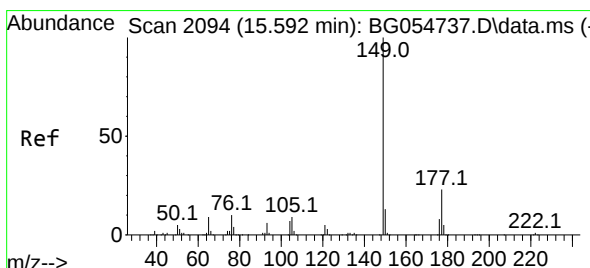
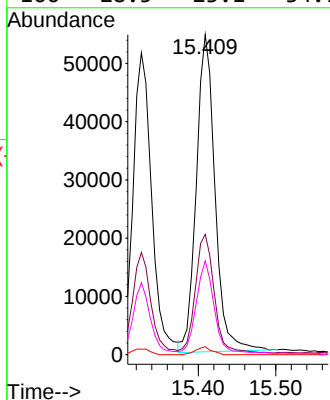
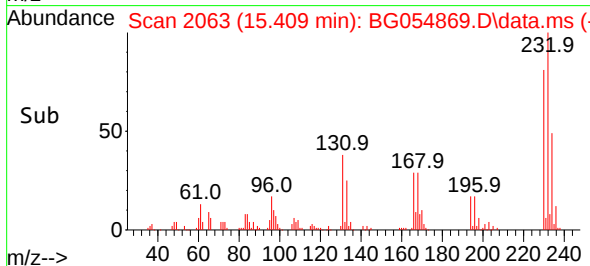
09/08/2022

Supervised By :Jagrut

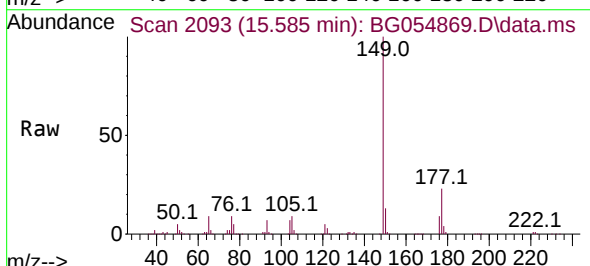
Supervised By :Jagrut

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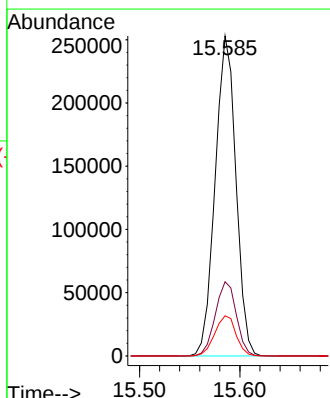
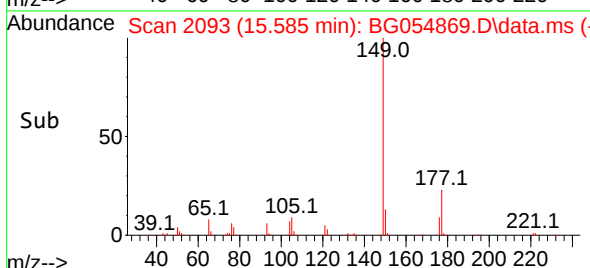
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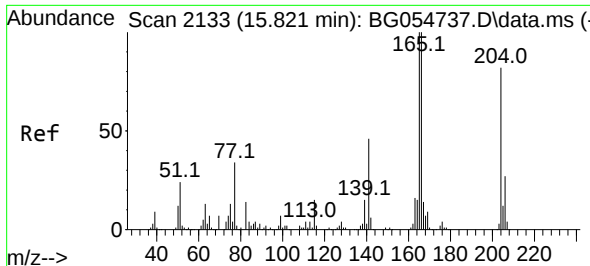


#60
Diethylphthalate
Concen: 42.472 ng
RT: 15.585 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59



Tgt Ion:149 Resp: 364104
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.6
150 12.5 10.1 15.1





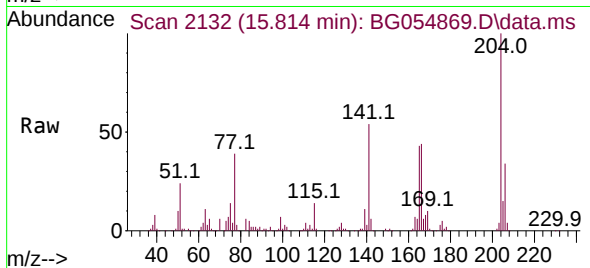
#61
4-Chlorophenyl-phenylether
Concen: 45.553 ng
RT: 15.814 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:204 Resp: 185319
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 54.1 44.9 67.3

Manual Integrations
APPROVED

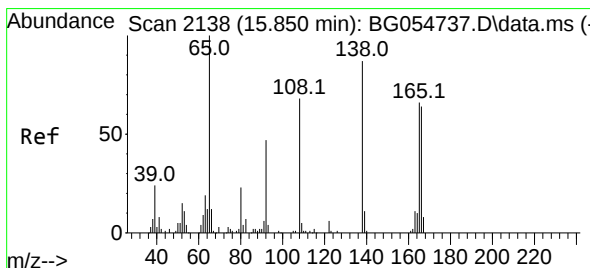
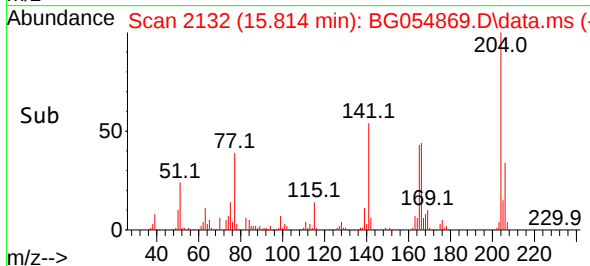
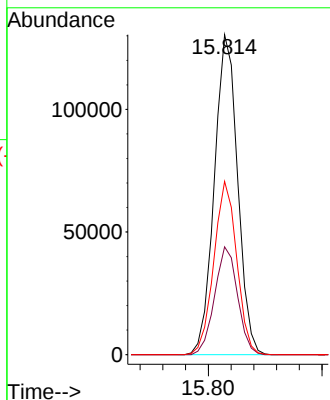
Reviewed By :Christian
Giraldo

09/08/2022

Supervised By :Jagrut

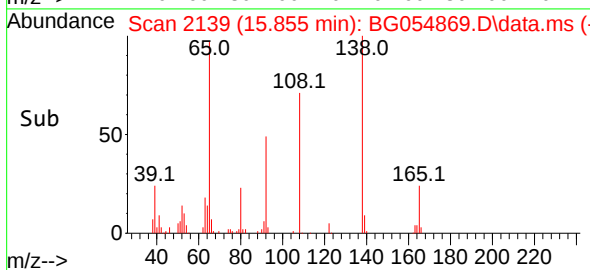
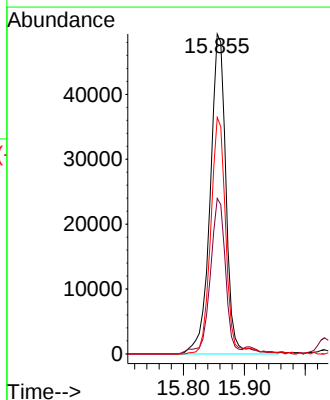
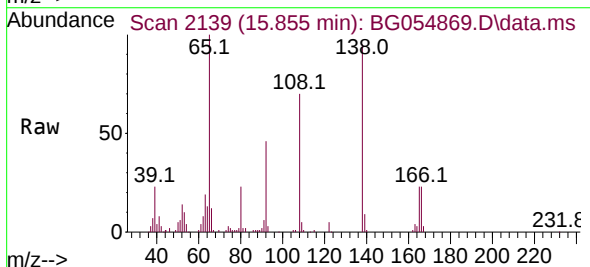
Supervised By :Jagrut

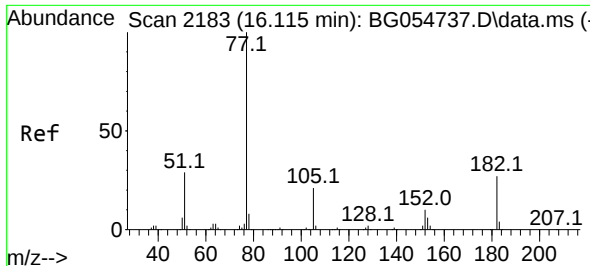
09/08/2022



#62
4-Nitroaniline
Concen: 44.304 ng
RT: 15.855 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:138 Resp: 88917
Ion Ratio Lower Upper
138 100
92 48.6 34.7 74.7
108 73.9 56.2 96.2





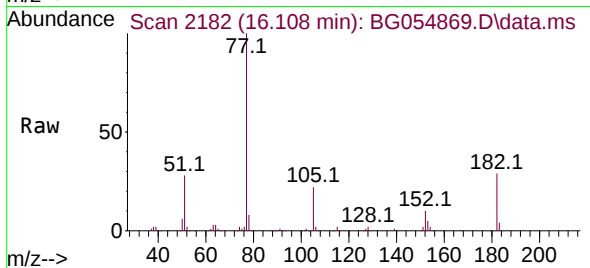
#63
Azobenzene
Concen: 38.879 ng
RT: 16.108 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion: 77 Resp: 316758
Ion Ratio Lower Upper
77 100
182 28.7 5.1 45.1
105 21.9 0.7 40.7
51 27.9 9.9 49.9

Manual Integrations
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Reviewed By :Christian
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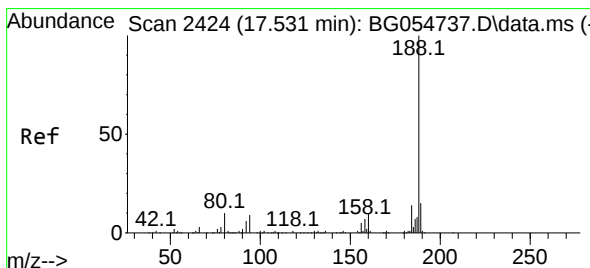
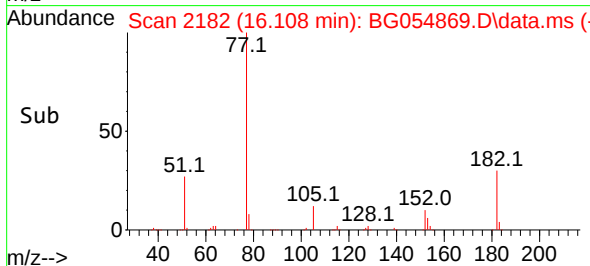
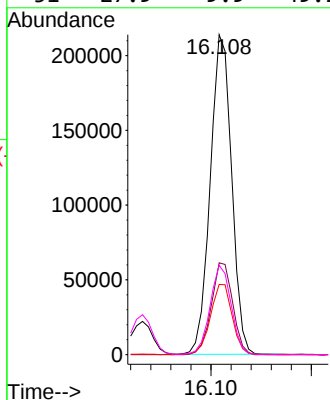
09/08/2022

Supervised By :Jagrut

Supervised By :Jagrut

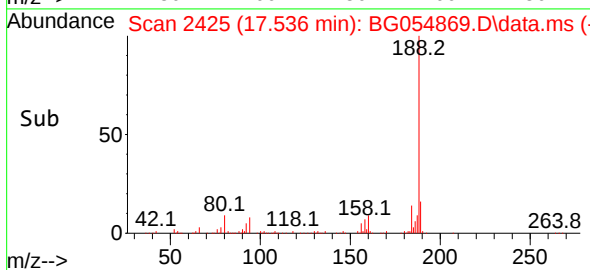
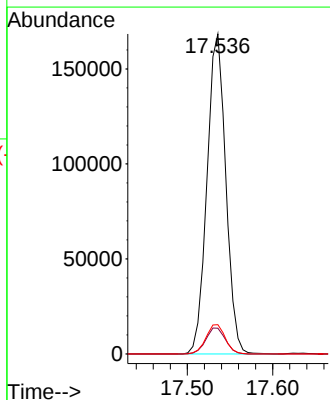
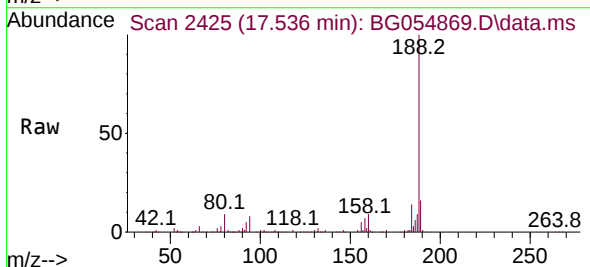
09/08/2022

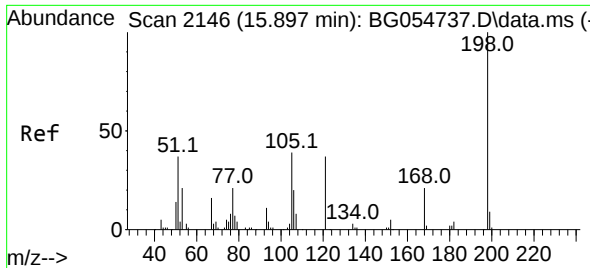
09/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:188 Resp: 257680
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.499 ng
RT: 15.908 min Scan# 2146
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Tgt Ion:198 Resp: 62303
Ion Ratio Lower Upper
198 100
51 38.1 19.9 59.9
105 40.8 20.3 60.3

Manual Integrations
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Reviewed By :Christian
Giraldo

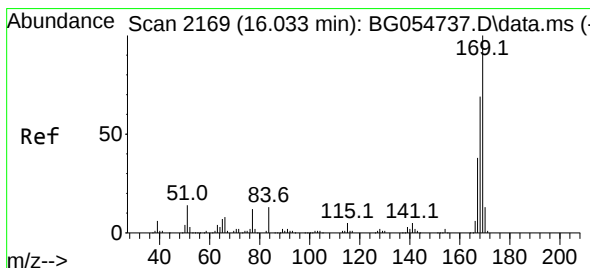
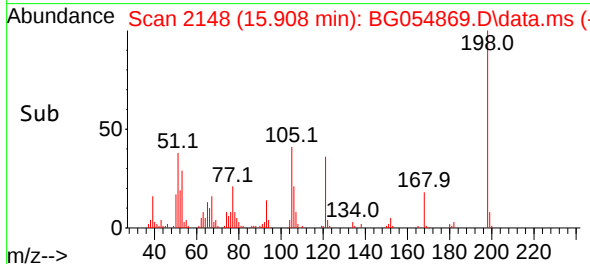
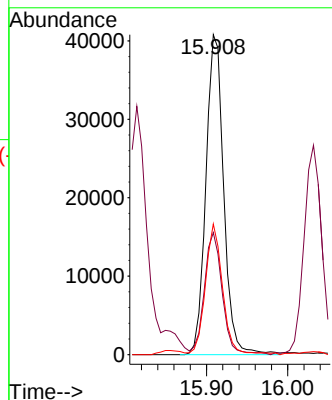
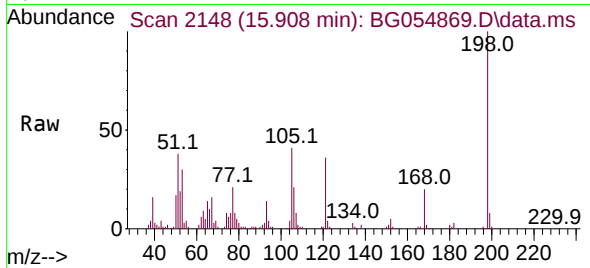
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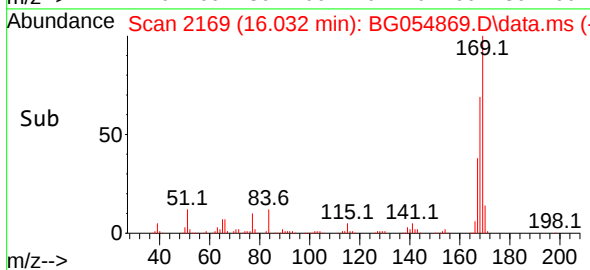
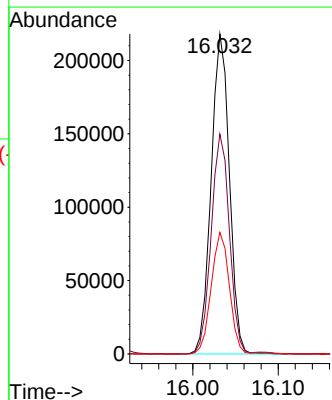
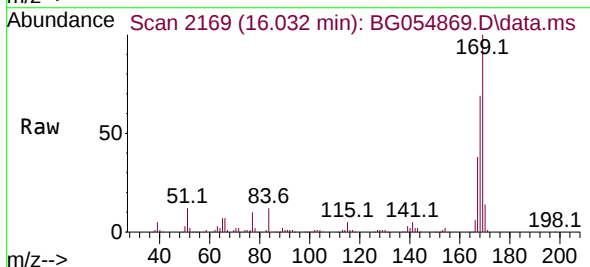
09/08/2022

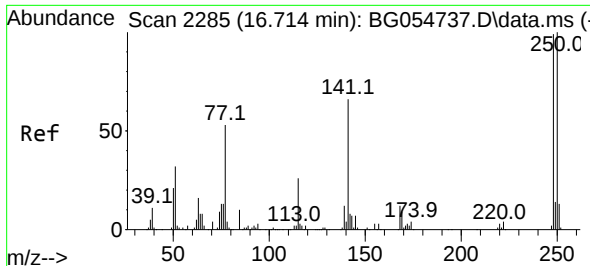
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#66
n-Nitrosodiphenylamine
Concen: 43.447 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:169 Resp: 322856
Ion Ratio Lower Upper
169 100
168 68.7 55.6 83.4
167 38.0 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 46.378 ng
RT: 16.713 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Tgt Ion:248 Resp: 131210
Ion Ratio Lower Upper
248 100
250 96.3 78.8 118.2
141 58.5 51.9 77.9

Manual Integrations
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Reviewed By :Christian
Giraldo

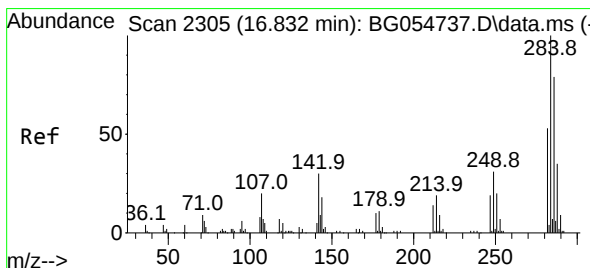
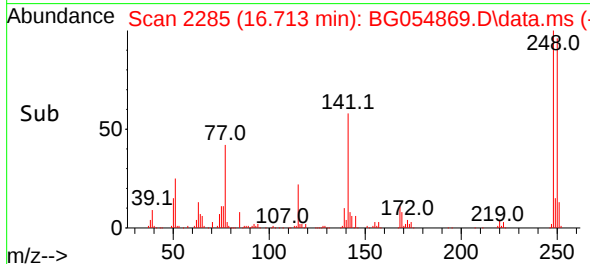
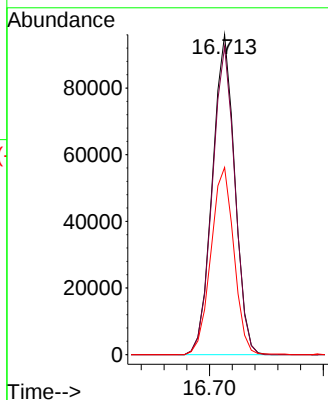
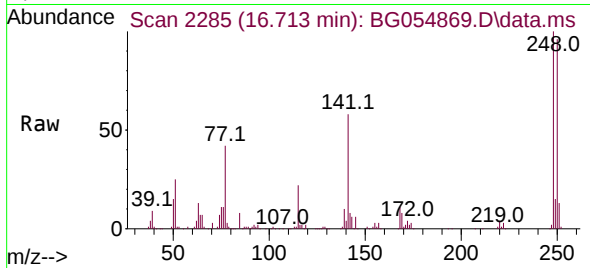
09/08/2022

Supervised By :Jagrut

Supervised By :Jagrut

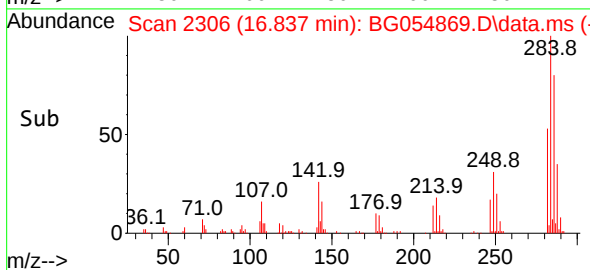
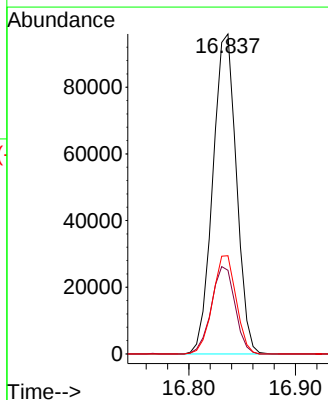
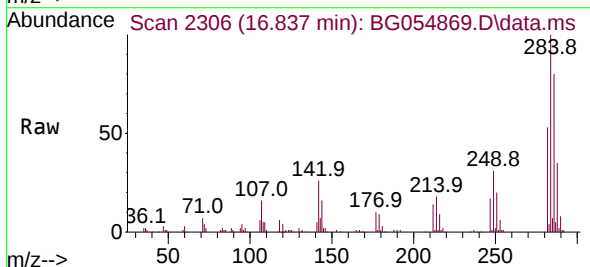
09/08/2022

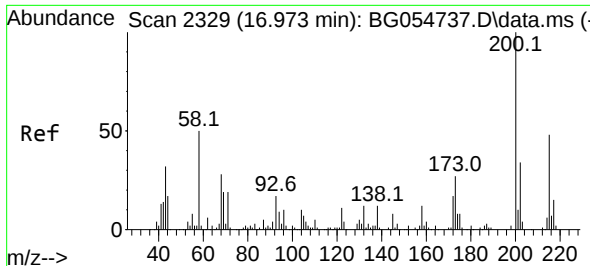
09/08/2022



#68
Hexachlorobenzene
Concen: 46.461 ng
RT: 16.837 min Scan# 2306
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

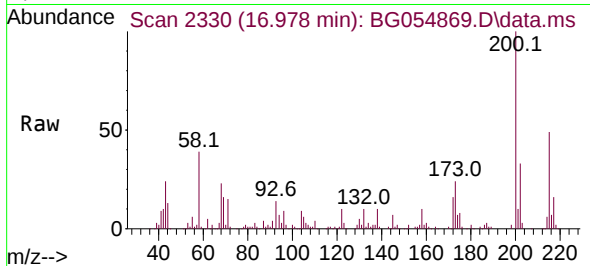
Tgt Ion:284 Resp: 147765
Ion Ratio Lower Upper
284 100
142 26.1 25.0 37.6
249 30.7 24.5 36.7





#69
 Atrazine
 Concen: 47.955 ng
 RT: 16.978 min Scan# 2329
 Delta R.T. 0.005 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB147474BS

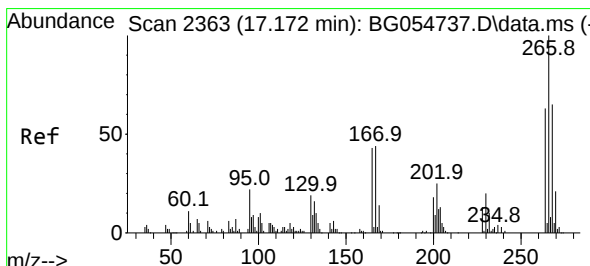
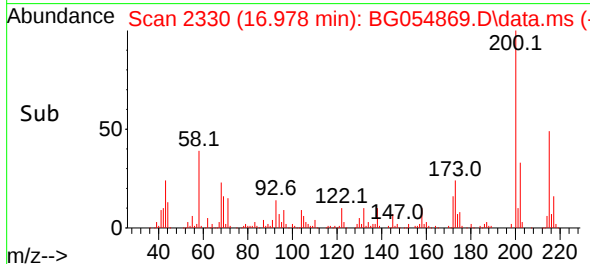
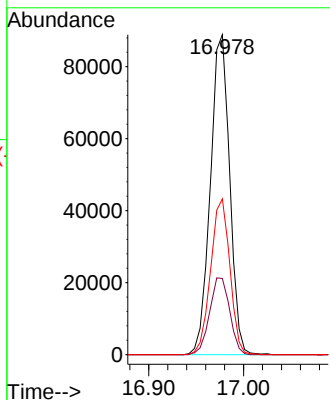


Tgt Ion:200 Resp: 125718
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.6 45.6
 215 48.7 28.2 68.2

Manual Integrations
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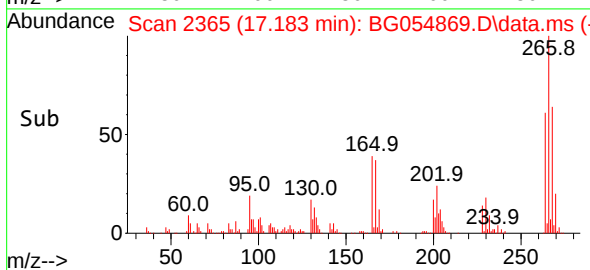
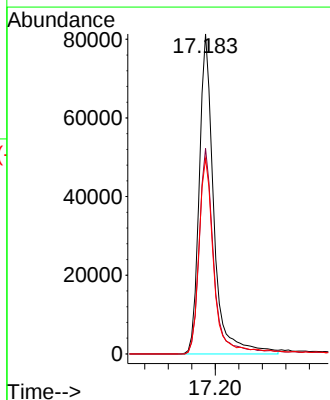
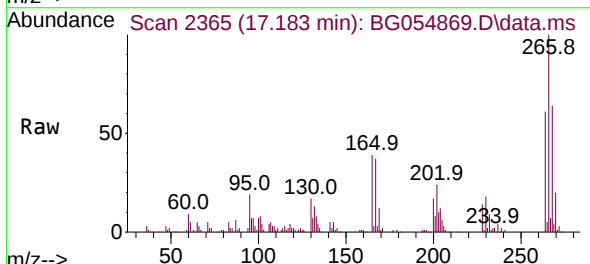
Reviewed By :Christian
 Giraldo
 09/08/2022

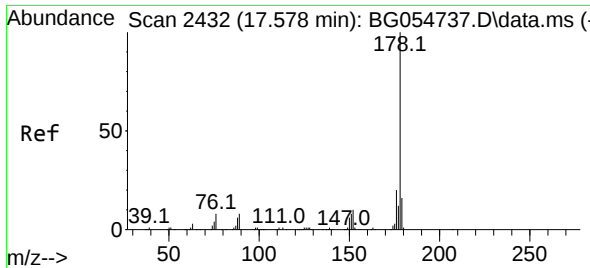
Supervised By :Jagrut
 Upadhyay
 09/08/2022



#70
 Pentachlorophenol
 Concen: 81.202 ng
 RT: 17.183 min Scan# 2365
 Delta R.T. 0.011 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59

Tgt Ion:266 Resp: 140319
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 61.0 49.4 74.0





#71
Phenanthrene
Concen: 42.637 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

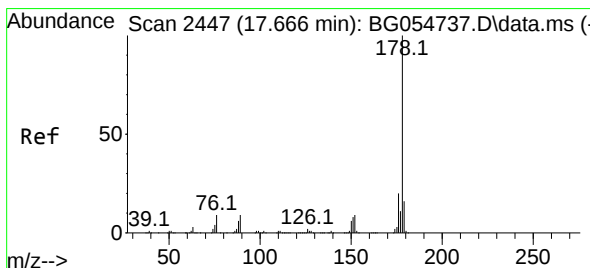
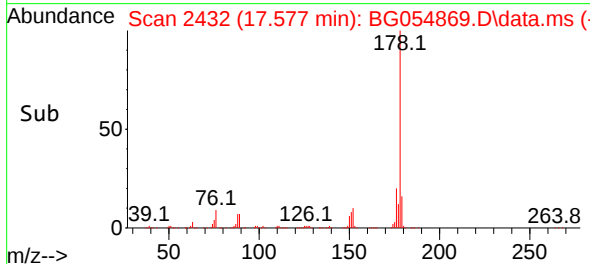
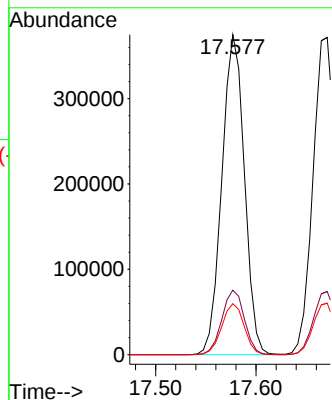
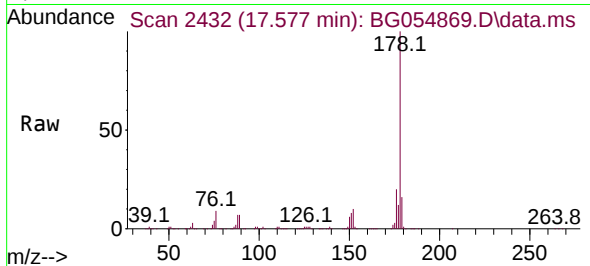
Instrument :
BNA_G
ClientSampleId :
PB147474BS

Tgt Ion:178 Resp: 585265
Ion Ratio Lower Upper
178 100
176 20.1 16.6 25.0
179 15.9 12.8 19.2

Manual Integrations
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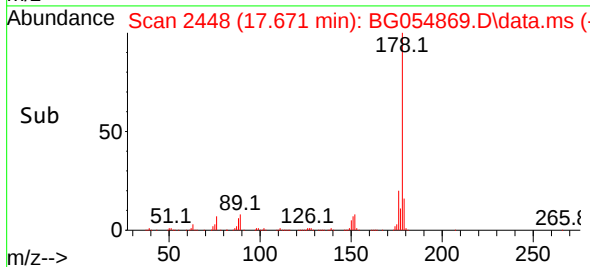
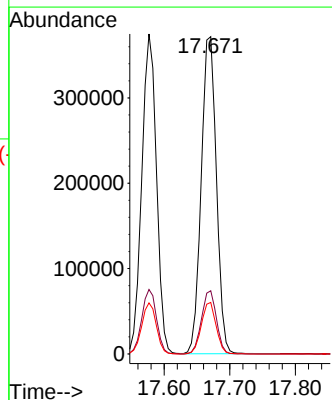
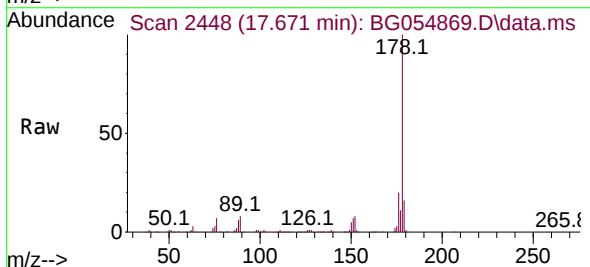
Reviewed By :Christian
Giraldo
09/08/2022

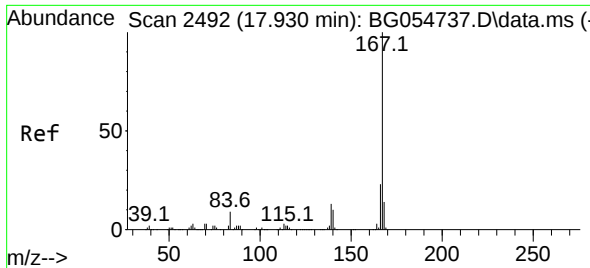
Supervised By :Jagrut
Upadhyay
09/08/2022



#72
Anthracene
Concen: 44.479 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:178 Resp: 593601
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.2 12.9 19.3





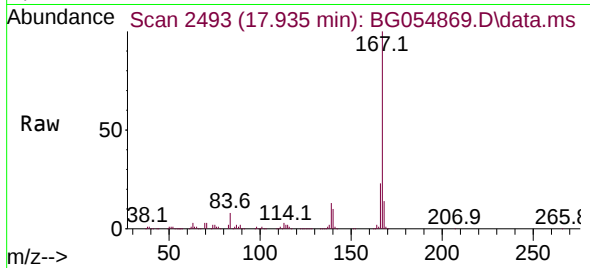
#73
 Carbazole
 Concen: 45.388 ng
 RT: 17.935 min Scan# 2493
 Delta R.T. 0.005 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:167 Resp: 55808
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.8 28.2
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

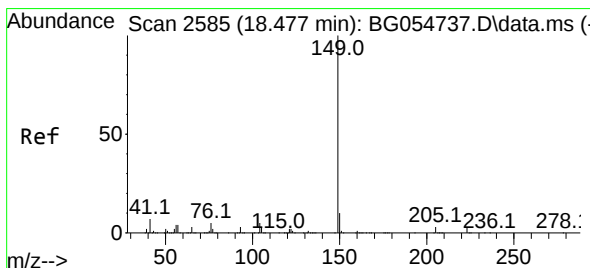
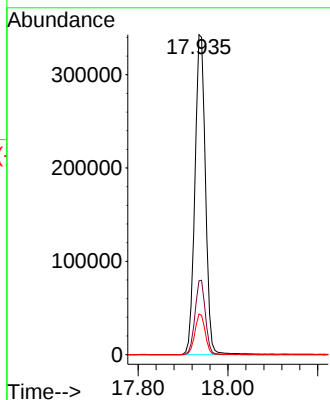
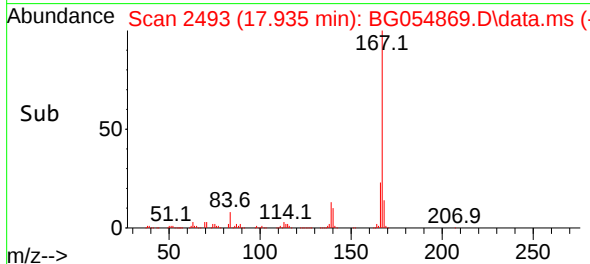
09/08/2022

Supervised By :Jagrut

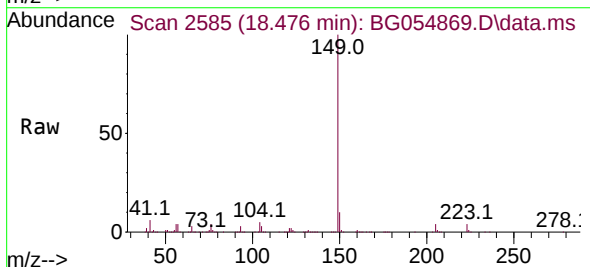
Supervised By :Jagrut

09/08/2022

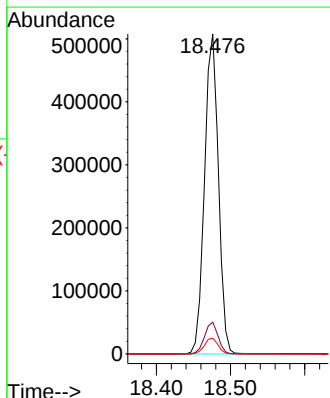
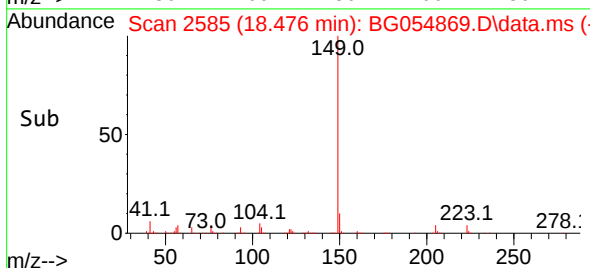
09/08/2022

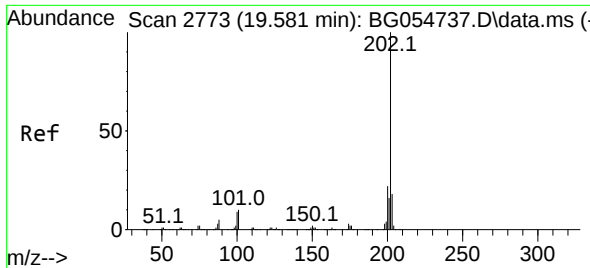


#74
 Di-n-butylphthalate
 Concen: 42.300 ng
 RT: 18.476 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59



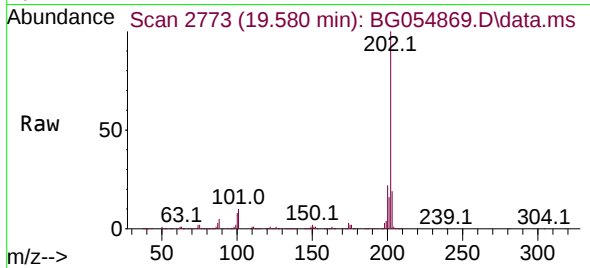
Tgt Ion:149 Resp: 658156
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 43.087 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

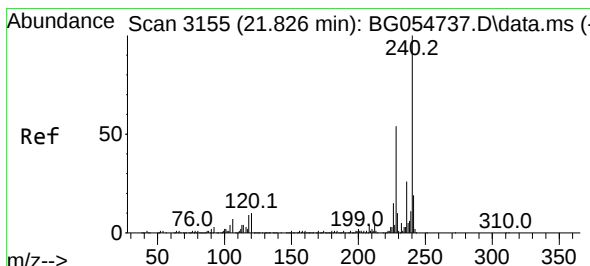
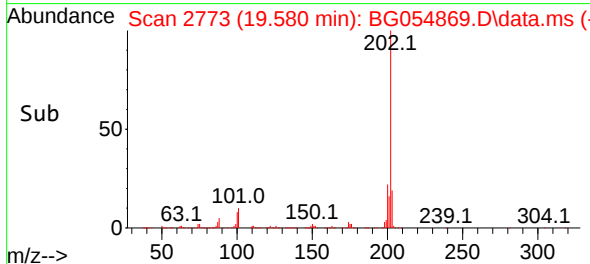
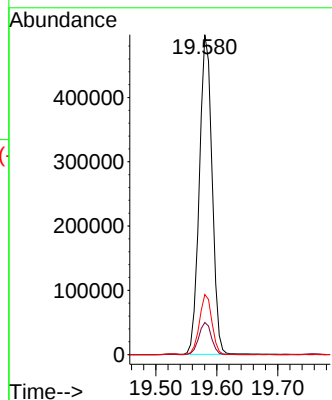


Tgt Ion:202 Resp: 71948
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 18.8 0.0 38.6

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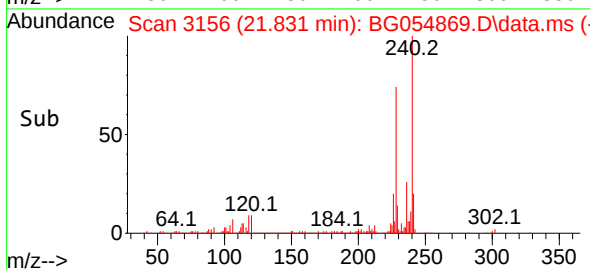
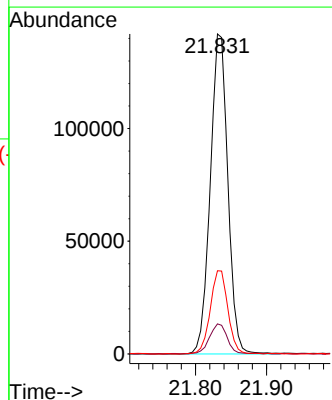
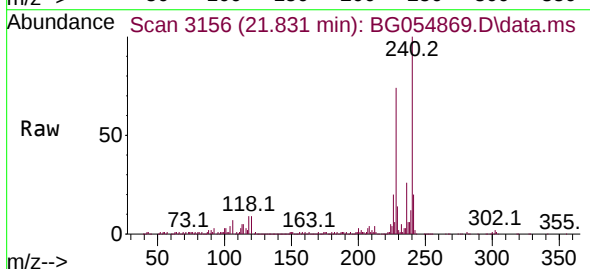
Reviewed By :Christian
Giraldo
09/08/2022

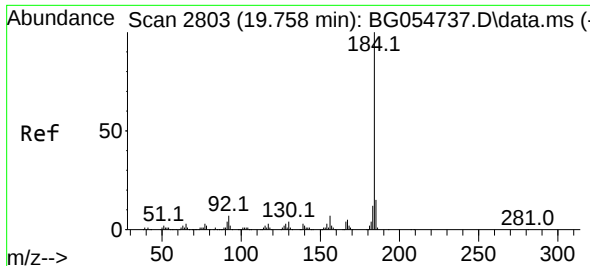
Supervised By :Jagrut
Upadhyay
09/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

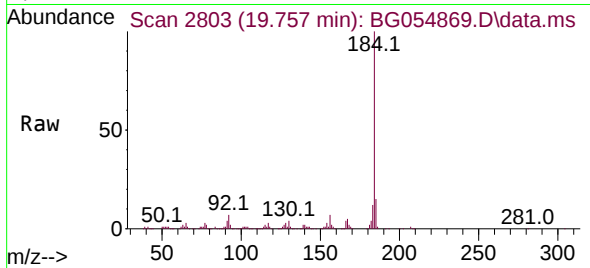
Tgt Ion:240 Resp: 243355
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.0 21.2 31.8





#77
Benzidine
Concen: 50.444 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

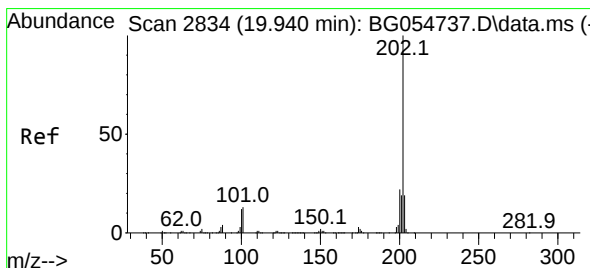
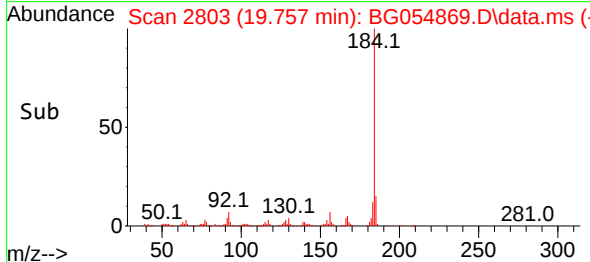
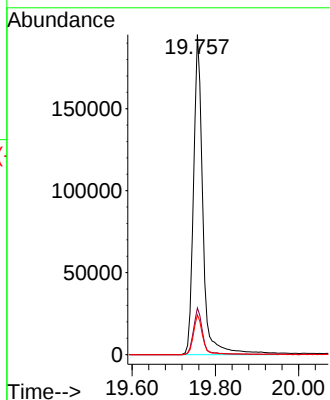


Tgt Ion:184 Resp: 304052
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 12.5 9.8 14.8

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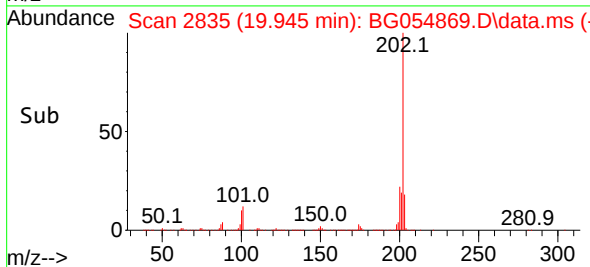
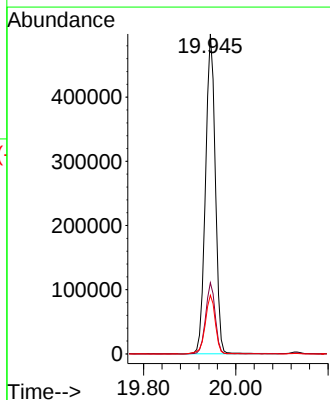
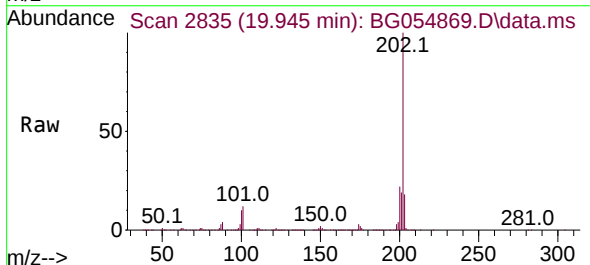
Reviewed By :Christian
Giraldo
09/08/2022

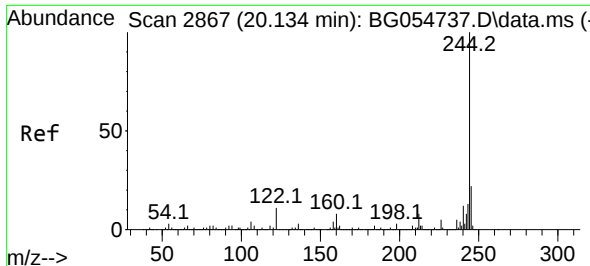
Supervised By :Jagrut
Upadhyay
09/08/2022



#78
Pyrene
Concen: 43.061 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:202 Resp: 730698
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.3 14.6 21.8





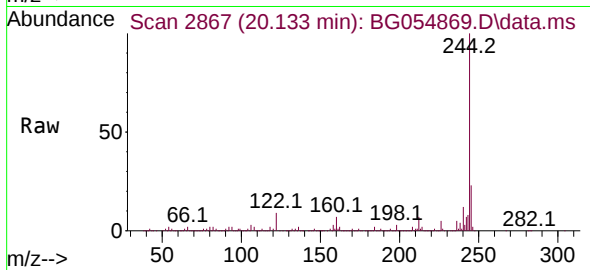
#79
 Terphenyl-d14
 Concen: 85.693 ng
 RT: 20.133 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:244 Resp: 1052486
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.4 9.0 13.6

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Reviewed By :Christian
 Giraldo

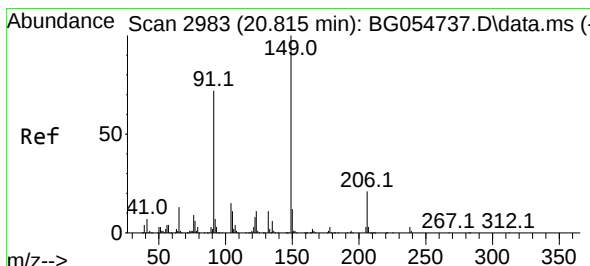
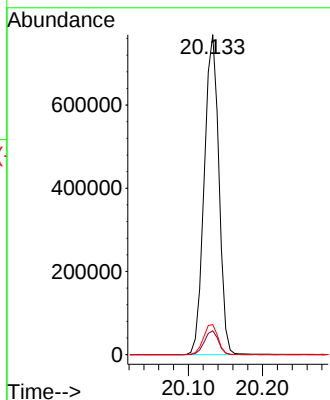
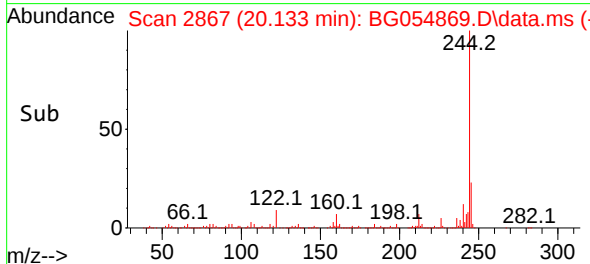
09/08/2022

Supervised By :Jagrut

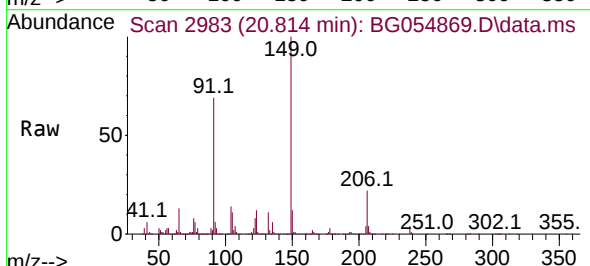
Supervised By :Jagrut

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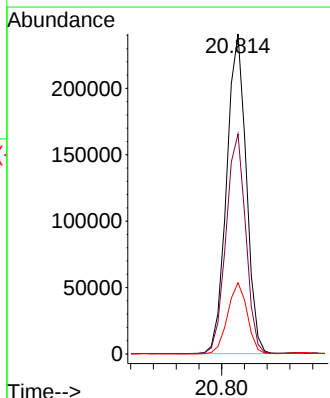
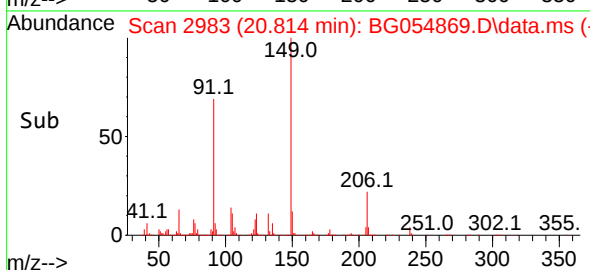
09/08/2022

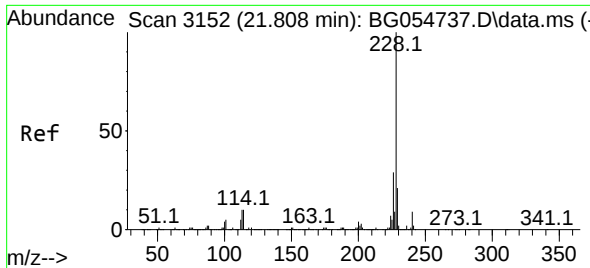


#80
 Butylbenzylphthalate
 Concen: 40.746 ng
 RT: 20.814 min Scan# 2983
 Delta R.T. -0.001 min
 Lab File: BG054869.D
 Acq: 7 Sep 2022 14:59



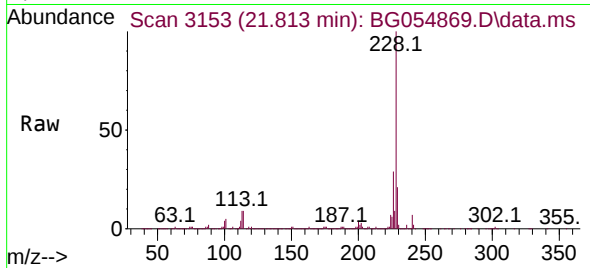
Tgt Ion:149 Resp: 288400
 Ion Ratio Lower Upper
 149 100
 91 68.7 59.5 89.3
 206 22.2 16.6 25.0





#81
Benzo(a)anthracene
Concen: 42.716 ng
RT: 21.813 min Scan# 3152
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

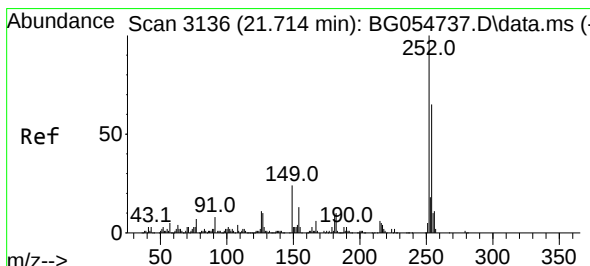
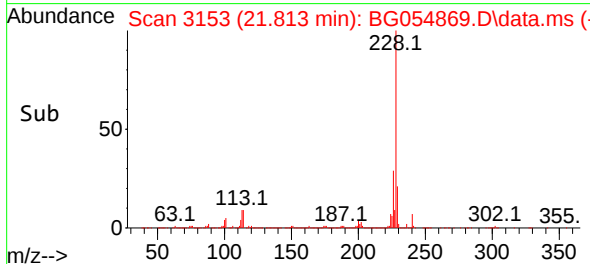
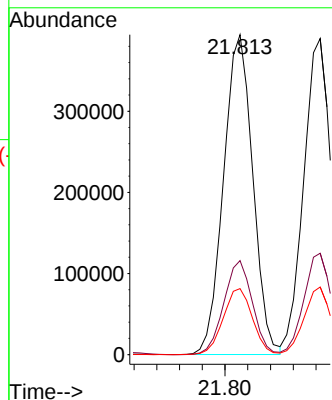


Tgt Ion:228 Resp: 704827
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 20.6 16.5 24.7

Manual Integrations
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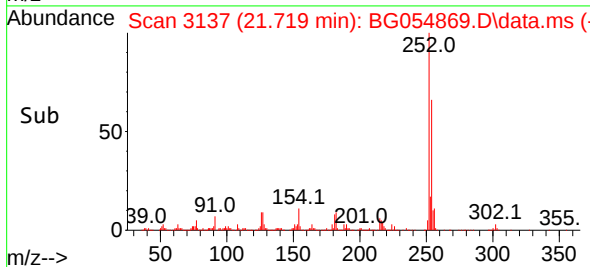
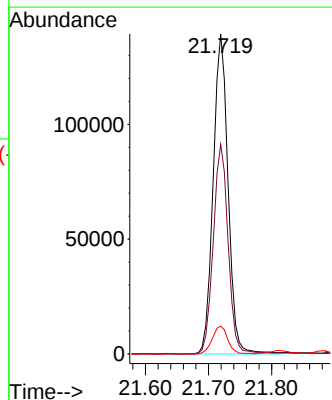
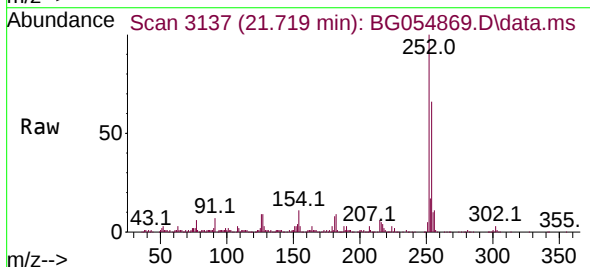
Reviewed By :Christian
Giraldo
09/08/2022

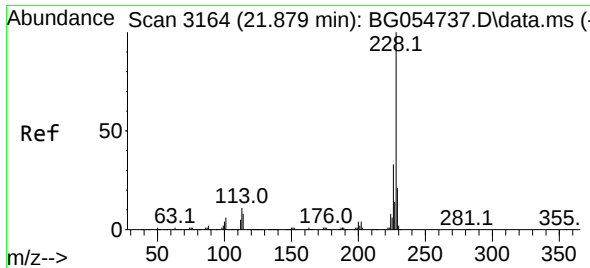
Supervised By :Jagrut
Upadhyay
09/08/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.404 ng
RT: 21.719 min Scan# 3137
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

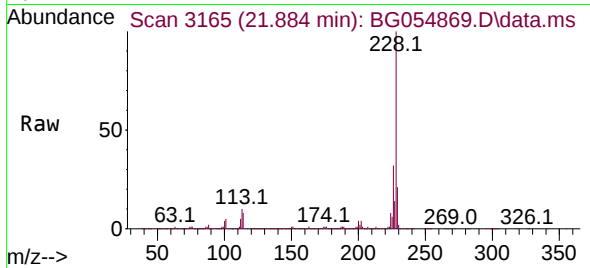
Tgt Ion:252 Resp: 227956
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 8.7 8.2 12.2





#83
Chrysene
Concen: 41.693 ng
RT: 21.884 min Scan# 3165
Delta R.T. 0.005 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

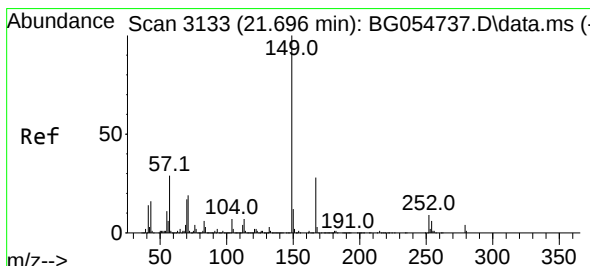
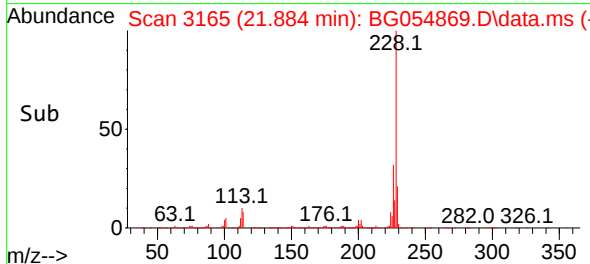
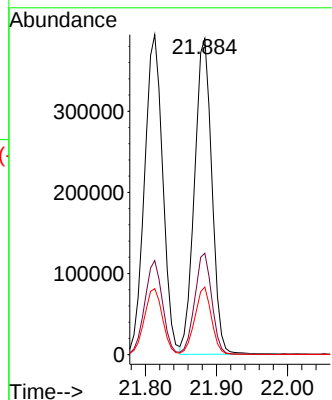


Tgt Ion:228 Resp: 657772
Ion Ratio Lower Upper
228 100
226 32.1 25.5 38.3
229 21.4 16.8 25.2

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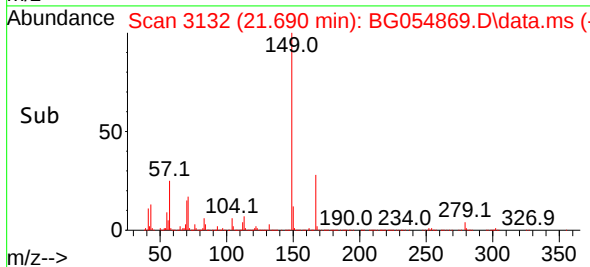
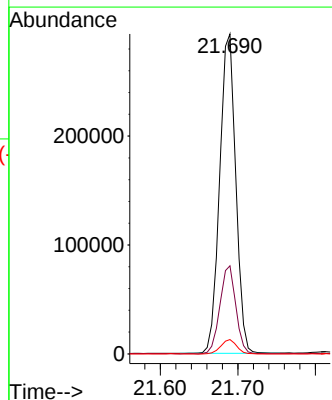
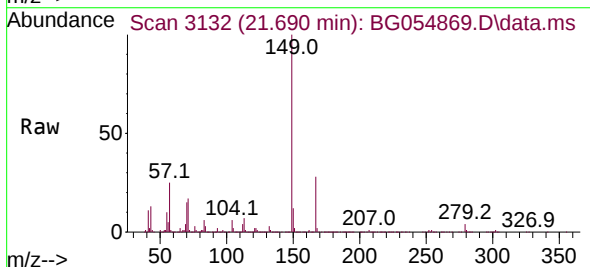
Reviewed By :Christian
Giraldo
09/08/2022

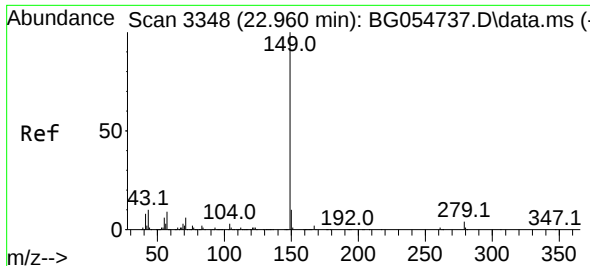
Supervised By :Jagrut
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.576 ng
RT: 21.690 min Scan# 3132
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

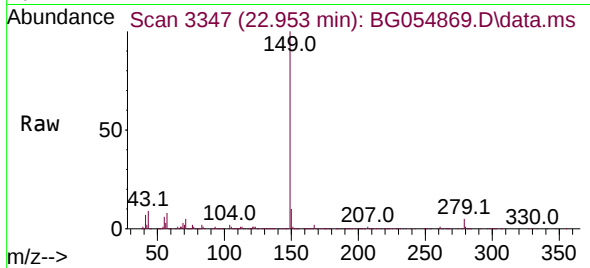
Tgt Ion:149 Resp: 423980
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 41.536 ng
RT: 22.953 min Scan# 3348
Delta R.T. -0.007 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :
BNA_G
ClientSampleId :
PB147474BS

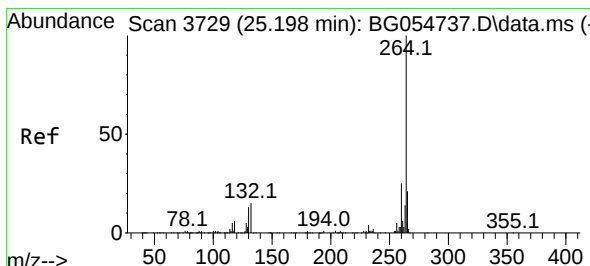
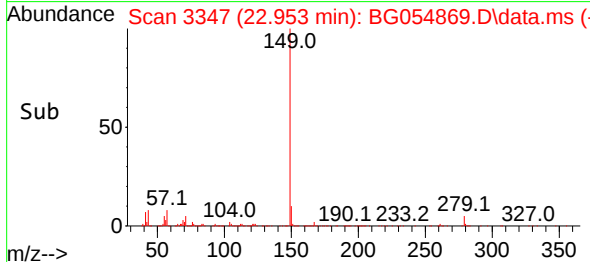
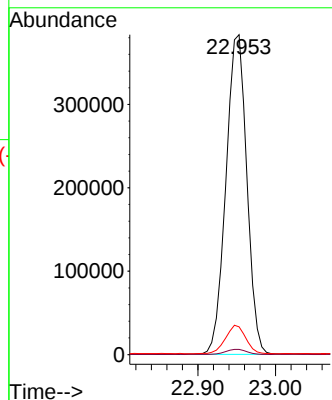


Tgt Ion:149 Resp: 718323
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 9.0 13.6

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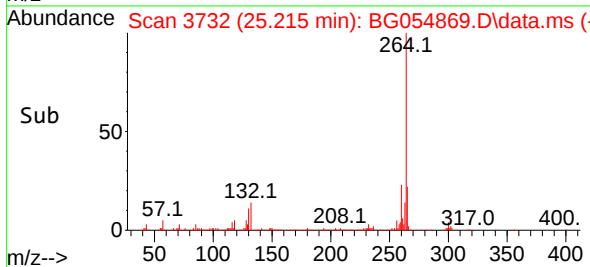
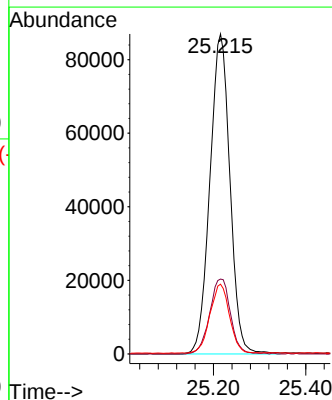
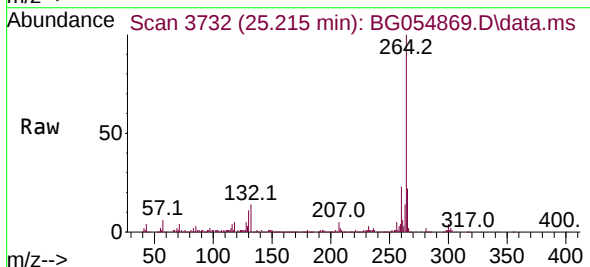
Reviewed By :Christian
Giraldo
09/08/2022

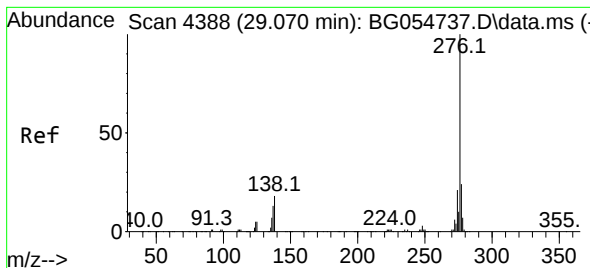
Supervised By :Jagrut
Upadhyay
09/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.215 min Scan# 3732
Delta R.T. 0.017 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:264 Resp: 261371
Ion Ratio Lower Upper
264 100
260 23.4 19.9 29.9
265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.663 ng

RT: 29.122 min Scan# 4388

Delta R.T. 0.052 min

Lab File: BG054869.D

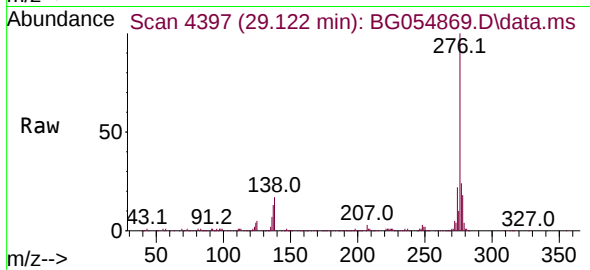
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:276 Resp: 846530

Ion Ratio Lower Upper

276 100

138 21.2 12.0 18.0

277 25.8 20.2 30.4

Manual Integrations

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Giraldo

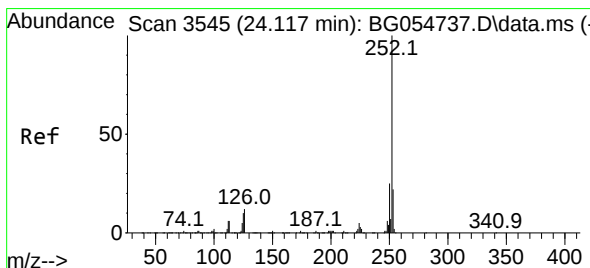
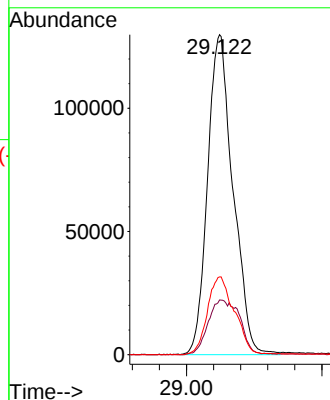
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#88

Benzo(b)fluoranthene

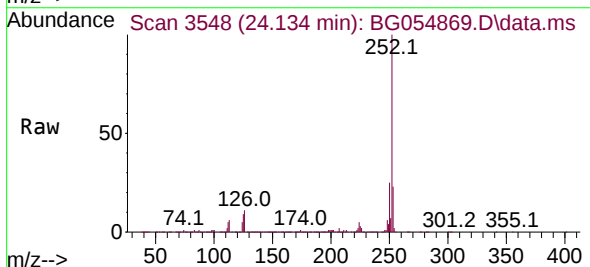
Concen: 45.711 ng

RT: 24.134 min Scan# 3548

Delta R.T. 0.017 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59



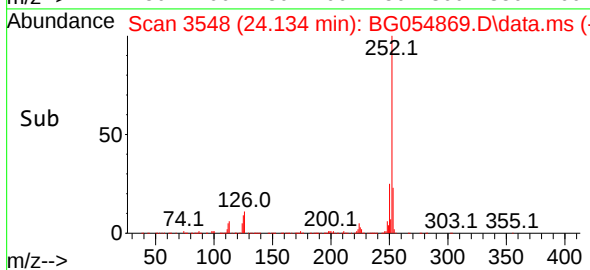
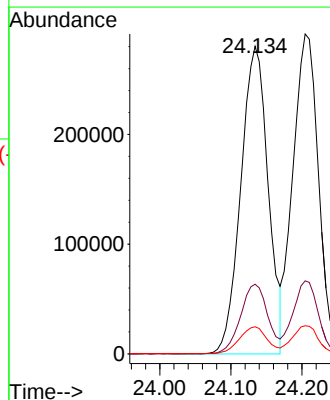
Tgt Ion:252 Resp: 749483

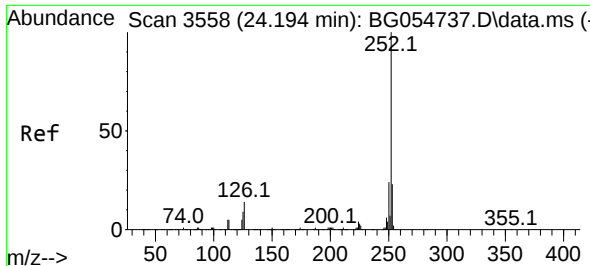
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 8.8 8.1 12.1





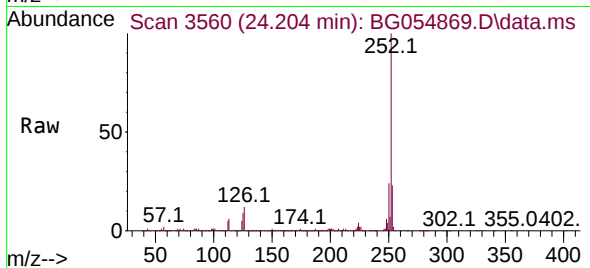
#89
Benzo(k)fluoranthene
Concen: 44.212 ng
RT: 24.204 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS



Tgt Ion:252 Resp: 729548
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.8 8.2 12.4

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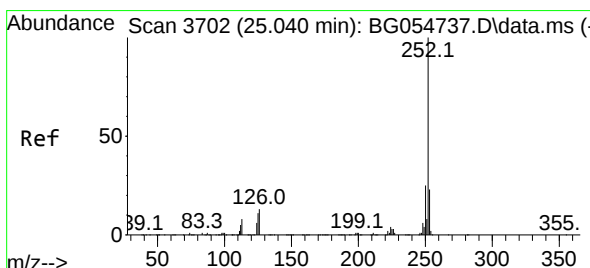
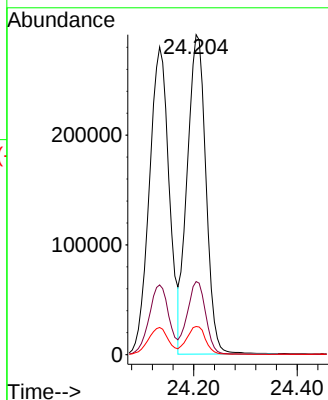
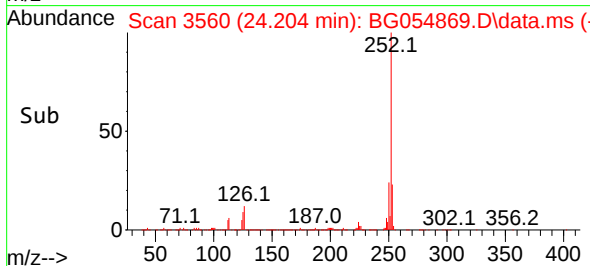
09/08/2022

Supervised By :Jagrut

Supervised By :Jagrut

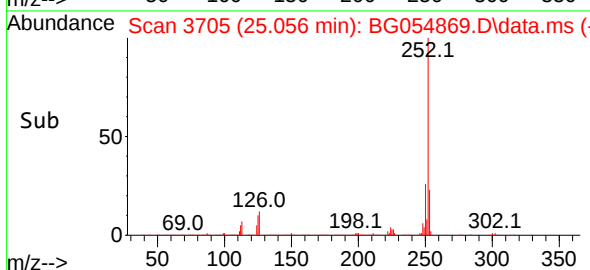
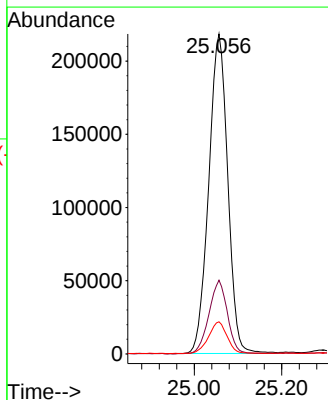
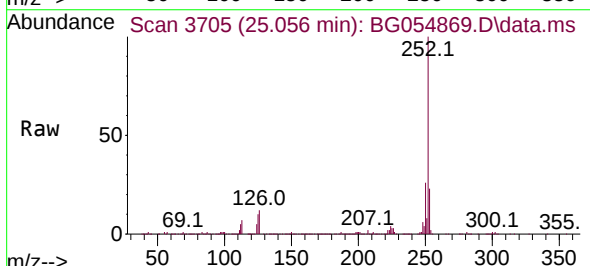
09/08/2022

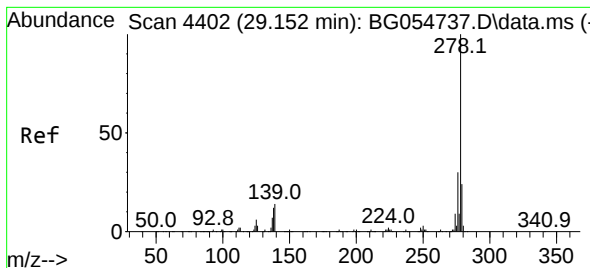
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#90
Benzo(a)pyrene
Concen: 47.042 ng
RT: 25.056 min Scan# 3705
Delta R.T. 0.017 min
Lab File: BG054869.D
Acq: 7 Sep 2022 14:59

Tgt Ion:252 Resp: 658968
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.677 ng

RT: 29.187 min Scan# 4408

Delta R.T. 0.034 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA_G

ClientSampleId :

PB147474BS

Tgt Ion:278 Resp: 738382
 Ion Ratio Lower Upper
 278 100
 139 12.6 11.4 17.2
 279 24.6 19.3 28.9

Manual Integrations
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 Giraldo

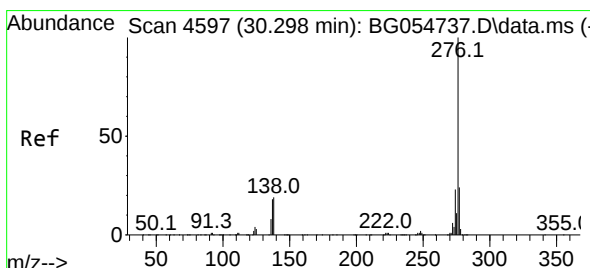
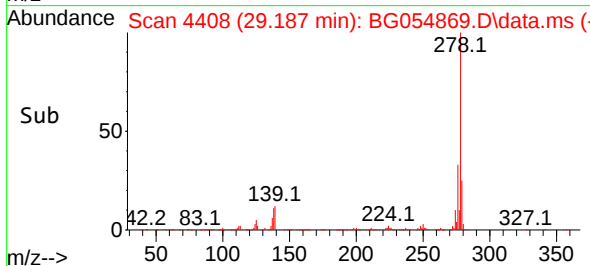
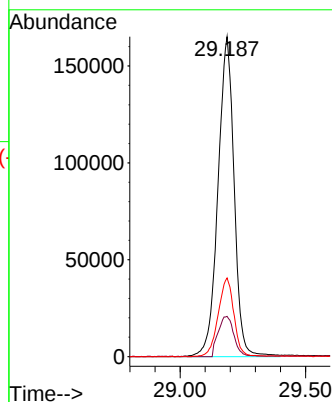
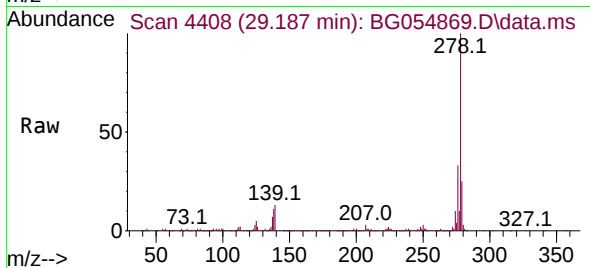
09/08/2022

Supervised By :Jagrut

Supervised By :Jagrut

09/08/2022

09/08/2022



#92

Benzo(g,h,i)perylene

Concen: 44.639 ng

RT: 30.344 min Scan# 4605

Delta R.T. 0.046 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Tgt Ion:276 Resp: 729007
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.4 29.0
 138 17.8 16.6 25.0

