

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061330.D
 Acq On : 29 May 2024 15:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020501

Quant Time: May 29 16:48:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	126425	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	97423	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	228008	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	234448	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	265677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4235	8.007	ng/uL	0.00
4) Pyridine-d5	3.745	84	32202	17.113	ng/u1	0.00
7) Phenol-d5	7.065	99	44148	18.162	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	27797	18.193	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	34454	19.151	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	38070	18.367	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	18471	18.976	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	21374	18.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43929	19.780	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	52362	18.022	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	132913	17.591	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	155635	19.812	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	15587	16.686	ng/u1	0.00
60) Fluorene-d10	15.514	176	124515	19.087	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	20727	15.030	ng/u1	0.00
73) Anthracene-d10	17.365	188	194046	19.304	ng/u1	0.00
81) Pyrene-d10	19.656	212	228209	18.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	242879	19.016	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	4510	7.104	ng/uL#	82
5) Pyridine	3.769	79	32866	17.659	ng/u1	84
6) Benzaldehyde	7.024	77	26052	20.496	ng/u1	93
8) Phenol	7.089	94	46126	18.623	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.306	93	34354	18.963	ng/u1	90
12) 2-Chlorophenol	7.453	128	36665	19.285	ng/u1	96
13) 2-Methylphenol	8.334	108	35368	18.426	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	84685	17.308	ng/u1	98
16) Acetophenone	8.704	105	62698	17.724	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.687	70	31508	16.199	ng/u1	94
18) 4-Methylphenol	8.663	108	38857	18.271	ng/u1	95
19) Hexachloroethane	8.963	117	16712	19.756	ng/u1	91
22) Nitrobenzene	9.080	77	49327	18.476	ng/u1	98
23) Isophorone	9.603	82	89542	16.488	ng/u1	98
25) 2-Nitrophenol	9.791	139	23464	18.976	ng/u1	96
26) 2,4-Dimethylphenol	9.862	107	45762	18.678	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.085	93	49123	18.045	ng/u1#	97
29) 2,4-Dichlorophenol	10.338	162	40965	20.026	ng/u1	93
30) Naphthalene	10.731	128	130113	19.499	ng/u1	99
32) 4-Chloroaniline	10.837	127	52102	18.045	ng/u1	99
33) Hexachlorobutadiene	11.013	225	40270	20.141	ng/u1	96
34) Caprolactam	11.589	113	12805m	16.362	ng/u1	
35) 4-Chloro-3-methylphenol	11.977	107	46000	17.396	ng/u1	93
36) 2-Methylnaphthalene	12.341	142	89724	18.541	ng/u1	94

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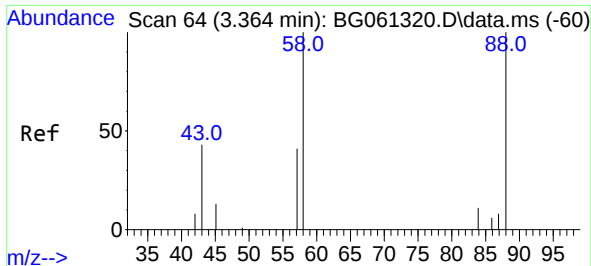
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	88726	17.866	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.711	216	70293	21.854	ng/ul	97
40) Hexachlorocyclopentadiene	12.688	237	23941	16.490	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.958	196	37688	20.802	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	40042	20.987	ng/ul	96
43) 1,1'-Biphenyl	13.352	154	124817	19.813	ng/ul	95
44) 2-Chloronaphthalene	13.393	162	103707	20.919	ng/ul	98
45) 2-Nitroaniline	13.599	65	37517	18.336	ng/ul	98
47) Dimethylphthalate	13.975	163	138433	17.578	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	28624	18.534	ng/ul#	90
50) Acenaphthylene	14.239	152	168552	19.350	ng/ul	99
51) 3-Nitroaniline	14.427	138	25979	19.383	ng/ul	96
52) Acenaphthene	14.580	153	111857	19.575	ng/ul	96
53) 2,4-Dinitrophenol	14.650	184	12260m	14.970	ng/ul	
55) 4-Nitrophenol	14.762	109	18077	16.459	ng/ul	92
56) Dibenzofuran	14.921	168	155505	19.033	ng/ul	97
57) 2,4-Dinitrotoluene	14.891	165	41934	17.847	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	34278	19.699	ng/ul	95
59) Diethylphthalate	15.338	149	136368	17.535	ng/ul	98
61) Fluorene	15.567	166	133102	18.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.561	204	78185	18.859	ng/ul	99
63) 4-Nitroaniline	15.590	138	26716	19.138	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.667	198	21872	15.134	ng/ul	90
67) N-Nitrosodiphenylamine	15.778	169	115501	20.155	ng/ul	97
68) 4-Bromophenyl-phenylether	16.454	248	54746	20.264	ng/ul	93
69) Hexachlorobenzene	16.577	284	58852	19.598	ng/ul	97
70) Atrazine	16.724	200	42774	18.860	ng/ul	95
71) Pentachlorophenol	16.930	266	22364	21.398	ng/ul	94
72) Phenanthrene	17.312	178	212065	19.163	ng/ul	97
74) Anthracene	17.400	178	222789	19.471	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	70819	23.497	ng/uL	95
76) Pentachlorobenzene	14.844	250	70563	21.176	ng/uL	95
77) Carbazole	17.670	167	181108	19.460	ng/ul	98
78) Di-n-butylphthalate	18.228	149	223076	19.129	ng/ul	98
80) Fluoranthene	19.327	202	274951	19.040	ng/ul	99
82) Pyrene	19.686	202	280788	18.732	ng/ul	99
83) Butylbenzylphthalate	20.579	149	100156	19.450	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.419	252	103438	20.785	ng/ul	98
85) Benzo(a)anthracene	21.501	228	311771	19.272	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	144944	19.016	ng/ul	99
87) Chrysene	21.566	228	284108	19.073	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	251293	18.906	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	294460	18.615	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	305897	19.049	ng/ul	98
93) Benzo(a)pyrene	24.462	252	290719	19.355	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.105	276	345853	19.040	ng/ul	98
95) Dibenzo(a,h)anthracene	28.164	278	283810	18.949	ng/ul	98
96) Benzo(g,h,i)perylene	29.192	276	259119	17.932	ng/ul	98

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

Manual Integrations

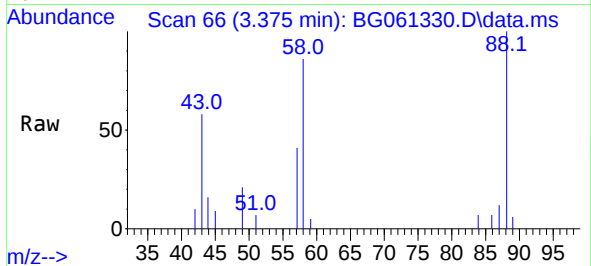
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#2
1,4-Dioxane
Concen: 7.104 ng/uL
RT: 3.375 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

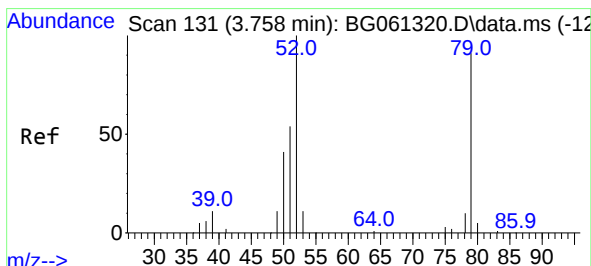
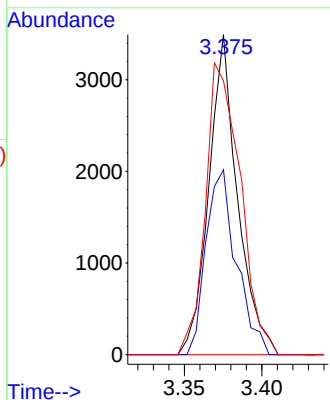
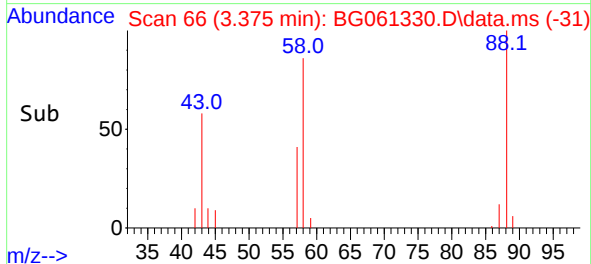
Instrument :
BNA_G
ClientSampleId :
SSTD020501



Tgt Ion: 88 Resp: 4510
Ion Ratio Lower Upper
88 100
43 57.8 44.6 67.0
58 85.6 90.3 135.5

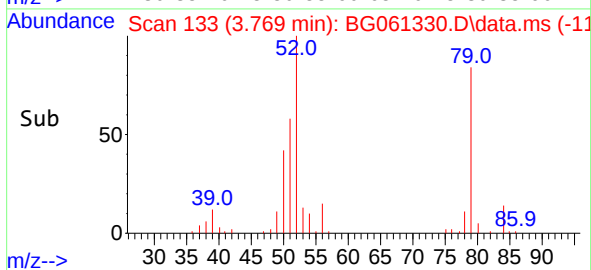
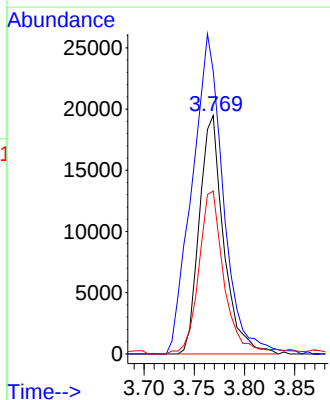
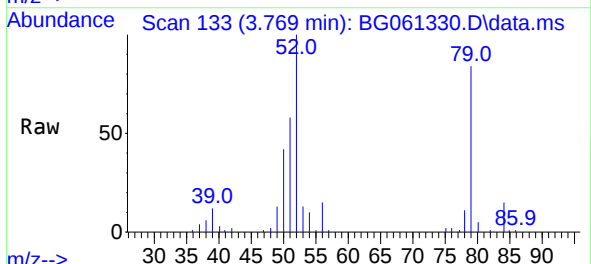
Manual Integrations
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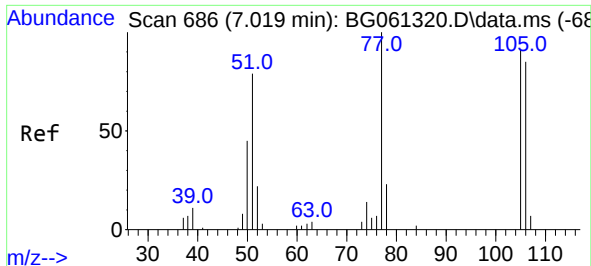
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#5
Pyridine
Concen: 17.659 ng/uL
RT: 3.769 min Scan# 133
Delta R.T. 0.005 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion: 79 Resp: 32866
Ion Ratio Lower Upper
79 100
52 118.6 116.3 174.5
51 68.3 52.1 78.1





#6
Benzaldehyde
Concen: 20.496 ng/ul
RT: 7.024 min Scan# 687
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

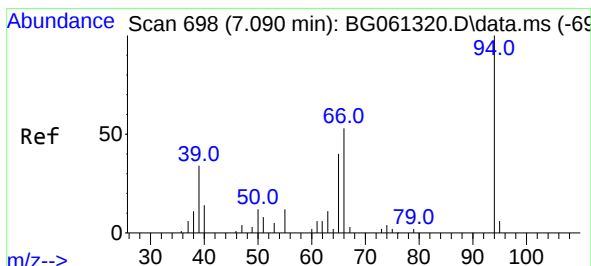
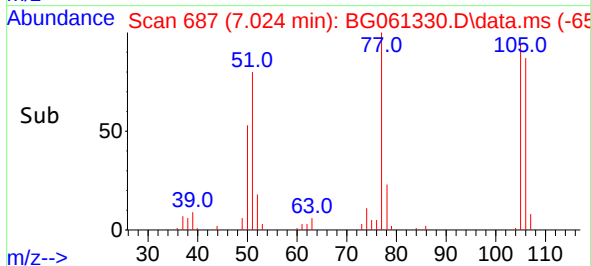
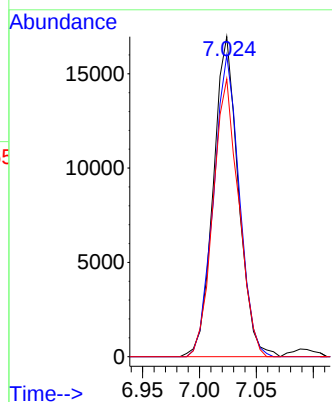
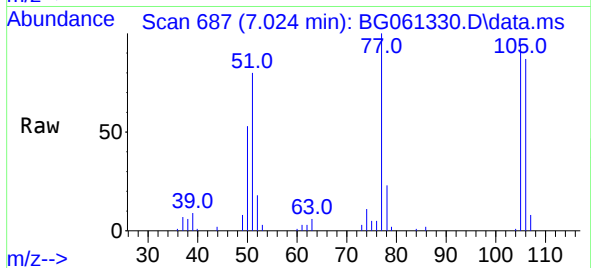
SSTD020501

Tgt Ion: 77 Resp: 2605
Ion Ratio Lower Upper
77 100
105 94.2 71.0 106.6
106 86.8 63.4 95.2

Manual Integrations

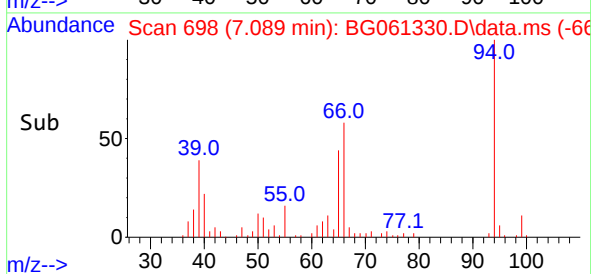
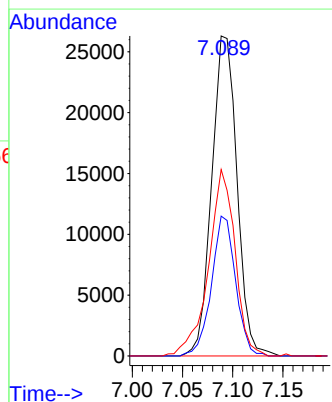
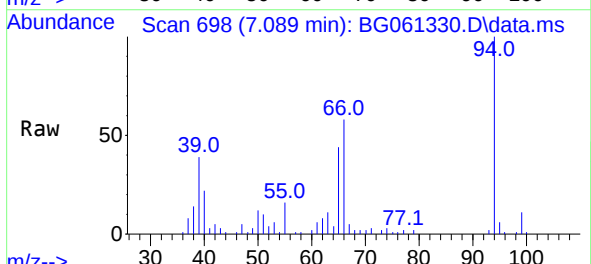
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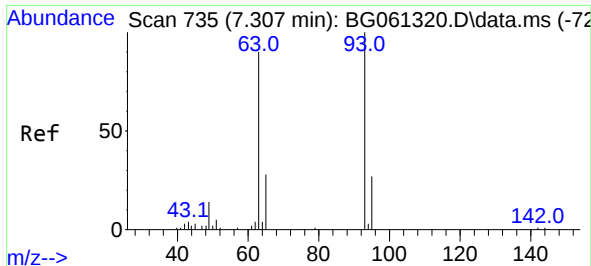
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#8
Phenol
Concen: 18.623 ng/ul
RT: 7.089 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion: 94 Resp: 46126
Ion Ratio Lower Upper
94 100
65 43.7 35.0 52.4
66 58.3 50.3 75.5





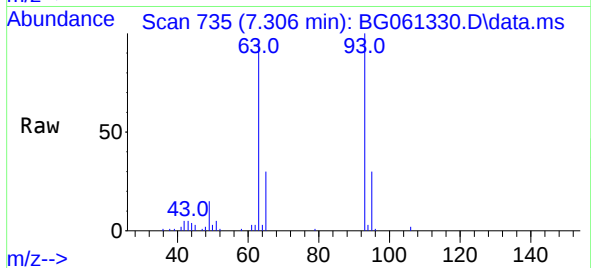
#10
Bis(2-Chloroethyl)ether
Concen: 18.963 ng/ul
RT: 7.306 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

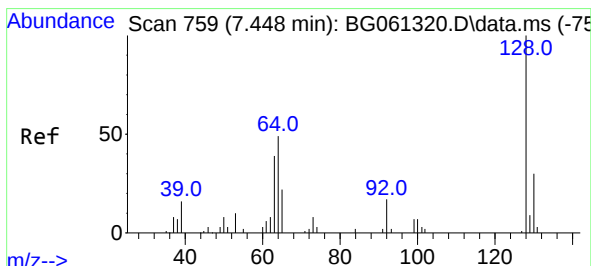
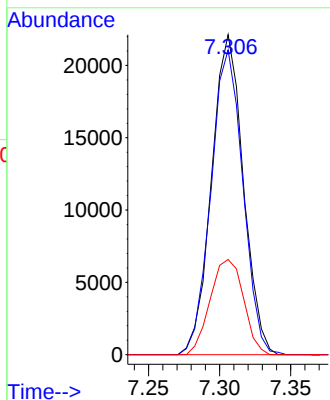
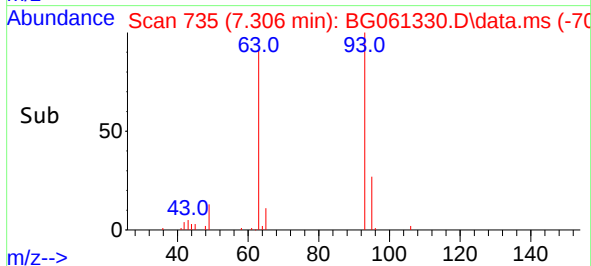


Tgt Ion: 93 Resp: 34354
Ion Ratio Lower Upper
93 100
63 95.3 86.2 129.2
95 29.7 25.8 38.8

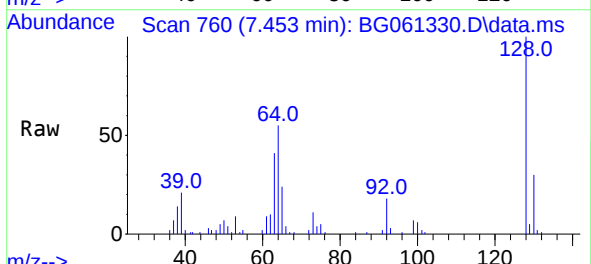
Manual Integrations

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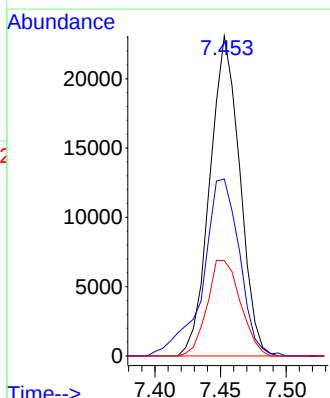
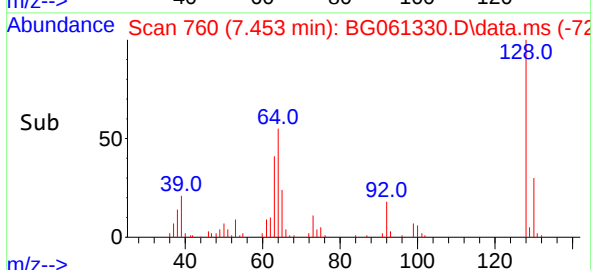
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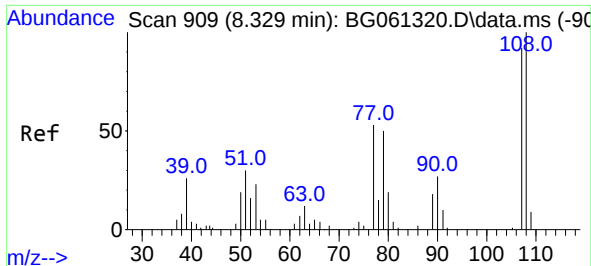


#12
2-Chlorophenol
Concen: 19.285 ng/ul
RT: 7.453 min Scan# 760
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:128 Resp: 36665
Ion Ratio Lower Upper
128 100
64 55.3 46.9 70.3
130 29.8 25.8 38.8





#13
2-Methylphenol
Concen: 18.426 ng/ul
RT: 8.334 min Scan# 910
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

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ClientSampleId :

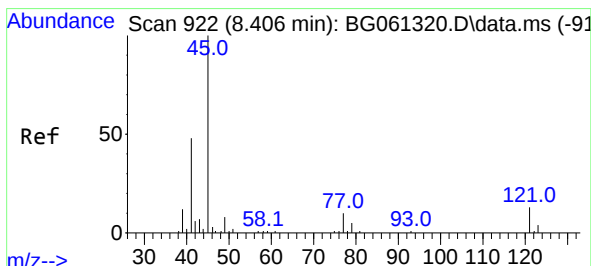
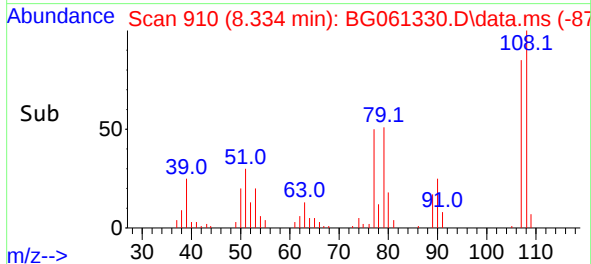
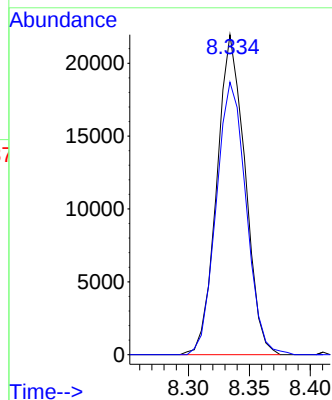
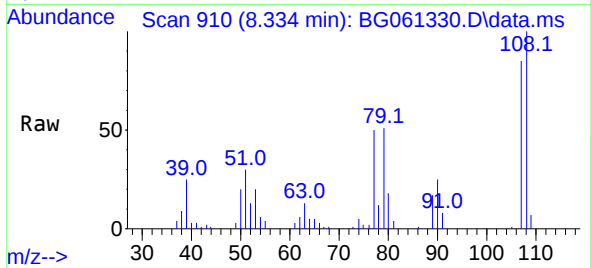
SSTD020501

Tgt Ion:108 Resp: 3536
Ion Ratio Lower Upper
108 100
107 85.2 69.5 104.3

Manual Integrations

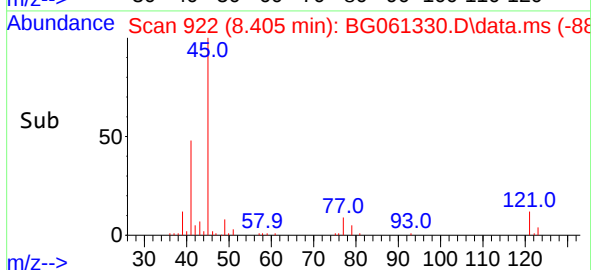
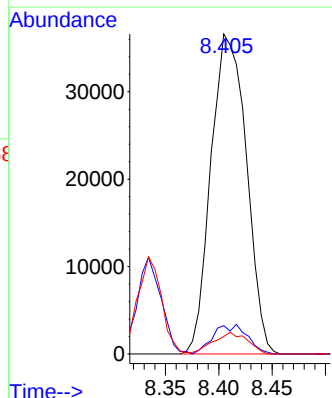
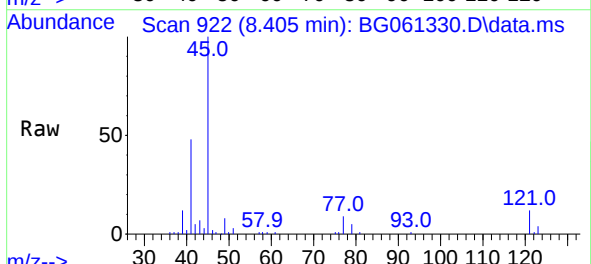
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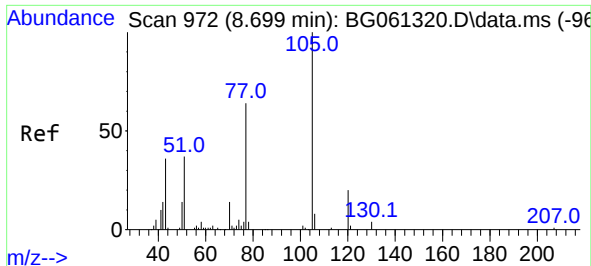
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.308 ng/ul
RT: 8.405 min Scan# 922
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion: 45 Resp: 84685
Ion Ratio Lower Upper
45 100
77 8.9 6.2 9.2
79 5.5 4.6 7.0





#16
Acetophenone
Concen: 17.724 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

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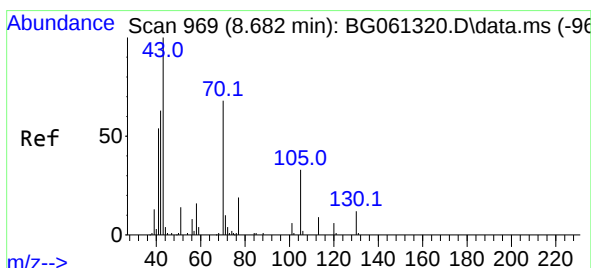
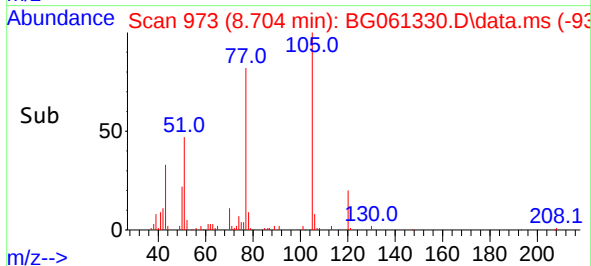
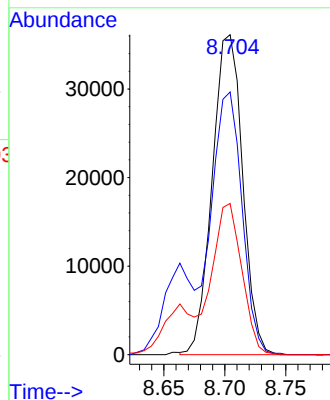
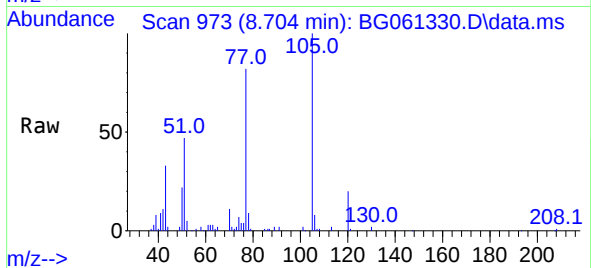
SSTD020501

Tgt Ion:105 Resp: 62698
Ion Ratio Lower Upper
105 100
77 82.1 70.4 105.6
51 47.3 38.4 57.6

Manual Integrations

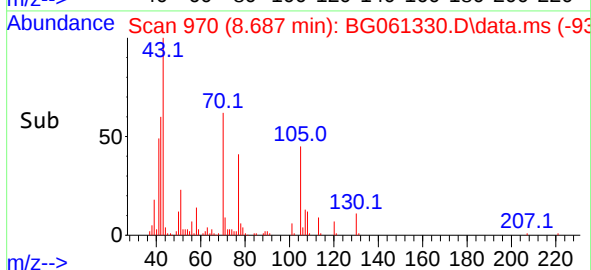
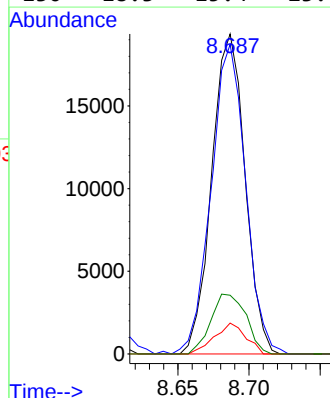
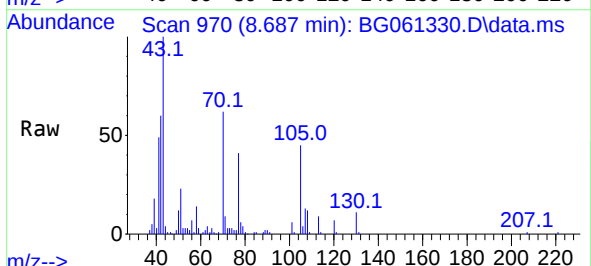
APPROVED

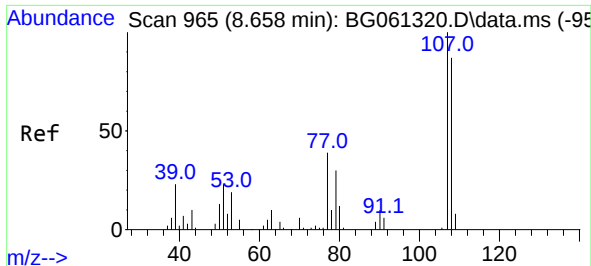
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#17
N-Nitroso-di-n-propylamine
Concen: 16.199 ng/ul
RT: 8.687 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion: 70 Resp: 31508
Ion Ratio Lower Upper
70 100
42 96.7 83.2 124.8
101 9.7 6.6 9.8
130 18.3 15.4 23.0





#18
4-Methylphenol
Concen: 18.271 ng/ul
RT: 8.663 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

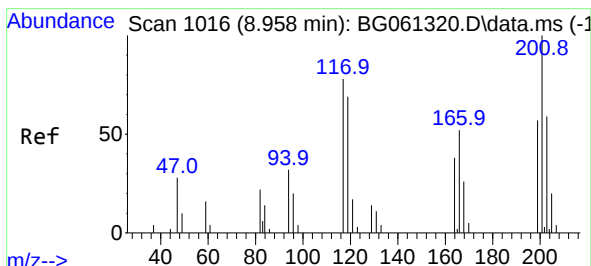
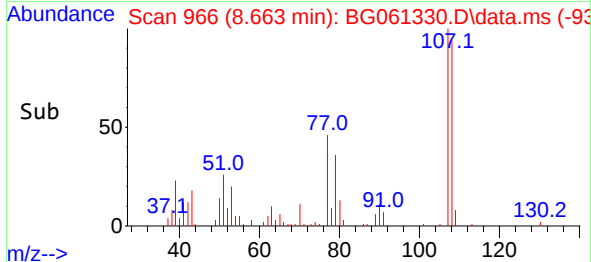
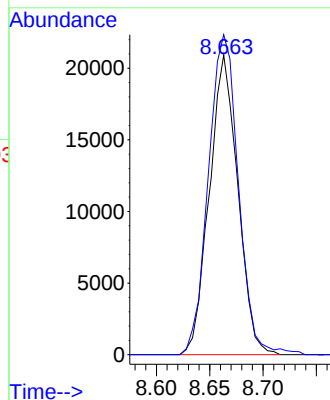
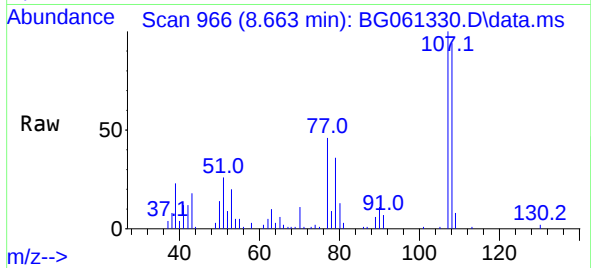
SSTD020501

Tgt Ion:108 Resp: 3885
Ion Ratio Lower Upper
108 100
107 106.7 89.3 133.9

Manual Integrations

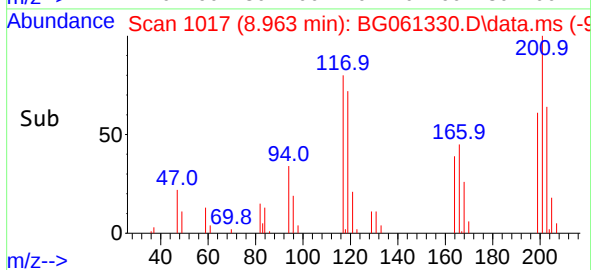
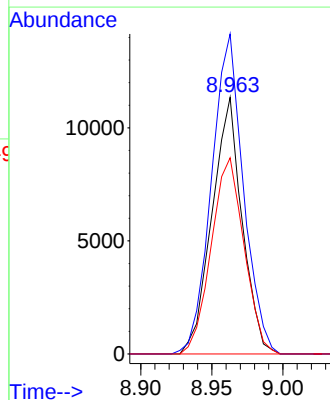
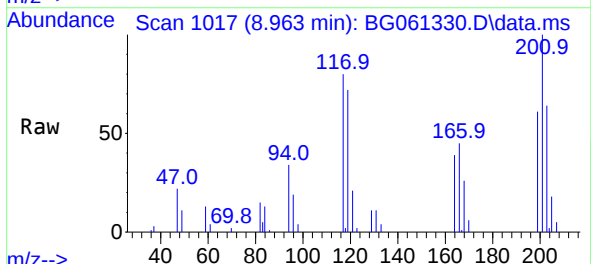
APPROVED

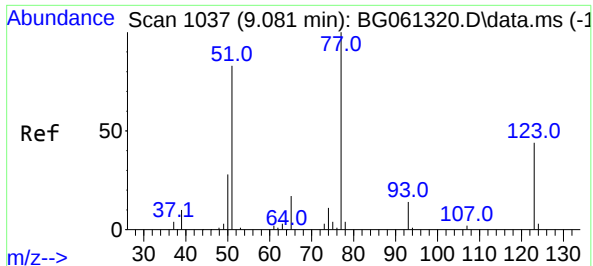
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#19
Hexachloroethane
Concen: 19.756 ng/ul
RT: 8.963 min Scan# 1017
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:117 Resp: 16712
Ion Ratio Lower Upper
117 100
201 124.7 110.8 166.2
199 76.4 65.1 97.7





#22

Nitrobenzene

Concen: 18.476 ng/ul

RT: 9.080 min Scan# 1037

Delta R.T. -0.007 min

Lab File: BG061330.D

Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

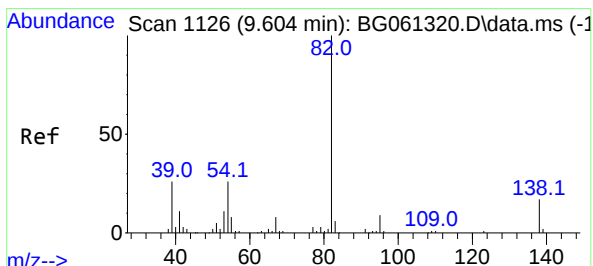
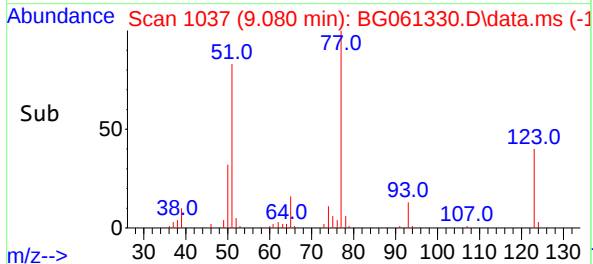
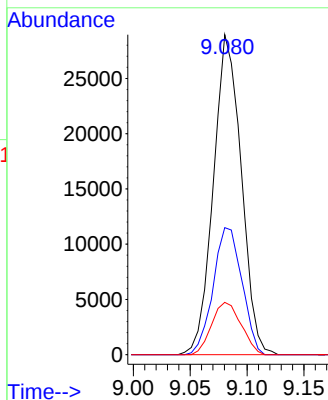
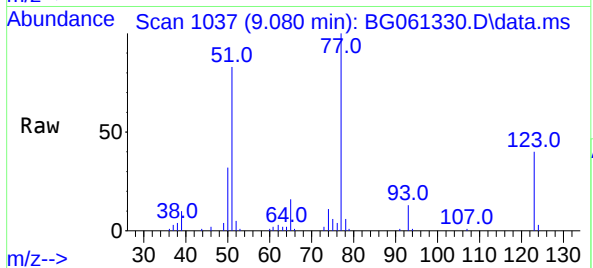
Tgt Ion: 77 Resp: 4932

Ion	Ratio	Lower	Upper
77	100		
123	39.7	32.7	49.1
65	16.4	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#23

Isophorone

Concen: 16.488 ng/ul

RT: 9.603 min Scan# 1126

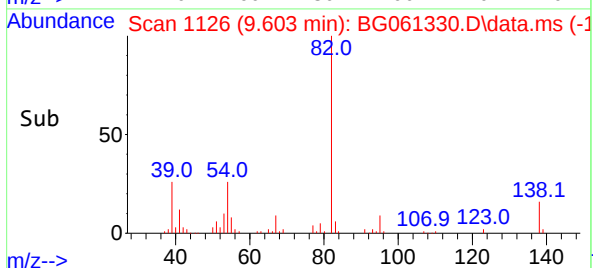
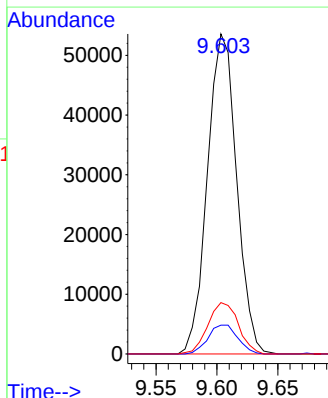
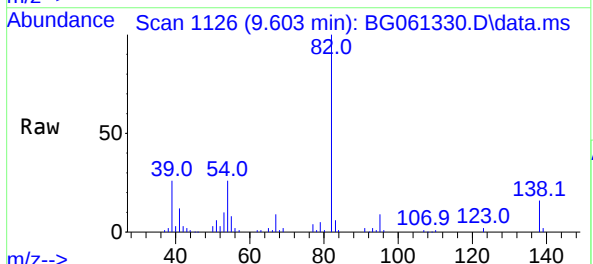
Delta R.T. -0.007 min

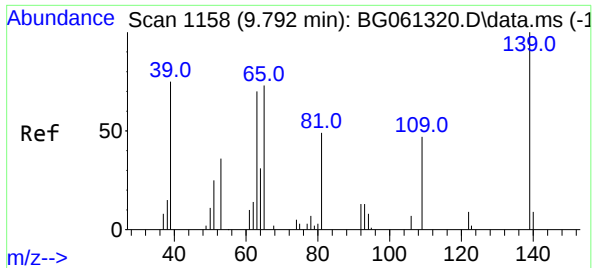
Lab File: BG061330.D

Acq: 29 May 2024 15:56

Tgt Ion: 82 Resp: 89542

Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.9	10.3
138	16.1	13.5	20.3





#25
2-Nitrophenol
Concen: 18.976 ng/ul
RT: 9.791 min Scan# 1158
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

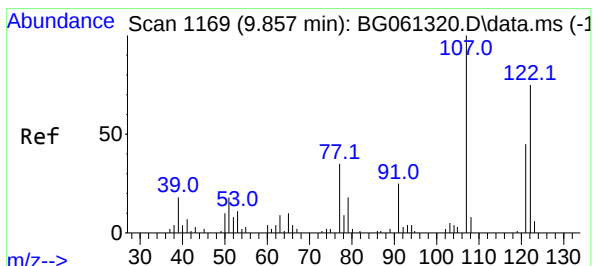
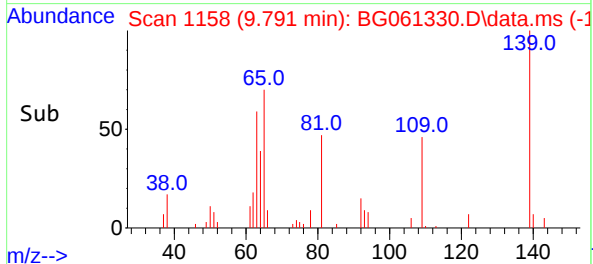
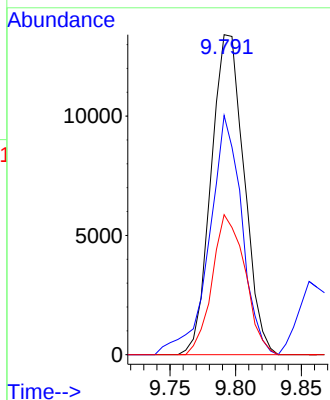
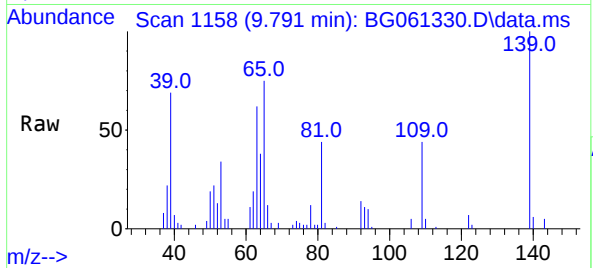
SSTD020501

Tgt Ion:139 Resp: 23464
Ion Ratio Lower Upper
139 100
65 74.8 56.1 84.1
109 43.8 33.8 50.6

Manual Integrations

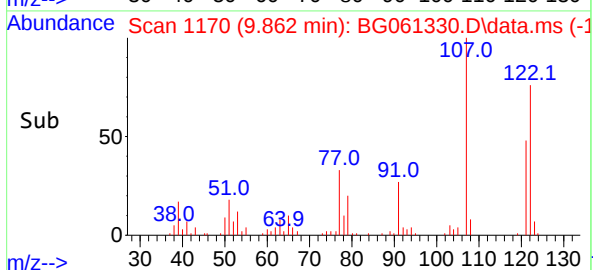
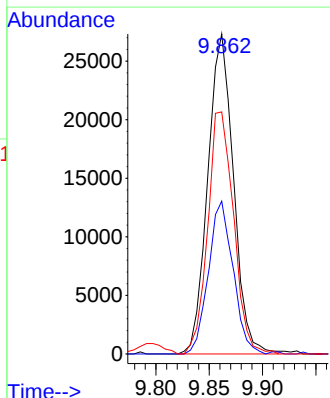
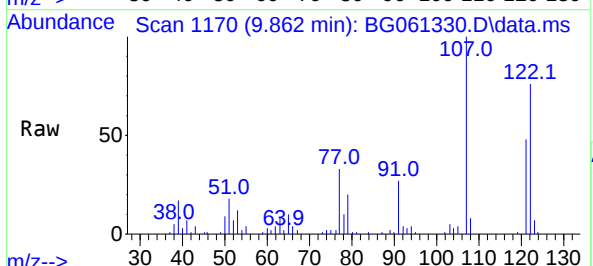
APPROVED

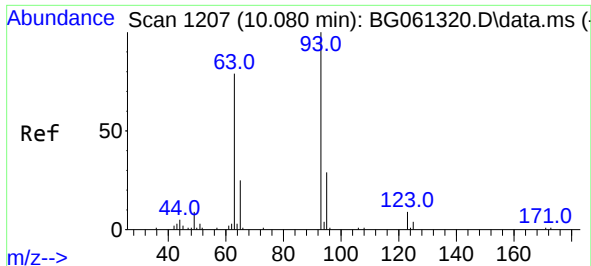
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#26
2,4-Dimethylphenol
Concen: 18.678 ng/ul
RT: 9.862 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:107 Resp: 45762
Ion Ratio Lower Upper
107 100
121 47.8 36.4 54.6
122 75.6 65.8 98.8





#27
Bis(2-Chloroethoxy)methane
Concen: 18.045 ng/ul
RT: 10.085 min Scan# 1207
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

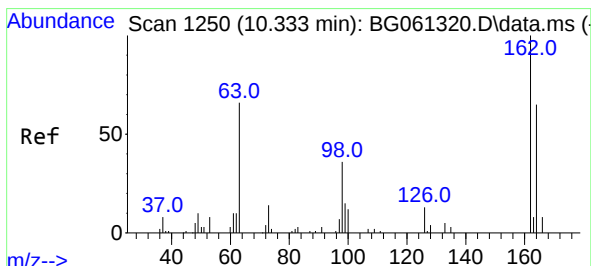
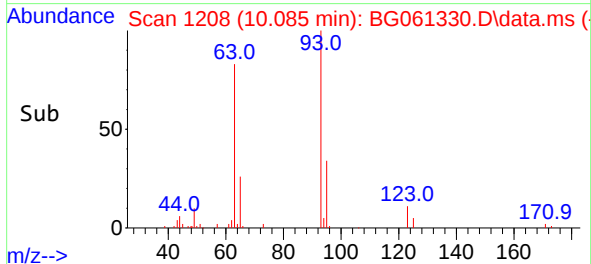
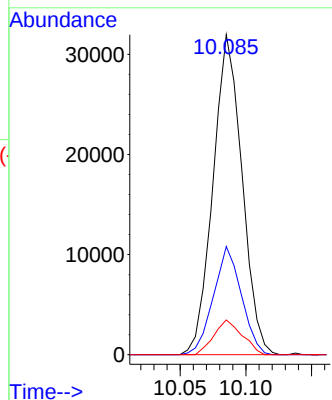
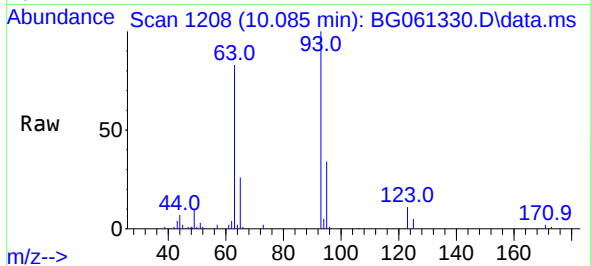
SSTD020501

Tgt Ion: 93 Resp: 4912
Ion Ratio Lower Upper
93 100
95 33.8 25.8 38.8
123 10.9 7.2 10.8

Manual Integrations

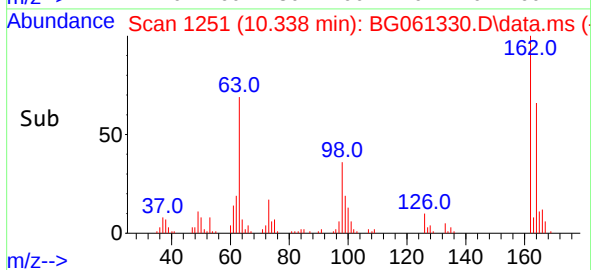
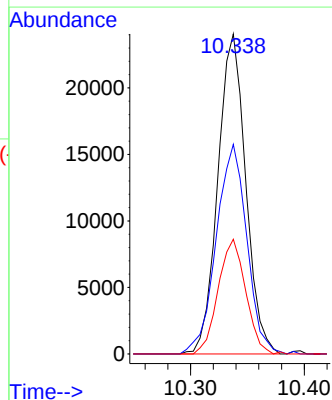
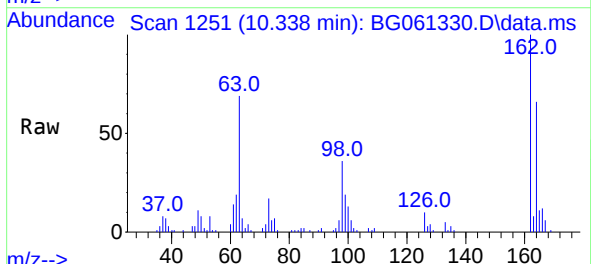
APPROVED

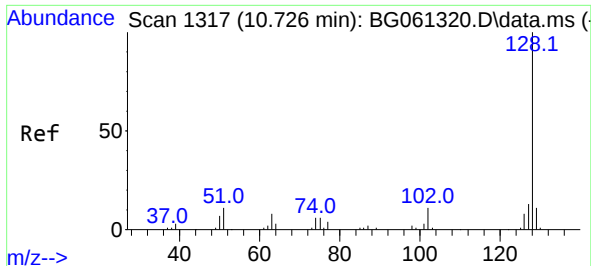
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#29
2,4-Dichlorophenol
Concen: 20.026 ng/ul
RT: 10.338 min Scan# 1251
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:162 Resp: 40965
Ion Ratio Lower Upper
162 100
164 65.5 58.4 87.6
98 35.8 29.9 44.9





#30
Naphthalene
Concen: 19.499 ng/uI
RT: 10.731 min Scan# 1318
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

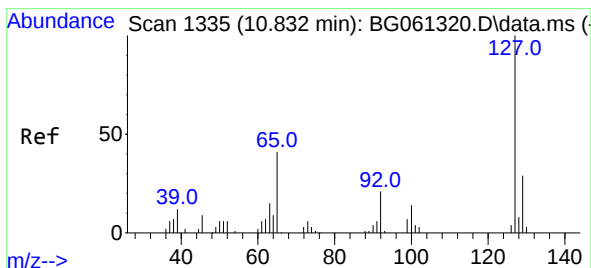
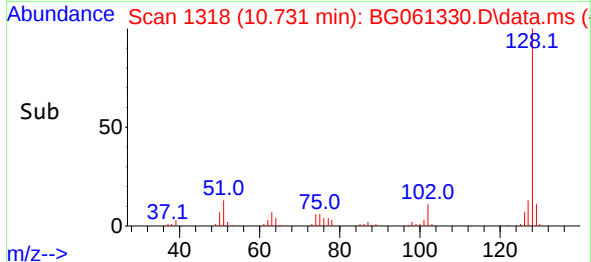
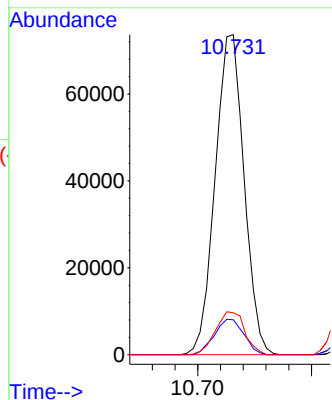
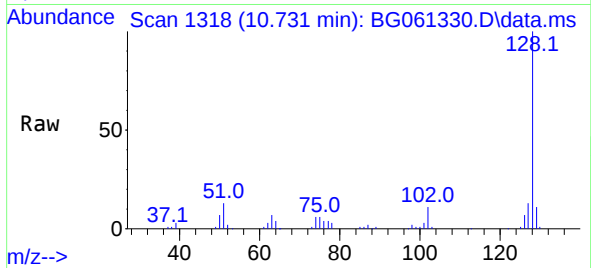
SSTD020501

Tgt Ion:128 Resp: 13011
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.8 16.2

Manual Integrations

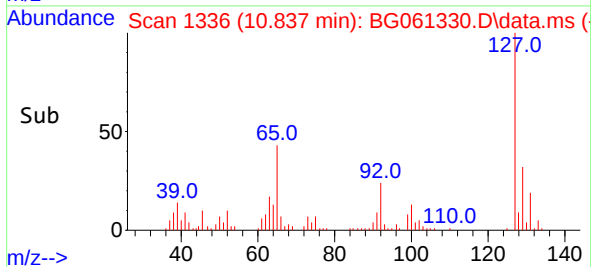
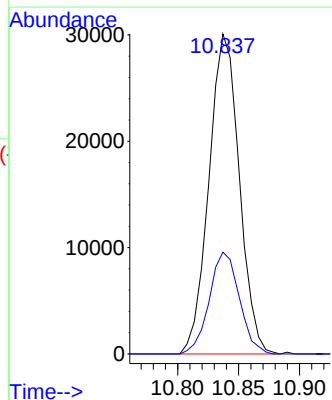
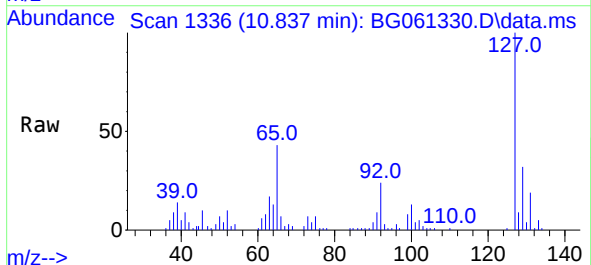
APPROVED

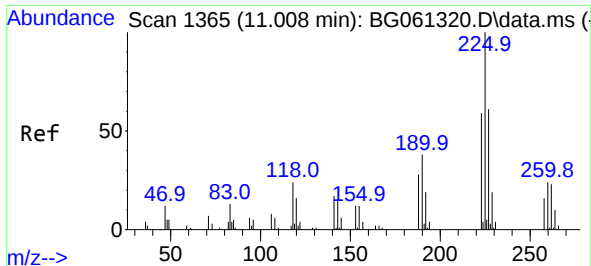
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#32
4-Chloroaniline
Concen: 18.045 ng/uI
RT: 10.837 min Scan# 1336
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:127 Resp: 52102
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9





#33
Hexachlorobutadiene
Concen: 20.141 ng/ul
RT: 11.013 min Scan# 11013
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

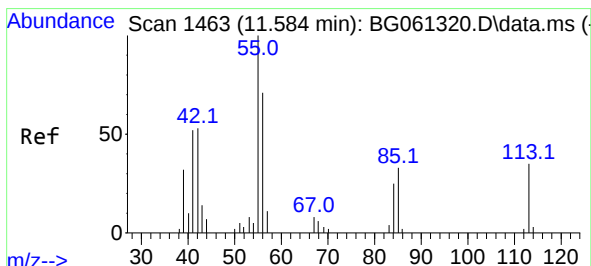
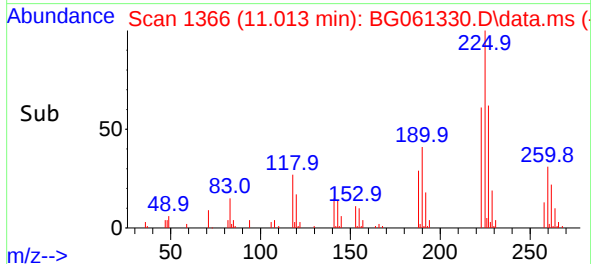
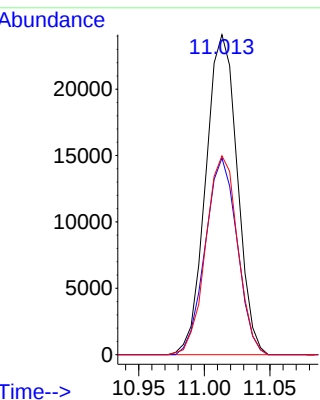
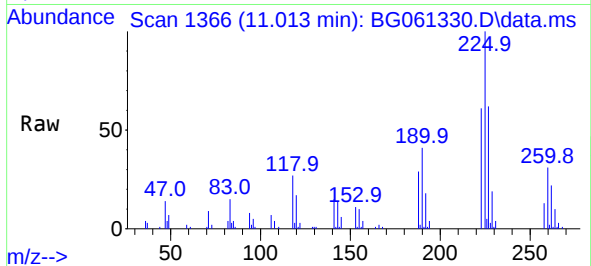
SSTD020501

Tgt Ion:225 Resp: 40270
Ion Ratio Lower Upper
225 100
223 61.5 53.8 80.8
227 62.2 50.2 75.2

Manual Integrations

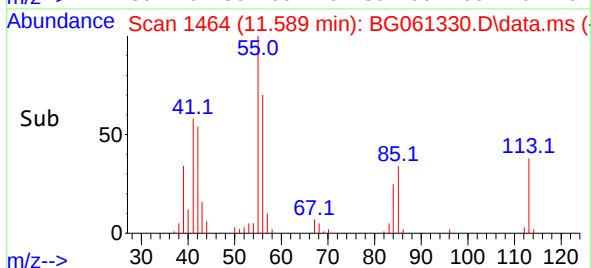
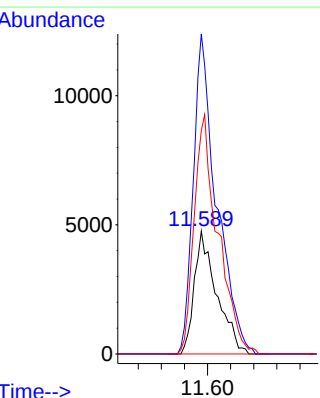
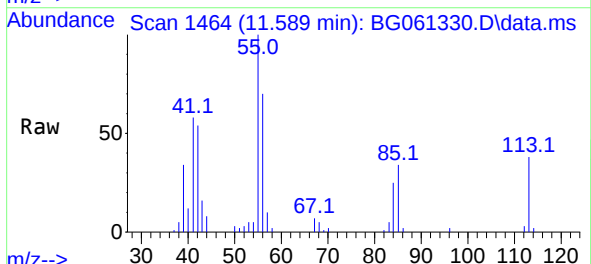
APPROVED

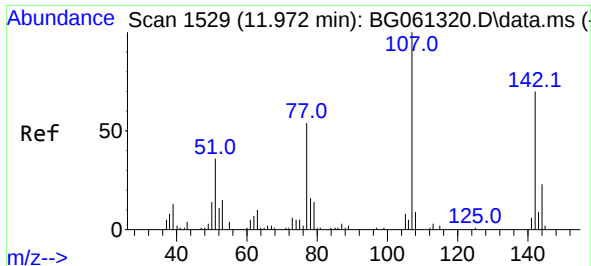
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#34
Caprolactam
Concen: 16.362 ng/ul m
RT: 11.589 min Scan# 1464
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:113 Resp: 12805
Ion Ratio Lower Upper
113 100
55 260.5 199.0 298.4
56 181.8 150.6 226.0





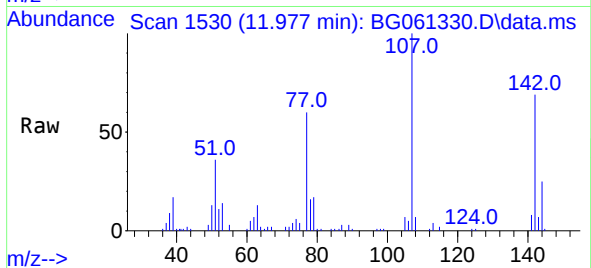
#35
4-Chloro-3-methylphenol
Concen: 17.396 ng/ul
RT: 11.977 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

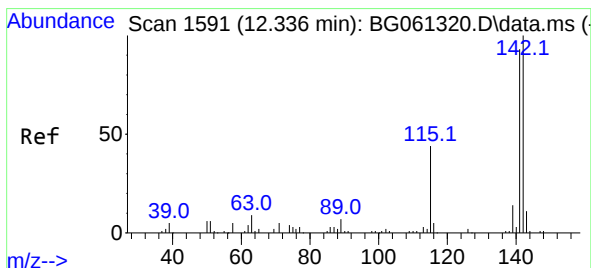
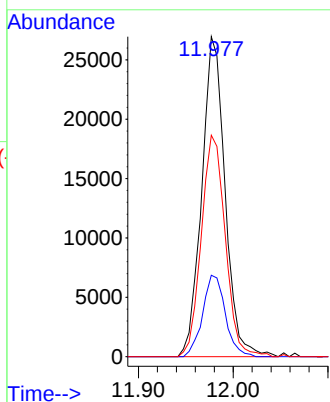
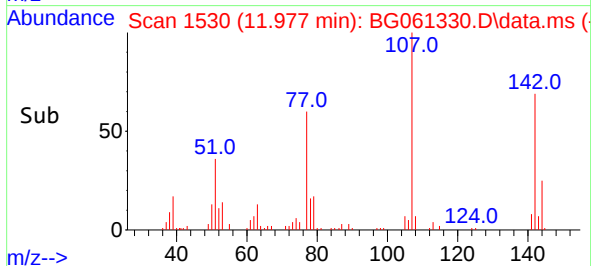


Tgt Ion:107 Resp: 46000
Ion Ratio Lower Upper
107 100
144 25.5 21.2 31.8
142 69.2 61.6 92.4

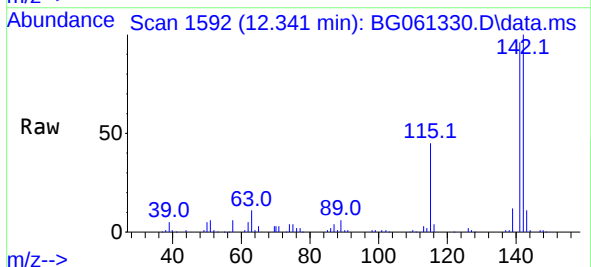
Manual Integrations

APPROVED

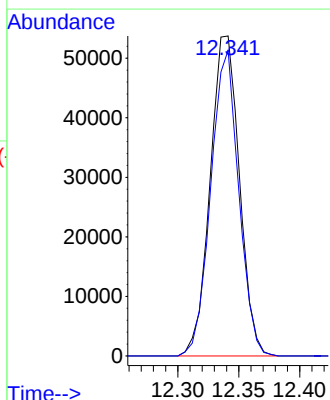
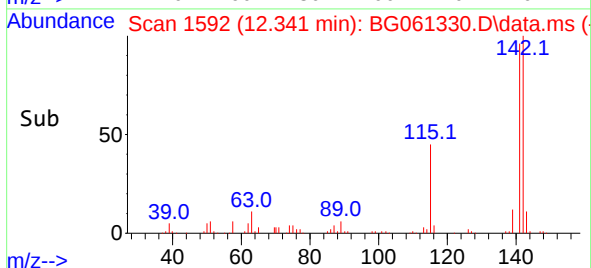
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

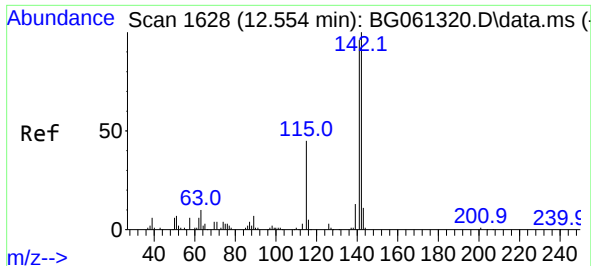


#36
2-Methylnaphthalene
Concen: 18.541 ng/ul
RT: 12.341 min Scan# 1592
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:142 Resp: 89724
Ion Ratio Lower Upper
142 100
141 95.5 72.2 108.2





#37
1-Methylnaphthalene
Concen: 17.866 ng/ul
RT: 12.559 min Scan# 1629
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

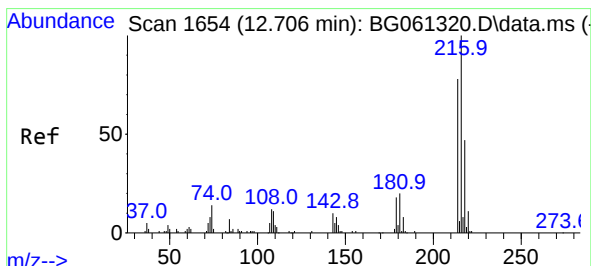
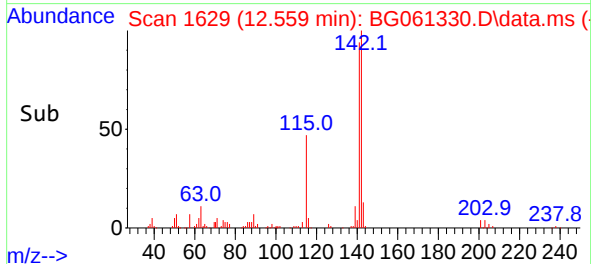
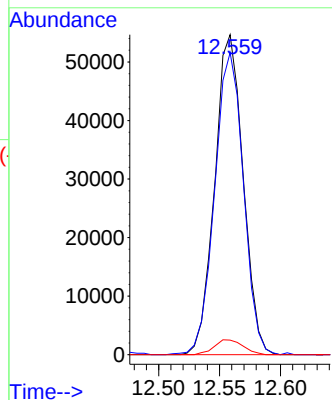
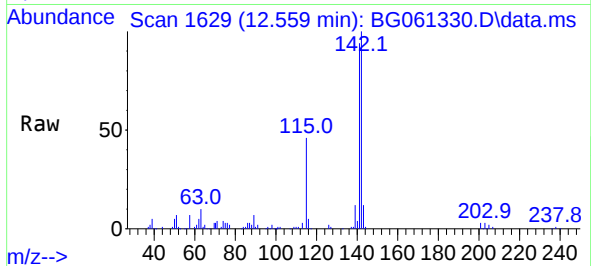
SSTD020501

Tgt Ion:142 Resp: 88720
Ion Ratio Lower Upper
142 100
141 94.4 75.5 113.3
116 4.5 4.0 6.0

Manual Integrations

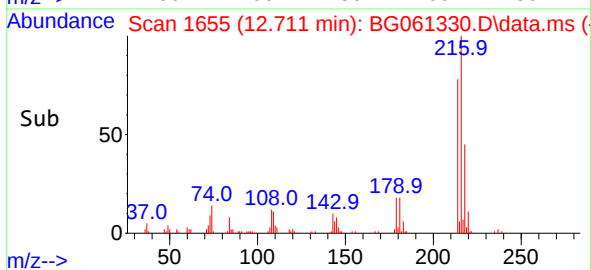
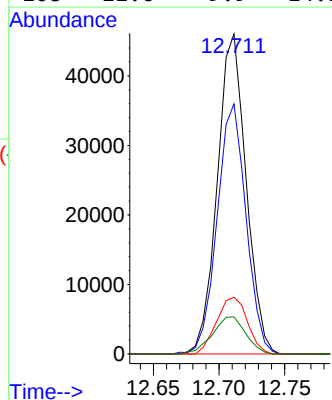
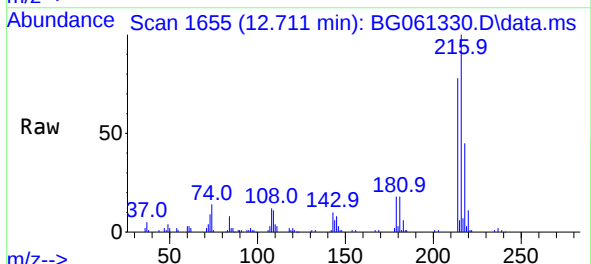
APPROVED

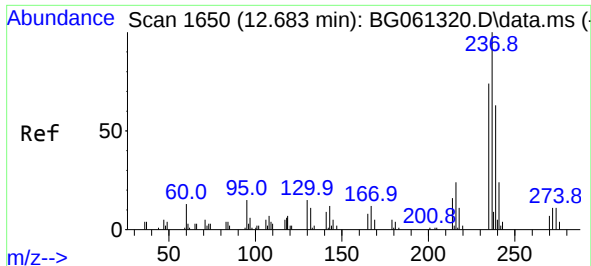
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.854 ng/ul
RT: 12.711 min Scan# 1655
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:216 Resp: 70293
Ion Ratio Lower Upper
216 100
214 78.2 64.5 96.7
179 17.7 16.0 24.0
108 11.6 9.9 14.9





#40
Hexachlorocyclopentadiene
Concen: 16.490 ng/ul
RT: 12.688 min Scan# 1651
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

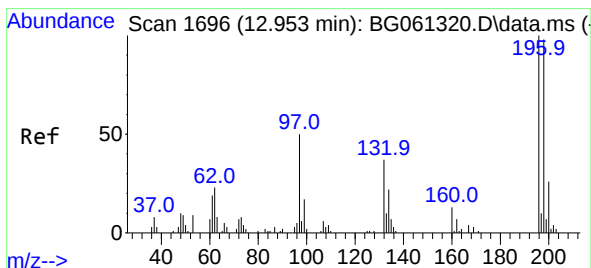
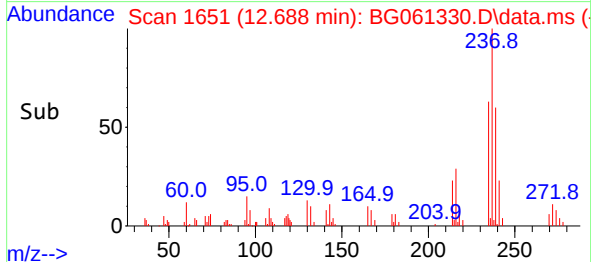
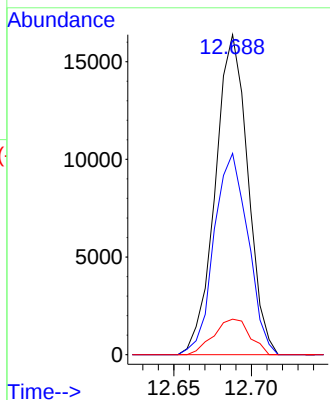
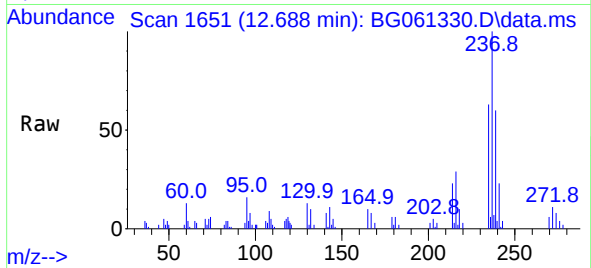
SSTD020501

Tgt Ion:237 Resp: 2394
Ion Ratio Lower Upper
237 100
235 62.9 45.4 68.2
272 11.1 11.4 17.0

Manual Integrations

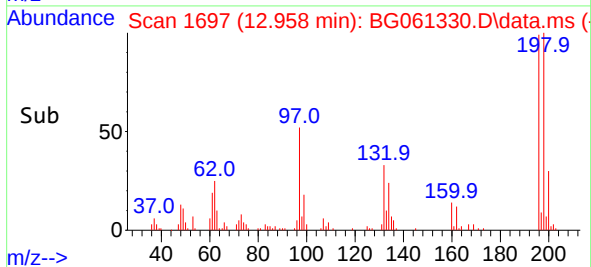
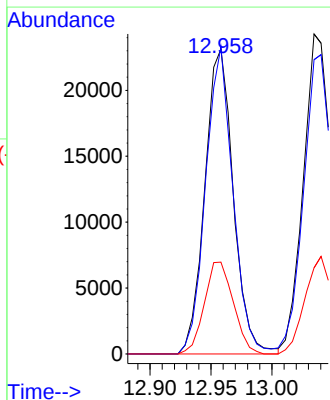
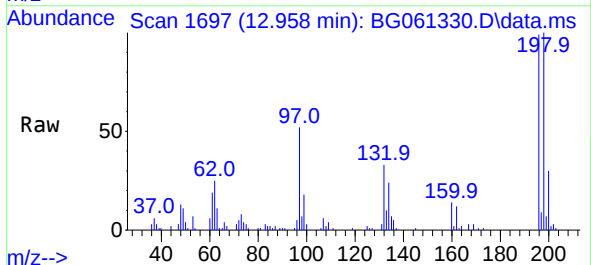
APPROVED

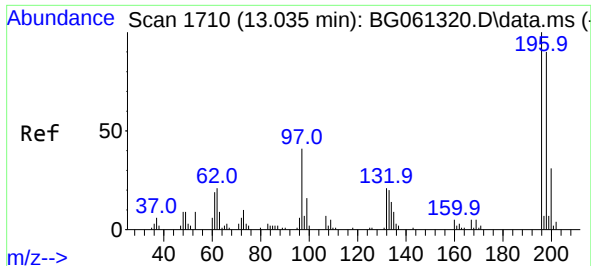
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#41
2,4,6-Trichlorophenol
Concen: 20.802 ng/ul
RT: 12.958 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:196 Resp: 37688
Ion Ratio Lower Upper
196 100
198 100.7 78.5 117.7
200 30.1 26.1 39.1





#42
2,4,5-Trichlorophenol
Concen: 20.987 ng/ul
RT: 13.034 min Scan# 1710
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

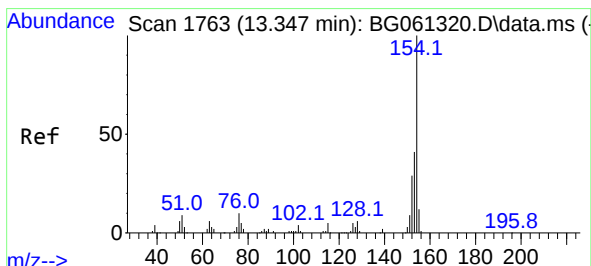
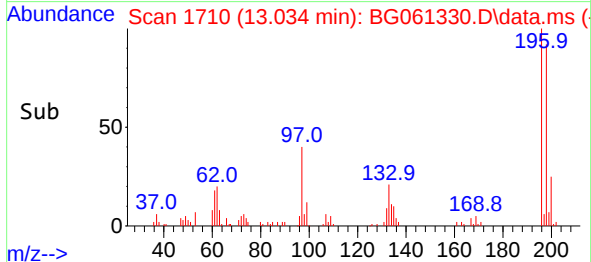
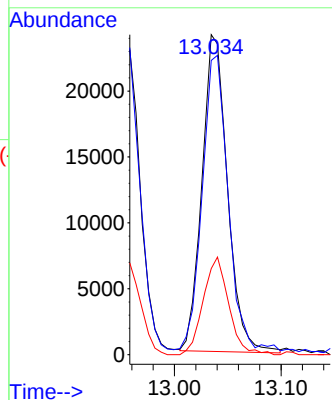
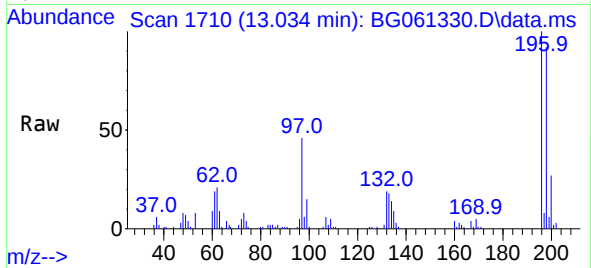
SSTD020501

Tgt Ion:196 Resp: 4004
Ion Ratio Lower Upper
196 100
198 92.0 77.4 116.2
200 26.9 21.0 31.6

Manual Integrations

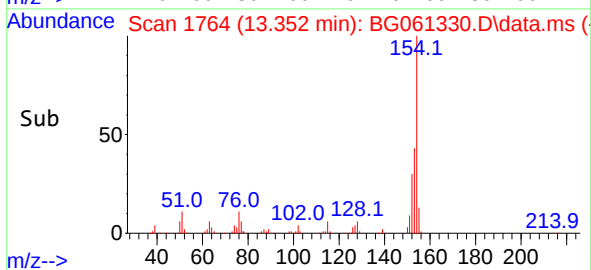
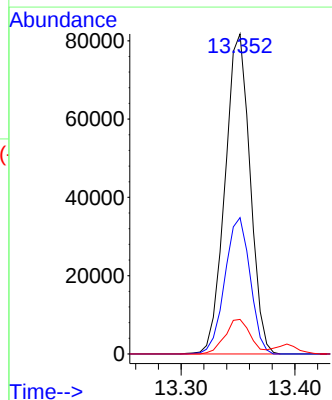
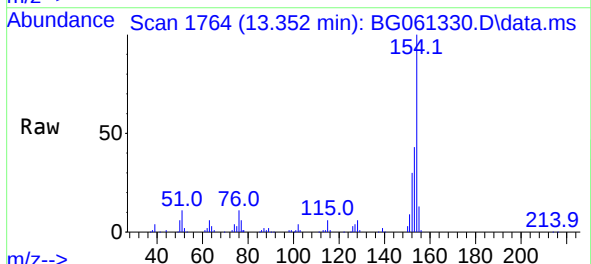
APPROVED

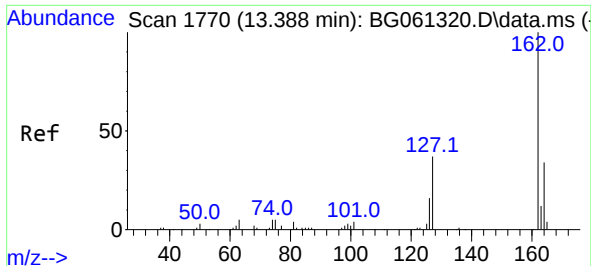
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#43
1,1'-Biphenyl
Concen: 19.813 ng/ul
RT: 13.352 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:154 Resp: 124817
Ion Ratio Lower Upper
154 100
153 42.6 31.2 46.8
76 10.8 8.5 12.7





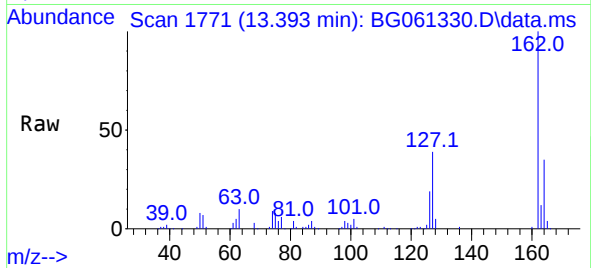
#44
2-Chloronaphthalene
Concen: 20.919 ng/ul
RT: 13.393 min Scan# 1771
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

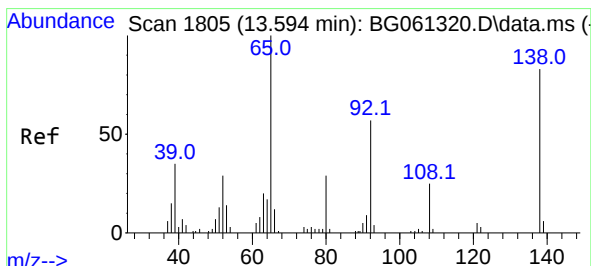
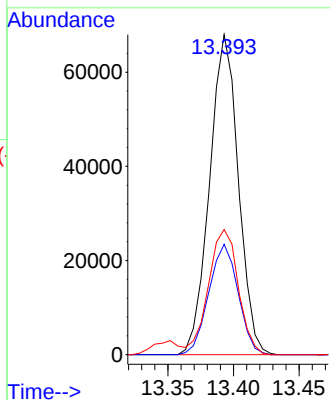
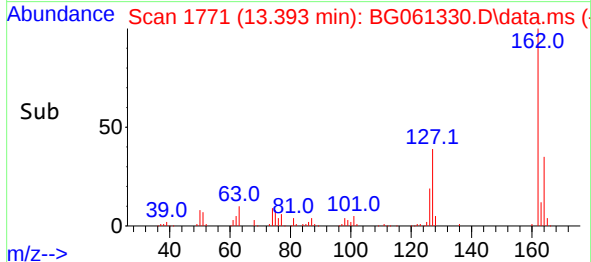


Tgt Ion:162 Resp: 10370
Ion Ratio Lower Upper
162 100
164 34.5 26.8 40.2
127 39.1 31.9 47.9

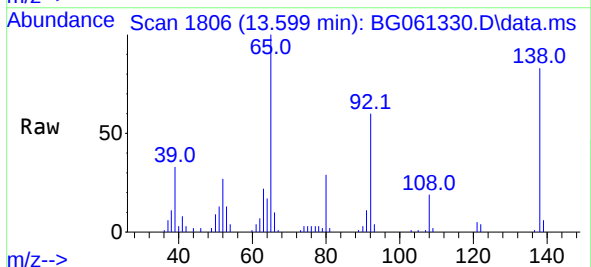
Manual Integrations

APPROVED

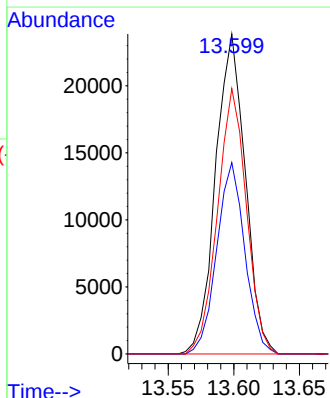
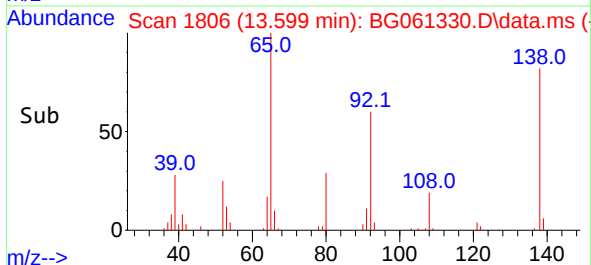
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

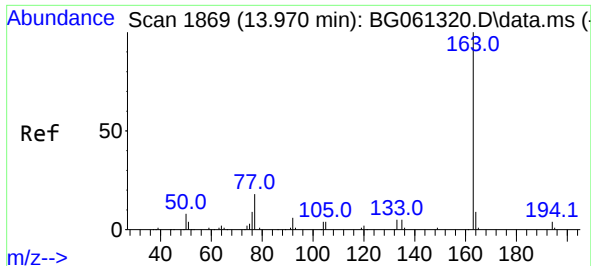


#45
2-Nitroaniline
Concen: 18.336 ng/ul
RT: 13.599 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion: 65 Resp: 37517
Ion Ratio Lower Upper
65 100
92 59.8 46.2 69.4
138 83.0 65.0 97.6





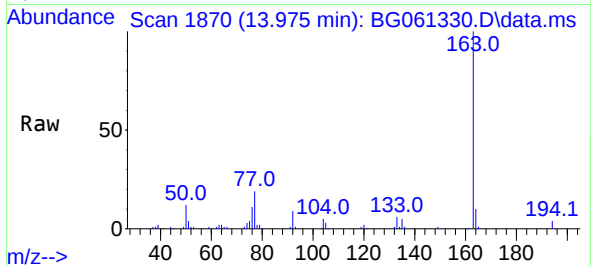
#47
Dimethylphthalate
Concen: 17.578 ng/ul
RT: 13.975 min Scan# 1869
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

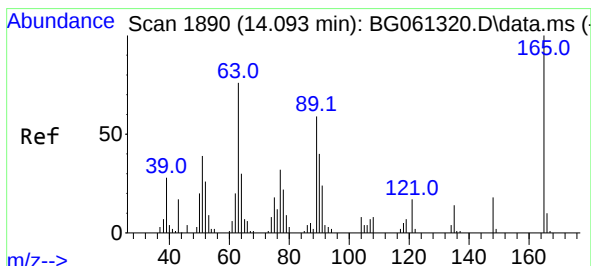
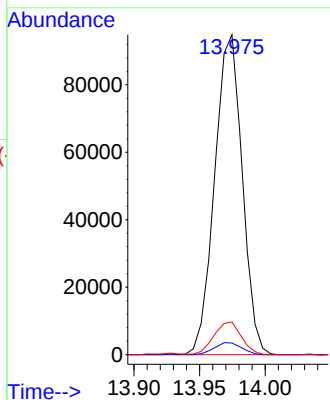
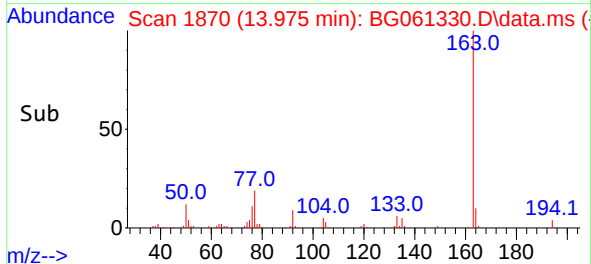


Tgt Ion:163 Resp: 13843
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.2 8.1 12.1

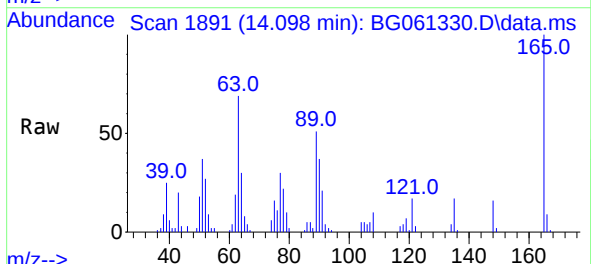
Manual Integrations

APPROVED

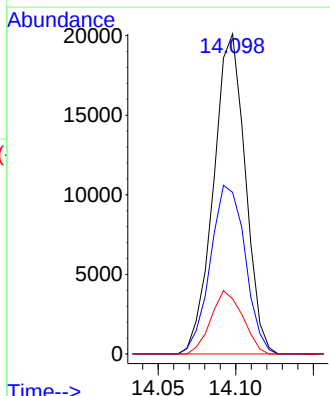
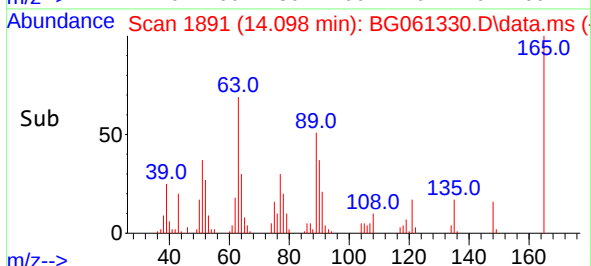
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

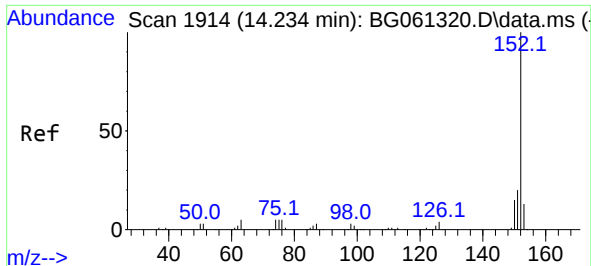


#48
2,6-Dinitrotoluene
Concen: 18.534 ng/ul
RT: 14.098 min Scan# 1891
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:165 Resp: 28624
Ion Ratio Lower Upper
165 100
89 50.5 46.0 69.0
121 17.2 17.9 26.9#





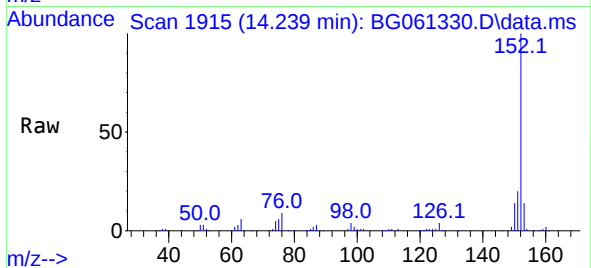
#50
Acenaphthylene
Concen: 19.350 ng/ul
RT: 14.239 min Scan# 1915
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

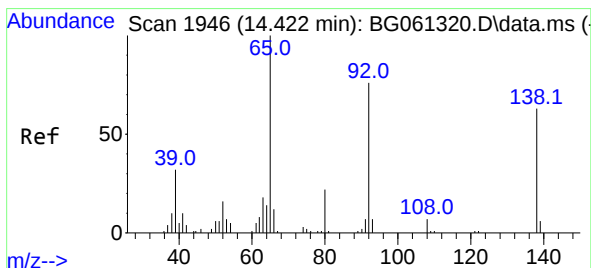
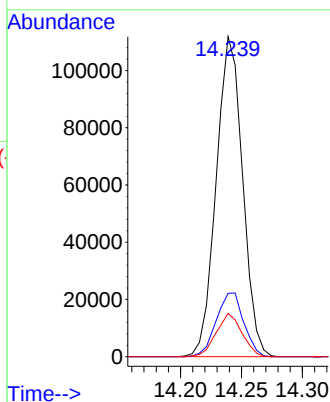
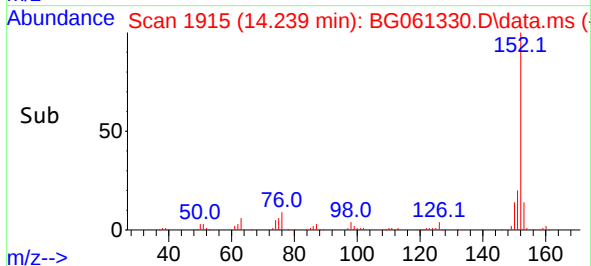


Tgt Ion:152 Resp: 168552
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.6 10.2 15.4

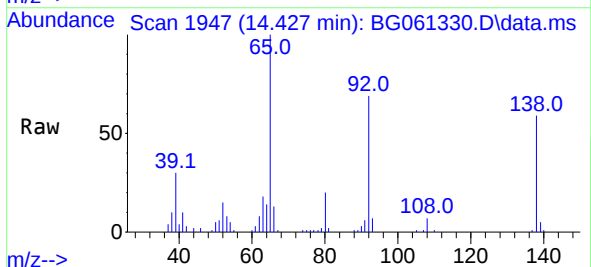
Manual Integrations

APPROVED

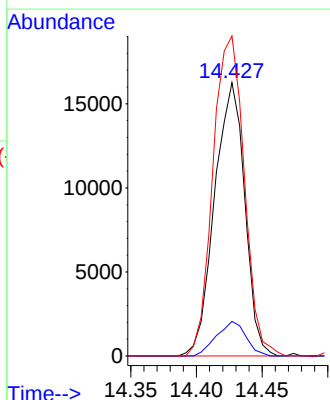
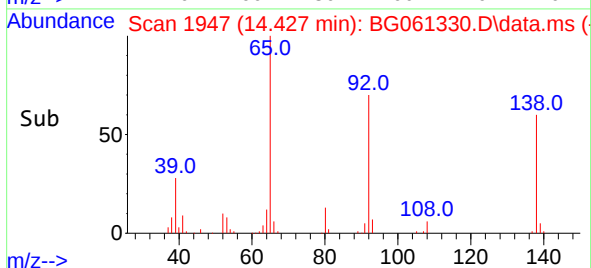
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

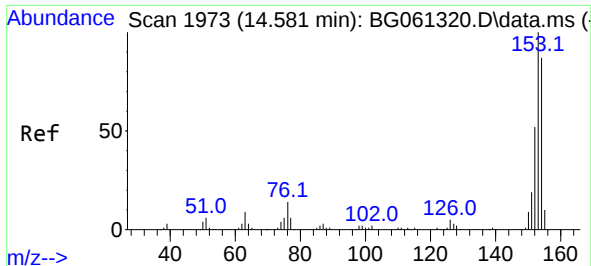


#51
3-Nitroaniline
Concen: 19.383 ng/ul
RT: 14.427 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:138 Resp: 25979
Ion Ratio Lower Upper
138 100
108 12.7 10.1 15.1
92 117.1 97.6 146.4





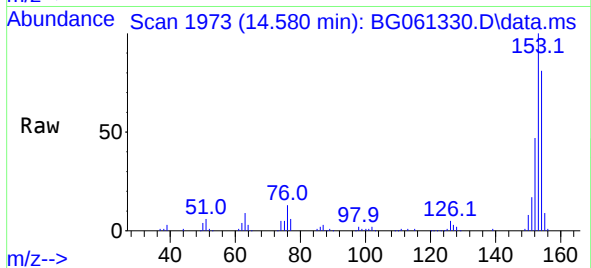
#52
Acenaphthene
Concen: 19.575 ng/ul
RT: 14.580 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

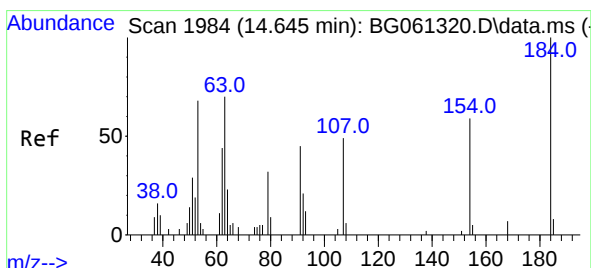
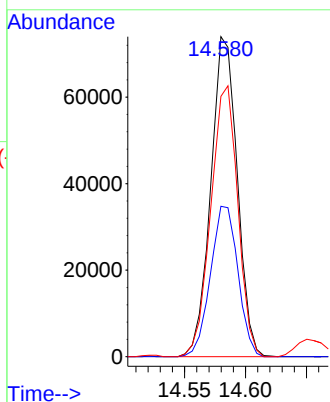
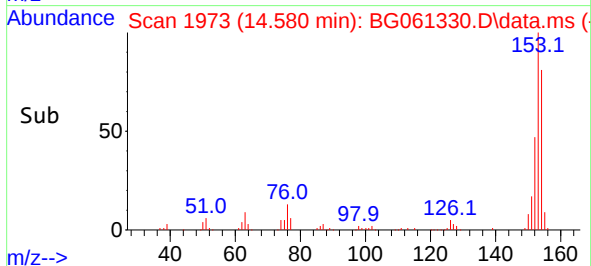


Tgt Ion:153 Resp: 11185
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.8
154 81.3 69.0 103.6

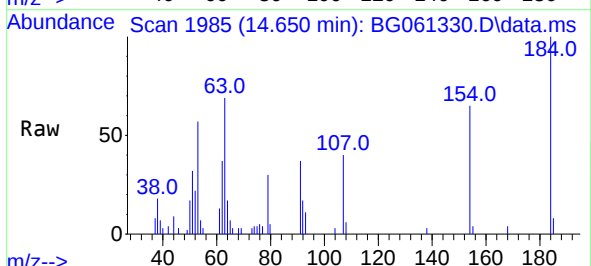
Manual Integrations

APPROVED

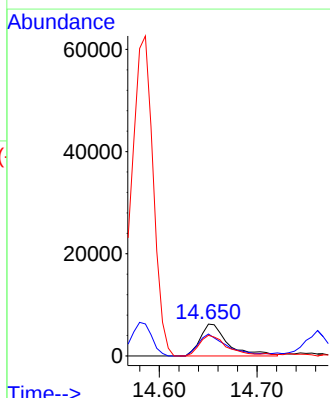
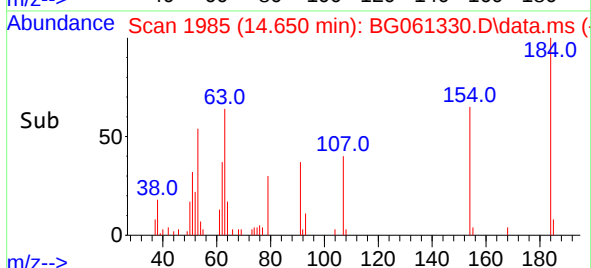
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

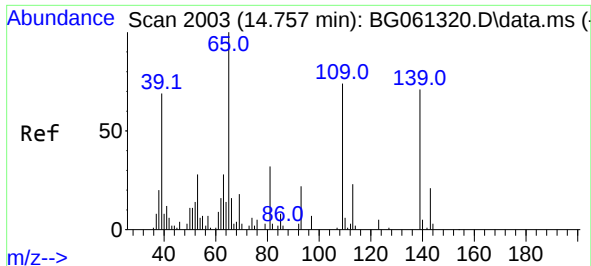


#53
2,4-Dinitrophenol
Concen: 14.970 ng/ul m
RT: 14.650 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:184 Resp: 12260
Ion Ratio Lower Upper
184 100
63 68.8 61.3 91.9
154 64.5 55.0 82.4





#55
4-Nitrophenol
Concen: 16.459 ng/ul
RT: 14.762 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

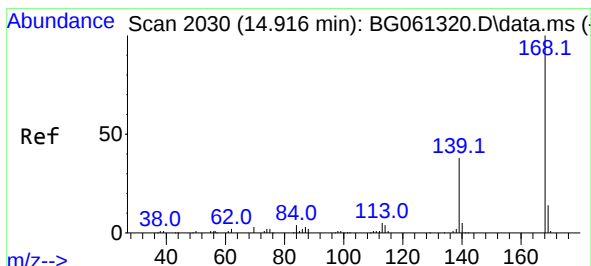
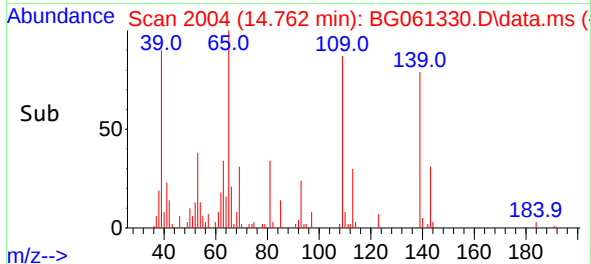
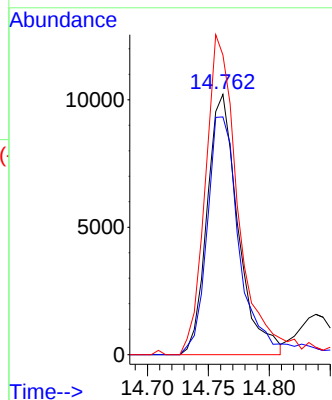
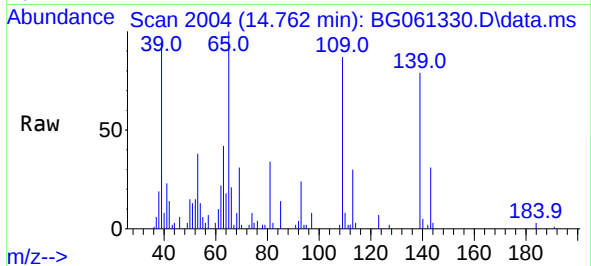
SSTD020501

Tgt Ion:109 Resp: 1807
Ion Ratio Lower Upper
109 100
139 91.3 74.9 112.3
65 115.1 104.0 156.0

Manual Integrations

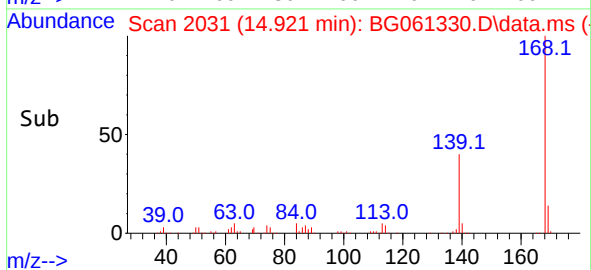
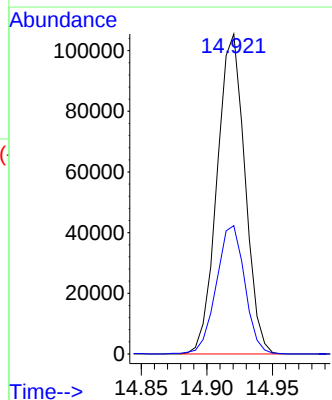
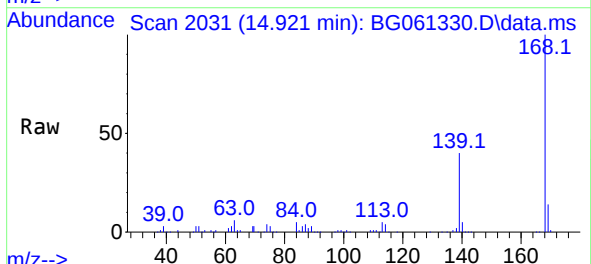
APPROVED

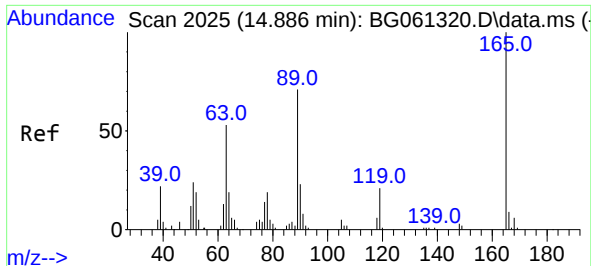
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#56
Dibenzofuran
Concen: 19.033 ng/ul
RT: 14.921 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:168 Resp: 155505
Ion Ratio Lower Upper
168 100
139 40.1 33.4 50.2





#57
2,4-Dinitrotoluene
Concen: 17.847 ng/ul
RT: 14.891 min Scan# 2025
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

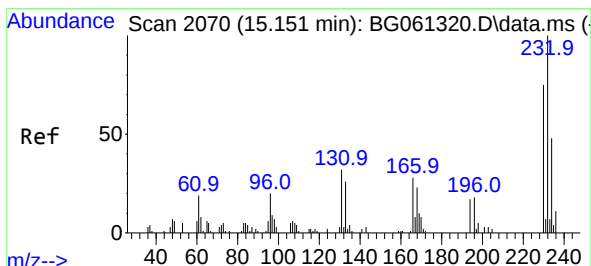
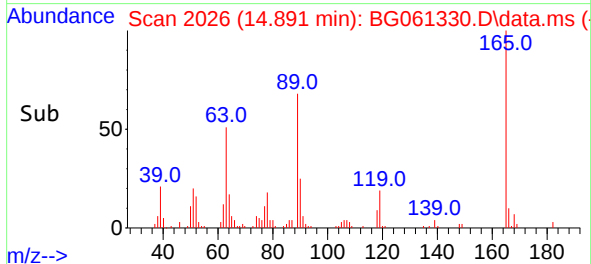
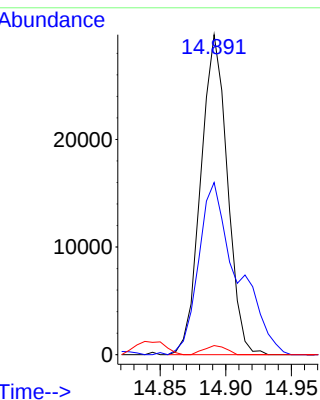
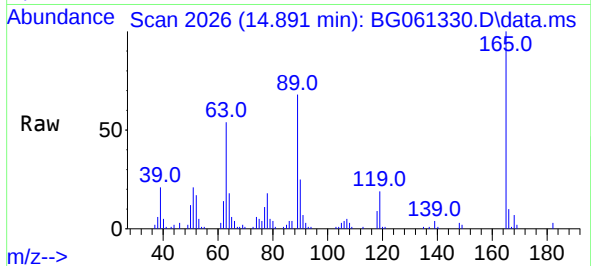
SSTD020501

Tgt Ion:165 Resp: 41934
Ion Ratio Lower Upper
165 100
63 53.8 43.4 65.2
182 2.8 2.0 3.0

Manual Integrations

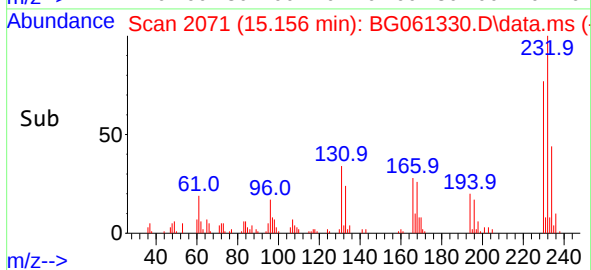
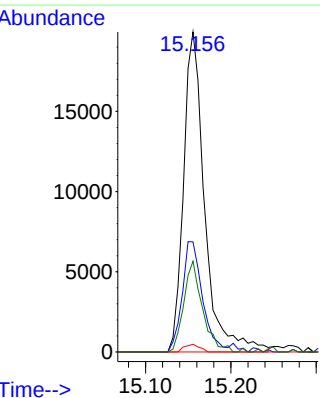
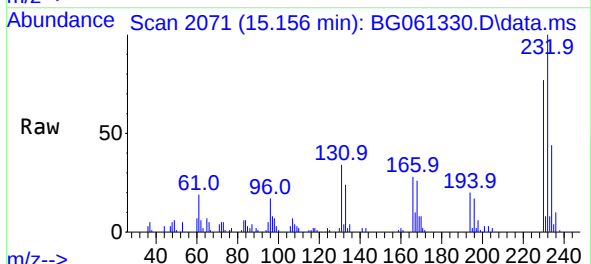
APPROVED

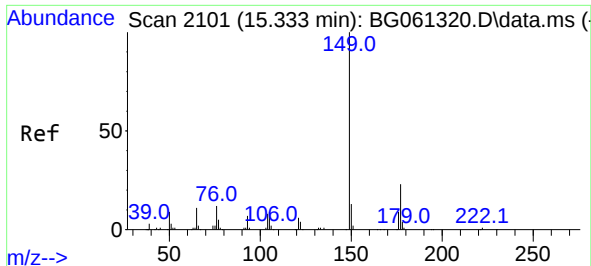
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.699 ng/ul
RT: 15.156 min Scan# 2071
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:232 Resp: 34278
Ion Ratio Lower Upper
232 100
131 34.4 30.2 45.2
130 2.4 1.8 2.6
166 28.3 21.0 31.6





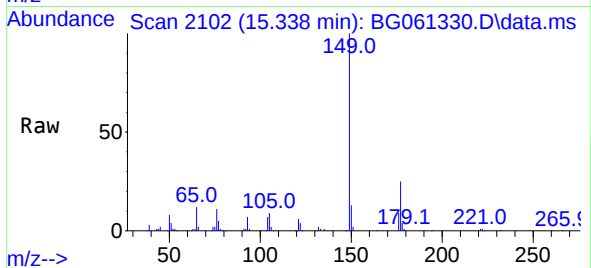
#59
Diethylphthalate
Concen: 17.535 ng/ul
RT: 15.338 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

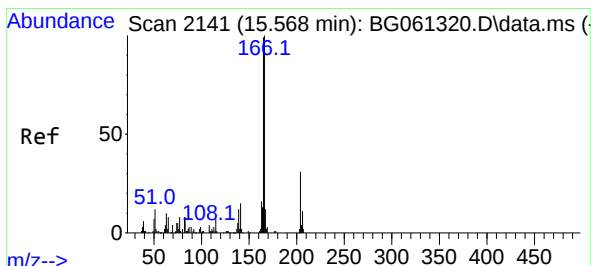
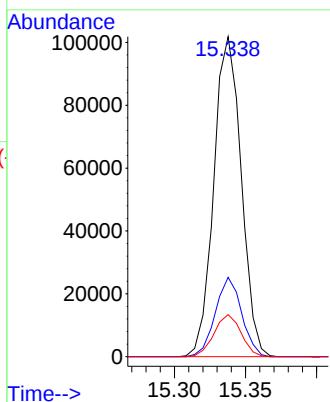
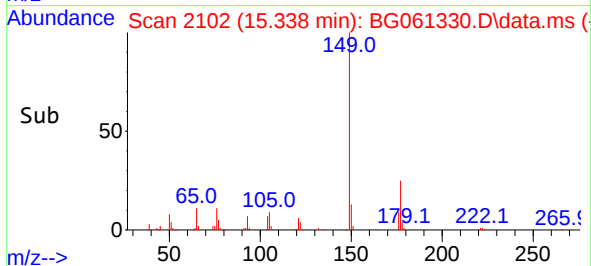


Tgt Ion:149 Resp: 136368
Ion Ratio Lower Upper
149 100
177 24.8 19.1 28.7
150 13.1 11.0 16.4

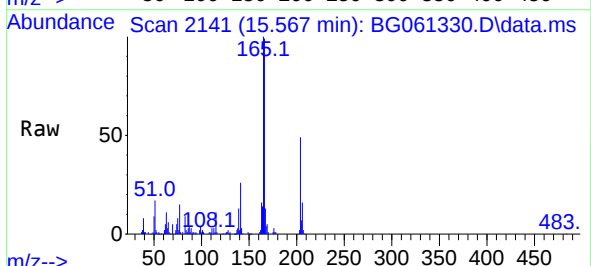
Manual Integrations

APPROVED

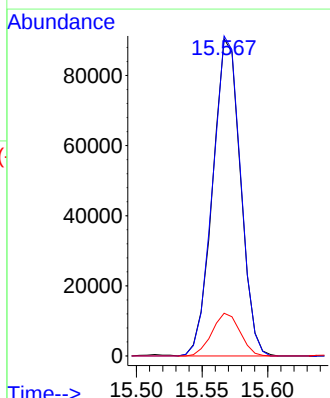
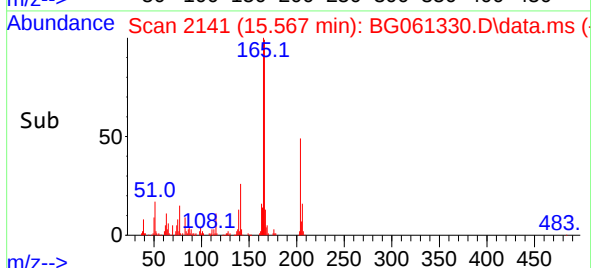
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

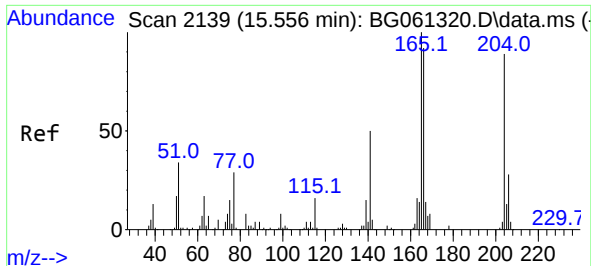


#61
Fluorene
Concen: 18.829 ng/ul
RT: 15.567 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:166 Resp: 133102
Ion Ratio Lower Upper
166 100
165 100.9 81.8 122.8
167 13.5 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 18.859 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

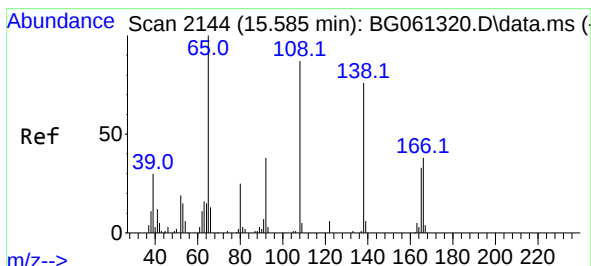
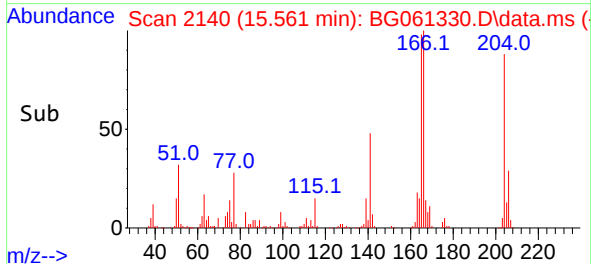
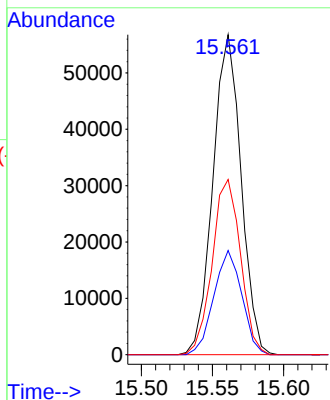
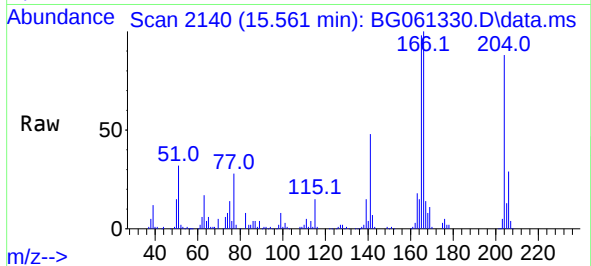
SSTD020501

Tgt Ion:204 Resp: 7818
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 54.8 43.0 64.6

Manual Integrations

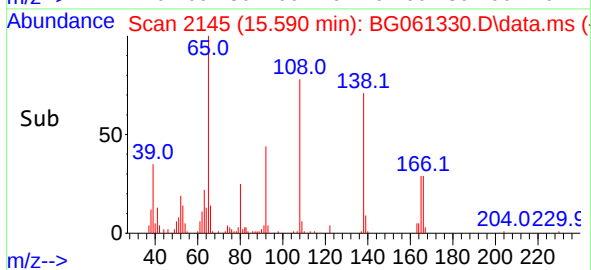
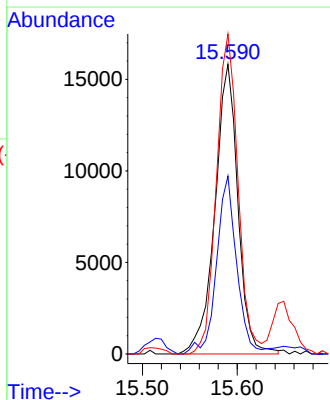
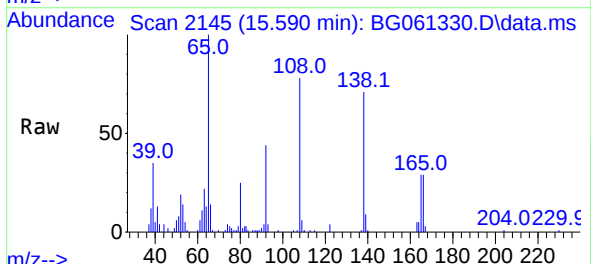
APPROVED

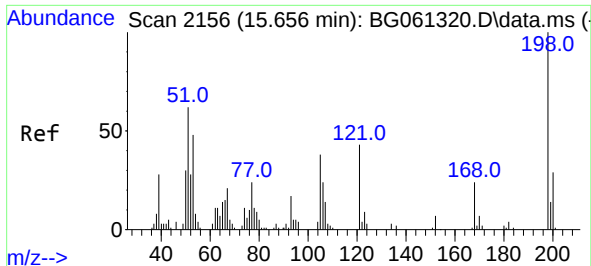
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#63
4-Nitroaniline
Concen: 19.138 ng/ul
RT: 15.590 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:138 Resp: 26716
Ion Ratio Lower Upper
138 100
92 61.5 48.6 73.0
108 110.5 95.5 143.3





#66
4,6-Dinitro-2-methylphenol
Concen: 15.134 ng/ul
RT: 15.667 min Scan# 2156
Delta R.T. 0.005 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

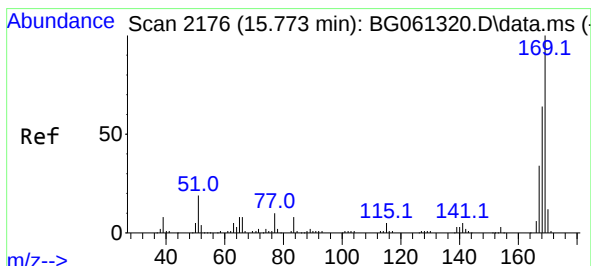
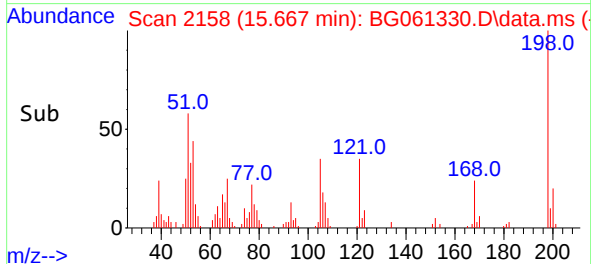
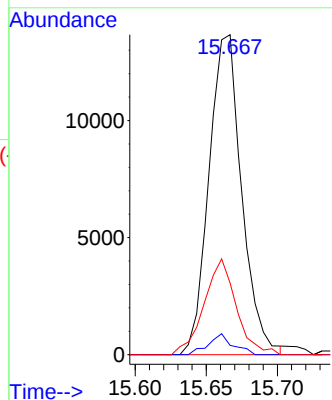
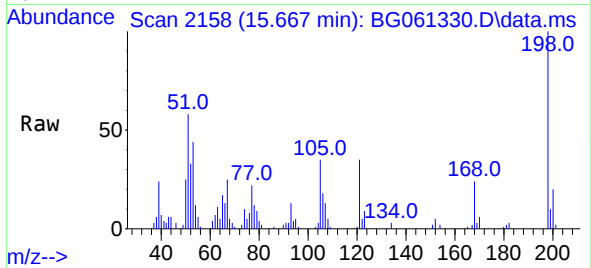
SSTD020501

Tgt Ion:198 Resp: 2187
Ion Ratio Lower Upper
198 100
182 2.9 2.9 4.3
77 22.4 22.3 33.5

Manual Integrations

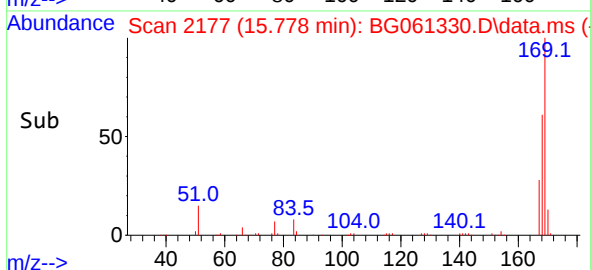
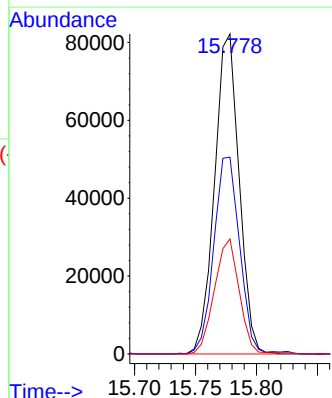
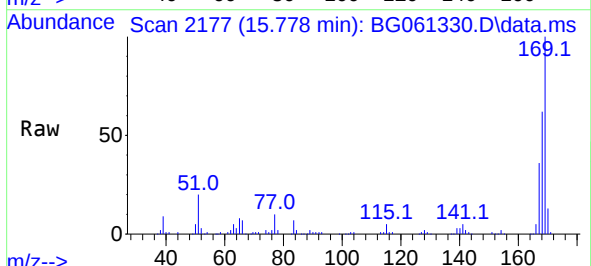
APPROVED

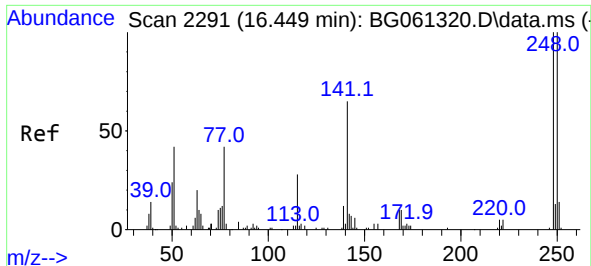
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#67
N-Nitrosodiphenylamine
Concen: 20.155 ng/ul
RT: 15.778 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:169 Resp: 115501
Ion Ratio Lower Upper
169 100
168 61.5 51.9 77.9
167 36.0 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 20.264 ng/ul
RT: 16.454 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

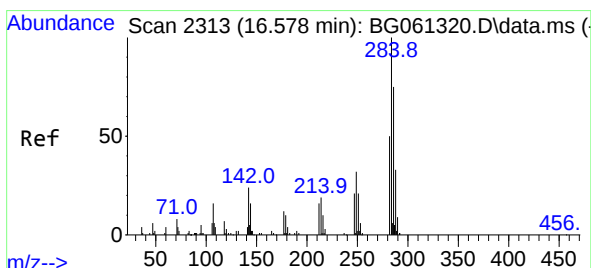
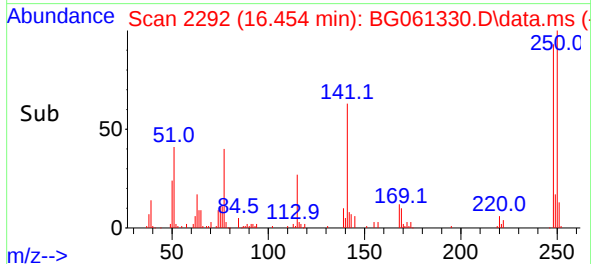
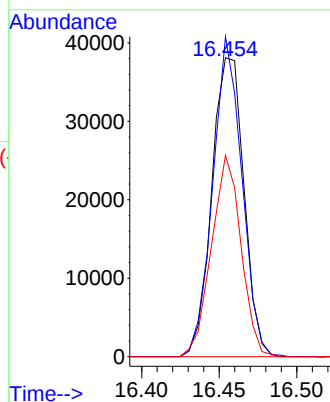
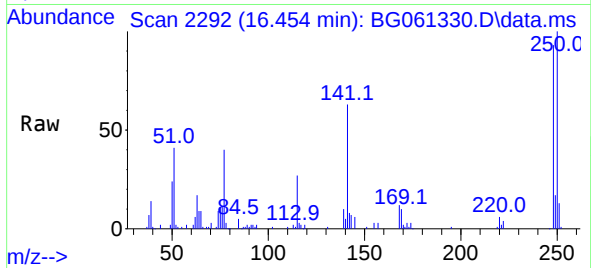
SSTD020501

Tgt Ion:248 Resp: 54740
Ion Ratio Lower Upper
248 100
250 107.1 79.4 119.2
141 67.3 50.2 75.4

Manual Integrations

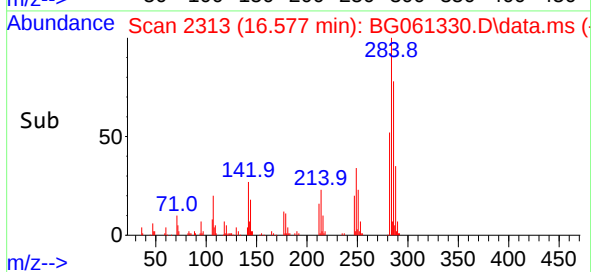
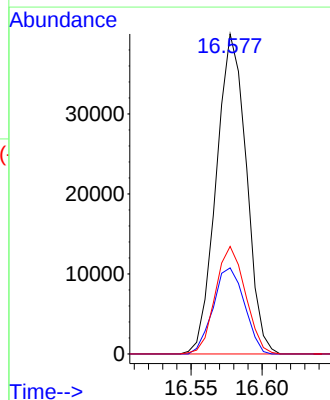
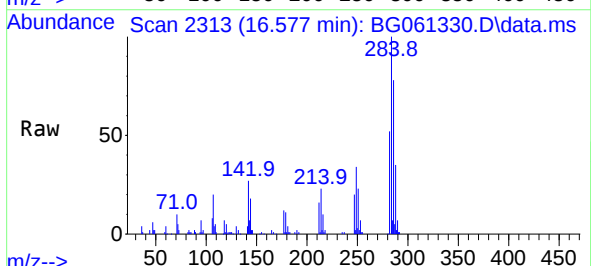
APPROVED

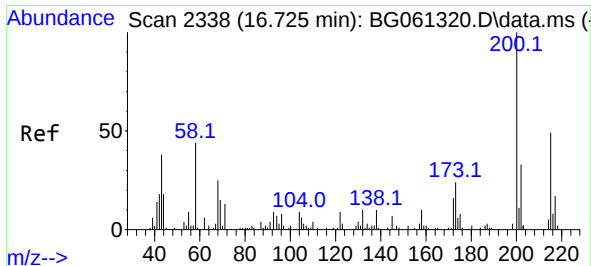
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#69
Hexachlorobenzene
Concen: 19.598 ng/ul
RT: 16.577 min Scan# 2313
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:284 Resp: 58852
Ion Ratio Lower Upper
284 100
142 26.9 21.2 31.8
249 33.6 28.7 43.1





#70
Atrazine
Concen: 18.860 ng/ul
RT: 16.724 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

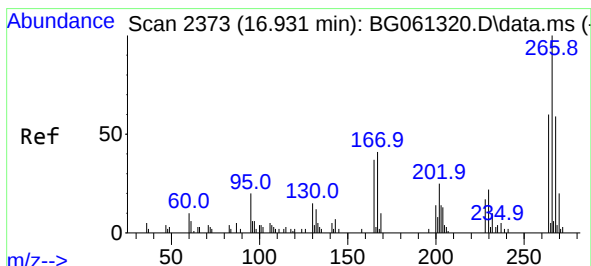
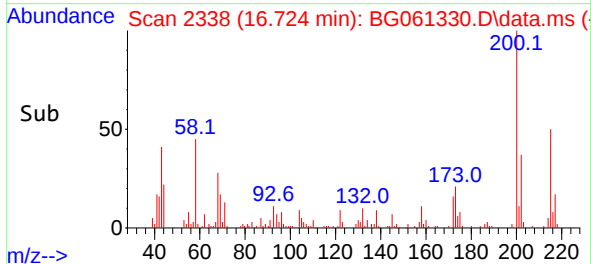
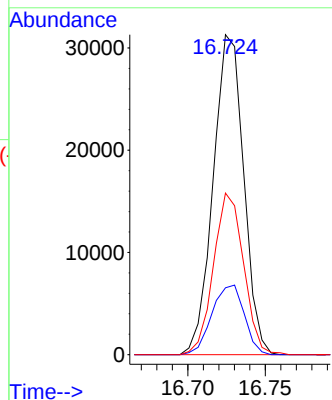
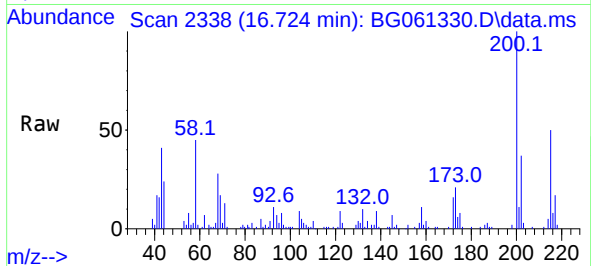
SSTD020501

Tgt Ion:200 Resp: 42774
Ion Ratio Lower Upper
200 100
173 20.9 15.9 23.9
215 50.5 37.3 55.9

Manual Integrations

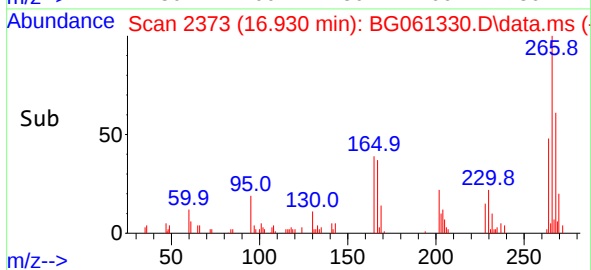
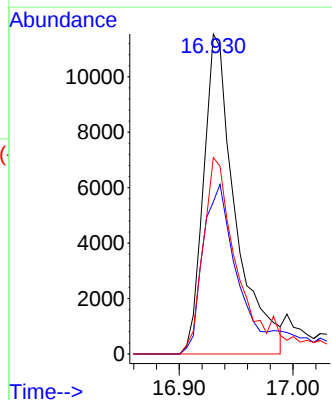
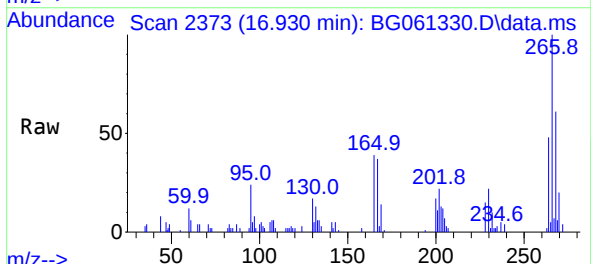
APPROVED

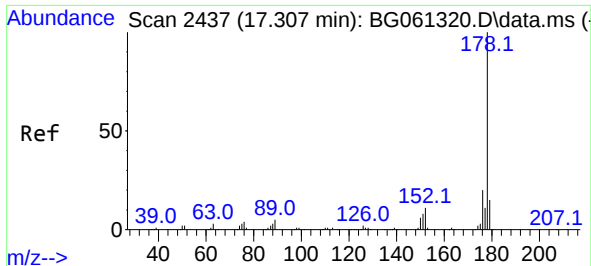
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#71
Pentachlorophenol
Concen: 21.398 ng/ul
RT: 16.930 min Scan# 2373
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:266 Resp: 22364
Ion Ratio Lower Upper
266 100
264 47.5 41.9 62.9
268 61.4 52.6 79.0





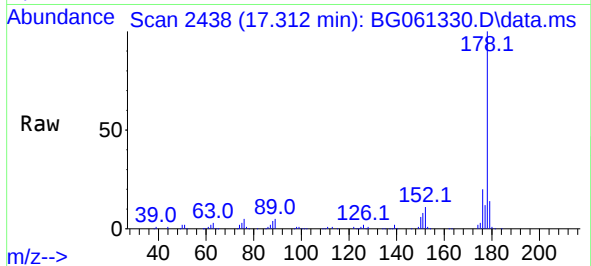
#72
Phenanthrene
Concen: 19.163 ng/u1
RT: 17.312 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

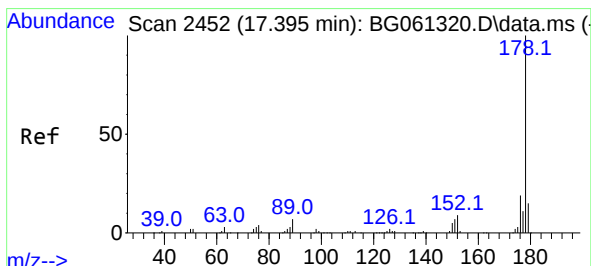
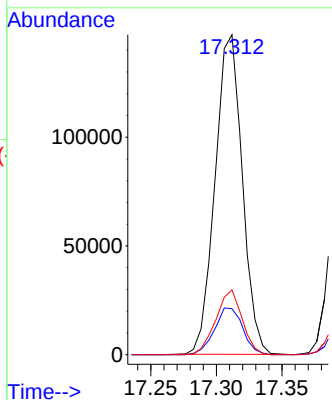
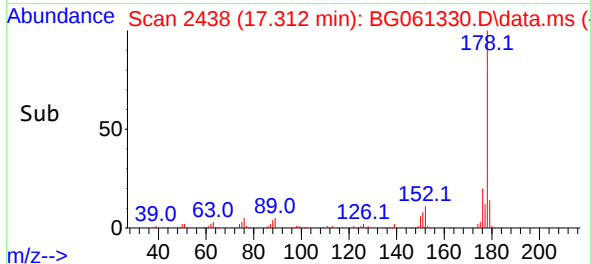


Tgt Ion:178 Resp: 212065
Ion Ratio Lower Upper
178 100
179 14.4 12.7 19.1
176 20.3 15.5 23.3

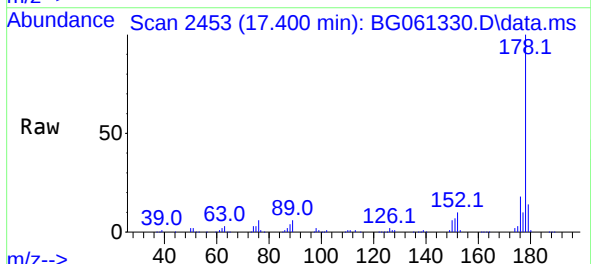
Manual Integrations

APPROVED

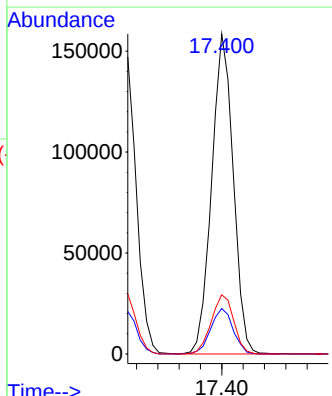
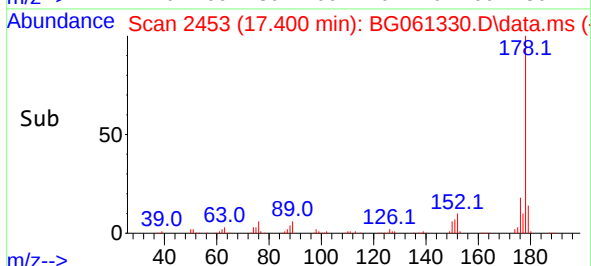
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

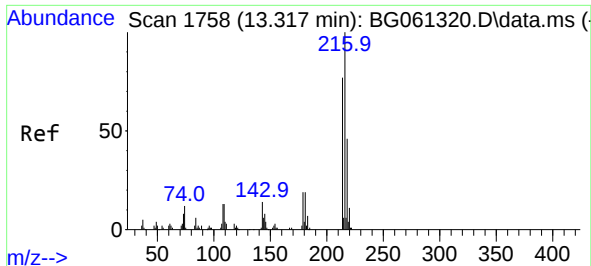


#74
Anthracene
Concen: 19.471 ng/u1
RT: 17.400 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



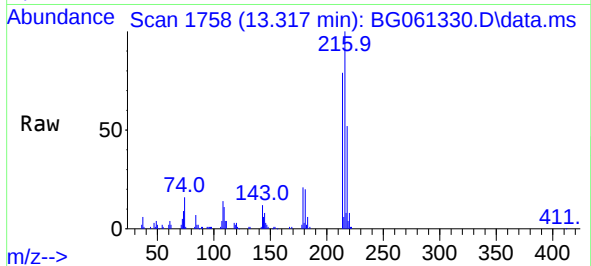
Tgt Ion:178 Resp: 222789
Ion Ratio Lower Upper
178 100
179 14.2 11.8 17.6
176 18.5 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.497 ng/uL
RT: 13.317 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

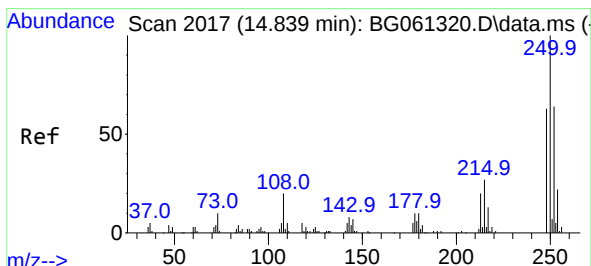
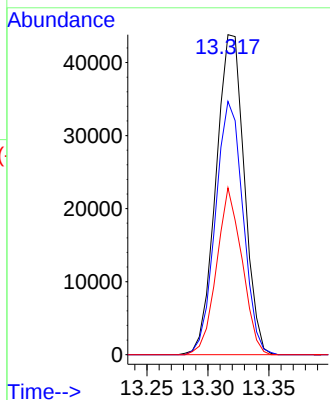
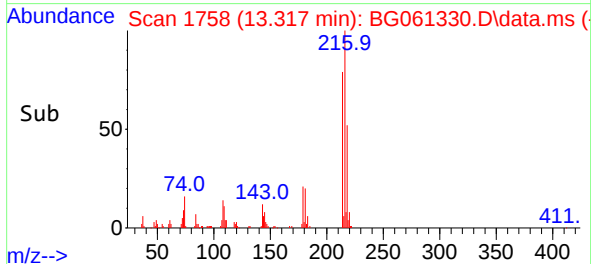
Instrument :
BNA_G
ClientSampleId :
SSTD020501



Tgt Ion:216 Resp: 70819
Ion Ratio Lower Upper
216 100
214 79.1 60.0 90.0
218 52.2 38.5 57.7

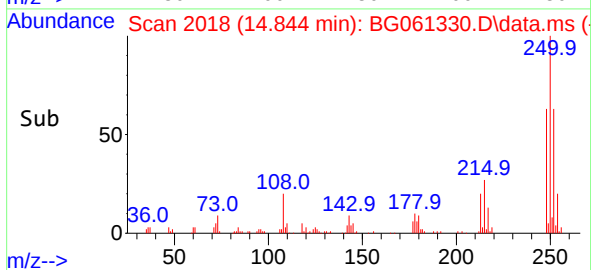
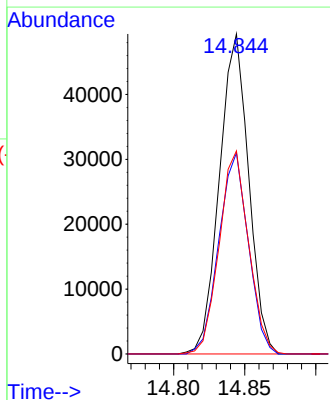
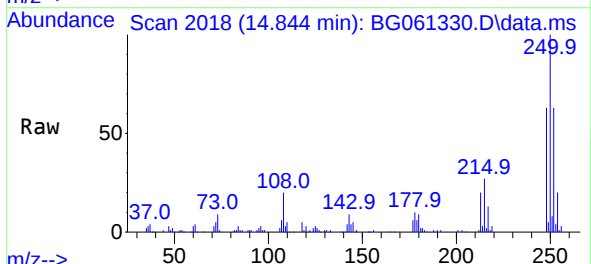
Manual Integrations
APPROVED

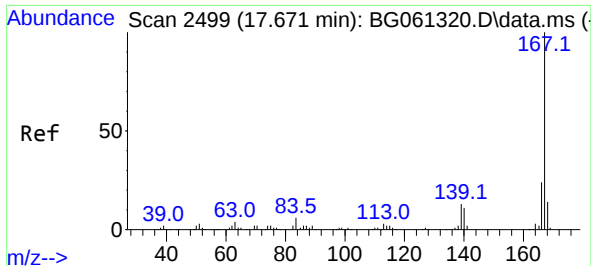
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#76
Pentachlorobenzene
Concen: 21.176 ng/uL
RT: 14.844 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:250 Resp: 70563
Ion Ratio Lower Upper
250 100
248 62.8 52.6 79.0
252 63.4 54.7 82.1





#77
 Carbazole
 Concen: 19.460 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.007 min
 Lab File: BG061330.D
 Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

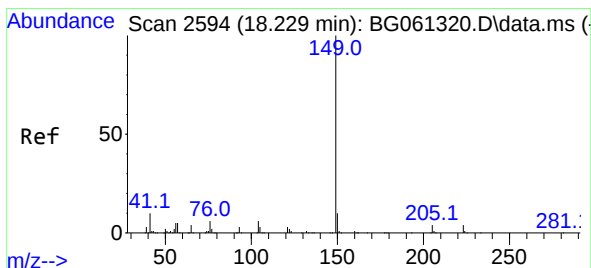
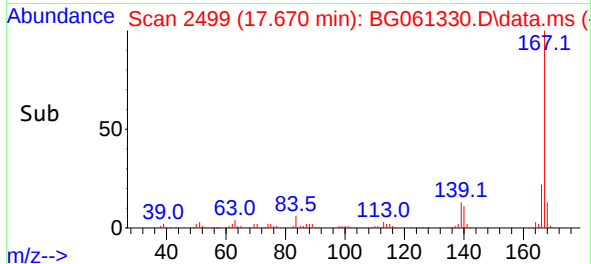
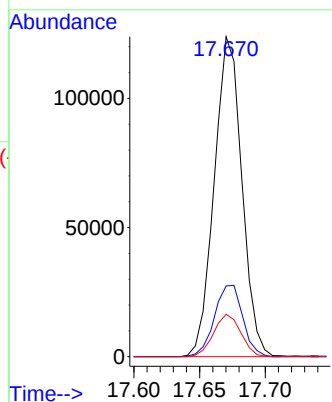
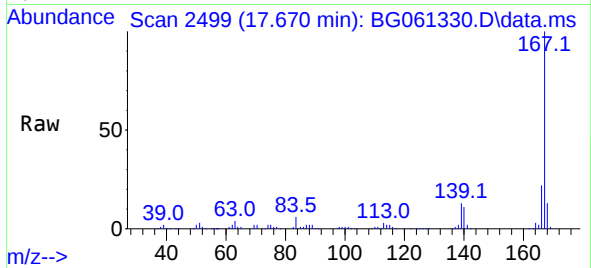
SSTD020501

Tgt Ion:167 Resp: 181108
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.6 28.0
 139 13.3 10.6 15.8

Manual Integrations

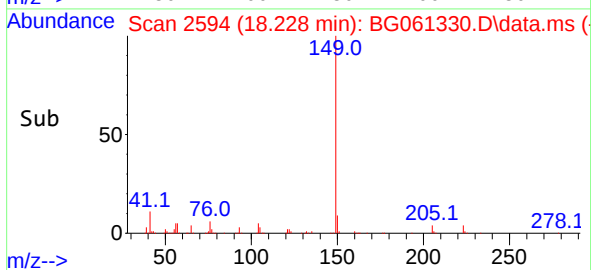
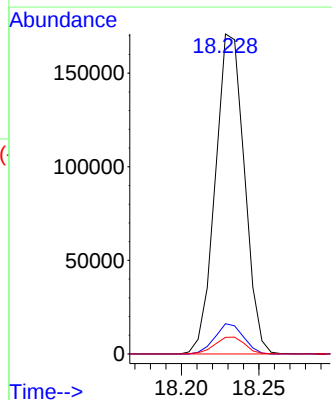
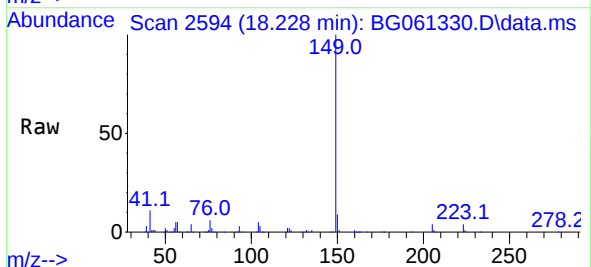
APPROVED

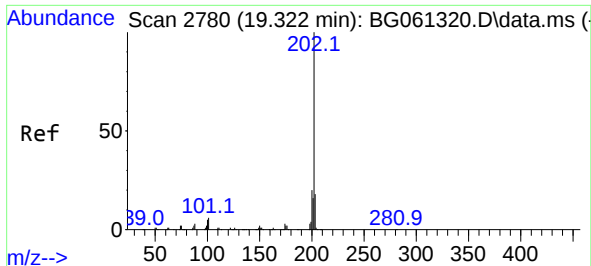
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



#78
 Di-n-butylphthalate
 Concen: 19.129 ng/ul
 RT: 18.228 min Scan# 2594
 Delta R.T. -0.007 min
 Lab File: BG061330.D
 Acq: 29 May 2024 15:56

Tgt Ion:149 Resp: 223076
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 5.2 4.8 7.2





#80
Fluoranthene
Concen: 19.040 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

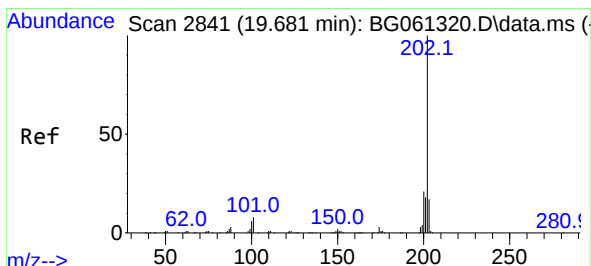
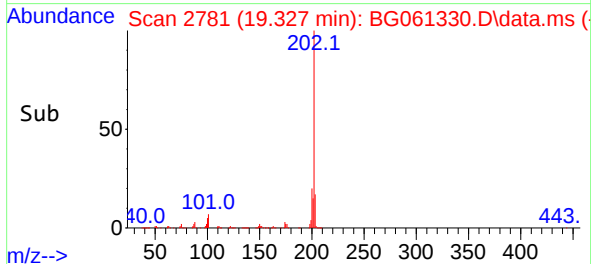
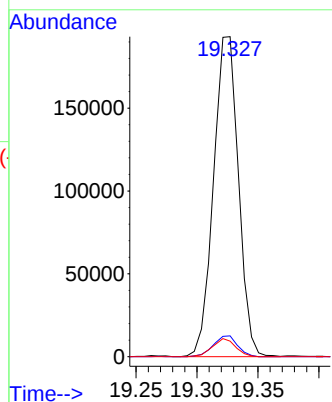
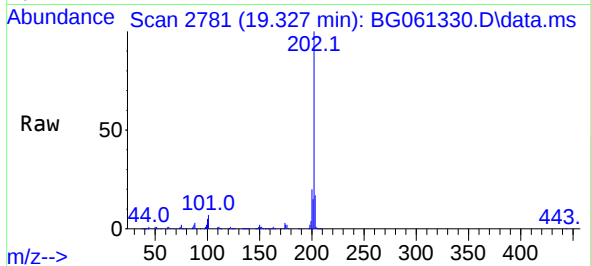
SSTD020501

Tgt Ion:202 Resp: 27495
Ion Ratio Lower Upper
202 100
101 6.5 4.8 7.2
100 4.9 4.1 6.1

Manual Integrations

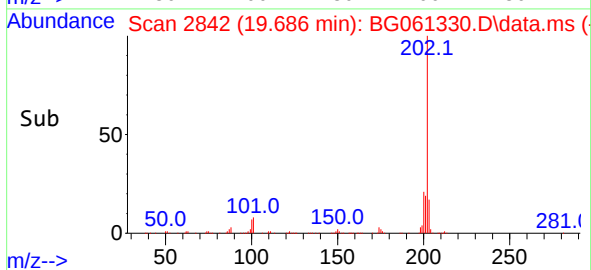
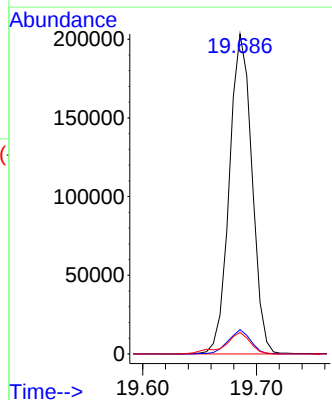
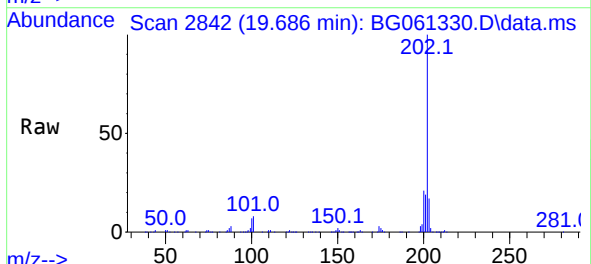
APPROVED

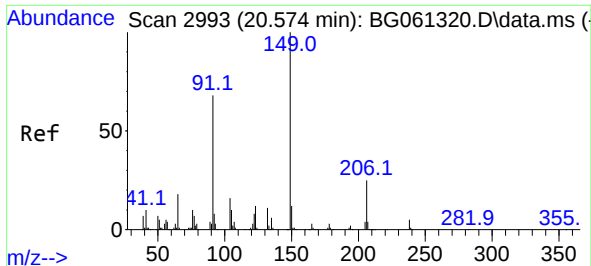
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 18.732 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:202 Resp: 280788
Ion Ratio Lower Upper
202 100
101 7.6 5.7 8.5
100 6.8 5.1 7.7





#83
Butylbenzylphthalate
Concen: 19.450 ng/ul
RT: 20.579 min Scan# 2994
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

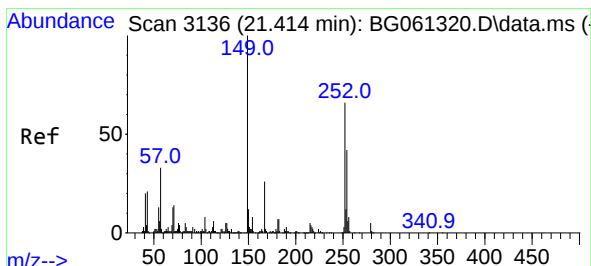
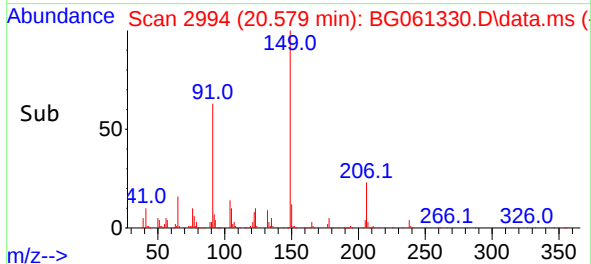
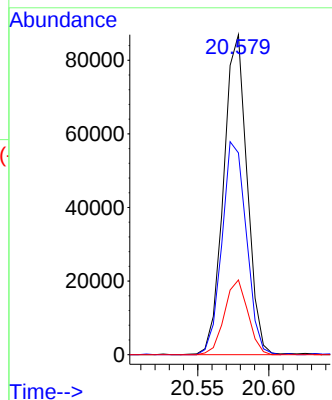
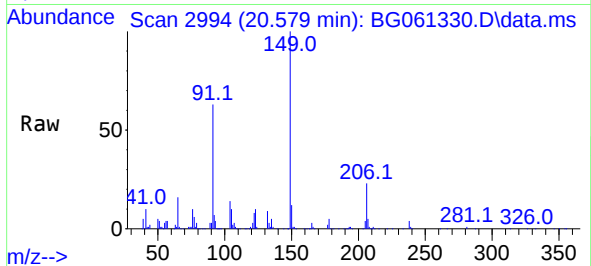
SSTD020501

Tgt Ion:149 Resp: 100150
Ion Ratio Lower Upper
149 100
91 63.1 54.8 82.2
206 23.3 19.4 29.0

Manual Integrations

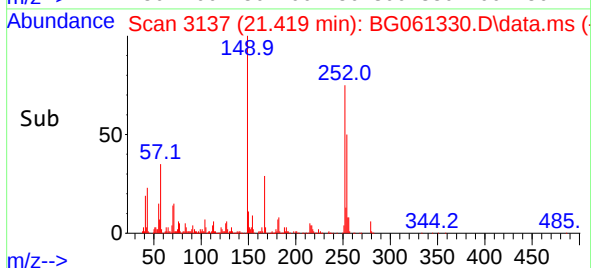
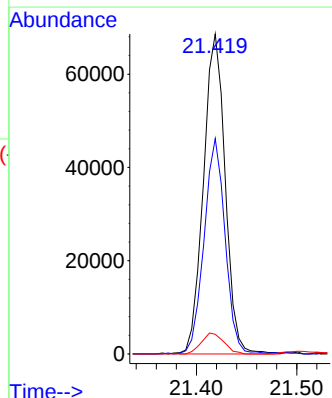
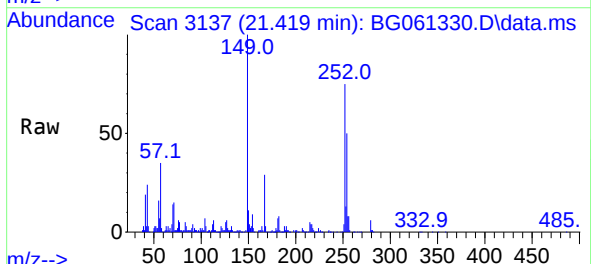
APPROVED

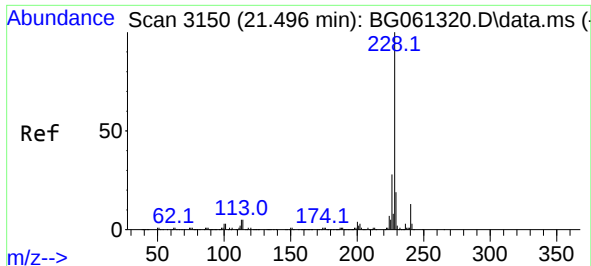
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#84
3,3'-Dichlorobenzidine
Concen: 20.785 ng/ul
RT: 21.419 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:252 Resp: 103438
Ion Ratio Lower Upper
252 100
254 67.3 52.7 79.1
126 6.1 5.0 7.6





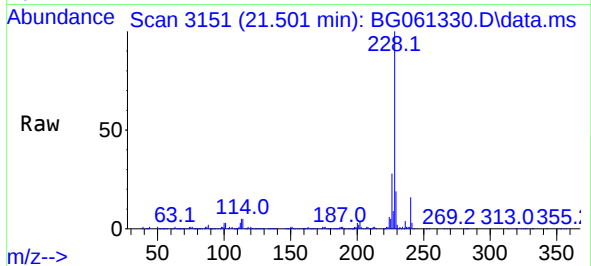
#85
Benzo(a)anthracene
Concen: 19.272 ng/ul
RT: 21.501 min Scan# 31177
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

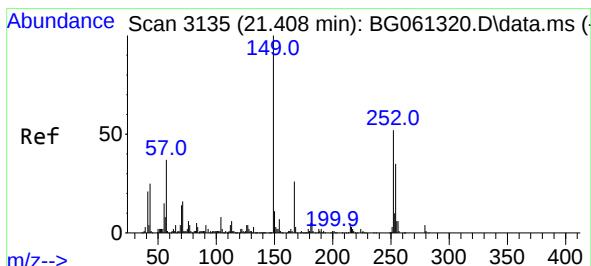
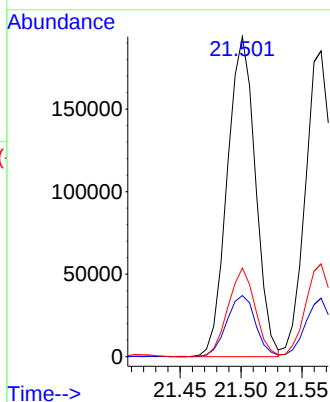
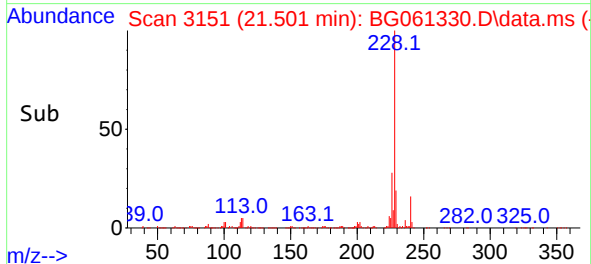


Tgt Ion:228 Resp: 31177
Ion Ratio Lower Upper
228 100
229 19.1 15.2 22.8
226 27.7 21.4 32.2

Manual Integrations

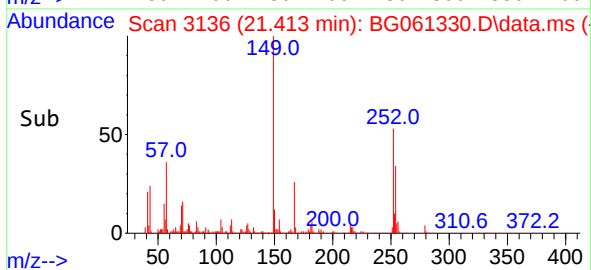
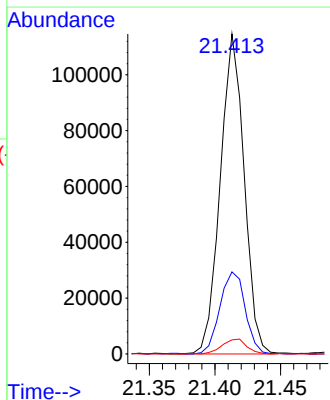
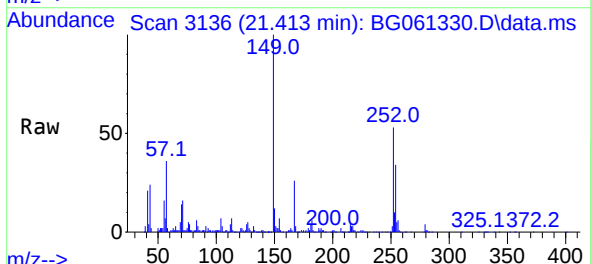
APPROVED

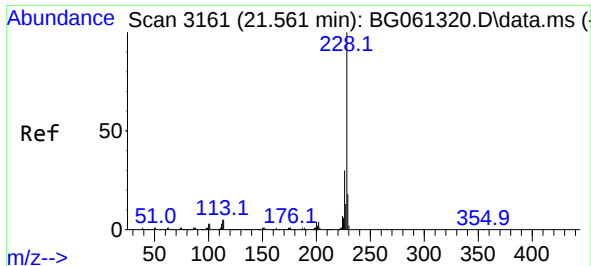
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.016 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

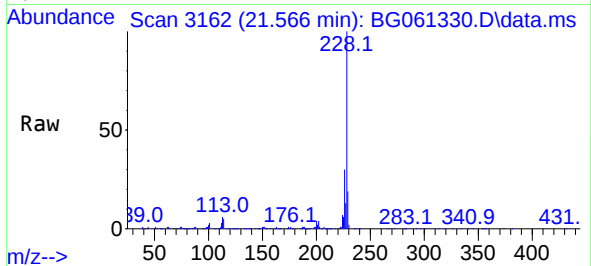
Tgt Ion:149 Resp: 144944
Ion Ratio Lower Upper
149 100
167 25.7 21.1 31.7
279 4.4 3.3 4.9





#87
Chrysene
Concen: 19.073 ng/ul
RT: 21.566 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

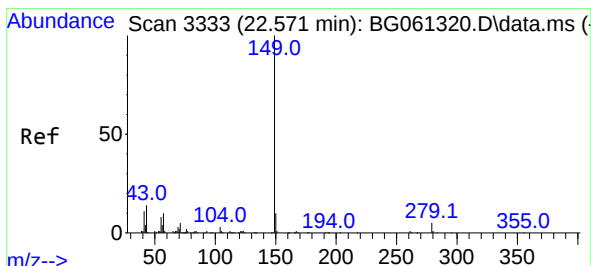
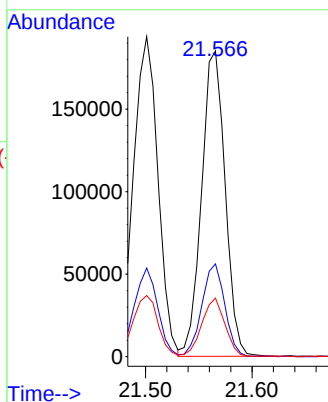
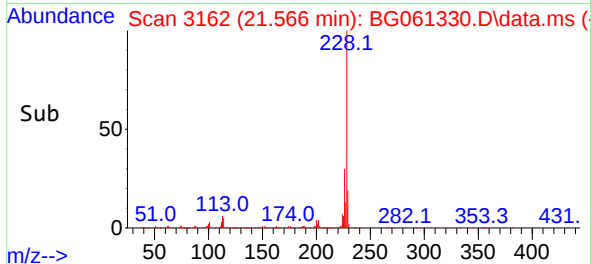
Instrument :
BNA_G
ClientSampleId :
SSTD020501



Tgt Ion:228 Resp: 284108
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 19.1 15.4 23.2

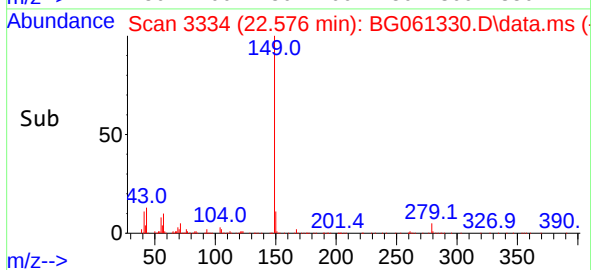
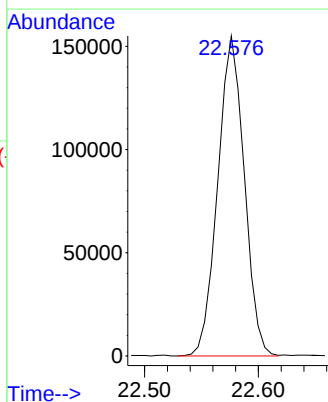
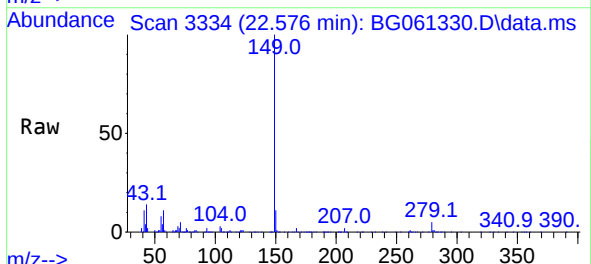
Manual Integrations
APPROVED

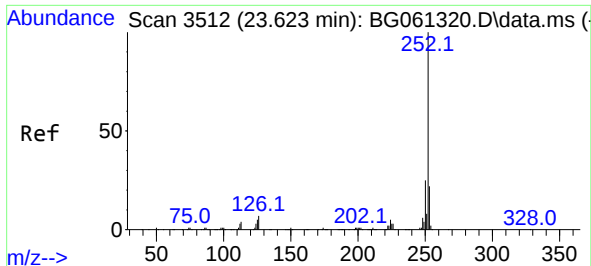
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#89
Di-n-octyl phthalate
Concen: 18.906 ng/ul
RT: 22.576 min Scan# 3334
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:149 Resp: 251293





#90
Benzo(b)fluoranthene
Concen: 18.615 ng/ul
RT: 23.628 min Scan# 3512
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

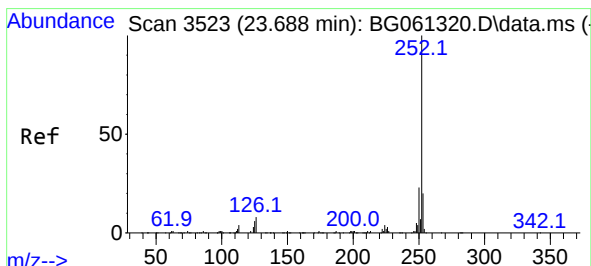
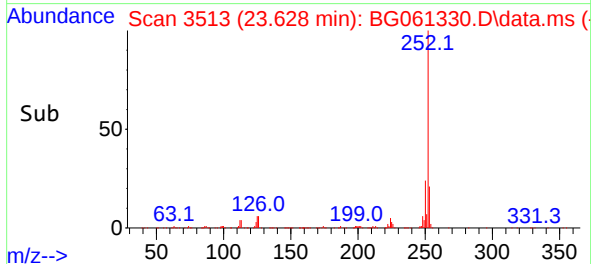
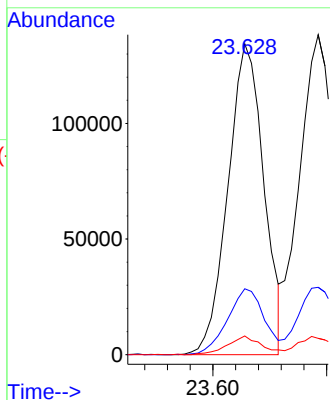
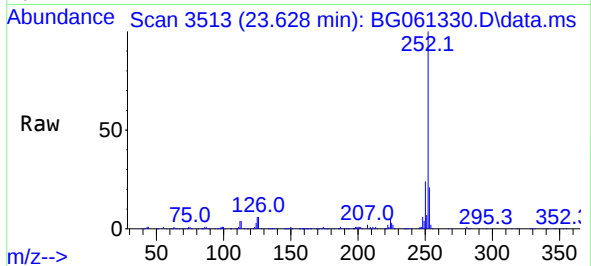
SSTD020501

Tgt Ion:252 Resp: 294460
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 6.0 4.6 6.8

Manual Integrations

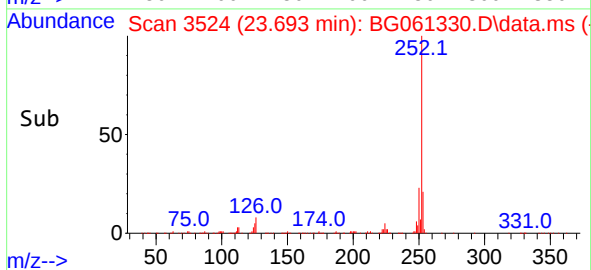
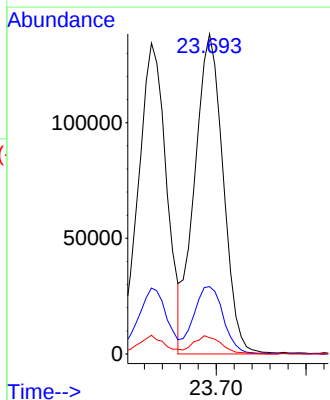
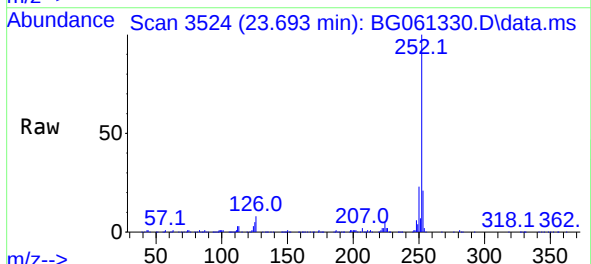
APPROVED

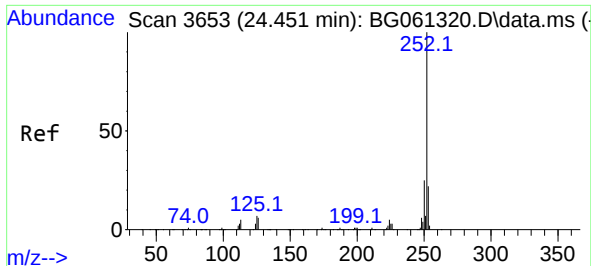
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#91
Benzo(k)fluoranthene
Concen: 19.049 ng/ul
RT: 23.693 min Scan# 3524
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Tgt Ion:252 Resp: 305897
Ion Ratio Lower Upper
252 100
253 21.1 16.0 24.0
125 5.1 4.3 6.5





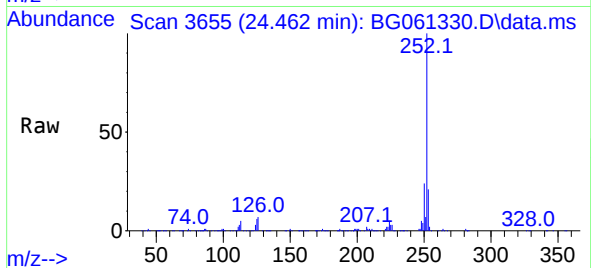
#93
Benzo(a)pyrene
Concen: 19.355 ng/u1
RT: 24.462 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

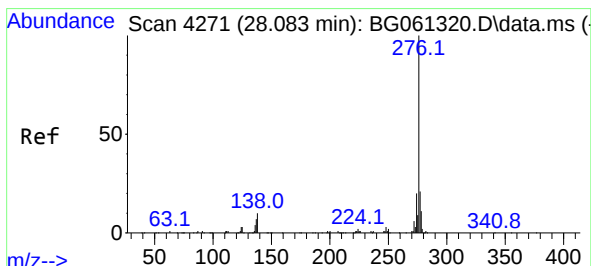
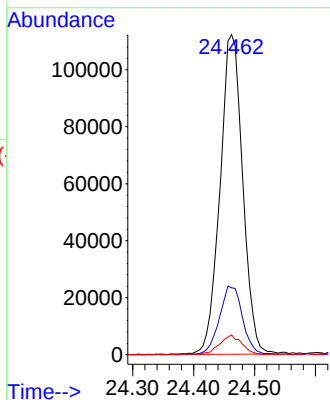
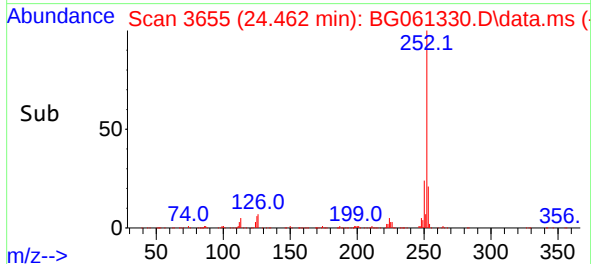


Tgt Ion:252 Resp: 290719
Ion Ratio Lower Upper
252 100
253 20.9 16.4 24.6
125 6.2 4.3 6.5

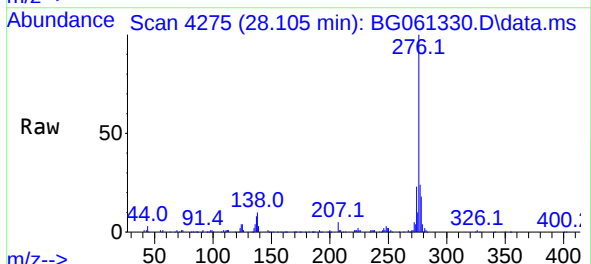
Manual Integrations

APPROVED

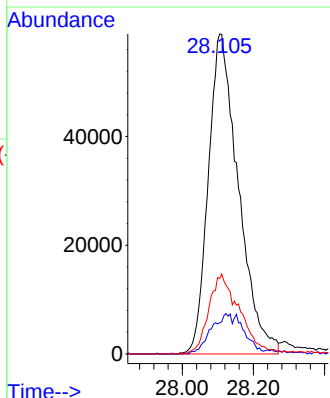
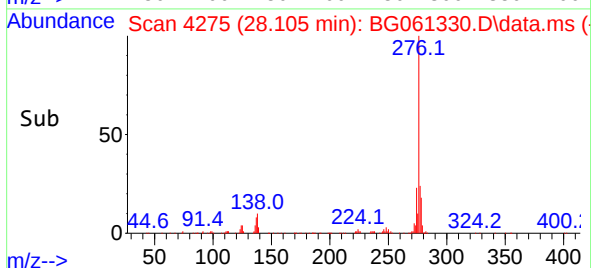
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

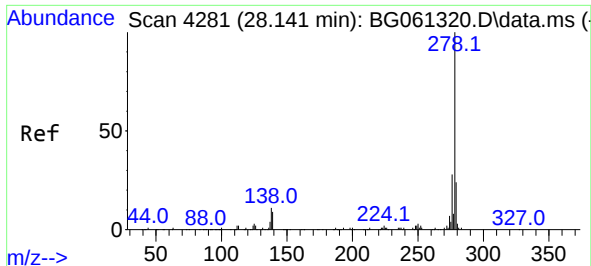


#94
Indeno(1,2,3-cd)pyrene
Concen: 19.040 ng/u1
RT: 28.105 min Scan# 4275
Delta R.T. -0.001 min
Lab File: BG061330.D
Acq: 29 May 2024 15:56



Tgt Ion:276 Resp: 345853
Ion Ratio Lower Upper
276 100
138 9.7 8.6 13.0
277 23.6 19.7 29.5





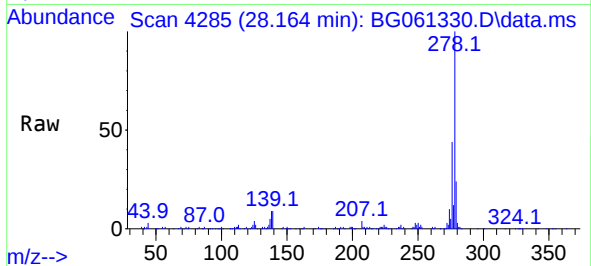
#95
 Dibenzo(a,h)anthracene
 Concen: 18.949 ng/ul
 RT: 28.164 min Scan# 41
 Delta R.T. 0.005 min
 Lab File: BG061330.D
 Acq: 29 May 2024 15:56

Instrument :

BNA_G

ClientSampleId :

SSTD020501

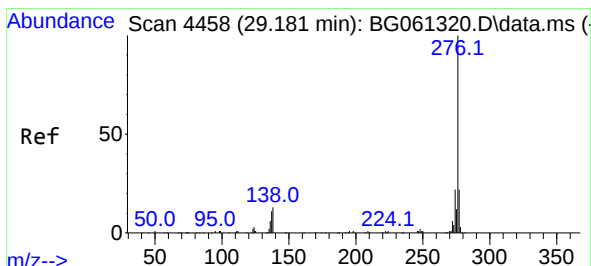
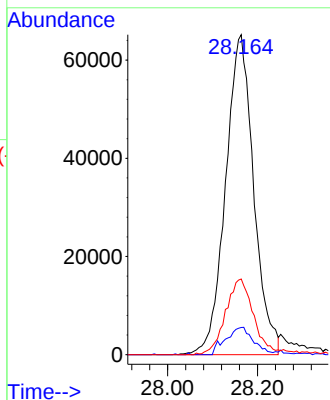
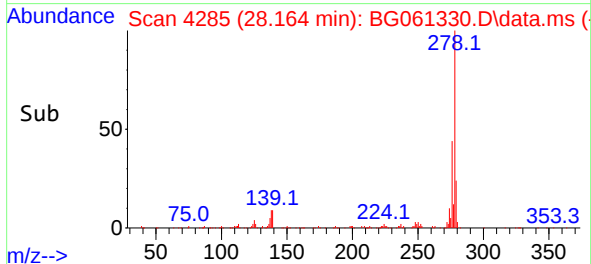


Tgt Ion:278 Resp: 283810
 Ion Ratio Lower Upper
 278 100
 139 8.5 6.4 9.6
 279 23.6 19.9 29.9

Manual Integrations

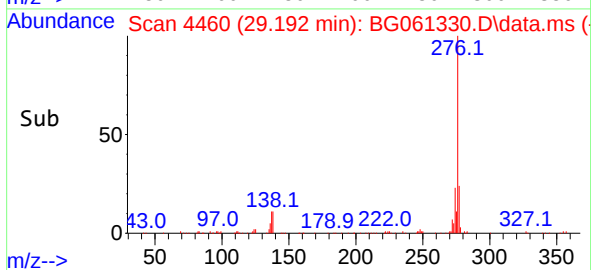
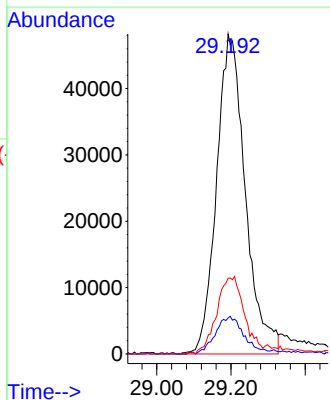
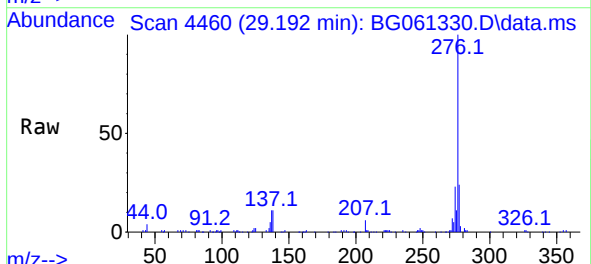
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



#96
 Benzo(g,h,i)perylene
 Concen: 17.932 ng/ul
 RT: 29.192 min Scan# 4460
 Delta R.T. -0.001 min
 Lab File: BG061330.D
 Acq: 29 May 2024 15:56

Tgt Ion:276 Resp: 259119
 Ion Ratio Lower Upper
 276 100
 138 11.3 8.7 13.1
 277 23.6 18.2 27.2



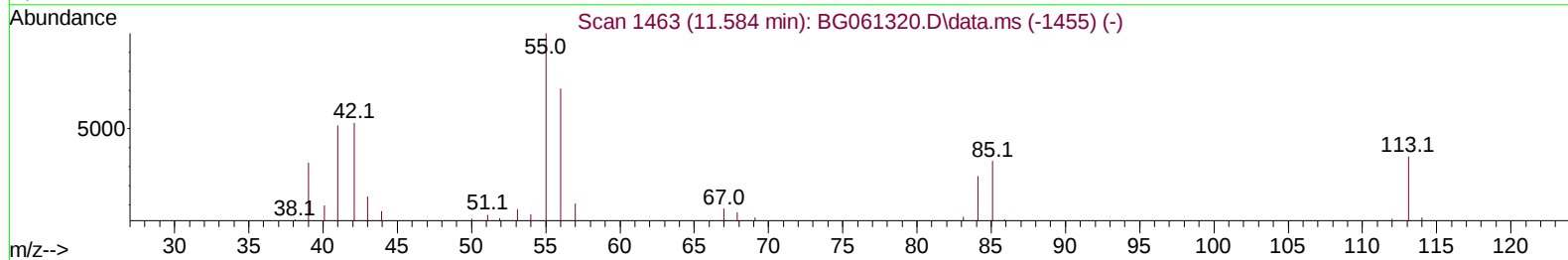
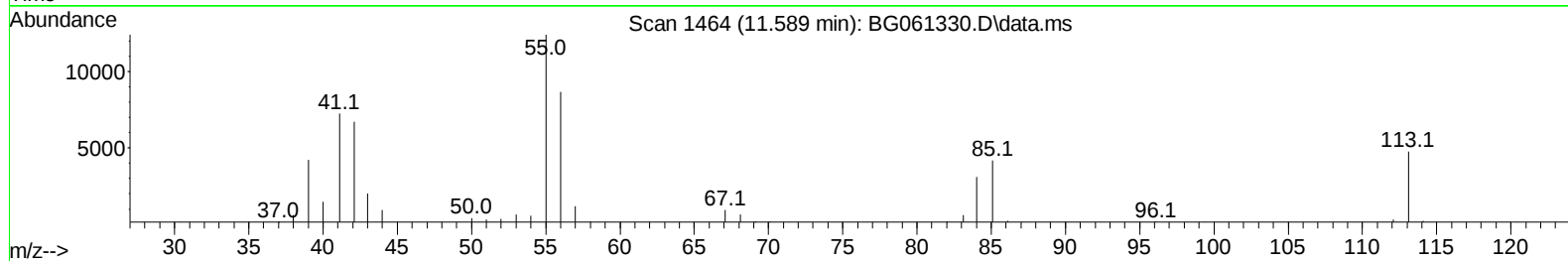
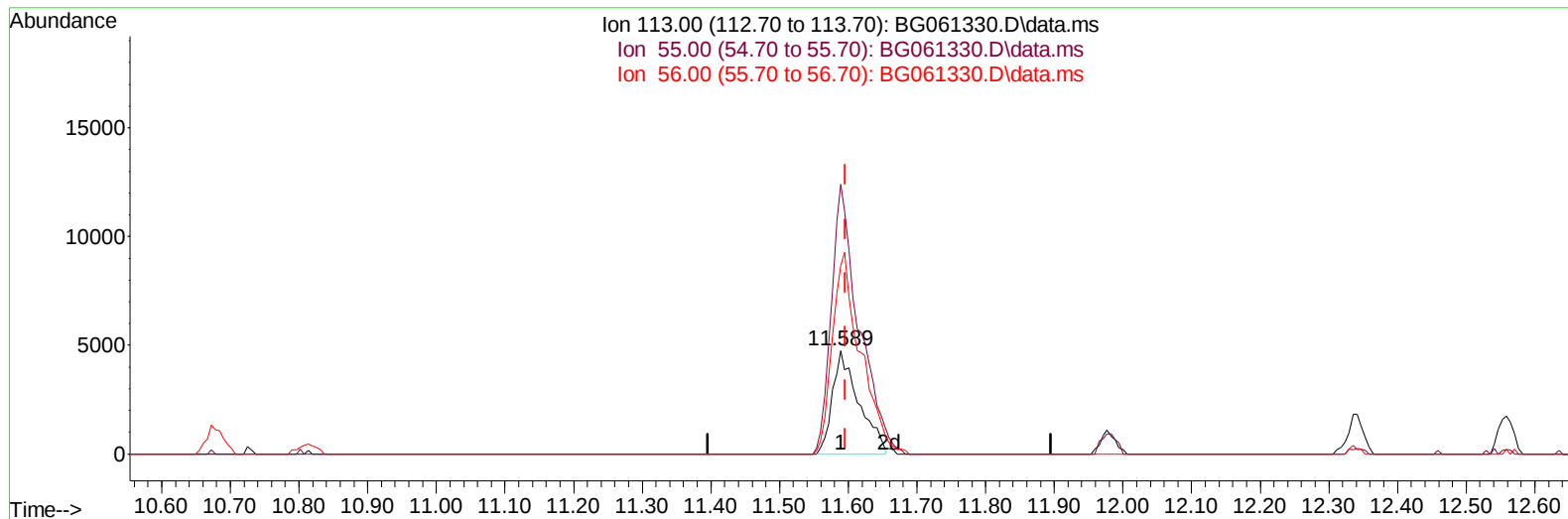
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061330.D
Acq On : 29 May 2024 15:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 16:44:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061330.D\data.ms

(34) Caprolactam

11.589min (-0.007) 16.17 ng/ul

response 12653

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	260.47
56.00	188.30	181.84
0.00	0.00	0.00

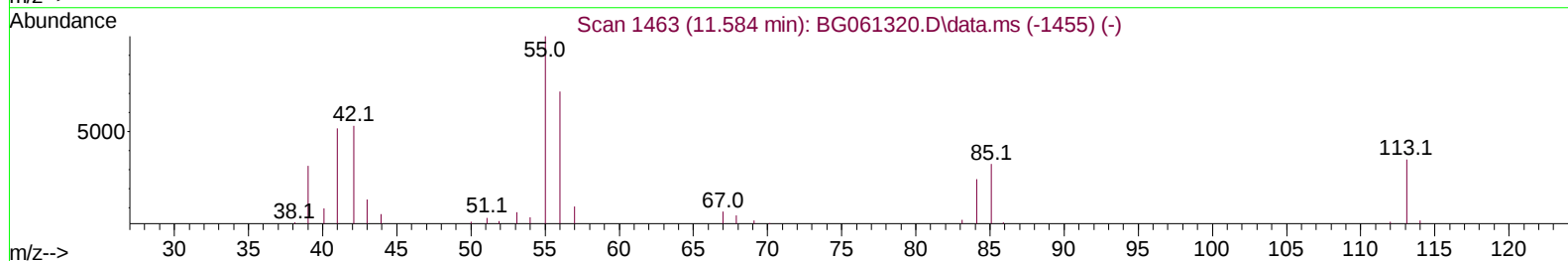
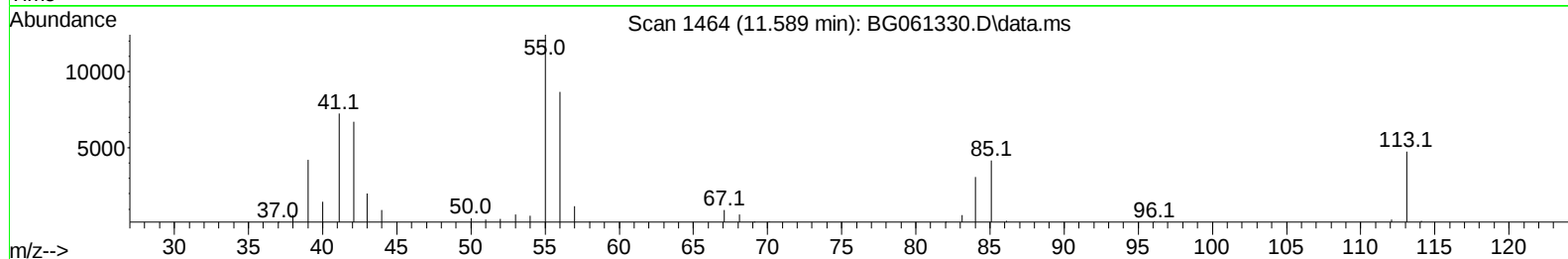
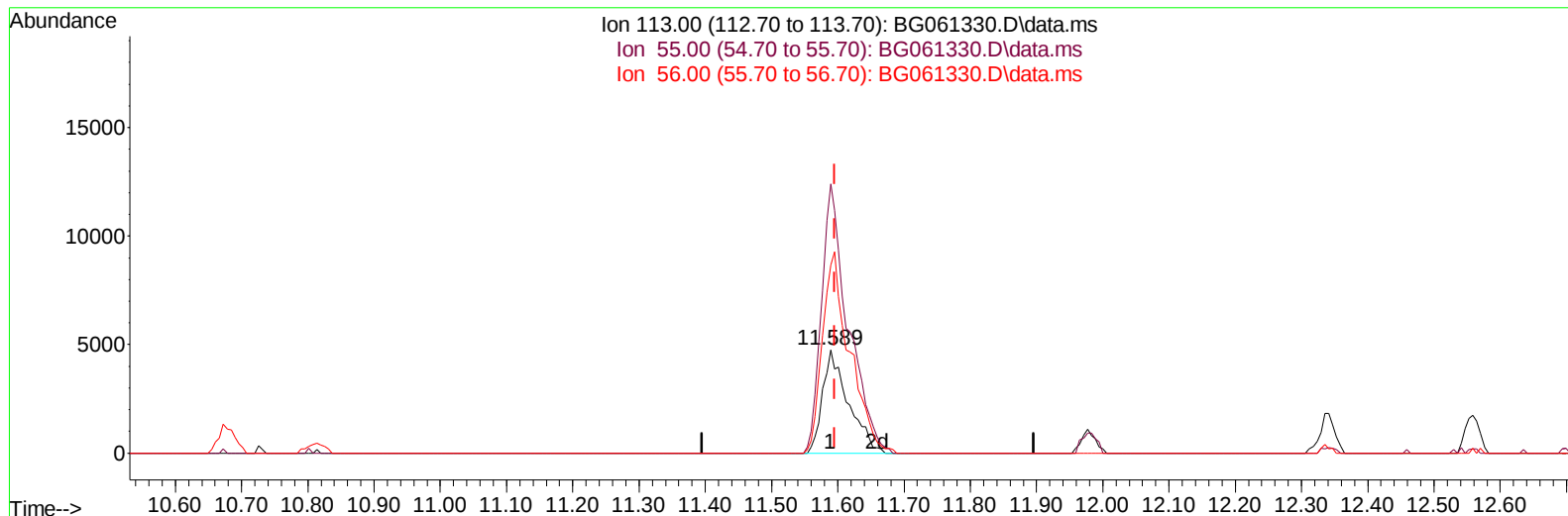
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Acq On : 29 May 2024 15:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 16:44:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061330.D\data.ms

(34) Caprolactam

11.589min (-0.007) 16.36 ng/ul m

response 12805

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	248.70	260.47
56.00	188.30	181.84
0.00	0.00	0.00

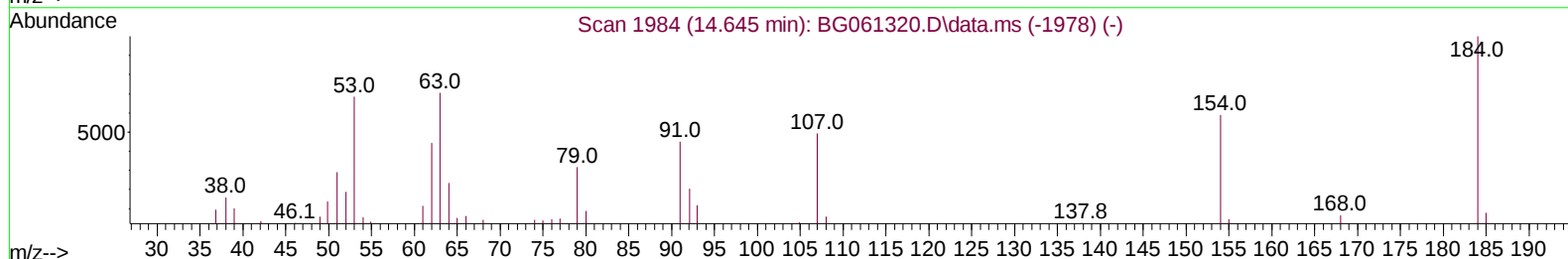
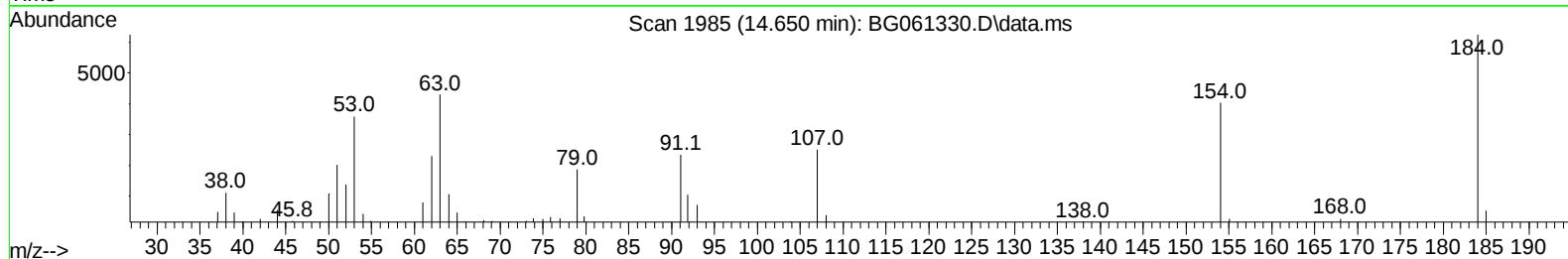
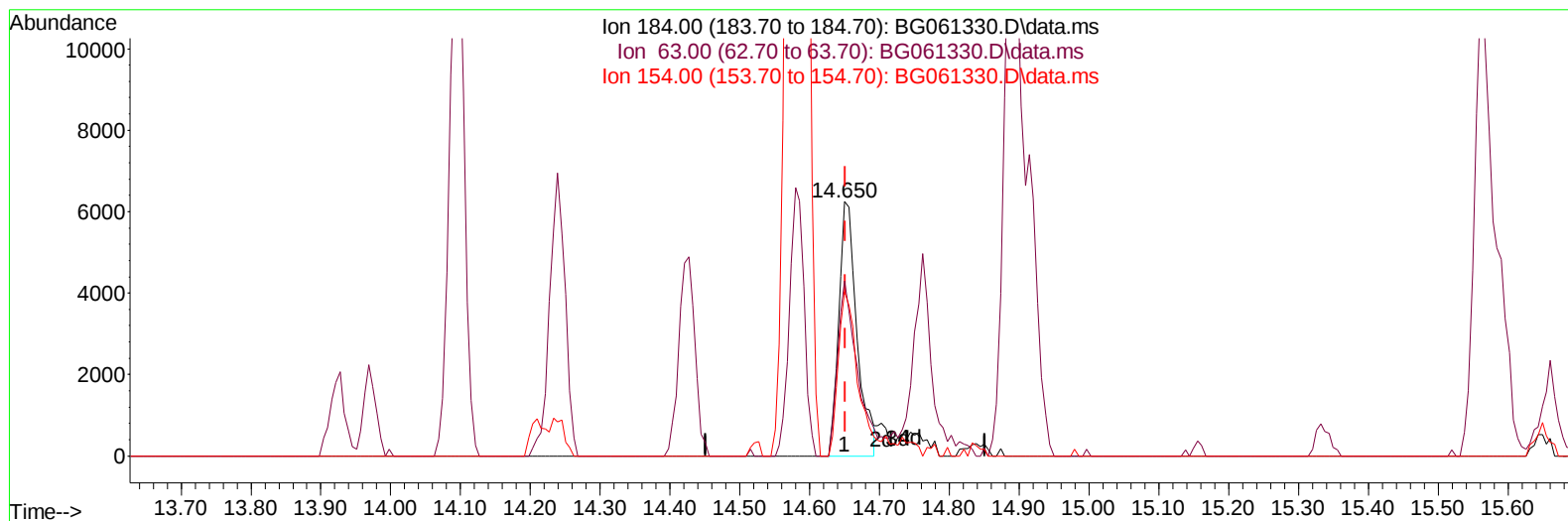
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061330.D
Acq On : 29 May 2024 15:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020501

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Supervised By :mohammad ahmed 06/01/2024



TIC: BG061330.D\data.ms

(53) 2,4-Dinitrophenol

14.650min (-0.001) 13.74 ng/ul

response 11251

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.60	68.80
154.00	68.70	64.51
0.00	0.00	0.00

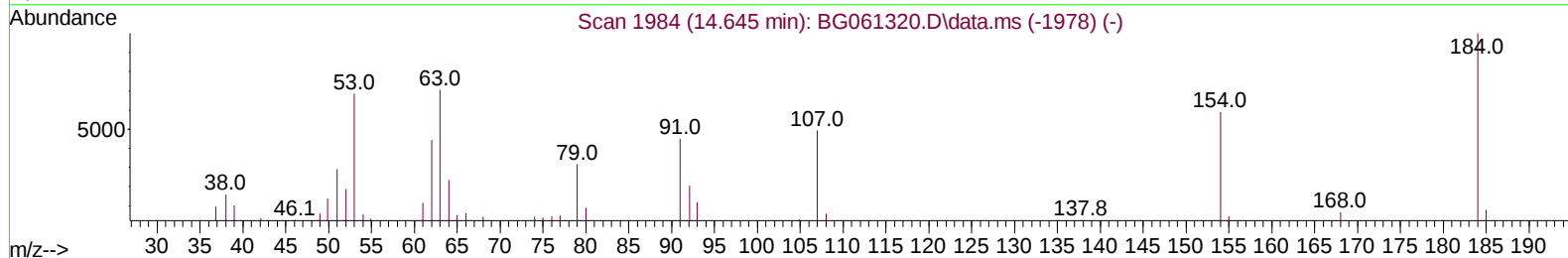
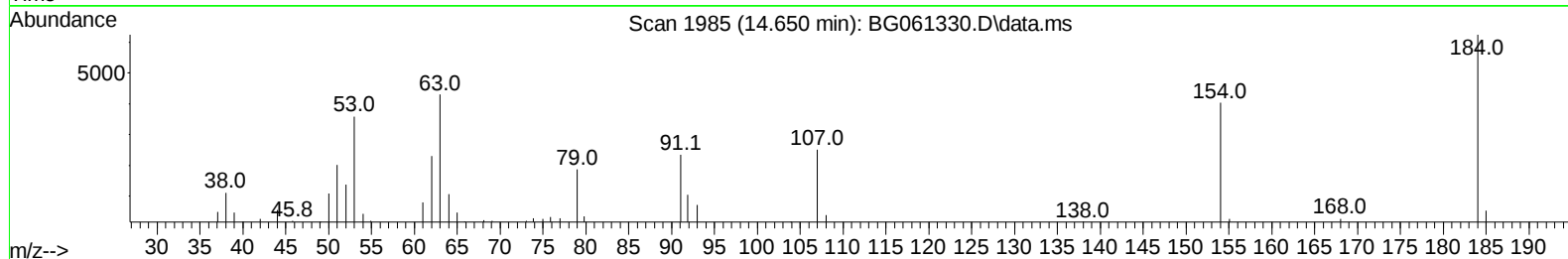
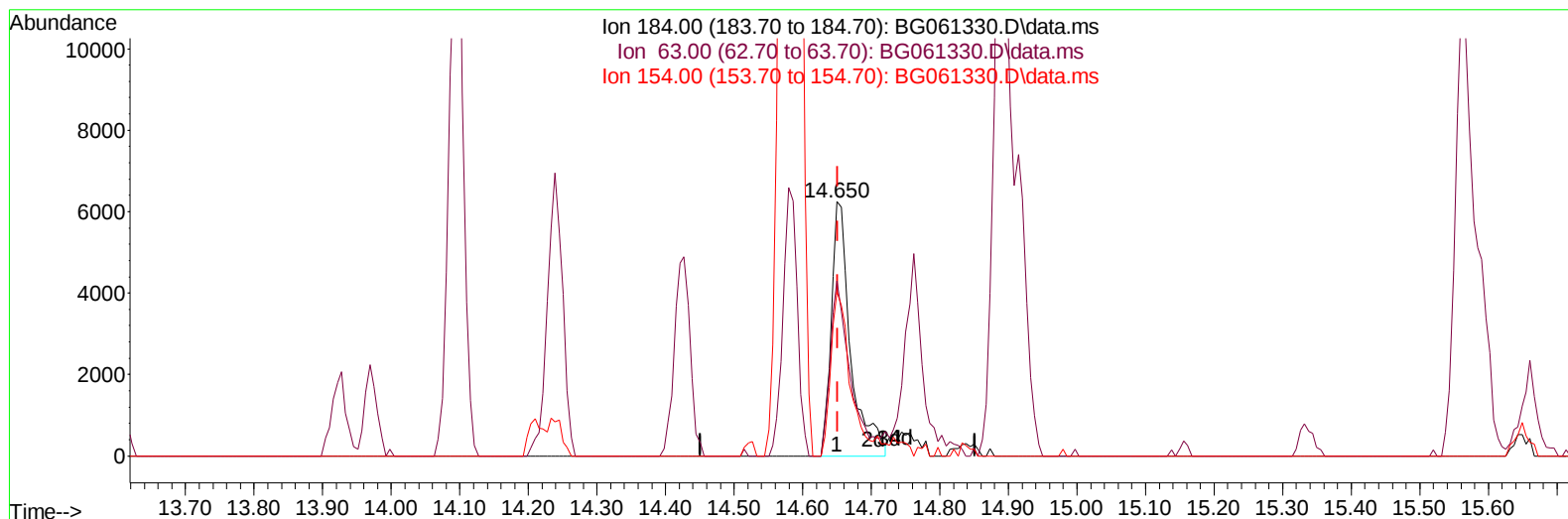
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061330.D
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG061330.D\data.ms

(53) 2,4-Dinitrophenol

14.650min (-0.001) 14.97 ng/ul m

response 12260

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.60	68.80
154.00	68.70	64.51
0.00	0.00	0.00

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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020501

Quant Time: May 29 16:48:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	126425	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	97423	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	228008	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	234448	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	265677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4235	8.007	ng/uL	0.00
4) Pyridine-d5	3.745	84	32202	17.113	ng/ul	0.00
7) Phenol-d5	7.065	99	44148	18.162	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	27797	18.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	34454	19.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	38070	18.367	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	18471	18.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	21374	18.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43929	19.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	52362	18.022	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	132913	17.591	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	155635	19.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	15587	16.686	ng/ul	0.00
60) Fluorene-d10	15.514	176	124515	19.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	20727	15.030	ng/ul	0.00
73) Anthracene-d10	17.365	188	194046	19.304	ng/ul	0.00
81) Pyrene-d10	19.656	212	228209	18.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	242879	19.016	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	4510	7.104	ng/ul#	82
5) Pyridine	3.769	79	32866	17.659	ng/ul	84
6) Benzaldehyde	7.024	77	26052	20.496	ng/ul	93
8) Phenol	7.089	94	46126	18.623	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.306	93	34354	18.963	ng/ul	90
12) 2-Chlorophenol	7.453	128	36665	19.285	ng/ul	96
13) 2-Methylphenol	8.334	108	35368	18.426	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	84685	17.308	ng/ul	98
16) Acetophenone	8.704	105	62698	17.724	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	31508	16.199	ng/ul	94
18) 4-Methylphenol	8.663	108	38857	18.271	ng/ul	95
19) Hexachloroethane	8.963	117	16712	19.756	ng/ul	91
22) Nitrobenzene	9.080	77	49327	18.476	ng/ul	98
23) Isophorone	9.603	82	89542	16.488	ng/ul	98
25) 2-Nitrophenol	9.791	139	23464	18.976	ng/ul	96
26) 2,4-Dimethylphenol	9.862	107	45762	18.678	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.085	93	49123	18.045	ng/ul#	97
29) 2,4-Dichlorophenol	10.338	162	40965	20.026	ng/ul	93
30) Naphthalene	10.731	128	130113	19.499	ng/ul	99
32) 4-Chloroaniline	10.837	127	52102	18.045	ng/ul	99
33) Hexachlorobutadiene	11.013	225	40270	20.141	ng/ul	96
34) Caprolactam	11.589	113	12805m	16.362	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	46000	17.396	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.341	142	89724	18.541	ng/ul	94
37) 1-Methylnaphthalene	12.559	142	88726	17.866	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.711	216	70293	21.854	ng/ul	97
40) Hexachlorocyclopentadiene	12.688	237	23941	16.490	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.958	196	37688	20.802	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	40042	20.987	ng/ul	96
43) 1,1'-Biphenyl	13.352	154	124817	19.813	ng/ul	95
44) 2-Chloronaphthalene	13.393	162	103707	20.919	ng/ul	98
45) 2-Nitroaniline	13.599	65	37517	18.336	ng/ul	98
47) Dimethylphthalate	13.975	163	138433	17.578	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	28624	18.534	ng/ul#	90
50) Acenaphthylene	14.239	152	168552	19.350	ng/ul	99
51) 3-Nitroaniline	14.427	138	25979	19.383	ng/ul	96
52) Acenaphthene	14.580	153	111857	19.575	ng/ul	96
53) 2,4-Dinitrophenol	14.650	184	12260m	14.970	ng/ul	
55) 4-Nitrophenol	14.762	109	18077	16.459	ng/ul	92
56) Dibenzofuran	14.921	168	155505	19.033	ng/ul	97
57) 2,4-Dinitrotoluene	14.891	165	41934	17.847	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	34278	19.699	ng/ul	95
59) Diethylphthalate	15.338	149	136368	17.535	ng/ul	98
61) Fluorene	15.567	166	133102	18.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.561	204	78185	18.859	ng/ul	99
63) 4-Nitroaniline	15.590	138	26716	19.138	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.667	198	21872	15.134	ng/ul	90
67) N-Nitrosodiphenylamine	15.778	169	115501	20.155	ng/ul	97
68) 4-Bromophenyl-phenylether	16.454	248	54746	20.264	ng/ul	93
69) Hexachlorobenzene	16.577	284	58852	19.598	ng/ul	97
70) Atrazine	16.724	200	42774	18.860	ng/ul	95
71) Pentachlorophenol	16.930	266	22364	21.398	ng/ul	94
72) Phenanthrene	17.312	178	212065	19.163	ng/ul	97
74) Anthracene	17.400	178	222789	19.471	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	70819	23.497	ng/uL	95
76) Pentachlorobenzene	14.844	250	70563	21.176	ng/uL	95
77) Carbazole	17.670	167	181108	19.460	ng/ul	98
78) Di-n-butylphthalate	18.228	149	223076	19.129	ng/ul	98
80) Fluoranthene	19.327	202	274951	19.040	ng/ul	99
82) Pyrene	19.686	202	280788	18.732	ng/ul	99
83) Butylbenzylphthalate	20.579	149	100156	19.450	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.419	252	103438	20.785	ng/ul	98
85) Benzo(a)anthracene	21.501	228	311771	19.272	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	144944	19.016	ng/ul	99
87) Chrysene	21.566	228	284108	19.073	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	251293	18.906	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	294460	18.615	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	305897	19.049	ng/ul	98
93) Benzo(a)pyrene	24.462	252	290719	19.355	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.105	276	345853	19.040	ng/ul	98
95) Dibenzo(a,h)anthracene	28.164	278	283810	18.949	ng/ul	98
96) Benzo(g,h,i)perylene	29.192	276	259119	17.932	ng/ul	98

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

Instrument :

BNA_G

ClientSampleId :

SSTD020501

Manual Integrations

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