

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061016.D
 Acq On : 23 Apr 2024 20:44
 Operator : MA/JU
 Sample : P2189-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:17:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	26292	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	99997	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	80046	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	191712	20.000	ng	0.00
76) Chrysene-d12	21.580	240	191168	20.000	ng	0.00
86) Perylene-d12	24.706	264	233270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	121670	93.606	ng	0.01
7) Phenol-d6	7.168	99	115134m	59.699	ng	0.06
23) Nitrobenzene-d5	9.101	82	125479	56.378	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	189502	107.809	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	389574	67.358	ng	0.00
79) Terphenyl-d14	19.941	244	933746	75.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	13419	29.830	ng	# 19
3) Pyridine	3.854	79	26993	19.412	ng	96
4) n-Nitrosodimethylamine	3.760	42	41081	32.848	ng	# 97
6) Aniline	7.274	93	12271	5.294	ng	# 91
8) 2-Chlorophenol	7.520	128	52259	32.267	ng	92
9) Benzaldehyde	7.080	77	2592	2.613	ng	95
10) Phenol	7.197	94	42227m	22.038	ng	
11) bis(2-Chloroethyl)ether	7.368	93	39158	28.564	ng	95
12) 1,3-Dichlorobenzene	7.832	146	56146	31.261	ng	96
13) 1,4-Dichlorobenzene	7.979	146	57340	30.995	ng	99
14) 1,2-Dichlorobenzene	8.296	146	53998	29.867	ng	95
15) Benzyl Alcohol	8.184	79	56420	30.985	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.460	45	82851	27.763	ng	87
17) 2-Methylphenol	8.437	107	37621m	24.317	ng	
18) Hexachloroethane	9.024	117	20487	30.733	ng	95
19) n-Nitroso-di-n-propyla...	8.748	70	38086	26.499	ng	# 97
20) 3+4-Methylphenols	8.778	107	59171m	27.347	ng	
22) Acetophenone	8.760	105	84887	30.401	ng	98
24) Nitrobenzene	9.142	77	61857	28.923	ng	100
25) Isophorone	9.659	82	109741	29.463	ng	97
26) 2-Nitrophenol	9.853	139	31944	31.780	ng	98
27) 2,4-Dimethylphenol	9.976	122	45955	28.524	ng	99
28) bis(2-Chloroethoxy)met...	10.147	93	59152	30.189	ng	# 94
29) 2,4-Dichlorophenol	10.470	162	67656	36.385	ng	98
30) 1,2,4-Trichlorobenzene	10.599	180	71022	34.618	ng	93
31) Naphthalene	10.787	128	175374	32.034	ng	97
32) Benzoic acid	10.153	122	45039m	36.690	ng	
33) 4-Chloroaniline	10.905	127	18933	7.613	ng	# 93
34) Hexachlorobutadiene	11.075	225	58590	32.473	ng	96
35) Caprolactam	11.680	113	17948	30.304	ng	# 73
36) 4-Chloro-3-methylphenol	12.115	107	82115	37.864	ng	92
37) 2-Methylnaphthalene	12.397	142	135598	31.502	ng	97
38) 1-Methylnaphthalene	12.620	142	124397m	30.969	ng	
40) 1,2,4,5-Tetrachloroben...	12.773	216	106950	37.597	ng	99
41) Hexachlorocyclopentadiene	12.755	237	68328	40.822	ng	97
43) 2,4,6-Trichlorophenol	13.008	196	75259	40.247	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	83710	37.845	ng	97
46) 1,1'-Biphenyl	13.408	154	200347	37.158	ng	98
47) 2-Chloronaphthalene	13.449	162	158479	38.335	ng	95
48) 2-Nitroaniline	13.648	65	62263	37.318	ng	96
49) Acenaphthylene	14.295	152	250280	35.947	ng	99
50) Dimethylphthalate	14.030	163	239182	36.236	ng	98
51) 2,6-Dinitrotoluene	14.142	165	50412	36.603	ng	98
52) Acenaphthene	14.635	154	152984	36.161	ng	96
53) 3-Nitroaniline	14.471	138	31412	23.130	ng	97
54) 2,4-Dinitrophenol	14.682	184	34387	41.223	ng	89
55) Dibenzofuran	14.970	168	268354	36.734	ng	98
56) 4-Nitrophenol	14.794	139	73109	75.142	ng	97
57) 2,4-Dinitrotoluene	14.935	165	74091	37.352	ng	93
58) Fluorene	15.623	166	228255	37.018	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	85368	38.239	ng	100
60) Diethylphthalate	15.399	149	228812	35.200	ng	97
61) 4-Chlorophenyl-phenyle...	15.617	204	136578	35.914	ng	96
62) 4-Nitroaniline	15.634	138	44263	30.227	ng	93
63) Azobenzene	15.910	77	190008	35.937	ng	96
65) 4,6-Dinitro-2-methylph...	15.699	198	29409	24.844	ng	96
66) n-Nitrosodiphenylamine	15.828	169	207712	39.326	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	101654	40.177	ng	99
68) Hexachlorobenzene	16.627	284	123705	44.264	ng	98
69) Atrazine	16.780	200	71011	35.922	ng	93
70) Pentachlorophenol	16.974	266	155967	85.109	ng	97
71) Phenanthrene	17.362	178	397010	40.571	ng	98
72) Anthracene	17.456	178	376343	37.342	ng	100
73) Carbazole	17.720	167	337652	40.340	ng	99
74) Di-n-butylphthalate	18.290	149	388353	38.216	ng	100
75) Fluoranthene	19.377	202	513224	39.519	ng	98
77) Benzidine	19.553	184	69340	19.576	ng	99
78) Pyrene	19.735	202	524985	40.332	ng	99
80) Butylbenzylphthalate	20.634	149	170572	39.316	ng	96
81) Benzo(a)anthracene	21.563	228	555777	41.352	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	157339	32.393	ng	99
83) Chrysene	21.627	228	522627	40.842	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	241537	38.293	ng	99
85) Di-n-octyl phthalate	22.673	149	406280	38.796	ng	98
87) Indeno(1,2,3-cd)pyrene	28.255	276	651464	40.258	ng	# 89
88) Benzo(b)fluoranthene	23.719	252	561229	42.455	ng	100
89) Benzo(k)fluoranthene	23.789	252	543268	40.711	ng	99
90) Benzo(a)pyrene	24.559	252	482567	37.714	ng	99
91) Dibenzo(a,h)anthracene	28.331	278	558833	42.269	ng	96
92) Benzo(g,h,i)perylene	29.359	276	459504	35.053	ng	100

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

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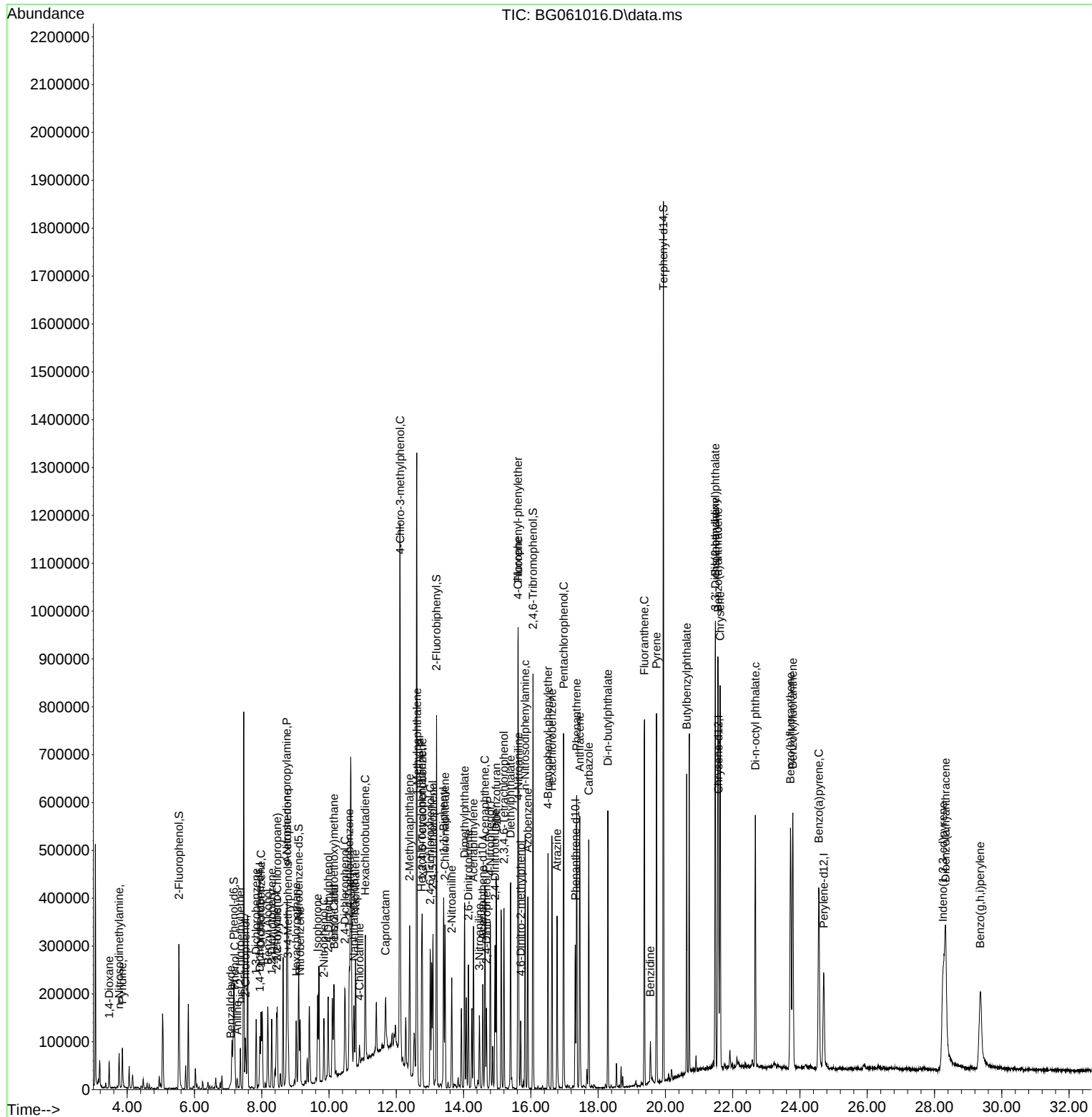
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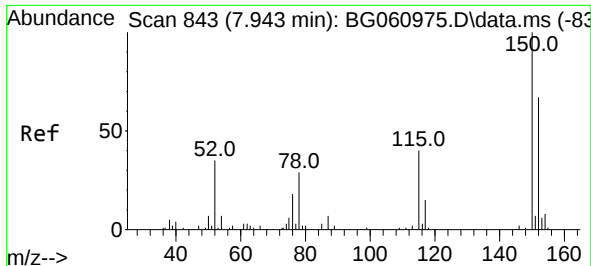
Manual Integrations

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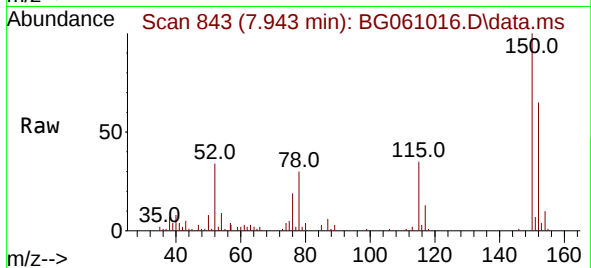
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.943 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44

Instrument :

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ClientSampleId :

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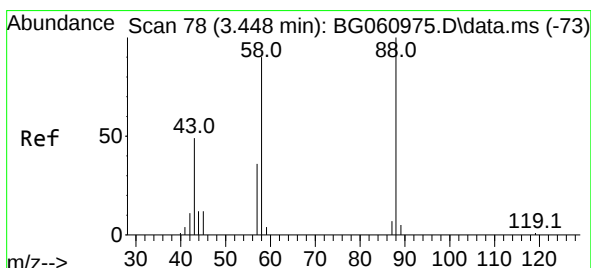
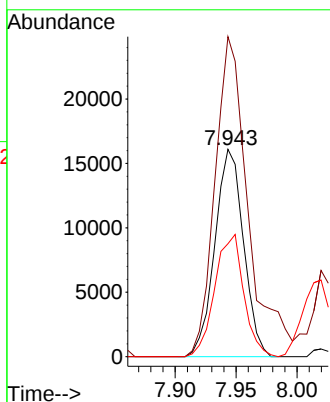
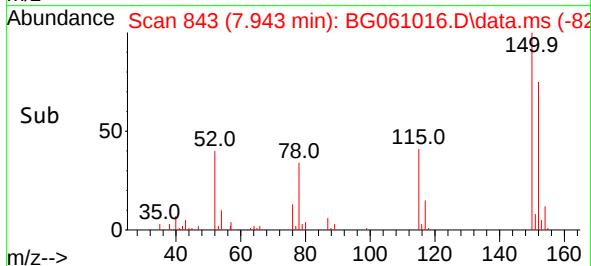


Tgt Ion:152 Resp: 26292
 Ion Ratio Lower Upper
 152 100
 150 154.3 118.6 178.0
 115 54.5 47.4 71.0

Manual Integrations

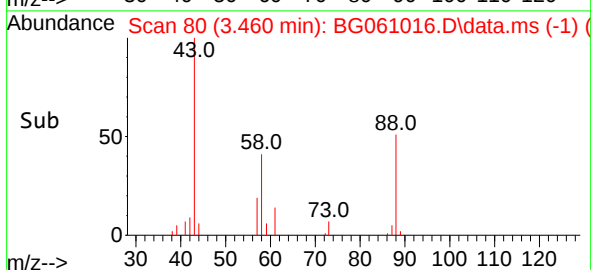
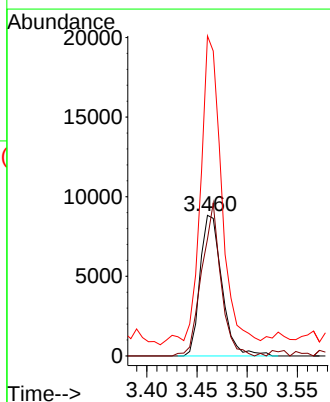
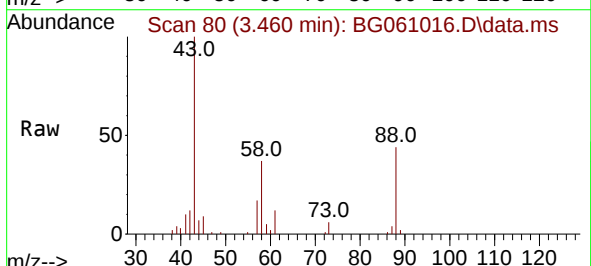
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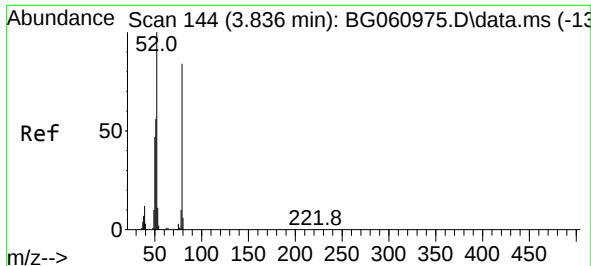
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#2
 1,4-Dioxane
 Concen: 29.830 ng
 RT: 3.460 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44

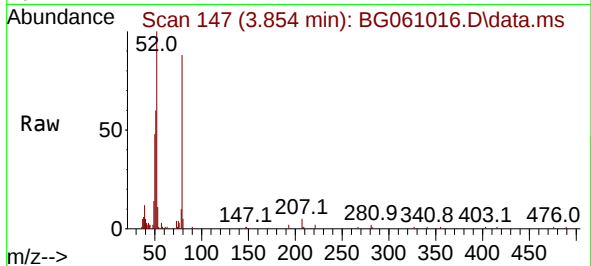
Tgt Ion: 88 Resp: 13419
 Ion Ratio Lower Upper
 88 100
 58 95.3 80.2 120.2
 43 212.4 43.4 65.0#





#3
Pyridine
Concen: 19.412 ng
RT: 3.854 min Scan# 144
Delta R.T. 0.018 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

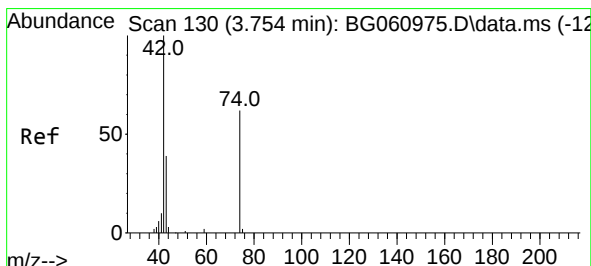
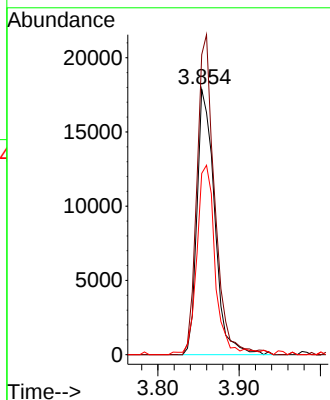
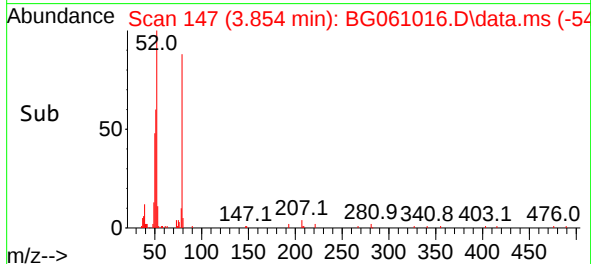
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 2699
Ion Ratio Lower Upper
79 100
52 113.1 95.0 142.6
51 68.3 53.3 79.9

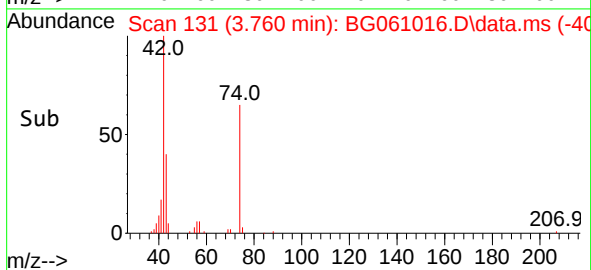
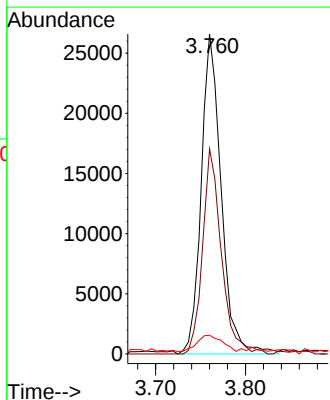
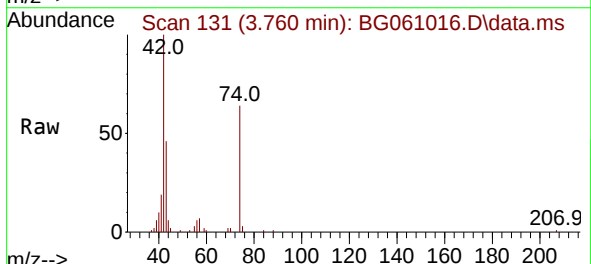
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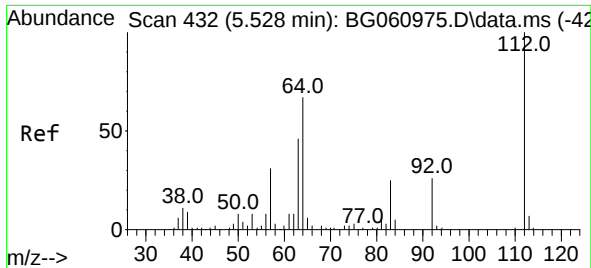
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 32.848 ng
RT: 3.760 min Scan# 131
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion: 42 Resp: 41081
Ion Ratio Lower Upper
42 100
74 64.1 49.8 74.6
44 5.9 3.8 5.6#





#5
2-Fluorophenol
Concen: 93.606 ng
RT: 5.540 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

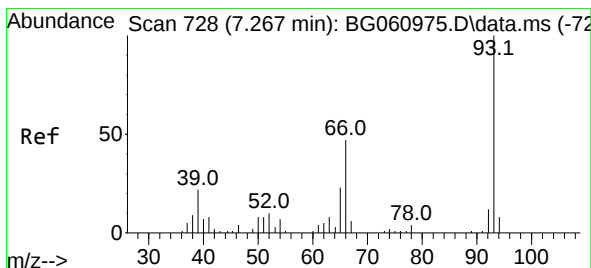
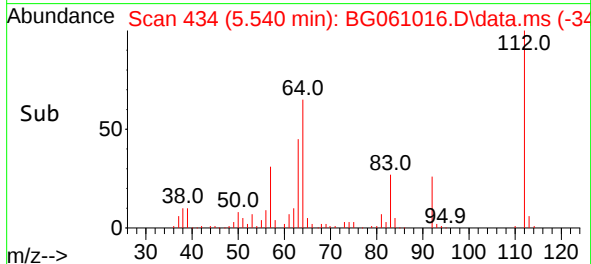
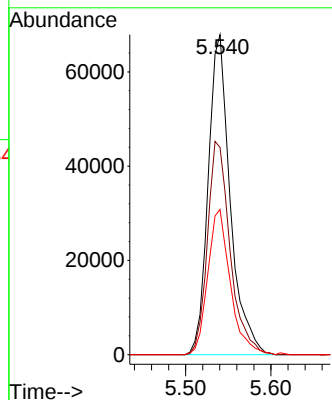
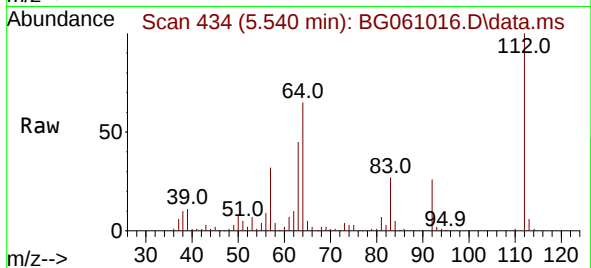
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Tgt Ion:112 Resp: 121670
Ion Ratio Lower Upper
112 100
64 64.7 53.7 80.5
63 45.4 37.0 55.6

Manual Integrations

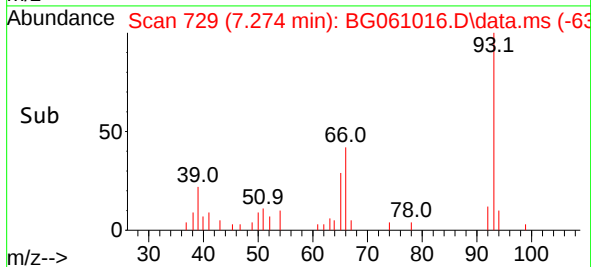
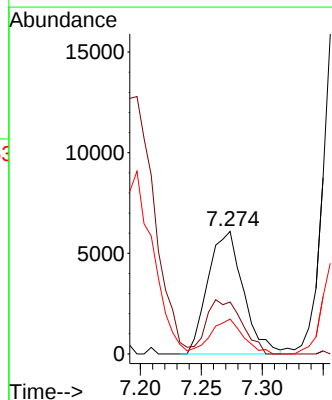
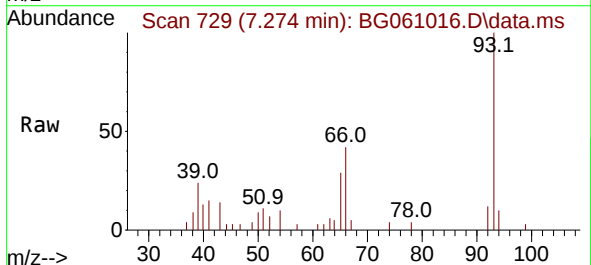
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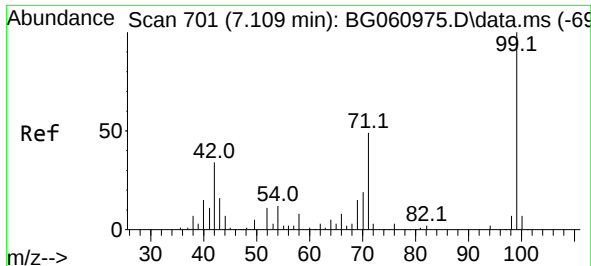
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#6
Aniline
Concen: 5.294 ng
RT: 7.274 min Scan# 729
Delta R.T. 0.006 min
Lab File: BG061016.D
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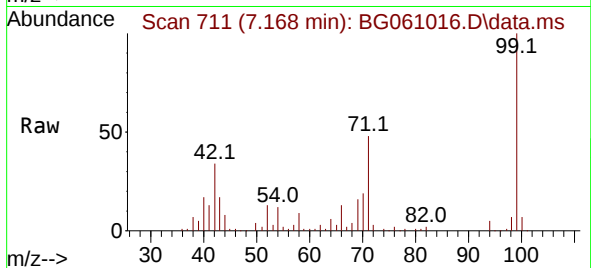
Tgt Ion: 93 Resp: 12271
Ion Ratio Lower Upper
93 100
66 42.4 37.9 56.9
65 28.5 18.2 27.4#





#7
Phenol-d6
Concen: 59.699 ng m
RT: 7.168 min Scan# 711
Delta R.T. 0.059 min
Lab File: BG061016.D
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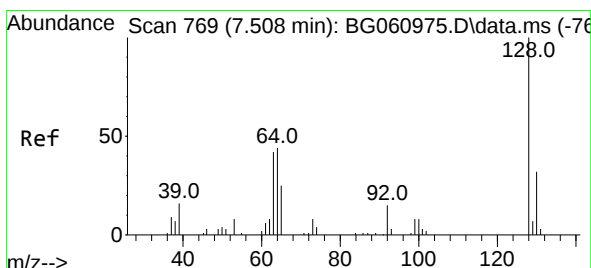
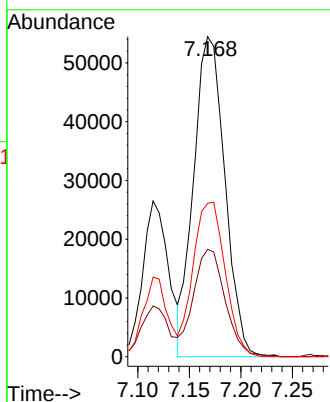
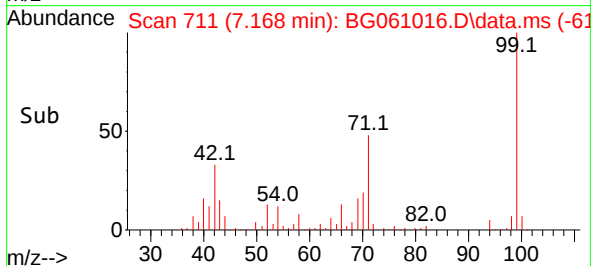
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Tgt Ion: 99 Resp: 115134
Ion Ratio Lower Upper
99 100
42 33.6 27.2 40.8
71 48.0 38.8 58.2

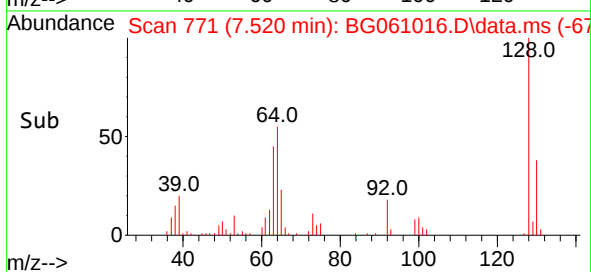
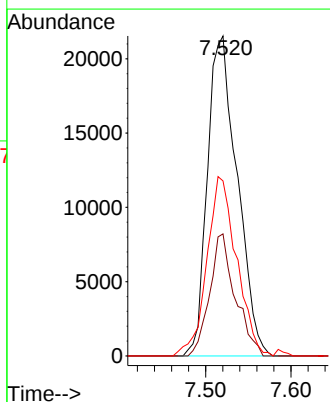
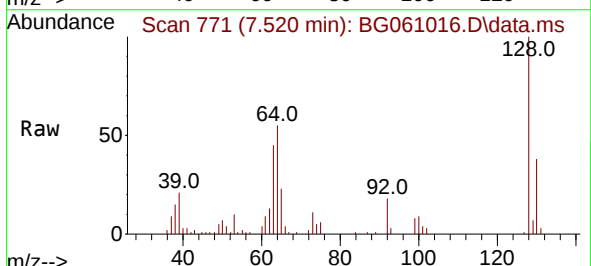
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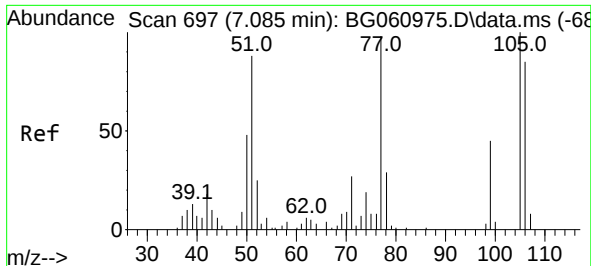
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 32.267 ng
RT: 7.520 min Scan# 771
Delta R.T. 0.012 min
Lab File: BG061016.D
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Tgt Ion:128 Resp: 52259
Ion Ratio Lower Upper
128 100
130 38.1 12.2 52.2
64 54.7 30.8 70.8





#9
Benzaldehyde
Concen: 2.613 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG061016.D
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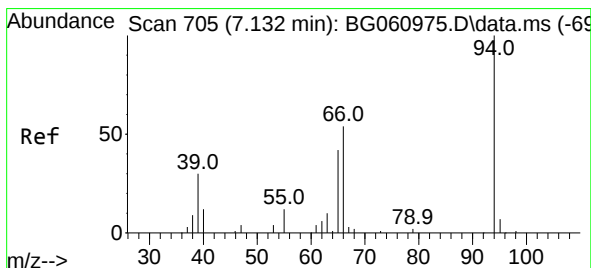
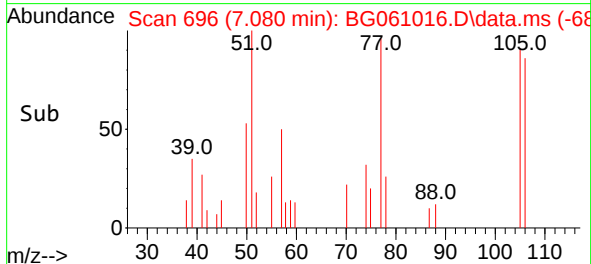
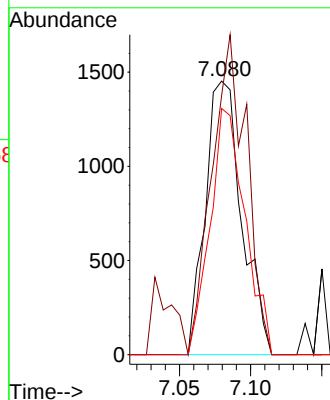
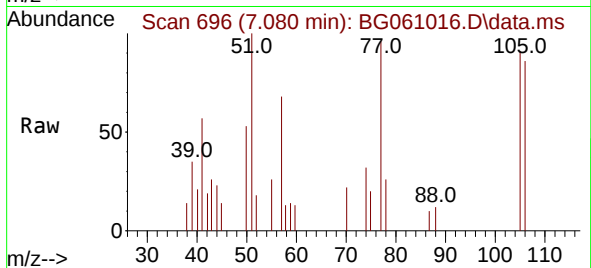
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Tgt Ion: 77 Resp: 2592
Ion Ratio Lower Upper
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106 90.0 66.7 106.7

Manual Integrations

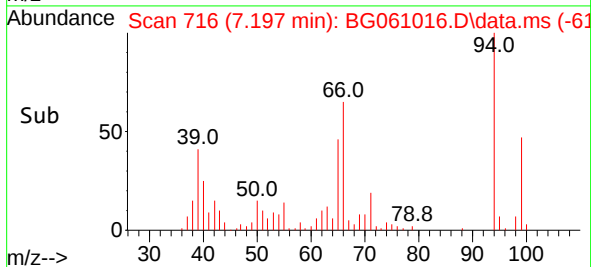
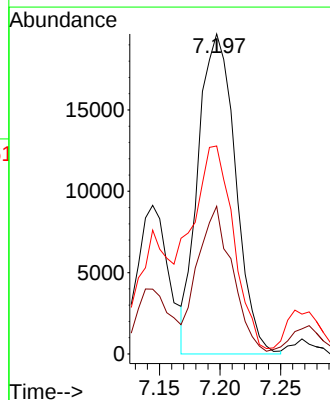
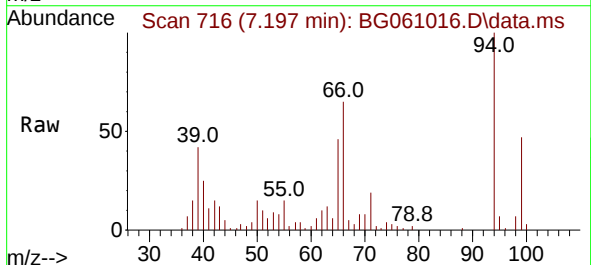
APPROVED

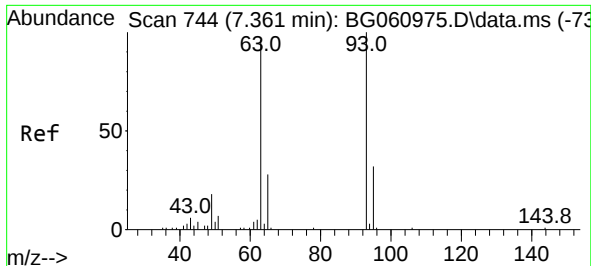
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 22.038 ng m
RT: 7.197 min Scan# 716
Delta R.T. 0.065 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

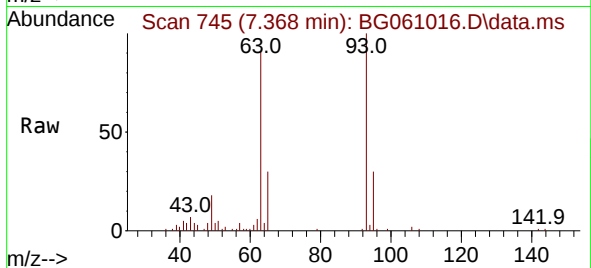
Tgt Ion: 94 Resp: 42227
Ion Ratio Lower Upper
94 100
65 46.2 23.1 63.1
66 65.0 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 28.564 ng
RT: 7.368 min Scan# 744
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

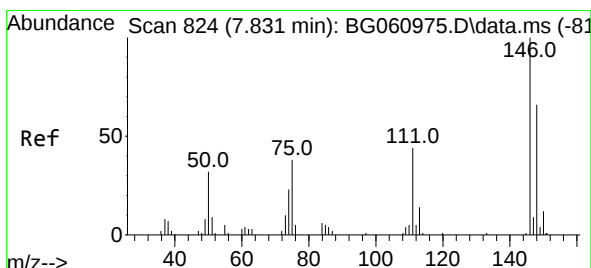
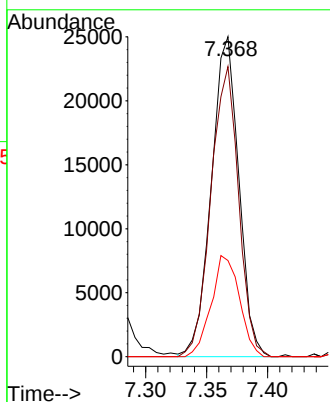
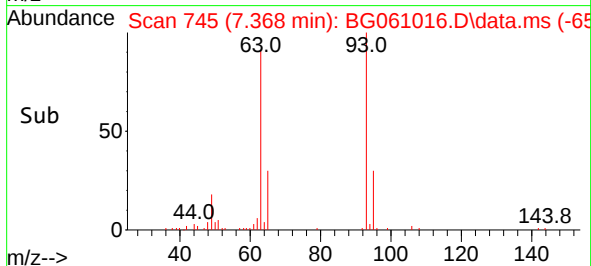
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion: 93 Resp: 3915
Ion Ratio Lower Upper
93 100
63 90.7 75.6 115.6
95 30.0 12.1 52.1

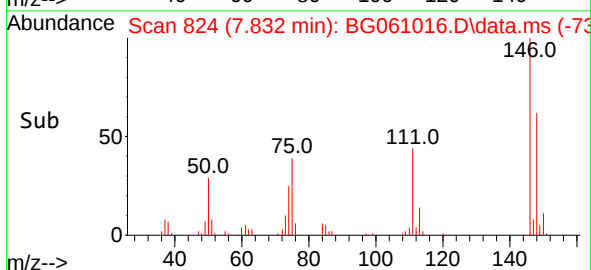
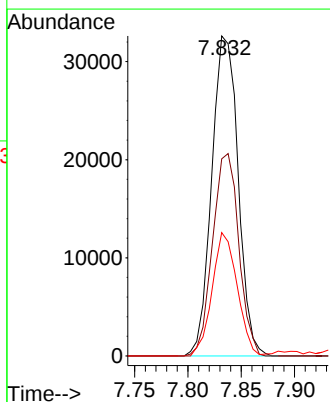
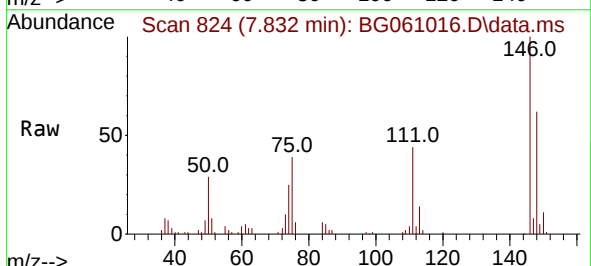
Manual Integrations
APPROVED

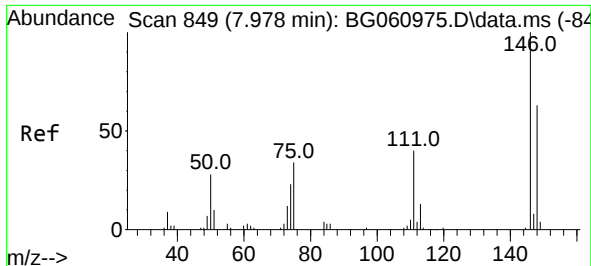
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 31.261 ng
RT: 7.832 min Scan# 824
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:146 Resp: 56146
Ion Ratio Lower Upper
146 100
148 61.6 52.7 79.1
75 38.6 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 30.995 ng

RT: 7.979 min Scan# 849

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

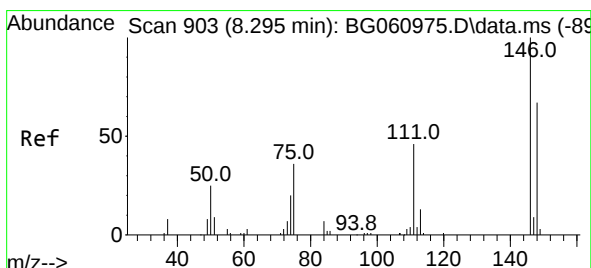
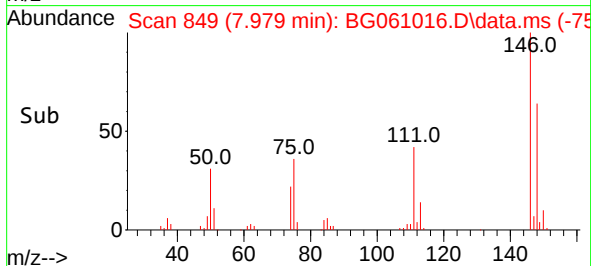
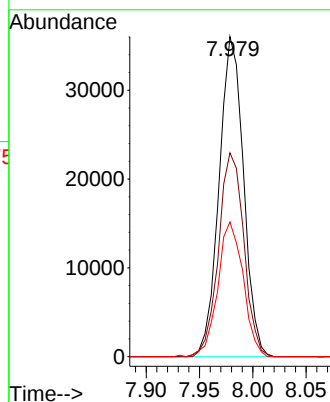
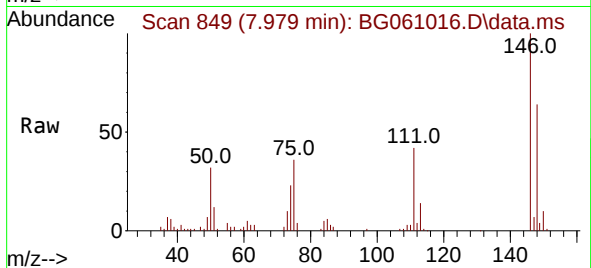
Tgt Ion:146 Resp: 57340
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 42.1 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#14

1,2-Dichlorobenzene

Concen: 29.867 ng

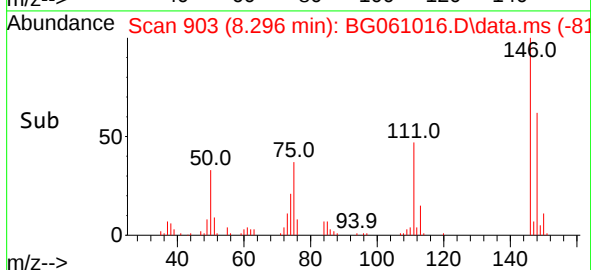
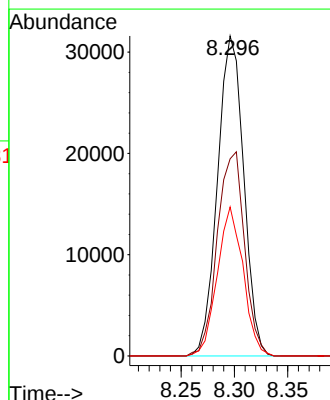
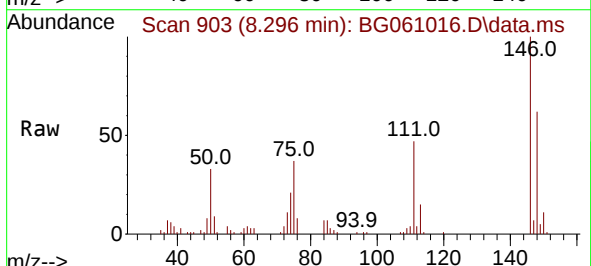
RT: 8.296 min Scan# 903

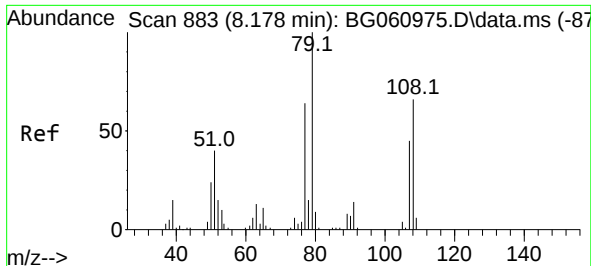
Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:146 Resp: 53998
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.8 80.8
 111 46.6 38.2 57.2





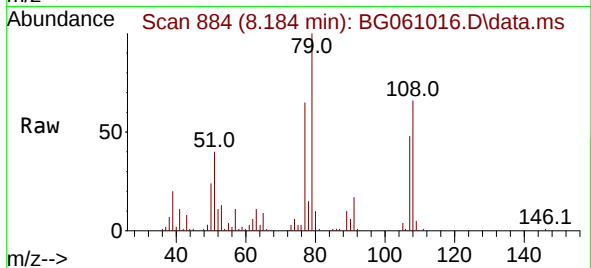
#15
Benzyl Alcohol
Concen: 30.985 ng
RT: 8.184 min Scan# 883
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

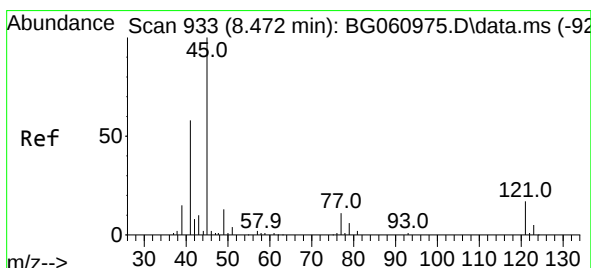
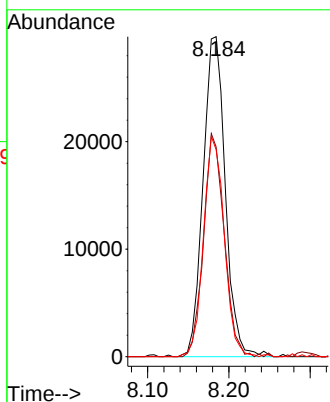
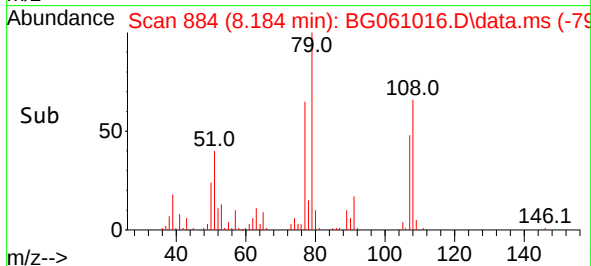


Tgt Ion: 79 Resp: 56420
Ion Ratio Lower Upper
79 100
108 65.5 53.0 79.6
77 64.7 51.4 77.0

Manual Integrations

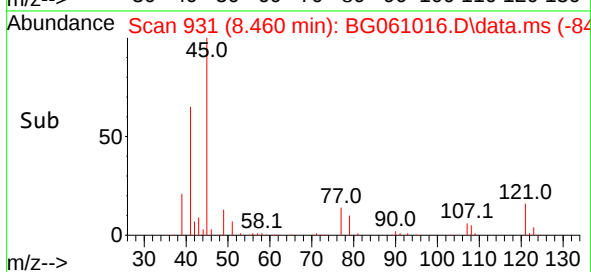
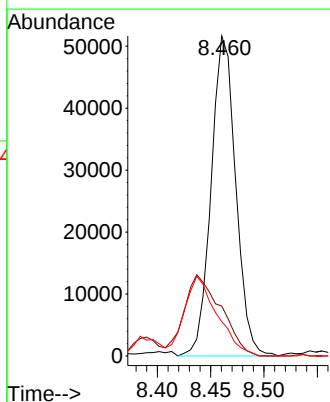
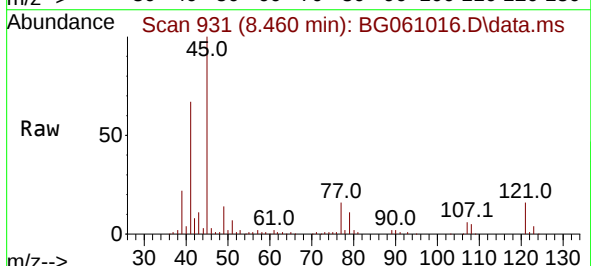
APPROVED

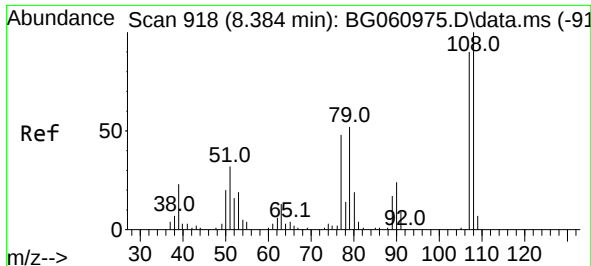
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.763 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion: 45 Resp: 82851
Ion Ratio Lower Upper
45 100
77 15.6 0.0 30.6
79 10.8 0.0 26.6





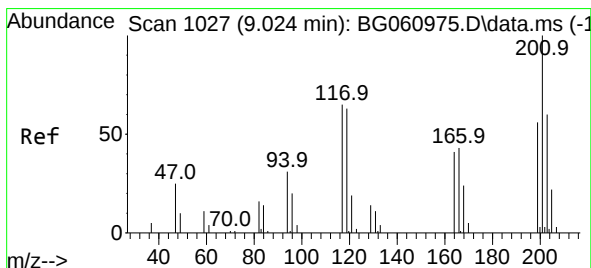
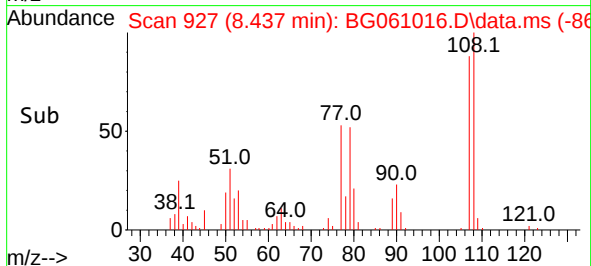
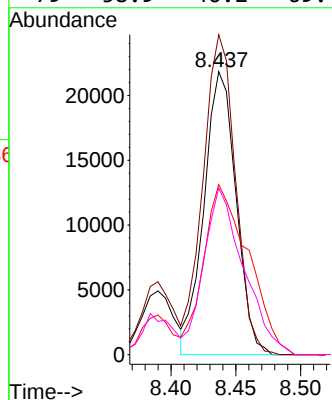
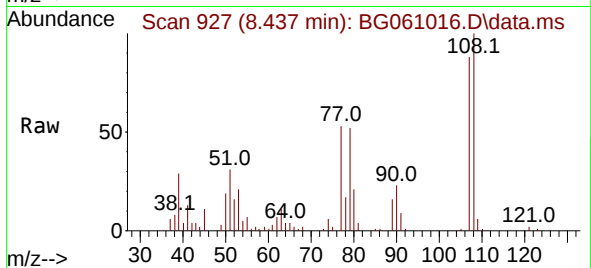
#17
2-Methylphenol
Concen: 24.317 ng m
RT: 8.437 min Scan# 918
Delta R.T. 0.053 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:	107	Resp:	3762
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.2	133.8
77	60.1	43.0	64.6
79	58.9	46.2	69.4

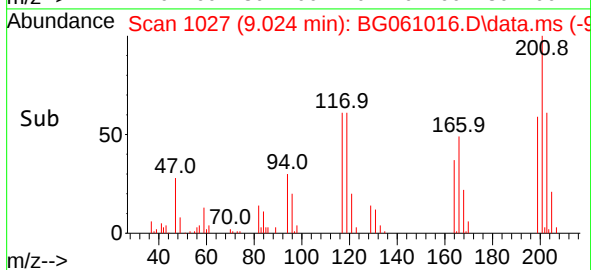
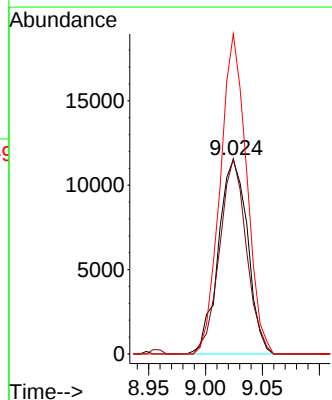
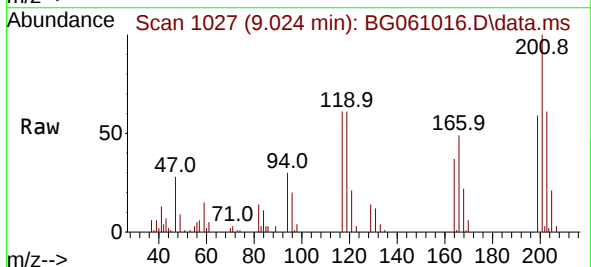
Manual Integrations
APPROVED

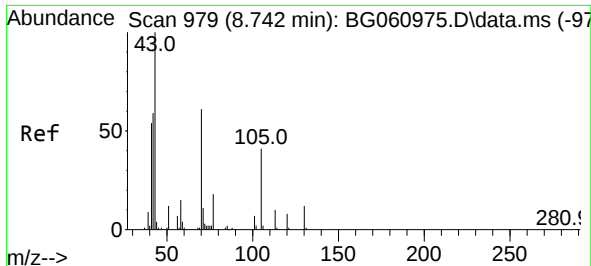
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 30.733 ng
RT: 9.024 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

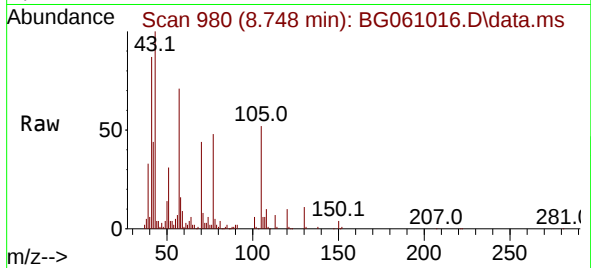
Tgt Ion:	117	Resp:	20487
Ion	Ratio	Lower	Upper
117	100		
119	100.6	79.8	119.8
201	164.7	124.0	186.0





#19
n-Nitroso-di-n-propylamine
Concen: 26.499 ng
RT: 8.748 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

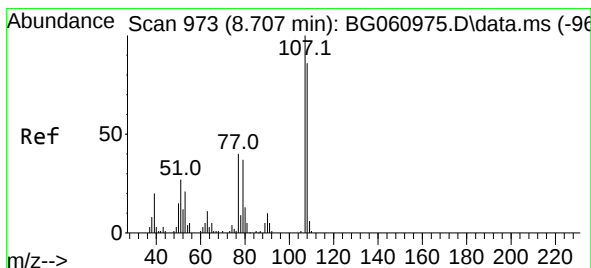
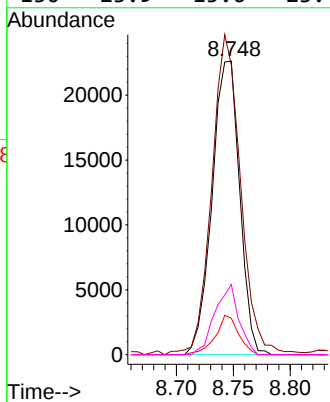
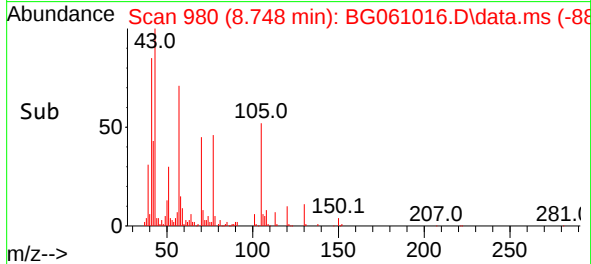
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion: 70 Resp: 3808
Ion Ratio Lower Upper
70 100
42 98.7 78.0 117.0
101 12.4 8.6 13.0
130 23.9 15.6 23.4#

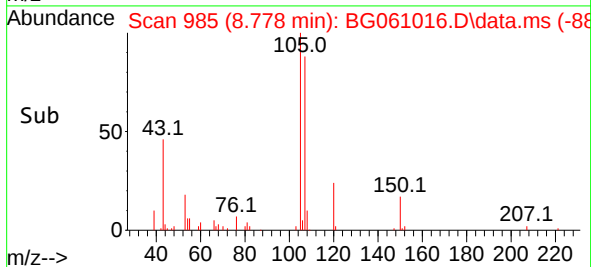
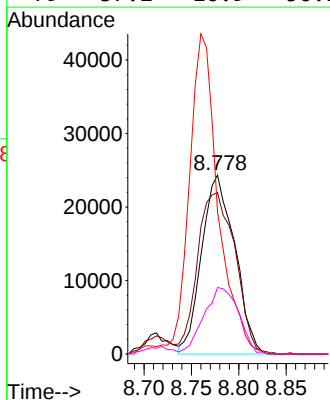
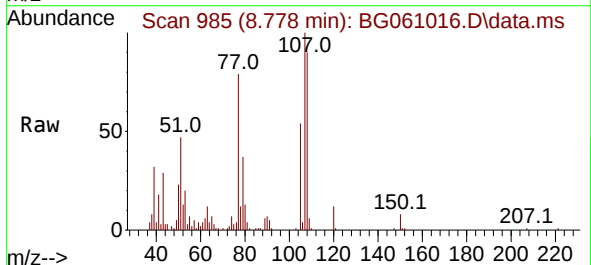
Manual Integrations
APPROVED

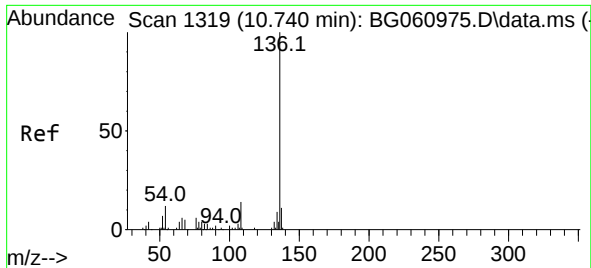
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
3+4-Methylphenols
Concen: 27.347 ng m
RT: 8.778 min Scan# 985
Delta R.T. 0.071 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:107 Resp: 59171
Ion Ratio Lower Upper
107 100
108 90.1 66.5 106.5
77 79.3 19.9 59.9#
79 37.2 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

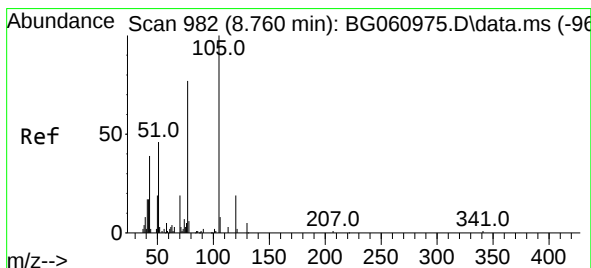
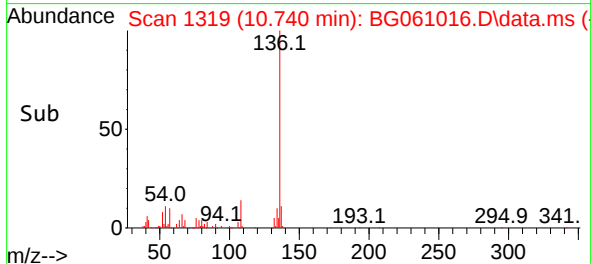
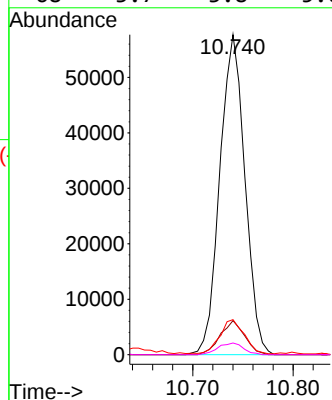
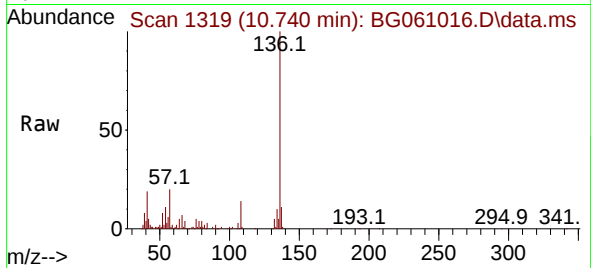
SILICAMSD

Tgt Ion:136 Resp: 9999
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.9 9.4 14.0
68 3.7 3.8 5.6#

Manual Integrations

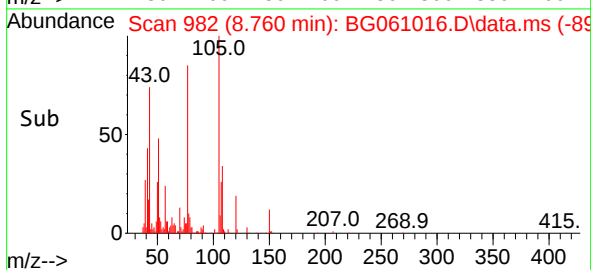
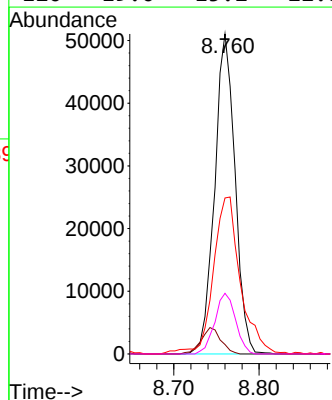
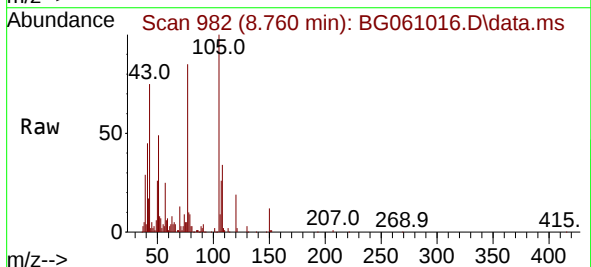
APPROVED

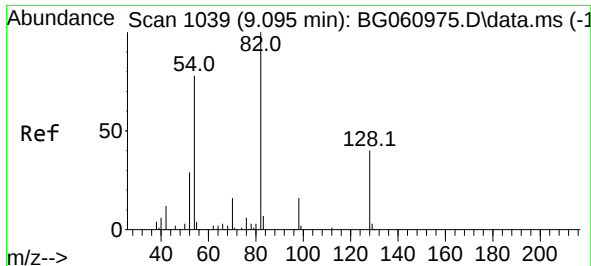
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 30.401 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:105 Resp: 84887
Ion Ratio Lower Upper
105 100
71 2.9 2.5 3.7
51 48.8 37.8 56.6
120 19.0 15.2 22.8





#23
Nitrobenzene-d5
Concen: 56.378 ng
RT: 9.101 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

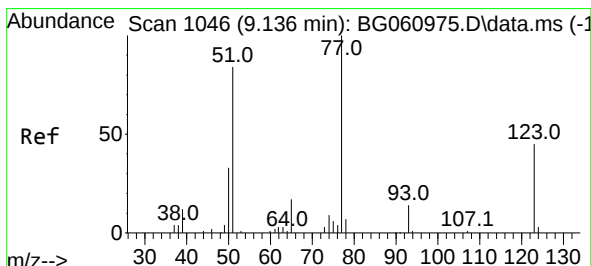
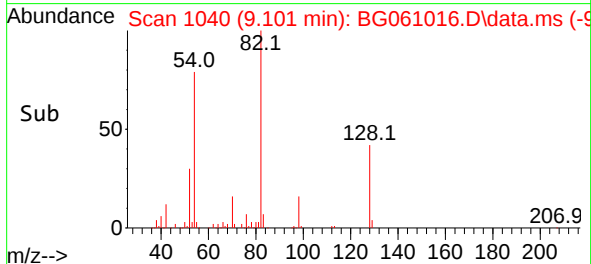
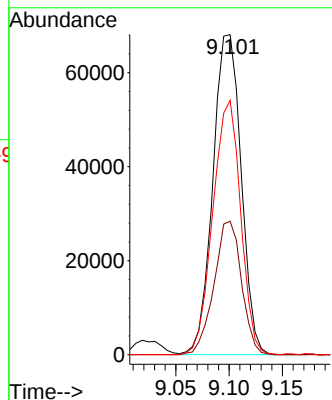
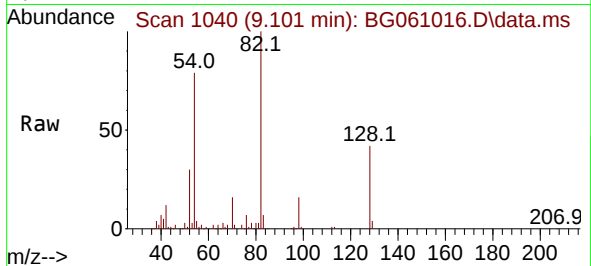
SILICAMSD

Tgt Ion: 82 Resp: 125479
Ion Ratio Lower Upper
82 100
128 41.7 32.1 48.1
54 79.5 62.3 93.5

Manual Integrations

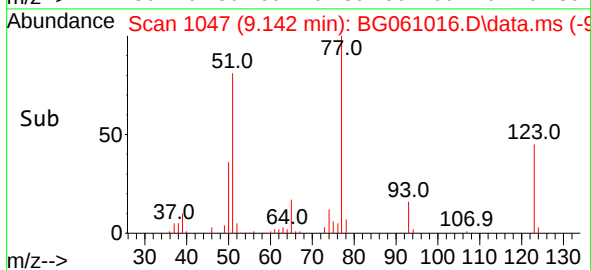
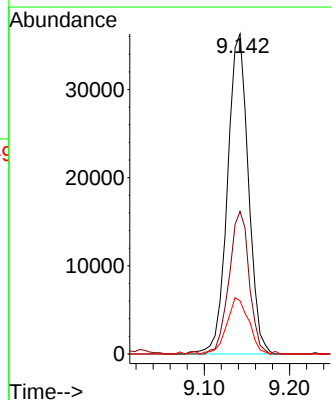
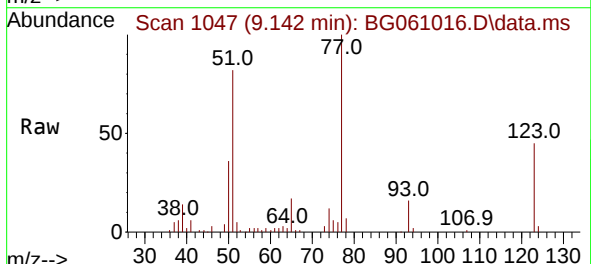
APPROVED

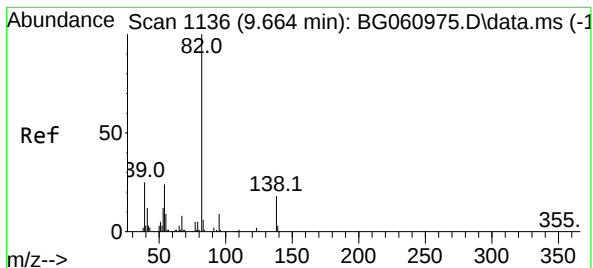
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Nitrobenzene
Concen: 28.923 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion: 77 Resp: 61857
Ion Ratio Lower Upper
77 100
123 44.6 35.9 53.9
65 16.6 13.3 19.9





#25

Isophorone

Concen: 29.463 ng

RT: 9.659 min Scan# 1135

Delta R.T. -0.005 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion: 82 Resp: 10974

Ion Ratio Lower Upper

82 100

95 8.3 7.6 11.4

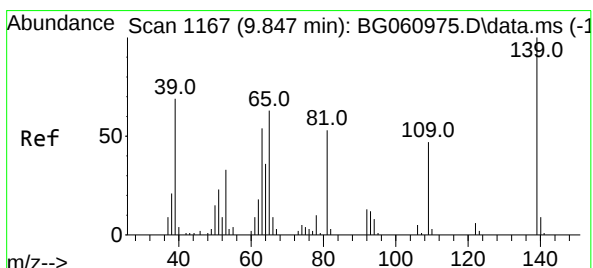
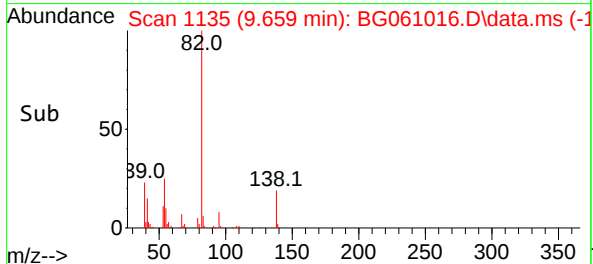
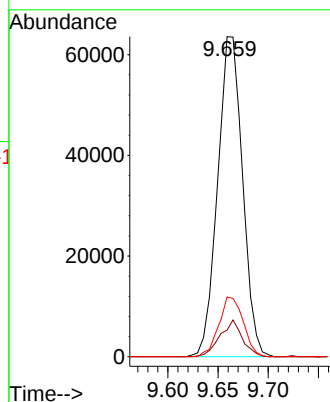
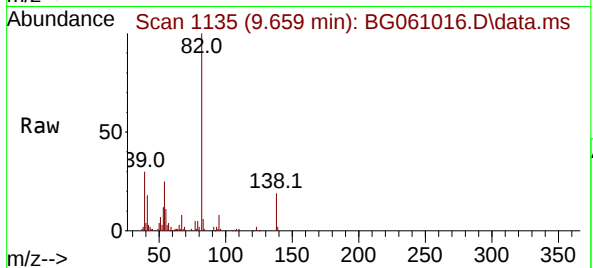
138 18.7 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#26

2-Nitrophenol

Concen: 31.780 ng

RT: 9.853 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

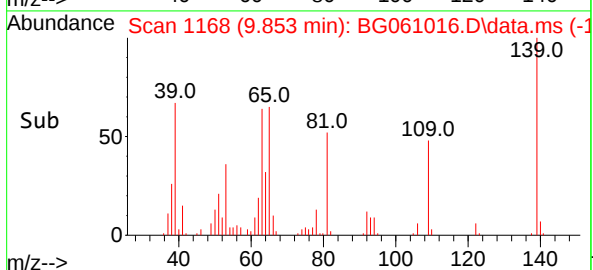
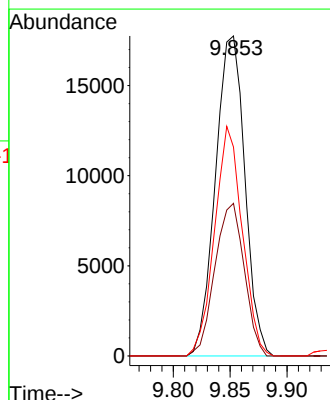
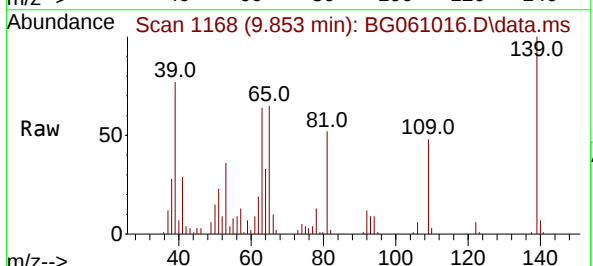
Tgt Ion:139 Resp: 31944

Ion Ratio Lower Upper

139 100

109 47.7 37.4 56.2

65 65.3 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 28.524 ng

RT: 9.976 min Scan# 1189

Delta R.T. 0.065 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:122 Resp: 4595

Ion Ratio Lower Upper

122 100

107 123.7 98.7 148.1

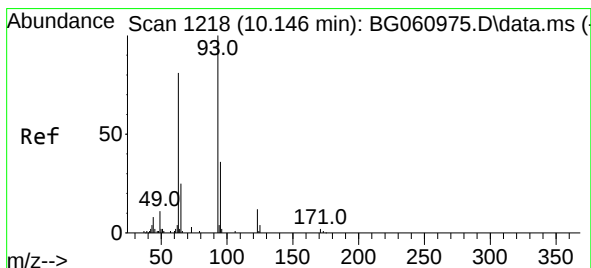
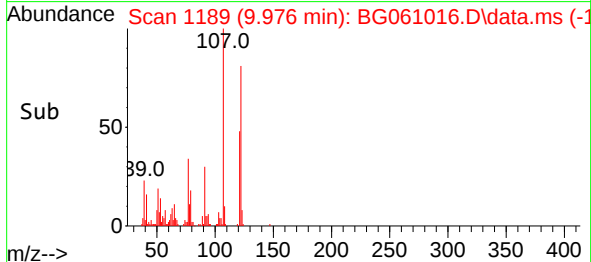
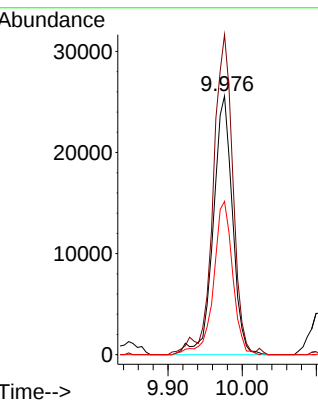
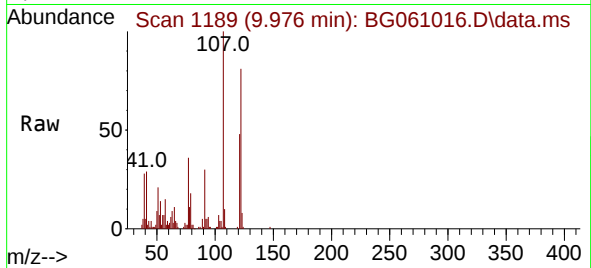
121 59.3 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 30.189 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

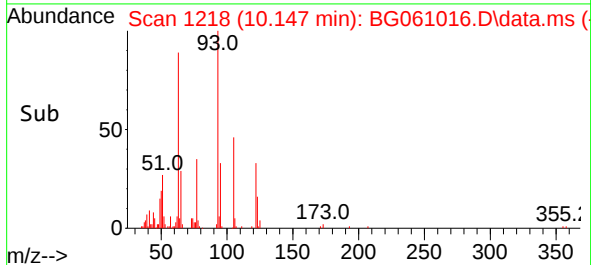
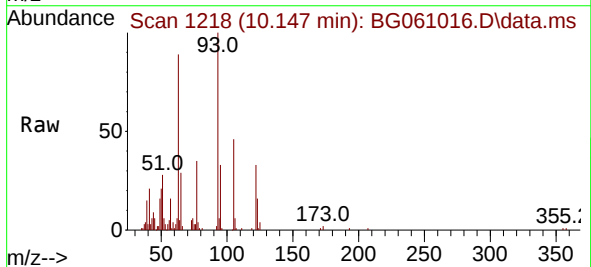
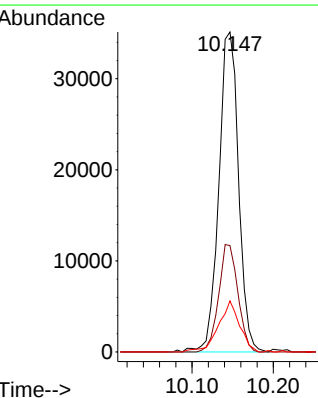
Tgt Ion: 93 Resp: 59152

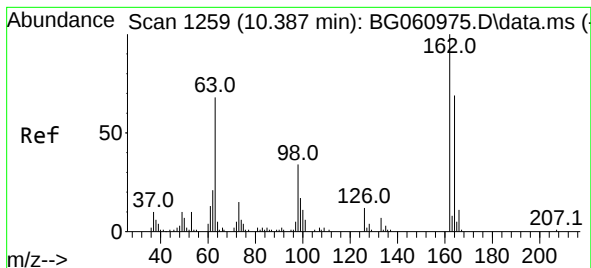
Ion Ratio Lower Upper

93 100

95 33.2 28.8 43.2

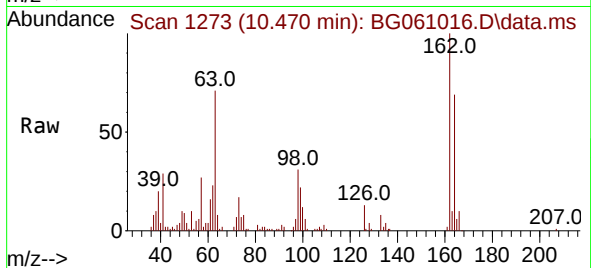
123 16.7 9.8 14.6#





#29
2,4-Dichlorophenol
Concen: 36.385 ng
RT: 10.470 min Scan# 1273
Delta R.T. 0.083 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

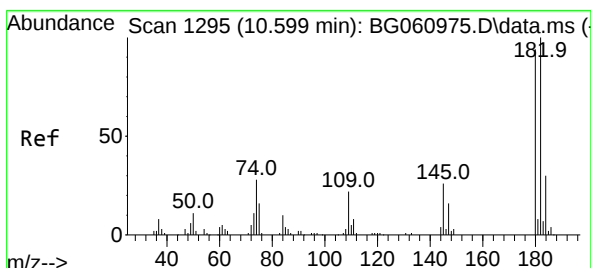
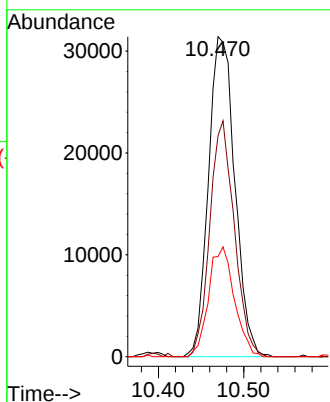
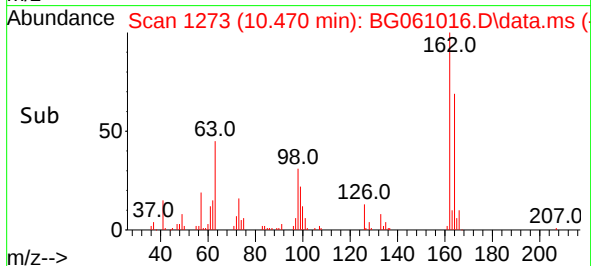
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion:162 Resp: 67650
Ion Ratio Lower Upper
162 100
164 69.0 49.0 89.0
98 31.3 14.3 54.3

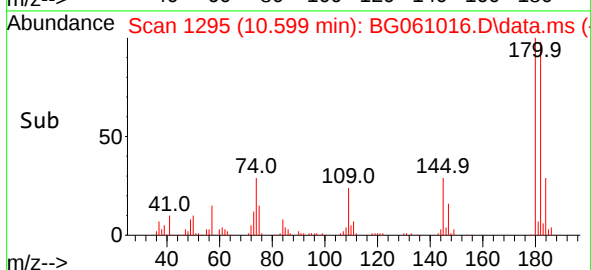
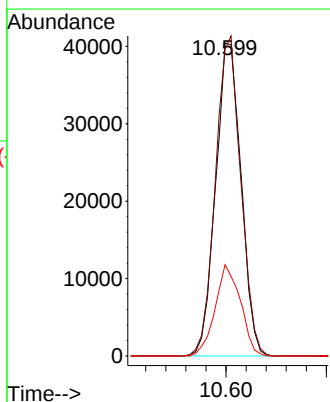
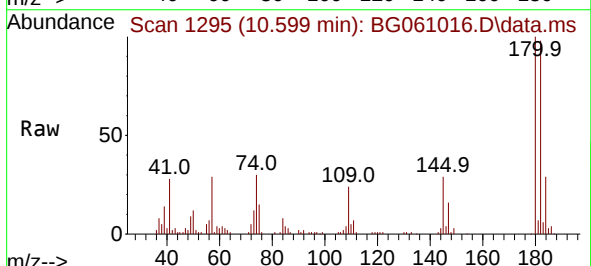
Manual Integrations
APPROVED

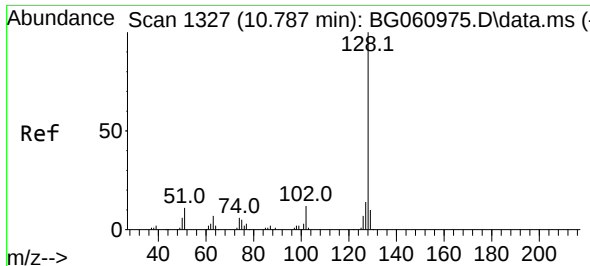
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 34.618 ng
RT: 10.599 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:180 Resp: 71022
Ion Ratio Lower Upper
180 100
182 98.0 85.4 128.2
145 29.1 22.6 33.8





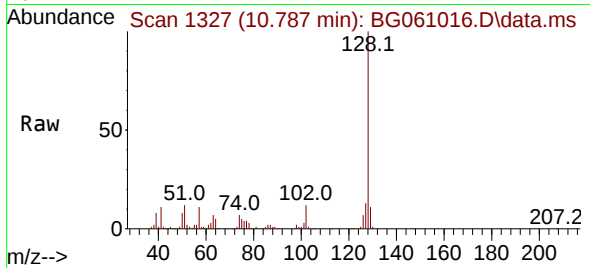
#31
Naphthalene
Concen: 32.034 ng
RT: 10.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD



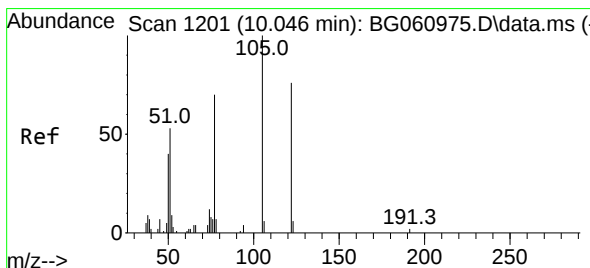
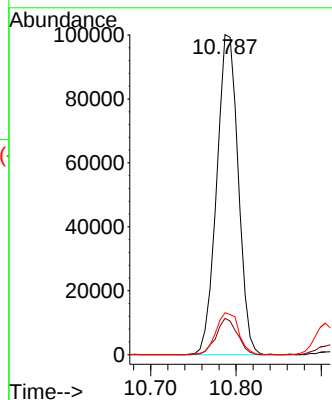
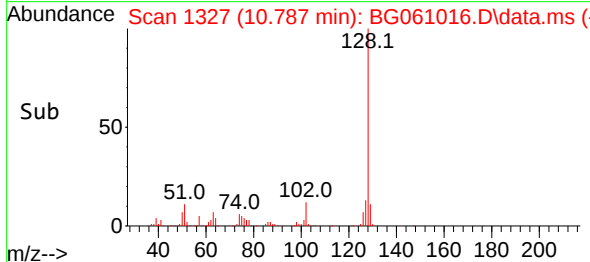
Tgt Ion:128 Resp: 175374
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.1 11.4 17.2

Manual Integrations

APPROVED

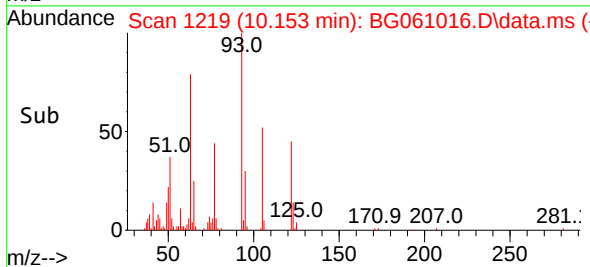
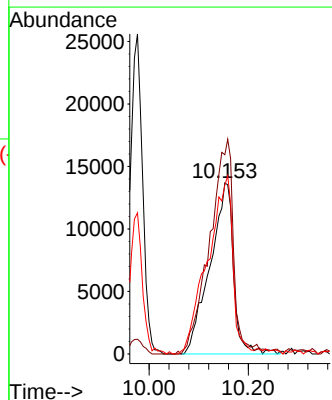
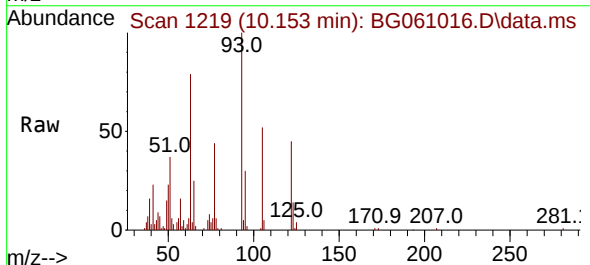
Reviewed By :Yogesh Patel 04/26/2024

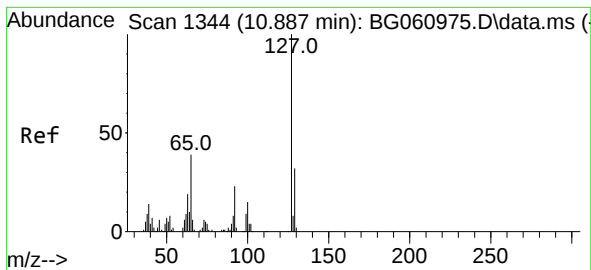
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 36.690 ng m
RT: 10.153 min Scan# 1219
Delta R.T. 0.106 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

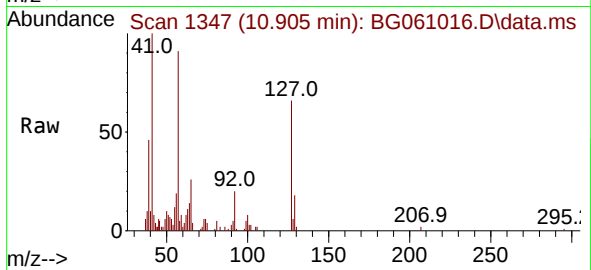
Tgt Ion:122 Resp: 45039
Ion Ratio Lower Upper
122 100
105 116.4 106.2 146.2
77 98.7 70.1 110.1





#33
4-Chloroaniline
Concen: 7.613 ng
RT: 10.905 min Scan# 1347
Delta R.T. 0.018 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

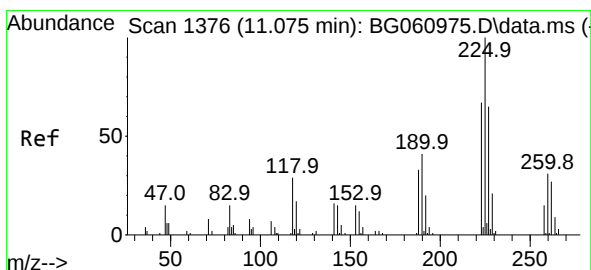
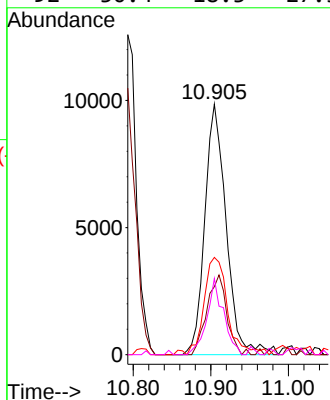
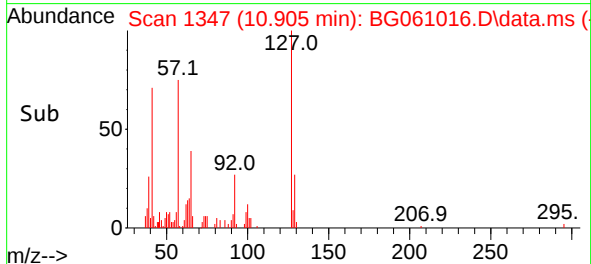
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion:	127	Resp:	1893
Ion Ratio	Lower	Upper	
127	100		
129	27.1	25.7	38.5
65	38.8	31.4	47.0
92	30.4	18.3	27.5

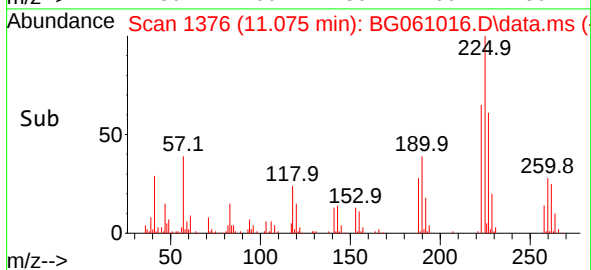
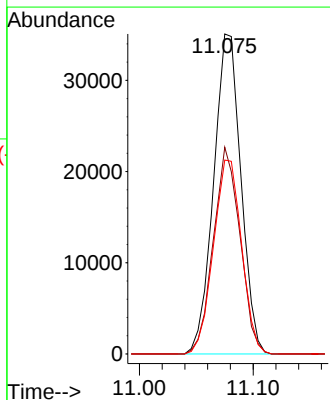
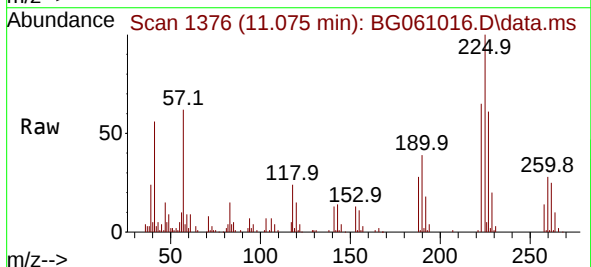
Manual Integrations
APPROVED

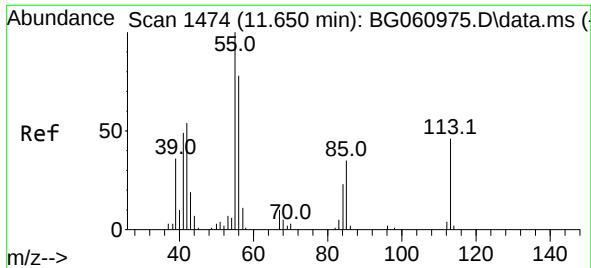
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 32.473 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:	225	Resp:	58590
Ion Ratio	Lower	Upper	
225	100		
223	64.6	53.2	79.8
227	60.6	51.9	77.9





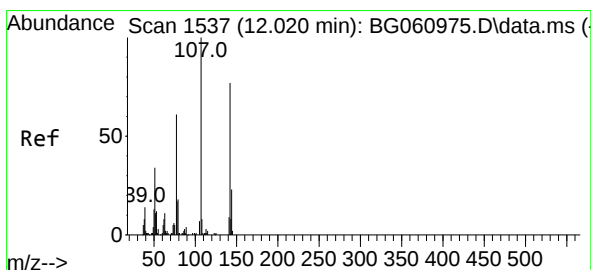
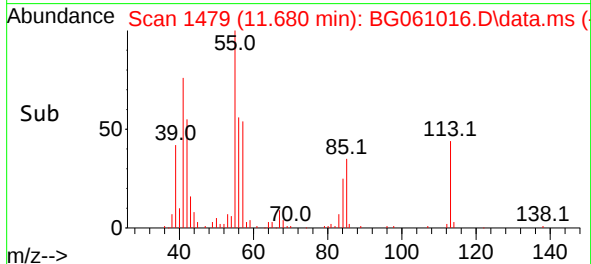
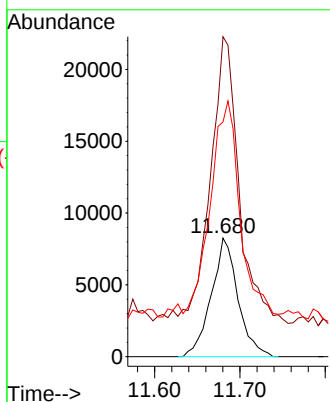
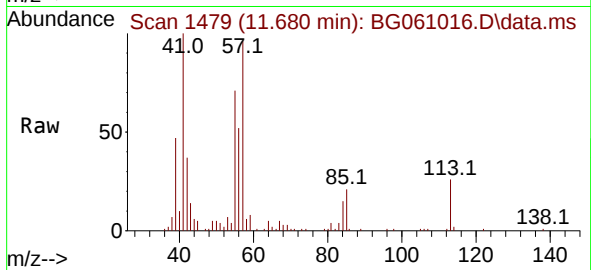
#35
 Caprolactam
 Concen: 30.304 ng
 RT: 11.680 min Scan# 1474
 Delta R.T. 0.030 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMSD

Tgt Ion:113 Resp: 1794
 Ion Ratio Lower Upper
 113 100
 55 270.0 197.9 237.9
 56 198.0 151.1 191.1

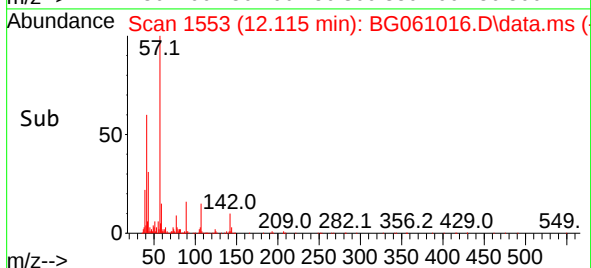
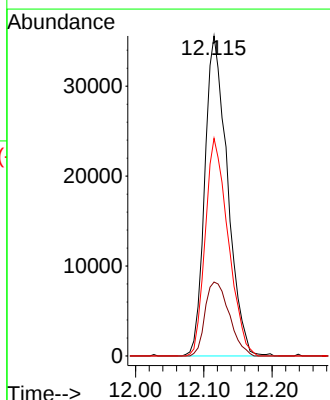
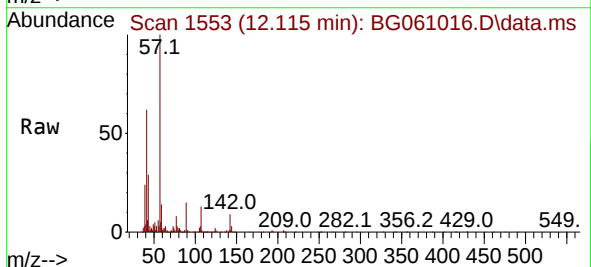
Manual Integrations
 APPROVED

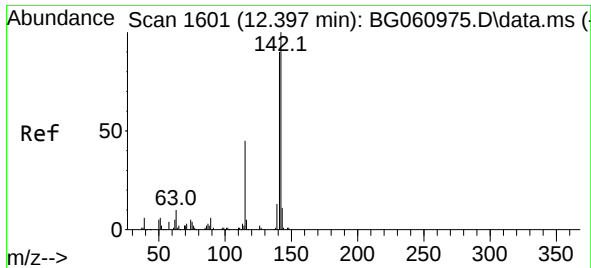
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 37.864 ng
 RT: 12.115 min Scan# 1553
 Delta R.T. 0.094 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44

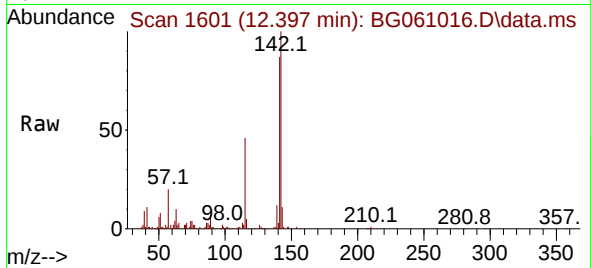
Tgt Ion:107 Resp: 82115
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.5 27.7
 142 68.0 61.4 92.0





#37
2-Methylnaphthalene
Concen: 31.502 ng
RT: 12.397 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

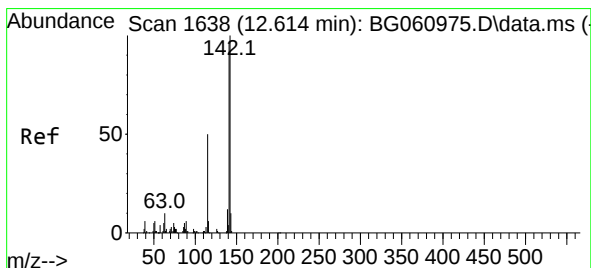
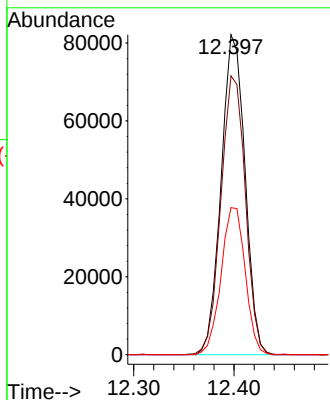
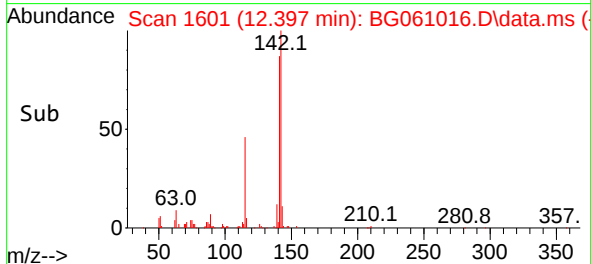
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



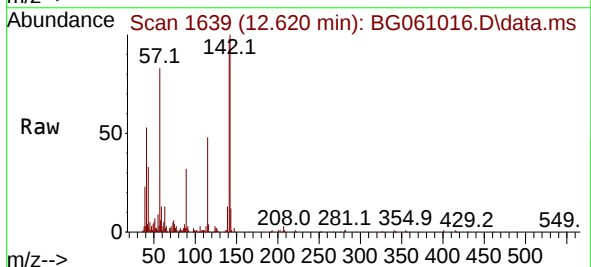
Tgt Ion:142 Resp: 135598
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.4
115 45.9 35.9 53.9

Manual Integrations
APPROVED

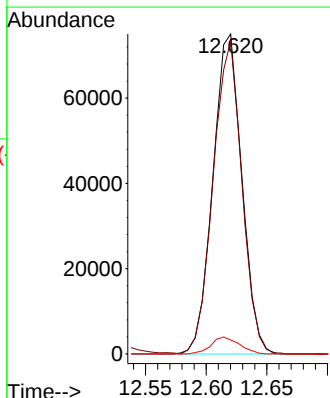
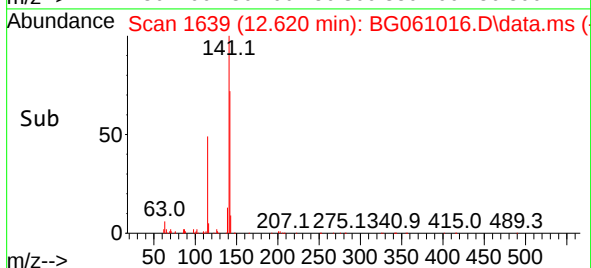
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

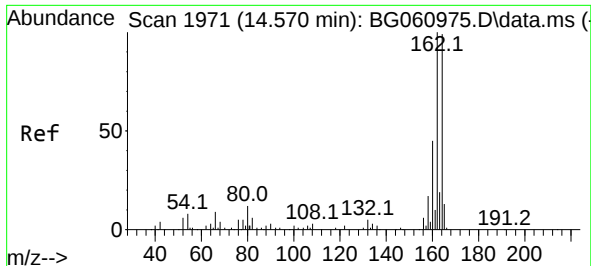


#38
1-Methylnaphthalene
Concen: 30.969 ng m
RT: 12.620 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:142 Resp: 124397
Ion Ratio Lower Upper
142 100
141 97.9 76.8 115.2
116 4.4 4.4 6.6#





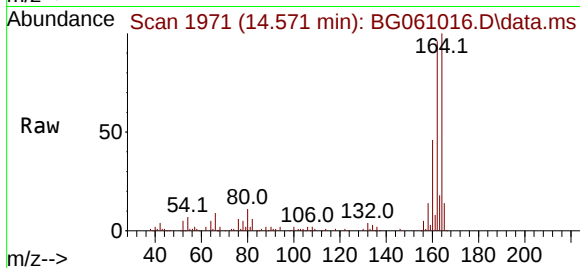
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

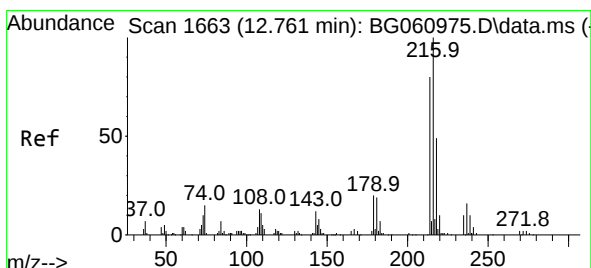
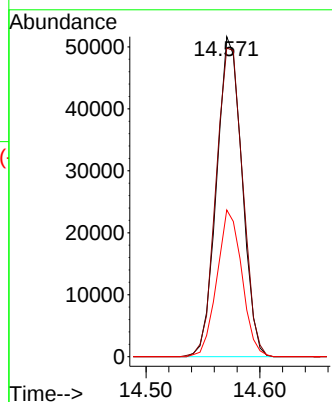
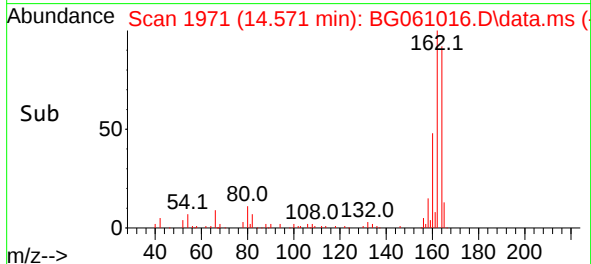


Tgt Ion:164 Resp: 80040
Ion Ratio Lower Upper
164 100
162 96.5 81.2 121.8
160 45.8 36.2 54.2

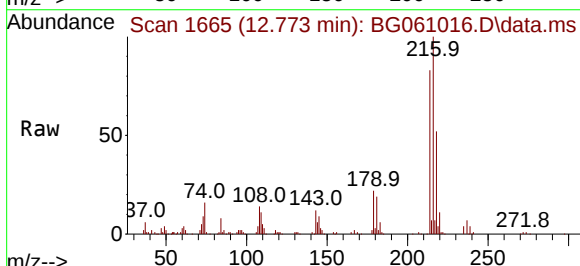
Manual Integrations

APPROVED

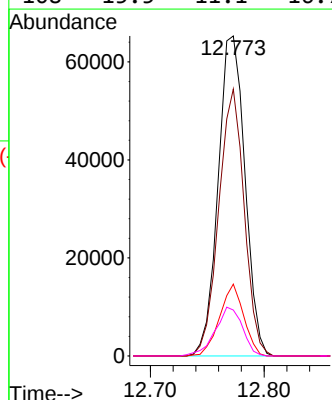
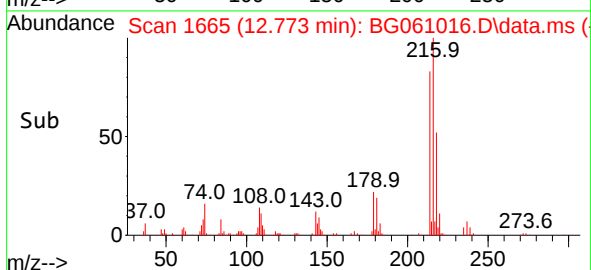
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

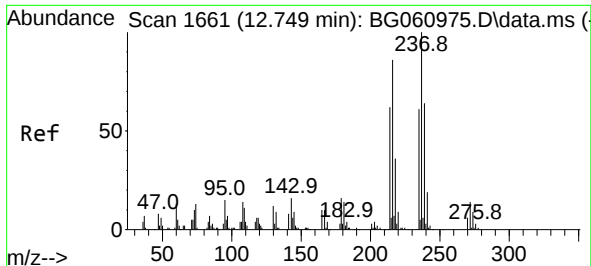


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.597 ng
RT: 12.773 min Scan# 1665
Delta R.T. 0.012 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



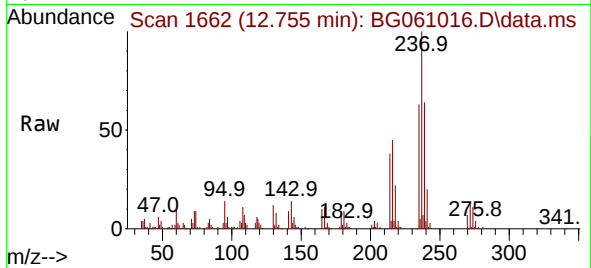
Tgt Ion:216 Resp: 106950
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 20.2 15.2 22.8
108 15.5 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 40.822 ng
RT: 12.755 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

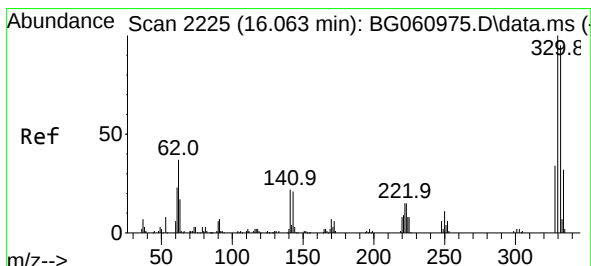
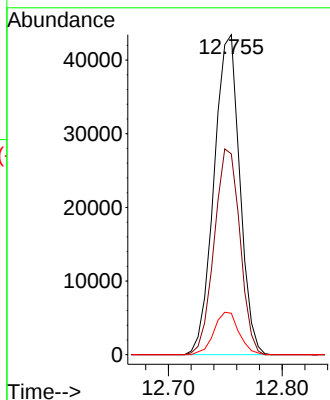
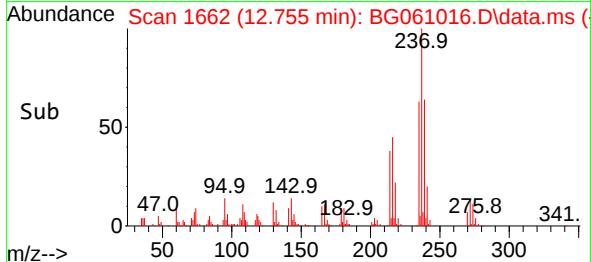
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



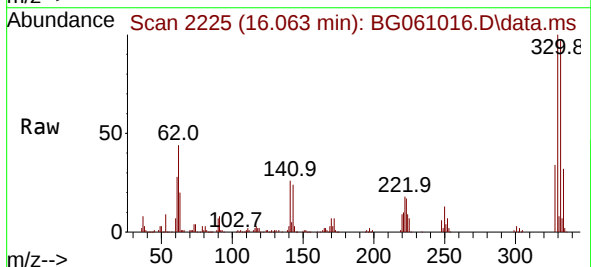
Tgt Ion:237 Resp: 68328
Ion Ratio Lower Upper
237 100
235 62.8 40.7 80.7
272 13.0 0.0 34.5

Manual Integrations
APPROVED

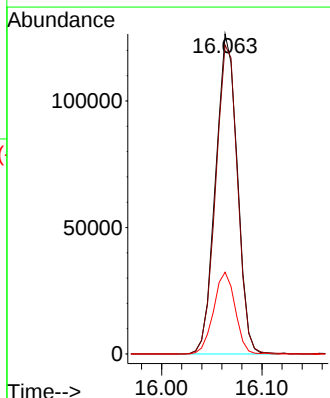
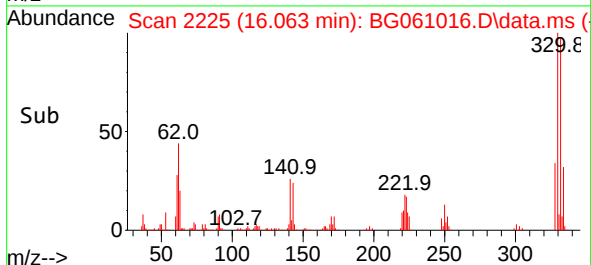
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

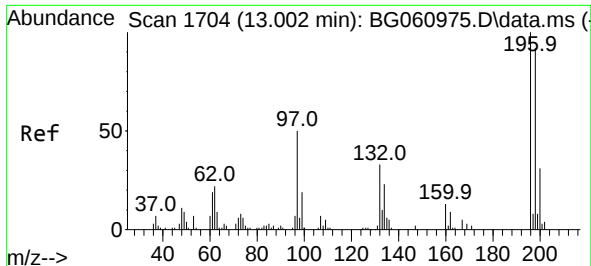


#42
2,4,6-Tribromophenol
Concen: 107.809 ng
RT: 16.063 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:330 Resp: 189502
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 25.3 20.6 31.0





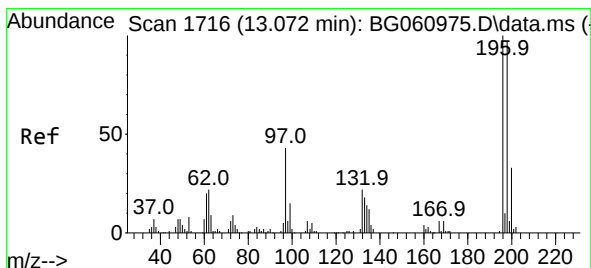
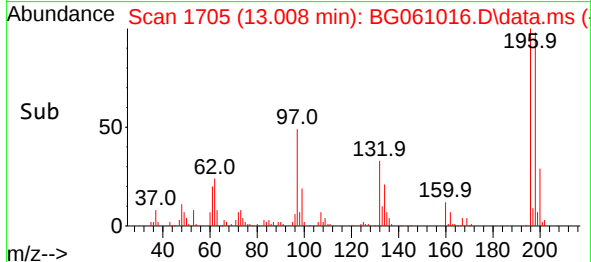
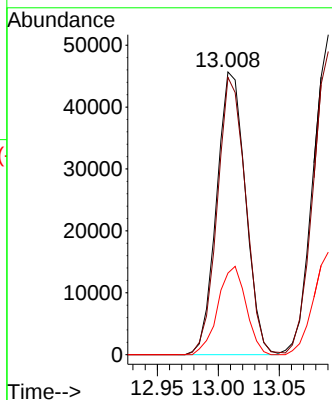
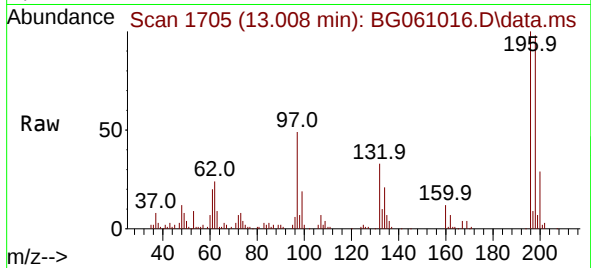
#43
2,4,6-Trichlorophenol
Concen: 40.247 ng
RT: 13.008 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:196 Resp: 7525
Ion Ratio Lower Upper
196 100
198 98.1 73.5 110.3
200 28.8 24.8 37.2

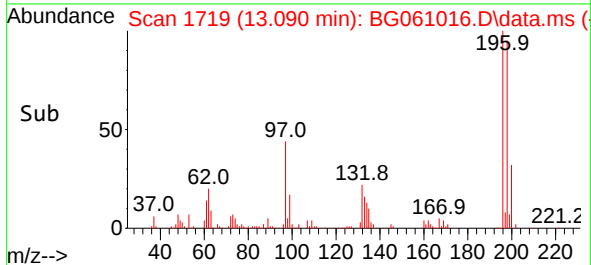
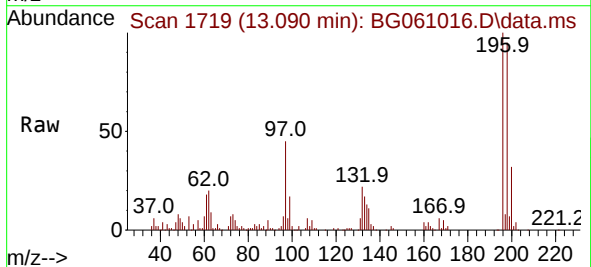
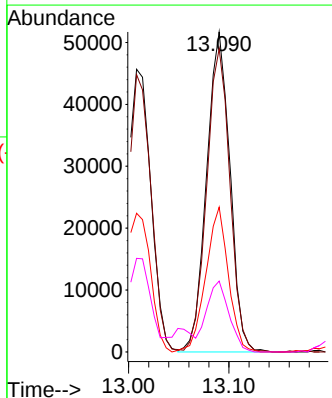
Manual Integrations
APPROVED

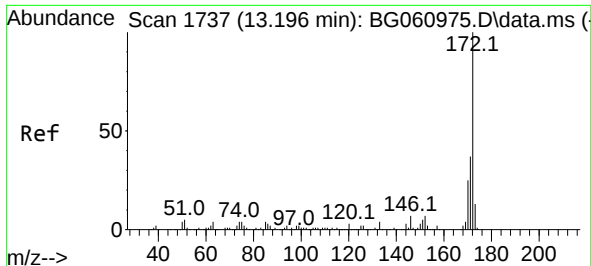
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#44
2,4,5-Trichlorophenol
Concen: 37.845 ng
RT: 13.090 min Scan# 1719
Delta R.T. 0.018 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

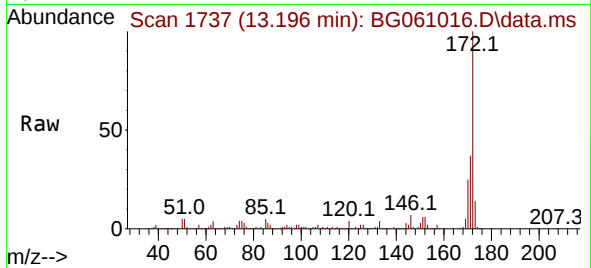
Tgt Ion:196 Resp: 83710
Ion Ratio Lower Upper
196 100
198 94.8 77.7 116.5
97 45.2 34.2 51.4
132 22.1 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 67.358 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

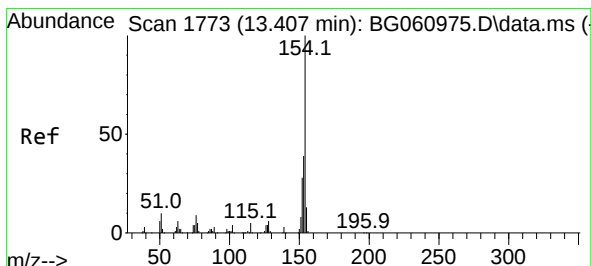
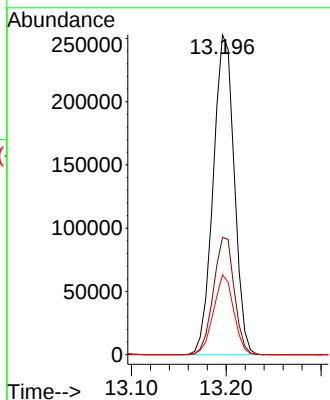
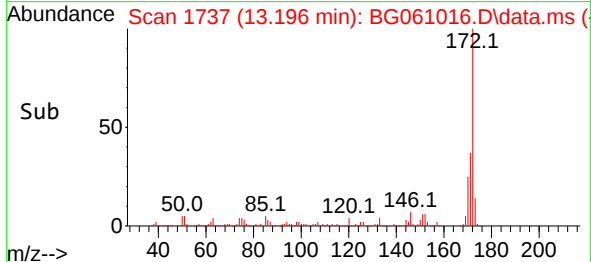
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



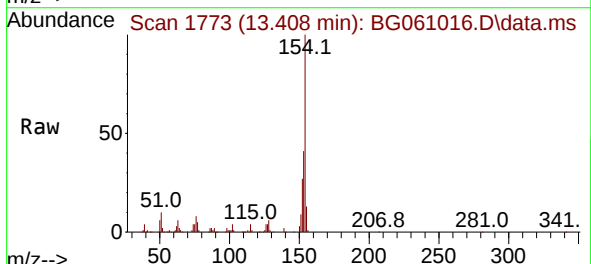
Tgt Ion:172 Resp: 389574
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.9 20.1 30.1

Manual Integrations
APPROVED

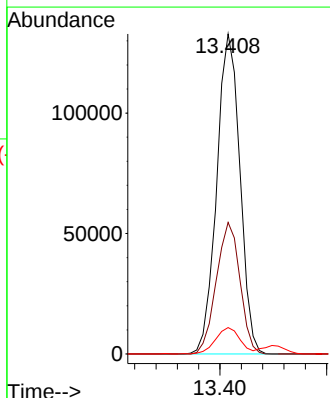
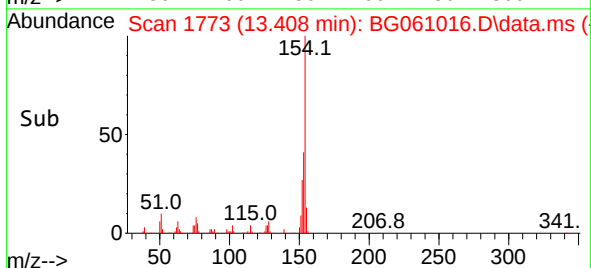
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

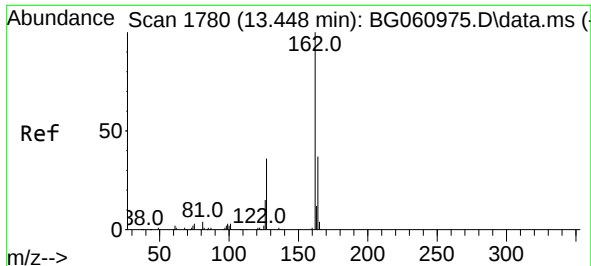


#46
1,1'-Biphenyl
Concen: 37.158 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



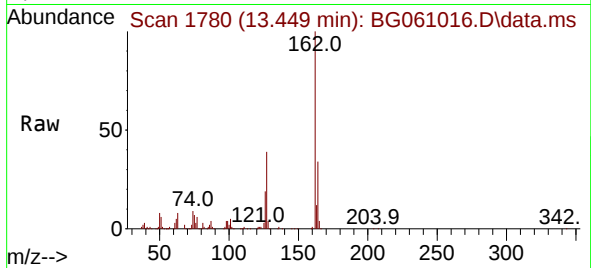
Tgt Ion:154 Resp: 200347
Ion Ratio Lower Upper
154 100
153 41.1 19.4 59.4
76 8.3 0.0 28.6





#47
2-Chloronaphthalene
Concen: 38.335 ng
RT: 13.449 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

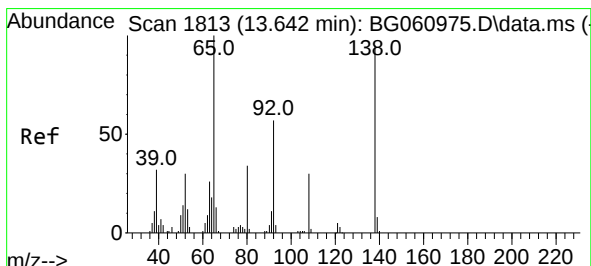
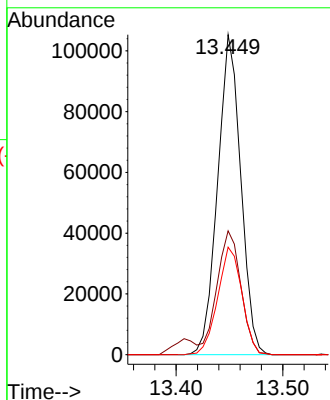
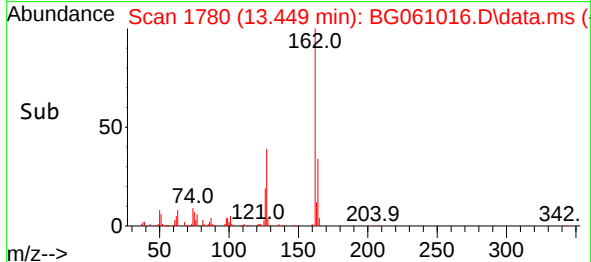
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion:162 Resp: 158479
Ion Ratio Lower Upper
162 100
127 38.7 32.6 49.0
164 33.6 29.9 44.9

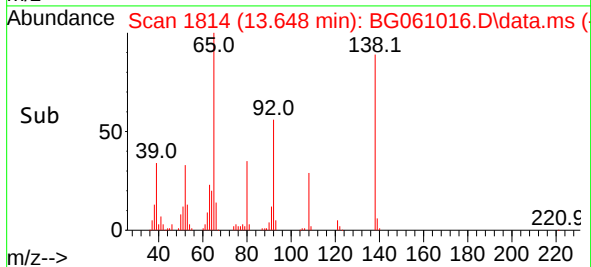
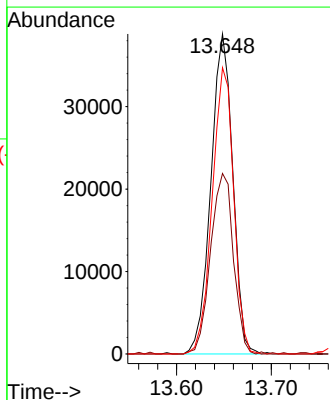
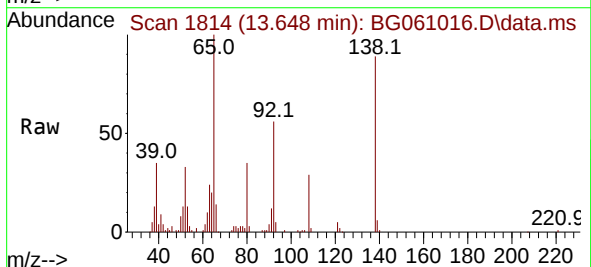
Manual Integrations
APPROVED

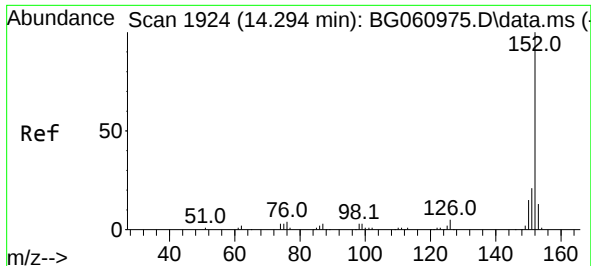
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#48
2-Nitroaniline
Concen: 37.318 ng
RT: 13.648 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

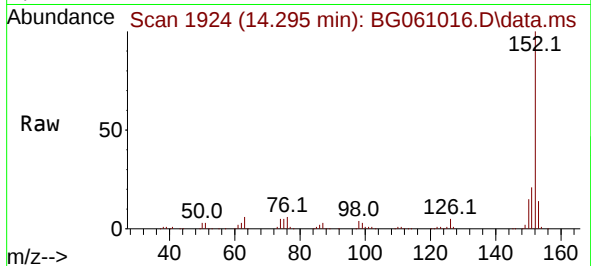
Tgt Ion: 65 Resp: 62263
Ion Ratio Lower Upper
65 100
92 56.4 45.4 68.2
138 89.4 75.8 113.6





#49
Acenaphthylene
Concen: 35.947 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

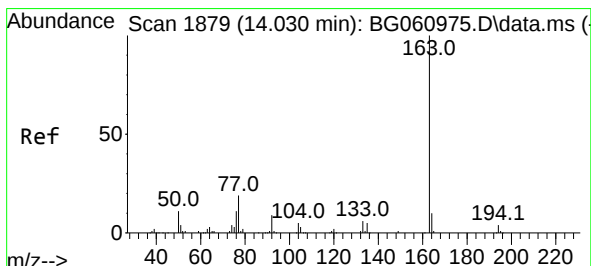
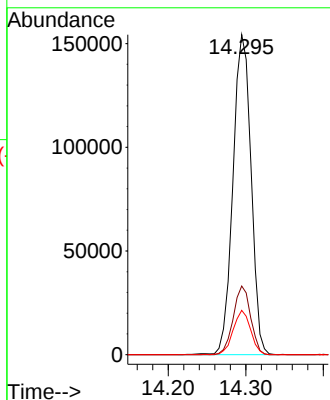
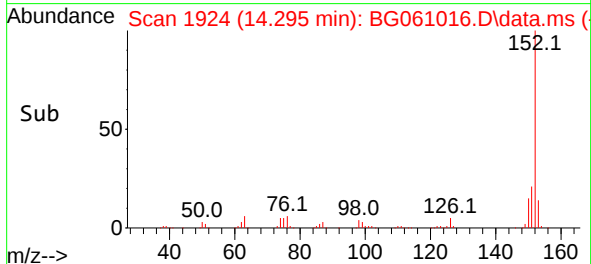
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



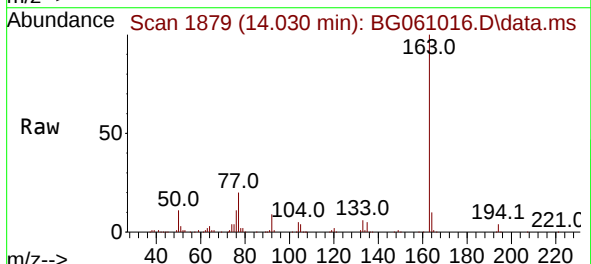
Tgt Ion:152 Resp: 250280
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 13.9 10.7 16.1

Manual Integrations
APPROVED

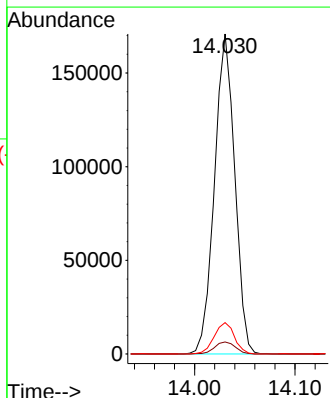
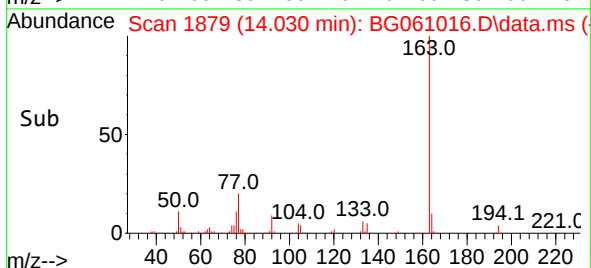
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

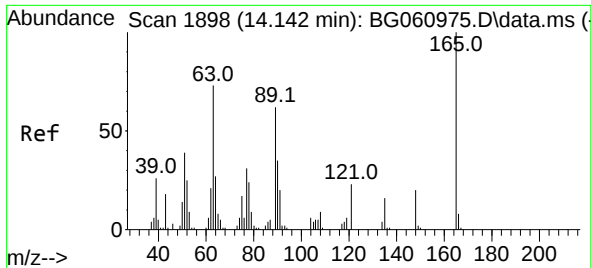


#50
Dimethylphthalate
Concen: 36.236 ng
RT: 14.030 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:163 Resp: 239182
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.4 12.6





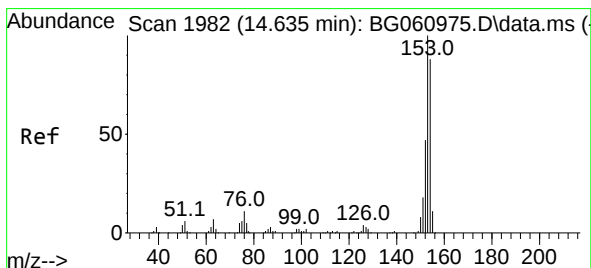
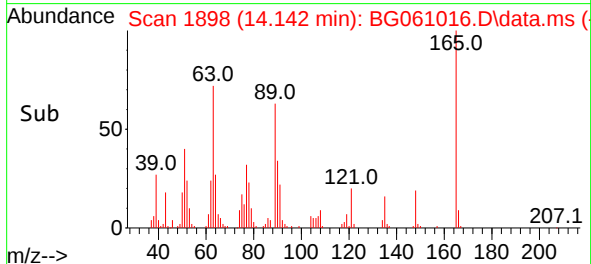
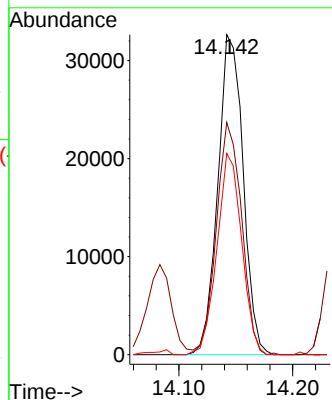
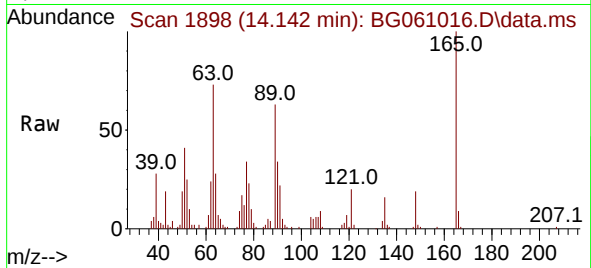
#51
2,6-Dinitrotoluene
Concen: 36.603 ng
RT: 14.142 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:165 Resp: 50412
Ion Ratio Lower Upper
165 100
63 72.5 59.6 89.4
89 62.9 49.4 74.0

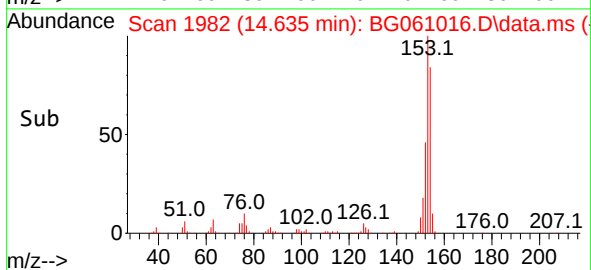
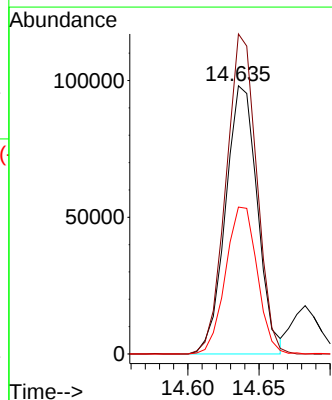
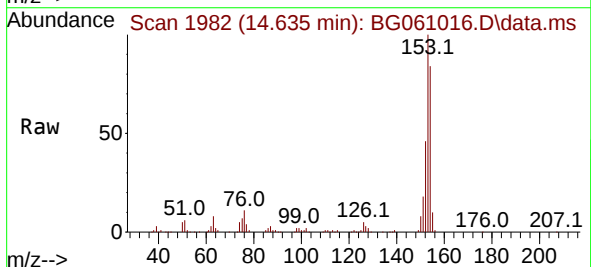
Manual Integrations
APPROVED

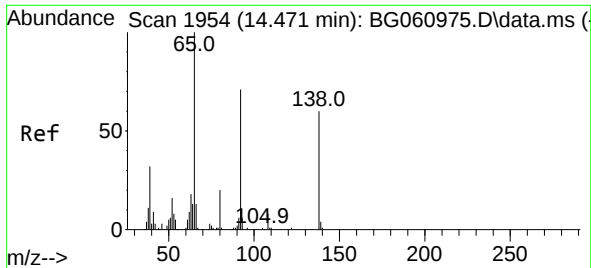
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 36.161 ng
RT: 14.635 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

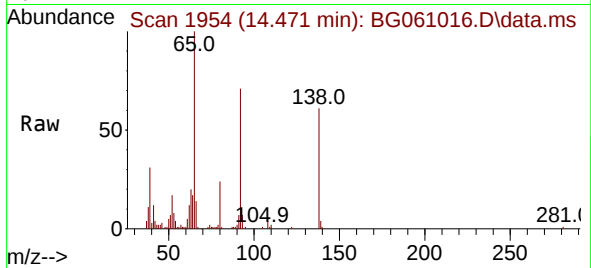
Tgt Ion:154 Resp: 152984
Ion Ratio Lower Upper
154 100
153 119.3 91.2 136.8
152 54.8 42.7 64.1





#53
3-Nitroaniline
Concen: 23.130 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

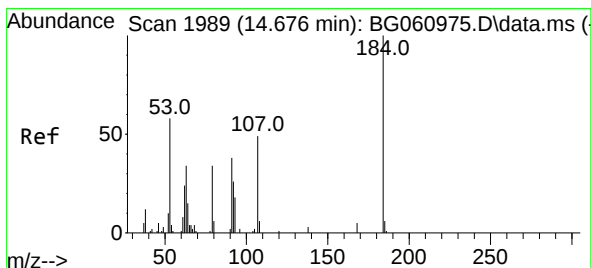
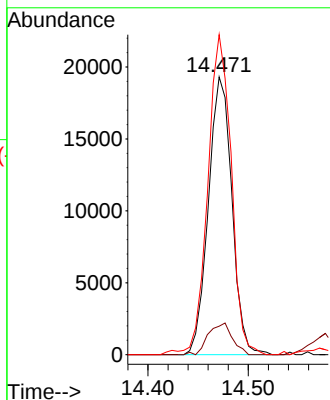
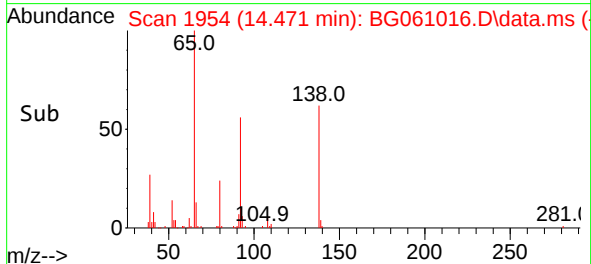
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



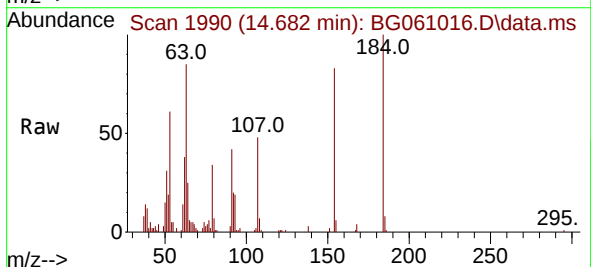
Tgt Ion:138 Resp: 31412
Ion Ratio Lower Upper
138 100
108 10.2 10.1 15.1
92 115.2 94.6 141.8

Manual Integrations
APPROVED

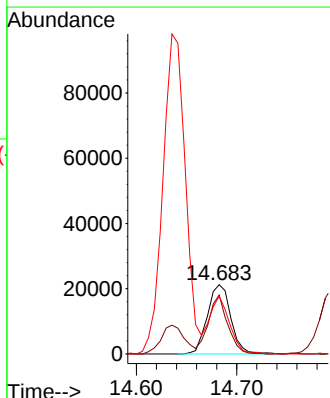
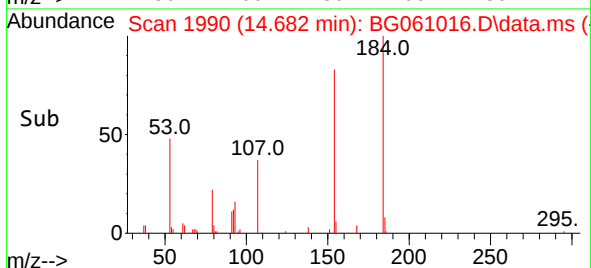
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

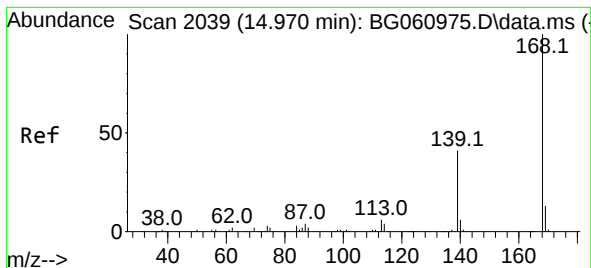


#54
2,4-Dinitrophenol
Concen: 41.223 ng
RT: 14.682 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:184 Resp: 34387
Ion Ratio Lower Upper
184 100
63 85.0 59.0 88.6
154 83.3 61.2 91.8





#55

Dibenzofuran

Concen: 36.734 ng

RT: 14.970 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

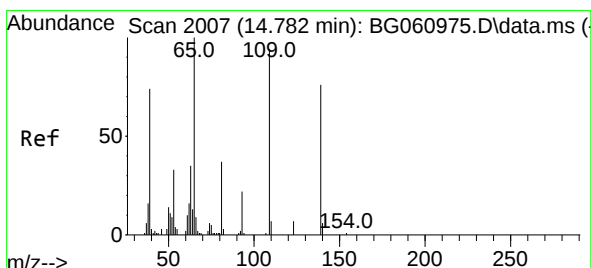
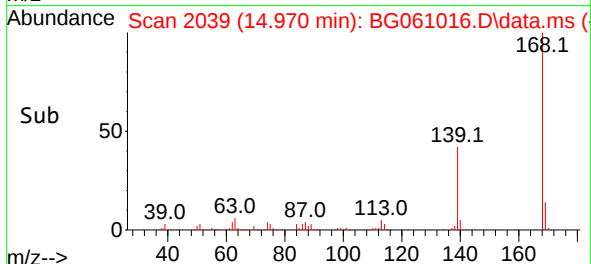
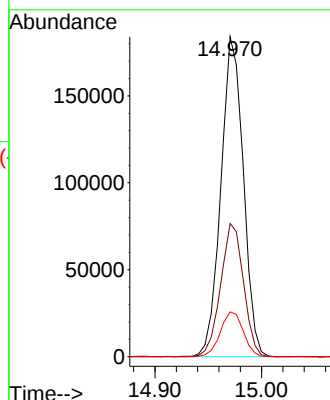
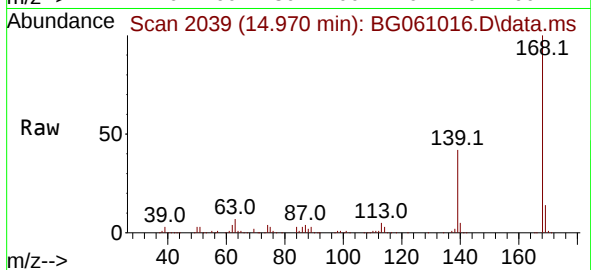
Tgt Ion:168 Resp: 268354
 Ion Ratio Lower Upper
 168 100
 139 41.6 32.4 48.6
 169 14.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#56

4-Nitrophenol

Concen: 75.142 ng

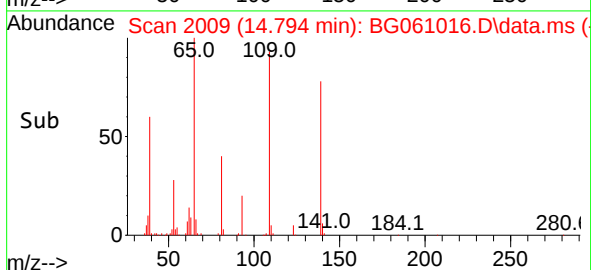
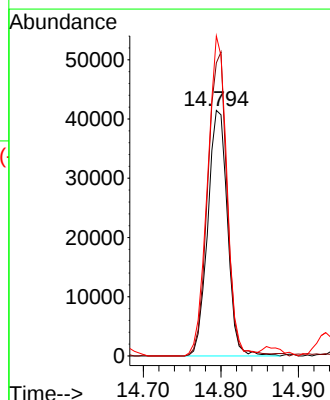
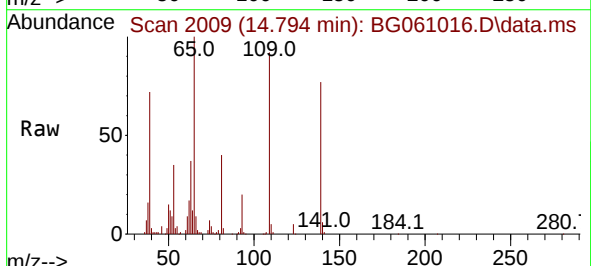
RT: 14.794 min Scan# 2009

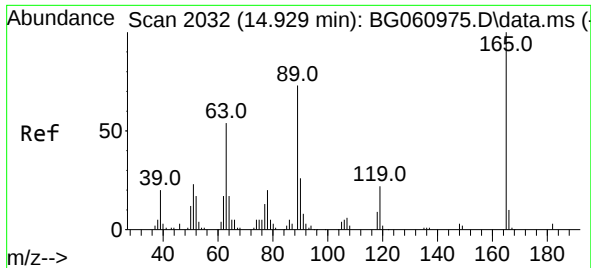
Delta R.T. 0.012 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:139 Resp: 73109
 Ion Ratio Lower Upper
 139 100
 109 119.4 104.1 144.1
 65 130.3 112.0 152.0





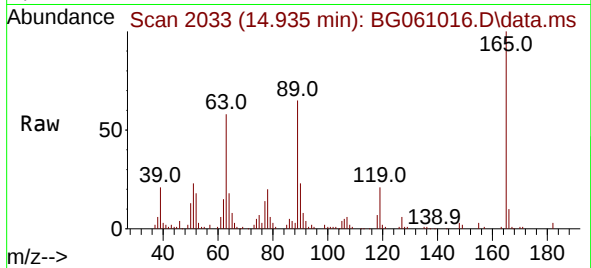
#57
2,4-Dinitrotoluene
Concen: 37.352 ng
RT: 14.935 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD



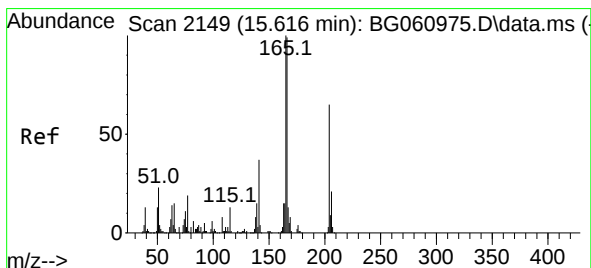
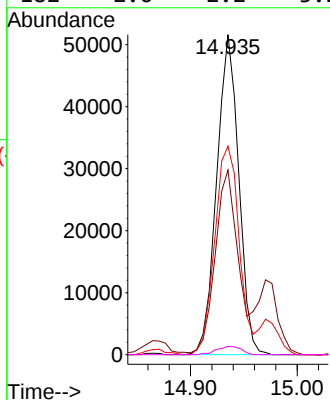
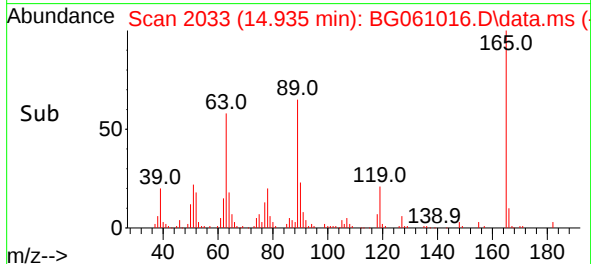
Tgt Ion:165 Resp: 7409
Ion Ratio Lower Upper
165 100
63 57.7 43.4 65.2
89 65.2 58.4 87.6
182 2.6 2.2 3.2

Manual Integrations

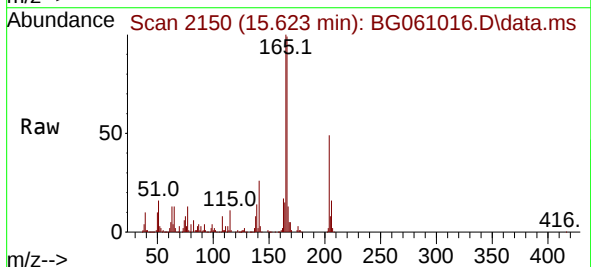
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

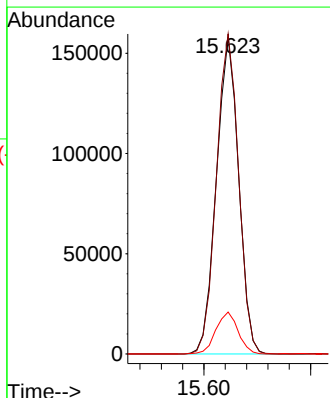
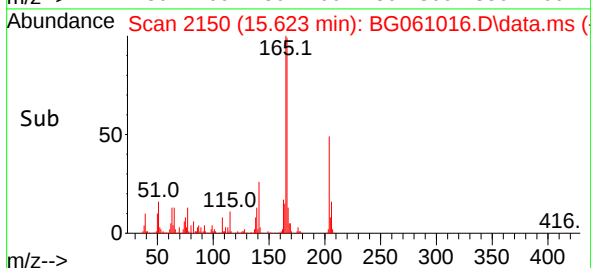
Supervised By :mohammad ahmed 04/27/2024

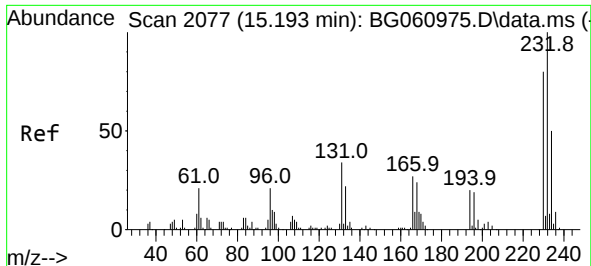


#58
Fluorene
Concen: 37.018 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



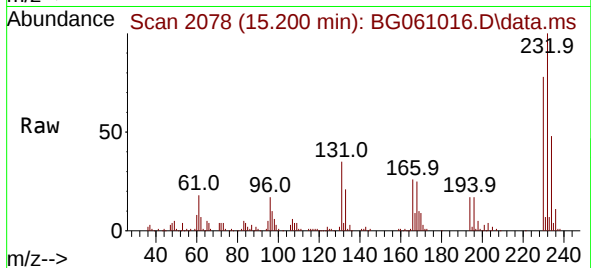
Tgt Ion:166 Resp: 228255
Ion Ratio Lower Upper
166 100
165 101.0 80.9 121.3
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.239 ng
RT: 15.200 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

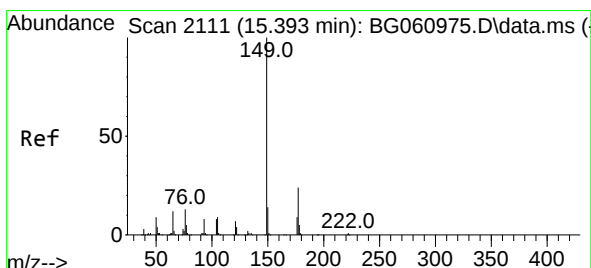
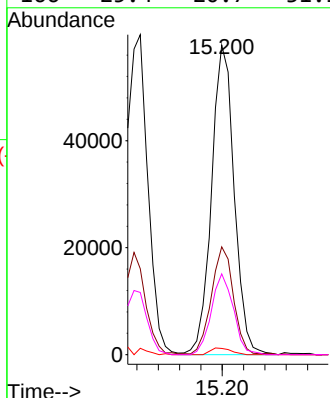
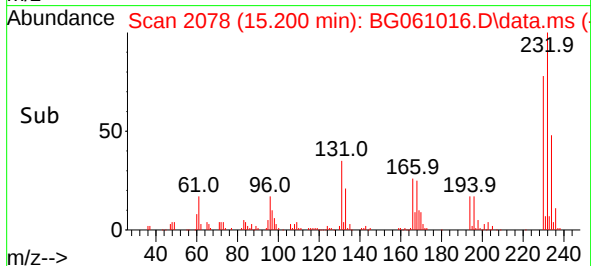
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



Tgt Ion:232 Resp: 8536
Ion Ratio Lower Upper
232 100
131 34.3 27.4 41.0
130 1.9 1.5 2.3
166 25.4 20.7 31.1

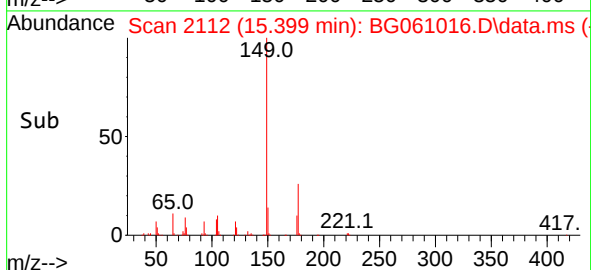
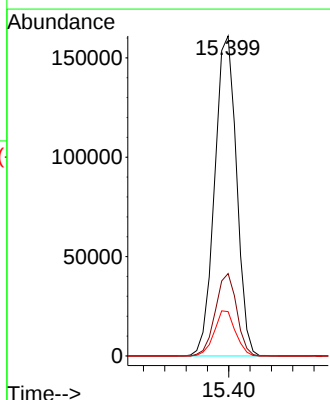
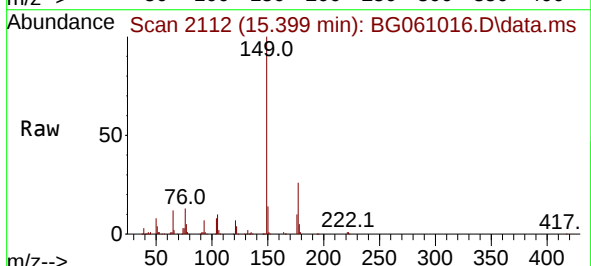
Manual Integrations
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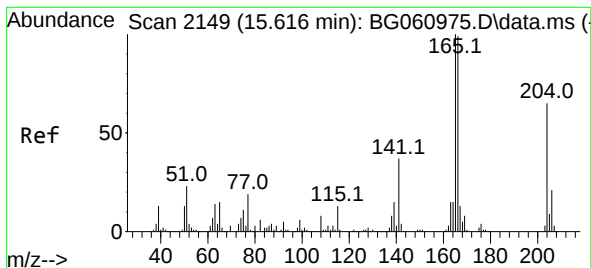
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 35.200 ng
RT: 15.399 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

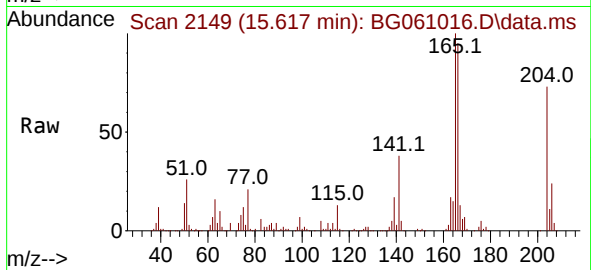
Tgt Ion:149 Resp: 228812
Ion Ratio Lower Upper
149 100
177 25.8 18.8 28.2
150 13.9 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 35.914 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

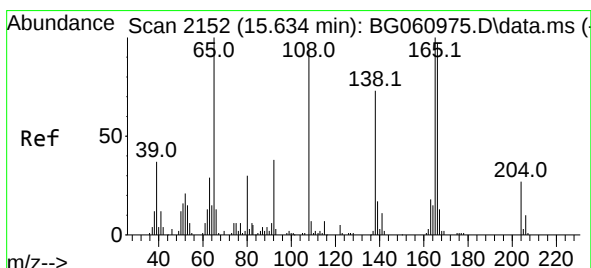
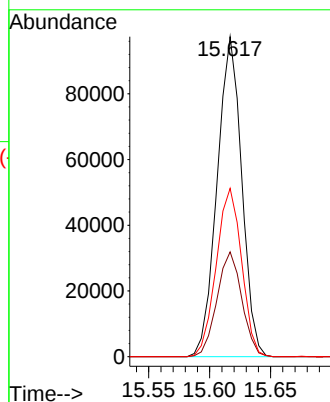
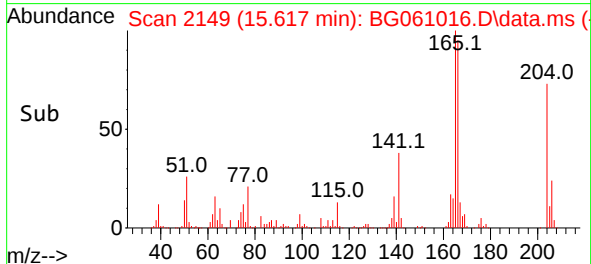
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



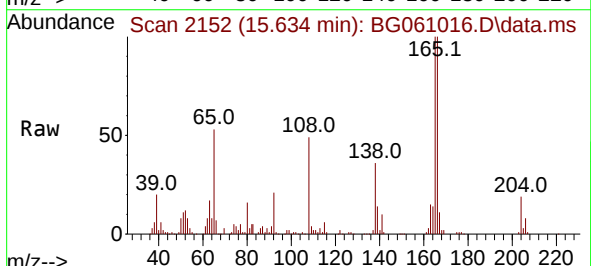
Tgt Ion:204 Resp: 136578
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 52.6 45.4 68.0

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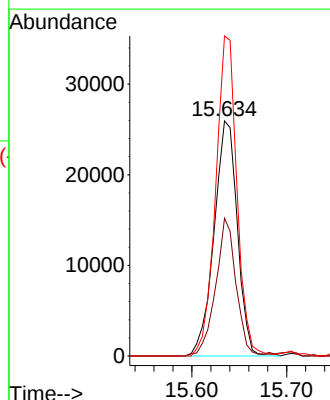
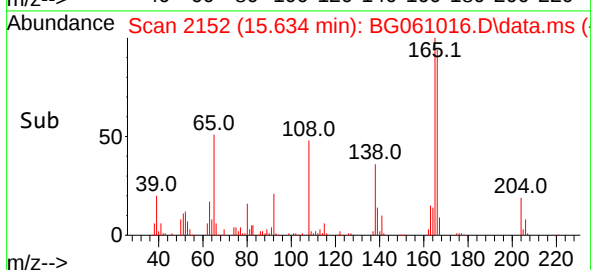
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

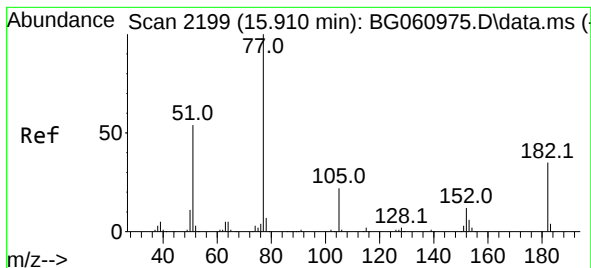


#62
4-Nitroaniline
Concen: 30.227 ng
RT: 15.634 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:138 Resp: 44263
Ion Ratio Lower Upper
138 100
92 58.6 32.2 72.2
108 136.1 109.0 149.0





#63

Azobenzene

Concen: 35.937 ng

RT: 15.910 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion: 77 Resp: 190000

Ion Ratio Lower Upper

77 100

182 31.8 14.5 54.5

105 19.9 1.9 41.9

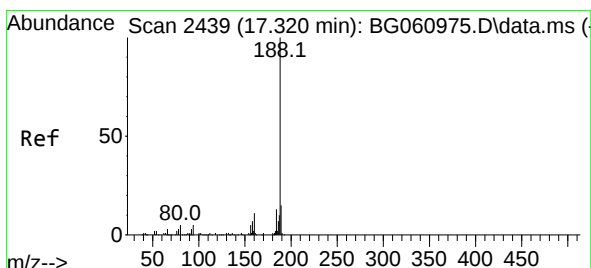
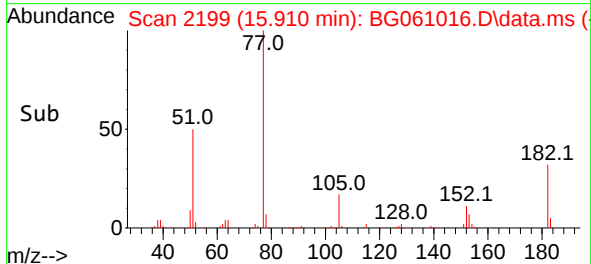
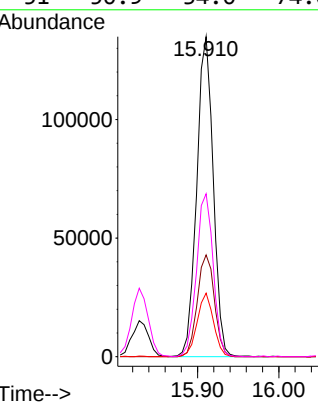
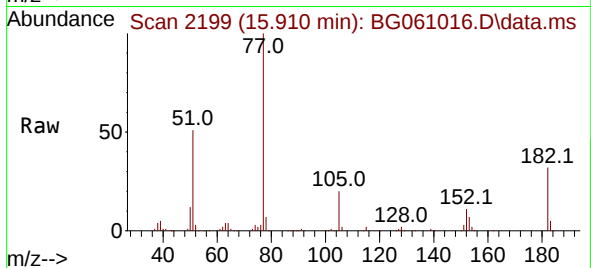
51 50.9 34.0 74.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

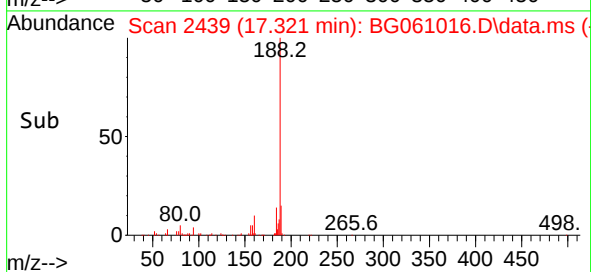
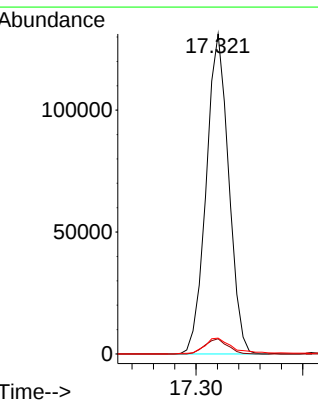
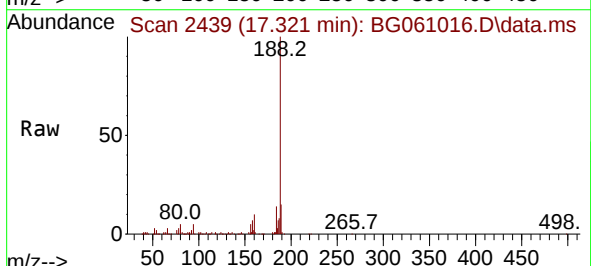
Tgt Ion:188 Resp: 191712

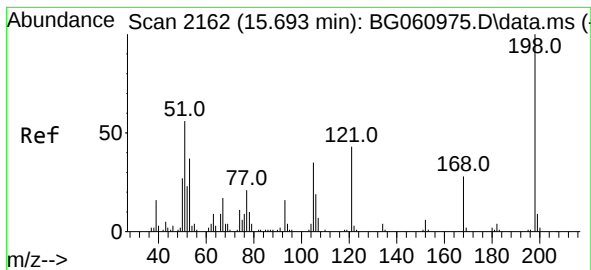
Ion Ratio Lower Upper

188 100

94 4.8 4.1 6.1

80 4.9 4.0 6.0





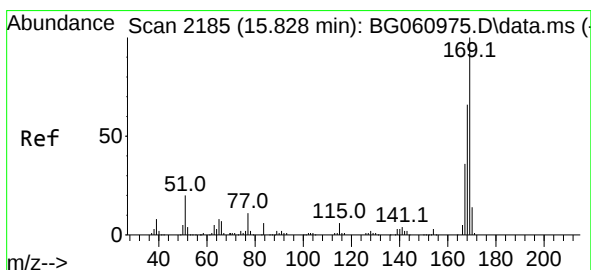
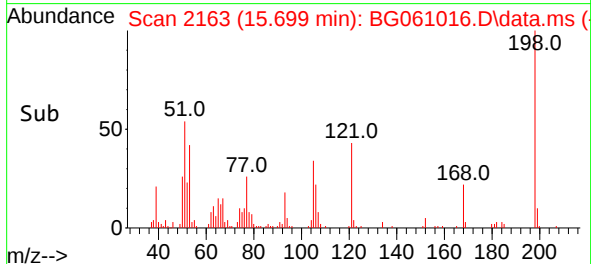
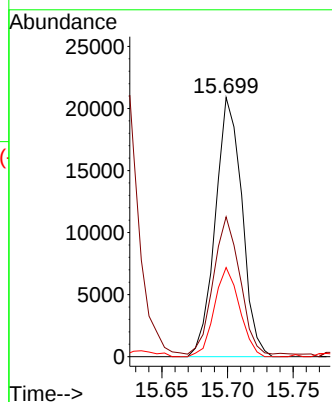
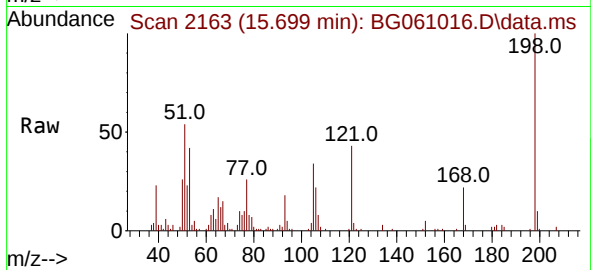
#65
4,6-Dinitro-2-methylphenol
Concen: 24.844 ng
RT: 15.699 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:198 Resp: 29409
Ion Ratio Lower Upper
198 100
51 54.0 38.6 78.6
105 34.4 14.5 54.5

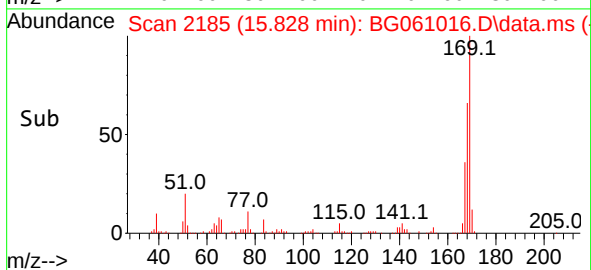
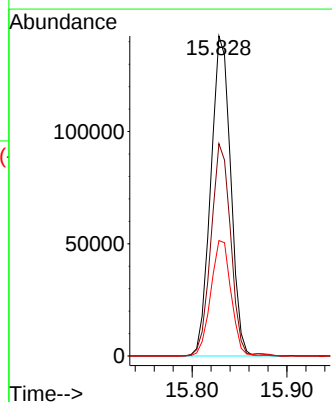
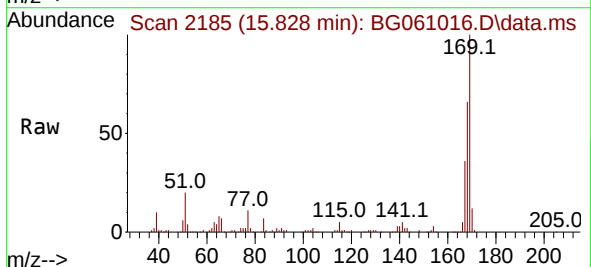
Manual Integrations
APPROVED

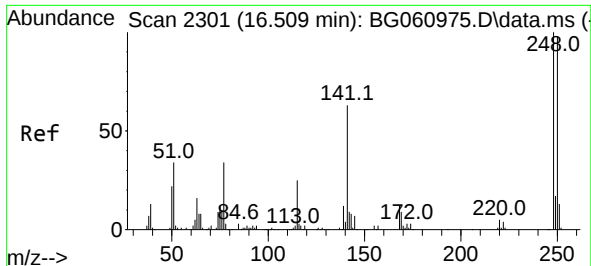
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#66
n-Nitrosodiphenylamine
Concen: 39.326 ng
RT: 15.828 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

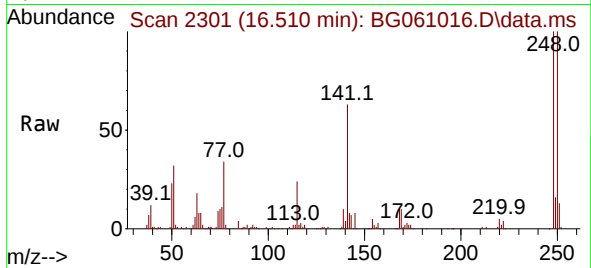
Tgt Ion:169 Resp: 207712
Ion Ratio Lower Upper
169 100
168 66.3 52.5 78.7
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.177 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

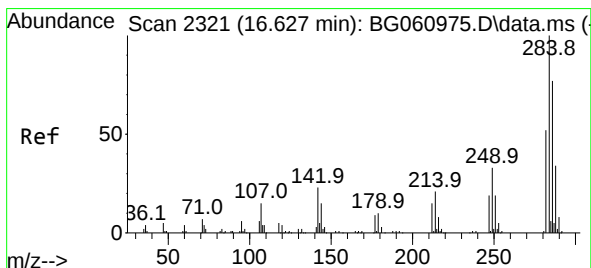
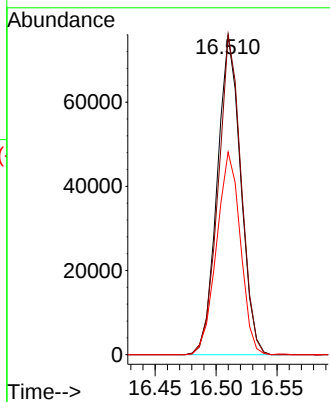
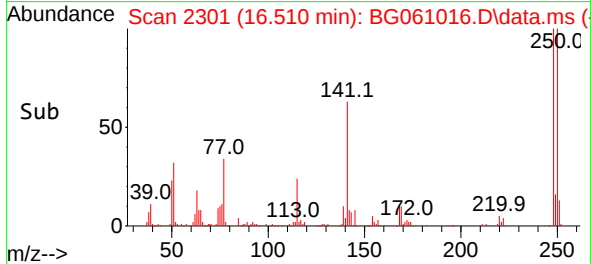
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



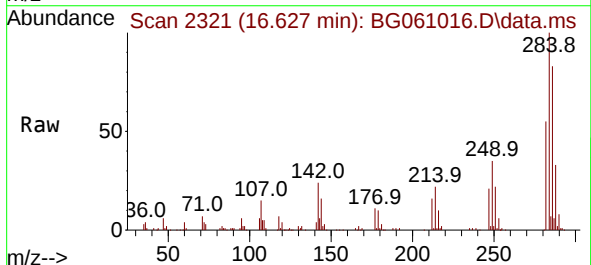
Tgt Ion:248 Resp: 101654
Ion Ratio Lower Upper
248 100
250 100.3 78.7 118.1
141 63.5 50.4 75.6

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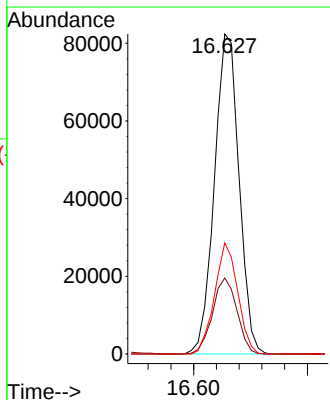
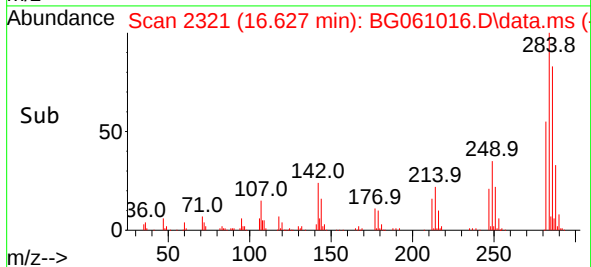
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

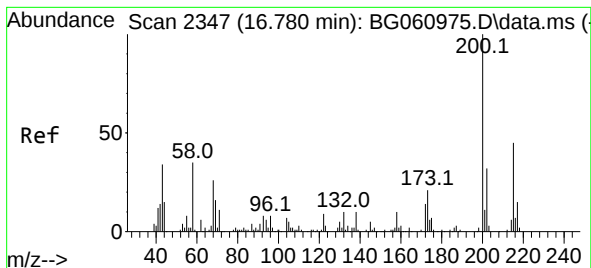


#68
Hexachlorobenzene
Concen: 44.264 ng
RT: 16.627 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



Tgt Ion:284 Resp: 123705
Ion Ratio Lower Upper
284 100
142 23.8 18.7 28.1
249 34.7 26.4 39.6





#69

Atrazine

Concen: 35.922 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

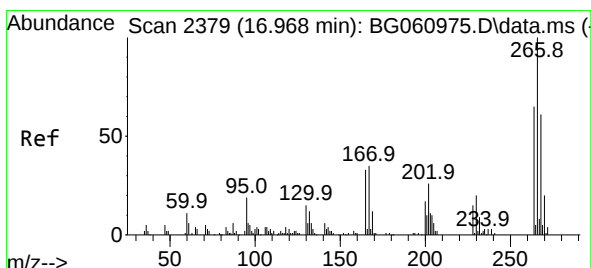
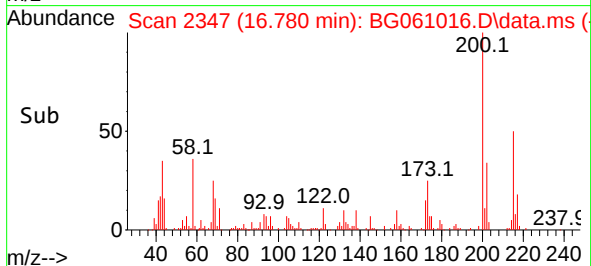
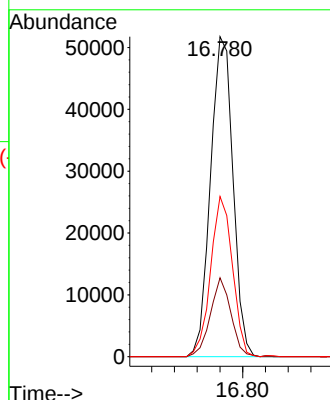
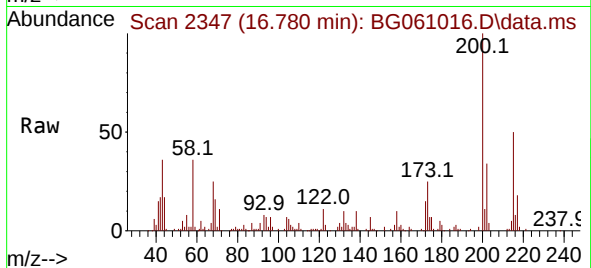
Tgt Ion:	200	Resp:	7101
Ion Ratio	Lower	Upper	
200	100		
173	24.6	1.4	41.4
215	50.1	25.3	65.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 85.109 ng

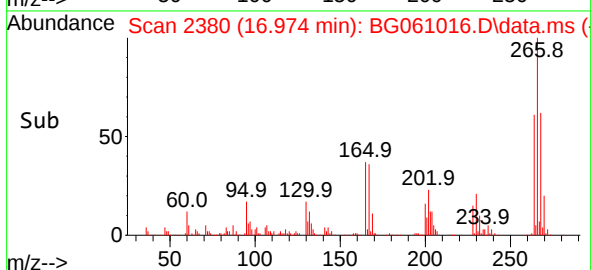
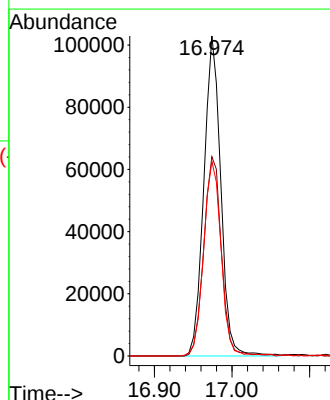
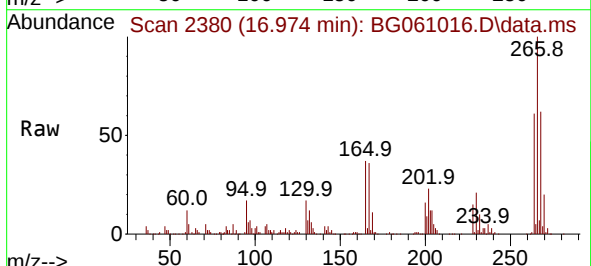
RT: 16.974 min Scan# 2380

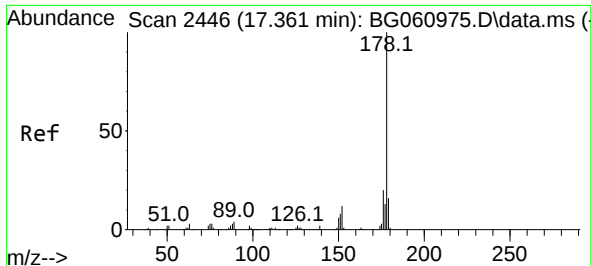
Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

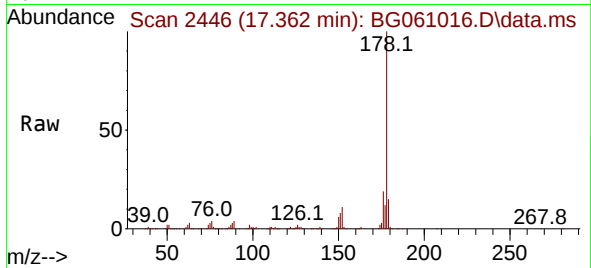
Tgt Ion:	266	Resp:	155967
Ion Ratio	Lower	Upper	
266	100		
268	62.3	49.1	73.7
264	60.7	52.2	78.2





#71
Phenanthrene
Concen: 40.571 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

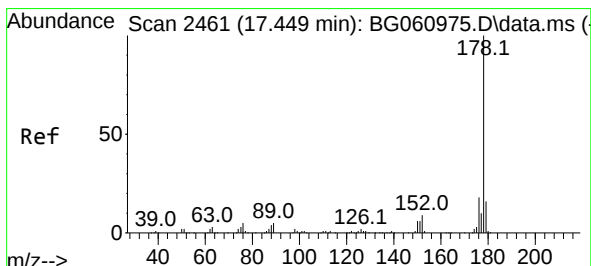
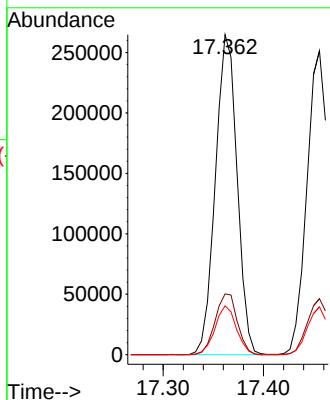
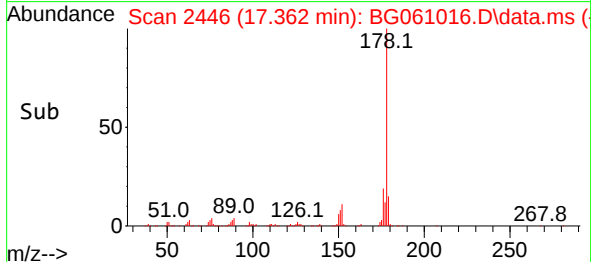
Instrument :
BNA_G
ClientSampleId :
SILICAMSD



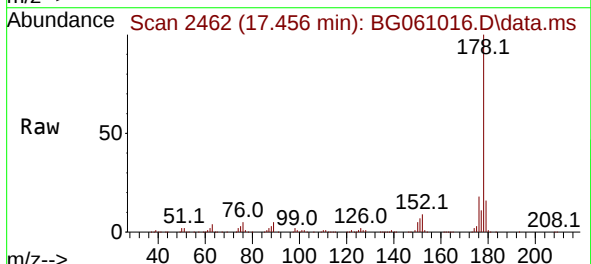
Tgt Ion:178 Resp: 397010
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.3 12.5 18.7

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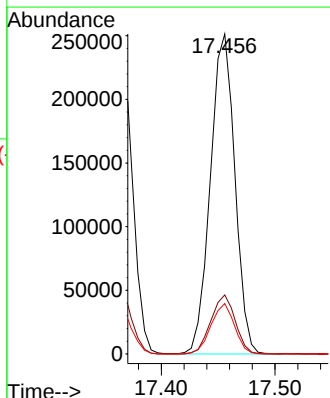
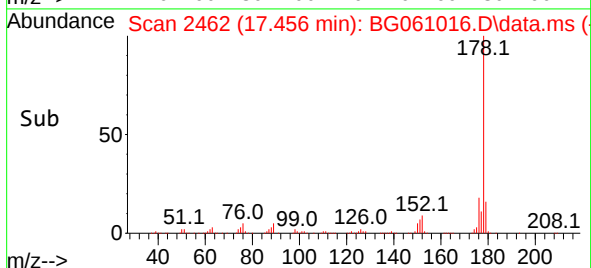
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

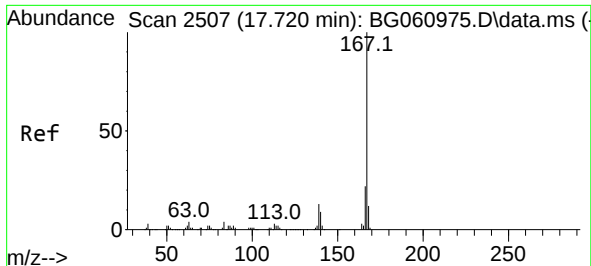


#72
Anthracene
Concen: 37.342 ng
RT: 17.456 min Scan# 2462
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44



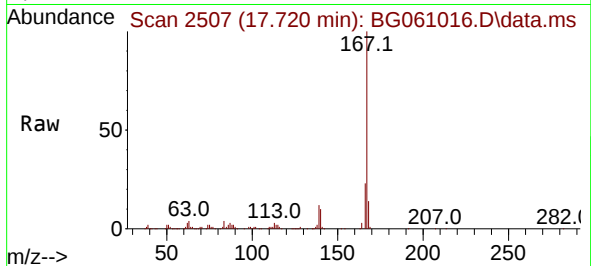
Tgt Ion:178 Resp: 376343
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 40.340 ng
 RT: 17.720 min Scan# 2507
 Delta R.T. 0.000 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44

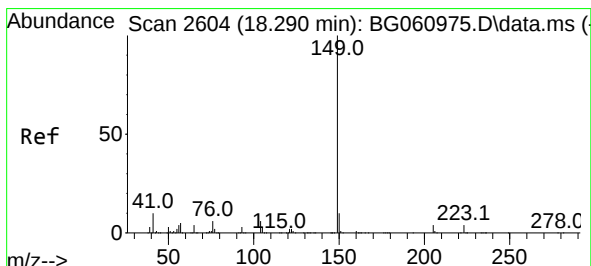
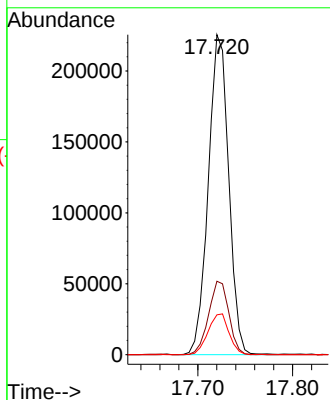
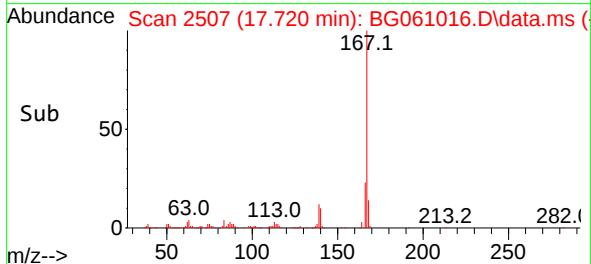
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMSD



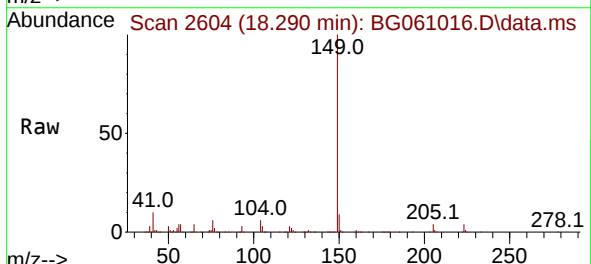
Tgt Ion:167 Resp: 337652
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 12.5 10.2 15.2

Manual Integrations
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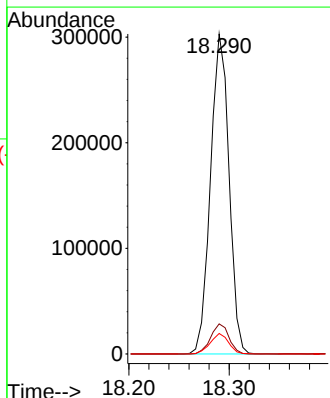
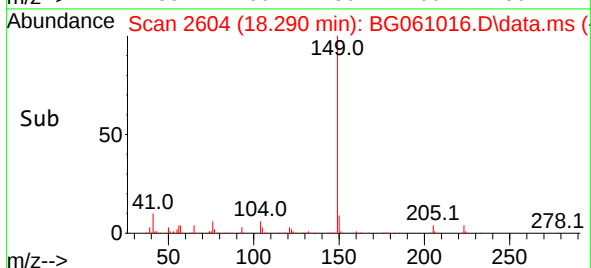
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

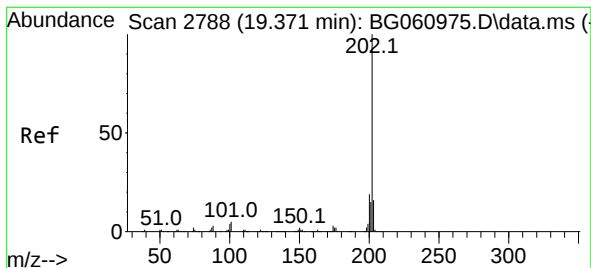


#74
 Di-n-butylphthalate
 Concen: 38.216 ng
 RT: 18.290 min Scan# 2604
 Delta R.T. 0.000 min
 Lab File: BG061016.D
 Acq: 23 Apr 2024 20:44



Tgt Ion:149 Resp: 388353
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 39.519 ng

RT: 19.377 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:202 Resp: 513224

Ion Ratio Lower Upper

202 100

101 4.7 0.0 24.9

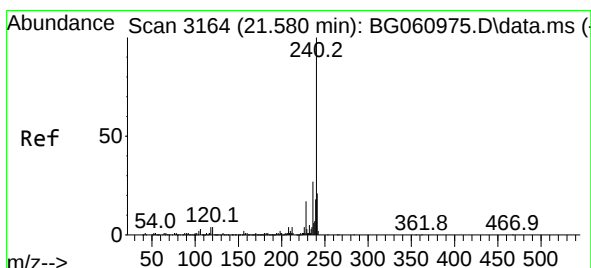
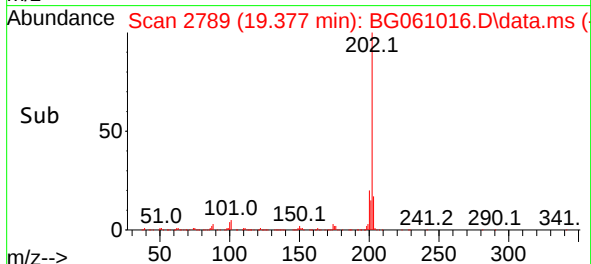
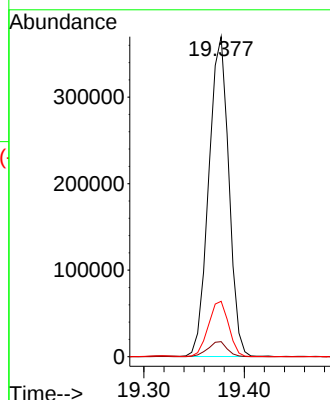
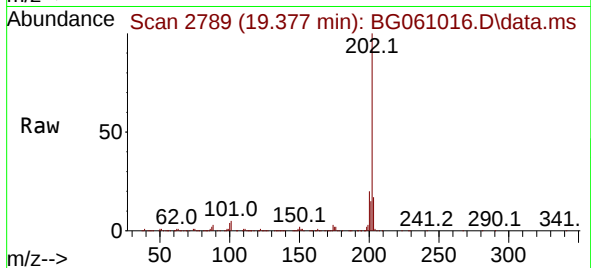
203 17.3 0.0 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

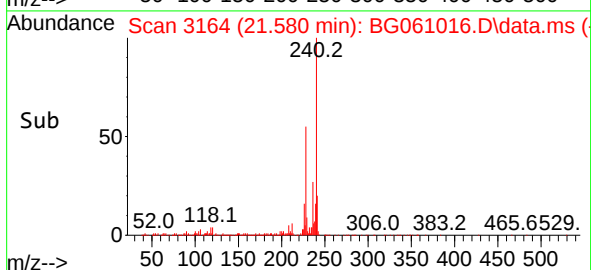
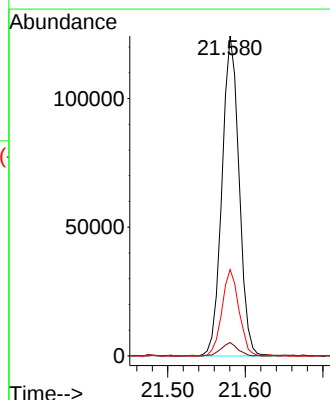
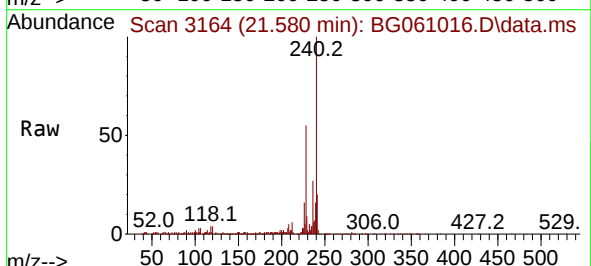
Tgt Ion:240 Resp: 191168

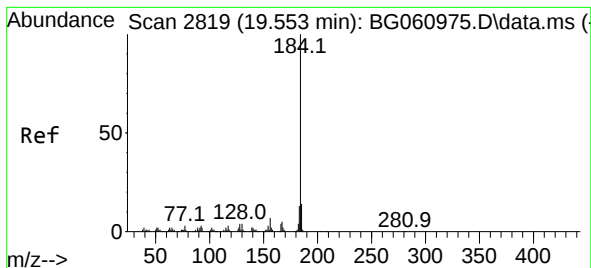
Ion Ratio Lower Upper

240 100

120 4.2 3.0 4.6

236 27.0 21.8 32.6





#77

Benzidine

Concen: 19.576 ng

RT: 19.553 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

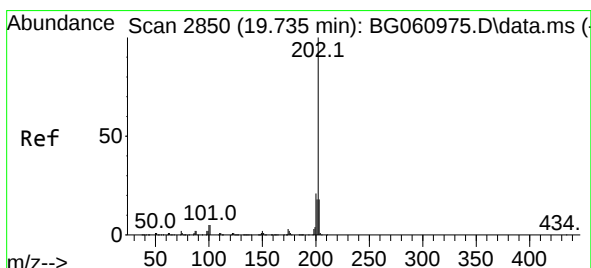
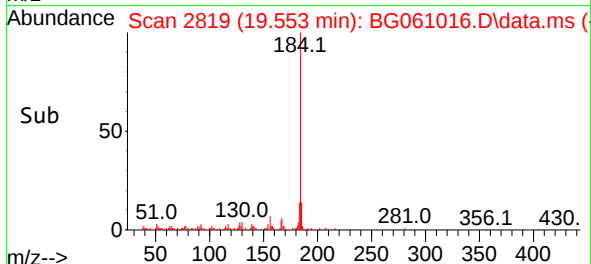
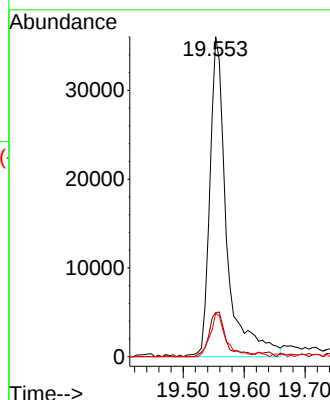
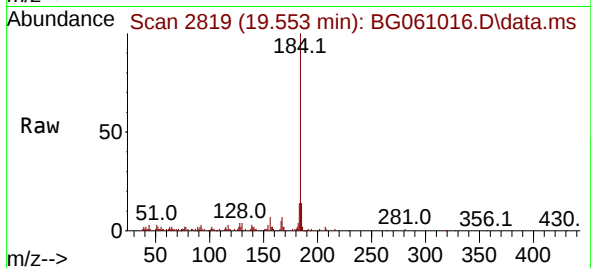
Tgt Ion:184	Resp: 69340
Ion Ratio	Lower Upper
184	100
185	13.8 11.3 16.9
183	13.6 10.2 15.2

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Supervised By :mohammad ahmed 04/27/2024



#78

Pyrene

Concen: 40.332 ng

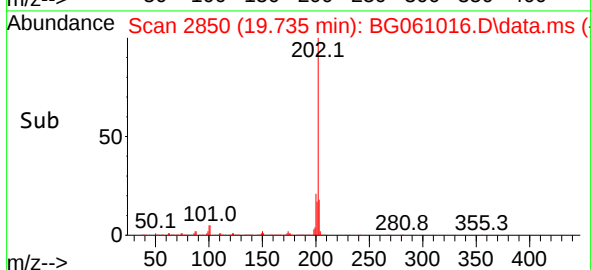
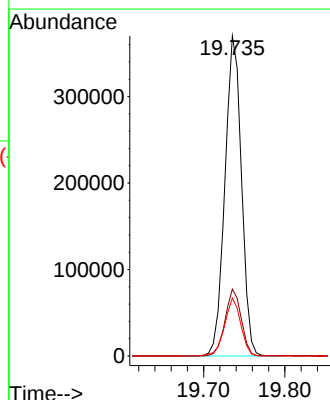
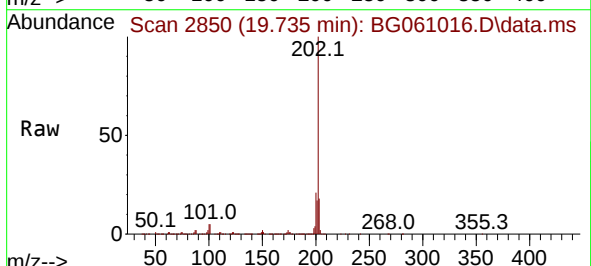
RT: 19.735 min Scan# 2850

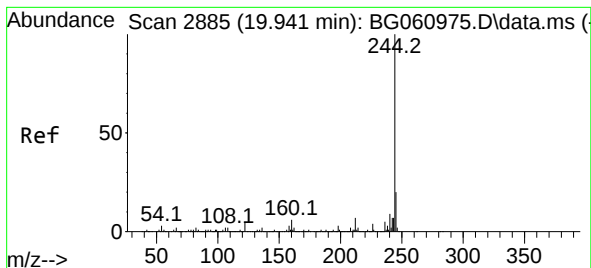
Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:202	Resp: 524985
Ion Ratio	Lower Upper
202	100
200	20.9 16.8 25.2
203	18.1 14.2 21.2





#79

Terphenyl-d14

Concen: 75.818 ng

RT: 19.941 min Scan# 2885

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:244 Resp: 933740

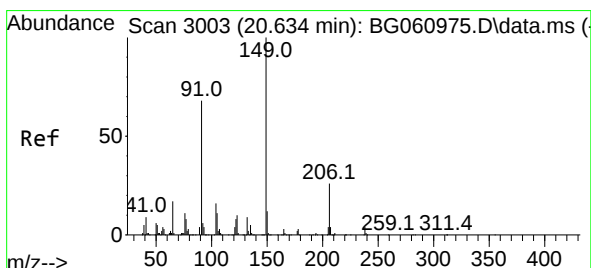
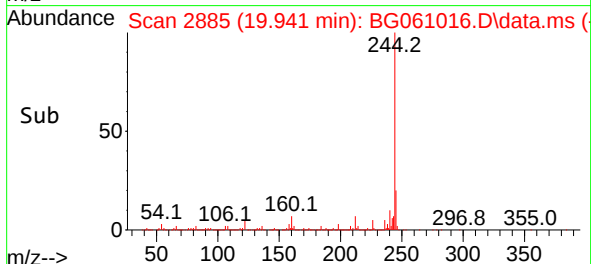
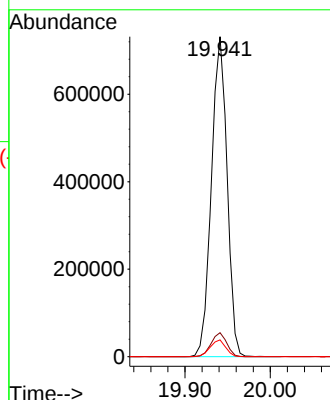
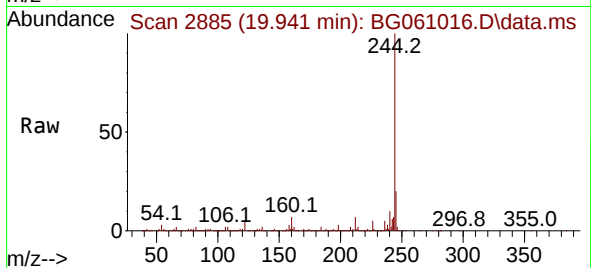
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	5.3	4.2	6.2

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Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 39.316 ng

RT: 20.634 min Scan# 3003

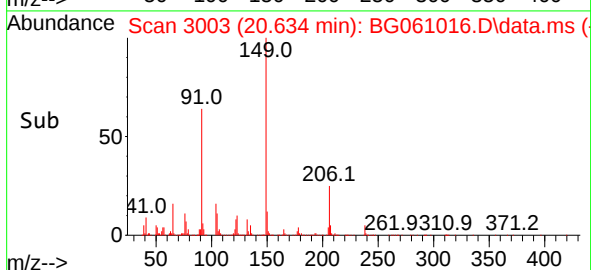
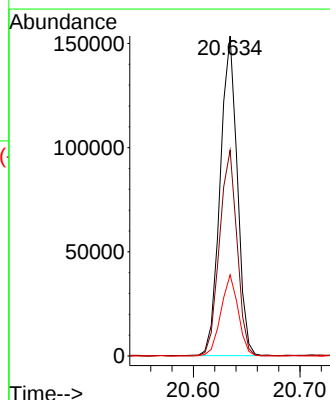
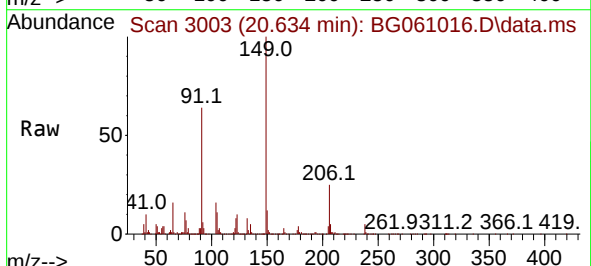
Delta R.T. 0.000 min

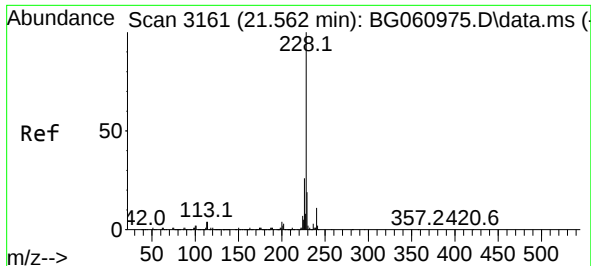
Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:149 Resp: 170572

Ion	Ratio	Lower	Upper
149	100		
91	64.3	54.4	81.6
206	25.3	20.8	31.2





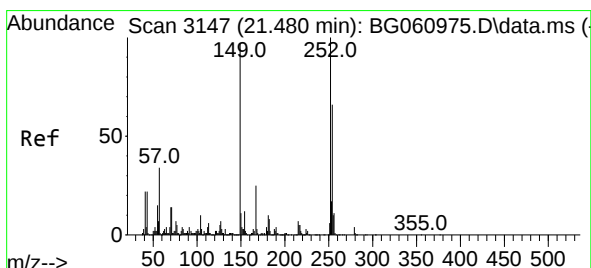
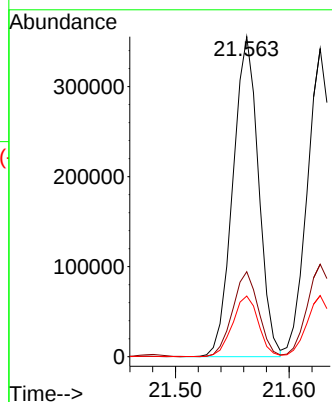
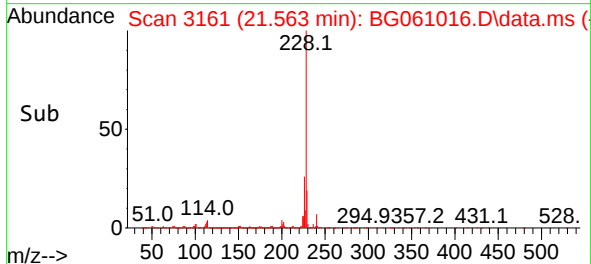
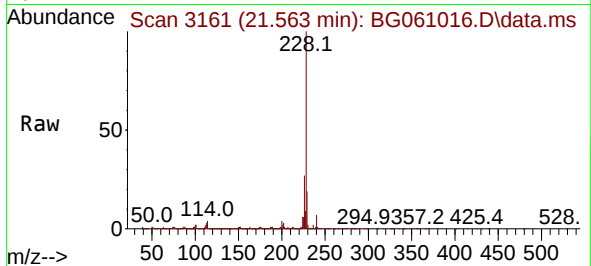
#81
Benzo(a)anthracene
Concen: 41.352 ng
RT: 21.563 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:228 Resp: 55577
Ion Ratio Lower Upper
228 100
226 26.5 21.0 31.4
229 19.0 15.0 22.4

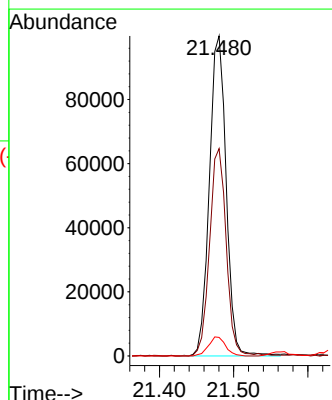
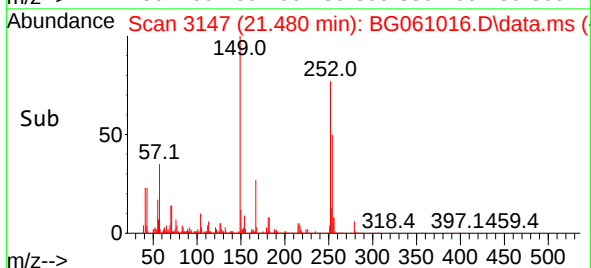
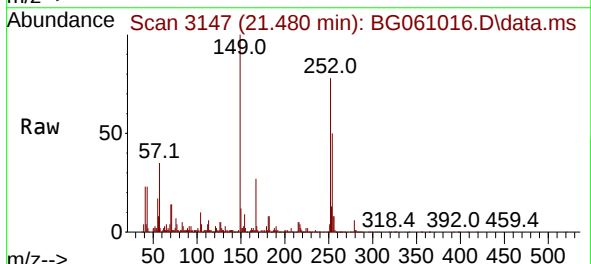
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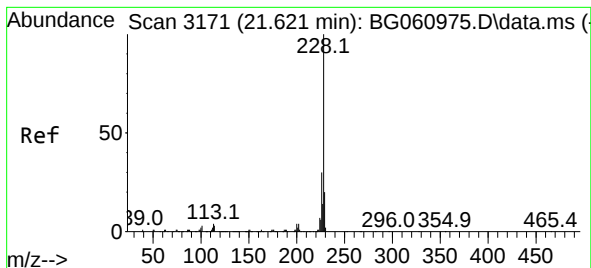
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.393 ng
RT: 21.480 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:252 Resp: 157339
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 5.8 4.2 6.2





#83

Chrysene

Concen: 40.842 ng

RT: 21.627 min Scan# 3171

Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

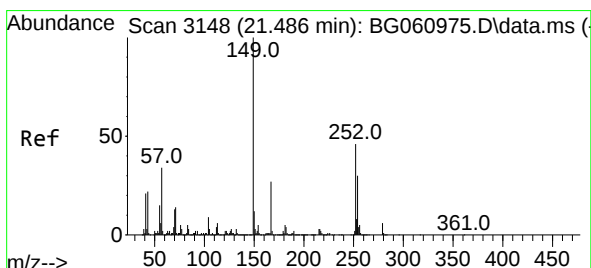
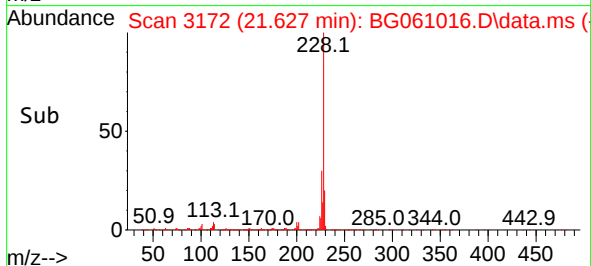
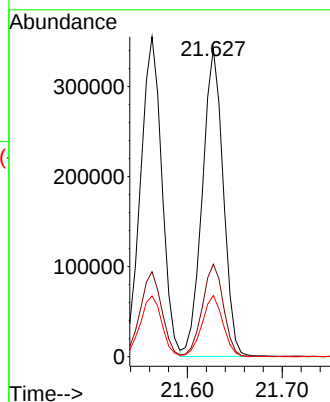
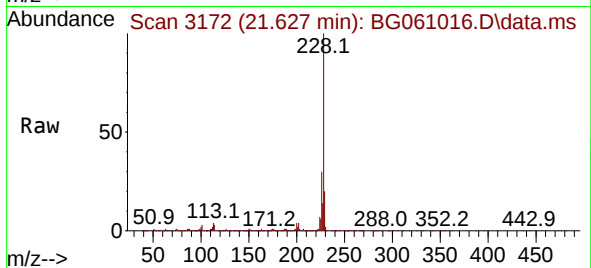
Tgt Ion:	228	Resp:	52262
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.2
229	19.8	15.7	23.5

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.293 ng

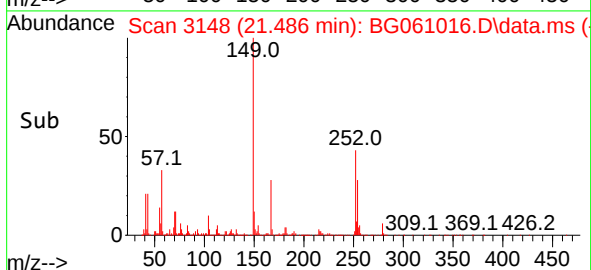
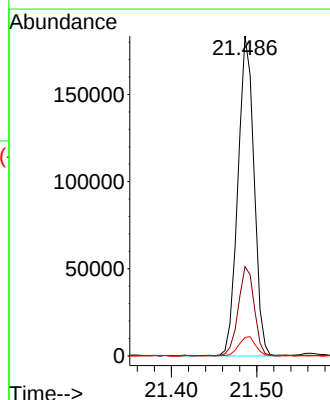
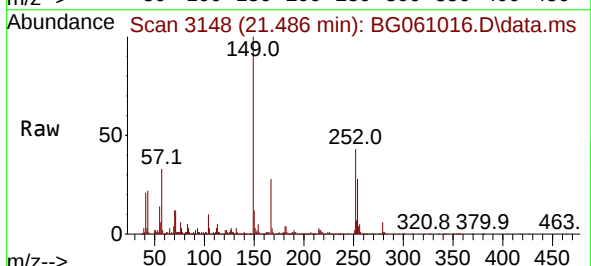
RT: 21.486 min Scan# 3148

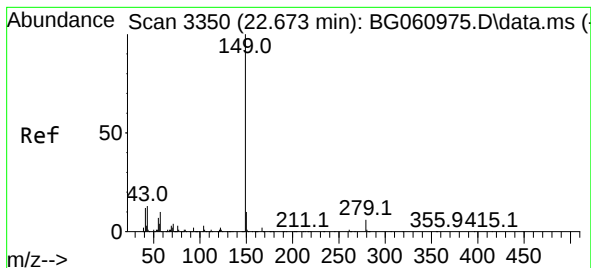
Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:	149	Resp:	241537
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.8	32.8
279	5.8	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 38.796 ng

RT: 22.673 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:149 Resp: 406280

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

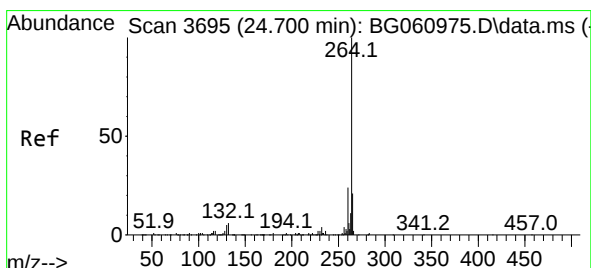
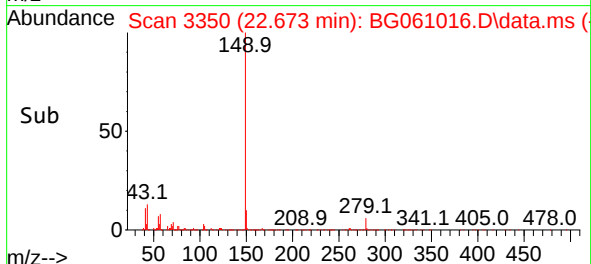
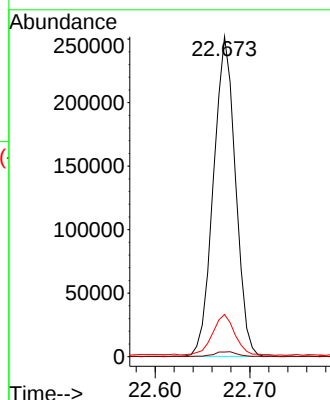
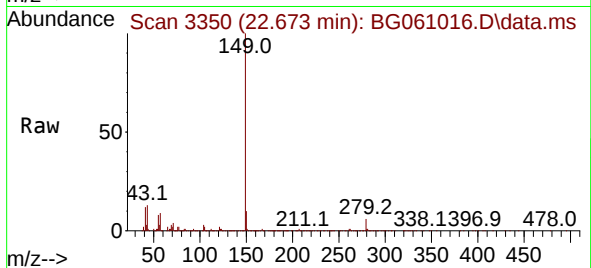
43 13.0 11.0 16.6

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.706 min Scan# 3696

Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

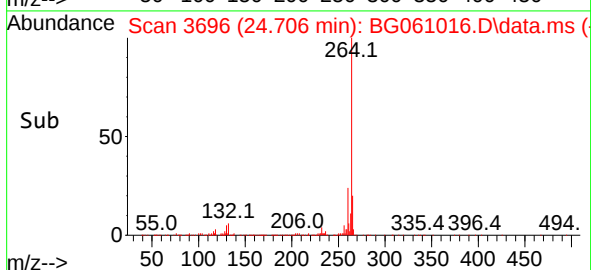
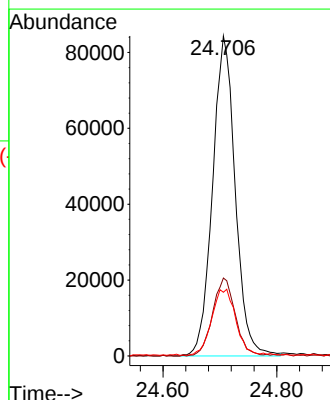
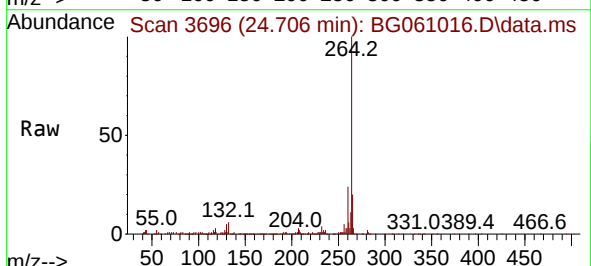
Tgt Ion:264 Resp: 233270

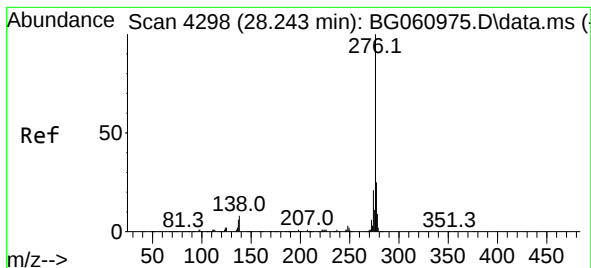
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 19.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.258 ng

RT: 28.255 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:276 Resp: 65146

Ion Ratio Lower Upper

276 100

138 4.6 5.3 7.9

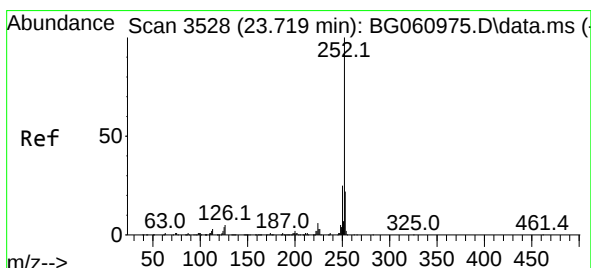
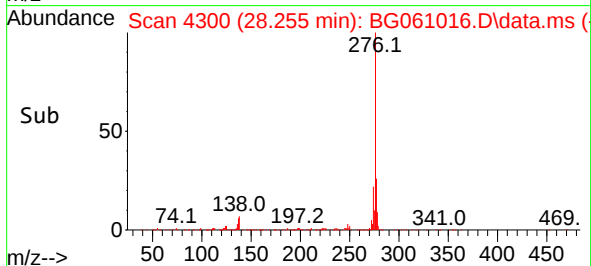
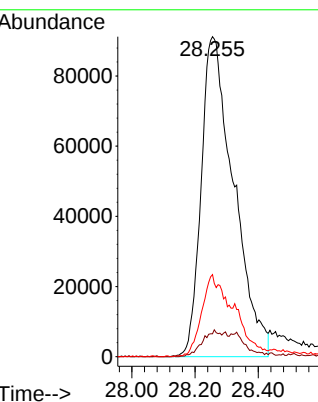
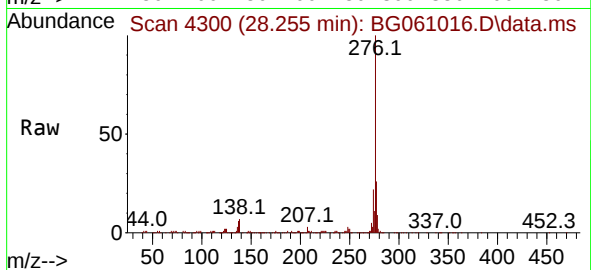
277 19.4 20.6 30.8

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 42.455 ng

RT: 23.719 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

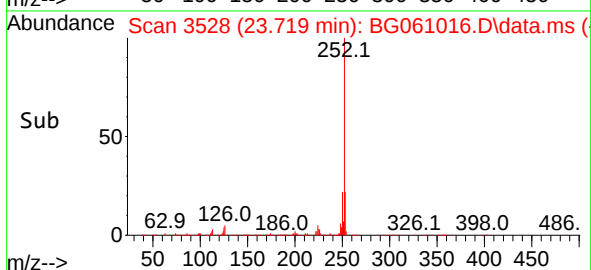
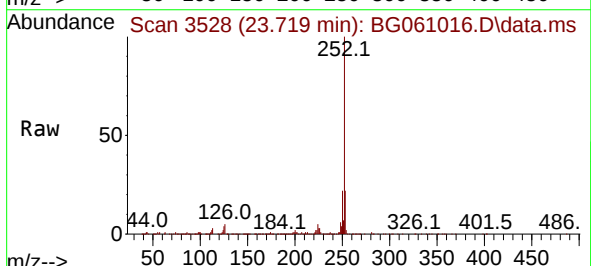
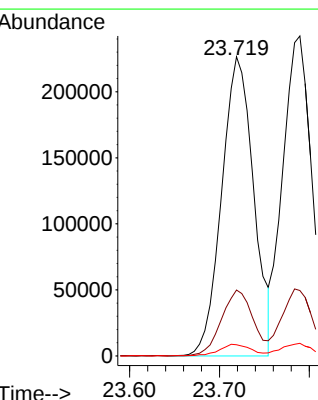
Tgt Ion:252 Resp: 561229

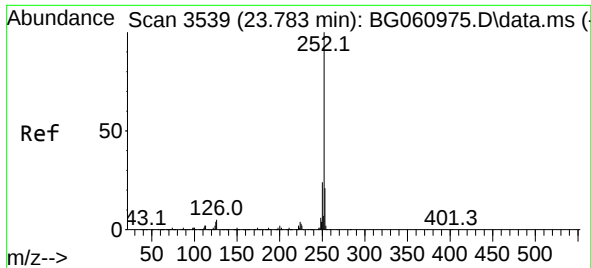
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 3.7 3.3 4.9





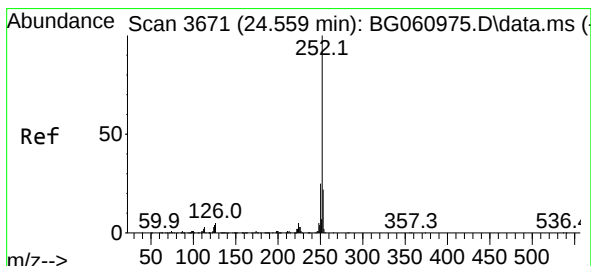
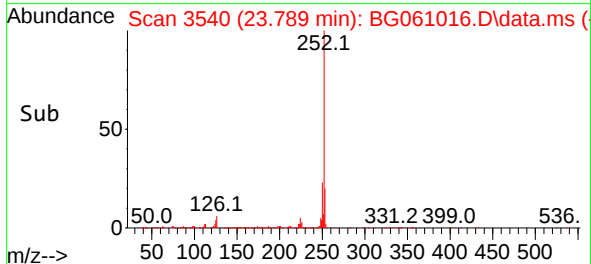
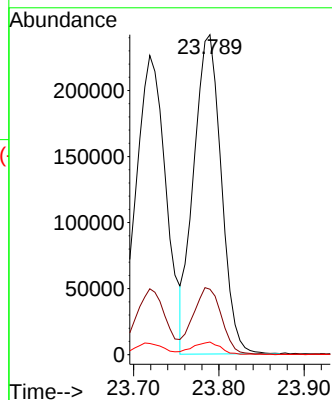
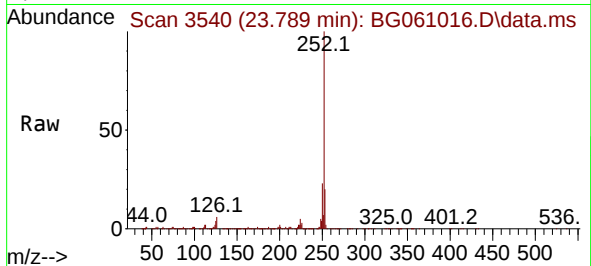
#89
Benzo(k)fluoranthene
Concen: 40.711 ng
RT: 23.789 min Scan# 3540
Delta R.T. 0.006 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Tgt Ion:252 Resp: 543268
Ion Ratio Lower Upper
252 100
253 20.5 16.6 25.0
125 3.9 3.3 4.9

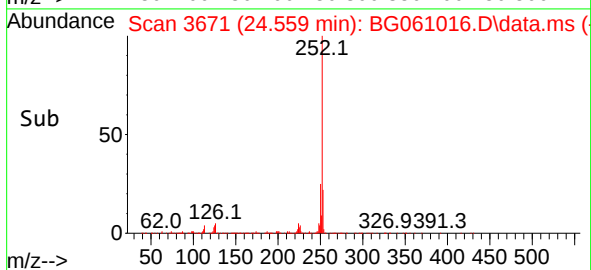
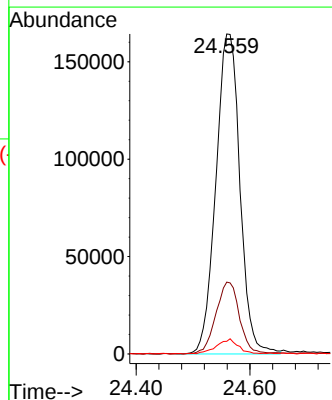
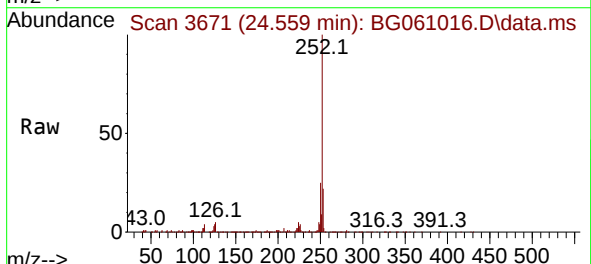
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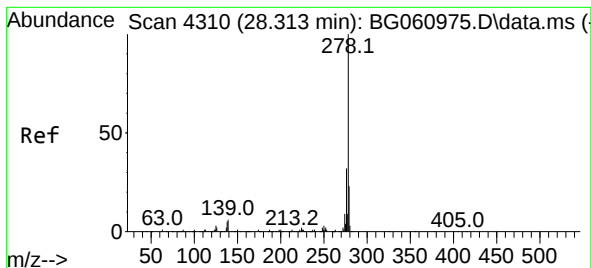
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#90
Benzo(a)pyrene
Concen: 37.714 ng
RT: 24.559 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BG061016.D
Acq: 23 Apr 2024 20:44

Tgt Ion:252 Resp: 482567
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 3.9 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 42.269 ng

RT: 28.331 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Instrument :

BNA_G

ClientSampleId :

SILICAMSD

Tgt Ion:278 Resp: 55883

Ion Ratio Lower Upper

278 100

139 5.8 4.7 7.1

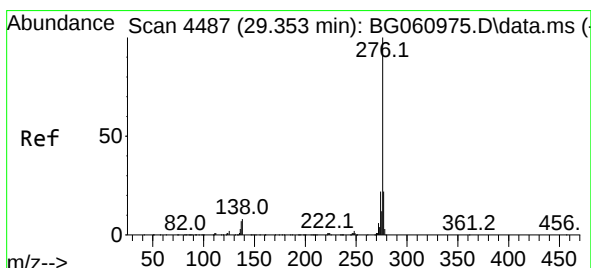
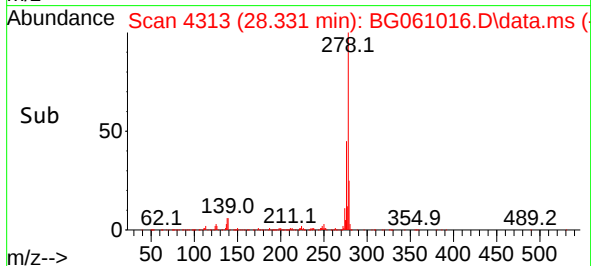
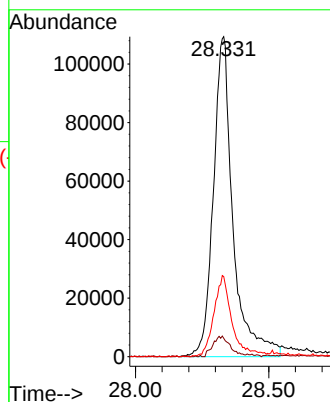
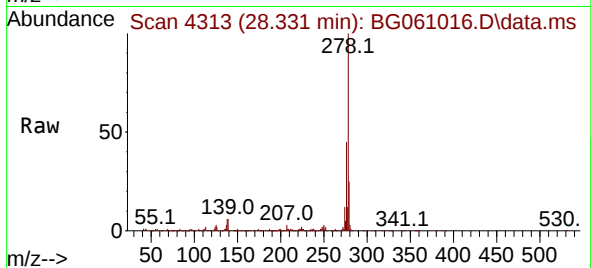
279 25.0 18.2 27.4

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Supervised By :mohammad ahmed 04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 35.053 ng

RT: 29.359 min Scan# 4488

Delta R.T. 0.006 min

Lab File: BG061016.D

Acq: 23 Apr 2024 20:44

Tgt Ion:276 Resp: 459504

Ion Ratio Lower Upper

276 100

277 22.3 18.0 27.0

138 8.1 6.5 9.7

