

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057414.D
 Acq On : 12 May 2023 18:15
 Operator : CG/JU
 Sample : 02643-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MSD

Quant Time: May 13 03:17:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

05/15/2023
 Supervised By : Yogesh
 Patel

05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.362	152	15225	20.000	ng	0.00
21) Naphthalene-d8	11.206	136	63811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	50949	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	130959	20.000	ng	0.00
76) Chrysene-d12	22.032	240	117133	20.000	ng	0.00
86) Perylene-d12	25.533	264	124406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.883	112	64026	71.937	ng	0.00
7) Phenol-d6	7.505	99	94210	69.705	ng	0.00
23) Nitrobenzene-d5	9.543	82	77863	51.213	ng	0.00
42) 2,4,6-Tribromophenol	16.463	330	71147	98.417	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	214180	56.617	ng	0.00
79) Terphenyl-d14	20.287	244	451818	62.948	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.675	88	7826	21.266	ng	Qvalue 95
3) Pyridine	4.109	79	13619	11.516	ng	88
4) n-Nitrosodimethylamine	4.009	42	12131	21.827	ng	# 96
6) Aniline	7.675	93	28494	16.619	ng	98
8) 2-Chlorophenol	7.928	128	24904	26.480	ng	97
9) Benzaldehyde	7.487	77	15213	17.255	ng	95
10) Phenol	7.534	94	31310	23.764	ng	98
11) bis(2-Chloroethyl)ether	7.763	93	24218	24.377	ng	97
12) 1,3-Dichlorobenzene	8.257	146	27598	26.588	ng	96
13) 1,4-Dichlorobenzene	8.398	146	28533	27.366	ng	97
14) 1,2-Dichlorobenzene	8.727	146	27464	27.286	ng	98
15) Benzyl Alcohol	8.597	79	29810	26.476	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.891	45	30720	24.533	ng	95
17) 2-Methylphenol	8.803	107	24371	25.661	ng	94
18) Hexachloroethane	9.461	117	9843	26.160	ng	88
19) n-Nitroso-di-n-propyla...	9.161	70	25700	24.937	ng	99
20) 3+4-Methylphenols	9.132	107	33145	25.487	ng	94
22) Acetophenone	9.191	105	45588	24.961	ng	# 95
24) Nitrobenzene	9.584	77	36297	23.653	ng	96
25) Isophorone	10.101	82	72580	24.619	ng	98
26) 2-Nitrophenol	10.307	139	13687	23.302	ng	91
27) 2,4-Dimethylphenol	10.348	122	27245	26.489	ng	99
28) bis(2-Chloroethoxy)met...	10.577	93	37245	25.218	ng	98
29) 2,4-Dichlorophenol	10.847	162	31114	28.522	ng	94
30) 1,2,4-Trichlorobenzene	11.059	180	32388	25.741	ng	95
31) Naphthalene	11.253	128	86893	25.471	ng	98
32) Benzoic acid	10.471	122	11121m	21.625	ng	
33) 4-Chloroaniline	11.352	127	29611	19.328	ng	94
34) Hexachlorobutadiene	11.523	225	22915	24.544	ng	95
35) Caprolactam	12.122	113	9941	26.678	ng	# 80
36) 4-Chloro-3-methylphenol	12.451	107	36020	29.056	ng	98
37) 2-Methylnaphthalene	12.833	142	69105	25.764	ng	96
38) 1-Methylnaphthalene	13.050	142	65116	25.757	ng	100
40) 1,2,4,5-Tetrachloroben...	13.191	216	49369	27.295	ng	98
41) Hexachlorocyclopentadiene	13.162	237	24763	32.536	ng	96
43) 2,4,6-Trichlorophenol	13.426	196	31962	29.005	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.508	196	34489	26.608	ng	99	05/16/2023
46) 1,1'-Biphenyl	13.814	154	104120	27.541	ng	99	
47) 2-Chloronaphthalene	13.867	162	79912	28.425	ng	98	
48) 2-Nitroaniline	14.066	65	28044	29.337	ng	96	
49) Acenaphthylene	14.707	152	129255	28.300	ng	99	
50) Dimethylphthalate	14.413	163	121325	28.978	ng	98	
51) 2,6-Dinitrotoluene	14.548	165	26354	30.830	ng	91	
52) Acenaphthene	15.047	154	78145	27.380	ng	96	
53) 3-Nitroaniline	14.877	138	20203	23.591	ng	96	
54) 2,4-Dinitrophenol	15.094	184	24195	47.812	ng	99	
55) Dibenzofuran	15.376	168	136535	28.472	ng	97	
56) 4-Nitrophenol	15.188	139	28483	50.007	ng	91	
57) 2,4-Dinitrotoluene	15.335	165	36123	29.568	ng	93	
58) Fluorene	16.017	166	118060	29.889	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.600	232	35653	30.339	ng	99	
60) Diethylphthalate	15.758	149	124300	29.235	ng	98	
61) 4-Chlorophenyl-phenyle...	15.999	204	68760	28.896	ng	97	
62) 4-Nitroaniline	16.040	138	26060	30.164	ng	99	
63) Azobenzene	16.293	77	112295	27.373	ng	95	
65) 4,6-Dinitro-2-methylph...	16.099	198	21092	26.976	ng	95	
66) n-Nitrosodiphenylamine	16.211	169	105499	29.661	ng	97	
67) 4-Bromophenyl-phenylether	16.892	248	48598	30.399	ng	98	
68) Hexachlorobenzene	17.027	284	50751	32.668	ng	95	
69) Atrazine	17.145	200	46866	34.541	ng	98	
70) Pentachlorophenol	17.374	266	46982	52.474	ng	99	
71) Phenanthrene	17.761	178	203423	30.314	ng	100	
72) Anthracene	17.855	178	207340	30.112	ng	97	
73) Carbazole	18.120	167	181353	31.285	ng	98	
74) Di-n-butylphthalate	18.637	149	205613	30.829	ng	99	
75) Fluoranthene	19.753	202	250985	30.072	ng	99	
77) Benzidine	19.923	184	16265	6.211	ng	98	
78) Pyrene	20.111	202	256326	30.115	ng	99	
80) Butylbenzylphthalate	20.963	149	87056	32.235	ng	97	
81) Benzo(a)anthracene	22.009	228	251115	30.090	ng	99	
82) 3,3'-Dichlorobenzidine	21.903	252	81948	30.657	ng	97	
83) Chrysene	22.079	228	232138	29.564	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.850	149	122509	30.659	ng	99	
85) Di-n-octyl phthalate	23.148	149	209524	31.453	ng	97	
87) Indeno(1,2,3-cd)pyrene	29.581	276	275591	30.395	ng	# 96	
88) Benzo(b)fluoranthene	24.411	252	255492	31.417	ng	98	
89) Benzo(k)fluoranthene	24.482	252	247576	29.959	ng	99	
90) Benzo(a)pyrene	25.369	252	220967	27.812	ng	95	
91) Dibenzo(a,h)anthracene	29.639	278	229796	30.433	ng	99	
92) Benzo(g,h,i)perylene	30.861	276	219837	29.817	ng	98	

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

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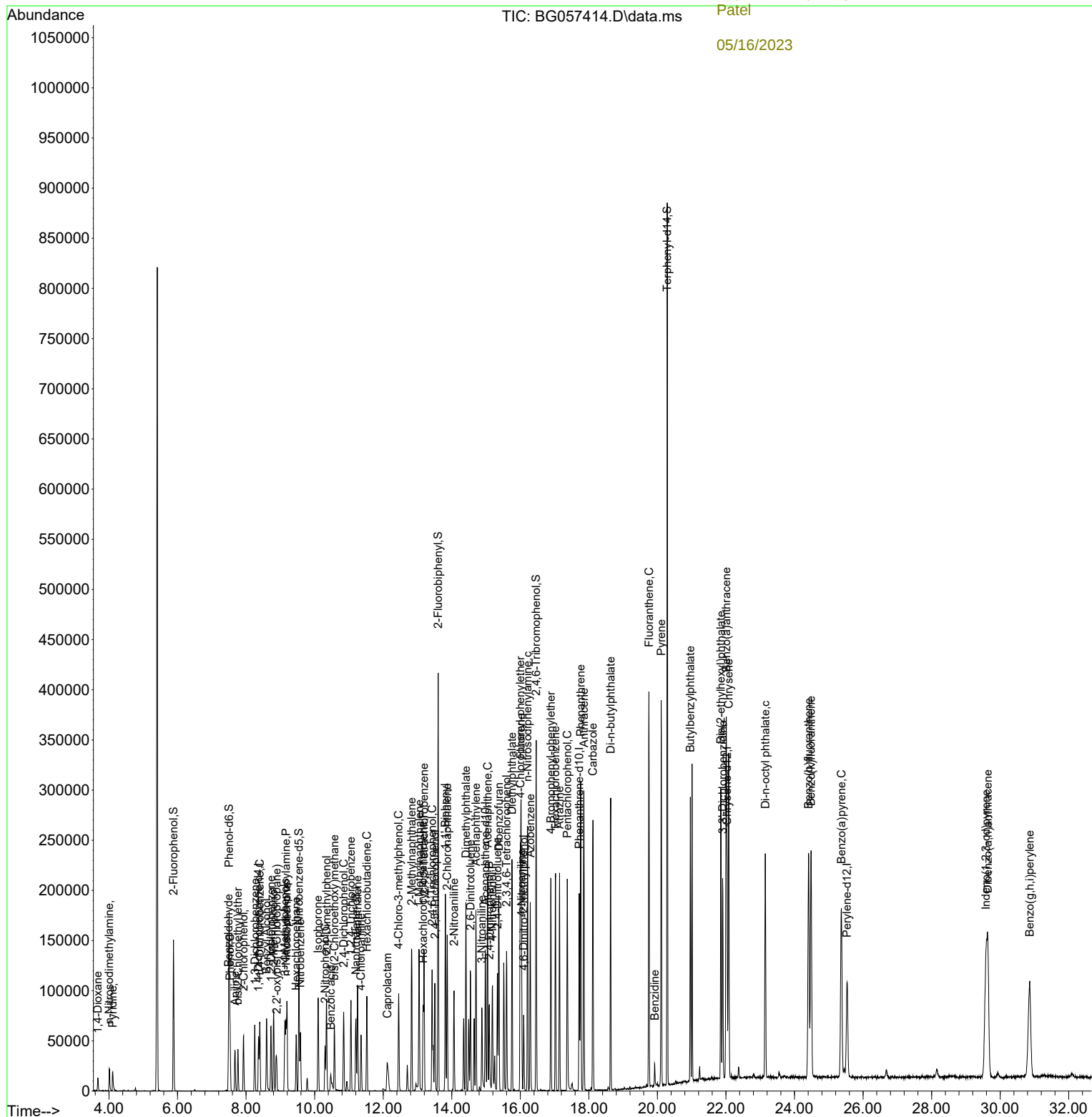
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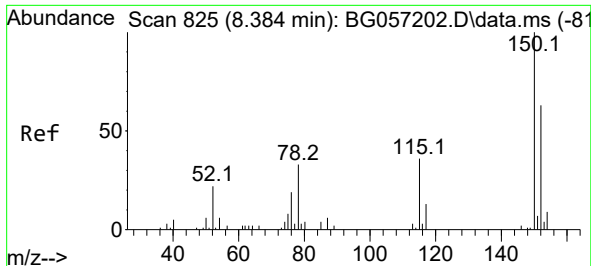
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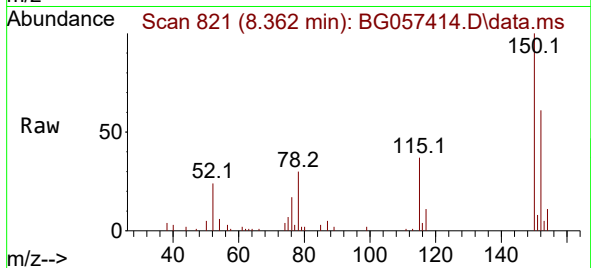
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.362 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



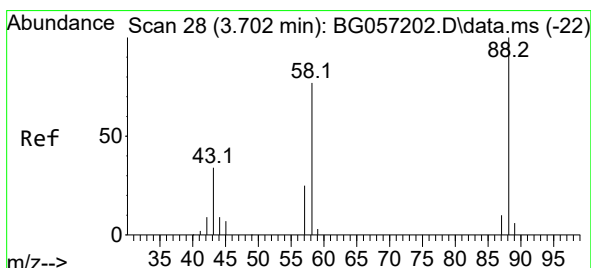
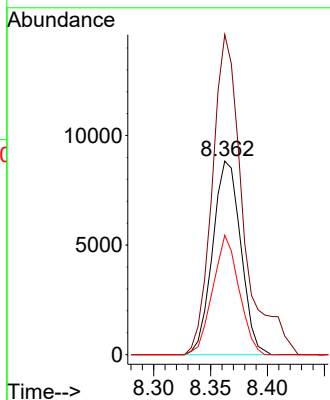
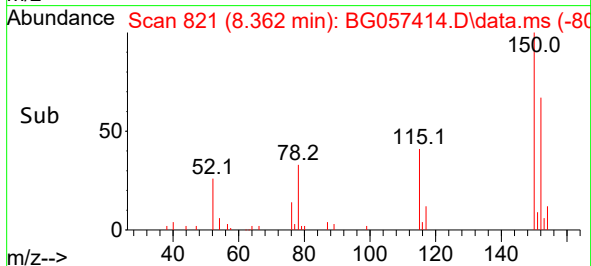
Tgt Ion:152 Resp: 1522
Ion Ratio Lower Upper
152 100
150 165.2 126.2 189.4
115 61.6 45.0 67.4

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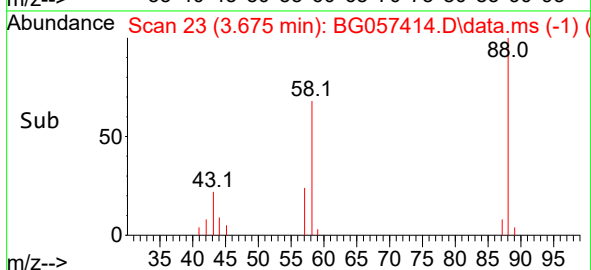
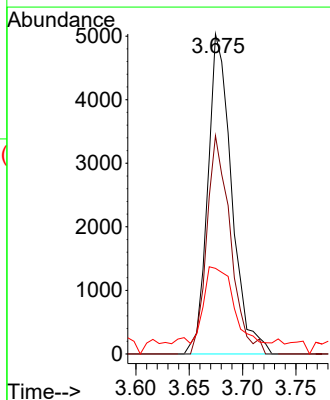
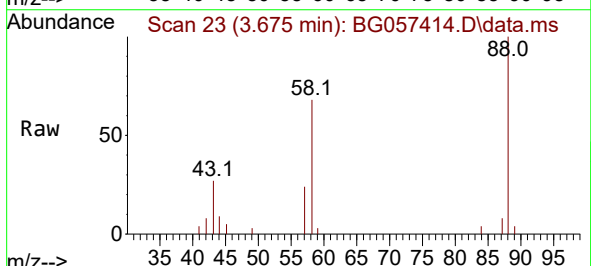
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#2
1,4-Dioxane
Concen: 21.266 ng
RT: 3.675 min Scan# 23
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

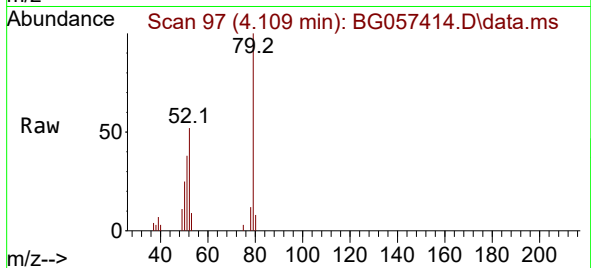
Tgt Ion: 88 Resp: 7826
Ion Ratio Lower Upper
88 100
58 67.5 57.1 85.7
43 33.5 24.4 36.6





#3
Pyridine
Concen: 11.516 ng
RT: 4.109 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



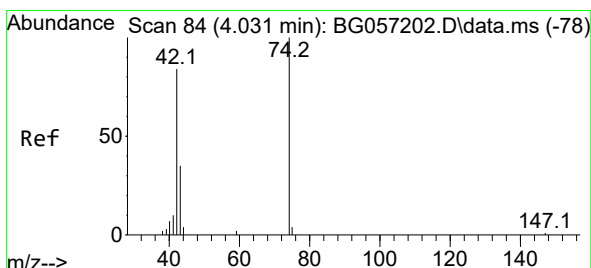
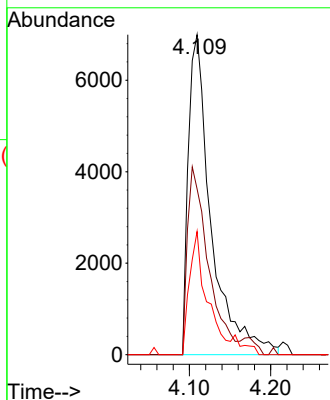
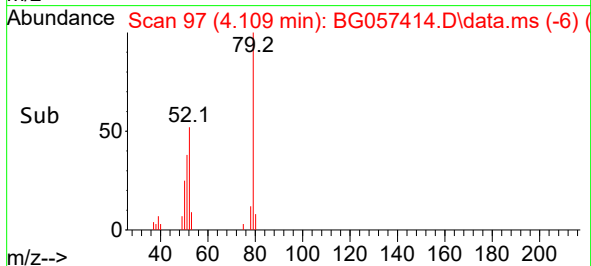
Tgt Ion: 79 Resp: 13619
Ion Ratio Lower Upper
79 100
52 51.8 51.4 77.0
51 38.5 28.0 42.0

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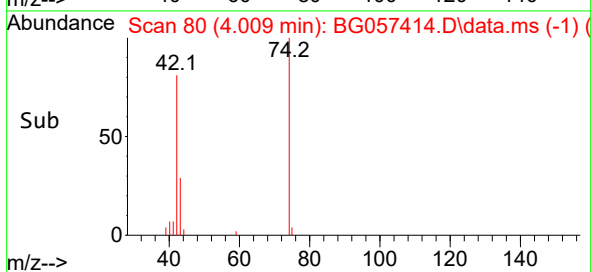
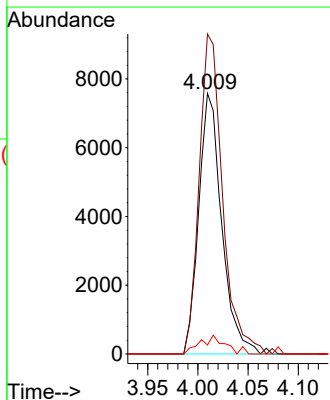
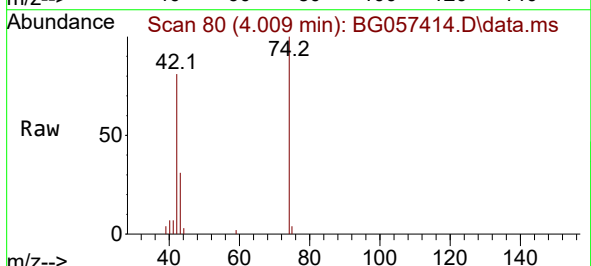
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#4
n-Nitrosodimethylamine
Concen: 21.827 ng
RT: 4.009 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

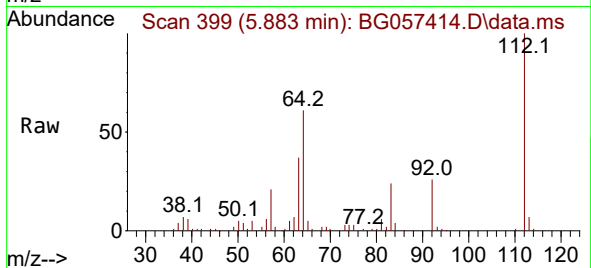
Tgt Ion: 42 Resp: 12131
Ion Ratio Lower Upper
42 100
74 122.8 95.1 142.7
44 3.4 5.8 8.8





#5
2-Fluorophenol
Concen: 71.937 ng
RT: 5.883 min Scan# 399
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

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BNA_G
ClientSampleId :
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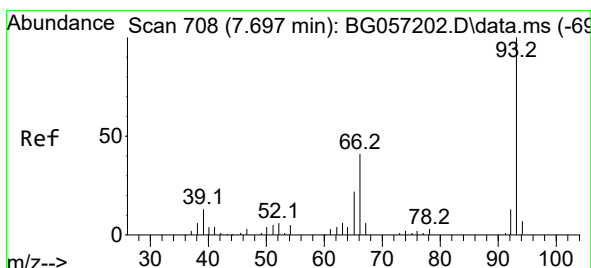
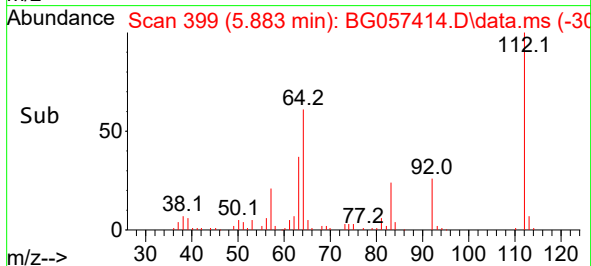
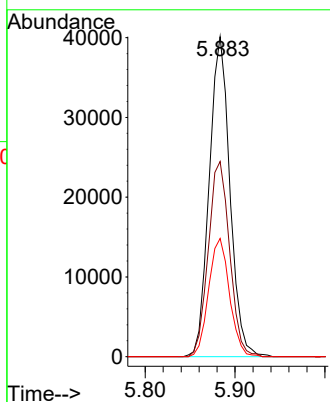
Tgt Ion:112 Resp: 64020
Ion Ratio Lower Upper
112 100
64 61.0 49.4 74.2
63 36.9 31.6 47.4

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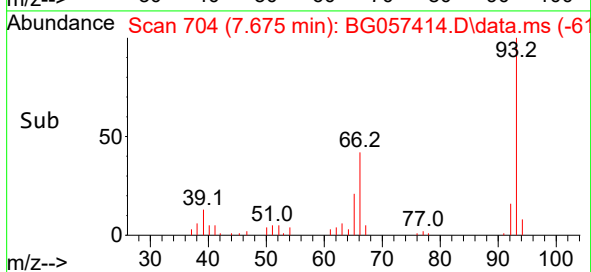
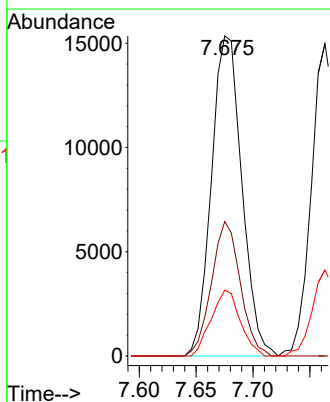
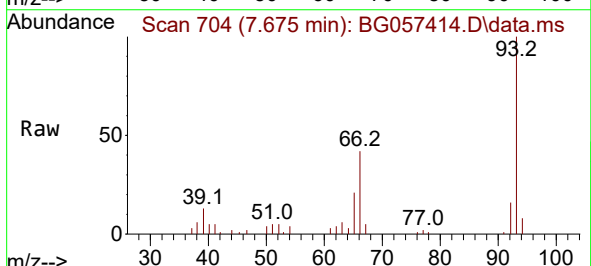
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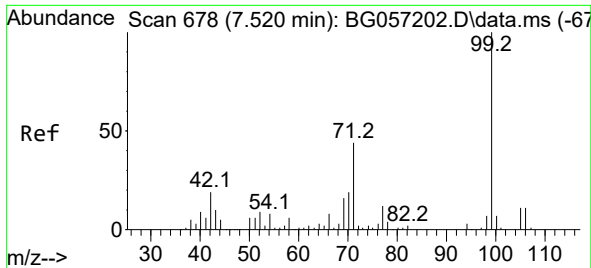
05/16/2023



#6
Aniline
Concen: 16.619 ng
RT: 7.675 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion: 93 Resp: 28494
Ion Ratio Lower Upper
93 100
66 42.0 33.0 49.6
65 20.6 18.0 27.0





#7
Phenol-d6
Concen: 69.705 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

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BNA_G
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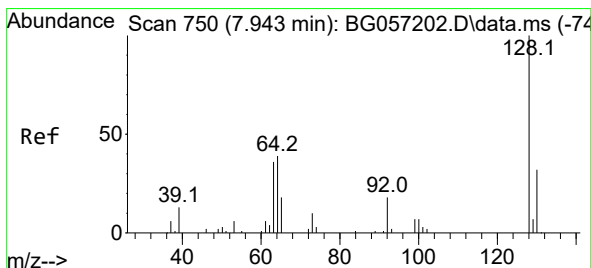
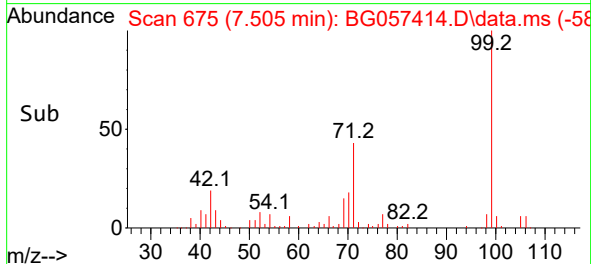
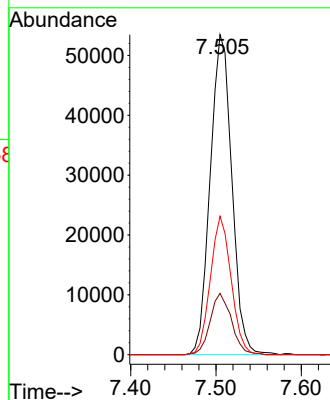
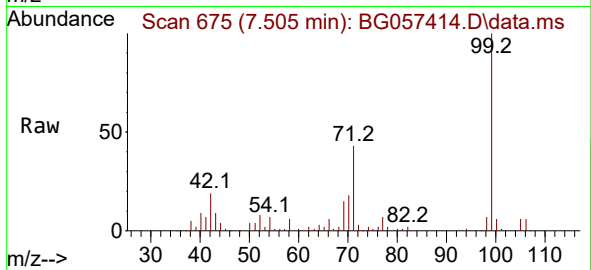
Tgt Ion: 99 Resp: 94210
Ion Ratio Lower Upper
99 100
42 19.2 15.1 22.7
71 43.3 35.2 52.8

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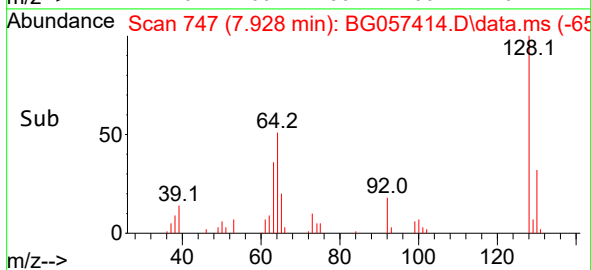
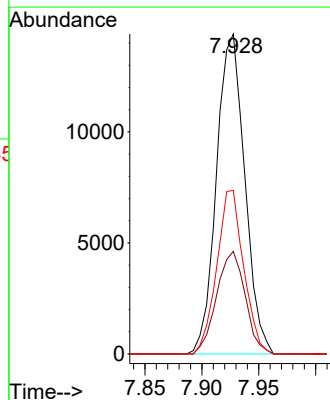
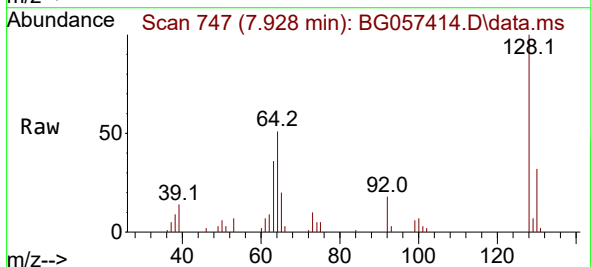
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#8
2-Chlorophenol
Concen: 26.480 ng
RT: 7.928 min Scan# 747
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:128 Resp: 24904
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 51.1 28.4 68.4





#9
Benzaldehyde
Concen: 17.255 ng
RT: 7.487 min Scan# 61
Delta R.T. -0.001 min
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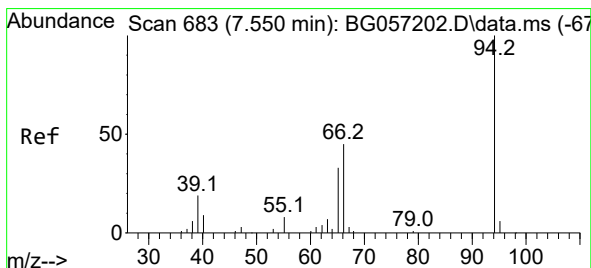
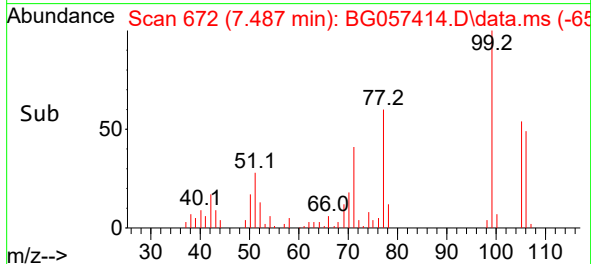
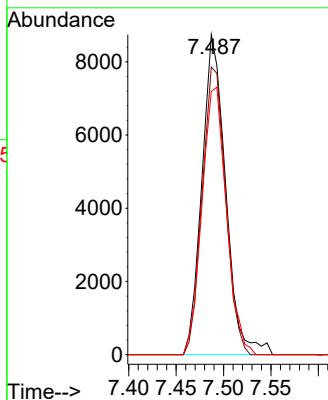
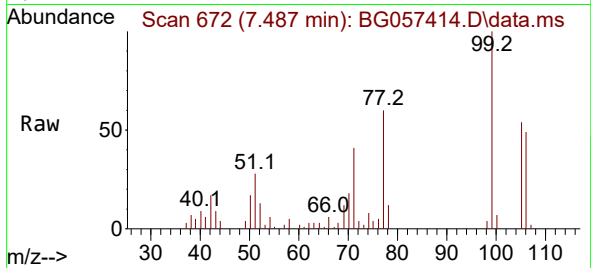
Tgt Ion: 77 Resp: 1521
Ion Ratio Lower Upper
77 100
105 89.9 74.6 114.6
106 82.3 66.3 106.3

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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

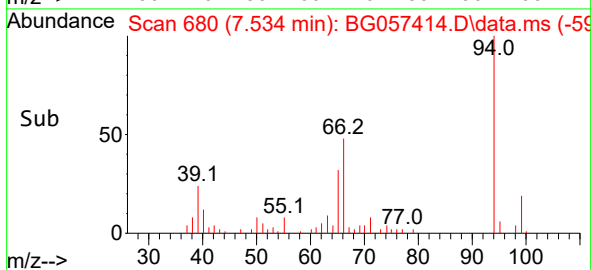
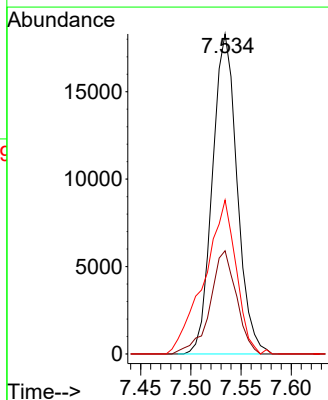
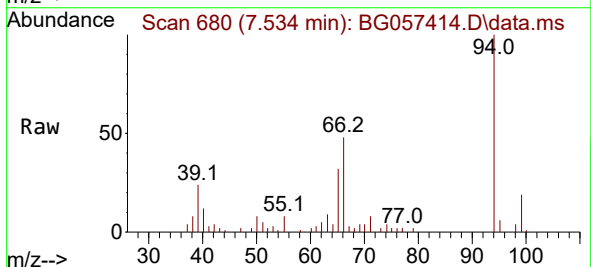
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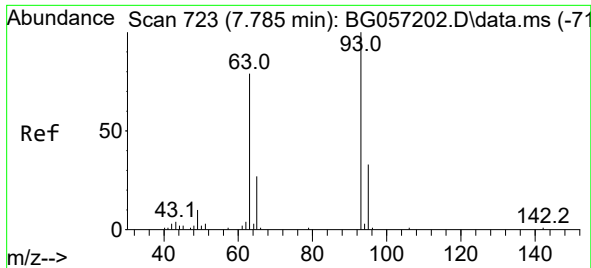
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#10
Phenol
Concen: 23.764 ng
RT: 7.534 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

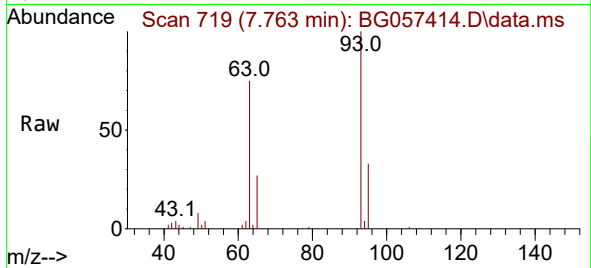
Tgt Ion: 94 Resp: 31310
Ion Ratio Lower Upper
94 100
65 32.2 13.5 53.5
66 48.1 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 24.377 ng
RT: 7.763 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



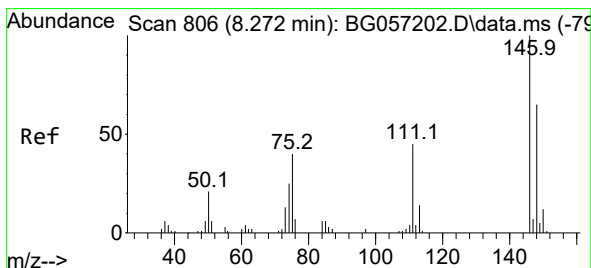
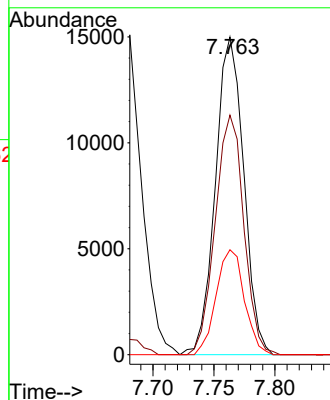
Tgt Ion: 93 Resp: 24218
Ion Ratio Lower Upper
93 100
63 75.4 58.6 98.6
95 33.1 12.2 52.2

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Supervised By :Yogesh Patel 05/16/2023

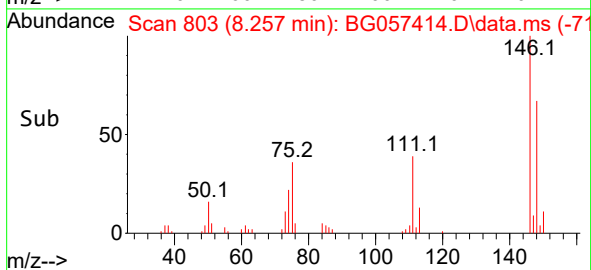
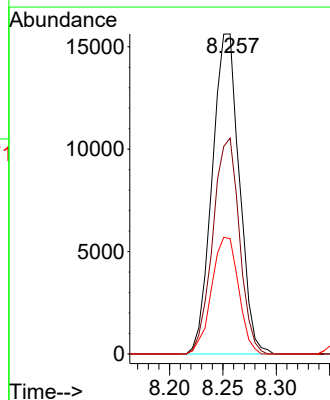
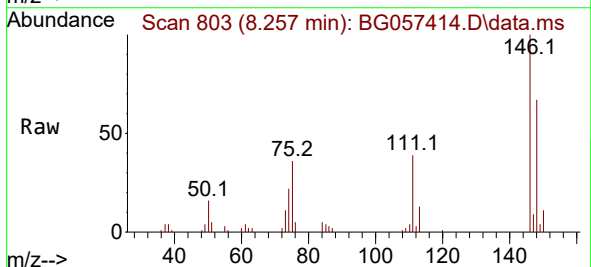
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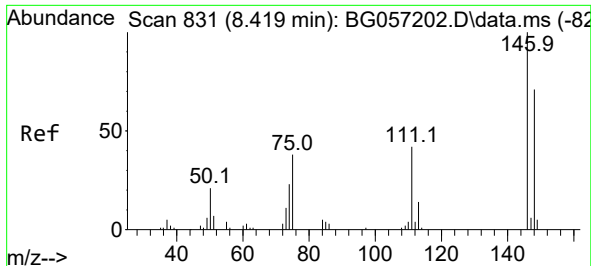
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#12
1,3-Dichlorobenzene
Concen: 26.588 ng
RT: 8.257 min Scan# 803
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

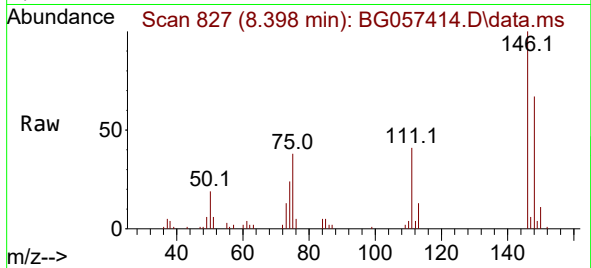
Tgt Ion:146 Resp: 27598
Ion Ratio Lower Upper
146 100
148 67.4 52.2 78.2
75 36.0 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 27.366 ng
RT: 8.398 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



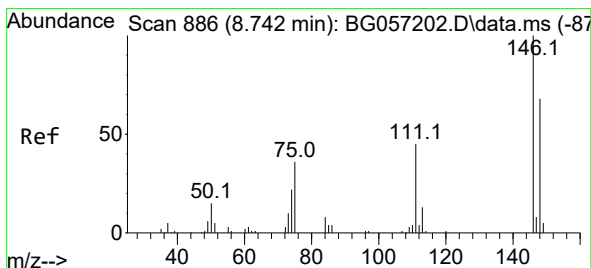
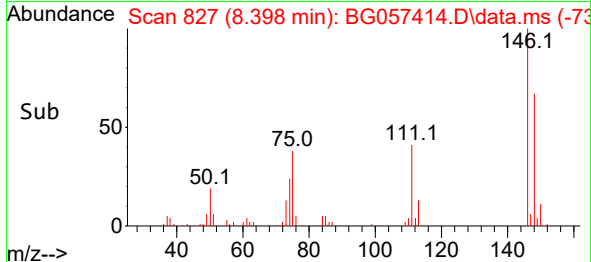
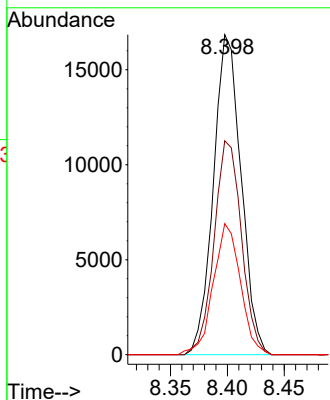
Tgt Ion:146 Resp: 2853
Ion Ratio Lower Upper
146 100
148 66.9 56.4 84.6
111 41.0 33.8 50.6

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Supervised By :Yogesh Patel 05/16/2023

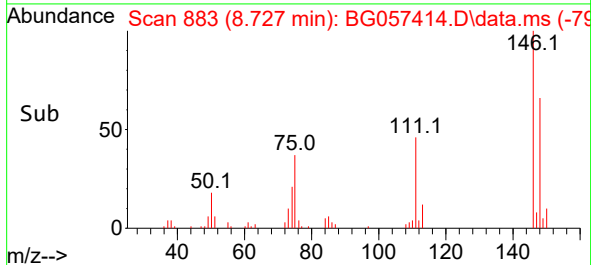
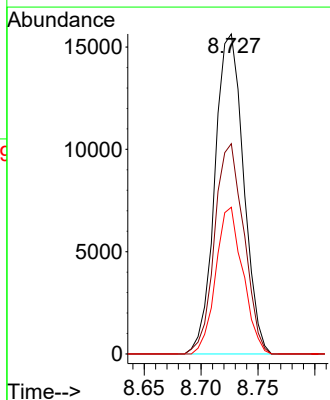
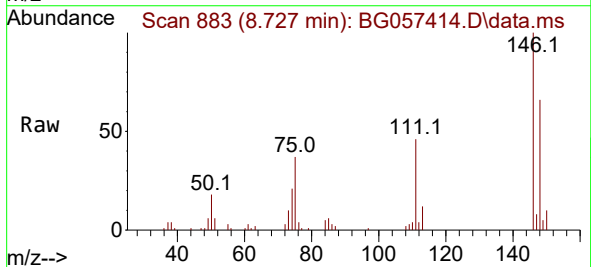
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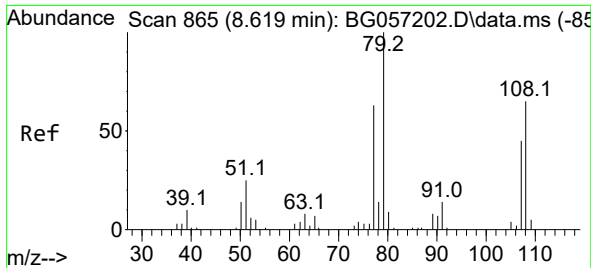
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#14
1,2-Dichlorobenzene
Concen: 27.286 ng
RT: 8.727 min Scan# 883
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:146 Resp: 27464
Ion Ratio Lower Upper
146 100
148 65.7 54.6 82.0
111 45.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 26.476 ng
RT: 8.597 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

Tgt Ion: 79 Resp: 29810

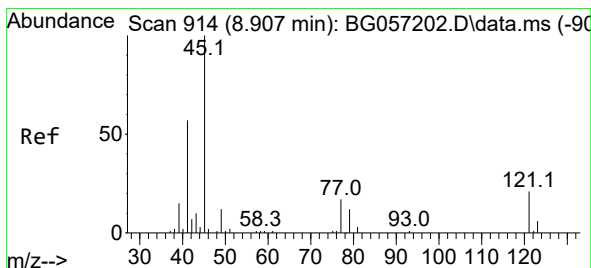
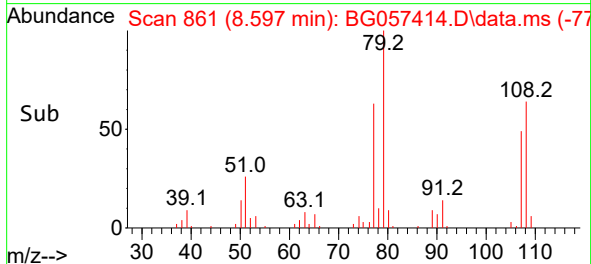
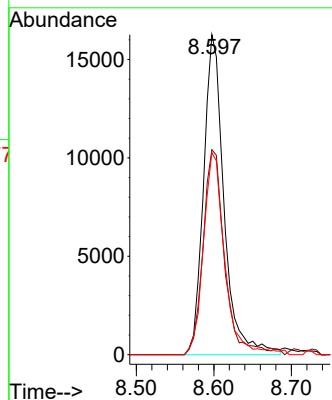
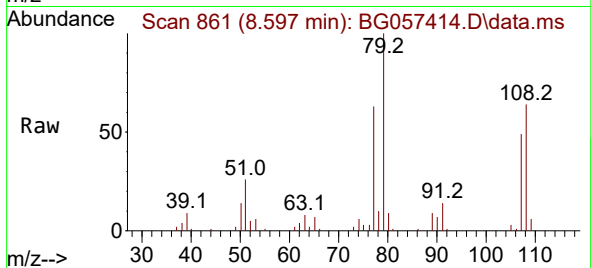
Ion	Ratio	Lower	Upper
79	100		
108	64.0	52.2	78.2
77	63.2	50.1	75.1

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Supervised By :Yogesh Patel 05/16/2023

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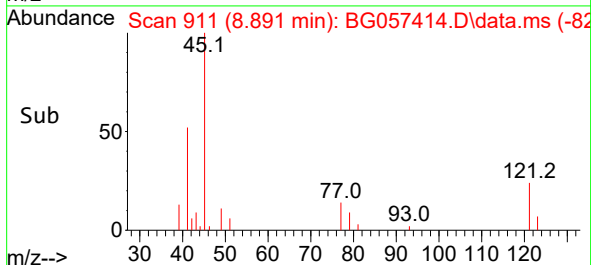
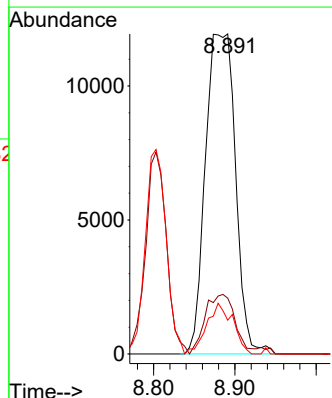
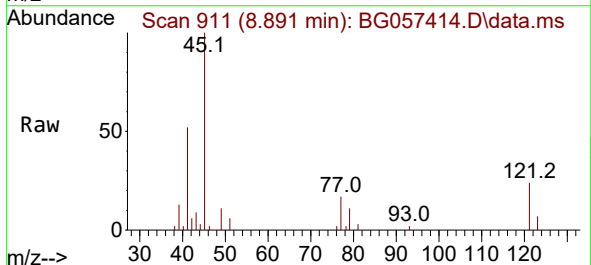
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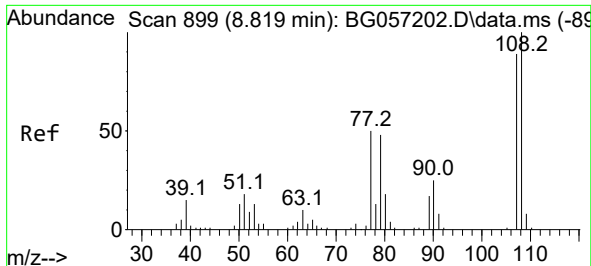


#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.533 ng
RT: 8.891 min Scan# 911
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion: 45 Resp: 30720

Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	38.5
79	10.6	0.0	33.8





#17

2-Methylphenol

Concen: 25.661 ng

RT: 8.803 min Scan# 899

Delta R.T. -0.001 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD

Tgt Ion:	107	Resp:	2437
Ion	Ratio	Lower	Upper
107	100		
108	106.2	89.5	134.3
77	50.8	45.1	67.7
79	51.4	43.4	65.2

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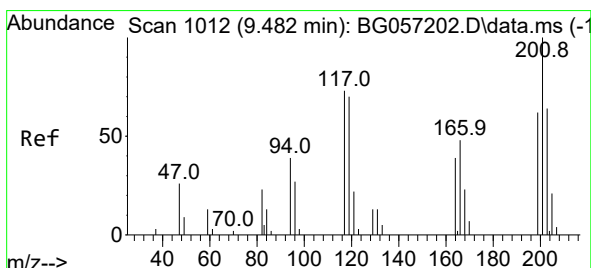
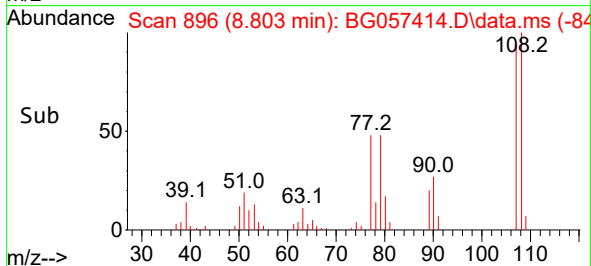
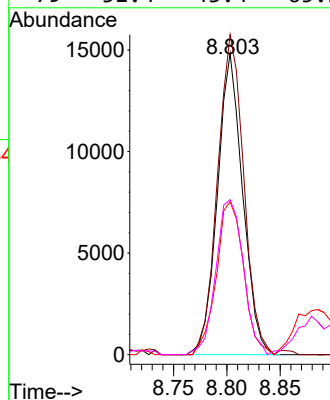
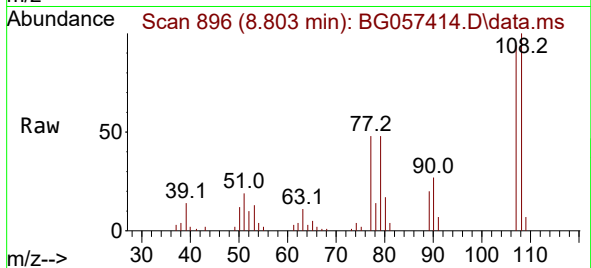
Reviewed By :Christian Giraldo 05/15/2023

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Patel

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#18

Hexachloroethane

Concen: 26.160 ng

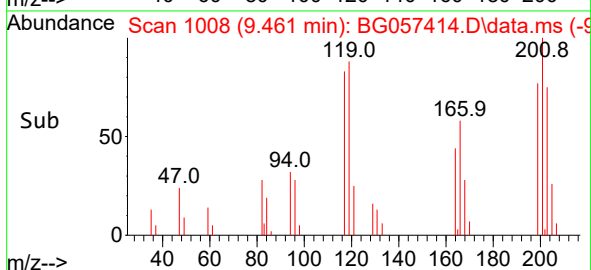
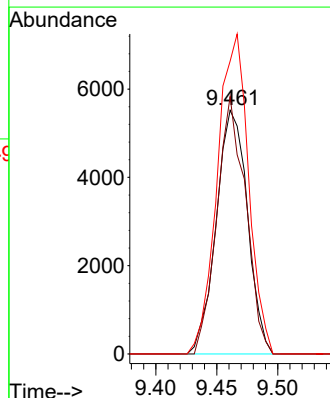
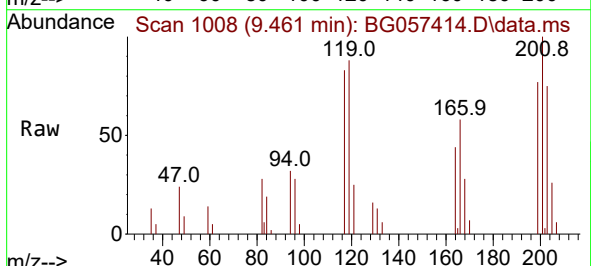
RT: 9.461 min Scan# 1008

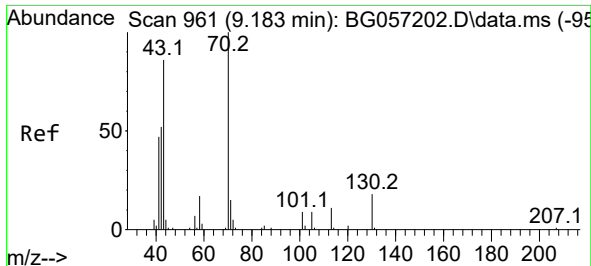
Delta R.T. -0.001 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

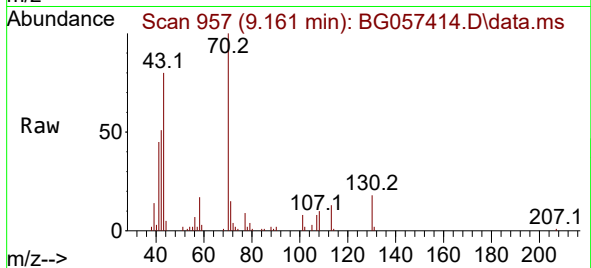
Tgt Ion:	117	Resp:	9843
Ion	Ratio	Lower	Upper
117	100		
119	105.7	76.7	115.1
201	120.1	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 24.937 ng
RT: 9.161 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



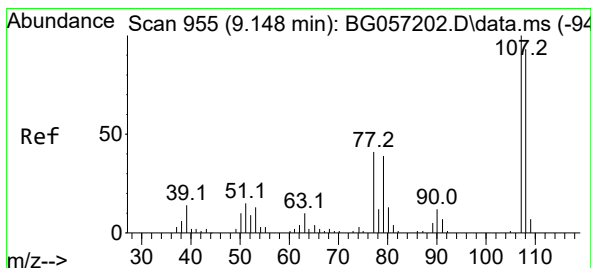
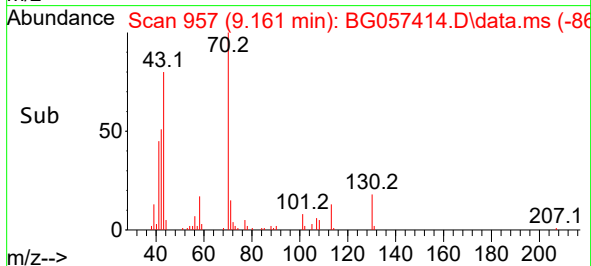
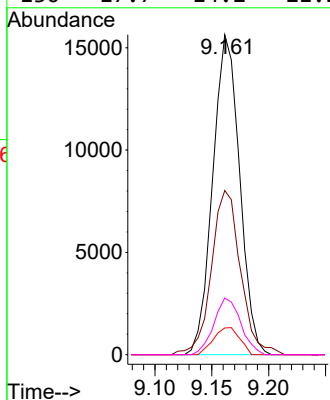
Tgt Ion: 70 Resp: 25700
Ion Ratio Lower Upper
70 100
42 51.3 41.8 62.8
101 8.4 6.8 10.2
130 17.7 14.2 21.2

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Supervised By :Yogesh Patel 05/16/2023

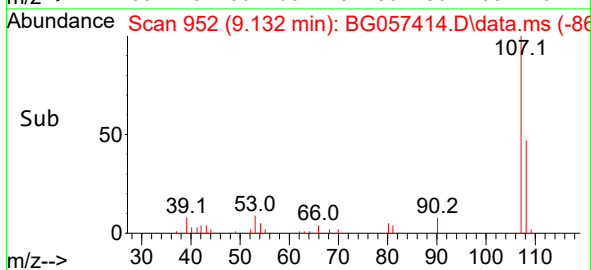
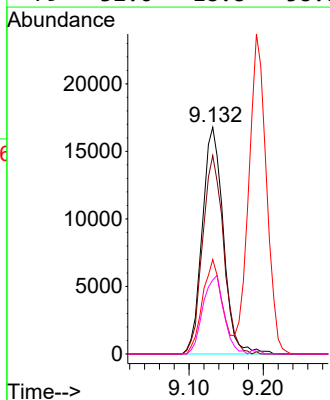
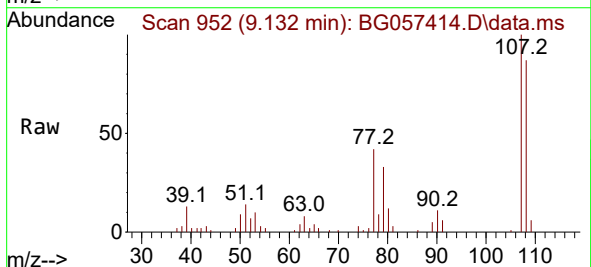
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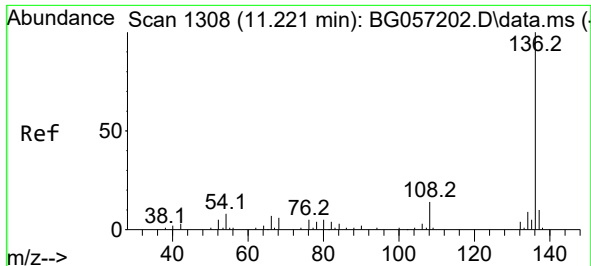
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#20
3+4-Methylphenols
Concen: 25.487 ng
RT: 9.132 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

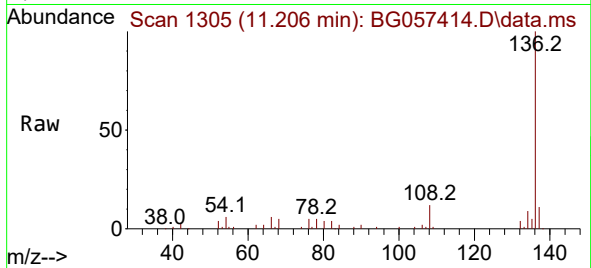
Tgt Ion:107 Resp: 33145
Ion Ratio Lower Upper
107 100
108 87.5 73.5 113.5
77 41.6 21.1 61.1
79 32.6 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.206 min Scan# 1305
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



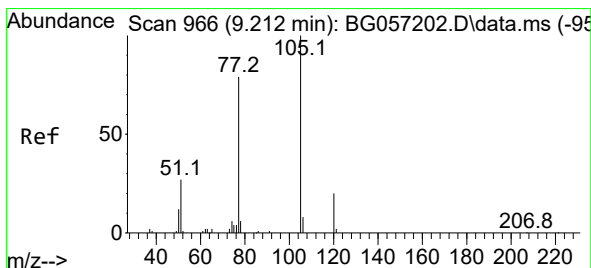
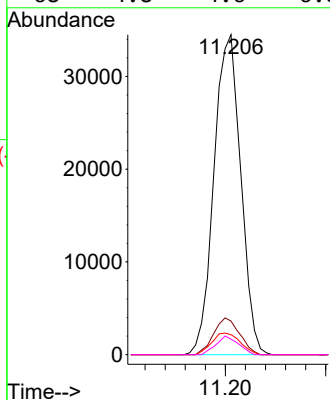
Tgt Ion:136 Resp: 6381
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 6.3 6.7 10.1
68 4.8 4.6 6.8

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Supervised By :Yogesh Patel 05/16/2023

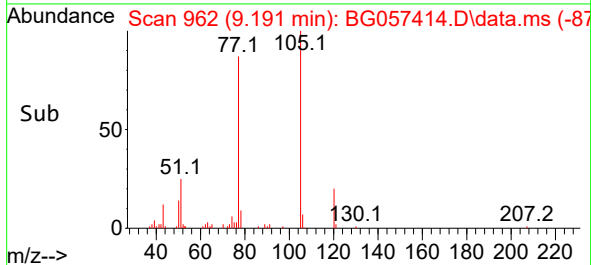
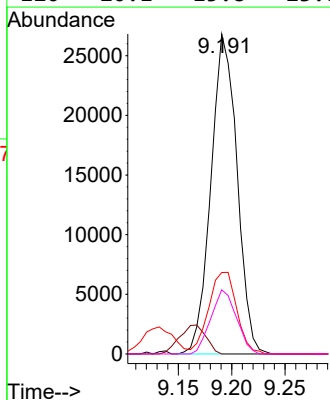
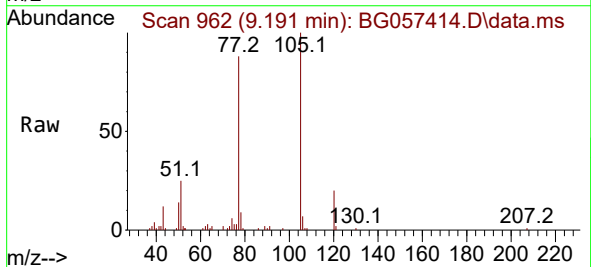
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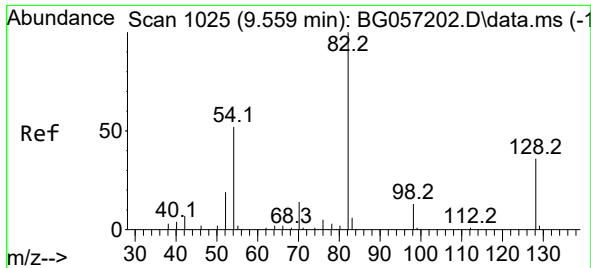
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#22
Acetophenone
Concen: 24.961 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:105 Resp: 45588
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6
51 25.4 24.0 36.0
120 20.1 15.8 23.8





#23
Nitrobenzene-d5
Concen: 51.213 ng
RT: 9.543 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

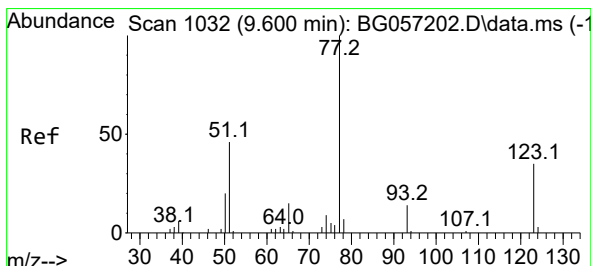
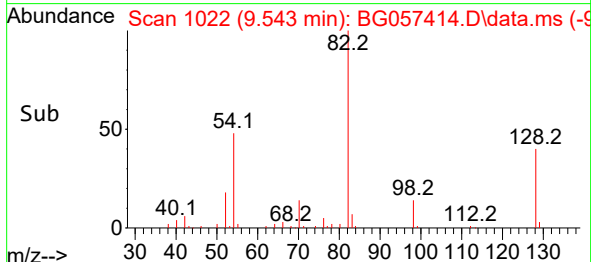
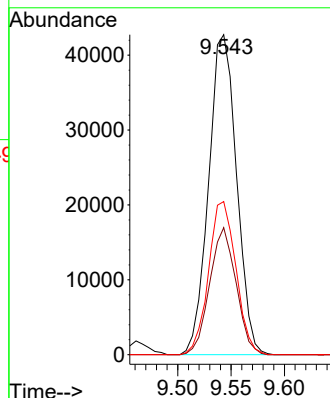
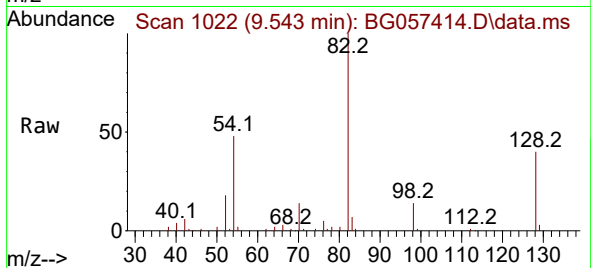
Tgt Ion: 82 Resp: 7786
Ion Ratio Lower Upper
82 100
128 39.7 29.0 43.4
54 47.9 41.4 62.0

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Supervised By :Yogesh Patel 05/16/2023

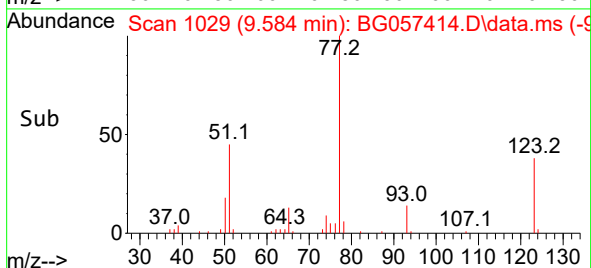
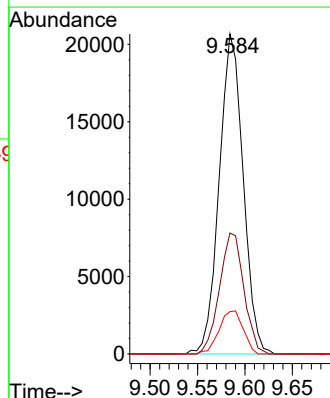
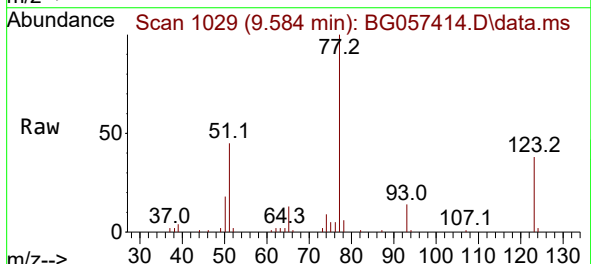
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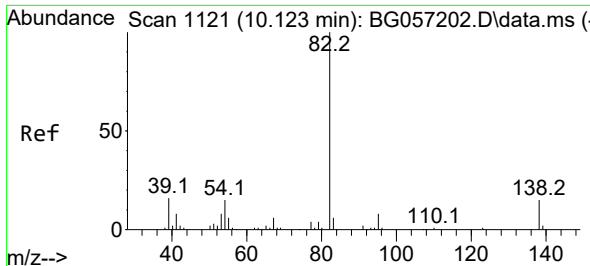
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#24
Nitrobenzene
Concen: 23.653 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion: 77 Resp: 36297
Ion Ratio Lower Upper
77 100
123 37.8 28.2 42.2
65 13.3 11.7 17.5





#25
Isophorone
Concen: 24.619 ng
RT: 10.101 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

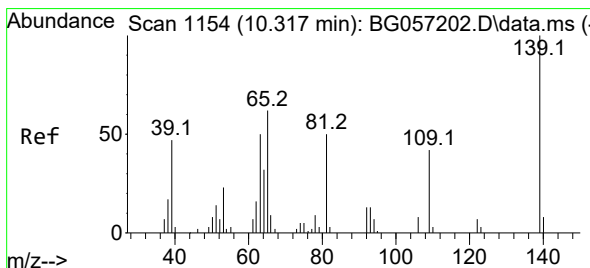
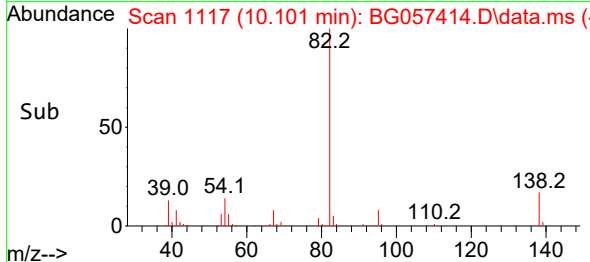
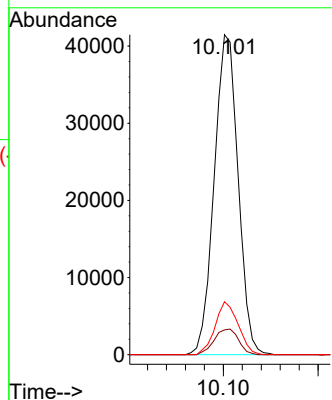
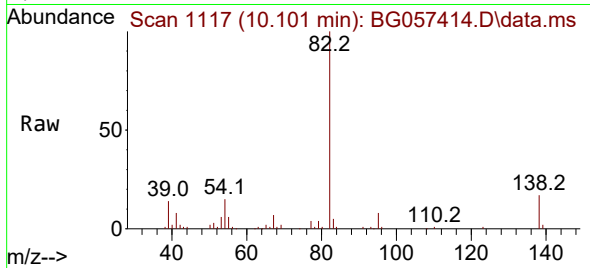
Tgt Ion: 82 Resp: 72580
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 16.6 12.3 18.5

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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

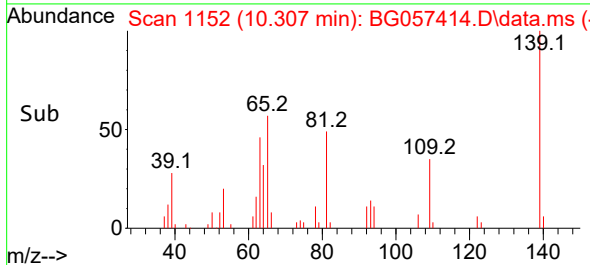
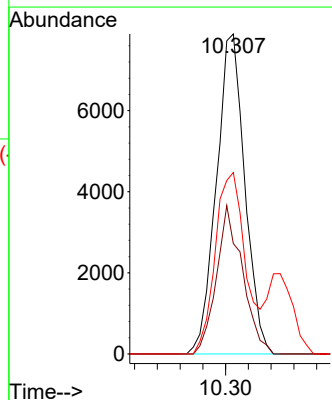
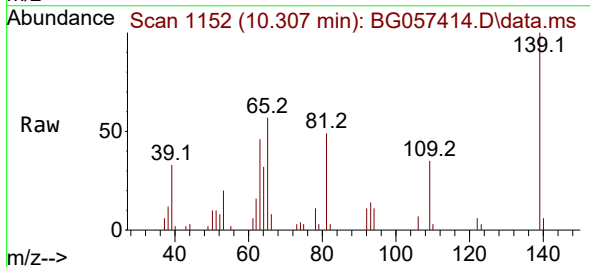
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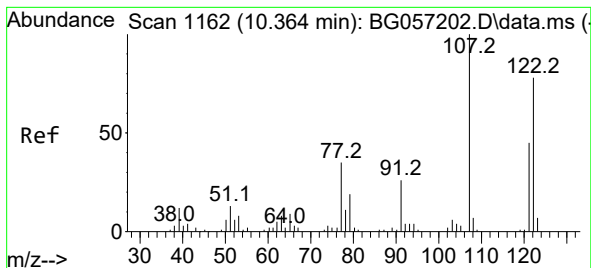
05/16/2023



#26
2-Nitrophenol
Concen: 23.302 ng
RT: 10.307 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

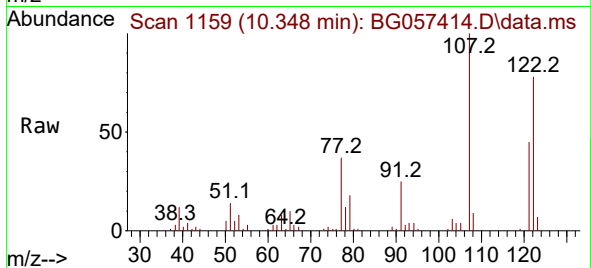
Tgt Ion:139 Resp: 13687
Ion Ratio Lower Upper
139 100
109 34.5 33.4 50.2
65 56.7 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 26.489 ng
RT: 10.348 min Scan# 1162
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



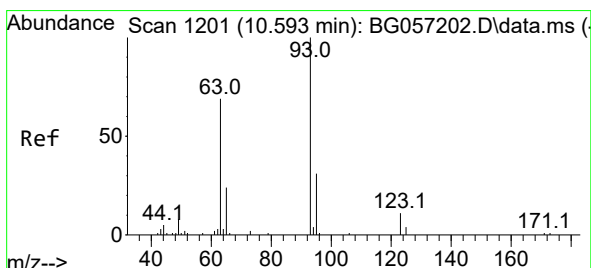
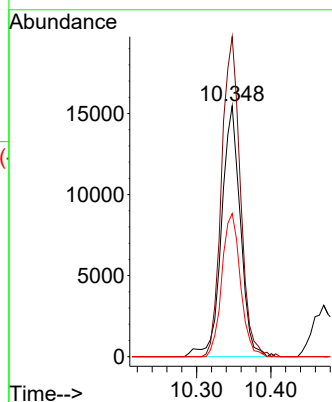
Tgt Ion: 122 Resp: 27245
Ion Ratio Lower Upper
122 100
107 127.5 103.0 154.4
121 57.0 45.9 68.9

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Supervised By :Yogesh Patel 05/16/2023

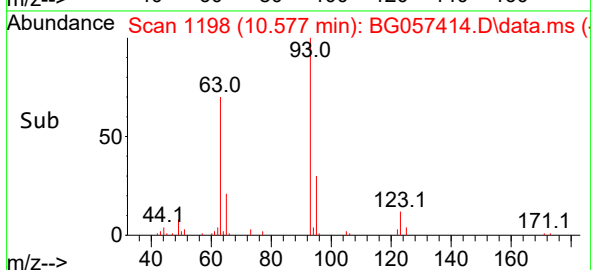
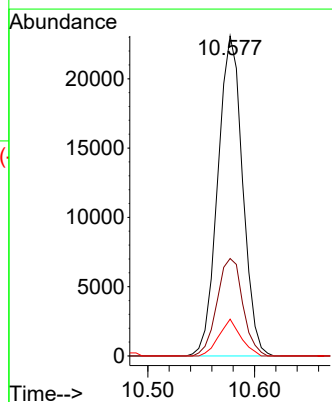
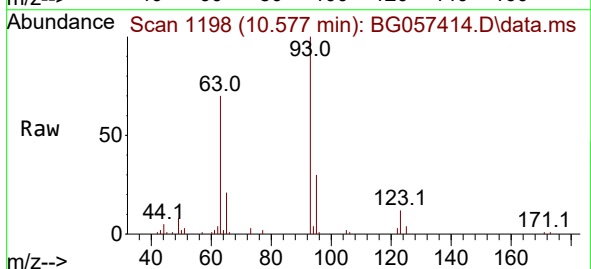
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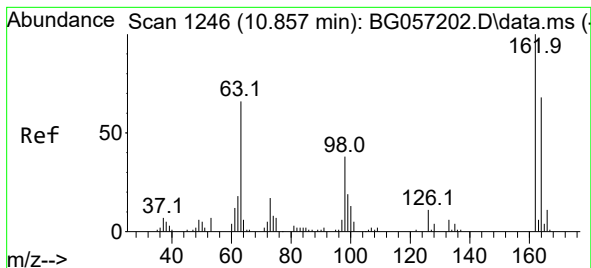
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#28
bis(2-Chloroethoxy)methane
Concen: 25.218 ng
RT: 10.577 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

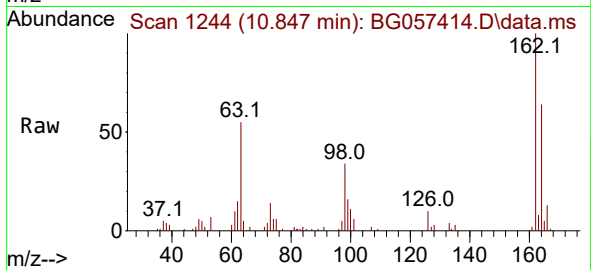
Tgt Ion: 93 Resp: 37245
Ion Ratio Lower Upper
93 100
95 30.4 25.0 37.6
123 11.5 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 28.522 ng
RT: 10.847 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



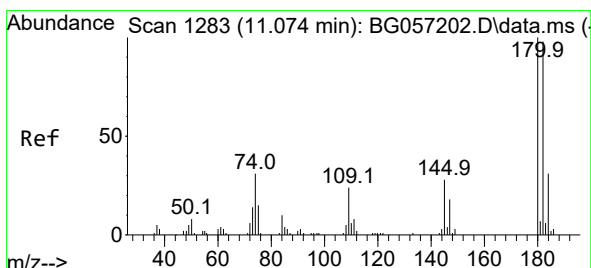
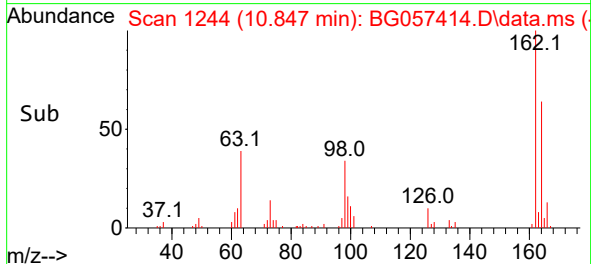
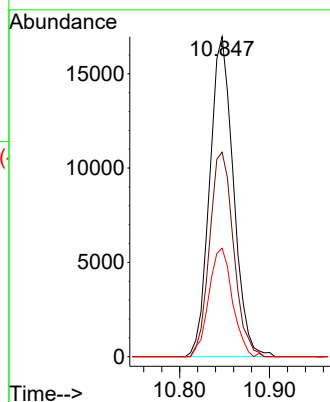
Tgt Ion:162 Resp: 31114
Ion Ratio Lower Upper
162 100
164 63.9 48.4 88.4
98 33.9 17.6 57.6

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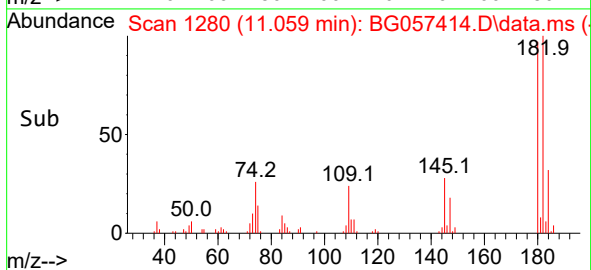
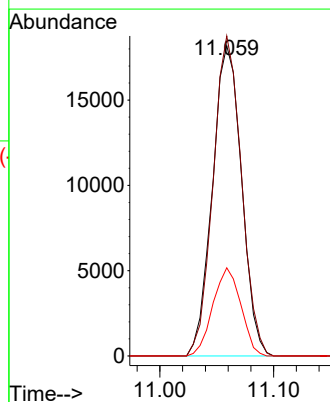
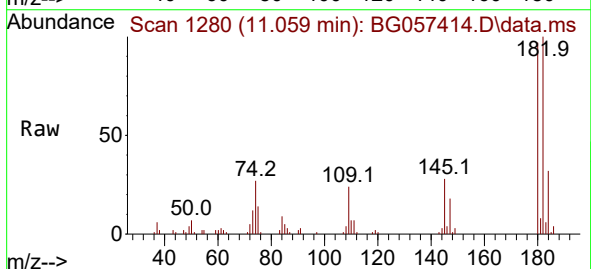
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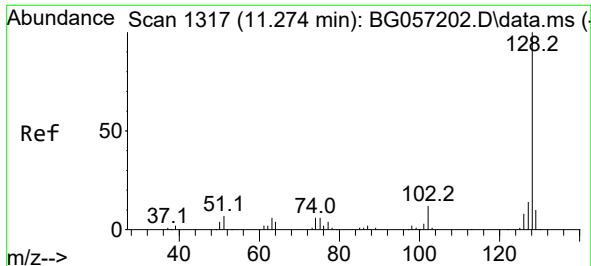
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#30
1,2,4-Trichlorobenzene
Concen: 25.741 ng
RT: 11.059 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:180 Resp: 32388
Ion Ratio Lower Upper
180 100
182 103.1 78.0 117.0
145 28.4 22.4 33.6





#31
Naphthalene
Concen: 25.471 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

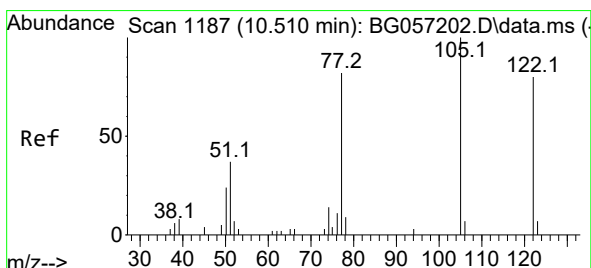
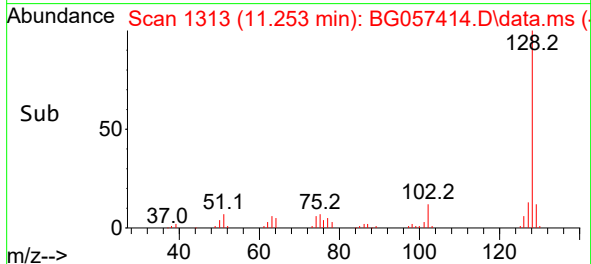
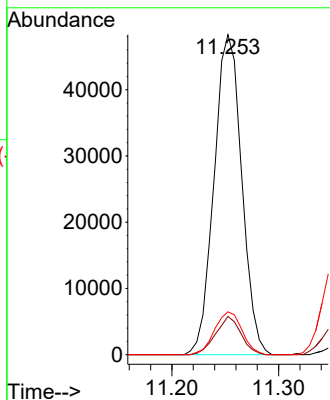
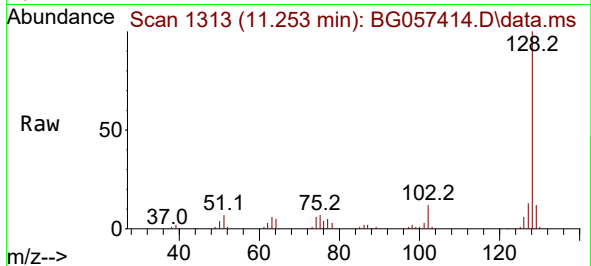
Tgt Ion:128 Resp: 8689
Ion Ratio Lower Upper
128 100
129 12.0 8.3 12.5
127 13.4 11.1 16.7

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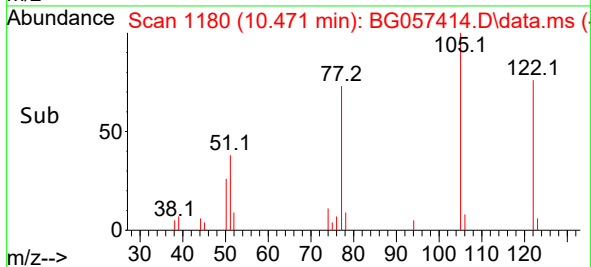
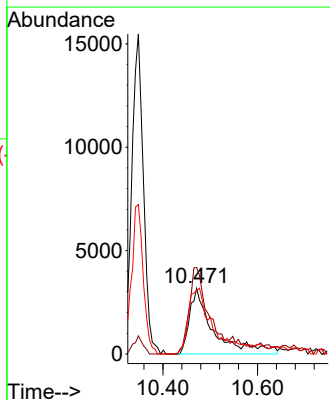
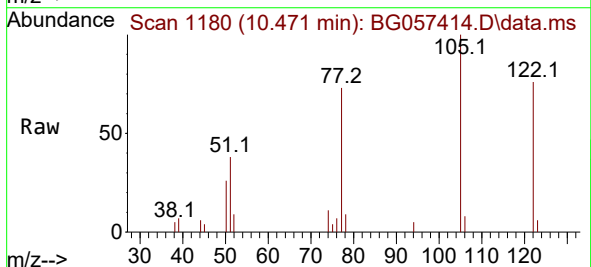
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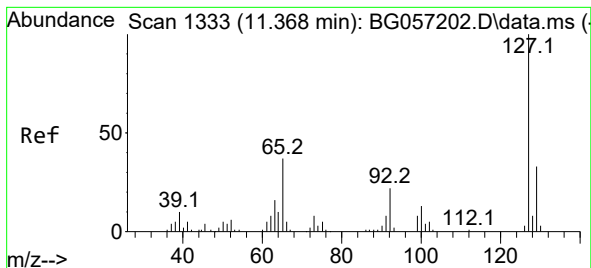
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#32
Benzoic acid
Concen: 21.625 ng m
RT: 10.471 min Scan# 1180
Delta R.T. -0.019 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

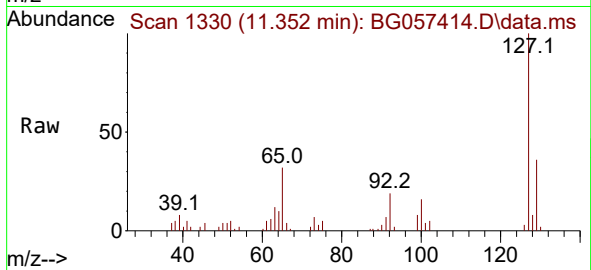
Tgt Ion:122 Resp: 11121
Ion Ratio Lower Upper
122 100
105 131.7 105.2 145.2
77 96.6 83.1 123.1





#33
4-Chloroaniline
Concen: 19.328 ng
RT: 11.352 min Scan# 1133
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



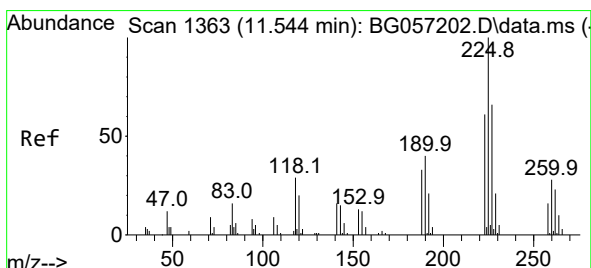
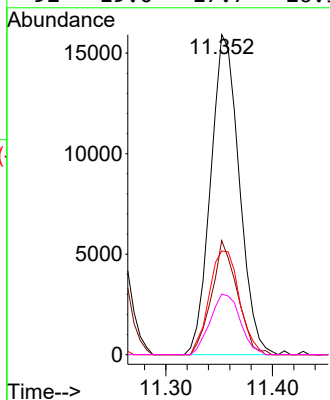
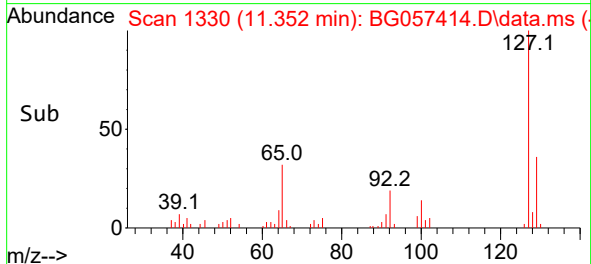
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.7	40.1
65	32.4	29.7	44.5
92	19.0	17.7	26.5

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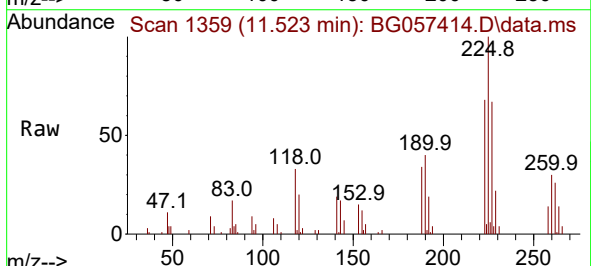
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

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Patel

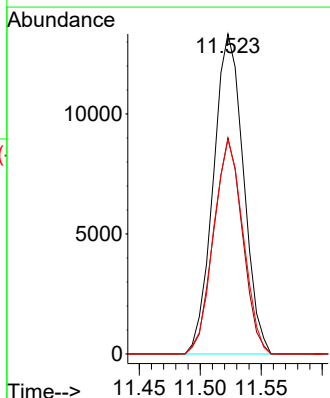
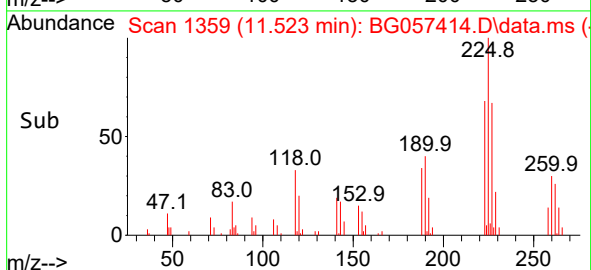
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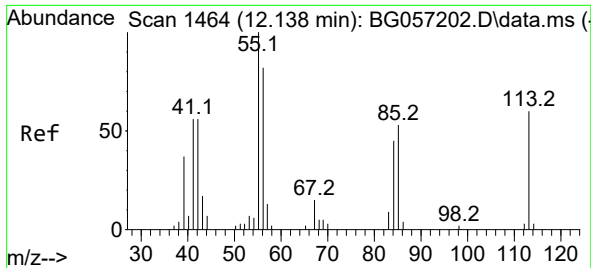


#34
Hexachlorobutadiene
Concen: 24.544 ng
RT: 11.523 min Scan# 1359
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15



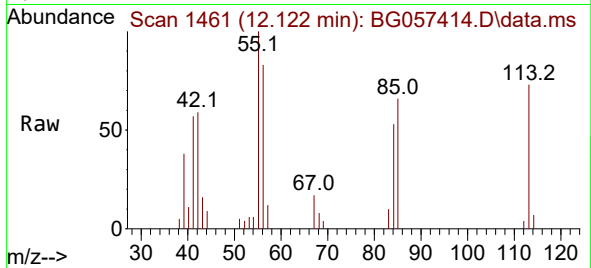
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	48.6	72.8
227	66.9	52.7	79.1





#35
Caprolactam
Concen: 26.678 ng
RT: 12.122 min Scan# 1461
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



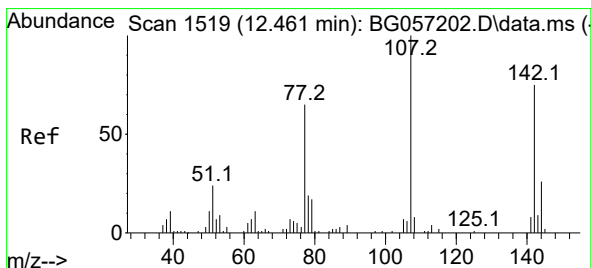
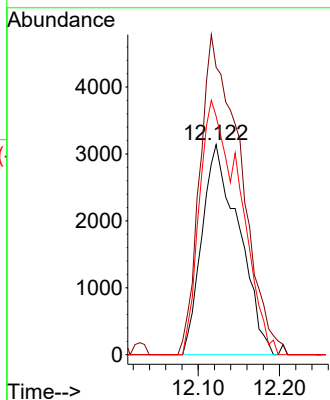
Tgt Ion:113 Resp: 994
Ion Ratio Lower Upper
113 100
55 136.8 145.5 185.5
56 113.5 115.9 155.9

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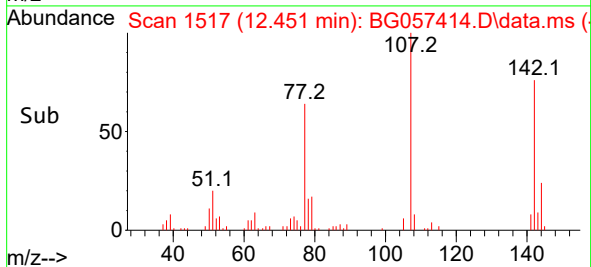
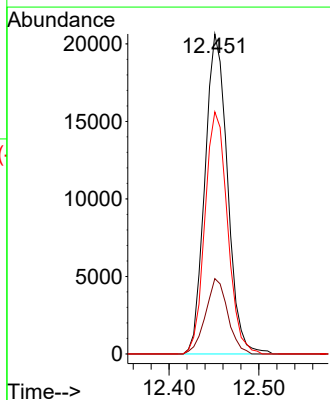
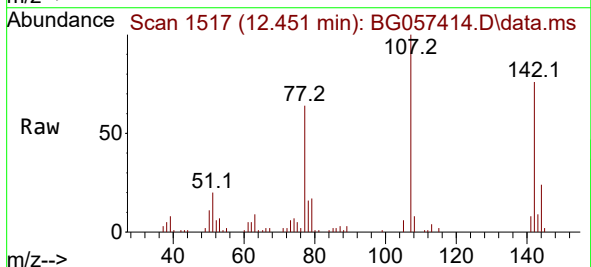
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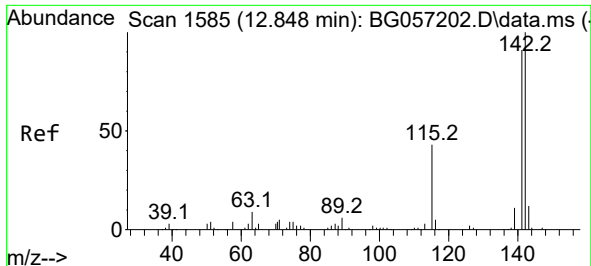
05/16/2023



#36
4-Chloro-3-methylphenol
Concen: 29.056 ng
RT: 12.451 min Scan# 1517
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

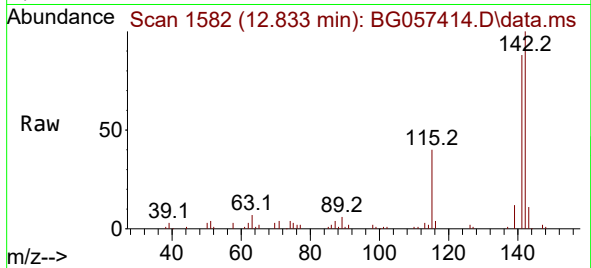
Tgt Ion:107 Resp: 36020
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.6
142 75.6 60.0 90.0





#37
2-Methylnaphthalene
Concen: 25.764 ng
RT: 12.833 min Scan# 1610
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



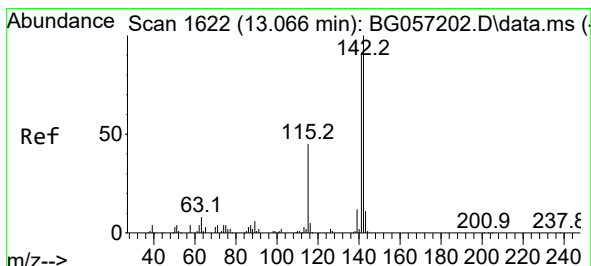
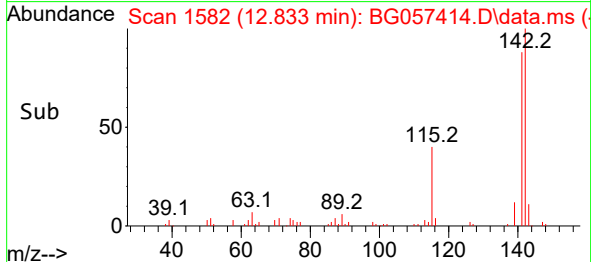
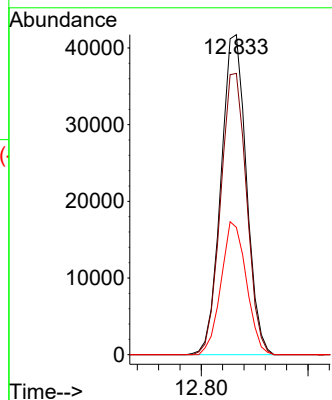
Tgt Ion:142 Resp: 6910
Ion Ratio Lower Upper
142 100
141 87.9 73.1 109.7
115 39.8 34.6 52.0

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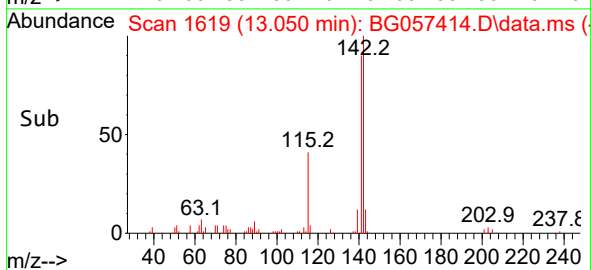
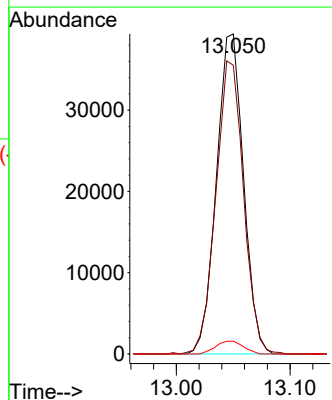
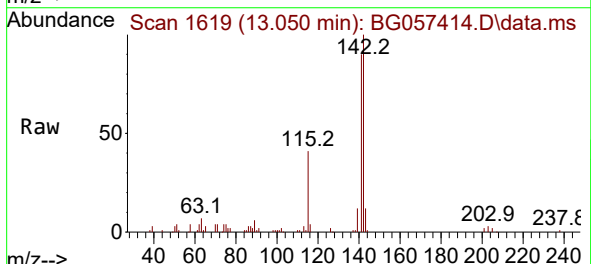
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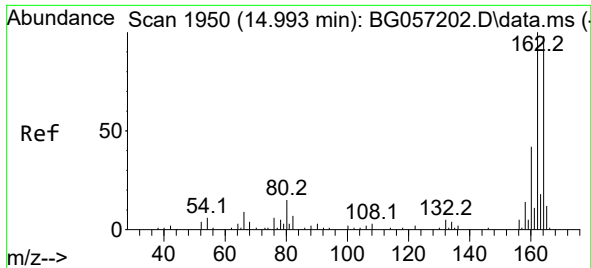
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#38
1-Methylnaphthalene
Concen: 25.757 ng
RT: 13.050 min Scan# 1619
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

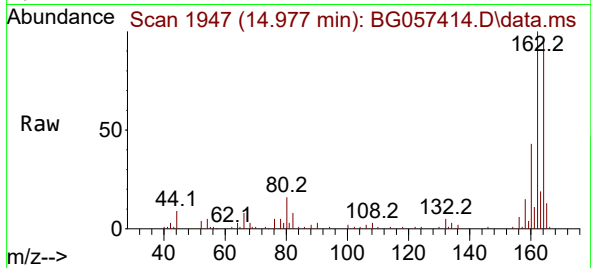
Tgt Ion:142 Resp: 65116
Ion Ratio Lower Upper
142 100
141 90.2 72.5 108.7
116 4.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



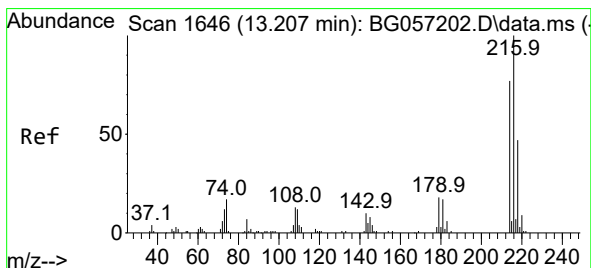
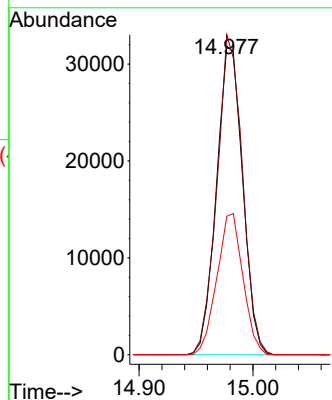
Tgt Ion:164 Resp: 50949
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 44.9 34.6 52.0

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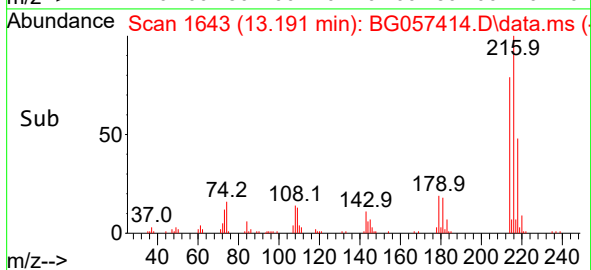
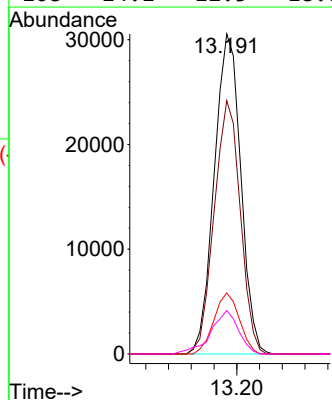
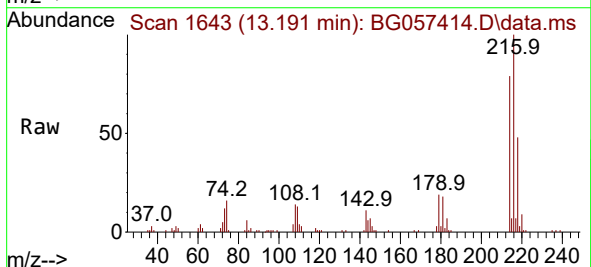
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.295 ng
RT: 13.191 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

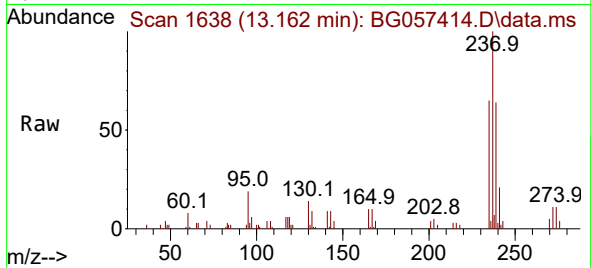
Tgt Ion:216 Resp: 49369
Ion Ratio Lower Upper
216 100
214 77.9 63.7 95.5
179 18.3 14.6 22.0
108 14.1 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 32.536 ng
RT: 13.162 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



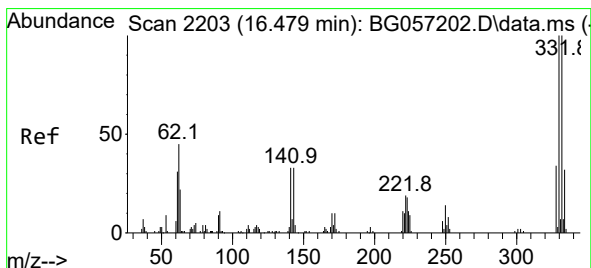
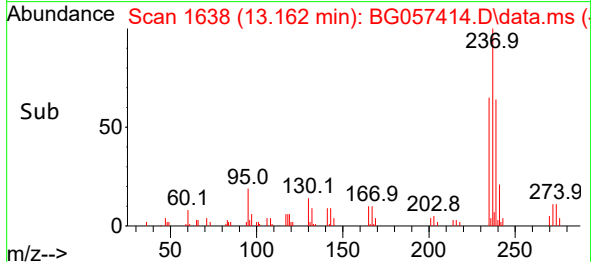
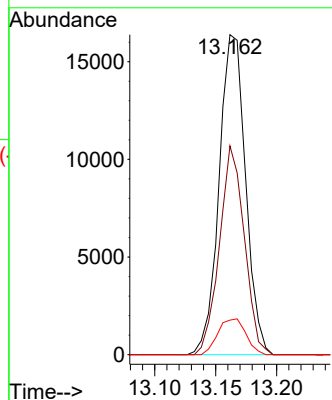
Tgt Ion:237 Resp: 2476
Ion Ratio Lower Upper
237 100
235 65.2 42.0 82.0
272 10.8 0.0 31.5

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Supervised By :Yogesh Patel 05/16/2023

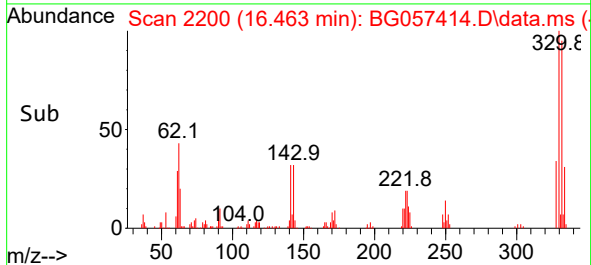
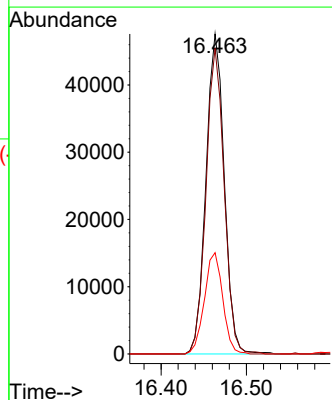
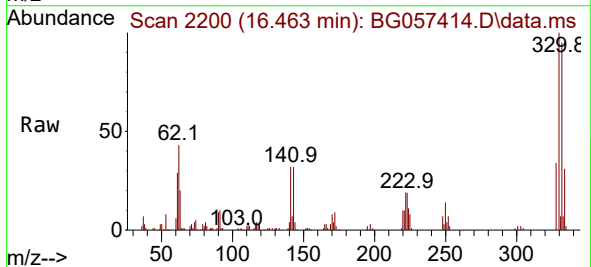
05/15/2023
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Patel

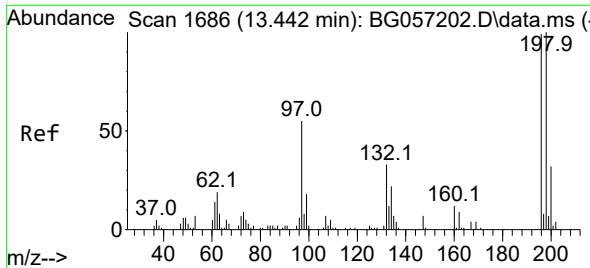
05/16/2023



#42
2,4,6-Tribromophenol
Concen: 98.417 ng
RT: 16.463 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

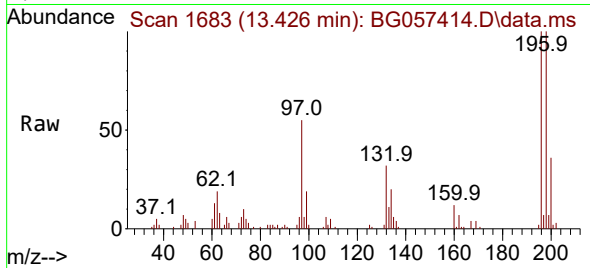
Tgt Ion:330 Resp: 71147
Ion Ratio Lower Upper
330 100
332 94.5 78.2 117.2
141 31.7 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 29.005 ng
RT: 13.426 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



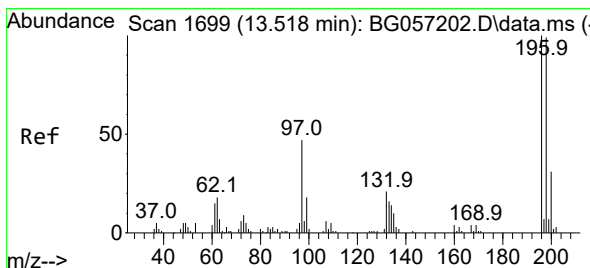
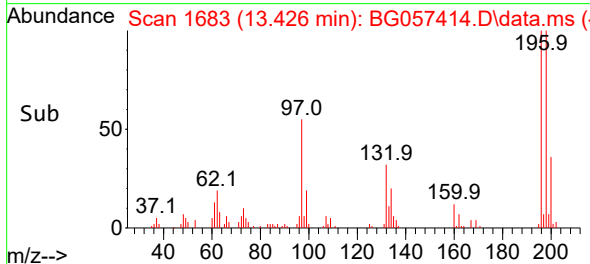
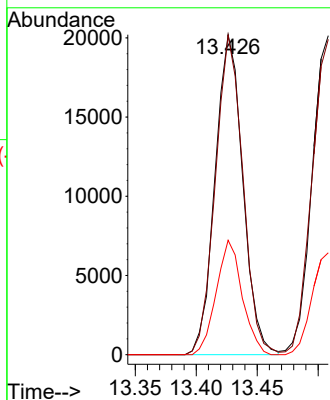
Tgt Ion:196 Resp: 31962
Ion Ratio Lower Upper
196 100
198 99.8 81.2 121.8
200 35.7 26.3 39.5

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Supervised By :Yogesh Patel 05/16/2023

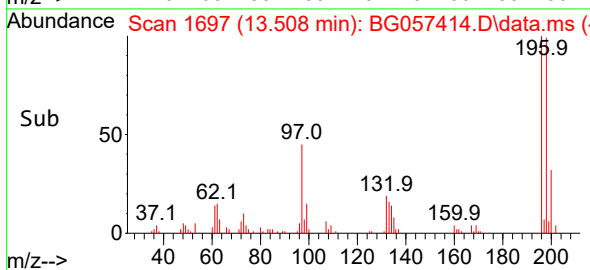
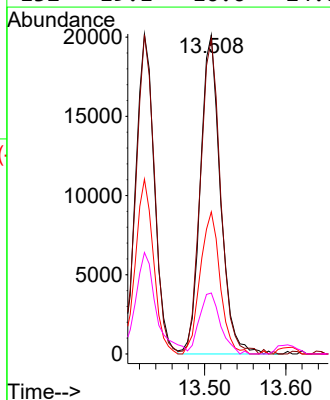
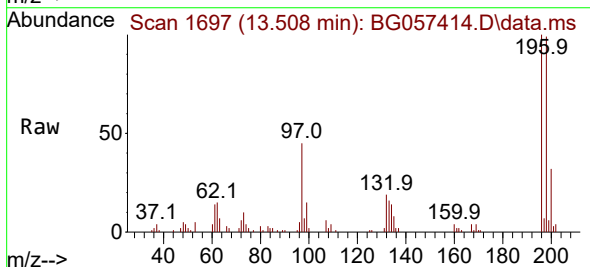
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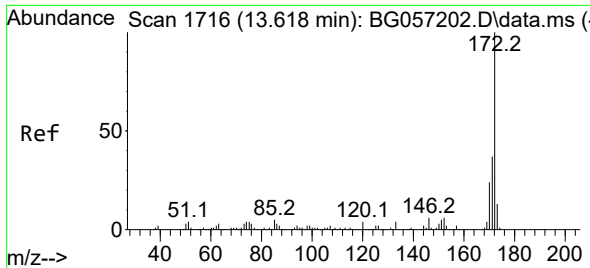
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#44
2,4,5-Trichlorophenol
Concen: 26.608 ng
RT: 13.508 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

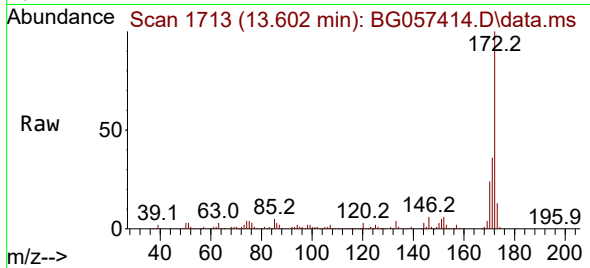
Tgt Ion:196 Resp: 34489
Ion Ratio Lower Upper
196 100
198 98.8 79.4 119.2
97 44.5 37.0 55.4
132 19.1 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 56.617 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



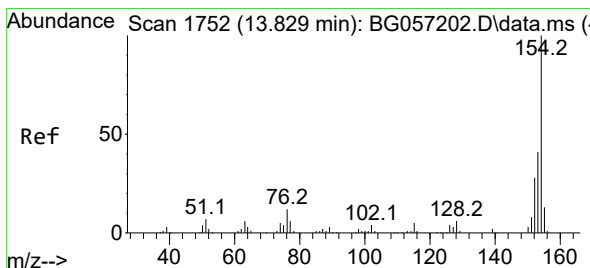
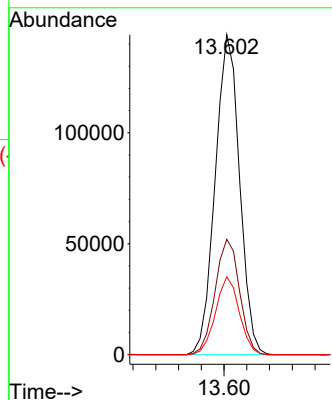
Tgt Ion:172 Resp: 214180
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 19.0 28.6

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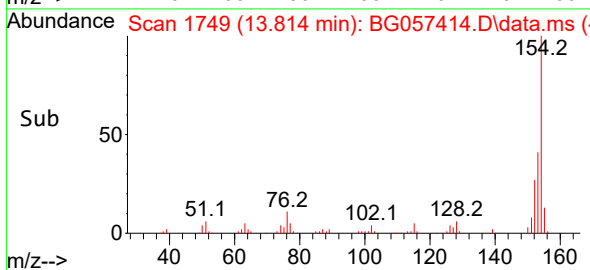
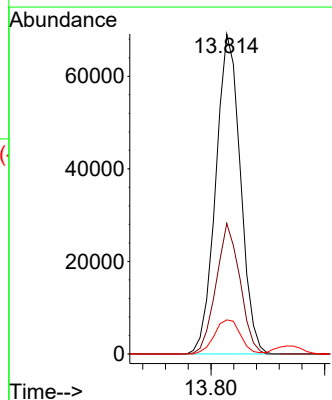
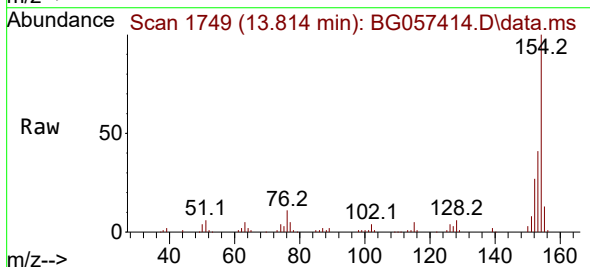
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#46
1,1'-Biphenyl
Concen: 27.541 ng
RT: 13.814 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

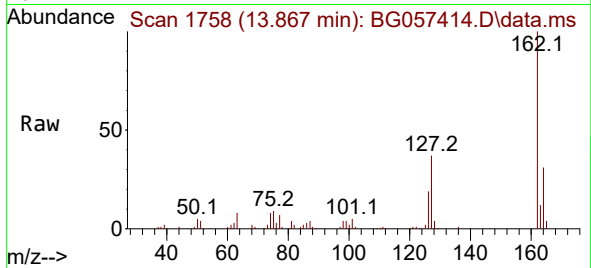
Tgt Ion:154 Resp: 104120
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 10.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 28.425 ng
RT: 13.867 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



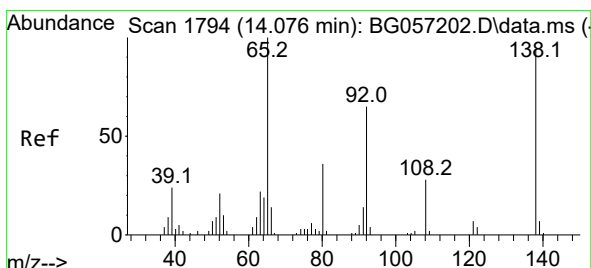
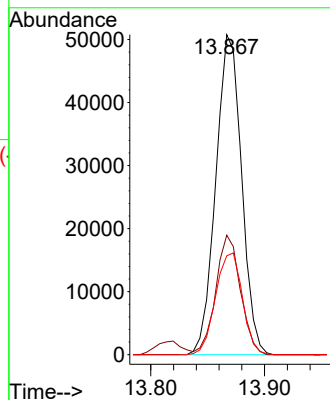
Tgt Ion:162 Resp: 79912
Ion Ratio Lower Upper
162 100
127 37.3 29.8 44.6
164 30.9 26.6 40.0

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Supervised By :Yogesh Patel 05/16/2023

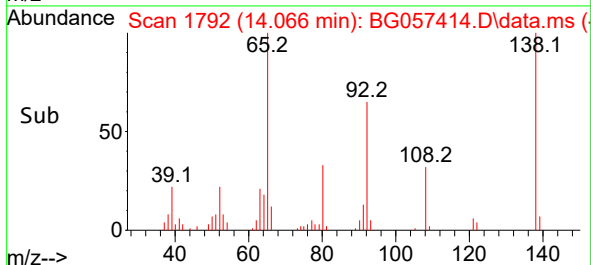
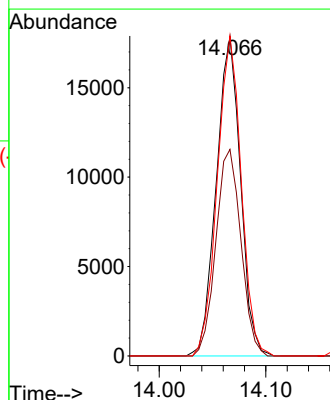
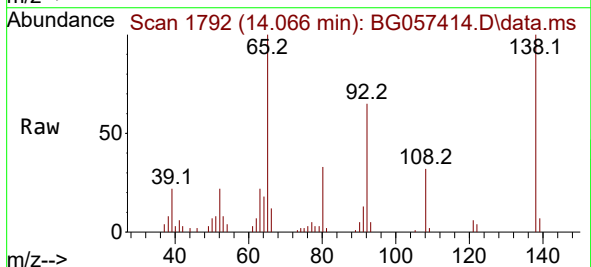
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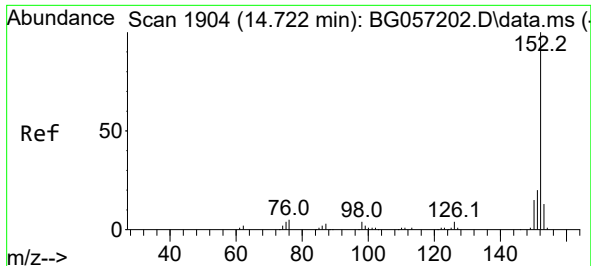
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#48
2-Nitroaniline
Concen: 29.337 ng
RT: 14.066 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

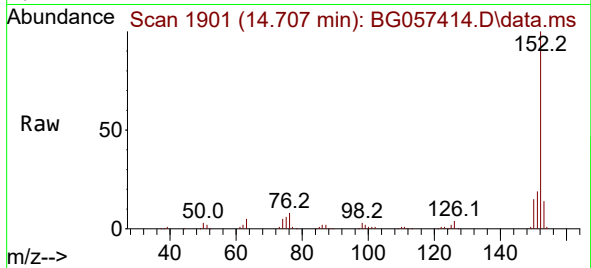
Tgt Ion: 65 Resp: 28044
Ion Ratio Lower Upper
65 100
92 64.7 52.1 78.1
138 100.2 75.3 112.9





#49
Acenaphthylene
Concen: 28.300 ng
RT: 14.707 min Scan# 1904
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument : BNA_G
ClientSampleId : FSND-IDW-AQ-05042023MSD



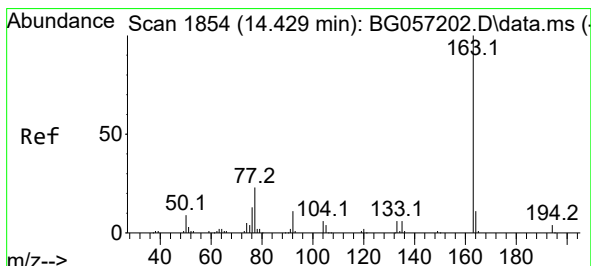
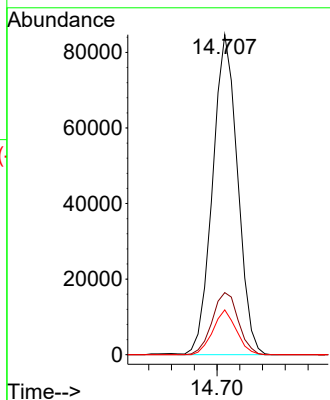
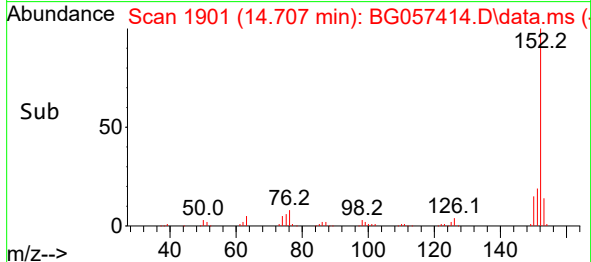
Tgt Ion:152 Resp: 12925
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 14.0 10.7 16.1

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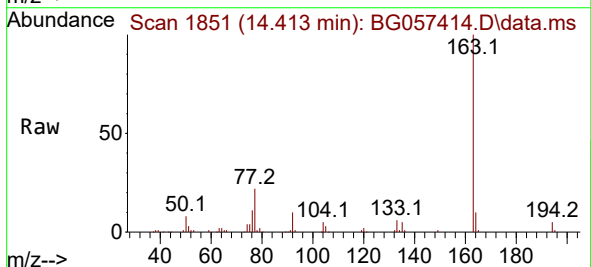
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

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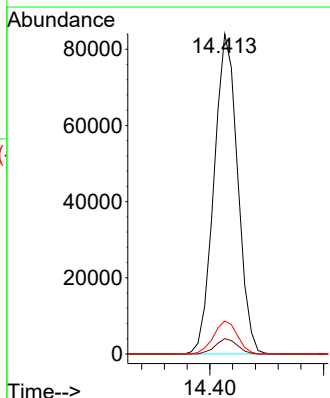
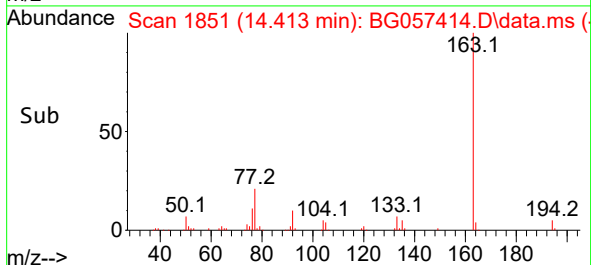
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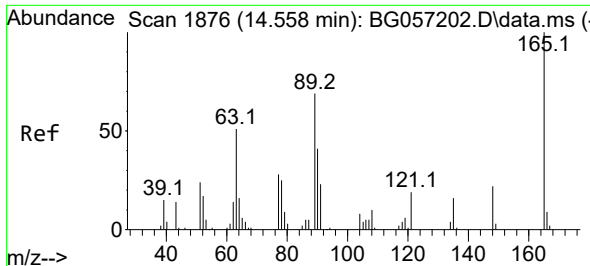


#50
Dimethylphthalate
Concen: 28.978 ng
RT: 14.413 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15



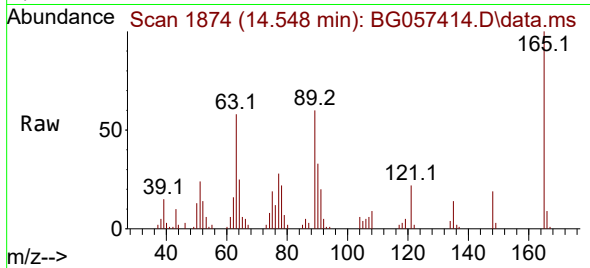
Tgt Ion:163 Resp: 121325
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.3 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 30.830 ng
RT: 14.548 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



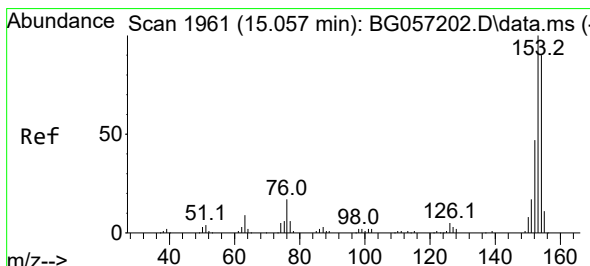
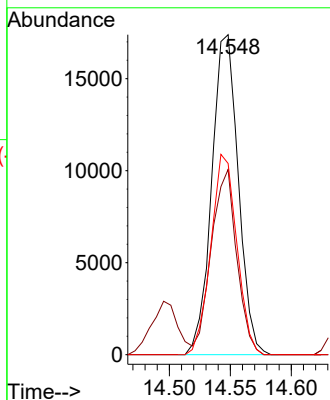
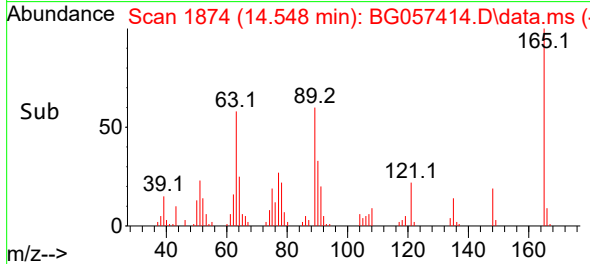
Tgt Ion:165 Resp: 26354
Ion Ratio Lower Upper
165 100
63 57.9 50.9 76.3
89 59.7 55.2 82.8

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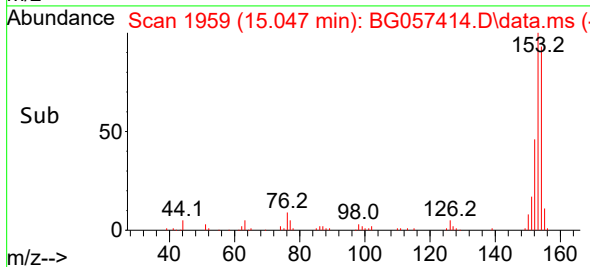
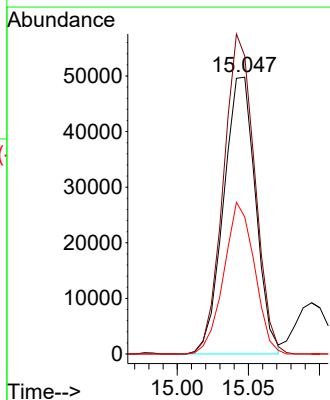
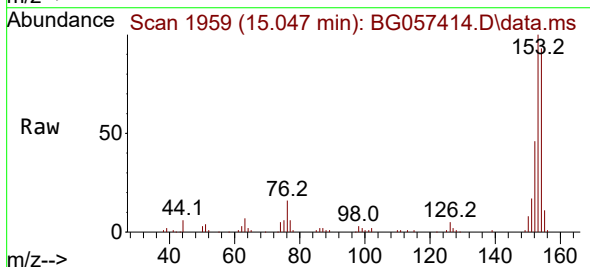
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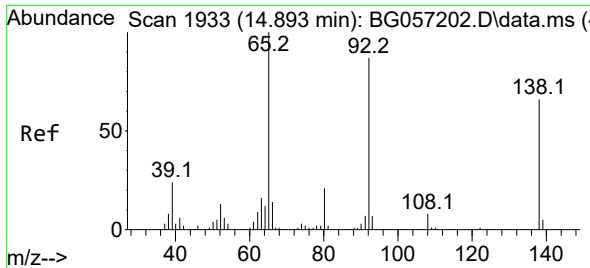
05/16/2023



#52
Acenaphthene
Concen: 27.380 ng
RT: 15.047 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

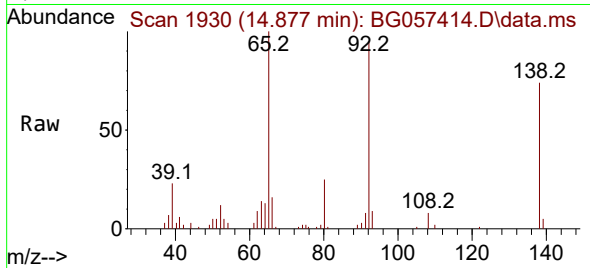
Tgt Ion:154 Resp: 78145
Ion Ratio Lower Upper
154 100
153 107.6 89.3 133.9
152 49.5 41.7 62.5





#53
3-Nitroaniline
Concen: 23.591 ng
RT: 14.877 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



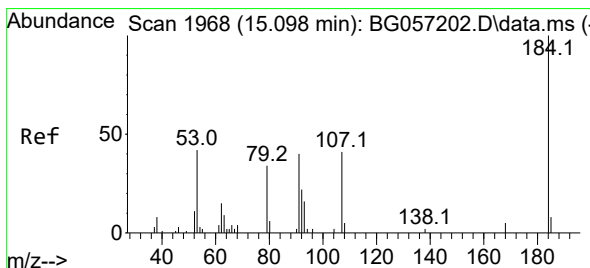
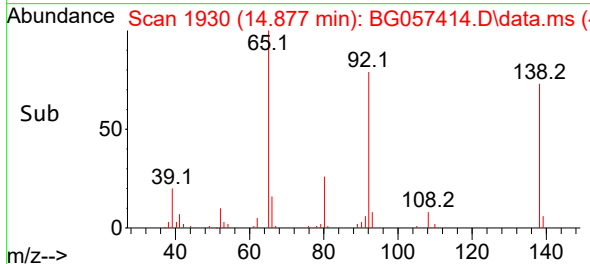
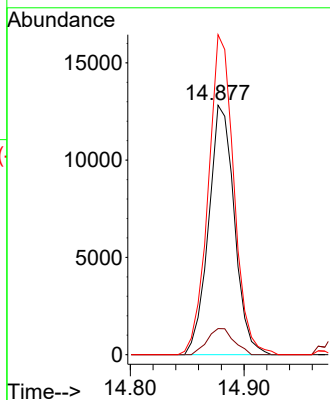
Tgt Ion:138 Resp: 2020
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 128.3 106.2 159.4

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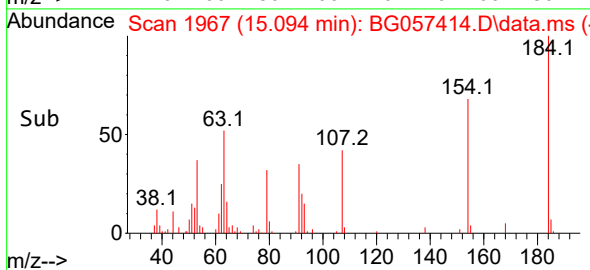
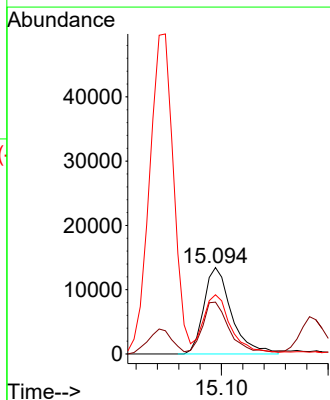
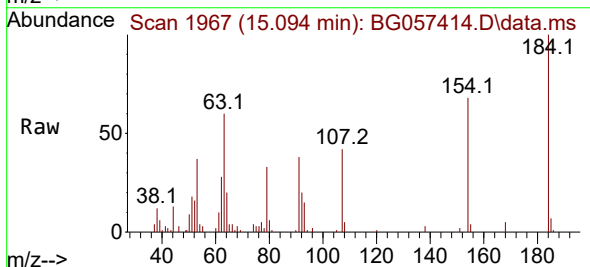
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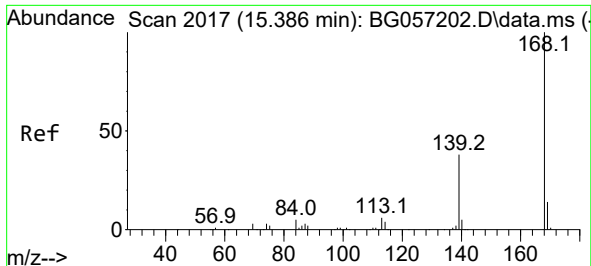
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#54
2,4-Dinitrophenol
Concen: 47.812 ng
RT: 15.094 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

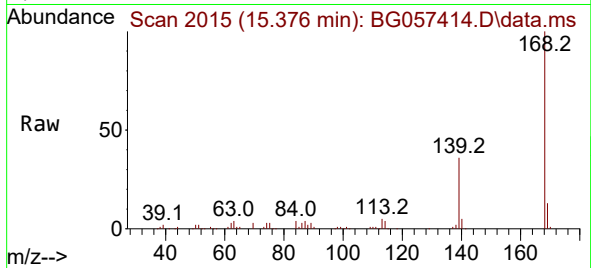
Tgt Ion:184 Resp: 24195
Ion Ratio Lower Upper
184 100
63 60.0 48.2 72.4
154 68.5 55.4 83.2





#55
Dibenzenofuran
Concen: 28.472 ng
RT: 15.376 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



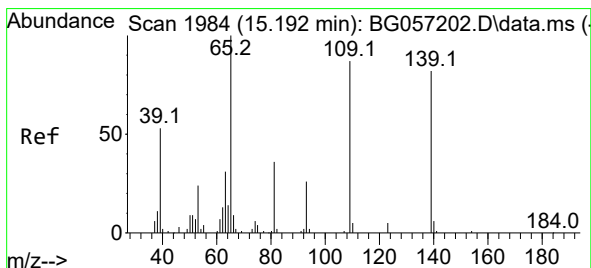
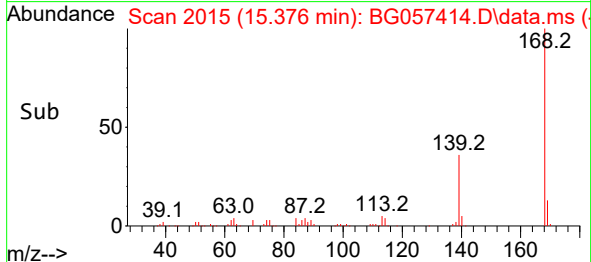
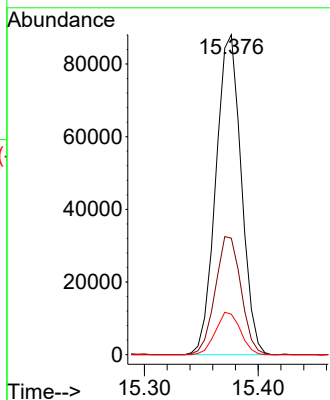
Tgt Ion:168 Resp: 13653
Ion Ratio Lower Upper
168 100
139 36.4 30.7 46.1
169 12.6 10.9 16.3

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Supervised By :Yogesh Patel 05/16/2023

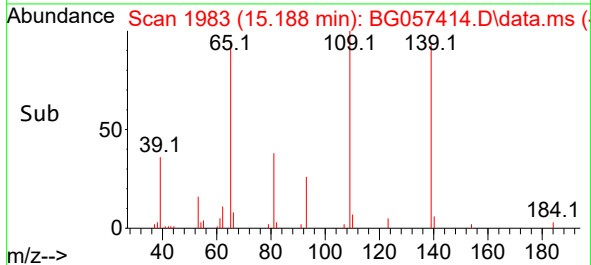
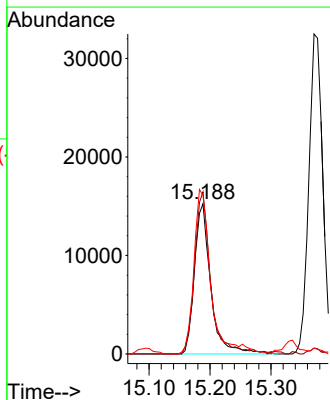
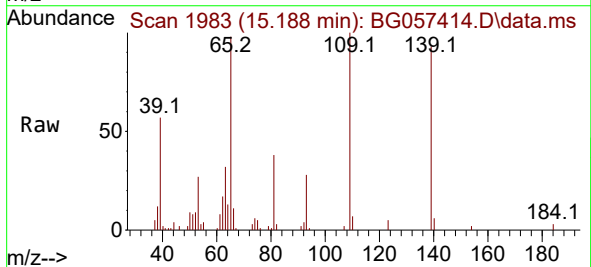
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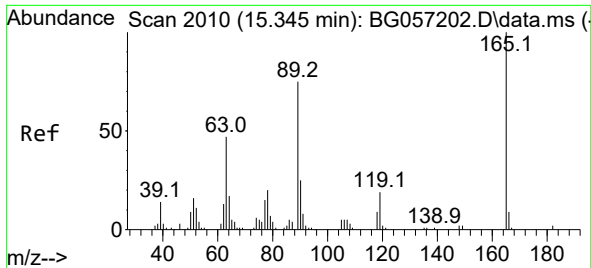
05/16/2023



#56
4-Nitrophenol
Concen: 50.007 ng
RT: 15.188 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

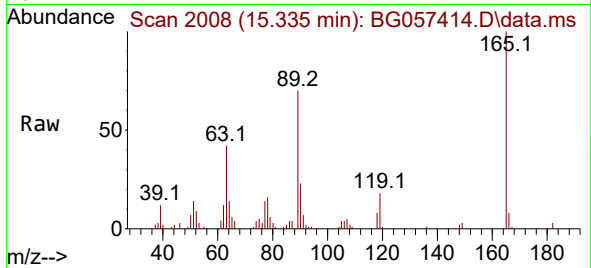
Tgt Ion:139 Resp: 28483
Ion Ratio Lower Upper
139 100
109 107.9 86.6 126.6
65 105.4 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 29.568 ng
RT: 15.335 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



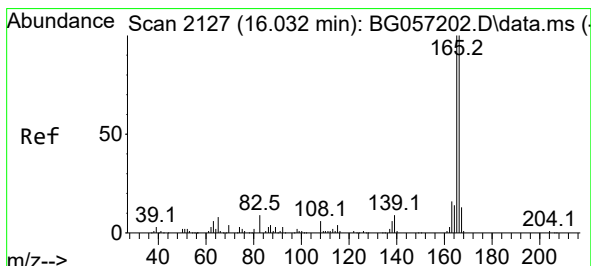
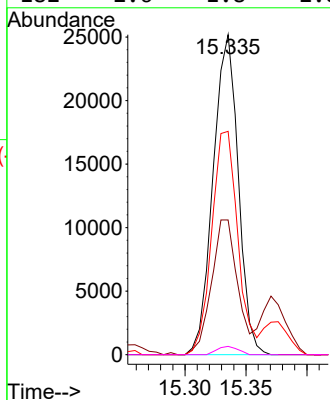
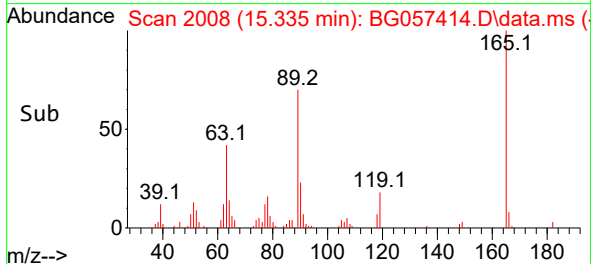
Tgt Ion:165 Resp: 3612
Ion Ratio Lower Upper
165 100
63 42.1 37.5 56.3
89 69.8 60.2 90.4
182 2.6 1.8 2.8

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Supervised By :Yogesh Patel 05/16/2023

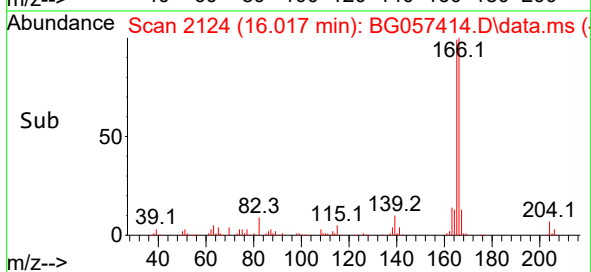
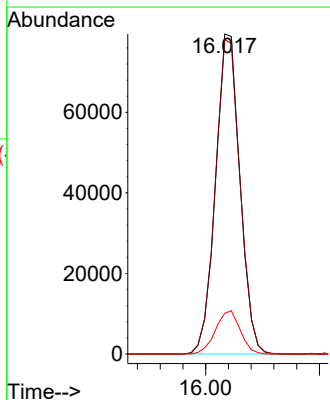
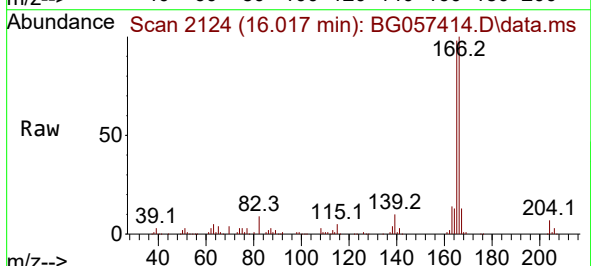
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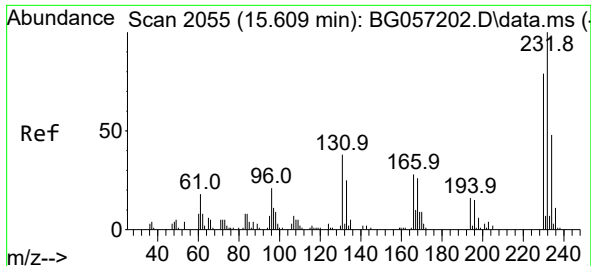
05/16/2023



#58
Fluorene
Concen: 29.889 ng
RT: 16.017 min Scan# 2124
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

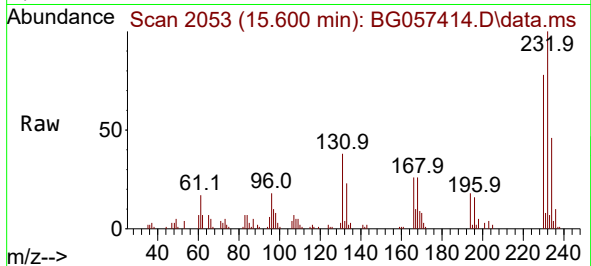
Tgt Ion:166 Resp: 118060
Ion Ratio Lower Upper
166 100
165 98.3 80.1 120.1
167 12.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 30.339 ng
RT: 15.600 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



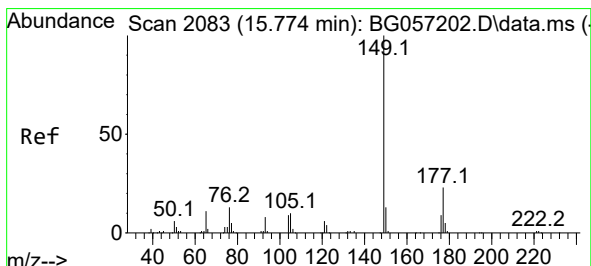
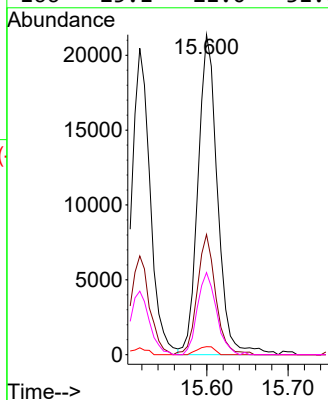
Tgt Ion:232 Resp: 3565
Ion Ratio Lower Upper
232 100
131 35.3 28.6 42.8
130 2.2 1.6 2.4
166 25.1 21.0 31.6

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Supervised By :Yogesh Patel 05/16/2023

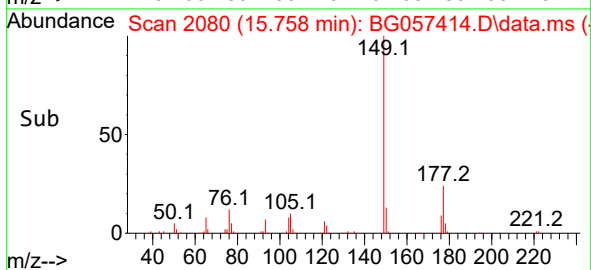
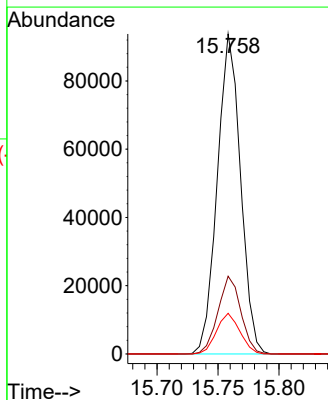
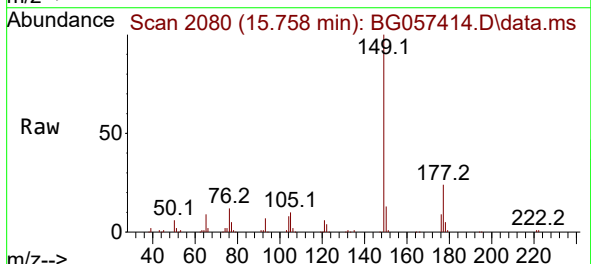
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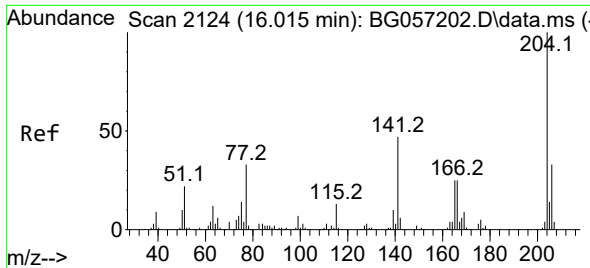
05/16/2023



#60
Diethylphthalate
Concen: 29.235 ng
RT: 15.758 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

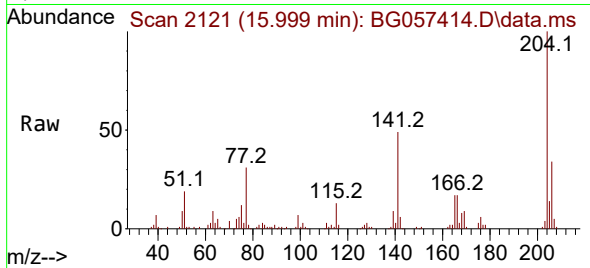
Tgt Ion:149 Resp: 124300
Ion Ratio Lower Upper
149 100
177 24.3 18.3 27.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 28.896 ng
RT: 15.999 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



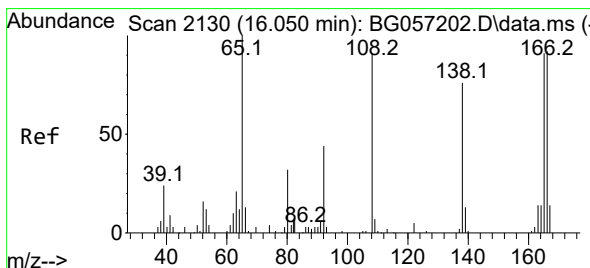
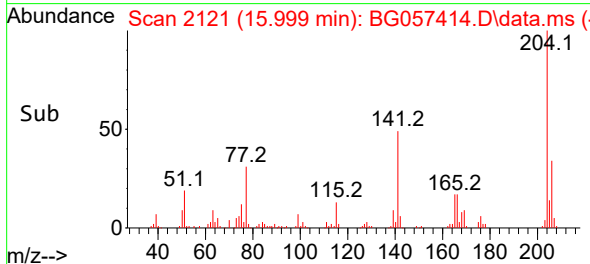
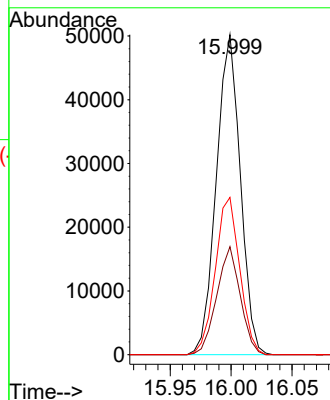
Tgt Ion:204 Resp: 68760
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 49.1 37.4 56.0

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Supervised By :Yogesh Patel 05/16/2023

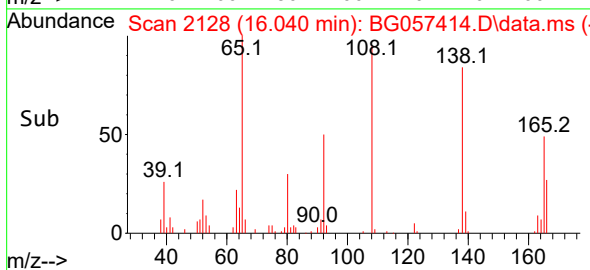
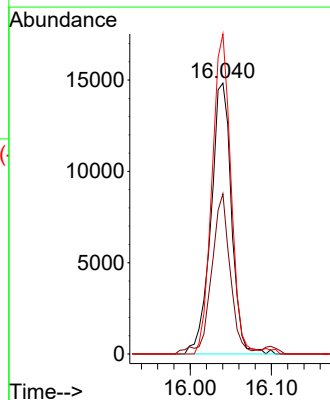
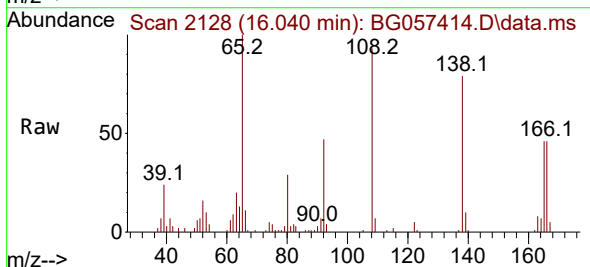
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#62
4-Nitroaniline
Concen: 30.164 ng
RT: 16.040 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

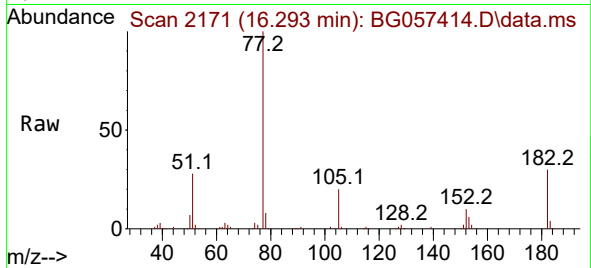
Tgt Ion:138 Resp: 26060
Ion Ratio Lower Upper
138 100
92 59.1 38.2 78.2
108 118.1 99.6 139.6





#63
Azobenzene
Concen: 27.373 ng
RT: 16.293 min Scan# 2174
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



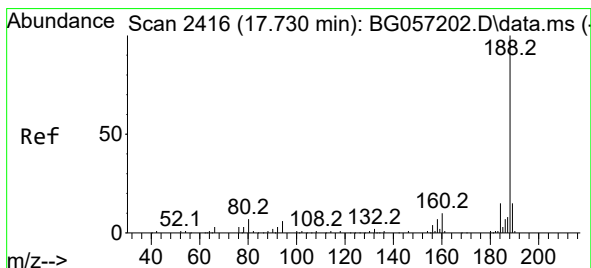
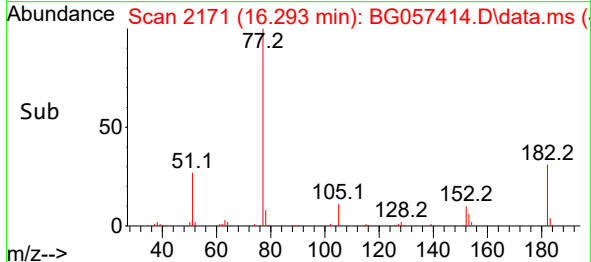
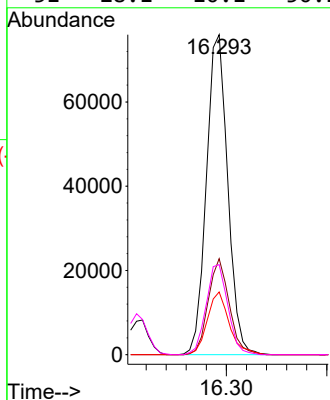
Tgt Ion: 77 Resp: 112295
Ion Ratio Lower Upper
77 100
182 30.0 7.4 47.4
105 19.6 0.0 37.2
51 28.1 10.1 50.1

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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

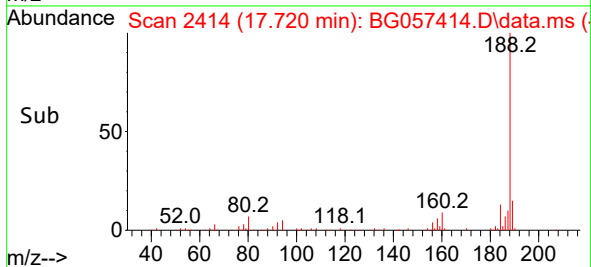
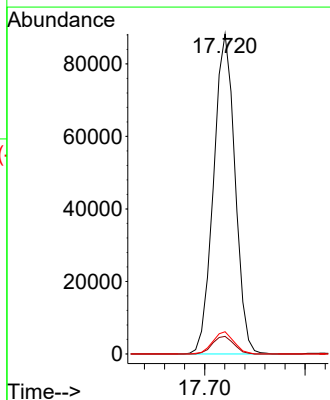
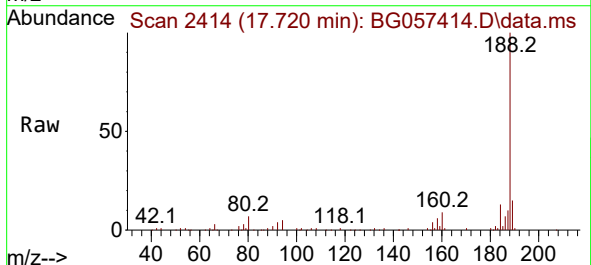
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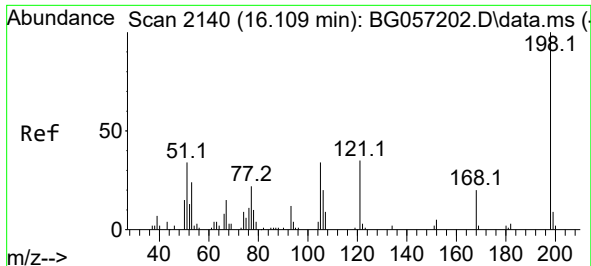
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

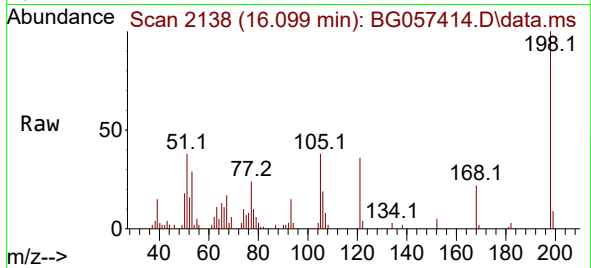
Tgt Ion:188 Resp: 130959
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 7.0 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 26.976 ng
RT: 16.099 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



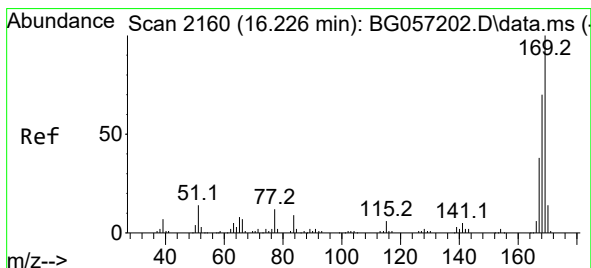
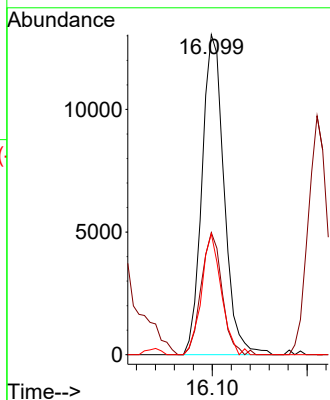
Tgt Ion:198 Resp: 2109
Ion Ratio Lower Upper
198 100
51 38.1 16.1 56.1
105 37.8 14.0 54.0

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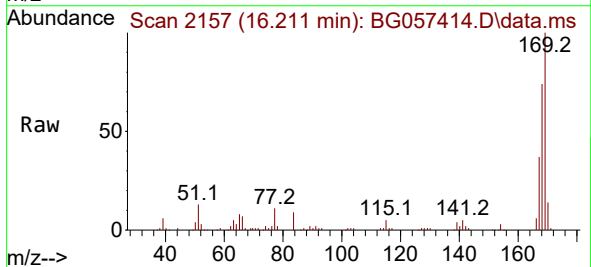
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

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Patel

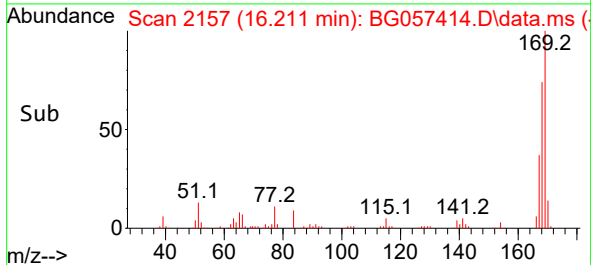
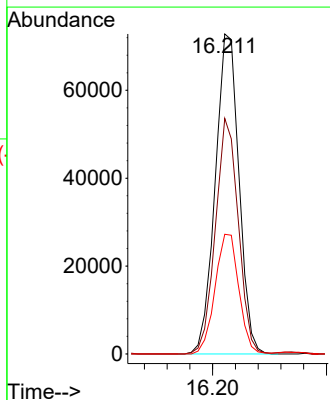
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#66
n-Nitrosodiphenylamine
Concen: 29.661 ng
RT: 16.211 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15



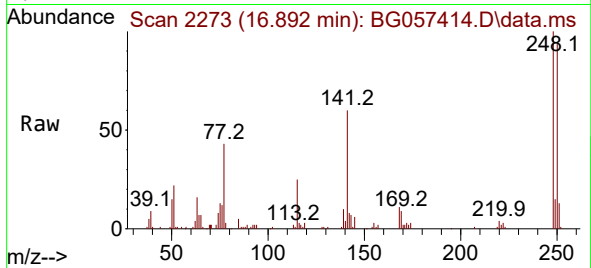
Tgt Ion:169 Resp: 105499
Ion Ratio Lower Upper
169 100
168 73.6 56.2 84.4
167 37.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 30.399 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



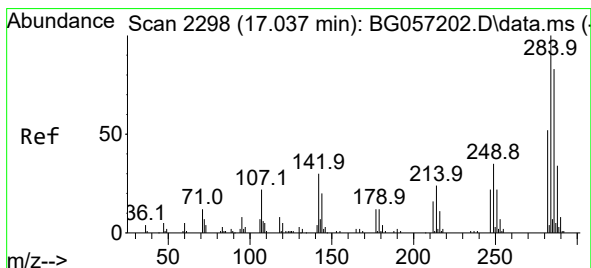
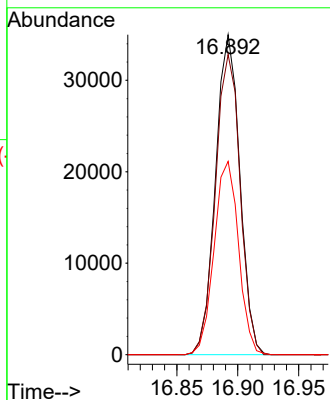
Tgt Ion:248 Resp: 48598
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.6
141 60.4 48.6 72.8

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Supervised By :Yogesh Patel 05/16/2023

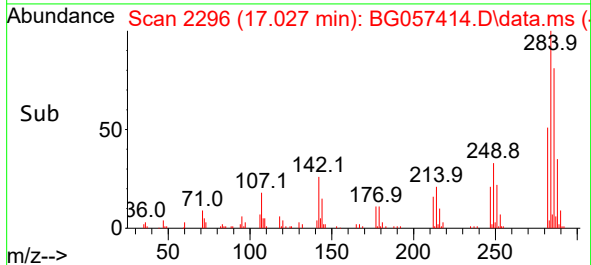
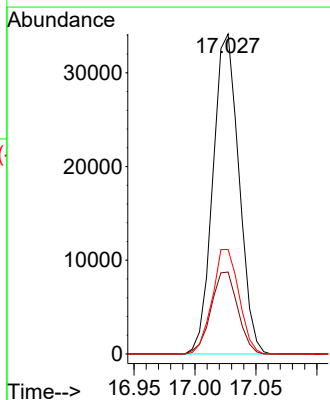
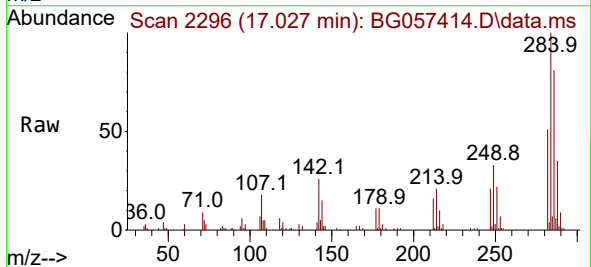
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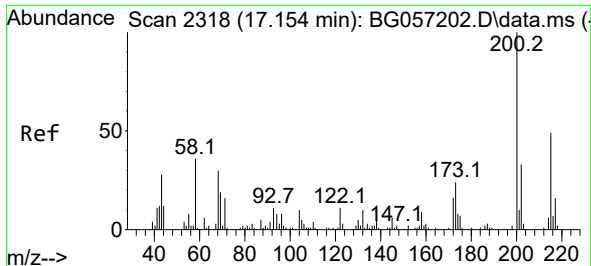
05/16/2023



#68
Hexachlorobenzene
Concen: 32.668 ng
RT: 17.027 min Scan# 2296
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

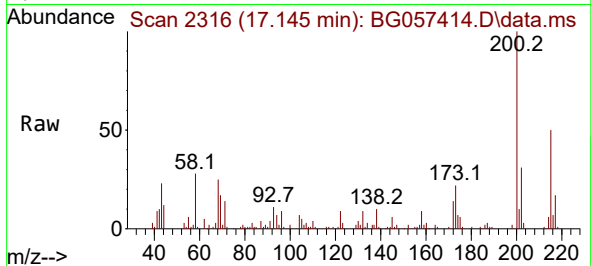
Tgt Ion:284 Resp: 50751
Ion Ratio Lower Upper
284 100
142 25.6 23.9 35.9
249 32.7 27.7 41.5





#69
 Atrazine
 Concen: 34.541 ng
 RT: 17.145 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057414.D
 Acq: 12 May 2023 18:15

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MSD



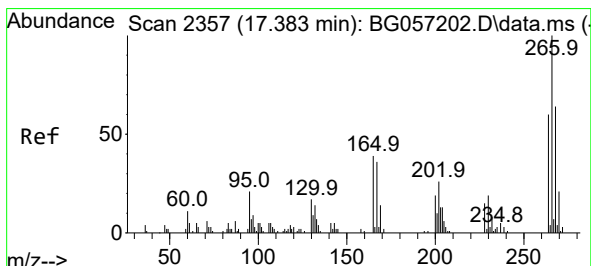
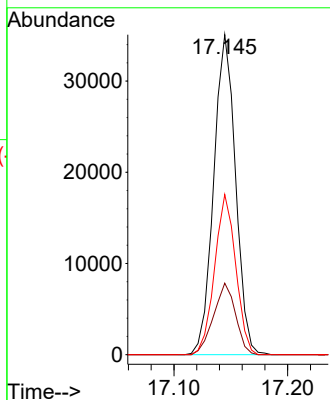
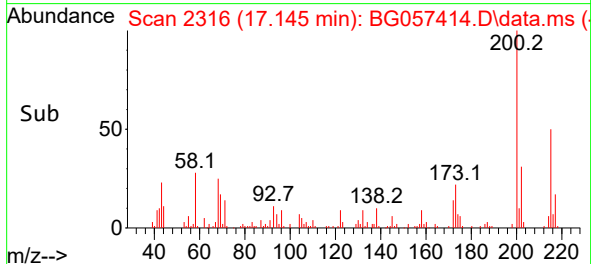
Tgt Ion:200 Resp: 46860
 Ion Ratio Lower Upper
 200 100
 173 22.3 4.3 44.3
 215 50.1 29.3 69.3

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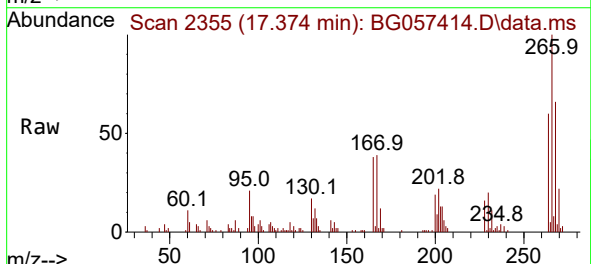
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

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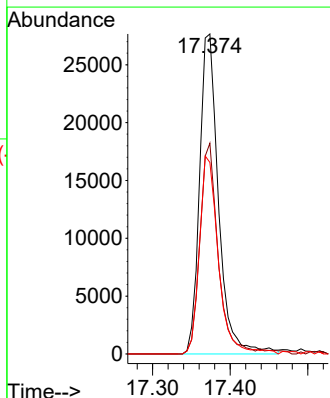
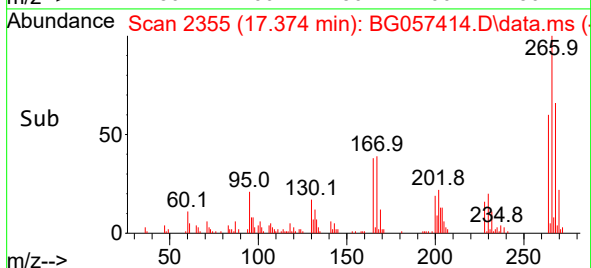
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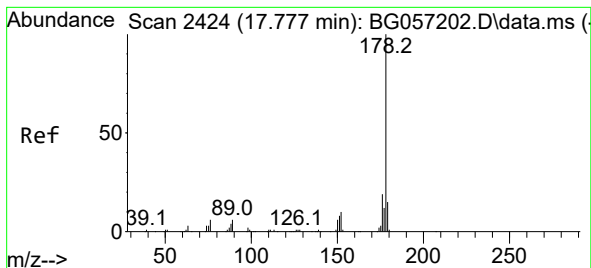


#70
 Pentachlorophenol
 Concen: 52.474 ng
 RT: 17.374 min Scan# 2355
 Delta R.T. -0.001 min
 Lab File: BG057414.D
 Acq: 12 May 2023 18:15



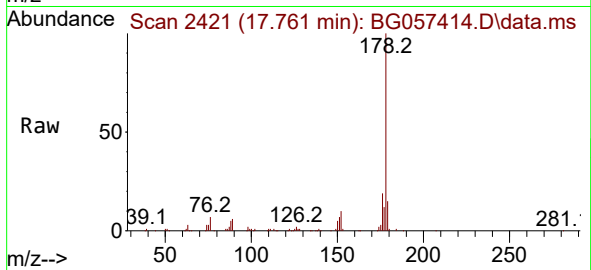
Tgt Ion:266 Resp: 46982
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.0 76.6
 264 59.8 47.8 71.6





#71
Phenanthrene
Concen: 30.314 ng
RT: 17.761 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



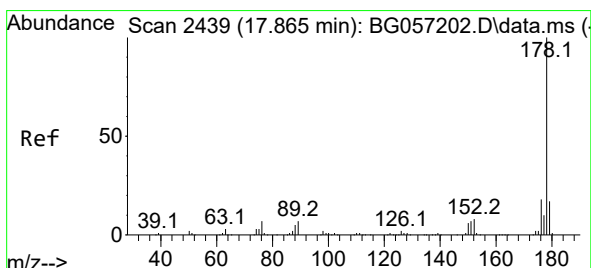
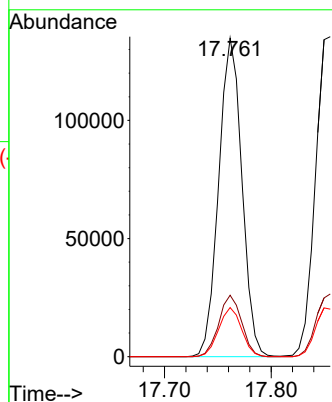
Tgt Ion:178 Resp: 20342
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.3 18.5

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Supervised By :Yogesh Patel 05/16/2023

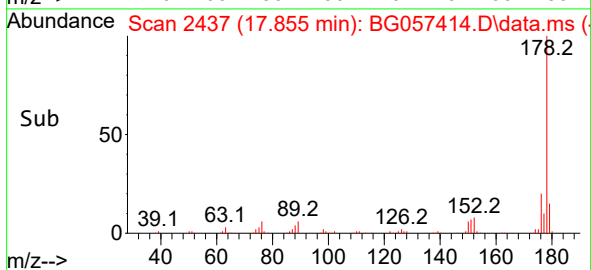
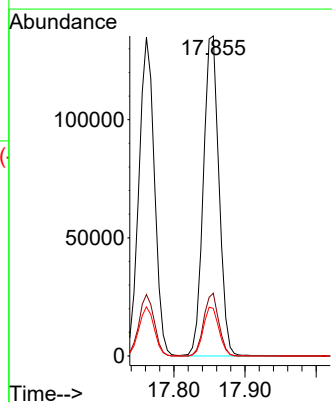
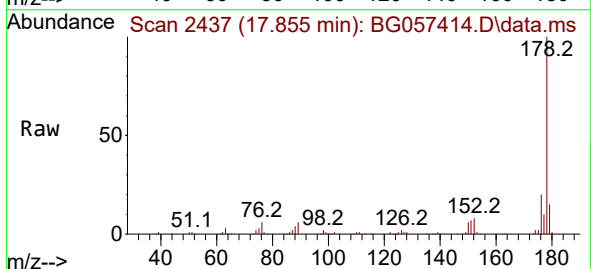
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Patel

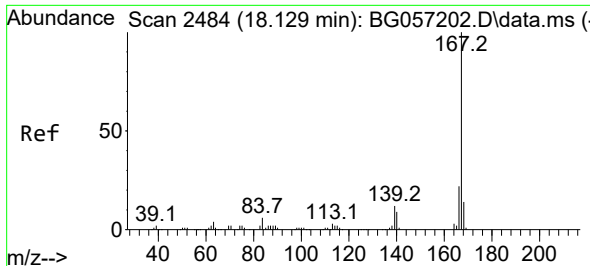
05/16/2023



#72
Anthracene
Concen: 30.112 ng
RT: 17.855 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

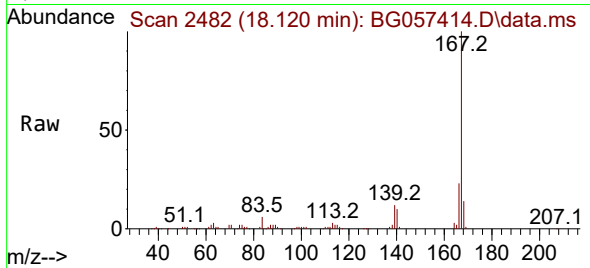
Tgt Ion:178 Resp: 207340
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 14.9 13.2 19.8





#73
Carbazole
Concen: 31.285 ng
RT: 18.120 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



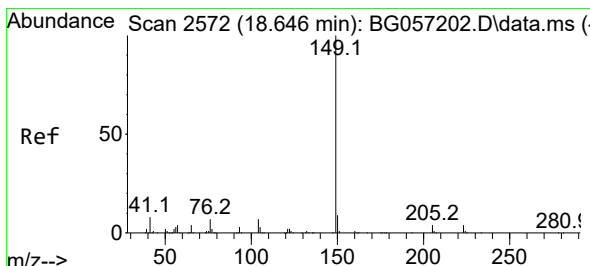
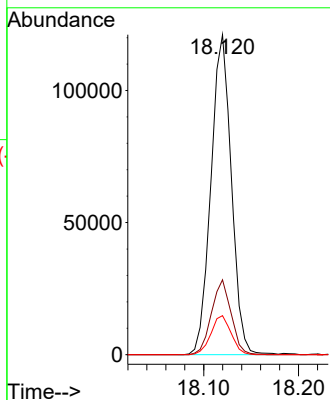
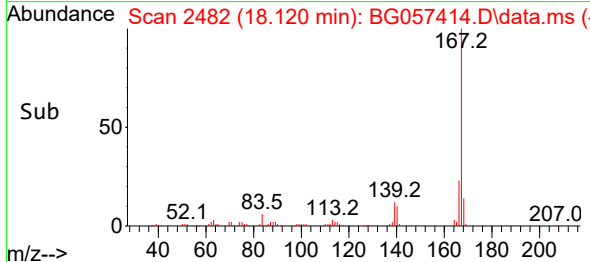
Tgt Ion:167 Resp: 18135
Ion Ratio Lower Upper
167 100
166 23.4 17.4 26.0
139 12.2 9.6 14.4

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Supervised By :Yogesh Patel 05/16/2023

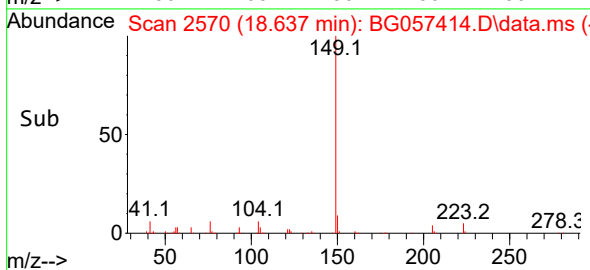
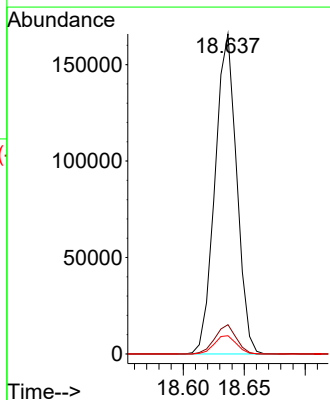
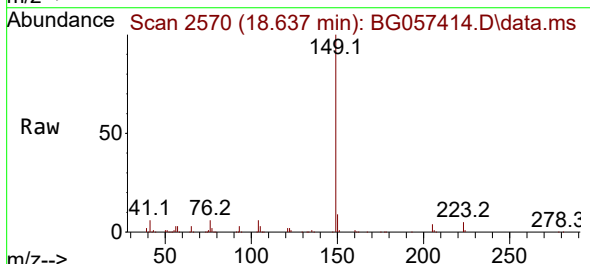
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Patel

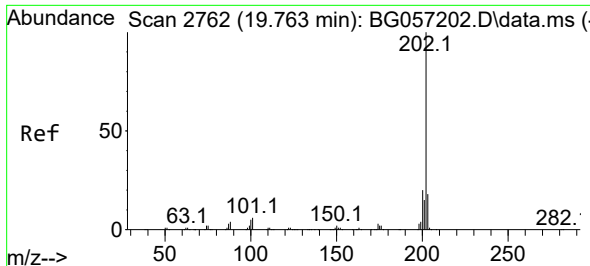
05/16/2023



#74
Di-n-butylphthalate
Concen: 30.829 ng
RT: 18.637 min Scan# 2570
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

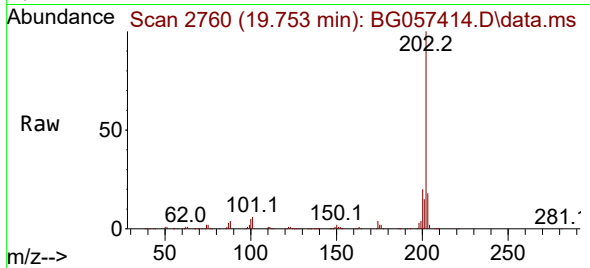
Tgt Ion:149 Resp: 205613
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 30.072 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



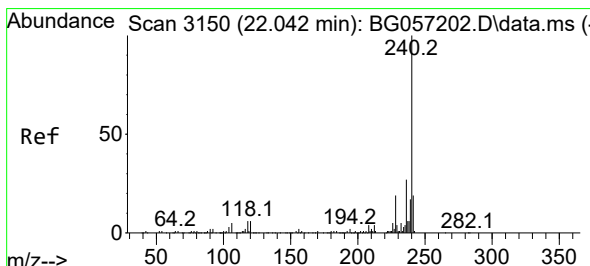
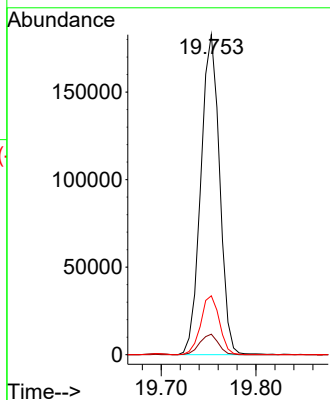
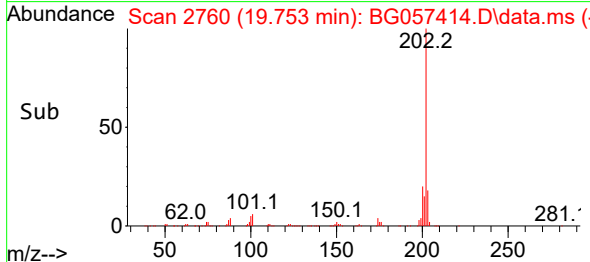
Tgt Ion:202 Resp: 25098
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.4 0.0 37.9

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Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

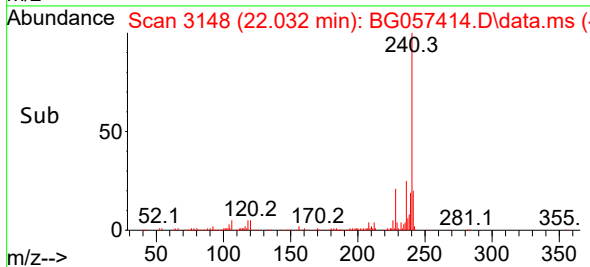
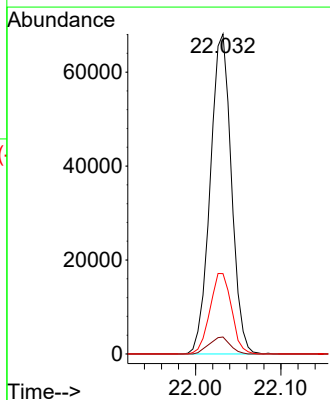
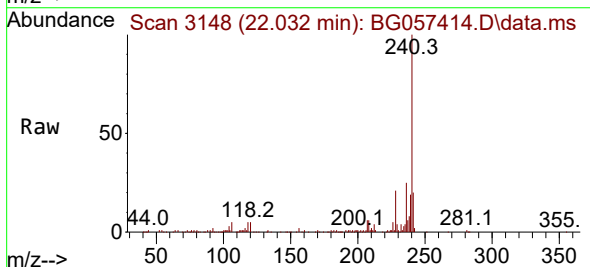
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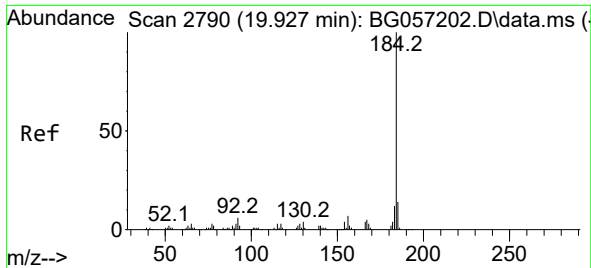
05/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.032 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

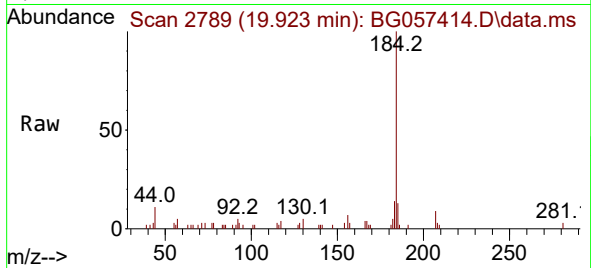
Tgt Ion:240 Resp: 117133
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 25.1 21.4 32.2





#77
Benzidine
Concen: 6.211 ng
RT: 19.923 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



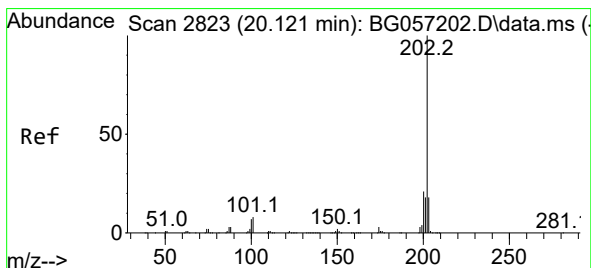
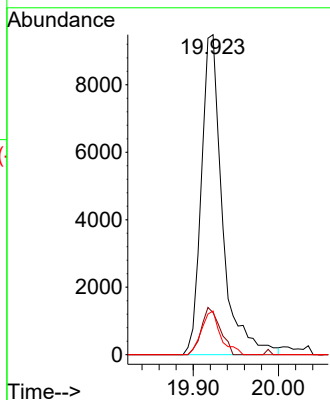
Tgt Ion:184 Resp: 1626
Ion Ratio Lower Upper
184 100
185 13.2 11.1 16.7
183 13.6 9.9 14.9

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Supervised By :Yogesh Patel 05/16/2023

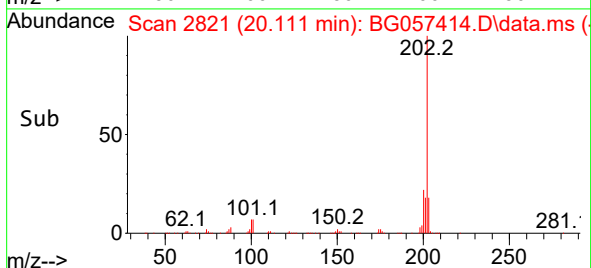
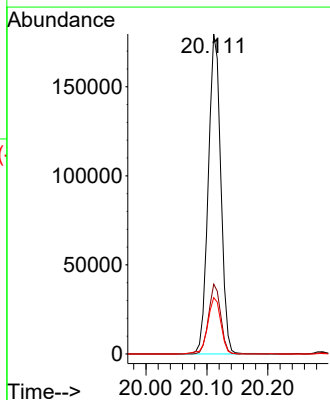
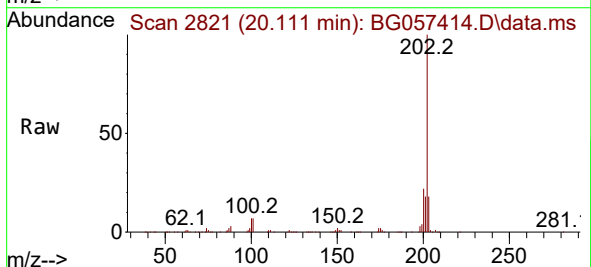
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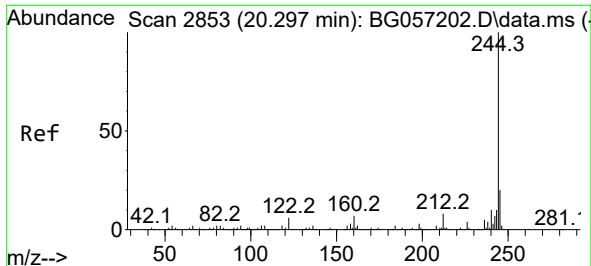
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#78
Pyrene
Concen: 30.115 ng
RT: 20.111 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

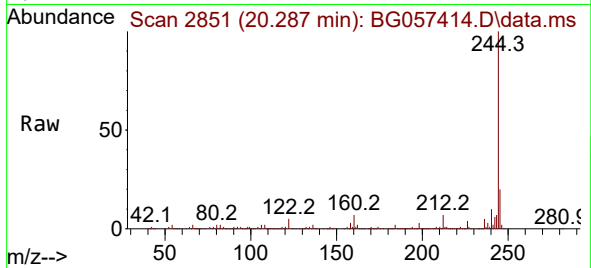
Tgt Ion:202 Resp: 256326
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.4
203 17.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 62.948 ng
 RT: 20.287 min Scan# 2853
 Delta R.T. -0.001 min
 Lab File: BG057414.D
 Acq: 12 May 2023 18:15

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MSD



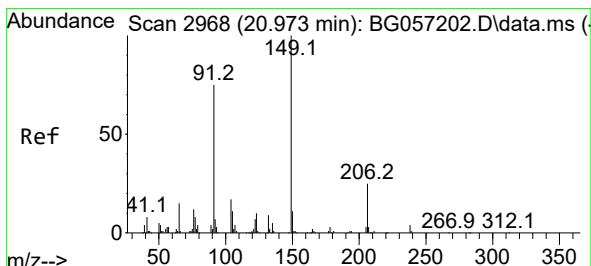
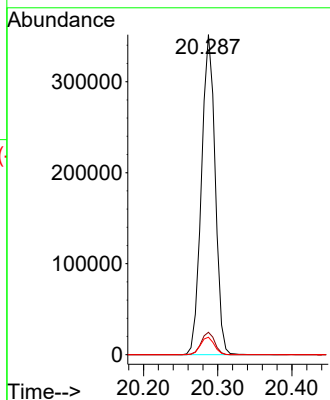
Tgt Ion:244 Resp: 451818
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.4 5.1 7.7

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 Supervised By :Yogesh Patel 05/16/2023

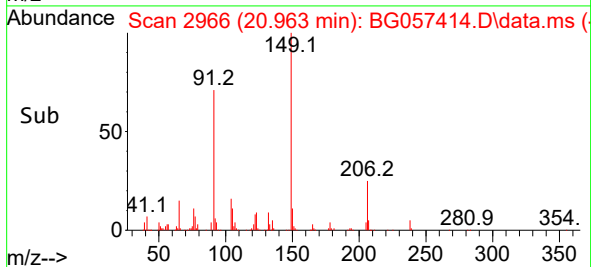
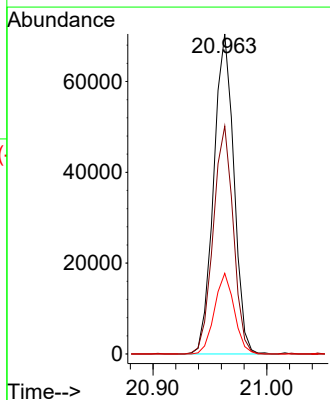
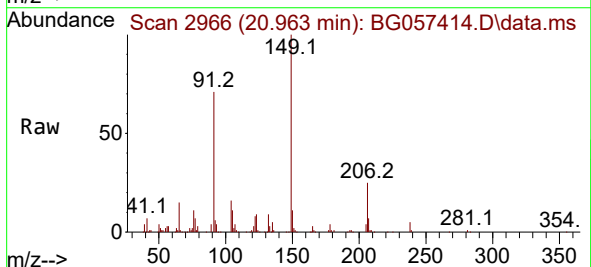
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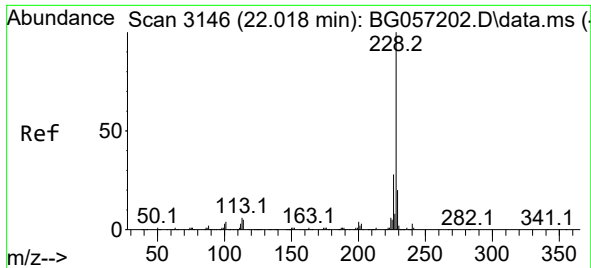
05/16/2023



#80
 Butylbenzylphthalate
 Concen: 32.235 ng
 RT: 20.963 min Scan# 2966
 Delta R.T. -0.001 min
 Lab File: BG057414.D
 Acq: 12 May 2023 18:15

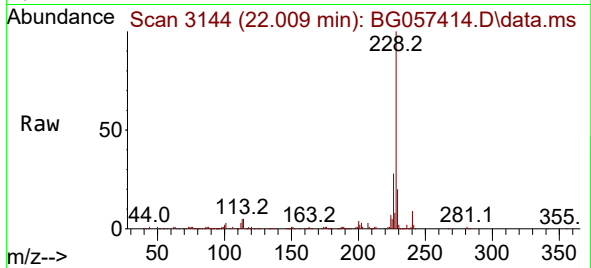
Tgt Ion:149 Resp: 87056
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.7 89.5
 206 25.2 19.7 29.5





#81
Benzo(a)anthracene
Concen: 30.090 ng
RT: 22.009 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



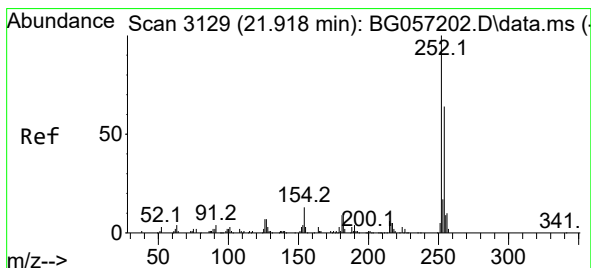
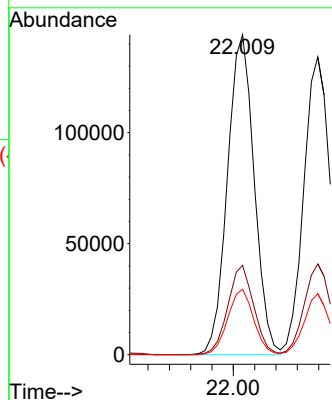
Tgt Ion:228 Resp: 251115
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.5 15.8 23.8

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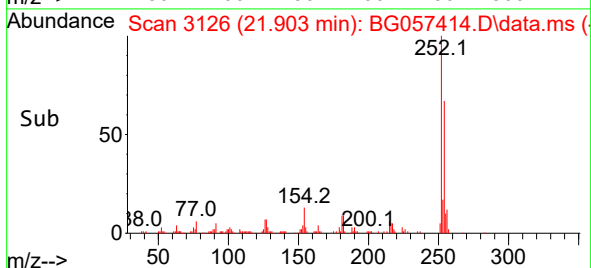
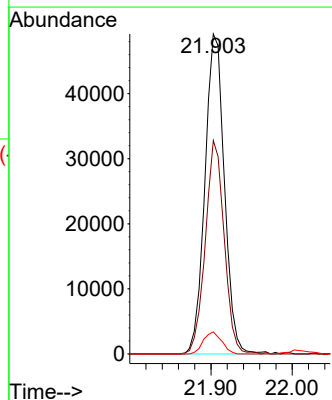
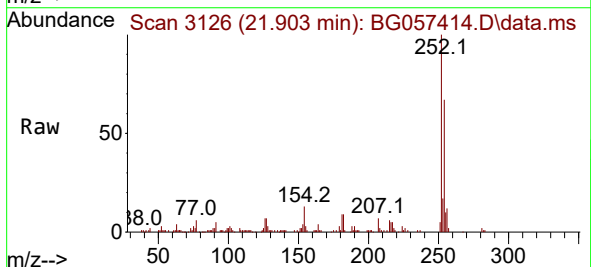
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Supervised By :Yogesh
Patel

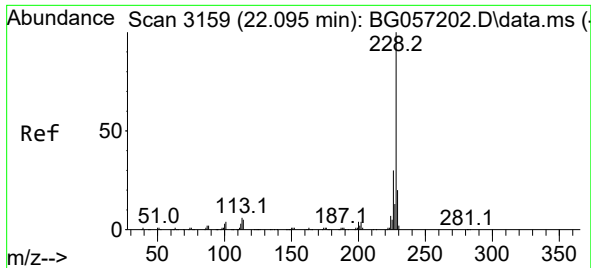
05/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.657 ng
RT: 21.903 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

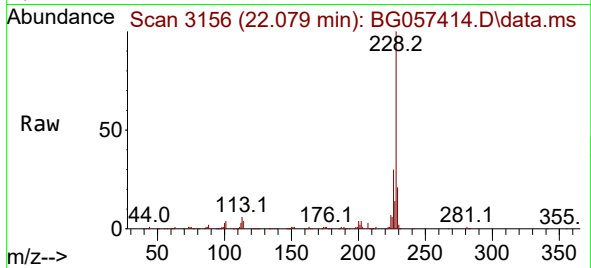
Tgt Ion:252 Resp: 81948
Ion Ratio Lower Upper
252 100
254 66.7 51.4 77.0
126 6.9 5.9 8.9





#83
Chrysene
Concen: 29.564 ng
RT: 22.079 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



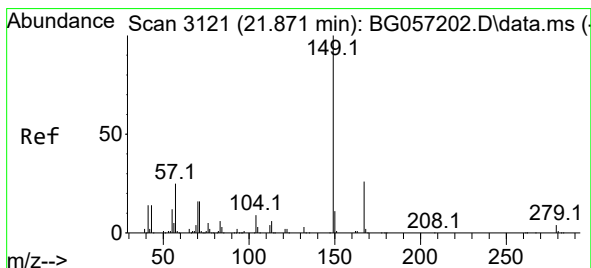
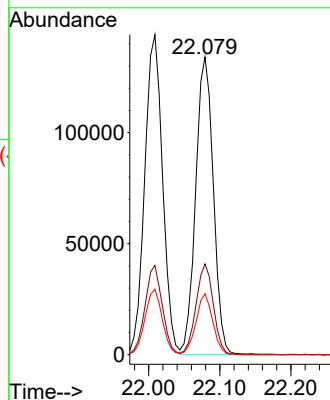
Tgt Ion:228 Resp: 232138
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.5 15.9 23.9

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Supervised By :Yogesh Patel 05/16/2023

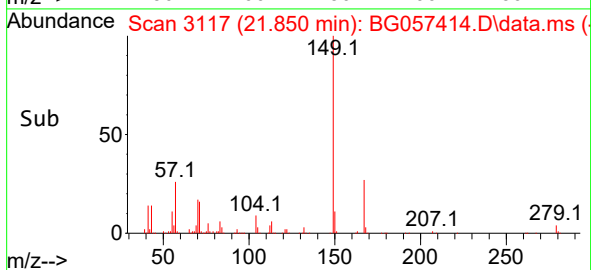
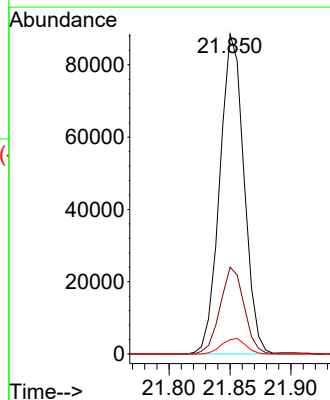
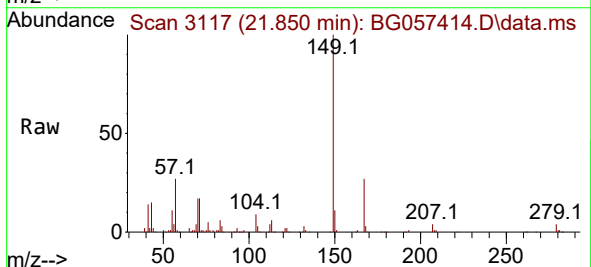
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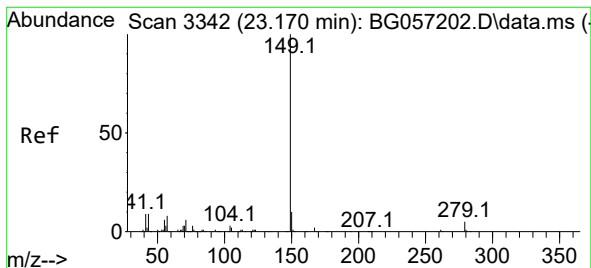
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.659 ng
RT: 21.850 min Scan# 3117
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:149 Resp: 122509
Ion Ratio Lower Upper
149 100
167 27.1 21.2 31.8
279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 31.453 ng

RT: 23.148 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD

Tgt Ion:149 Resp: 209524
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.7 7.8 11.8

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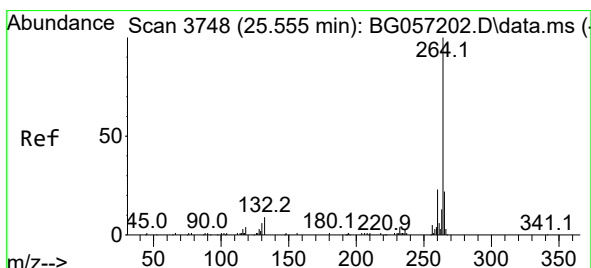
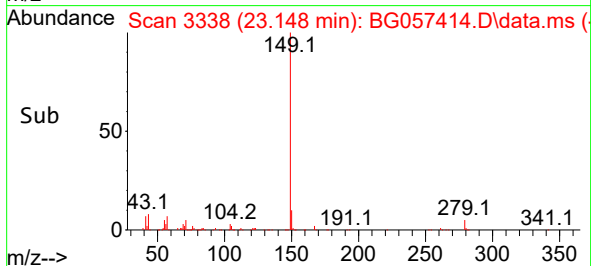
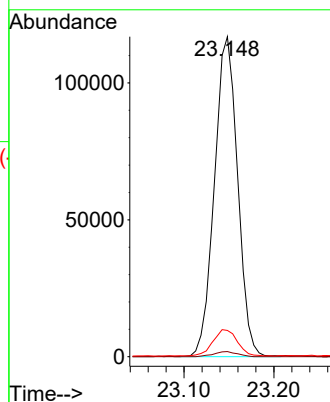
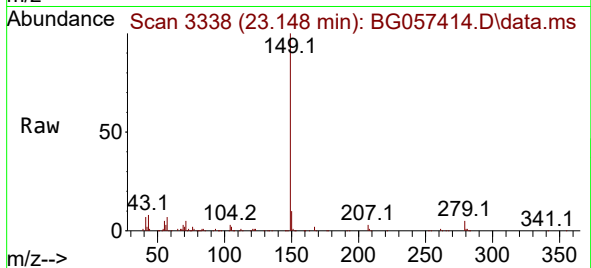
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#86

Perylene-d12

Concen: 20.000 ng

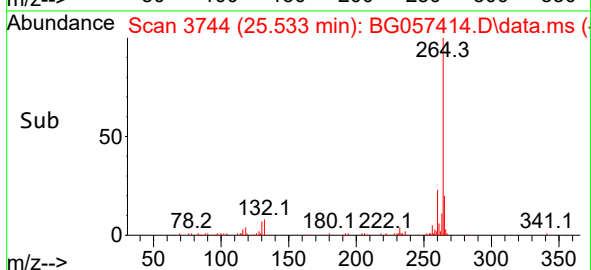
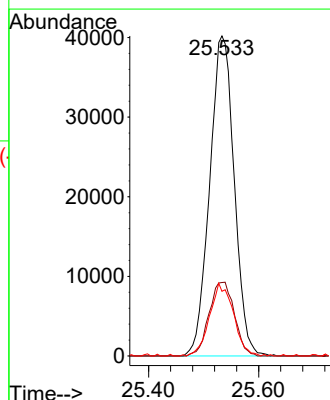
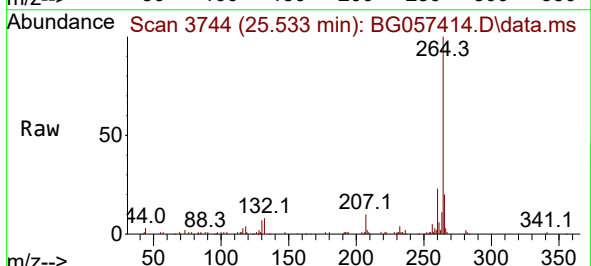
RT: 25.533 min Scan# 3744

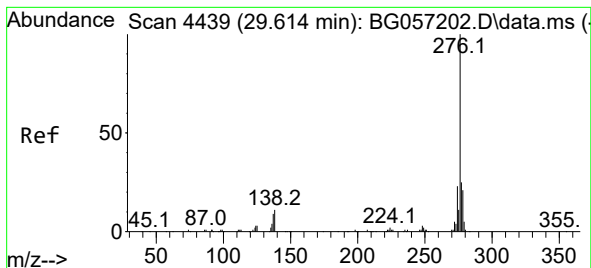
Delta R.T. -0.001 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

Tgt Ion:264 Resp: 124406
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.395 ng

RT: 29.581 min Scan# 4439

Delta R.T. -0.019 min

Lab File: BG057414.D

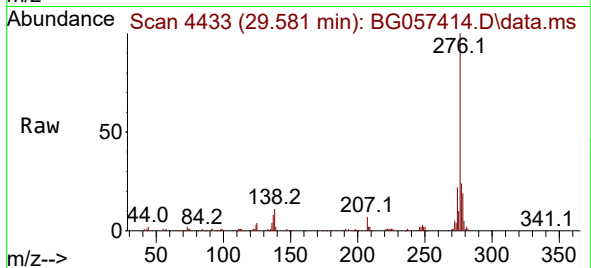
Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD



Tgt Ion:276 Resp: 27559

Ion Ratio Lower Upper

276 100

138 13.2 5.4 8.0

277 25.9 20.6 30.8

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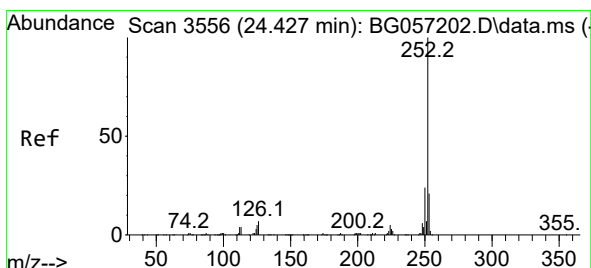
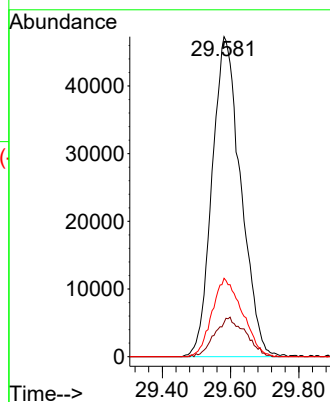
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Patel

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#88

Benzo(b)fluoranthene

Concen: 31.417 ng

RT: 24.411 min Scan# 3553

Delta R.T. -0.001 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

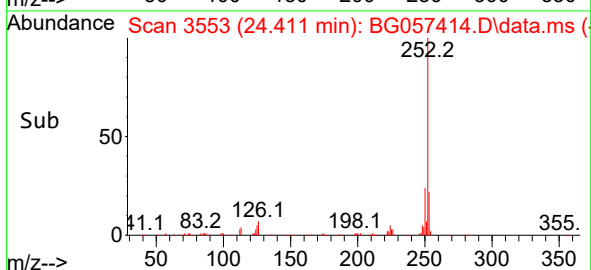
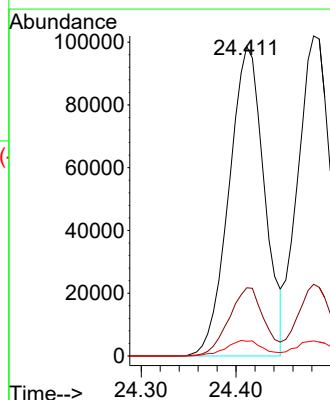
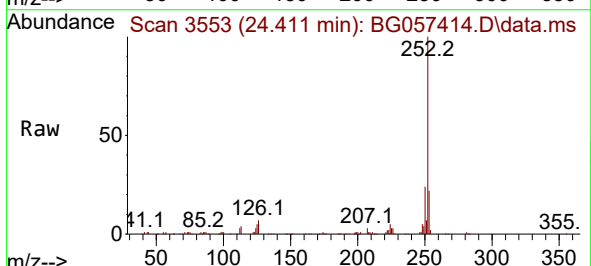
Tgt Ion:252 Resp: 255492

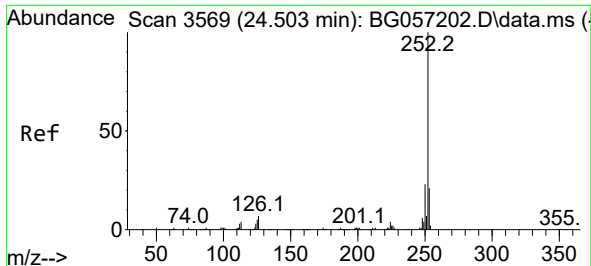
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

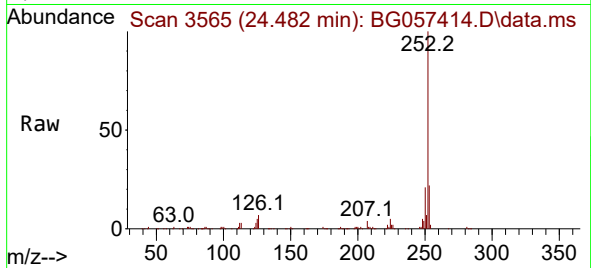
125 4.8 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 29.959 ng
RT: 24.482 min Scan# 3565
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



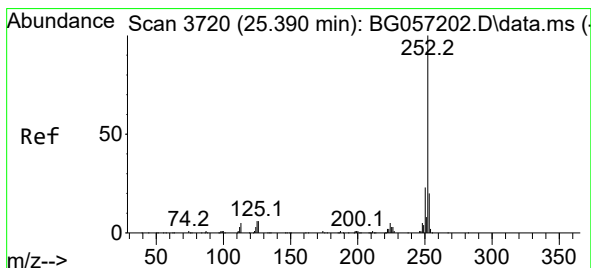
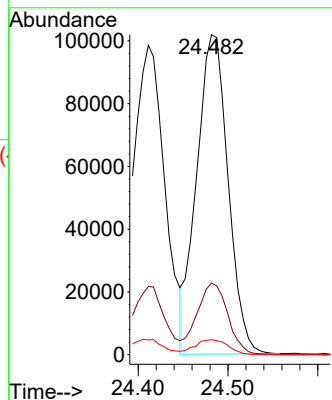
Tgt Ion:252 Resp: 247570
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 4.7 4.1 6.1

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Supervised By :Yogesh Patel 05/16/2023

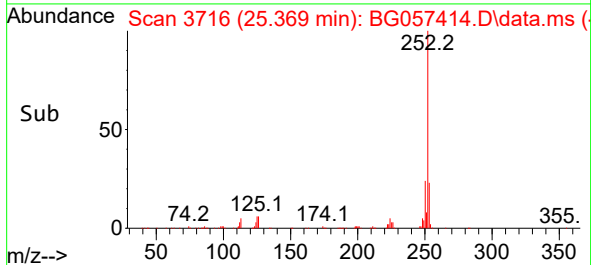
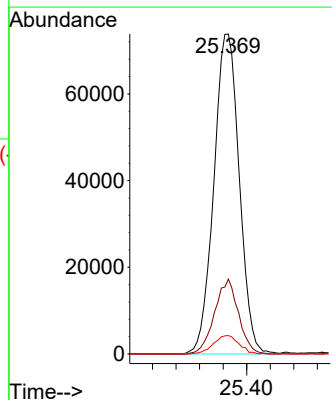
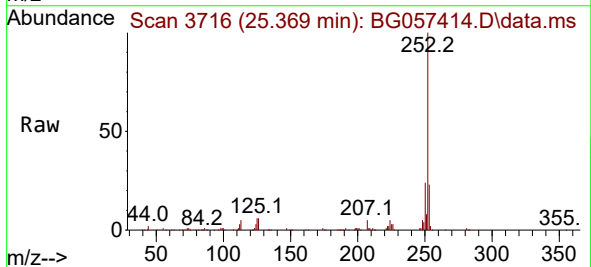
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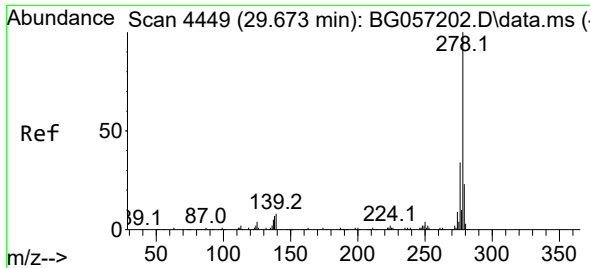
05/16/2023



#90
Benzo(a)pyrene
Concen: 27.812 ng
RT: 25.369 min Scan# 3716
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

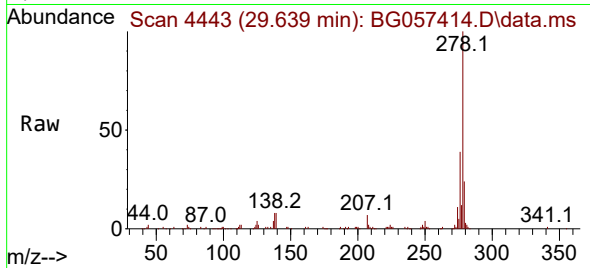
Tgt Ion:252 Resp: 220967
Ion Ratio Lower Upper
252 100
253 23.4 16.3 24.5
125 5.8 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 30.433 ng
RT: 29.639 min Scan# 4443
Delta R.T. -0.013 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



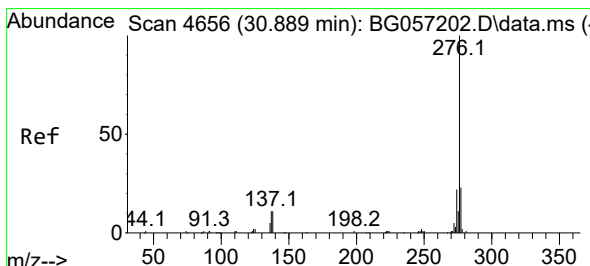
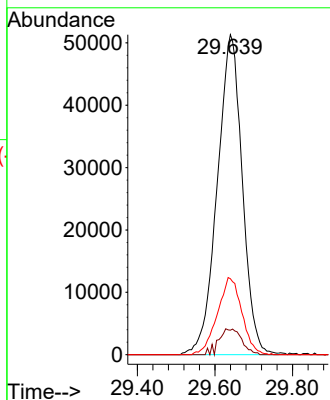
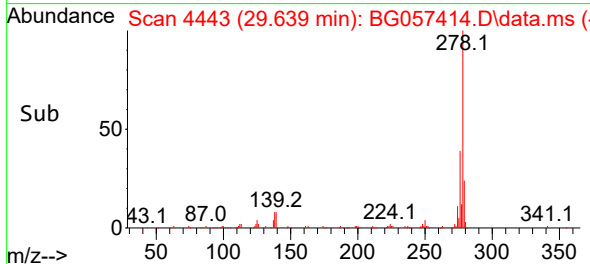
Tgt Ion:278 Resp: 229790
Ion Ratio Lower Upper
278 100
139 7.6 6.2 9.2
279 23.8 18.6 27.8

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Supervised By :Yogesh Patel 05/16/2023

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Supervised By :Yogesh
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05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 29.817 ng
RT: 30.861 min Scan# 4651
Delta R.T. -0.013 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

Tgt Ion:276 Resp: 219837
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 11.8 9.0 13.4

