

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 12 22:11:58 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

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						
						Qvalue
2) 1,4-Dioxane	3.675	88	7826	21.266	ng	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	9555	19.244	ng	94
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

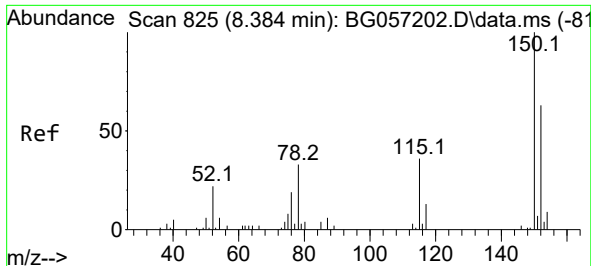
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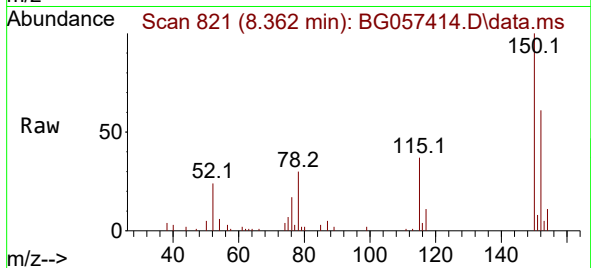
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.508	196	34489	26.608	ng	99
46) 1,1'-Biphenyl	13.814	154	104120	27.541	ng	99
47) 2-Chloronaphthalene	13.867	162	79912	28.425	ng	98
48) 2-Nitroaniline	14.066	65	28044	29.337	ng	96
49) Acenaphthylene	14.707	152	129255	28.300	ng	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

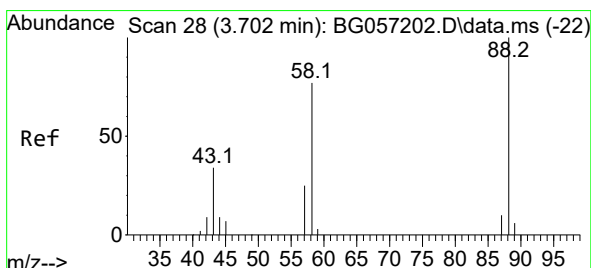
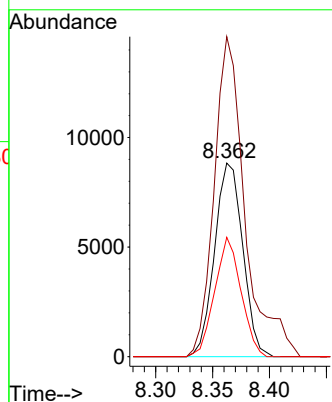
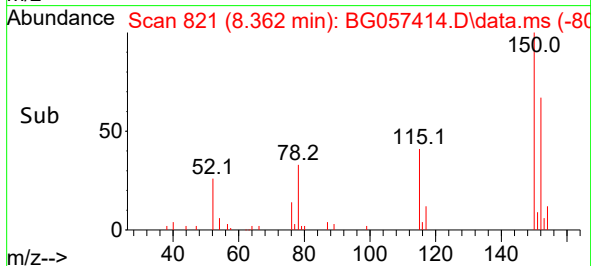


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.362 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

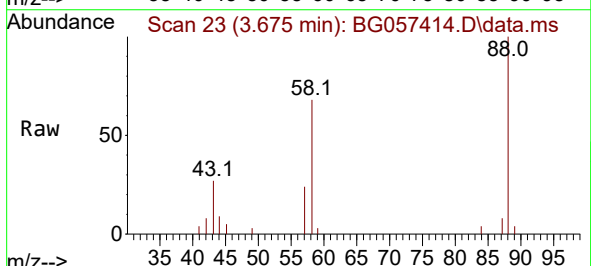
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ClientSampleId :
FSND-IDW-AQ-05042023MSD



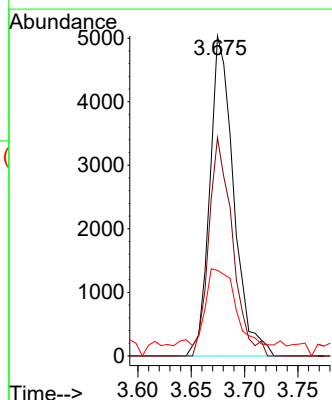
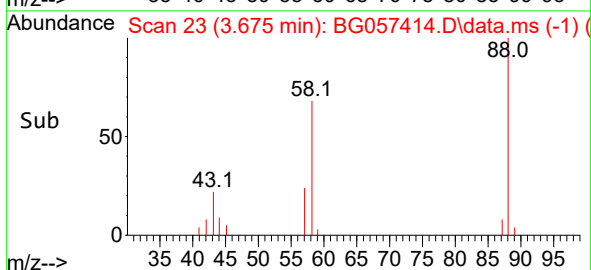
Tgt Ion:152 Resp: 15225
Ion Ratio Lower Upper
152 100
150 165.2 126.2 189.4
115 61.6 45.0 67.4



#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

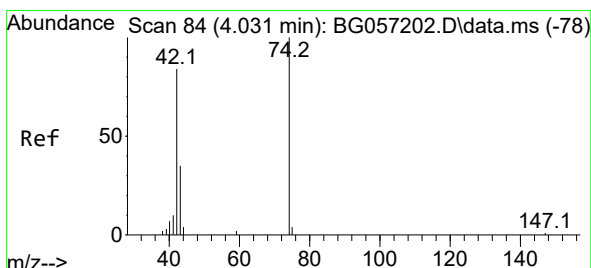
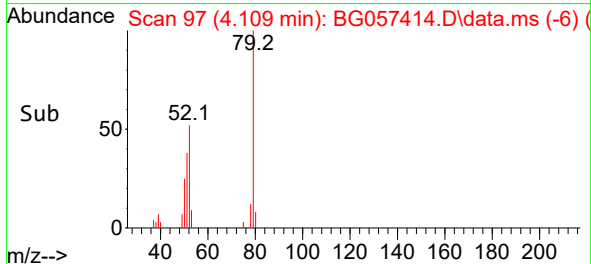
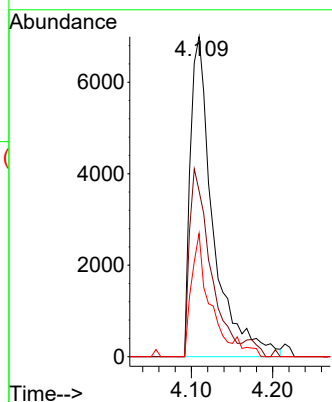
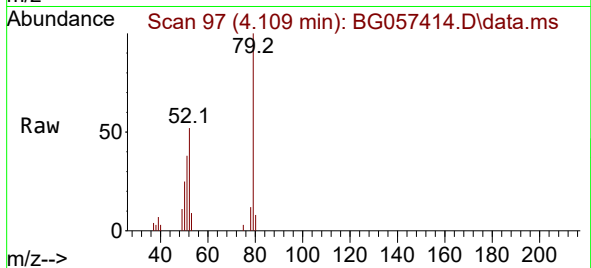




#3
Pyridine
Concen: 11.516 ng
RT: 4.109 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

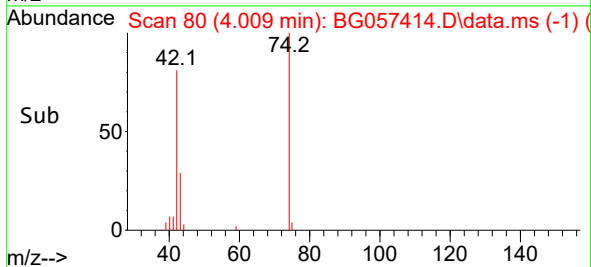
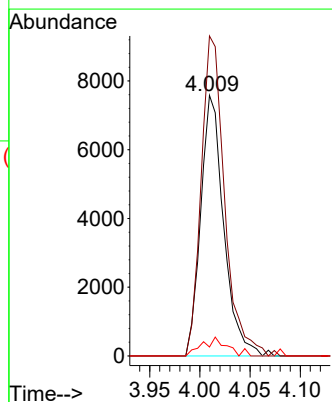
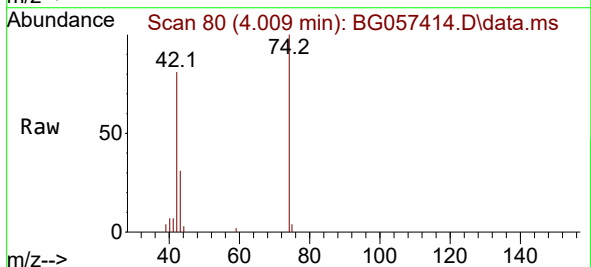
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

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



#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#

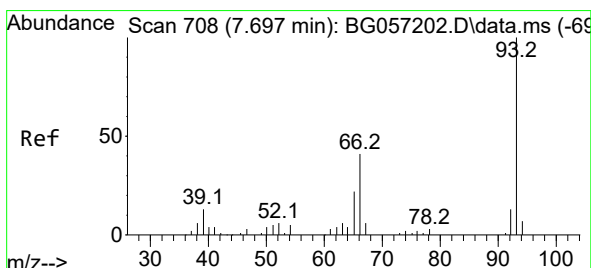
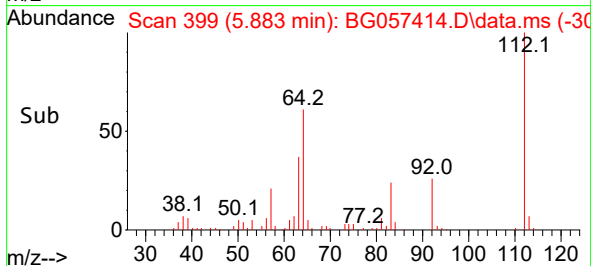
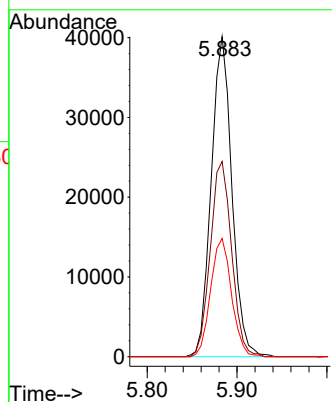
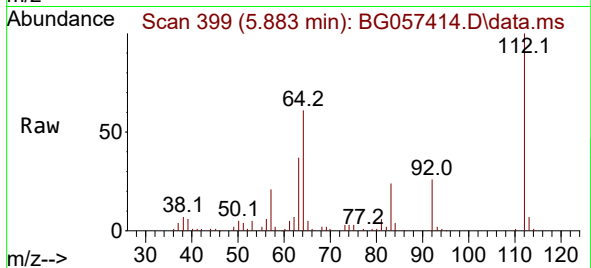




#5
2-Fluorophenol
Concen: 71.937 ng
RT: 5.883 min Scan# 399
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

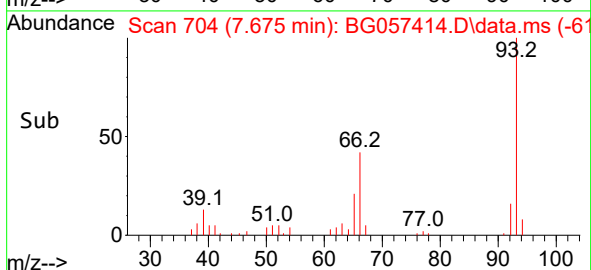
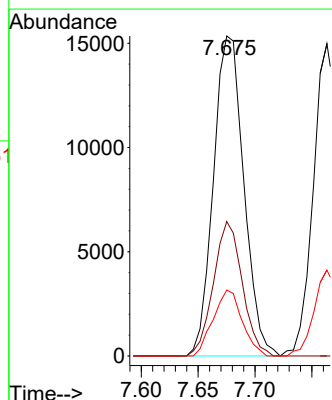
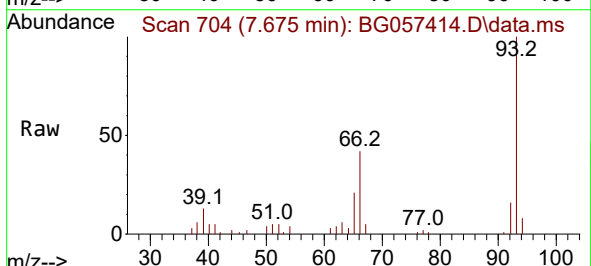
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ClientSampleId :
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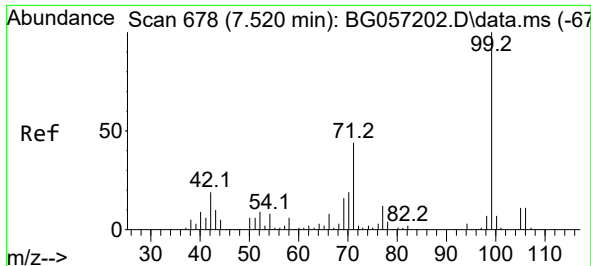
Tgt Ion:112 Resp: 64026
Ion Ratio Lower Upper
112 100
64 61.0 49.4 74.2
63 36.9 31.6 47.4



#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

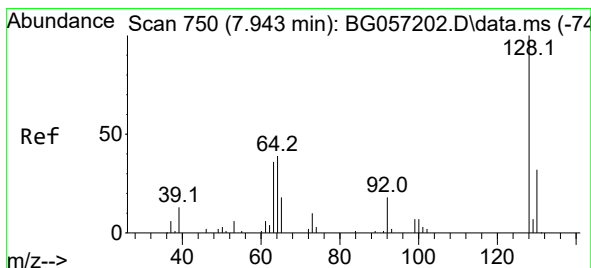
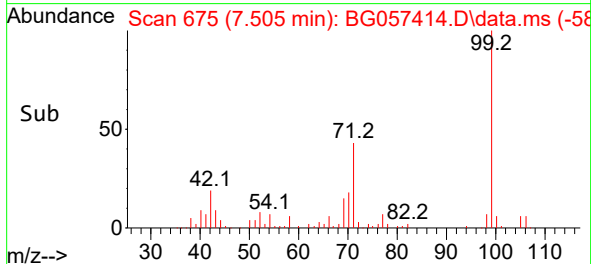
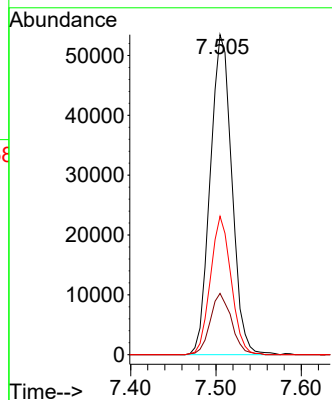
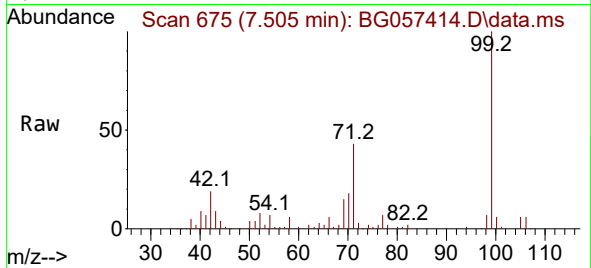




#7
Phenol-d6
Concen: 69.705 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

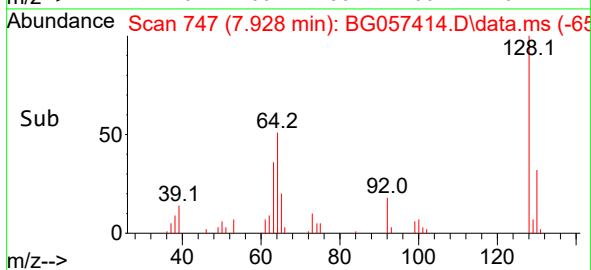
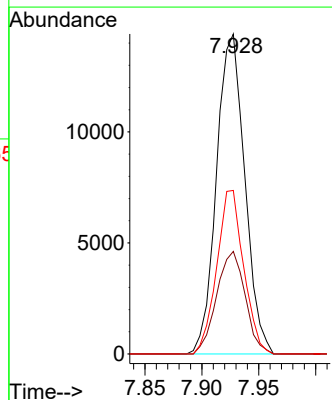
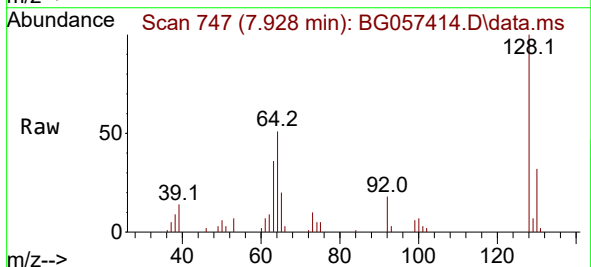
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ClientSampleId :
FSND-IDW-AQ-05042023MSD

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



#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

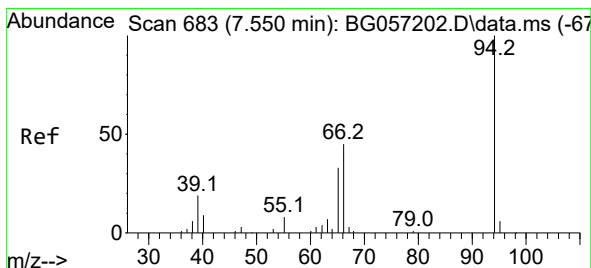
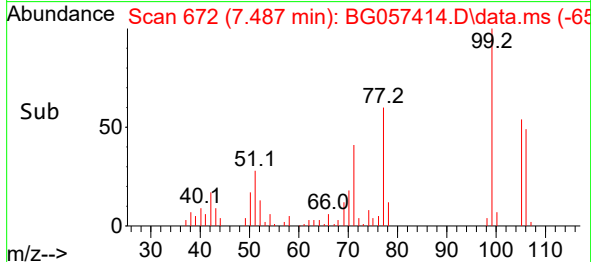
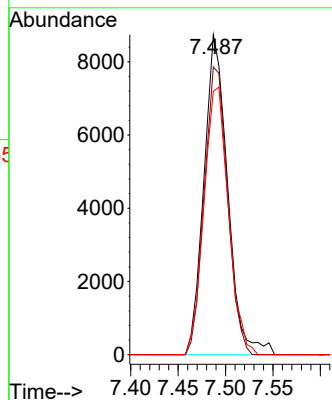
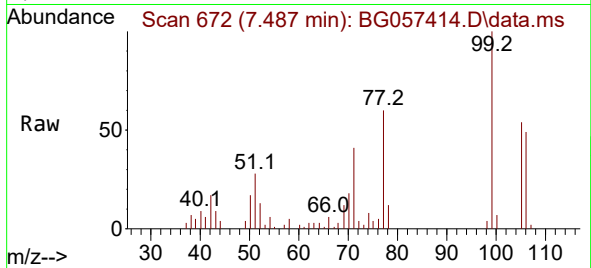




#9
Benzaldehyde
Concen: 17.255 ng
RT: 7.487 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

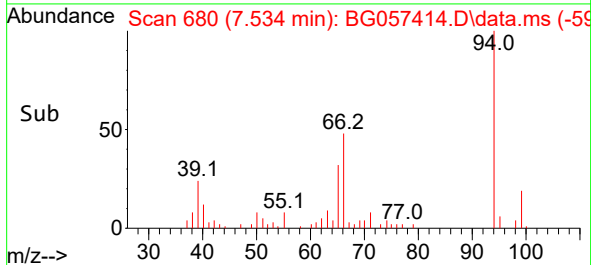
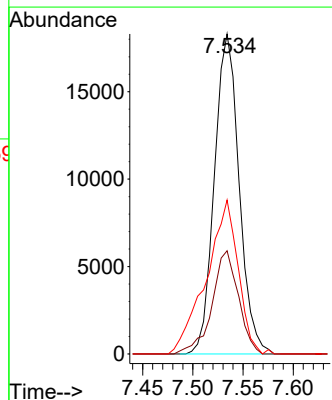
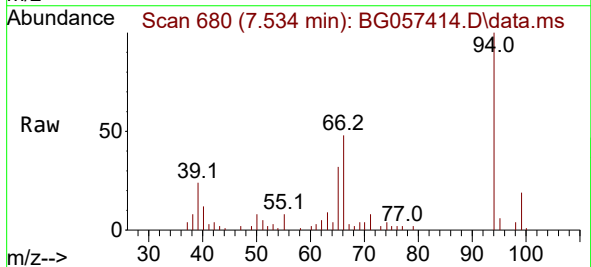
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ClientSampleId :
FSND-IDW-AQ-05042023MSD

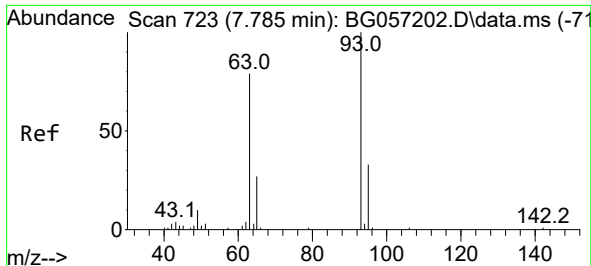
Tgt Ion: 77 Resp: 15213
Ion Ratio Lower Upper
77 100
105 89.9 74.6 114.6
106 82.3 66.3 106.3



#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

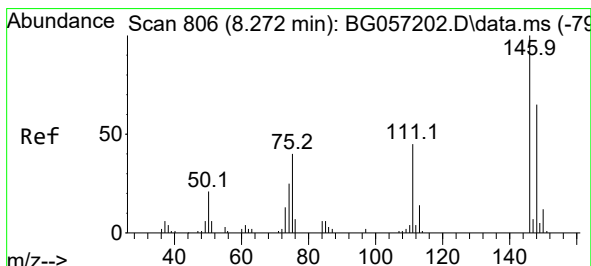
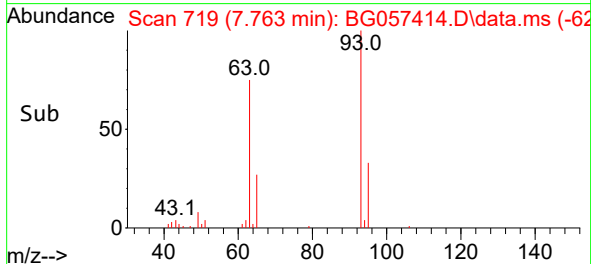
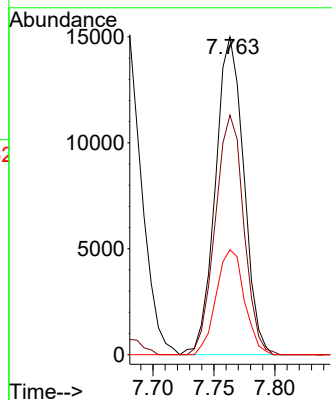
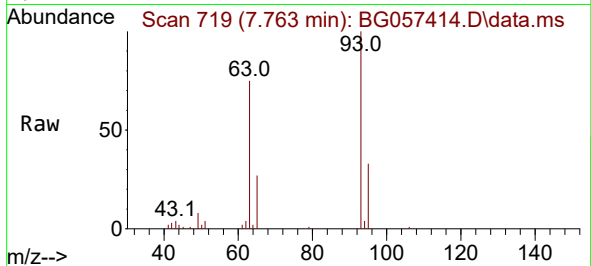




#11
bis(2-Chloroethyl)ether
Concen: 24.377 ng
RT: 7.763 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

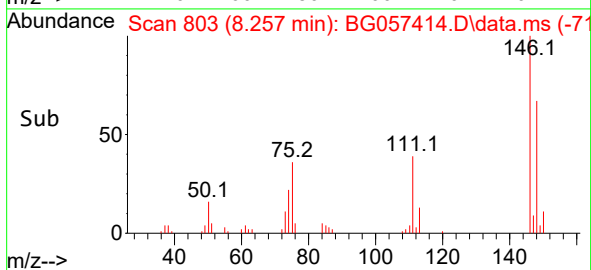
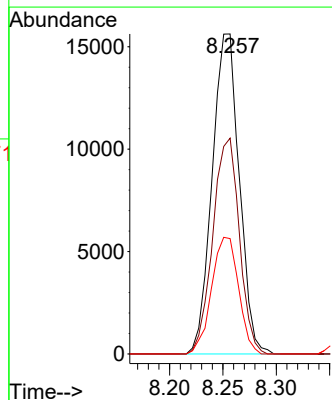
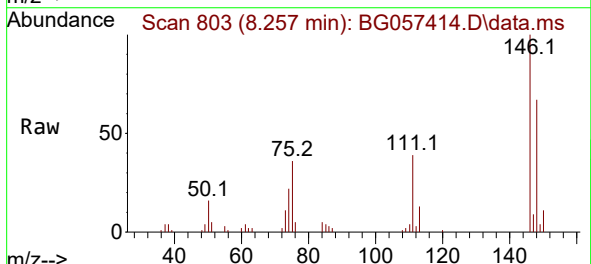
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

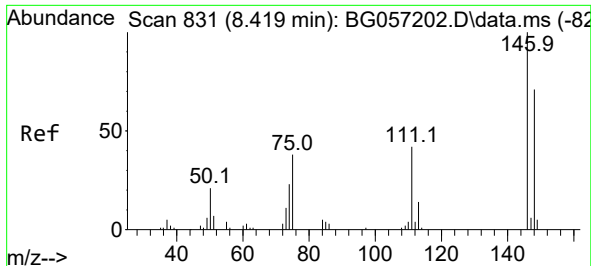
Tgt Ion: 93	Resp: 24218
Ion Ratio	Lower Upper
93 100	
63 75.4	58.6 98.6
95 33.1	12.2 52.2



#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

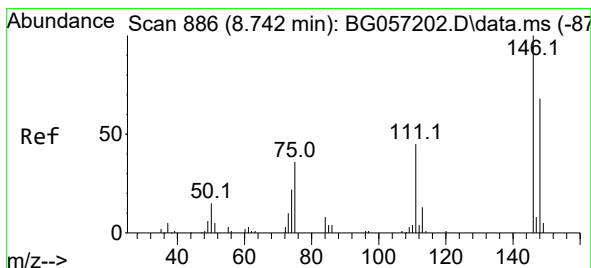
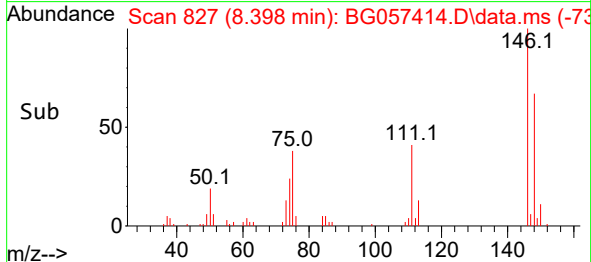
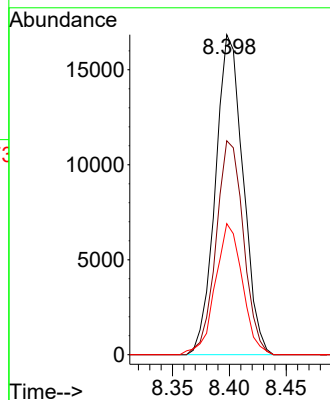
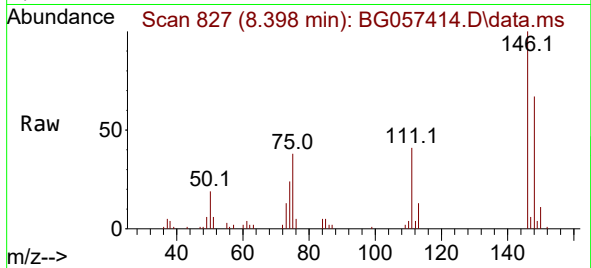
Tgt Ion:146 Resp: 28533

Ion Ratio Lower Upper

146 100

148 66.9 56.4 84.6

111 41.0 33.8 50.6



#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

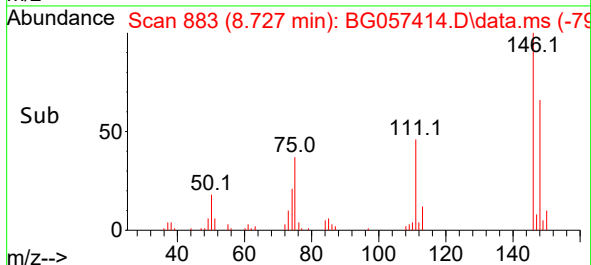
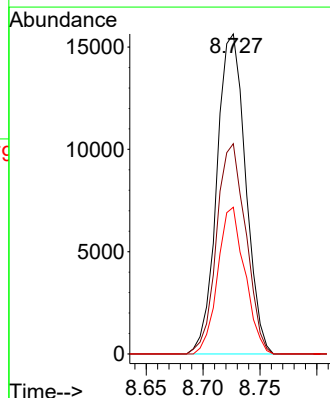
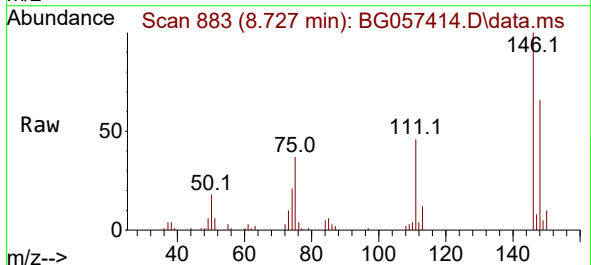
Tgt Ion:146 Resp: 27464

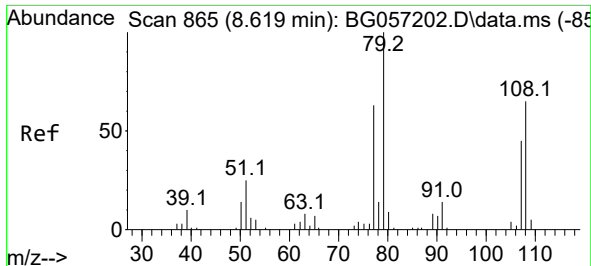
Ion Ratio Lower Upper

146 100

148 65.7 54.6 82.0

111 45.8 37.2 55.8

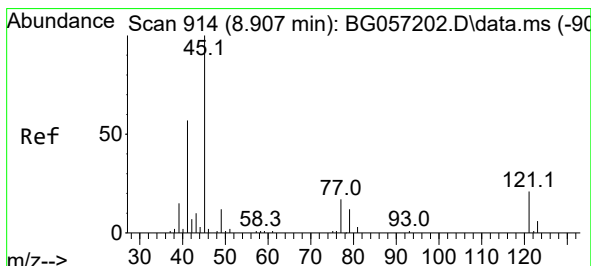
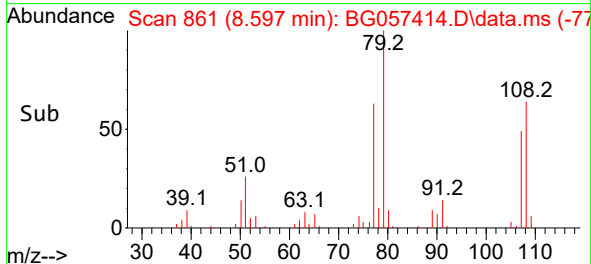
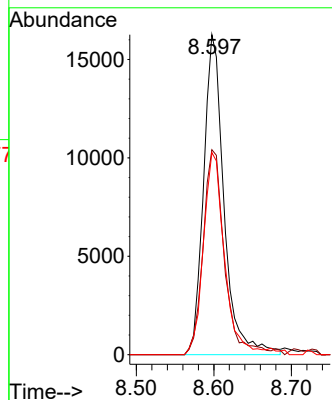
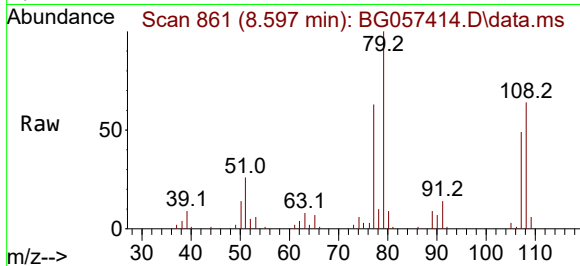




#15
Benzyl Alcohol
Concen: 26.476 ng
RT: 8.597 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

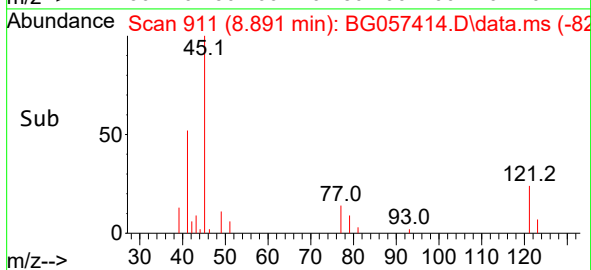
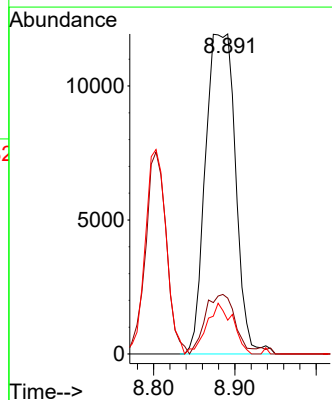
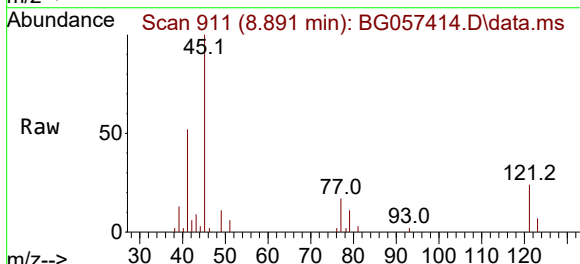
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

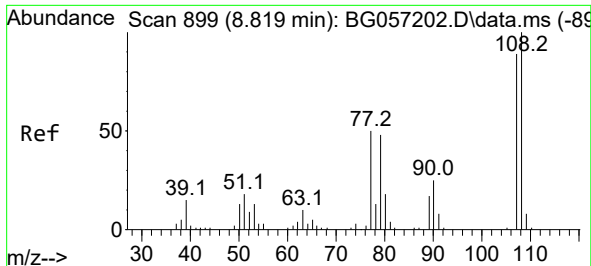
Tgt Ion:	79	Resp:	29810
Ion Ratio	Lower	Upper	
79	100		
108	64.0	52.2	78.2
77	63.2	50.1	75.1



#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

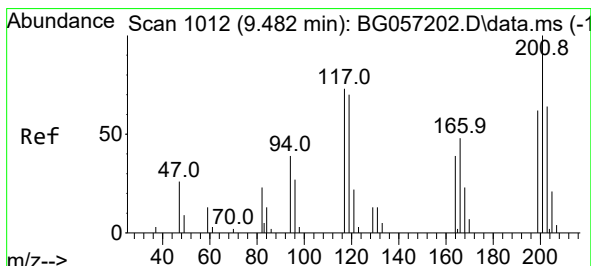
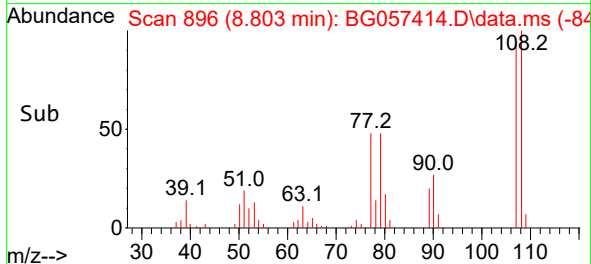
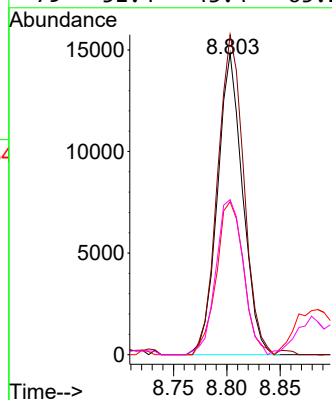
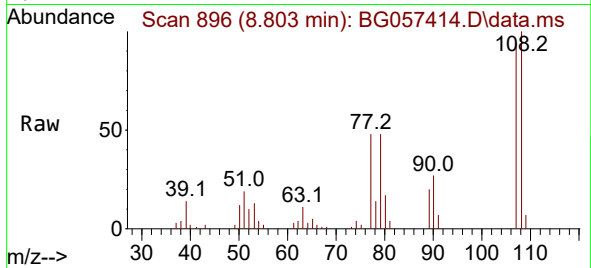




#17
2-Methylphenol
Concen: 25.661 ng
RT: 8.803 min Scan# 899
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

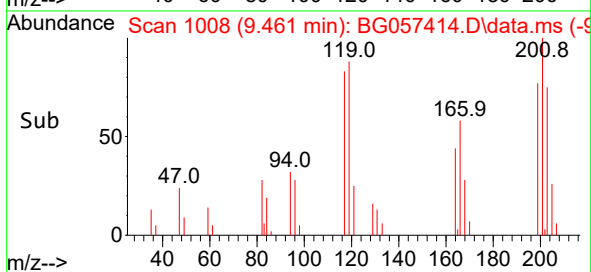
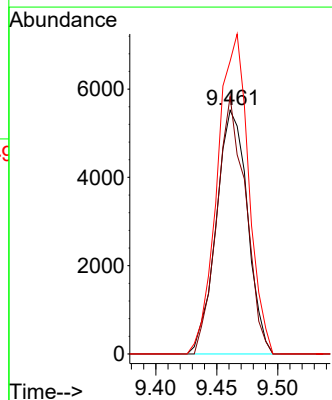
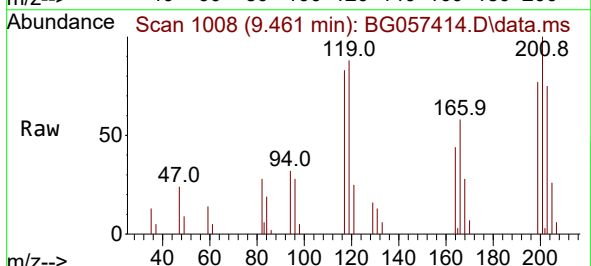
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

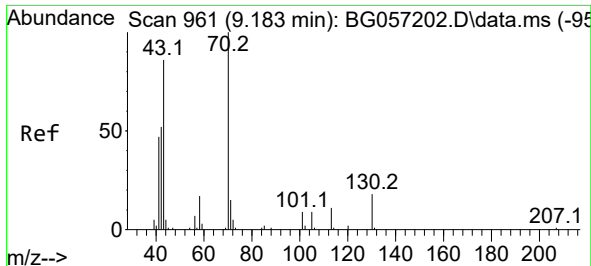
Tgt Ion:	107	Resp:	24371
Ion	Ratio	Lower	Upper
107	100		
108	106.2	89.5	134.3
77	50.8	45.1	67.7
79	51.4	43.4	65.2



#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

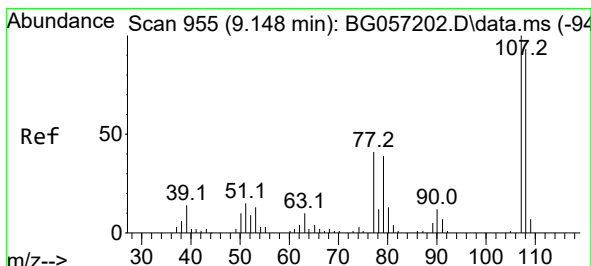
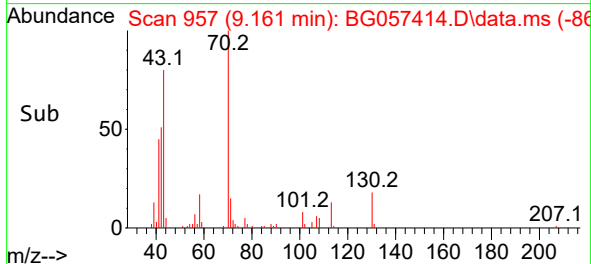
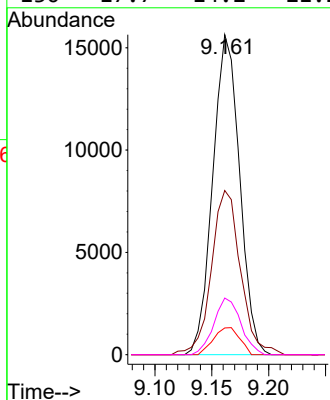
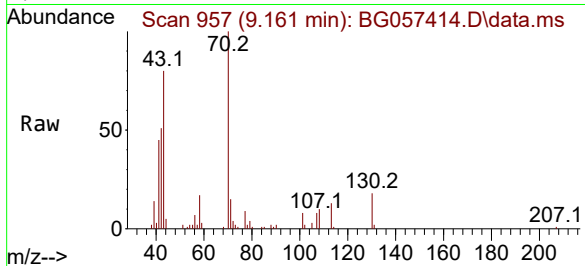




#19
n-Nitroso-di-n-propylamine
Concen: 24.937 ng
RT: 9.161 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

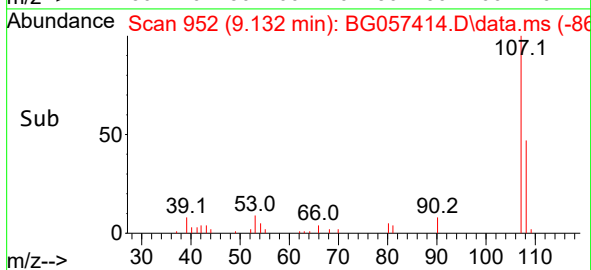
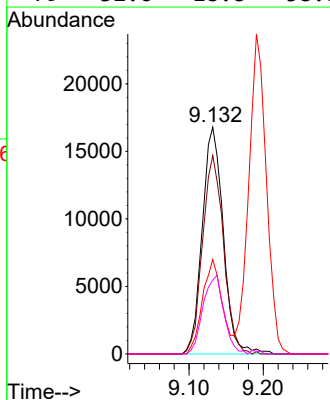
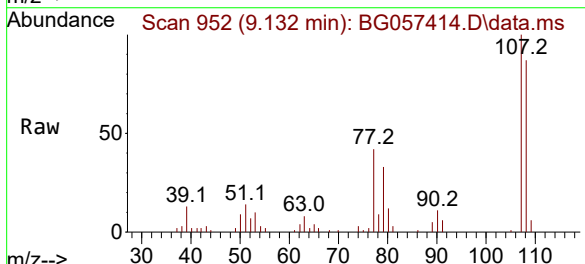
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

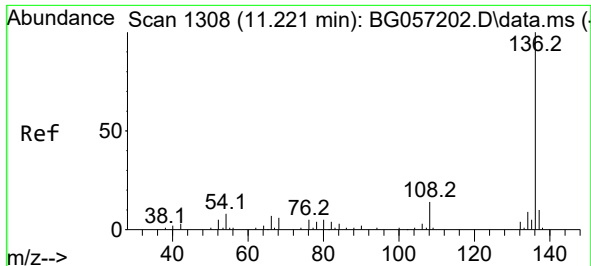
Tgt Ion:	70	Resp:	25700
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.8	62.8
101	8.4	6.8	10.2
130	17.7	14.2	21.2



#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

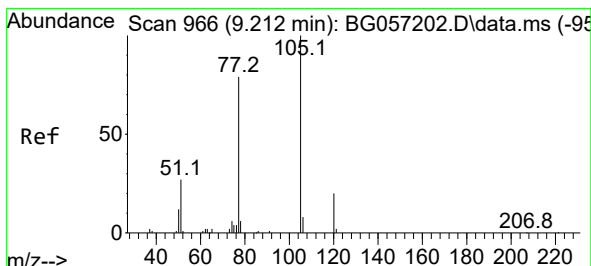
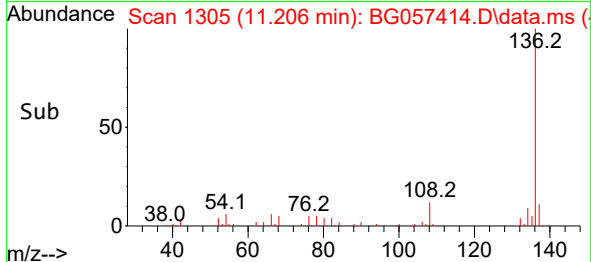
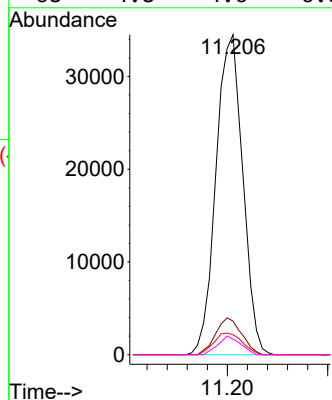
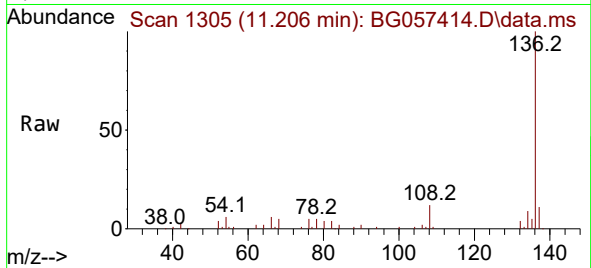




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.206 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

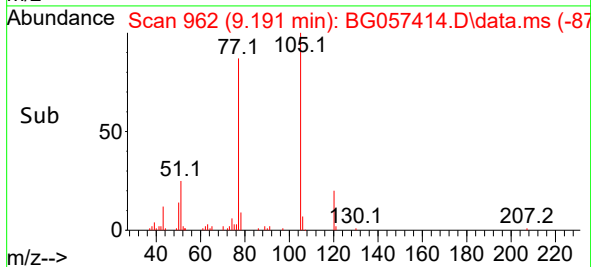
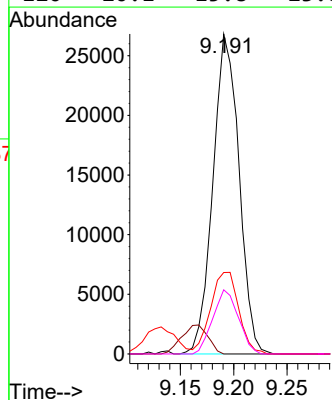
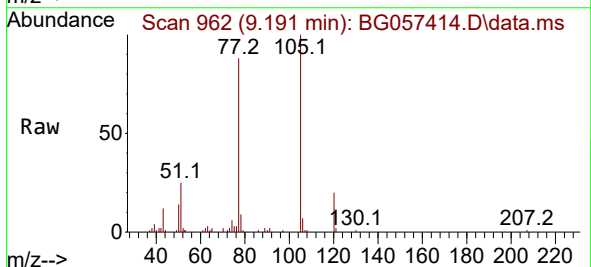
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

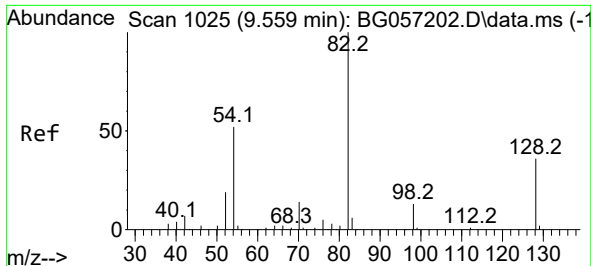
Tgt Ion:136 Resp: 63811
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 6.3 6.7 10.1#
68 4.8 4.6 6.8



#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

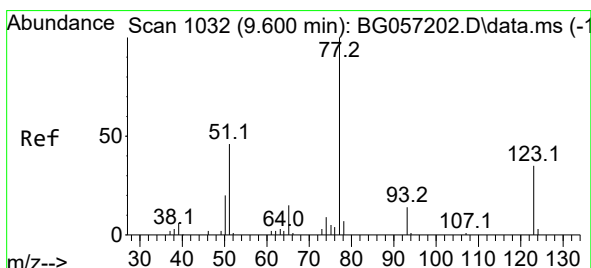
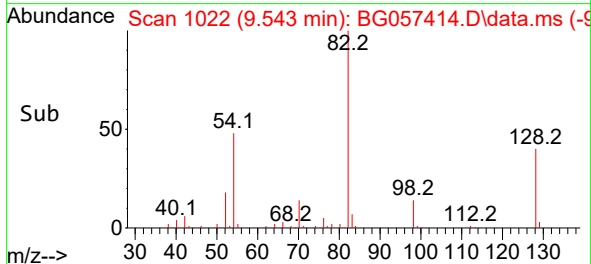
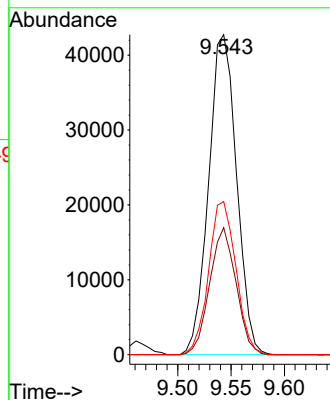
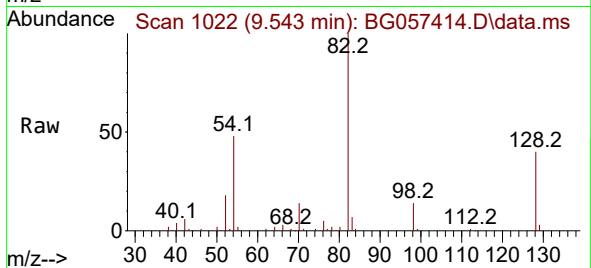
Tgt Ion: 82 Resp: 77863

Ion Ratio Lower Upper

82 100

128 39.7 29.0 43.4

54 47.9 41.4 62.0



#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

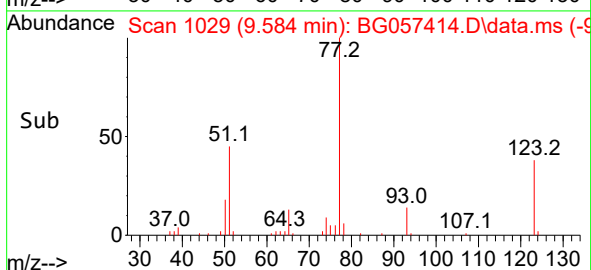
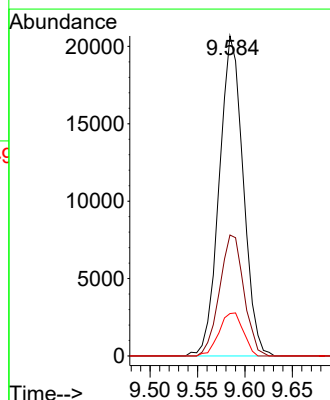
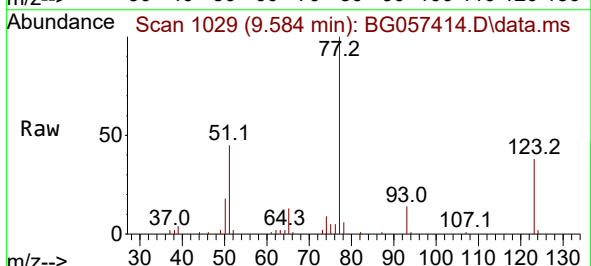
Tgt Ion: 77 Resp: 36297

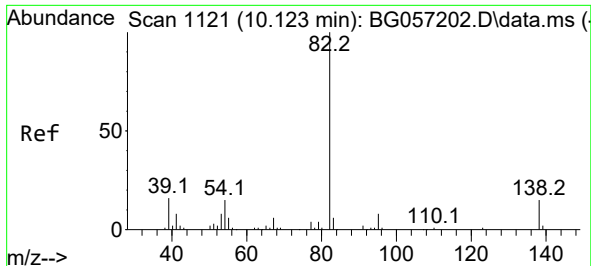
Ion Ratio Lower Upper

77 100

123 37.8 28.2 42.2

65 13.3 11.7 17.5

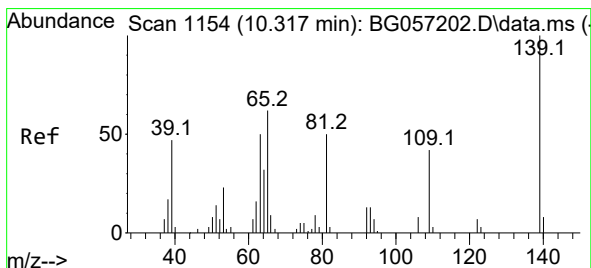
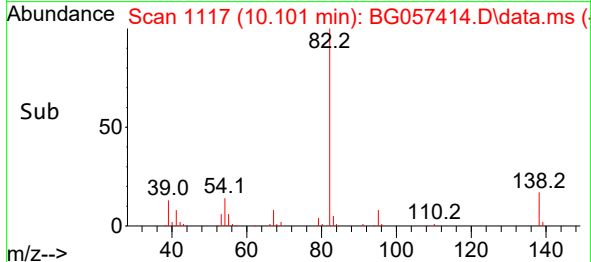
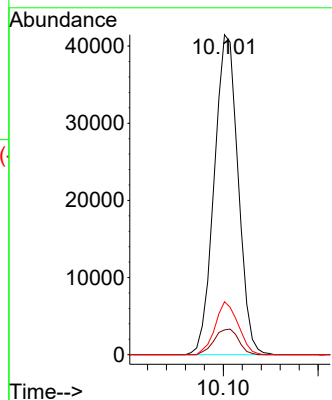
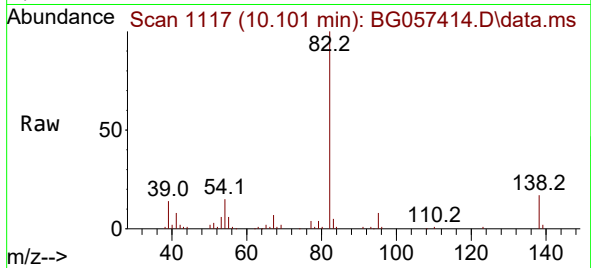




#25
Isophorone
Concen: 24.619 ng
RT: 10.101 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

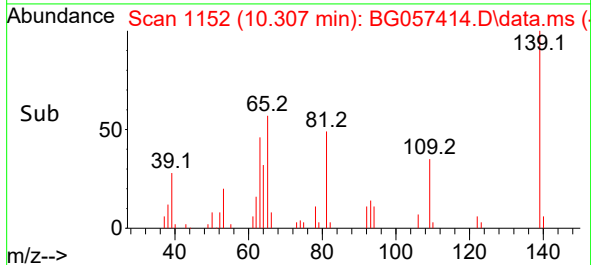
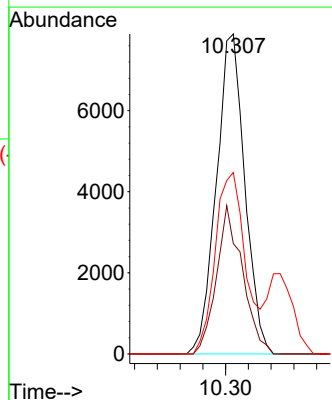
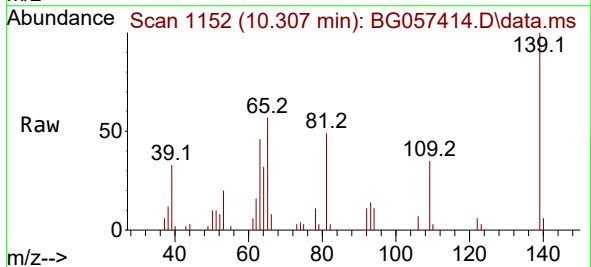
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

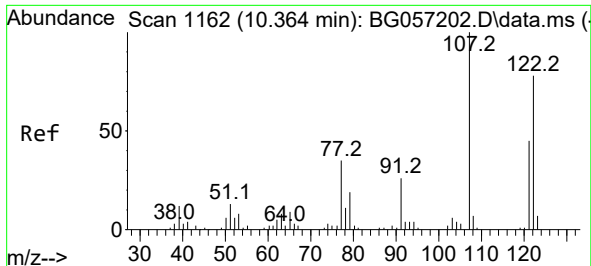
Tgt Ion: 82 Resp: 72580
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 16.6 12.3 18.5



#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

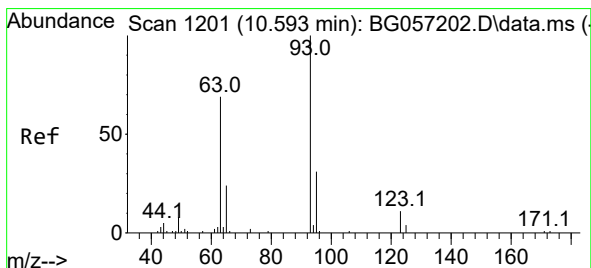
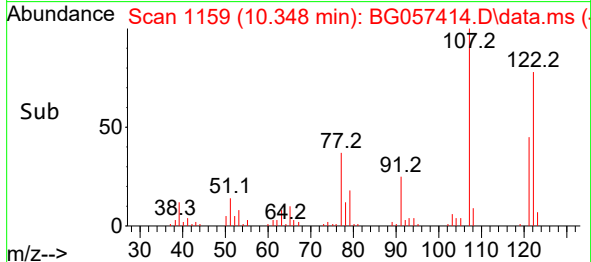
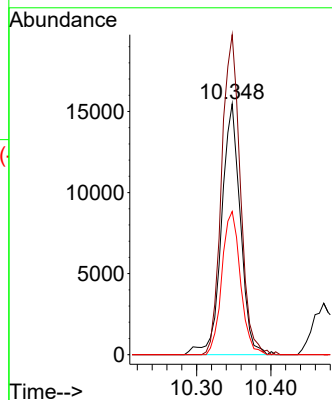
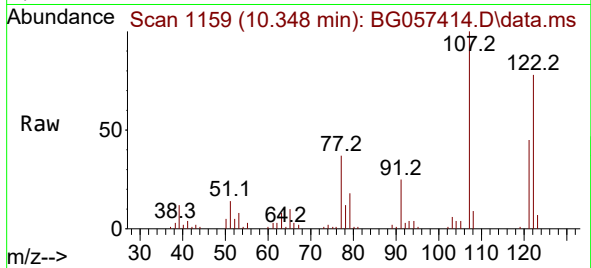




#27
2,4-Dimethylphenol
Concen: 26.489 ng
RT: 10.348 min Scan# 1162
Delta R.T. 0.005 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

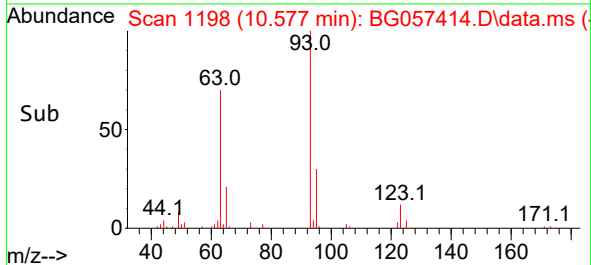
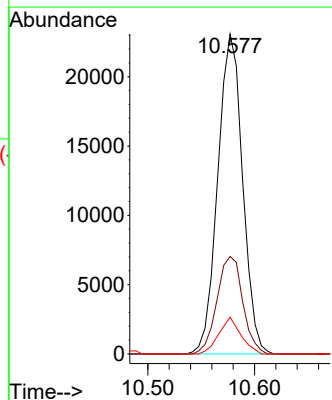
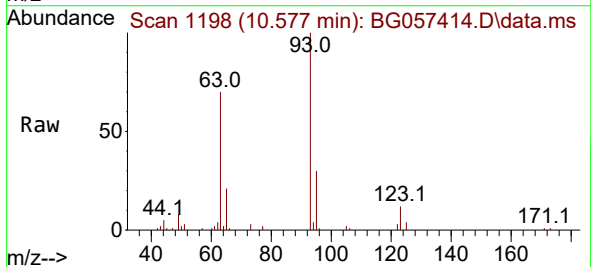
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

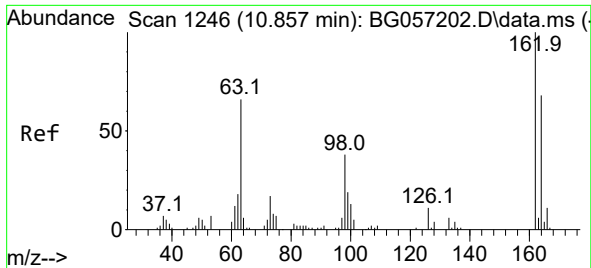
Tgt Ion:122 Resp: 27245
Ion Ratio Lower Upper
122 100
107 127.5 103.0 154.4
121 57.0 45.9 68.9



#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# 1

Delta R.T. 0.005 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD

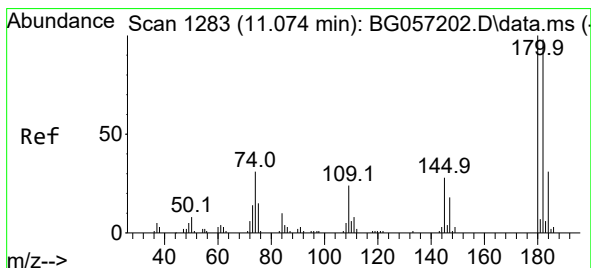
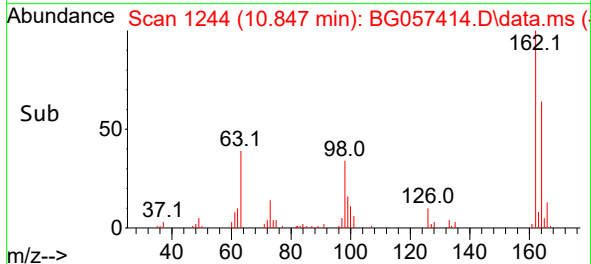
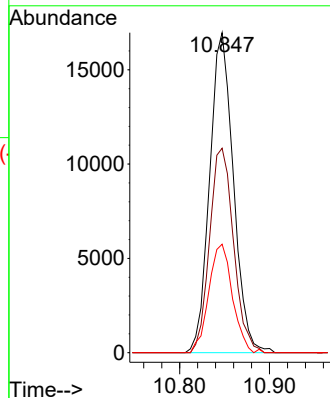
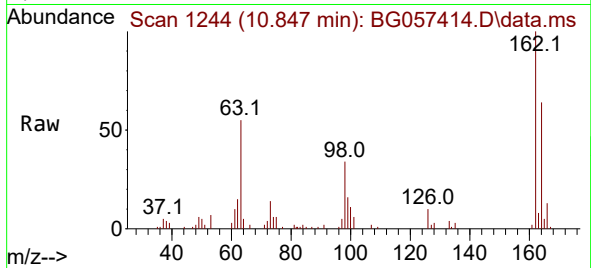
Tgt Ion:162 Resp: 31114

Ion Ratio Lower Upper

162 100

164 63.9 48.4 88.4

98 33.9 17.6 57.6



#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

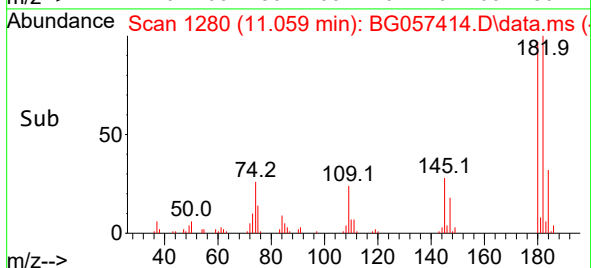
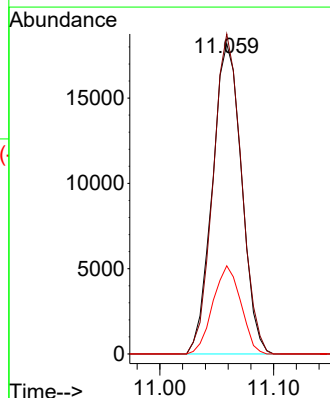
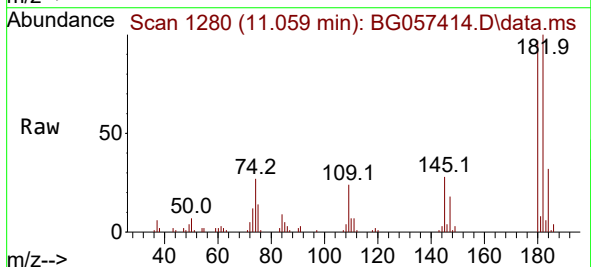
Tgt Ion:180 Resp: 32388

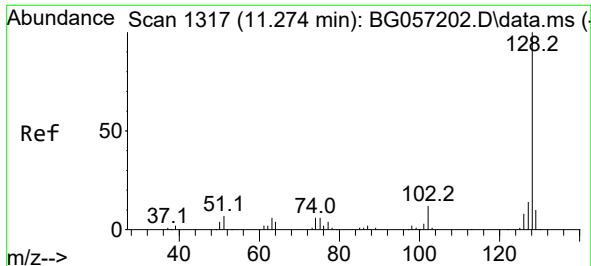
Ion Ratio Lower Upper

180 100

182 103.1 78.0 117.0

145 28.4 22.4 33.6

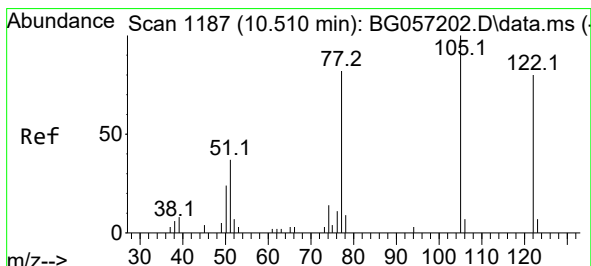
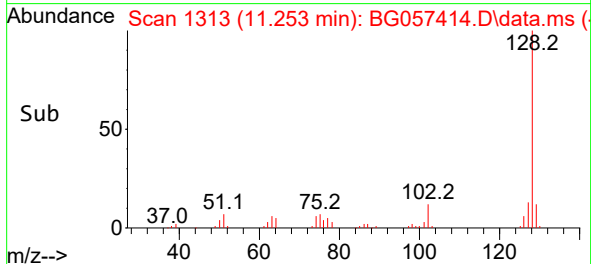
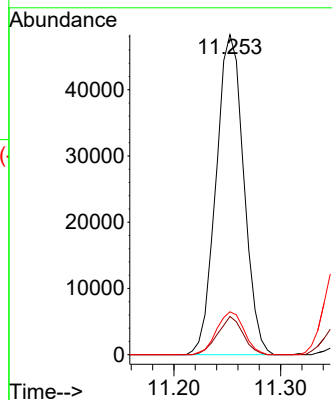
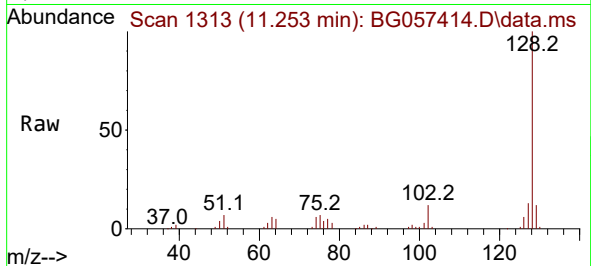




#31
Naphthalene
Concen: 25.471 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

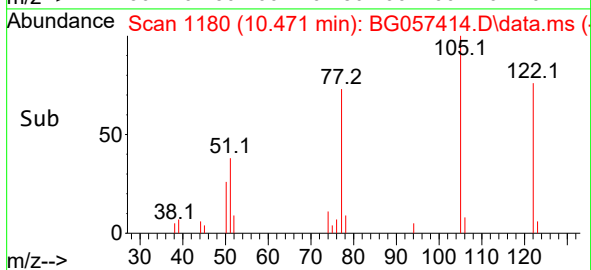
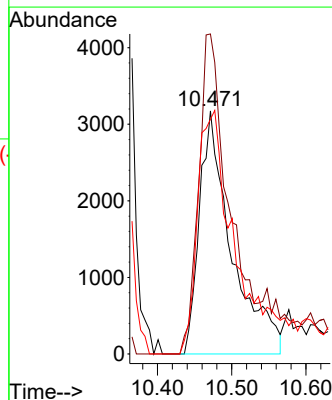
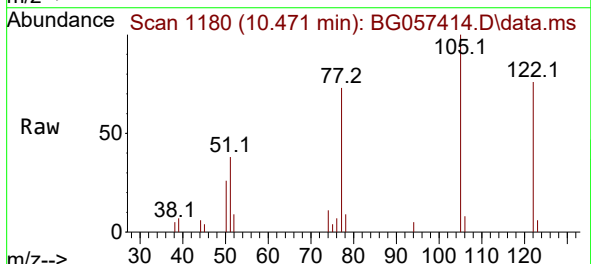
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

Tgt Ion:128 Resp: 86893
Ion Ratio Lower Upper
128 100
129 12.0 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 19.244 ng
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: 9555
Ion Ratio Lower Upper
122 100
105 131.7 105.2 145.2
77 96.6 83.1 123.1

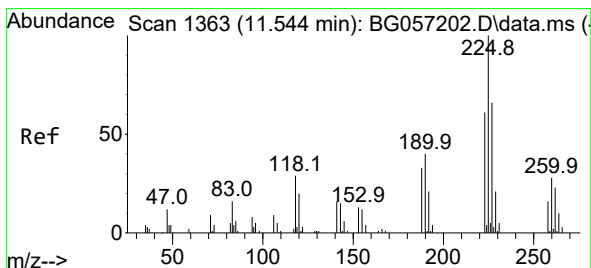
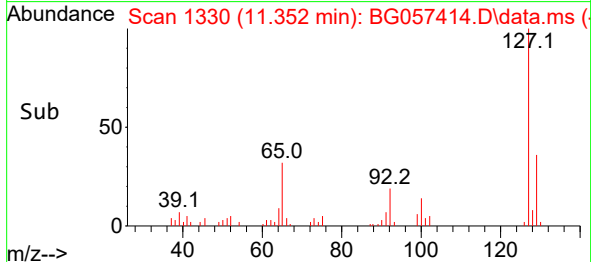
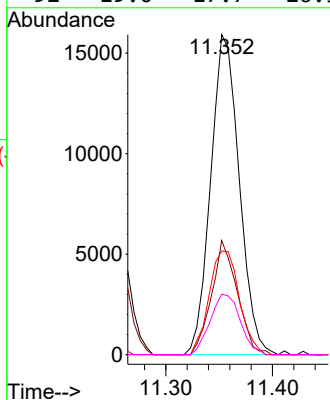
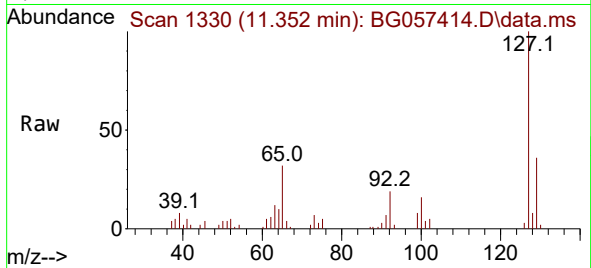




#33
4-Chloroaniline
Concen: 19.328 ng
RT: 11.352 min Scan# 11352
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

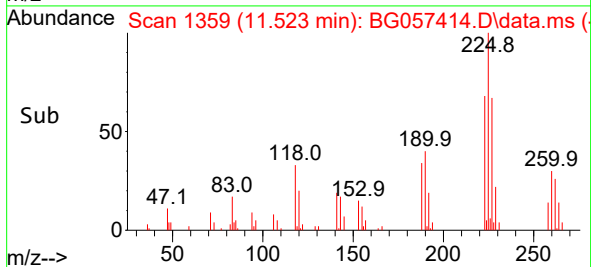
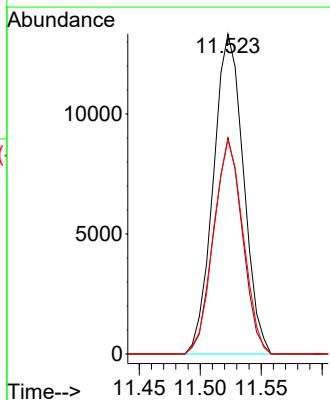
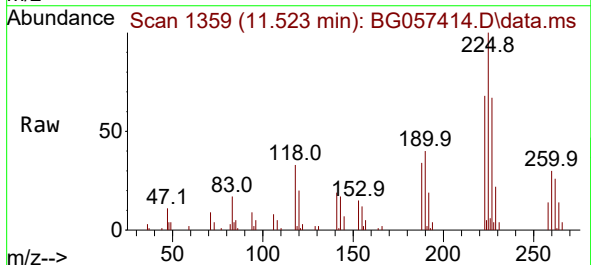
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

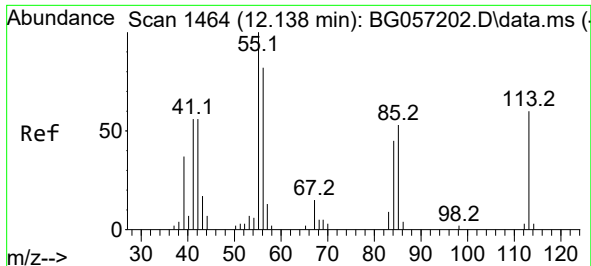
Tgt Ion:	127	Resp:	29611
Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.7	40.1
65	32.4	29.7	44.5
92	19.0	17.7	26.5



#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:	225	Resp:	22915
Ion	Ratio	Lower	Upper
225	100		
223	67.6	48.6	72.8
227	66.9	52.7	79.1

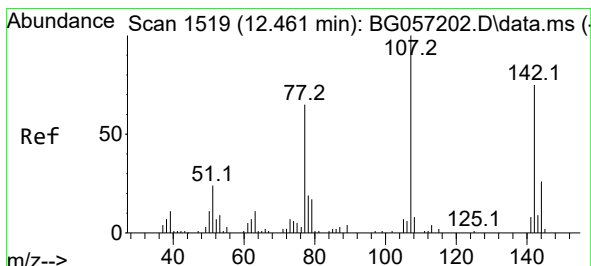
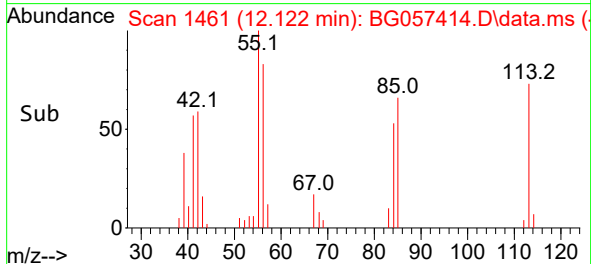
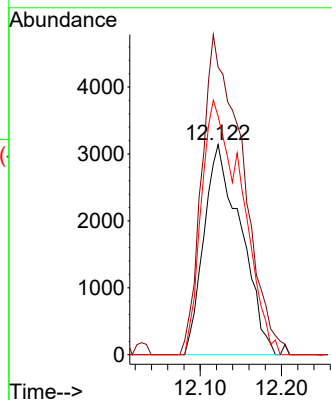
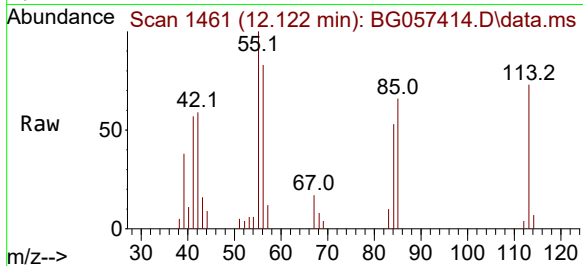




#35
Caprolactam
Concen: 26.678 ng
RT: 12.122 min Scan# 14
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

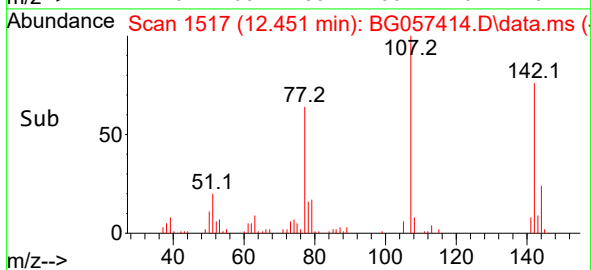
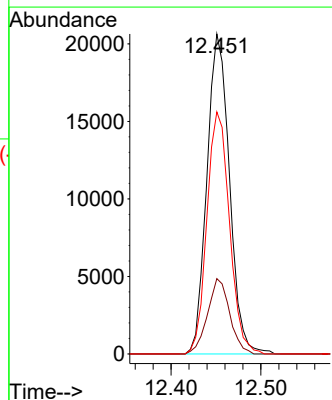
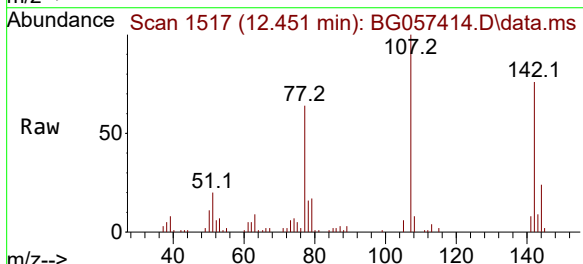
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

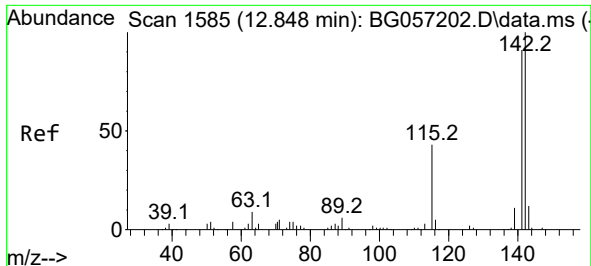
Tgt Ion:113 Resp: 9941
Ion Ratio Lower Upper
113 100
55 136.8 145.5 185.5#
56 113.5 115.9 155.9#



#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# 1

Delta R.T. -0.001 min

Lab File: BG057414.D

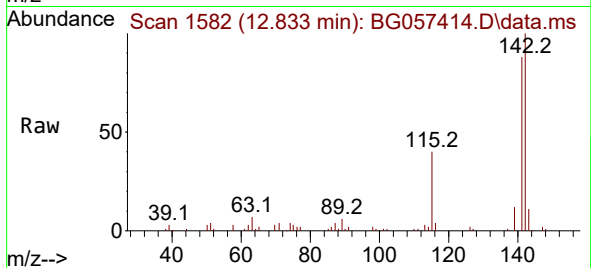
Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD



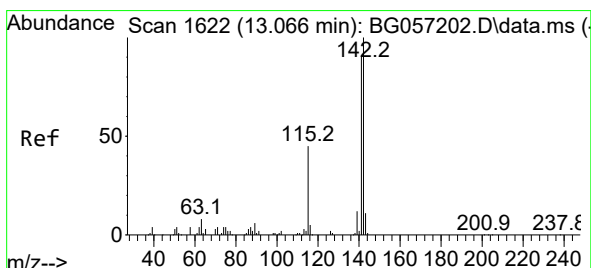
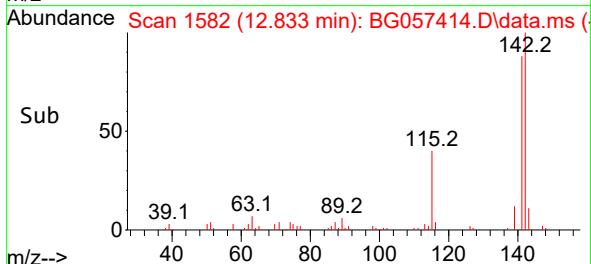
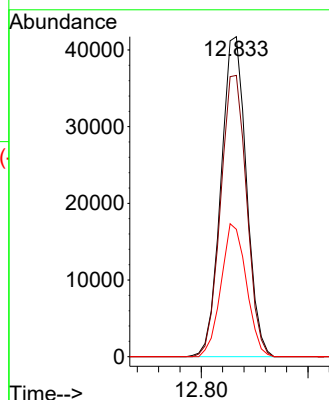
Tgt Ion:142 Resp: 69105

Ion Ratio Lower Upper

142 100

141 87.9 73.1 109.7

115 39.8 34.6 52.0



#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

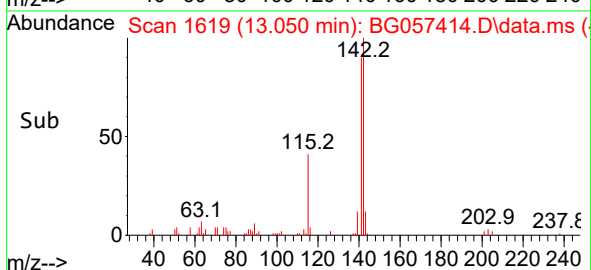
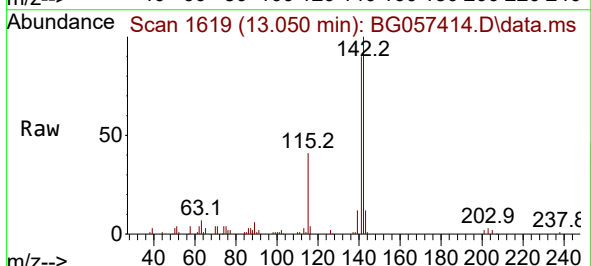
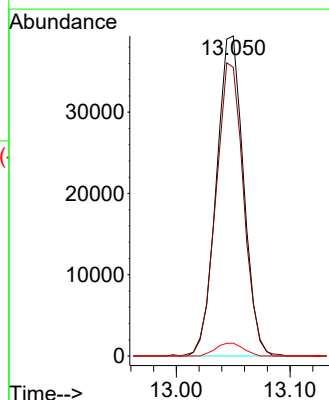
Tgt Ion:142 Resp: 65116

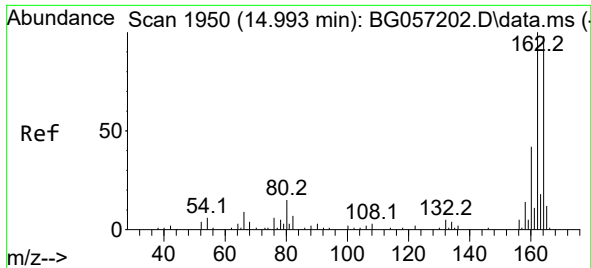
Ion Ratio Lower Upper

142 100

141 90.2 72.5 108.7

116 4.0 3.7 5.5

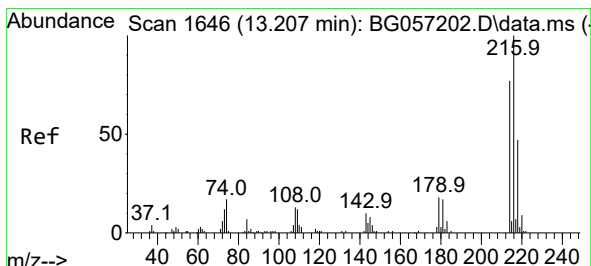
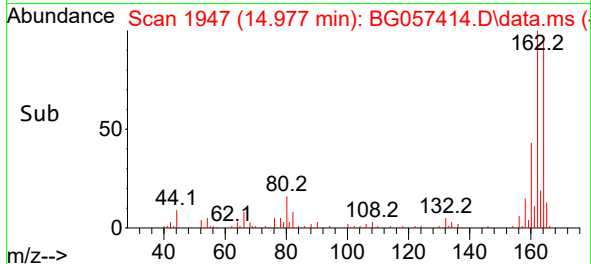
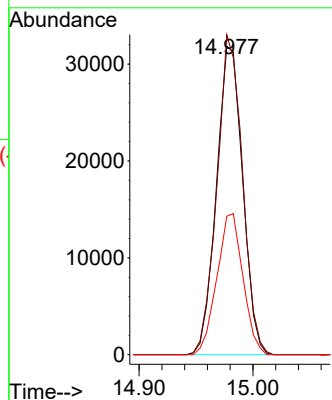
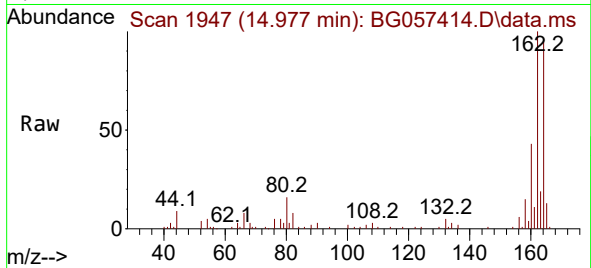




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

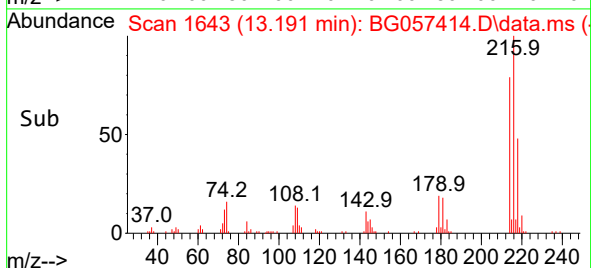
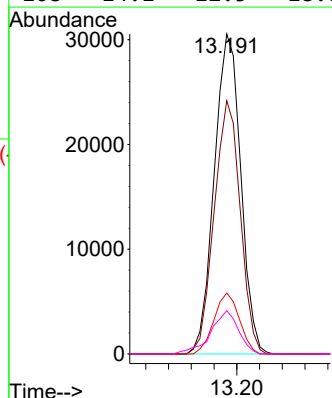
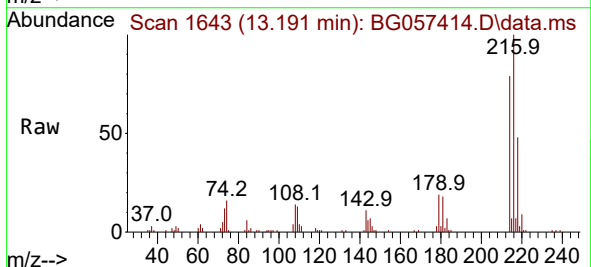
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

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



#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

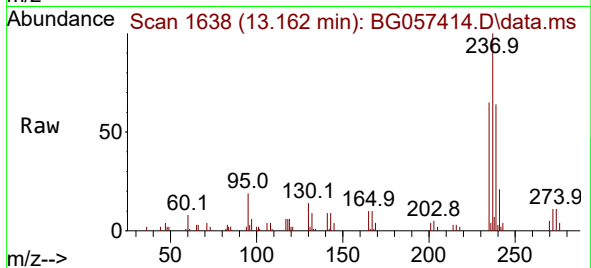
Tgt Ion:216 Resp: 49369
Ion Ratio Lower Upper
216 100
214 77.9 63.7 95.5
179 18.3 14.6 22.0
108 14.1 12.5 18.7



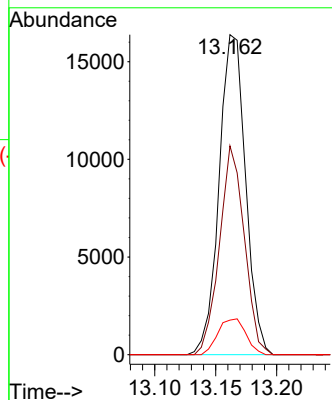
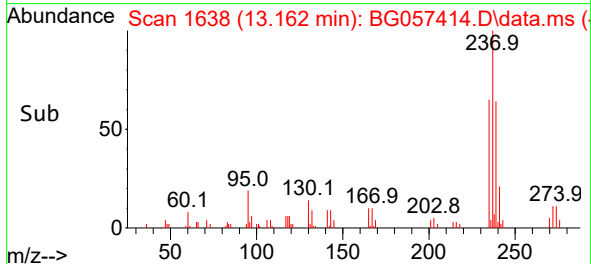


#41
Hexachlorocyclopentadiene
Concen: 32.536 ng
RT: 13.162 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

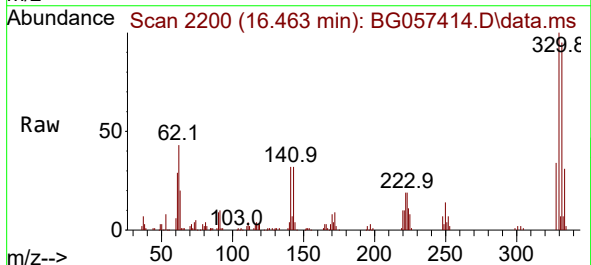
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD



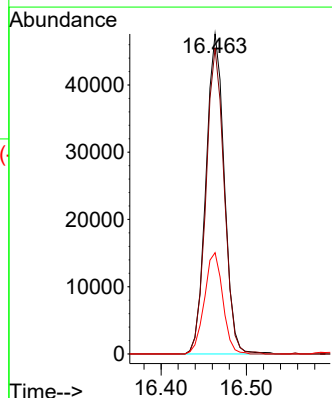
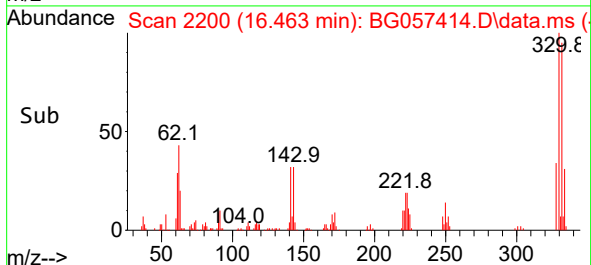
Tgt Ion:237 Resp: 24763
Ion Ratio Lower Upper
237 100
235 65.2 42.0 82.0
272 10.8 0.0 31.5

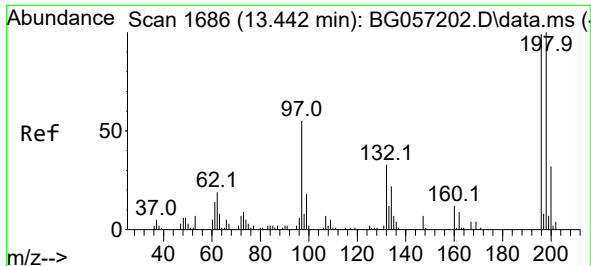


#42
2,4,6-Tribromophenol
Concen: 98.417 ng
RT: 16.463 min Scan# 2200
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15



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

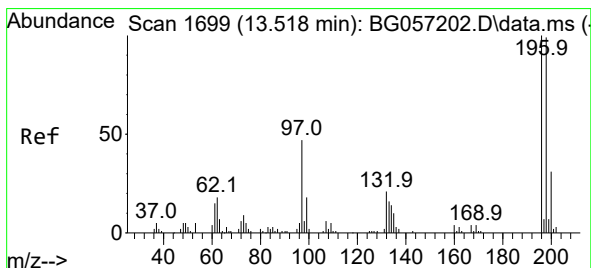
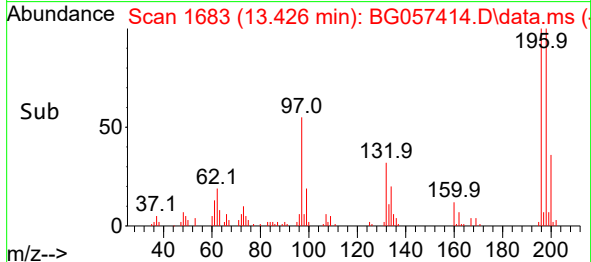
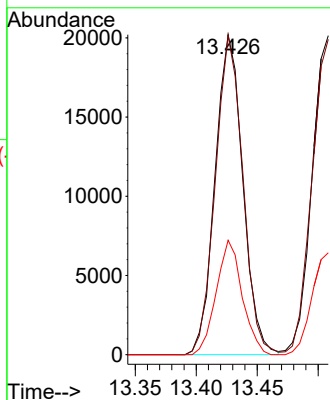
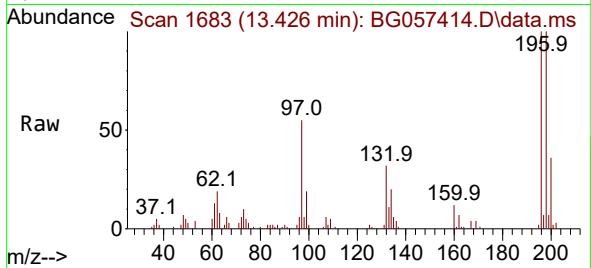




#43
2,4,6-Trichlorophenol
Concen: 29.005 ng
RT: 13.426 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

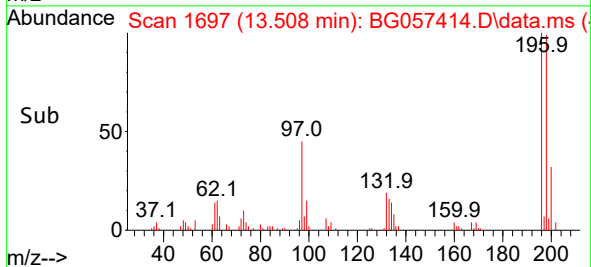
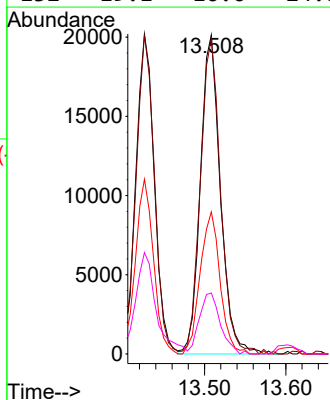
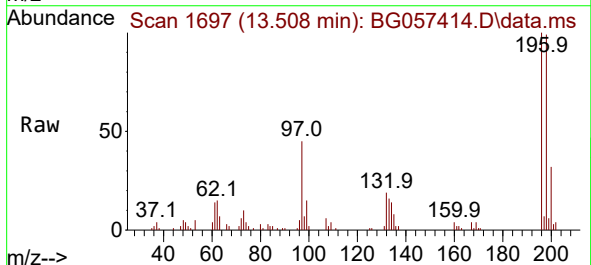
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

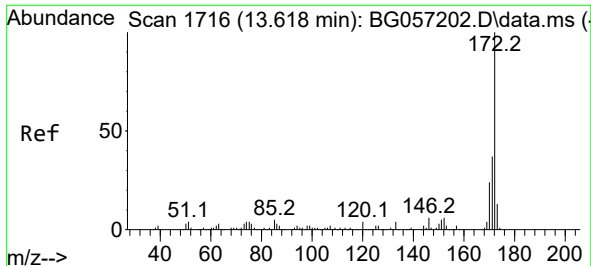
Tgt Ion:196 Resp: 31962
Ion Ratio Lower Upper
196 100
198 99.8 81.2 121.8
200 35.7 26.3 39.5



#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

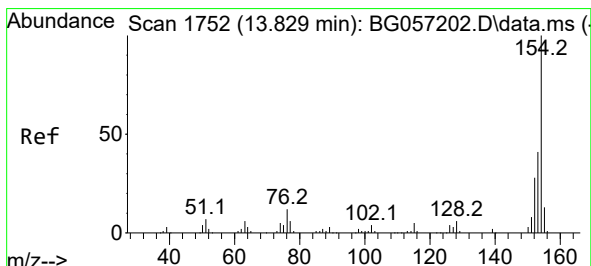
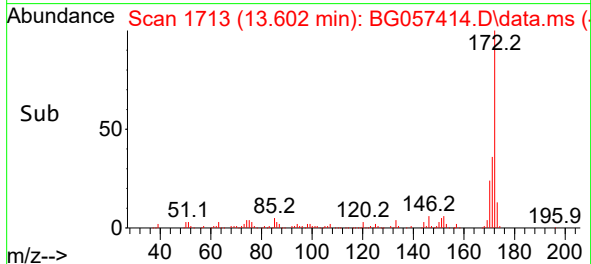
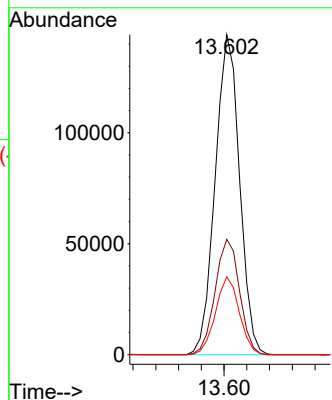
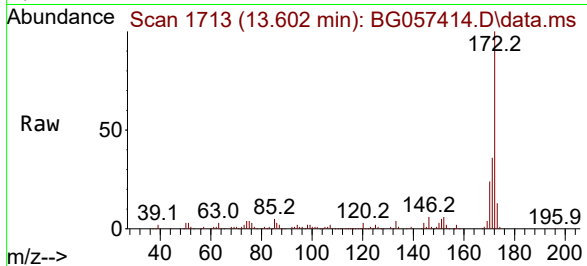




#45
2-Fluorobiphenyl
Concen: 56.617 ng
RT: 13.602 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

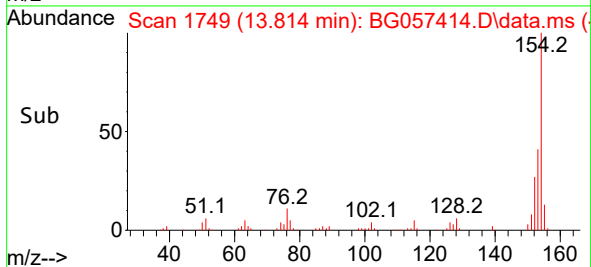
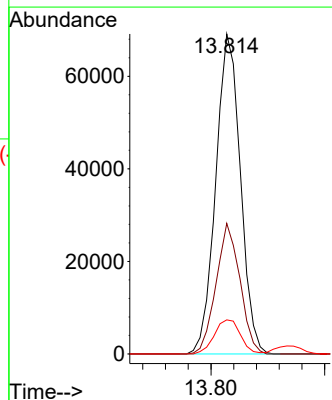
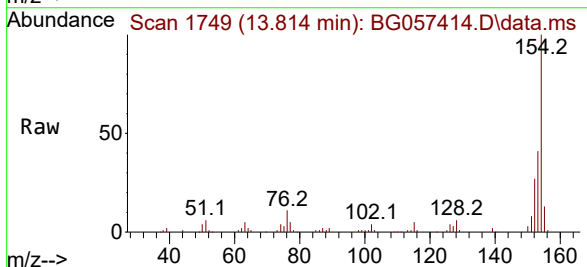
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

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



#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

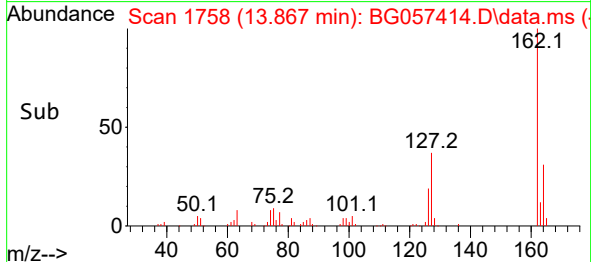
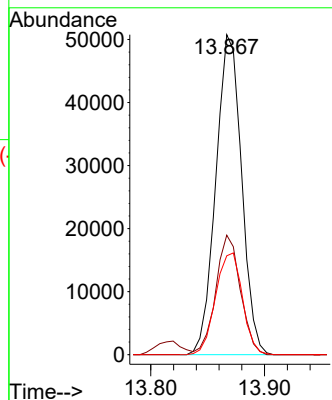
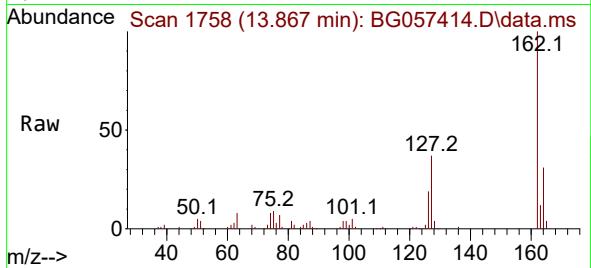




#47
2-Chloronaphthalene
Concen: 28.425 ng
RT: 13.867 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

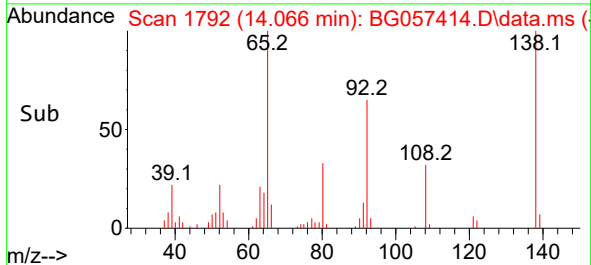
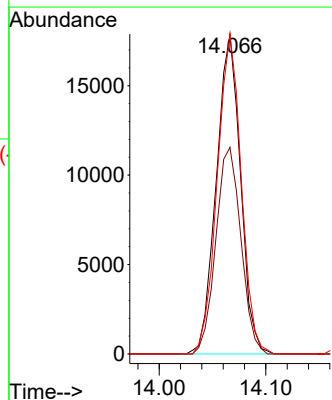
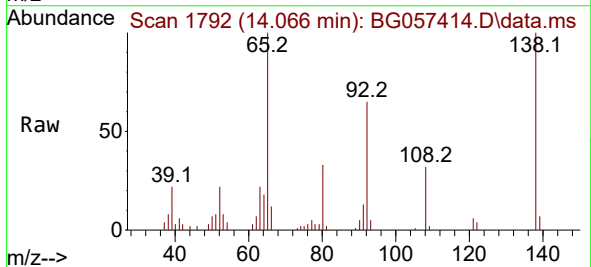
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

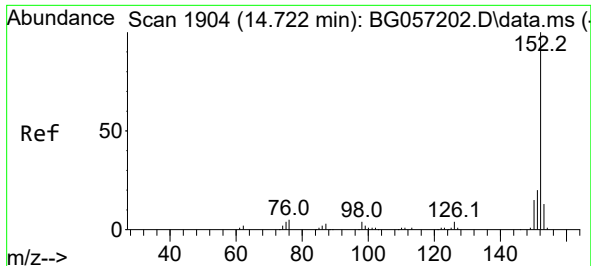
Tgt Ion:162 Resp: 79912
Ion Ratio Lower Upper
162 100
127 37.3 29.8 44.6
164 30.9 26.6 40.0



#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

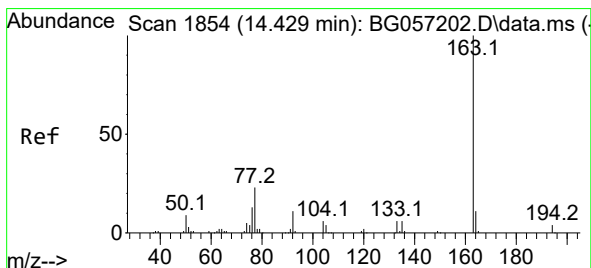
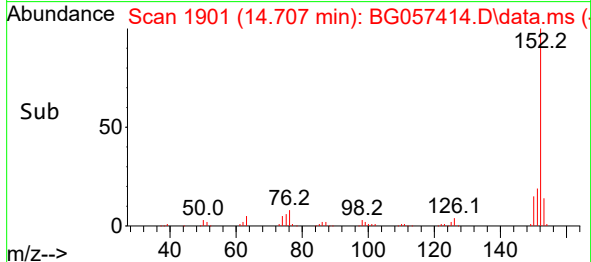
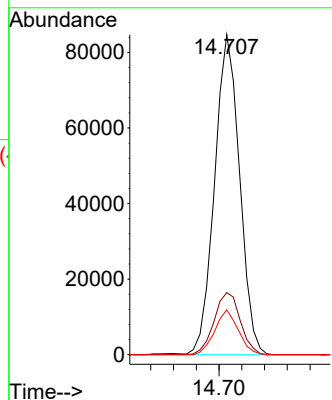
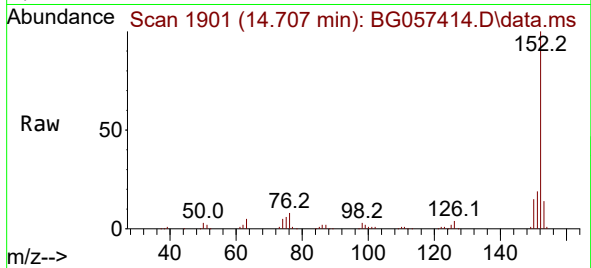




#49
Acenaphthylene
Concen: 28.300 ng
RT: 14.707 min Scan# 1904
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

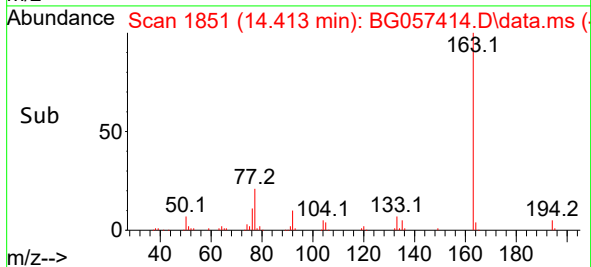
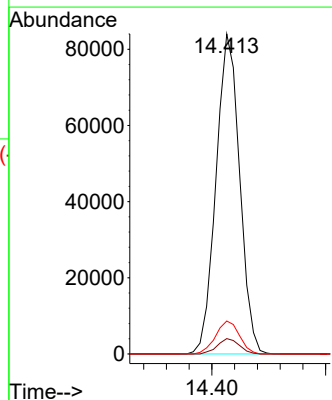
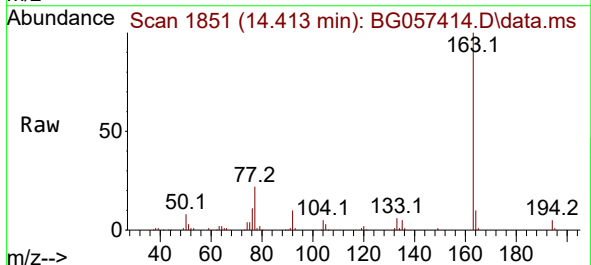
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

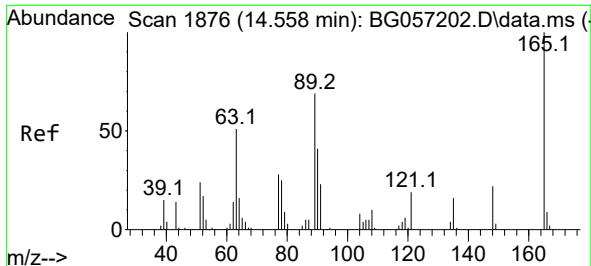
Tgt Ion:152 Resp: 129255
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 14.0 10.7 16.1



#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

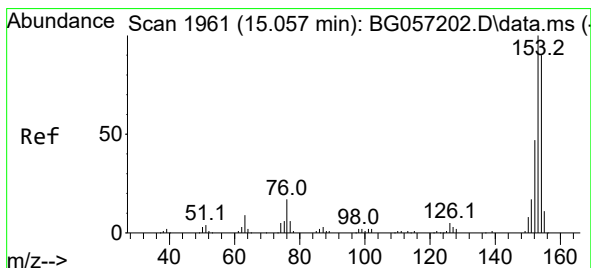
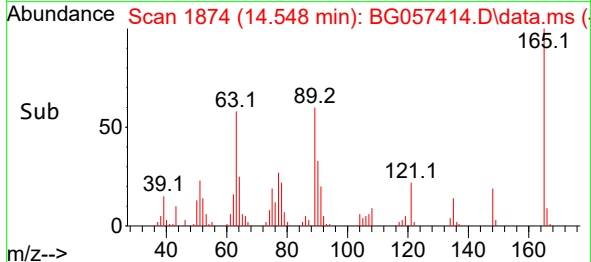
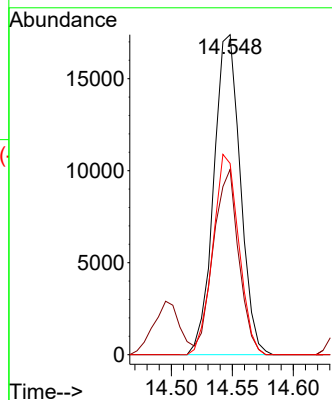
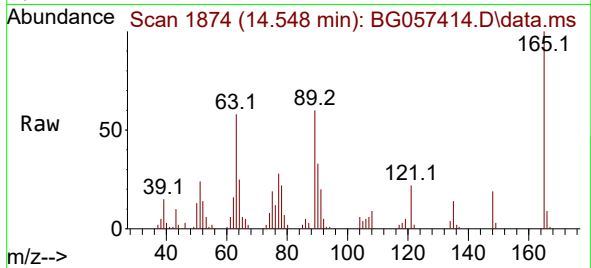




#51
2,6-Dinitrotoluene
Concen: 30.830 ng
RT: 14.548 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

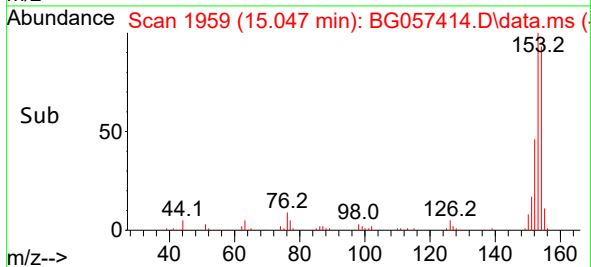
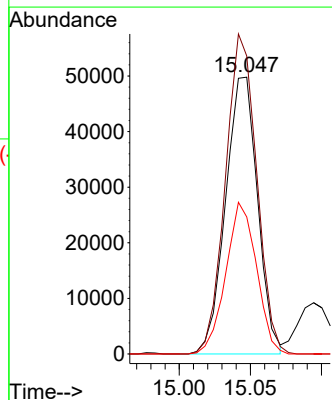
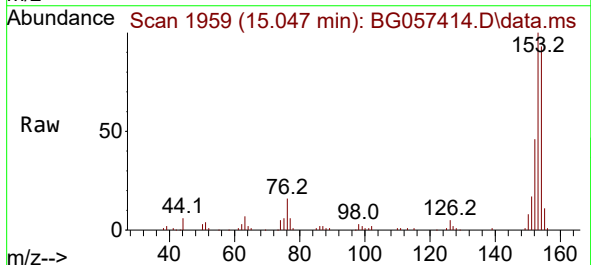
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

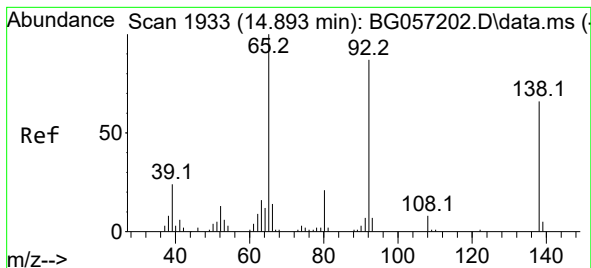
Tgt Ion:165 Resp: 26354
Ion Ratio Lower Upper
165 100
63 57.9 50.9 76.3
89 59.7 55.2 82.8



#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

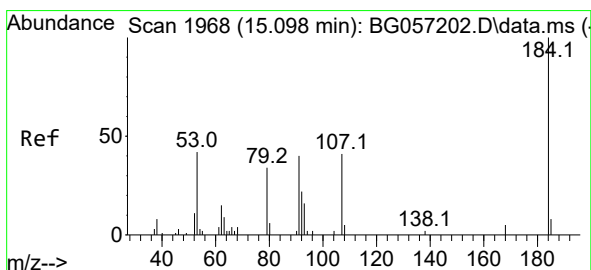
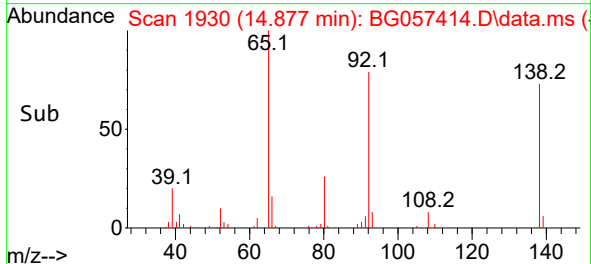
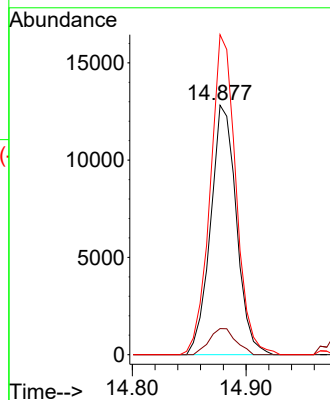
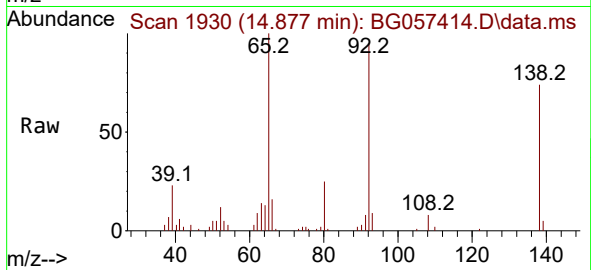




#53
3-Nitroaniline
Concen: 23.591 ng
RT: 14.877 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

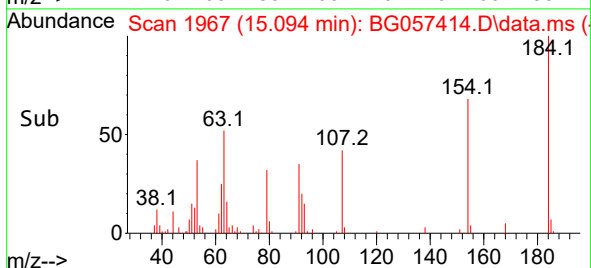
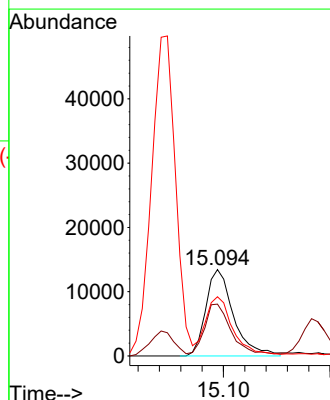
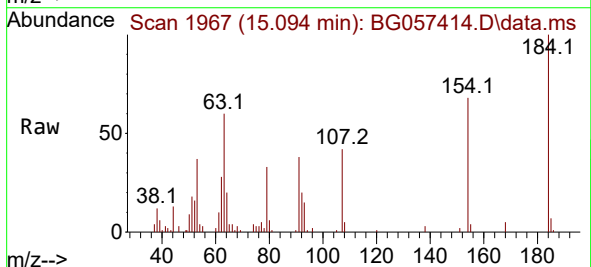
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

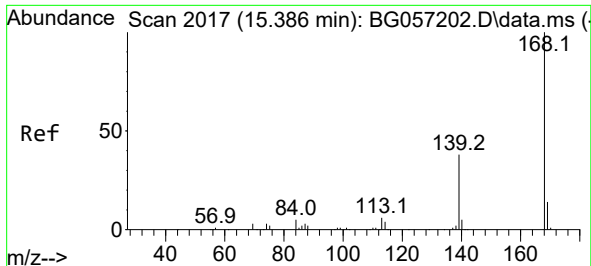
Tgt Ion:138 Resp: 20203
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 128.3 106.2 159.4



#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

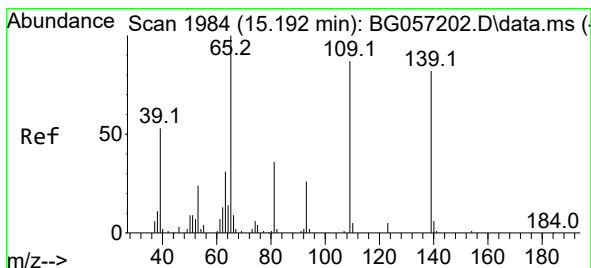
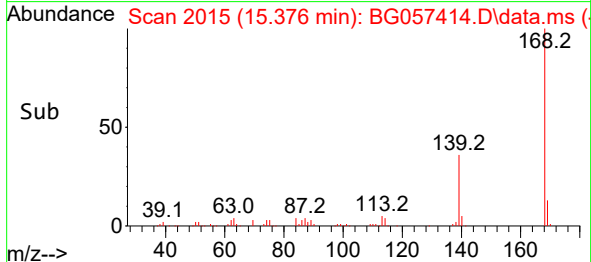
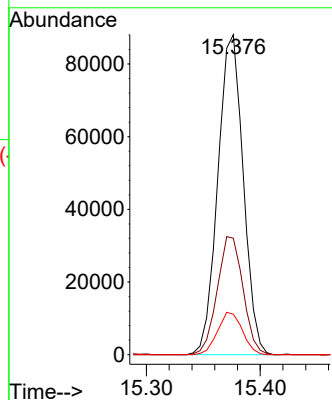
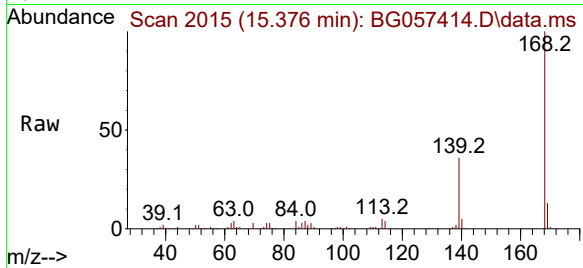




#55
Dibenzofuran
Concen: 28.472 ng
RT: 15.376 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

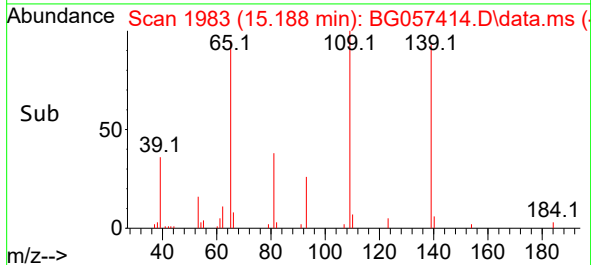
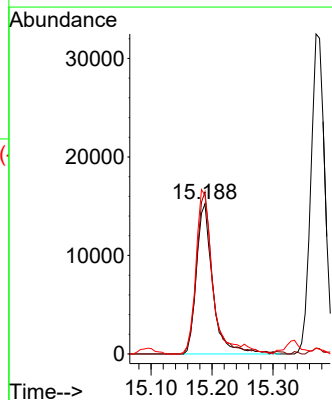
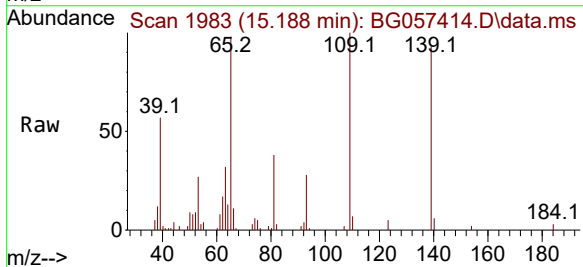
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

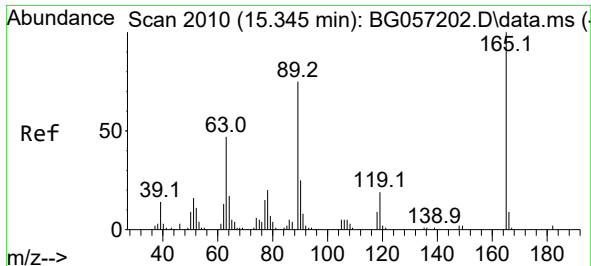
Tgt Ion:168 Resp: 136535
Ion Ratio Lower Upper
168 100
139 36.4 30.7 46.1
169 12.6 10.9 16.3



#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

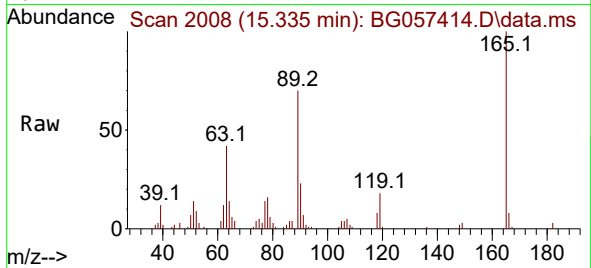
Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD



Tgt Ion:165 Resp: 36123

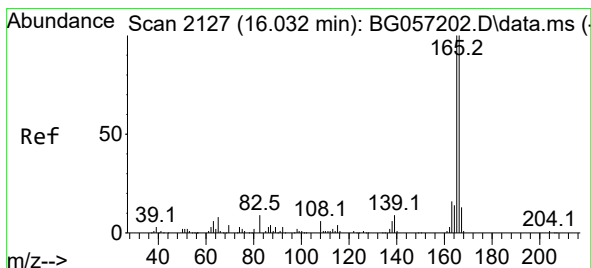
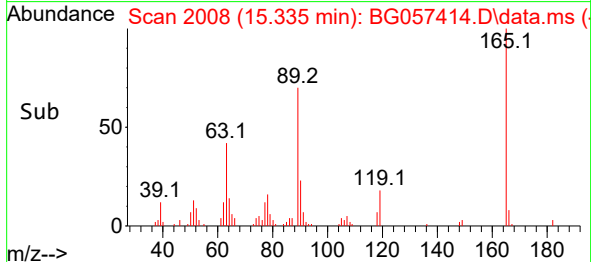
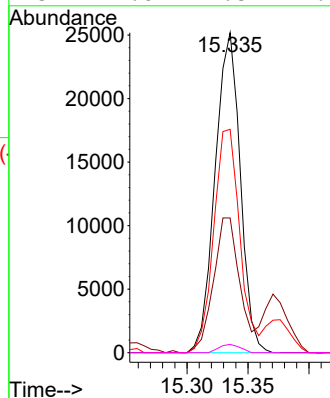
Ion Ratio Lower Upper

165 100

63 42.1 37.5 56.3

89 69.8 60.2 90.4

182 2.6 1.8 2.8



#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

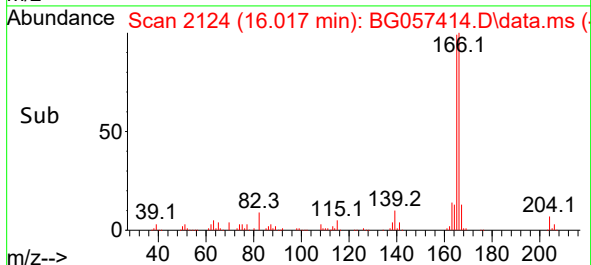
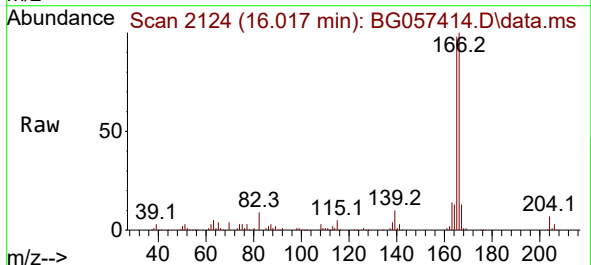
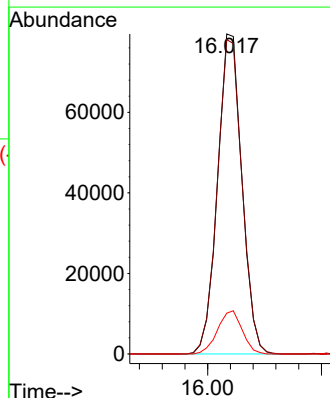
Tgt Ion:166 Resp: 118060

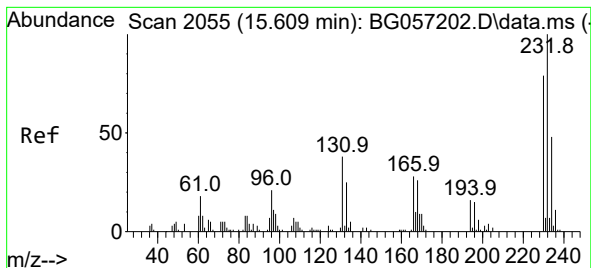
Ion Ratio Lower Upper

166 100

165 98.3 80.1 120.1

167 12.8 10.2 15.2

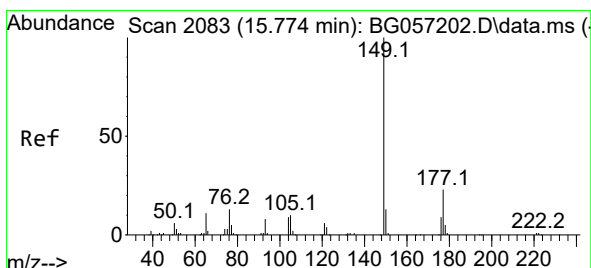
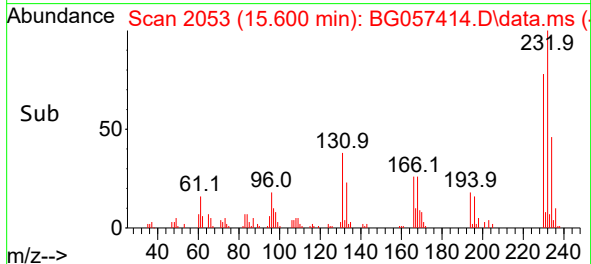
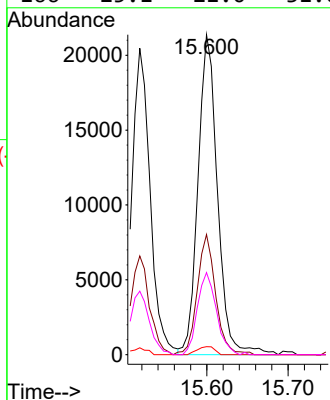
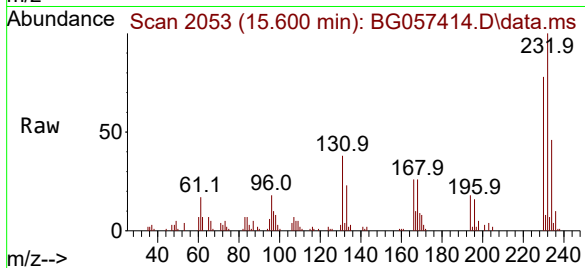




#59
2,3,4,6-Tetrachlorophenol
Concen: 30.339 ng
RT: 15.600 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

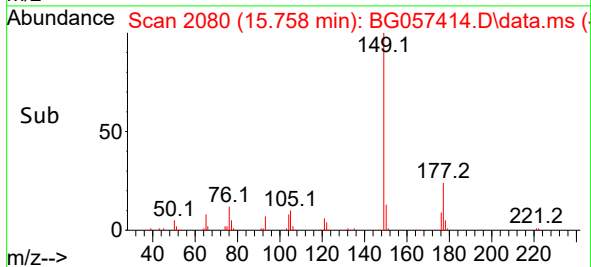
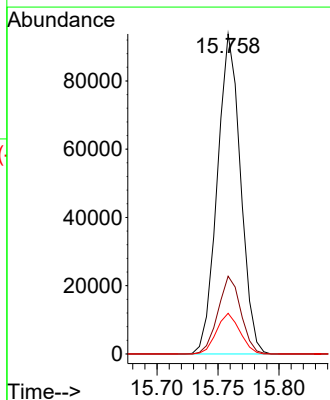
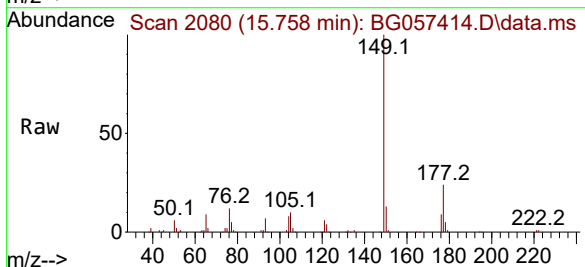
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

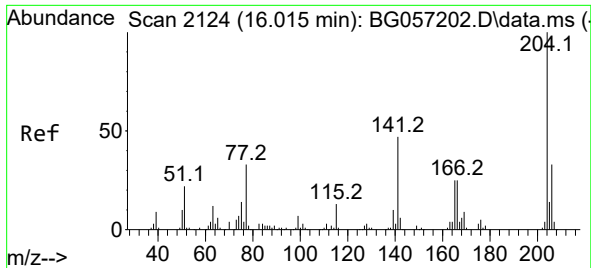
Tgt Ion:232 Resp: 35653
Ion Ratio Lower Upper
232 100
131 35.3 28.6 42.8
130 2.2 1.6 2.4
166 25.1 21.0 31.6



#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

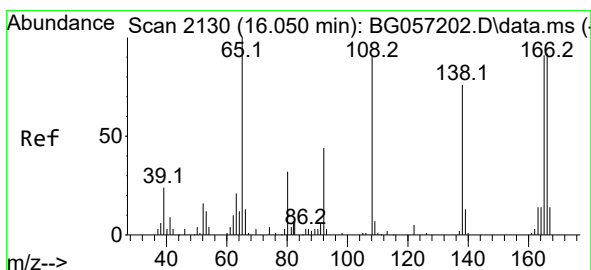
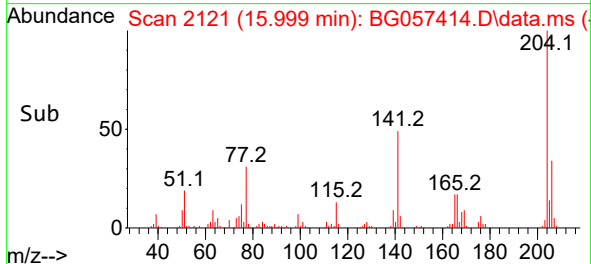
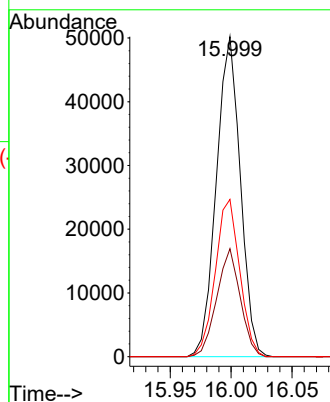
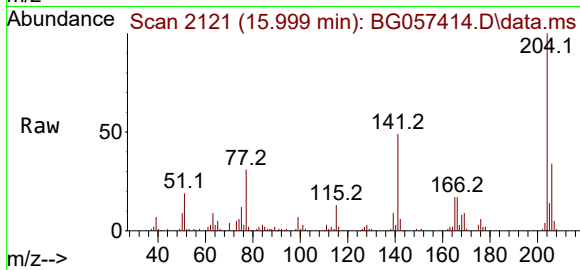




#61
4-Chlorophenyl-phenylether
Concen: 28.896 ng
RT: 15.999 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

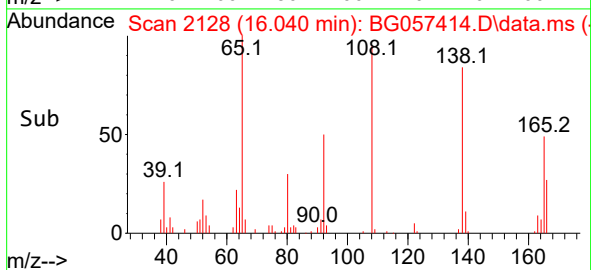
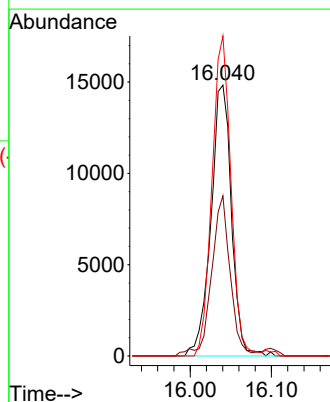
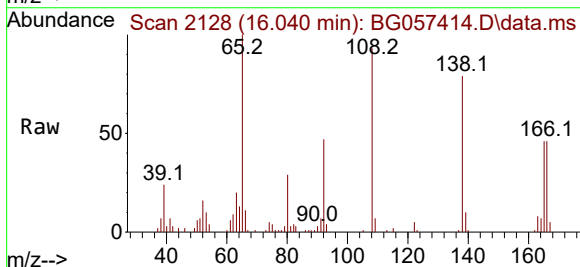
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

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



#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

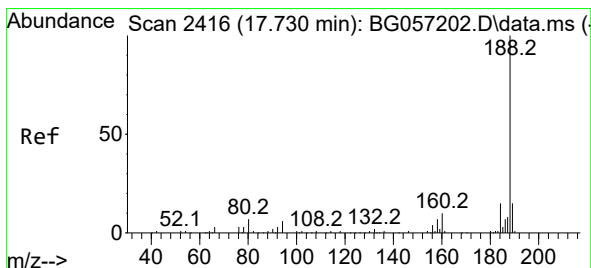
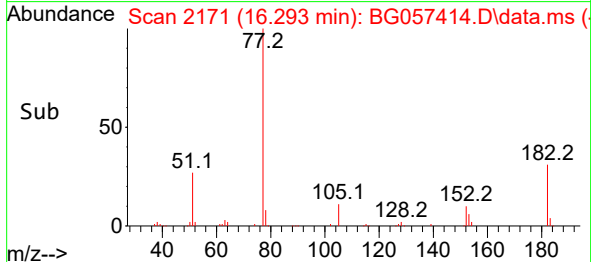
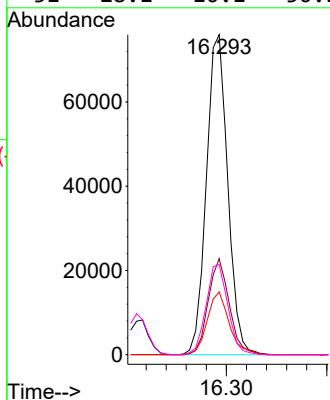
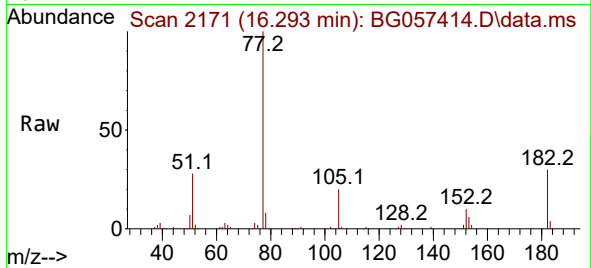




#63
Azobenzene
Concen: 27.373 ng
RT: 16.293 min Scan# 2174
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

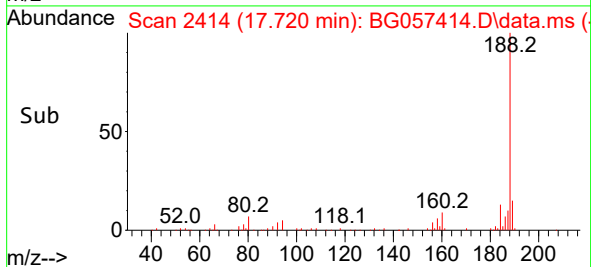
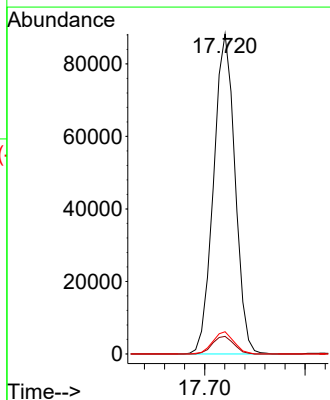
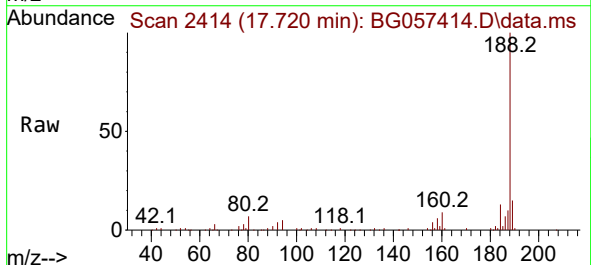
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

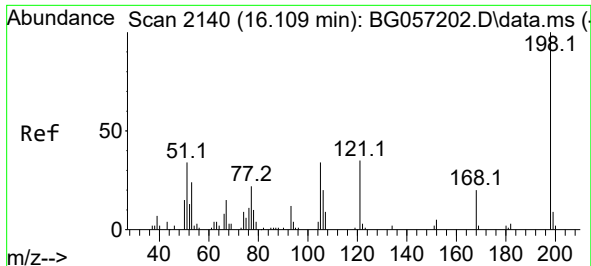
Tgt Ion: 77	Resp: 112295
Ion Ratio	Lower Upper
77 100	
182 30.0	7.4 47.4
105 19.6	0.0 37.2
51 28.1	10.1 50.1



#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# 21

Delta R.T. -0.001 min

Lab File: BG057414.D

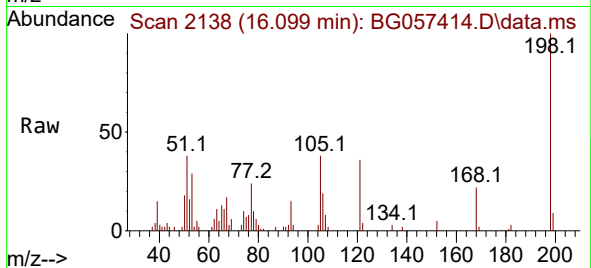
Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD



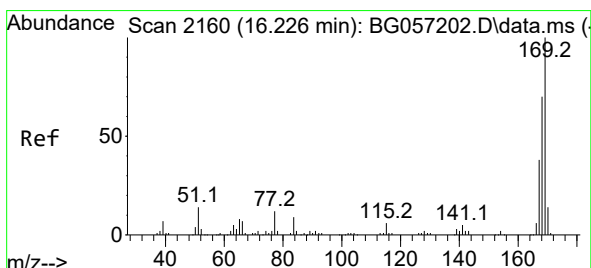
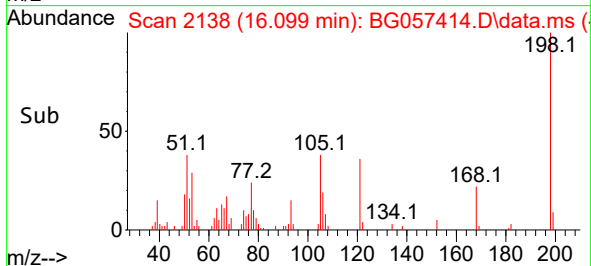
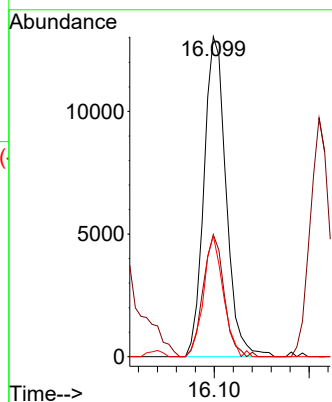
Tgt Ion:198 Resp: 21092

Ion Ratio Lower Upper

198 100

51 38.1 16.1 56.1

105 37.8 14.0 54.0



#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

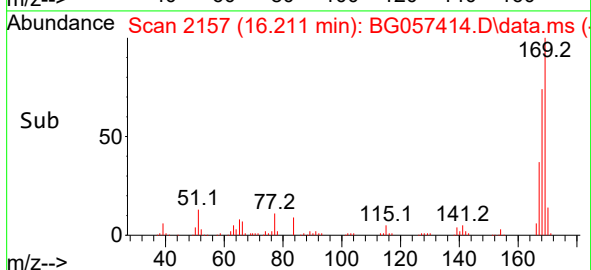
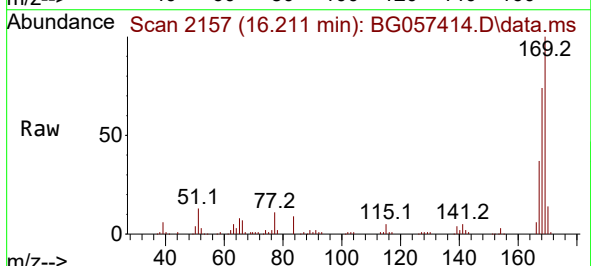
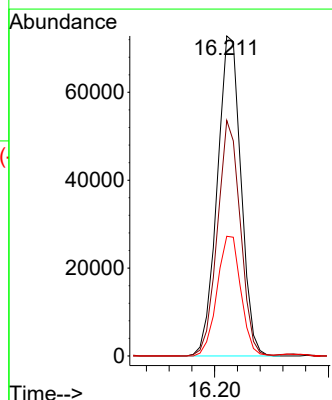
Tgt Ion:169 Resp: 105499

Ion Ratio Lower Upper

169 100

168 73.6 56.2 84.4

167 37.4 30.2 45.4

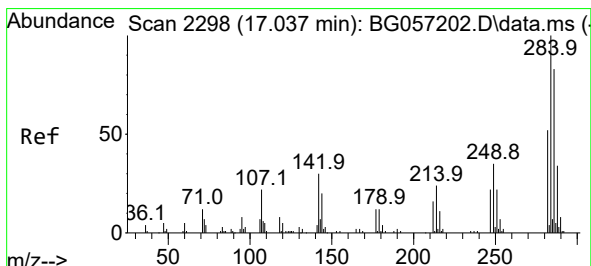
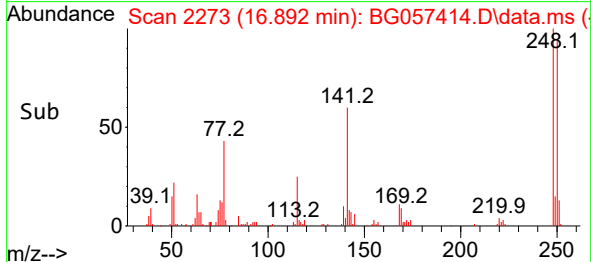
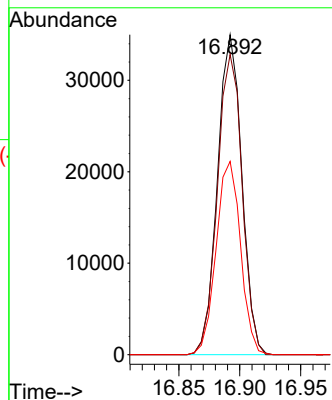
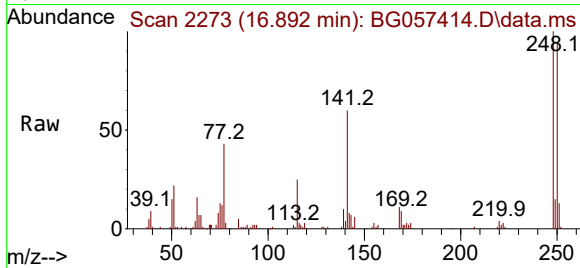




#67
4-Bromophenyl-phenylether
Concen: 30.399 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

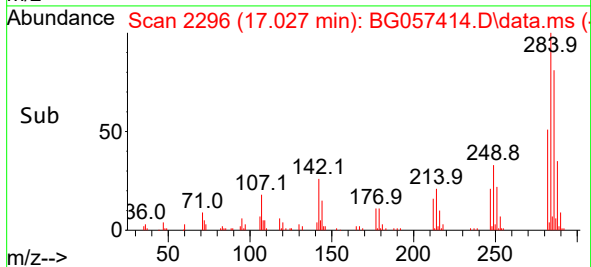
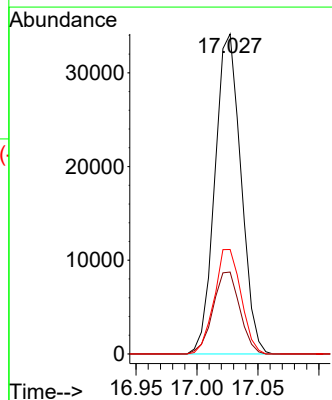
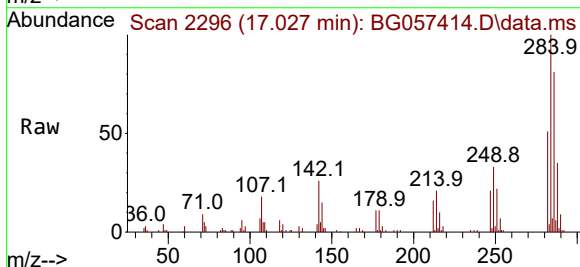
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

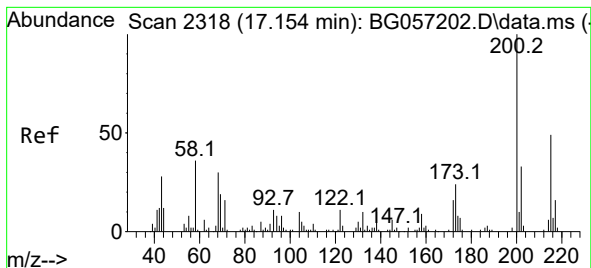
Tgt Ion:248 Resp: 48598
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.6
141 60.4 48.6 72.8



#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

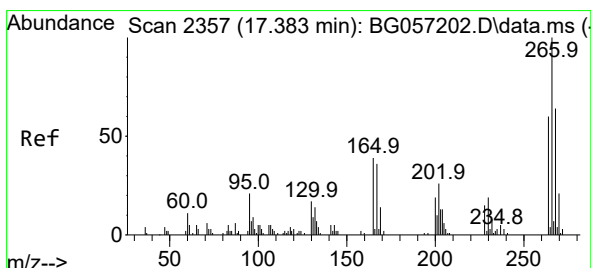
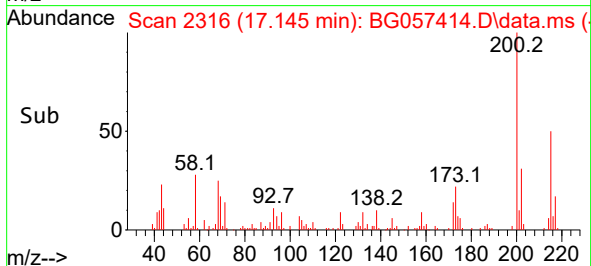
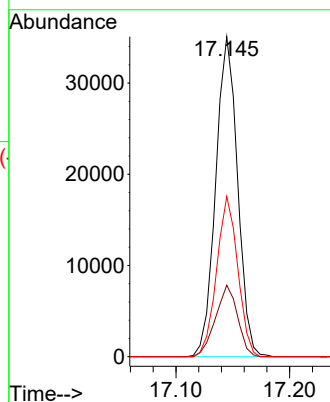
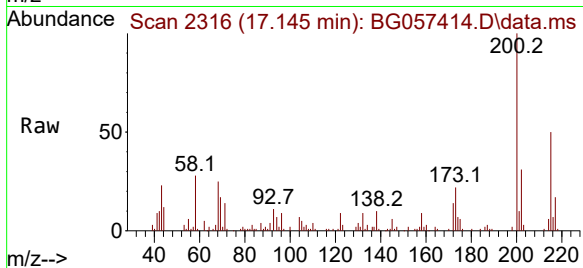
Tgt Ion:200 Resp: 46866

Ion Ratio Lower Upper

200 100

173 22.3 4.3 44.3

215 50.1 29.3 69.3



#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

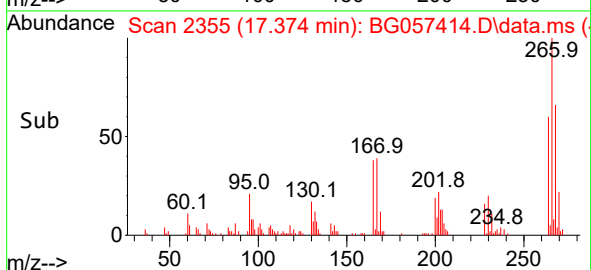
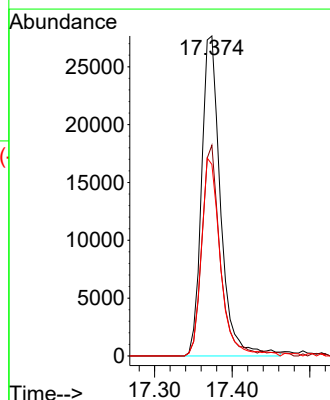
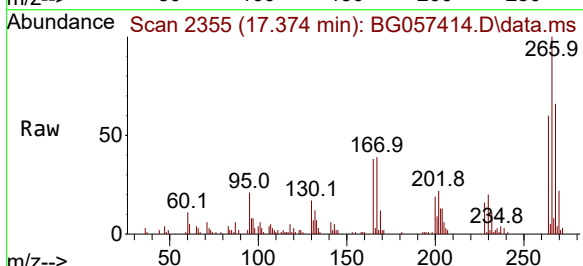
Tgt Ion:266 Resp: 46982

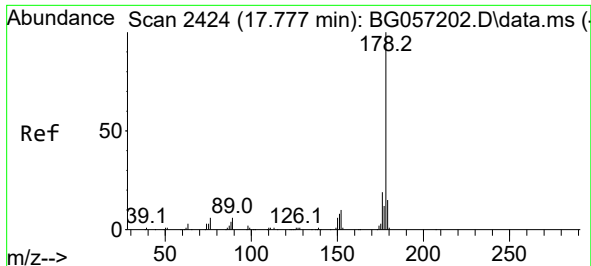
Ion Ratio Lower Upper

266 100

268 65.8 51.0 76.6

264 59.8 47.8 71.6

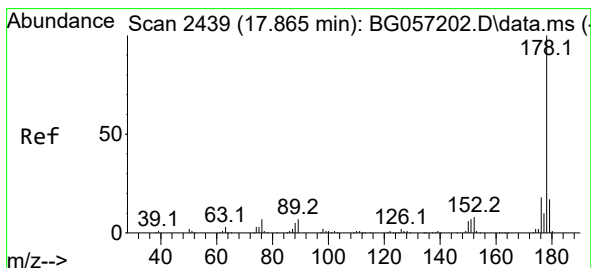
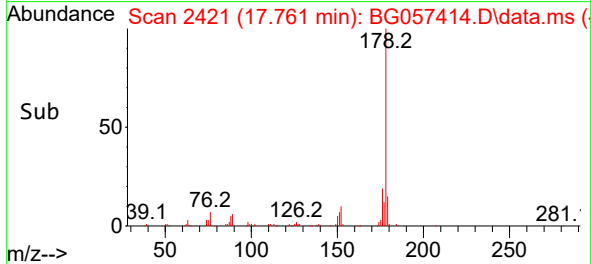
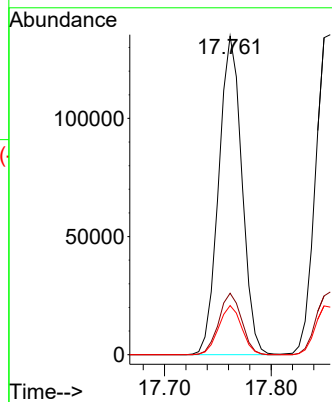
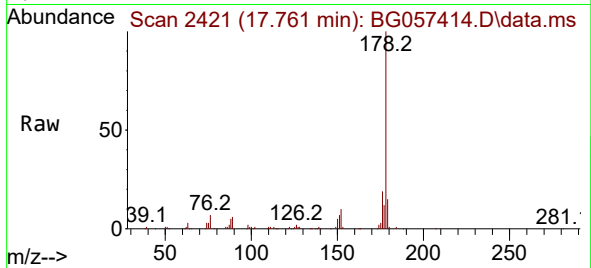




#71
Phenanthrene
Concen: 30.314 ng
RT: 17.761 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

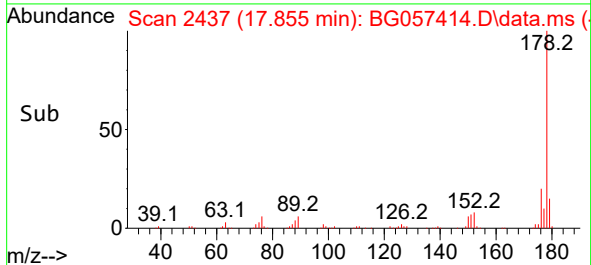
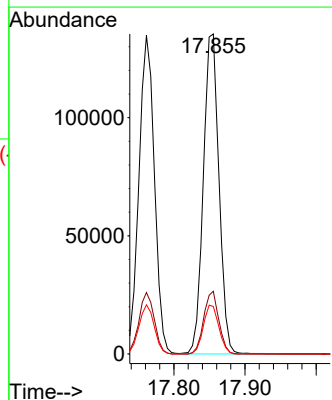
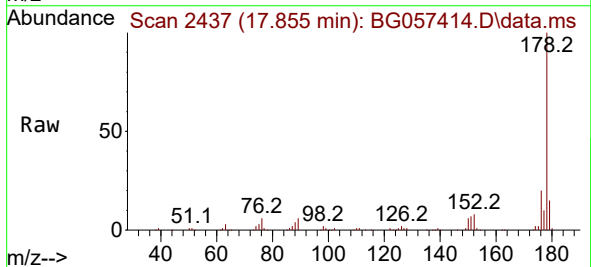
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

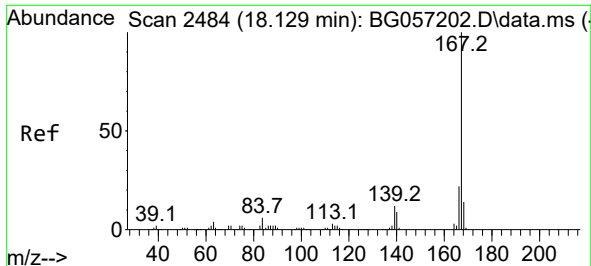
Tgt Ion:178 Resp: 203423
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.3 18.5



#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

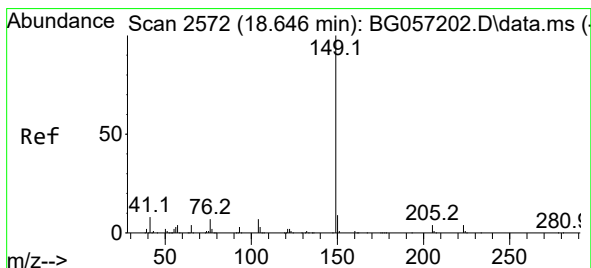
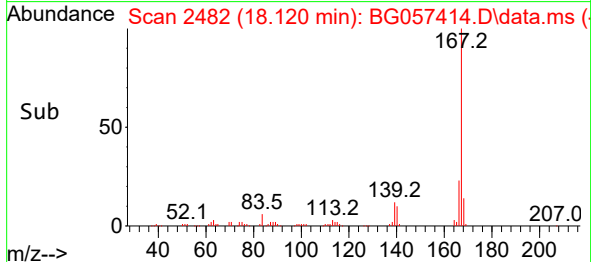
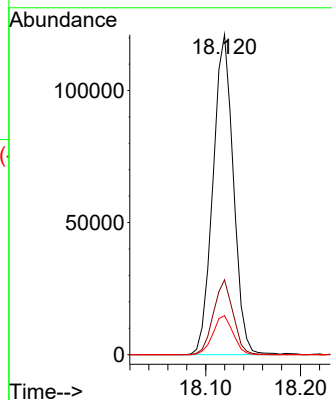
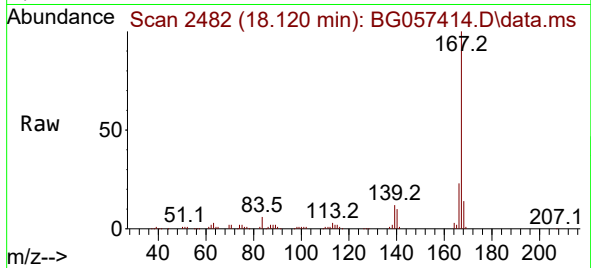




#73
 Carbazole
 Concen: 31.285 ng
 RT: 18.120 min Scan# 2484
 Delta R.T. -0.001 min
 Lab File: BG057414.D
 Acq: 12 May 2023 18:15

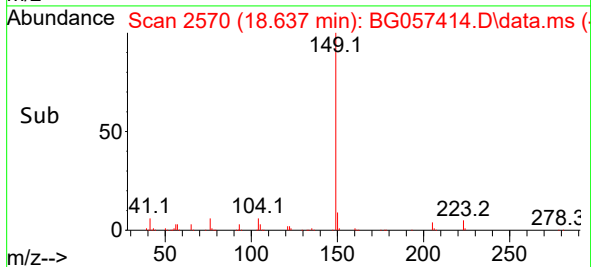
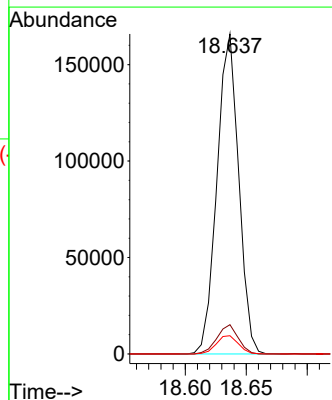
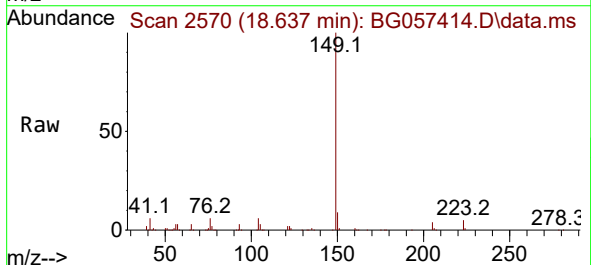
Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MSD

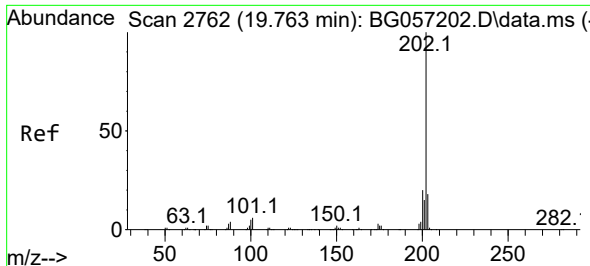
Tgt Ion:167 Resp: 181353
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.4 26.0
 139 12.2 9.6 14.4



#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

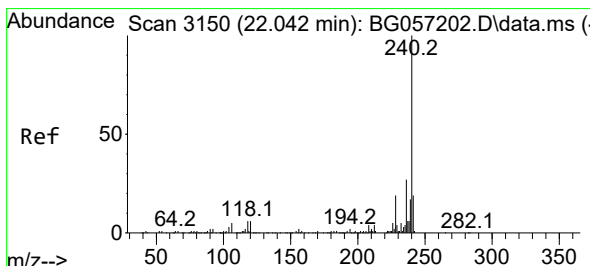
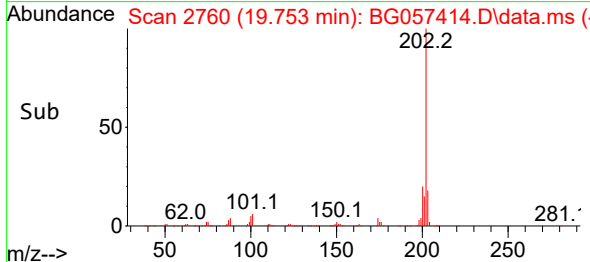
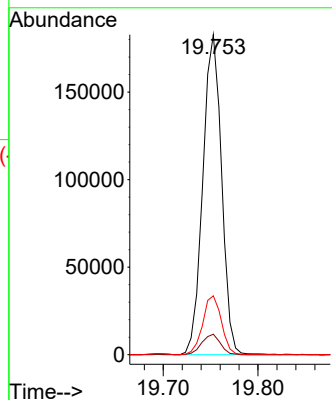
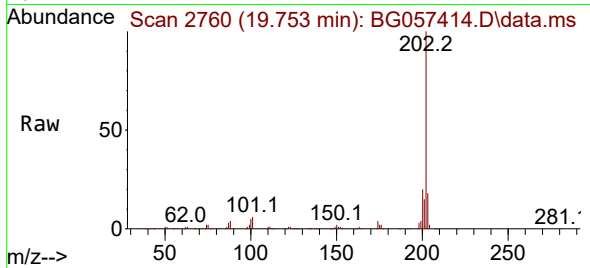




#75
Fluoranthene
Concen: 30.072 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

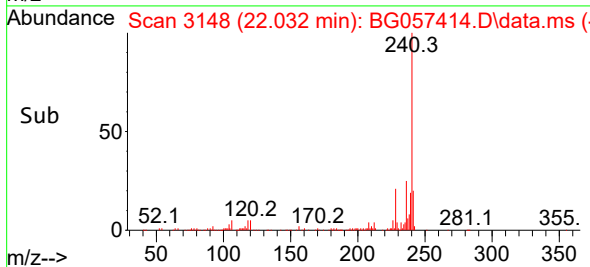
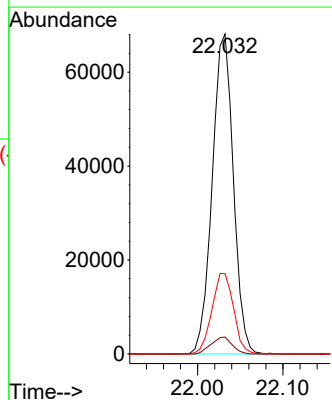
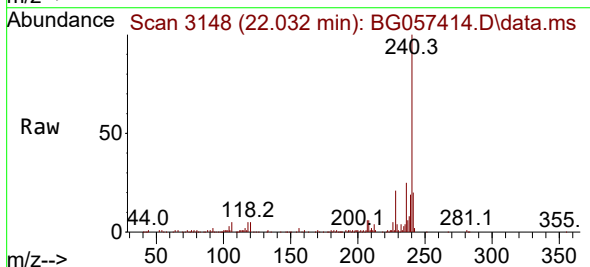
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

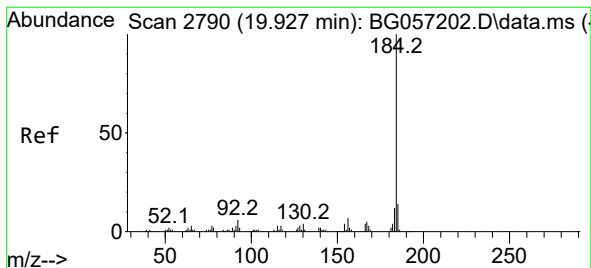
Tgt Ion:202 Resp: 250985
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.4 0.0 37.9



#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

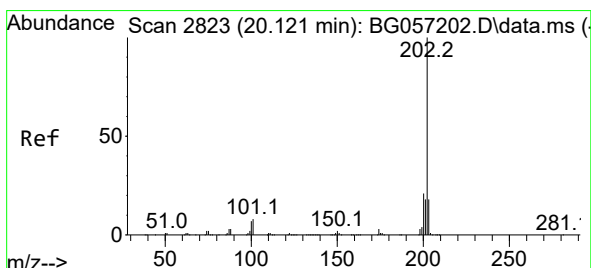
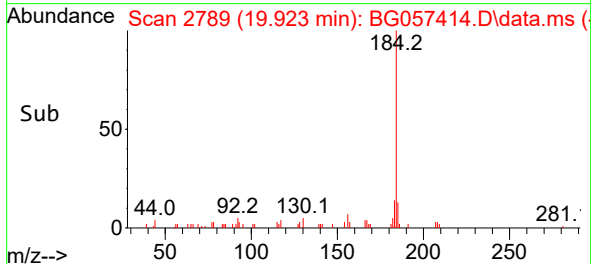
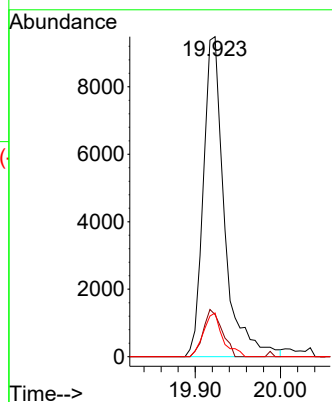
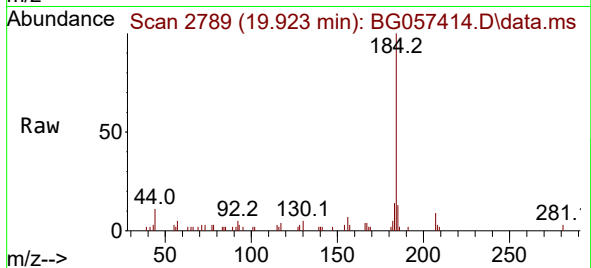
Tgt Ion:184 Resp: 16265

Ion Ratio Lower Upper

184 100

185 13.2 11.1 16.7

183 13.6 9.9 14.9



#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

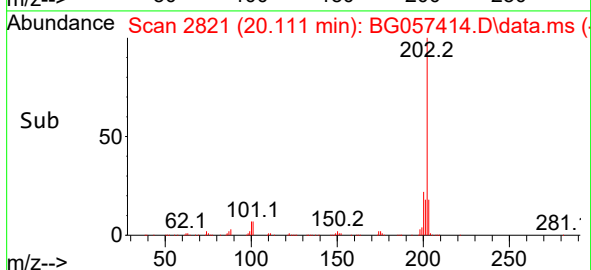
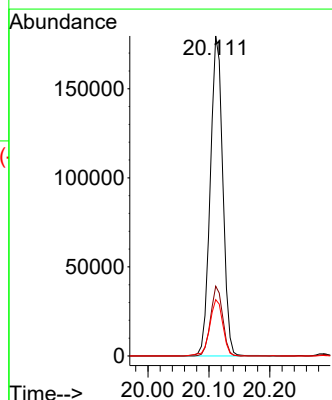
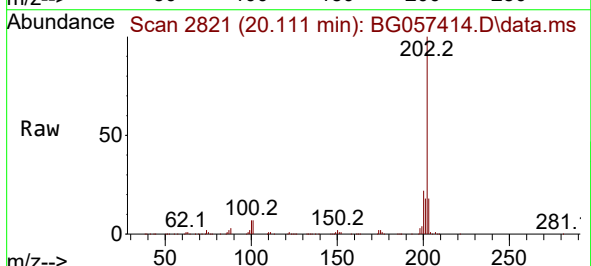
Tgt Ion:202 Resp: 256326

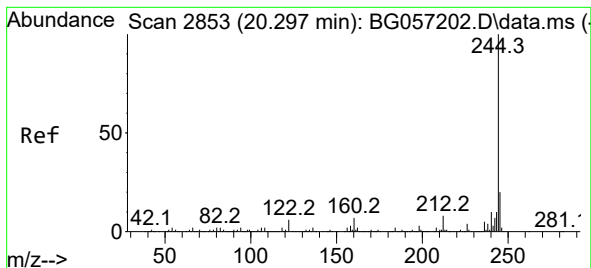
Ion Ratio Lower Upper

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# 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

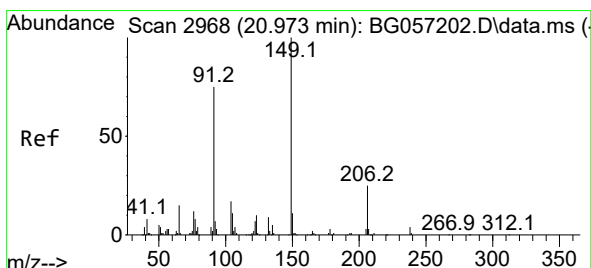
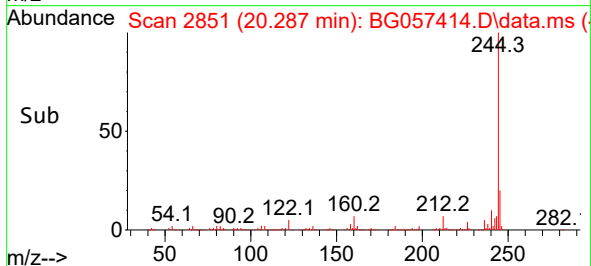
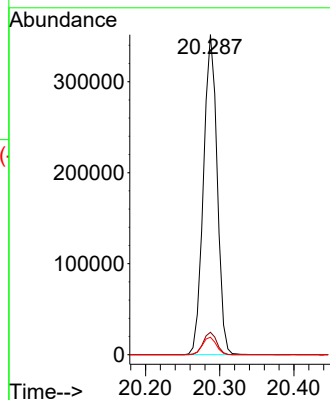
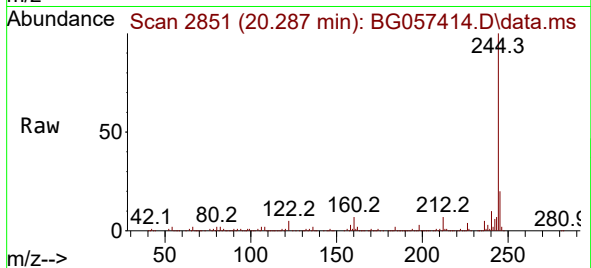
Tgt Ion:244 Resp: 451818

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 5.4 5.1 7.7



#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

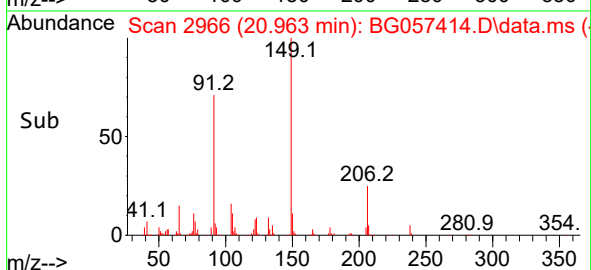
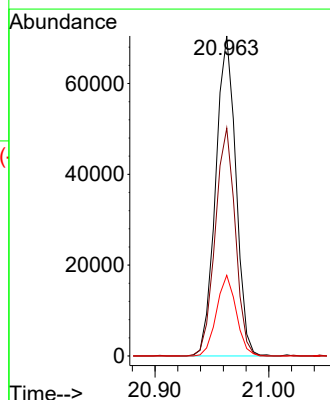
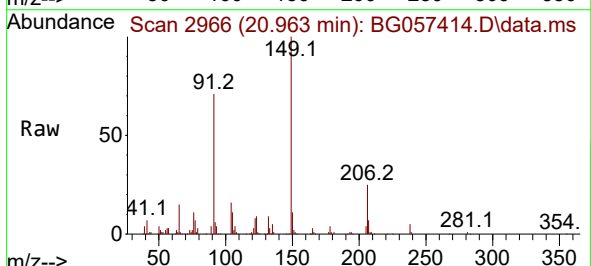
Tgt Ion:149 Resp: 87056

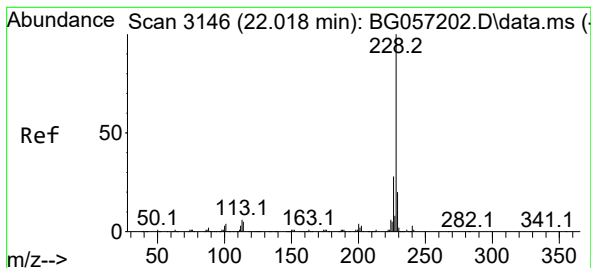
Ion Ratio Lower Upper

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

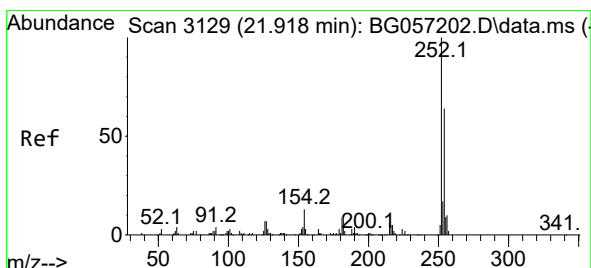
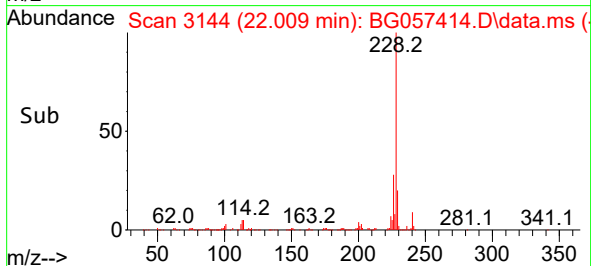
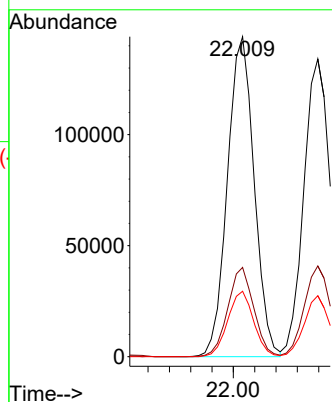
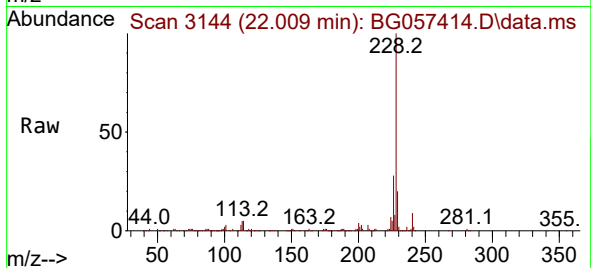
Tgt Ion:228 Resp: 251115

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

229 20.5 15.8 23.8



#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

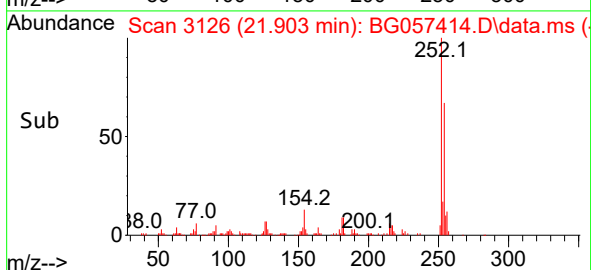
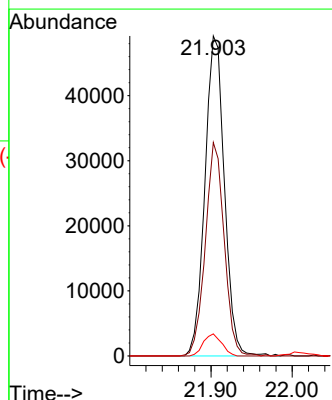
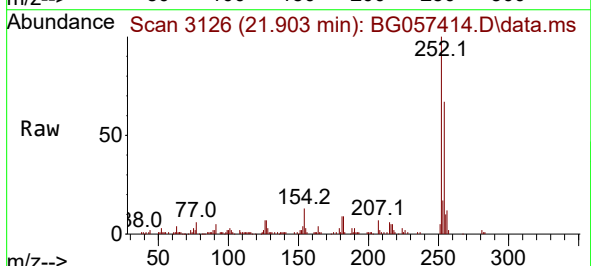
Tgt Ion:252 Resp: 81948

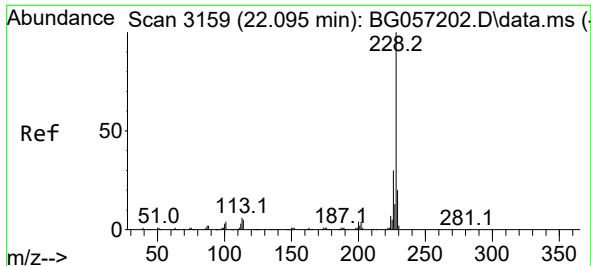
Ion Ratio Lower Upper

252 100

254 66.7 51.4 77.0

126 6.9 5.9 8.9

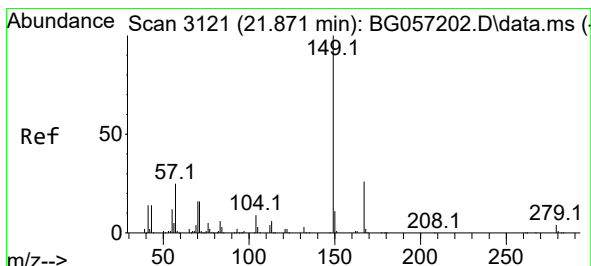
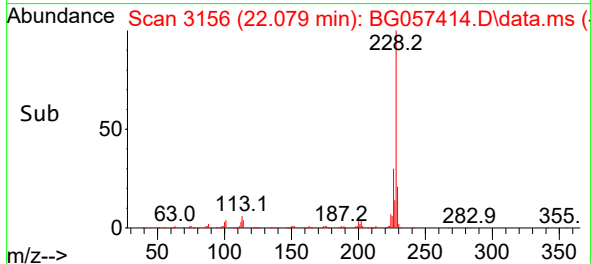
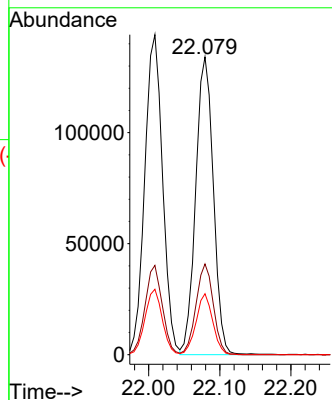
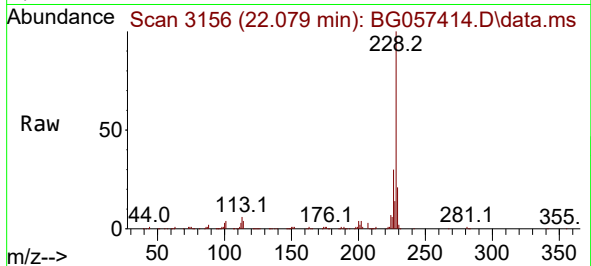




#83
Chrysene
Concen: 29.564 ng
RT: 22.079 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

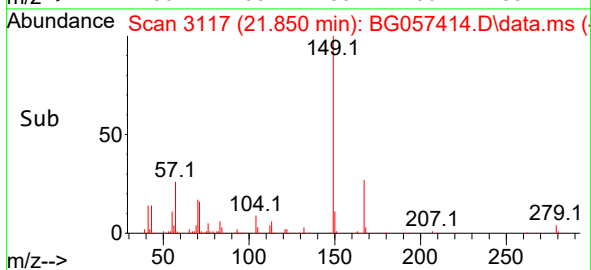
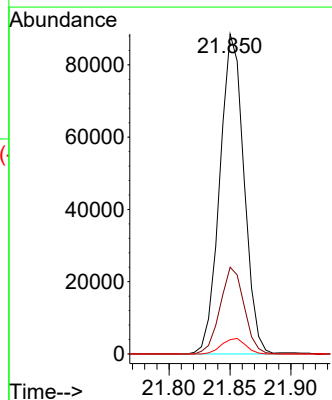
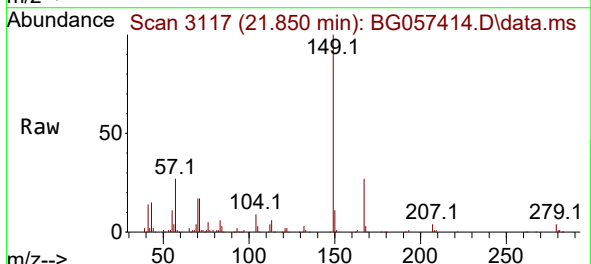
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

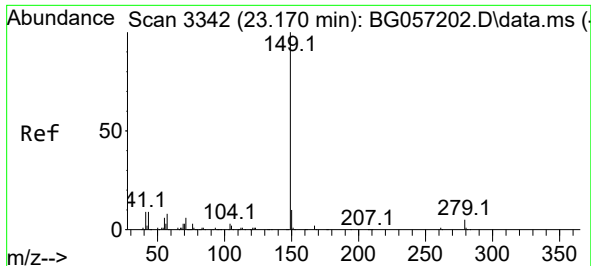
Tgt Ion:228 Resp: 232138
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.5 15.9 23.9



#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

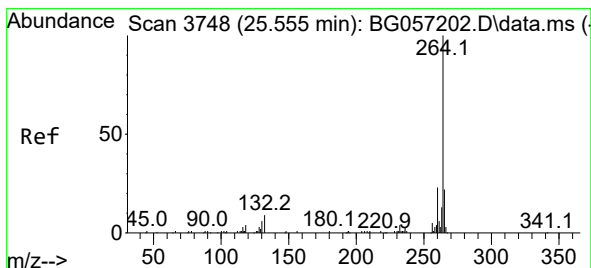
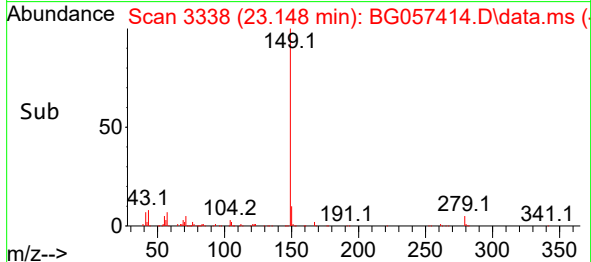
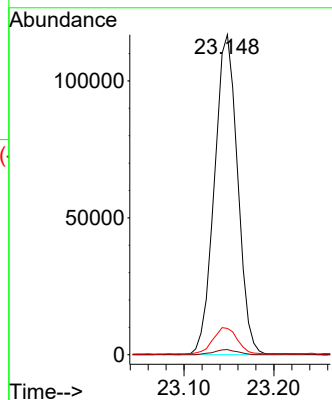
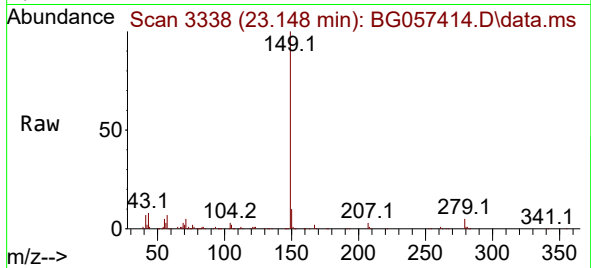




#85
Di-n-octyl phthalate
Concen: 31.453 ng
RT: 23.148 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

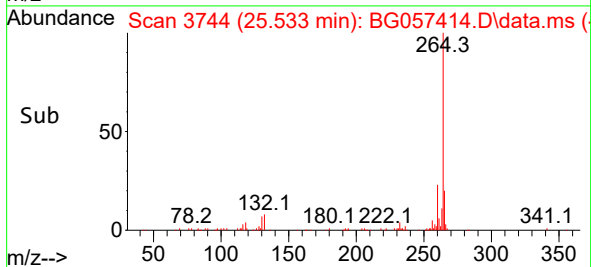
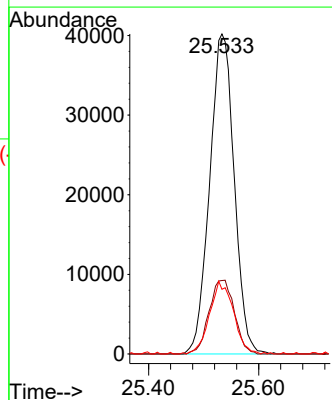
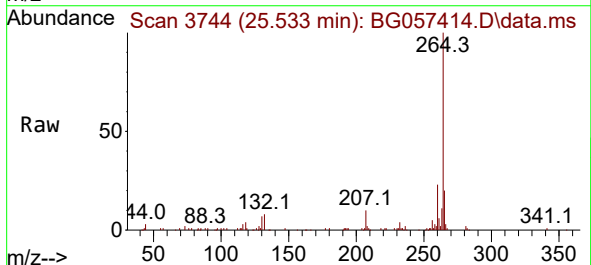
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

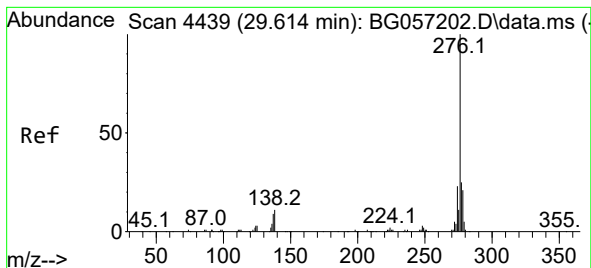
Tgt Ion:149 Resp: 209524
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.8



#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# 4433

Delta R.T. -0.019 min

Lab File: BG057414.D

Acq: 12 May 2023 18:15

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MSD

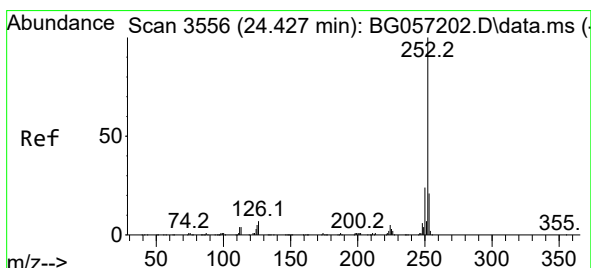
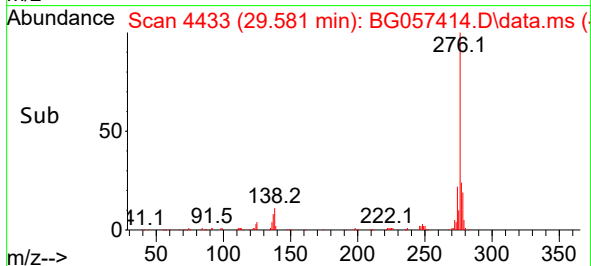
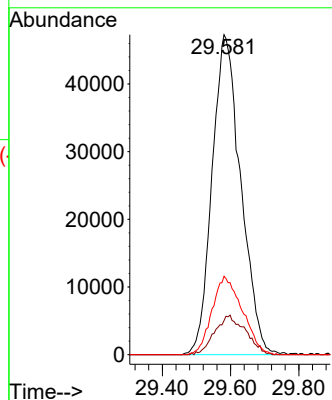
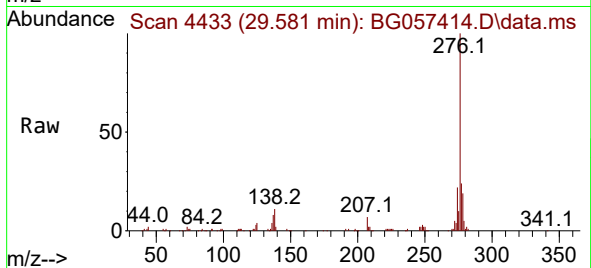
Tgt Ion:276 Resp: 275591

Ion Ratio Lower Upper

276 100

138 13.2 5.4 8.0#

277 25.9 20.6 30.8



#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

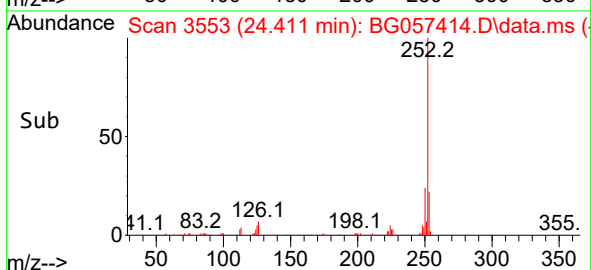
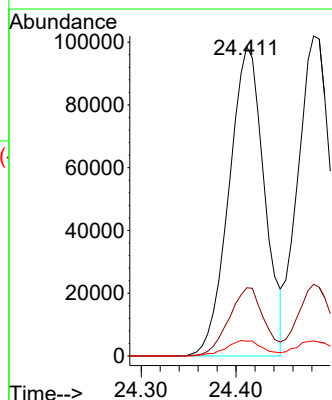
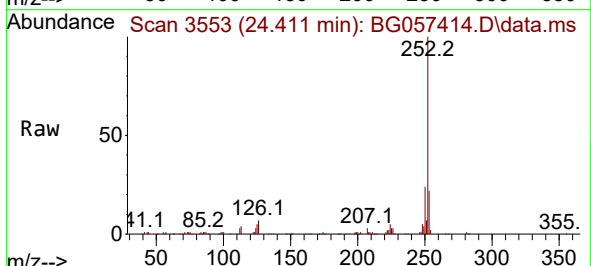
Tgt Ion:252 Resp: 255492

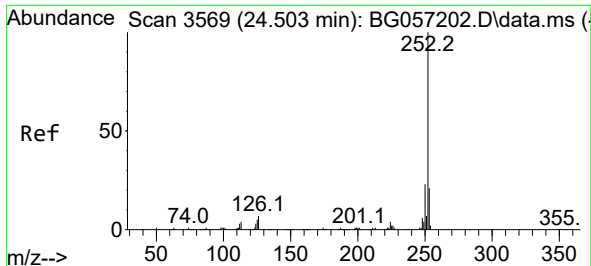
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 4.8 4.2 6.2

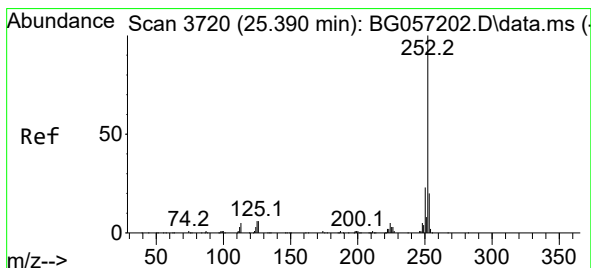
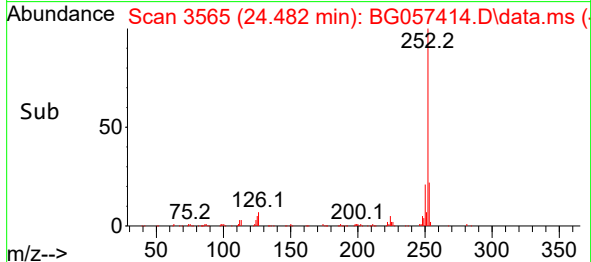
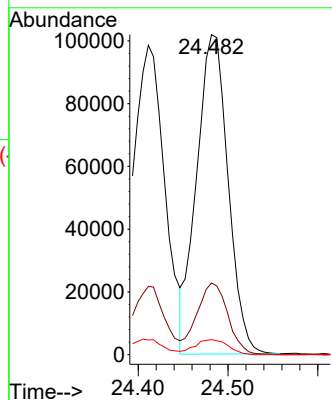
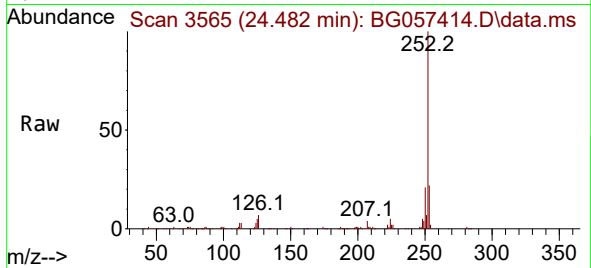




#89
Benzo(k)fluoranthene
Concen: 29.959 ng
RT: 24.482 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

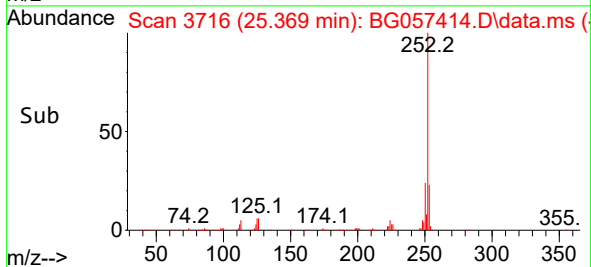
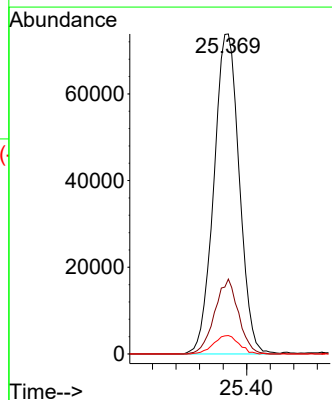
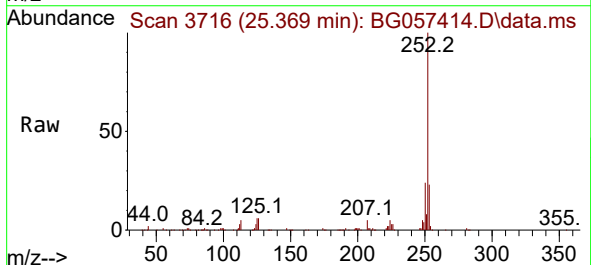
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MSD

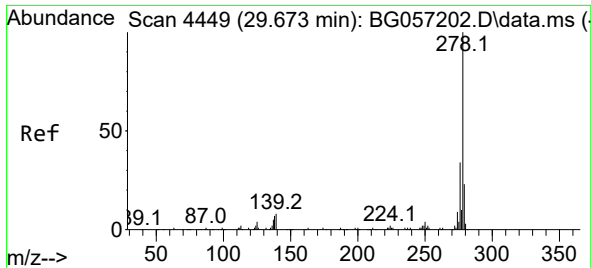
Tgt Ion:252 Resp: 247576
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 4.7 4.1 6.1



#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

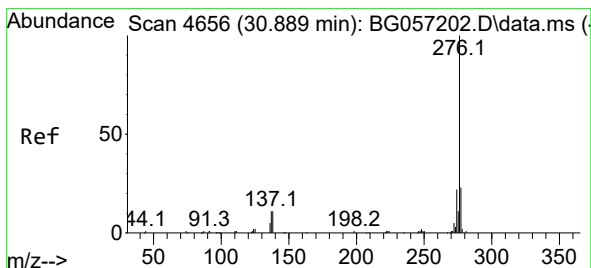
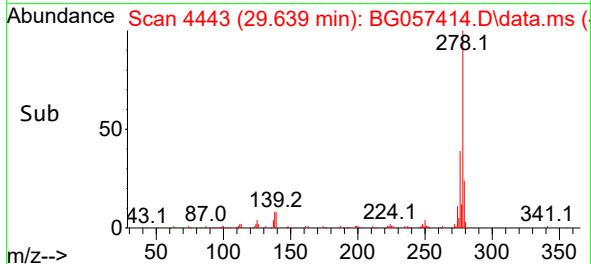
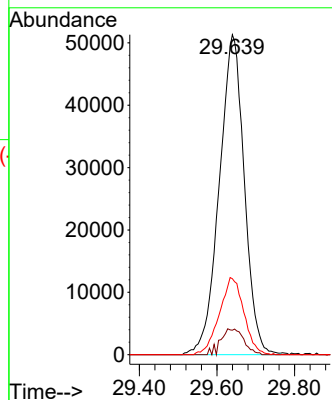
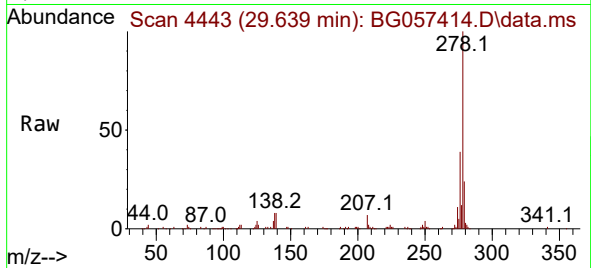




#91
Dibenzo(a,h)anthracene
Concen: 30.433 ng
RT: 29.639 min Scan# 4443
Delta R.T. -0.013 min
Lab File: BG057414.D
Acq: 12 May 2023 18:15

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

Tgt Ion:278 Resp: 229796
Ion Ratio Lower Upper
278 100
139 7.6 6.2 9.2
279 23.8 18.6 27.8



#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

