

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056168.D
 Acq On : 30 Dec 2022 13:02
 Operator : CG/JU
 Sample : PB149979BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149979BSD

Quant Time: Dec 31 00:16:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	48954	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	178386	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	152188	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	395612	20.000	ng	0.00
76) Chrysene-d12	21.977	240	385608	20.000	ng	# 0.00
86) Perylene-d12	25.432	264	415024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	419469	152.993	ng	0.00
7) Phenol-d6	7.476	99	573090	136.108	ng	0.00
23) Nitrobenzene-d5	9.509	82	293527	84.168	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	262790	136.342	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	945888	85.826	ng	0.00
79) Terphenyl-d14	20.255	244	1993519	92.594	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.675	88	48528	38.750	ng	97
3) Pyridine	4.092	79	130797	34.292	ng	96
4) n-Nitrosodimethylamine	4.004	42	32191	41.489	ng	# 92
6) Aniline	7.653	93	184932	33.492	ng	97
8) 2-Chlorophenol	7.899	128	134861	49.430	ng	93
9) Benzaldehyde	7.465	77	76609	30.600	ng	98
10) Phenol	7.500	94	199196	46.649	ng	98
11) bis(2-Chloroethyl)ether	7.741	93	119960	41.455	ng	95
12) 1,3-Dichlorobenzene	8.228	146	160260	48.263	ng	92
13) 1,4-Dichlorobenzene	8.375	146	160466	48.124	ng	98
14) 1,2-Dichlorobenzene	8.698	146	154356	47.976	ng	99
15) Benzyl Alcohol	8.569	79	127979	41.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.857	45	21038	41.141	ng	94
17) 2-Methylphenol	8.769	107	134018	42.772	ng	97
18) Hexachloroethane	9.433	117	46189	45.598	ng	99
19) n-Nitroso-di-n-propyla...	9.139	70	93601	36.557	ng	99
20) 3+4-Methylphenols	9.098	107	186041	42.232	ng	99
22) Acetophenone	9.163	105	218952	43.409	ng	# 98
24) Nitrobenzene	9.556	77	145599	42.129	ng	98
25) Isophorone	10.073	82	286758	39.081	ng	95
26) 2-Nitrophenol	10.267	139	79684	45.063	ng	95
27) 2,4-Dimethylphenol	10.314	122	152008	47.131	ng	95
28) bis(2-Chloroethoxy)met...	10.549	93	162400	42.584	ng	99
29) 2,4-Dichlorophenol	10.808	162	176745	49.569	ng	97
30) 1,2,4-Trichlorobenzene	11.025	180	188677	46.629	ng	99
31) Naphthalene	11.219	128	416935	44.411	ng	99
32) Benzoic acid	10.438	122	111057	46.409	ng	97
33) 4-Chloroaniline	11.313	127	98571	21.991	ng	95
34) Hexachlorobutadiene	11.495	225	131884	45.318	ng	97
35) Caprolactam	12.077	113	24905	20.630	ng	89
36) 4-Chloro-3-methylphenol	12.406	107	162047	44.788	ng	100
37) 2-Methylnaphthalene	12.800	142	329344	41.547	ng	100
38) 1-Methylnaphthalene	13.017	142	303322	41.205	ng	97
40) 1,2,4,5-Tetrachloroben...	13.158	216	250652	43.943	ng	98
41) Hexachlorocyclopentadiene	13.134	237	354642	109.054	ng	98
43) 2,4,6-Trichlorophenol	13.387	196	173913	46.110	ng	97

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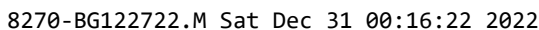
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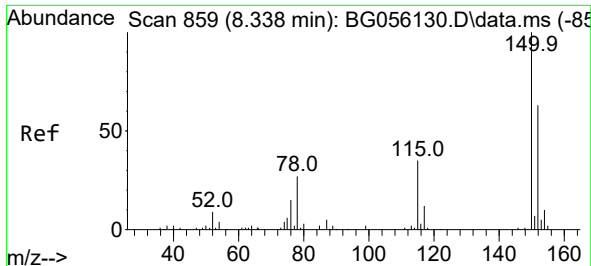
Quant Time: Dec 31 00:16:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.458	196	191556	42.934	ng	98
46) 1,1'-Biphenyl	13.787	154	474529	43.538	ng	96
47) 2-Chloronaphthalene	13.834	162	385118	44.766	ng	98
48) 2-Nitroaniline	14.028	65	78772	42.975	ng	95
49) Acenaphthylene	14.674	152	598599	42.758	ng	98
50) Dimethylphthalate	14.386	163	521881	42.479	ng	99
51) 2,6-Dinitrotoluene	14.509	165	114829	43.864	ng	98
52) Acenaphthene	15.009	154	452762	49.725	ng	99
53) 3-Nitroaniline	14.838	138	69119	27.743	ng	97
54) 2,4-Dinitrophenol	15.044	184	186309	99.623	ng	97
55) Dibenzofuran	15.338	168	637483	42.308	ng	97
56) 4-Nitrophenol	15.132	139	182700	95.349	ng	97
57) 2,4-Dinitrotoluene	15.291	165	164554	44.947	ng	88
58) Fluorene	15.984	166	512162	42.261	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.561	232	191702	45.761	ng	97
60) Diethylphthalate	15.737	149	490928	42.610	ng	98
61) 4-Chlorophenyl-phenyle...	15.966	204	318852	42.159	ng	100
62) 4-Nitroaniline	15.996	138	109568	42.933	ng	97
63) Azobenzene	16.260	77	360405	40.536	ng	99
65) 4,6-Dinitro-2-methylph...	16.055	198	124953	46.880	ng	98
66) n-Nitrosodiphenylamine	16.178	169	476628	43.423	ng	97
67) 4-Bromophenyl-phenylether	16.859	248	216969	43.069	ng	97
68) Hexachlorobenzene	16.989	284	220995	47.019	ng	96
69) Atrazine	17.112	200	212281	46.665	ng	97
70) Pentachlorophenol	17.324	266	314729	87.172	ng	96
71) Phenanthrene	17.723	178	914100	44.586	ng	99
72) Anthracene	17.811	178	925993	43.784	ng	99
73) Carbazole	18.076	167	808886	45.501	ng	99
74) Di-n-butylphthalate	18.610	149	820353	46.292	ng	99
75) Fluoranthene	19.709	202	1182733	44.226	ng	99
77) Benzidine	19.879	184	475381	35.179	ng	100
78) Pyrene	20.073	202	1194276	43.941	ng	99
80) Butylbenzylphthalate	20.931	149	352505	45.207	ng	98
81) Benzo(a)anthracene	21.959	228	1209305	44.650	ng	99
82) 3,3'-Dichlorobenzidine	21.854	252	304041	31.185	ng	98
83) Chrysene	22.030	228	1125615	44.369	ng	99
84) Bis(2-ethylhexyl)phtha...	21.824	149	506243	45.064	ng	99
85) Di-n-octyl phthalate	23.117	149	858470	45.266	ng	100
87) Indeno(1,2,3-cd)pyrene	29.409	276	1420192	47.052	ng	99
88) Benzo(b)fluoranthene	24.327	252	1268706	48.113	ng	98
89) Benzo(k)fluoranthene	24.404	252	1248858	47.560	ng	99
90) Benzo(a)pyrene	25.267	252	1113271	43.286	ng	99
91) Dibenzo(a,h)anthracene	29.474	278	1187971	46.945	ng	99
92) Benzo(g,h,i)perylene	30.679	276	1146334	46.713	ng	99

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

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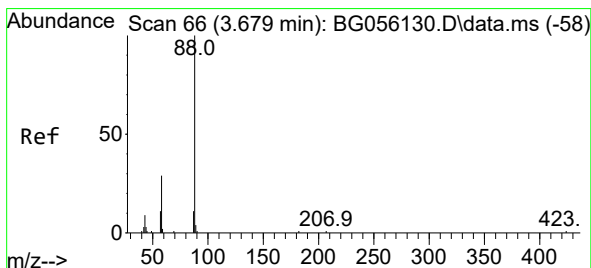
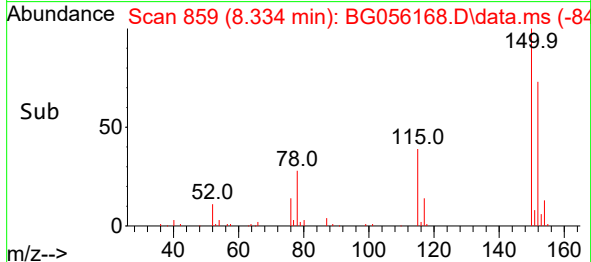
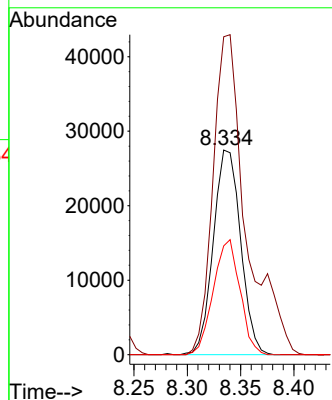
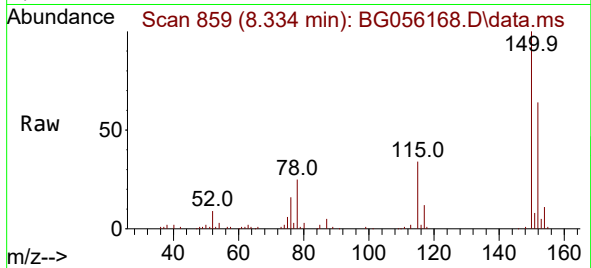




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.334 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG056168.D
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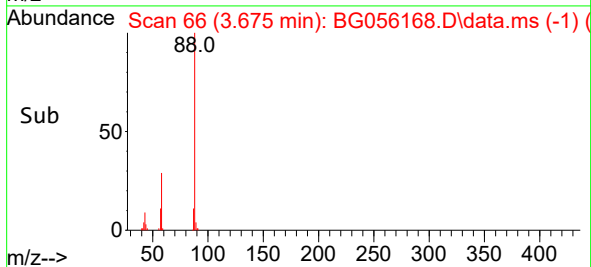
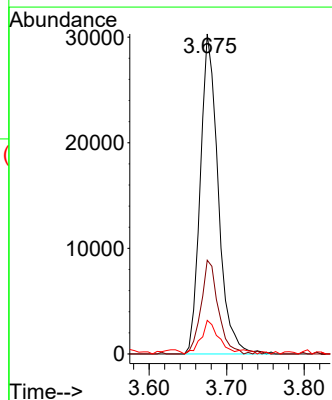
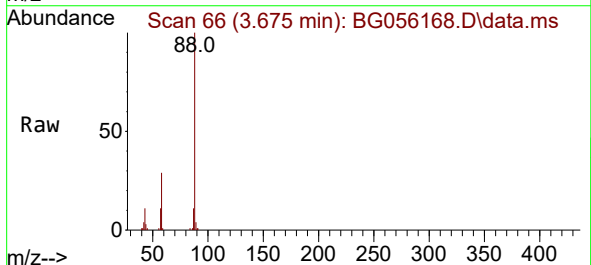
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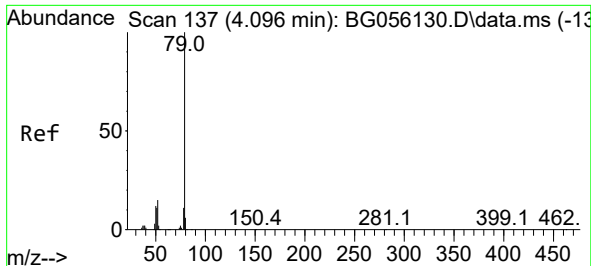
Tgt Ion:152 Resp: 48954
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.9 191.9
 115 53.2 44.2 66.2



#2
 1,4-Dioxane
 Concen: 38.750 ng
 RT: 3.675 min Scan# 66
 Delta R.T. -0.004 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

Tgt Ion: 88 Resp: 48528
 Ion Ratio Lower Upper
 88 100
 58 28.1 21.4 32.0
 43 10.1 7.1 10.7

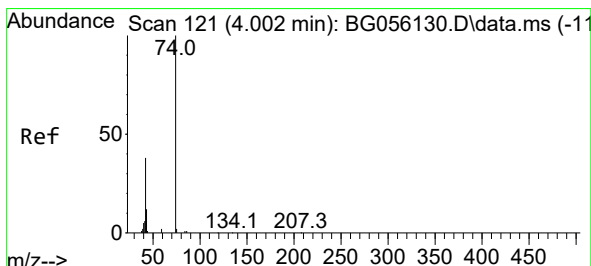
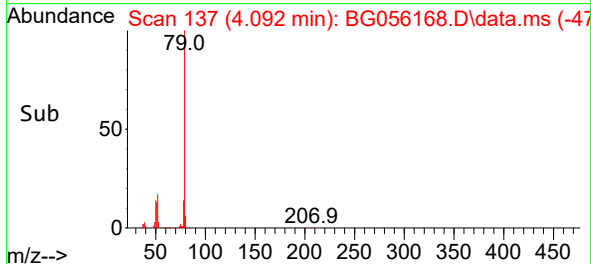
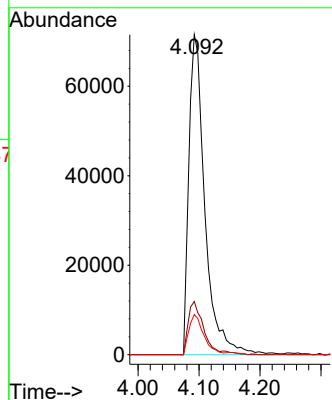
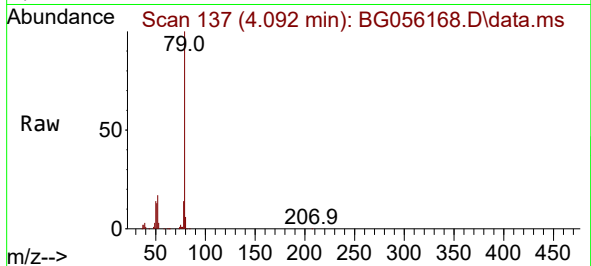




#3
Pyridine
Concen: 34.292 ng
RT: 4.092 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

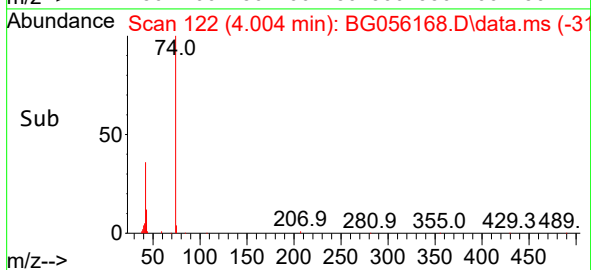
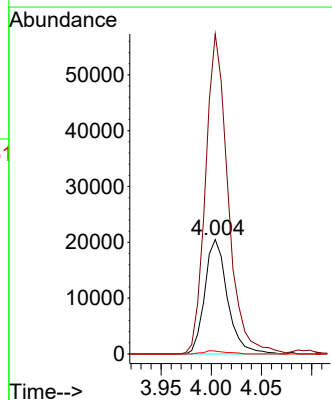
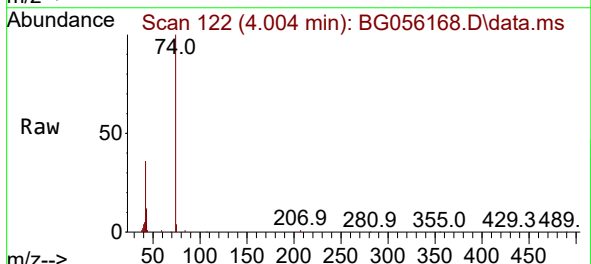
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ClientSampleId :
PB149979BSD

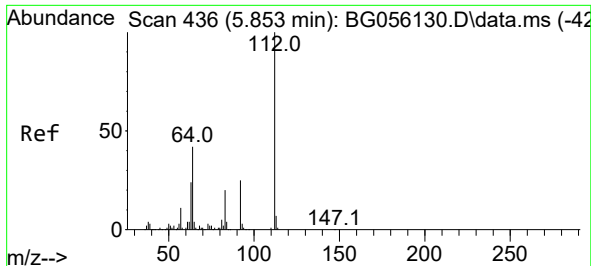
Tgt Ion: 79 Resp: 130797
Ion Ratio Lower Upper
79 100
52 16.6 11.8 17.6
51 12.6 8.8 13.2



#4
n-Nitrosodimethylamine
Concen: 41.489 ng
RT: 4.004 min Scan# 122
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 42 Resp: 32191
Ion Ratio Lower Upper
42 100
74 279.7 212.6 319.0
44 2.5 2.6 3.8

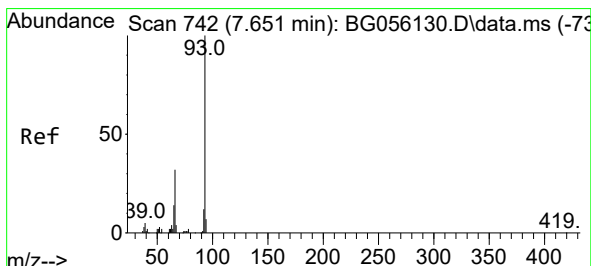
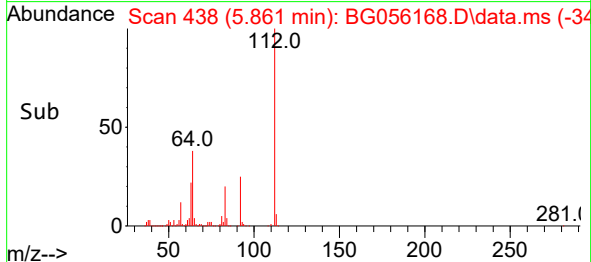
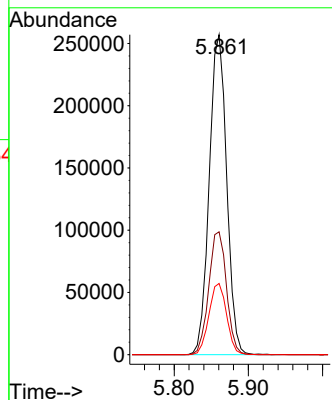
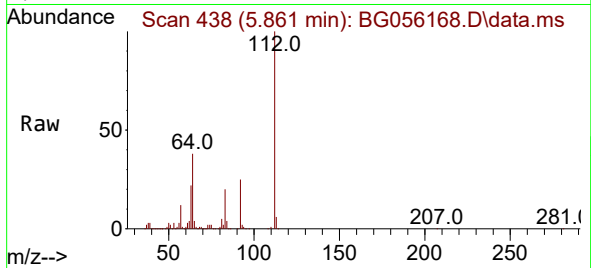




#5
2-Fluorophenol
Concen: 152.993 ng
RT: 5.861 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

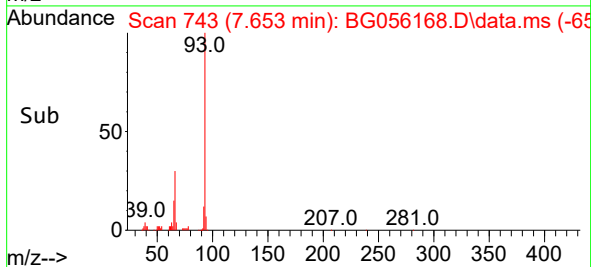
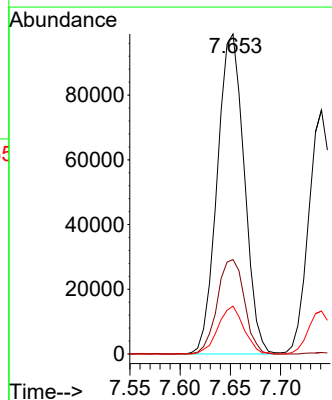
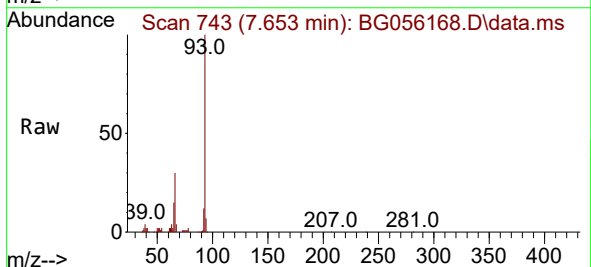
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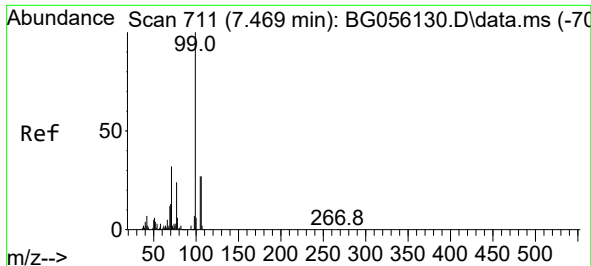
Tgt Ion:112 Resp: 419469
Ion Ratio Lower Upper
112 100
64 38.4 33.3 49.9
63 22.3 19.0 28.4



#6
Aniline
Concen: 33.492 ng
RT: 7.653 min Scan# 743
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 93 Resp: 184932
Ion Ratio Lower Upper
93 100
66 29.5 25.4 38.2
65 15.0 11.4 17.2

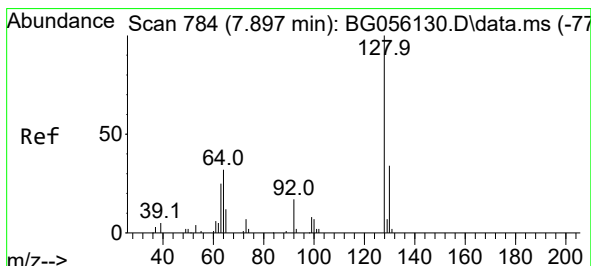
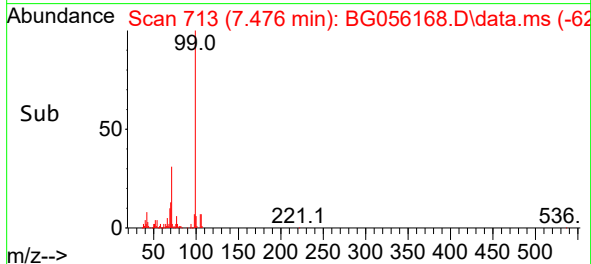
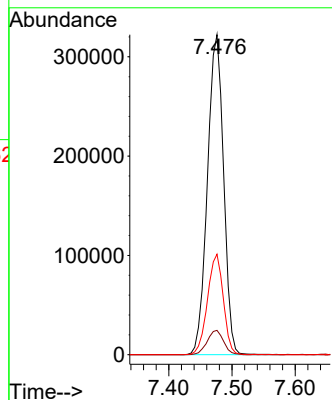
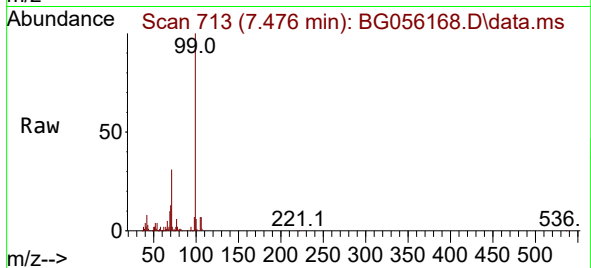




#7
Phenol-d6
Concen: 136.108 ng
RT: 7.476 min Scan# 711
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

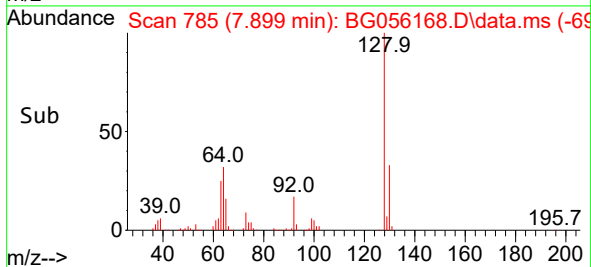
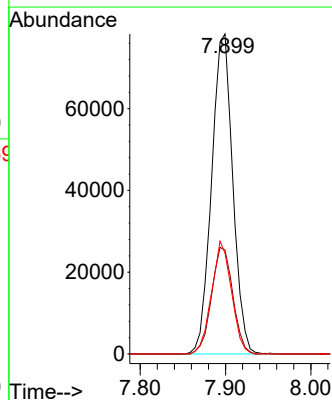
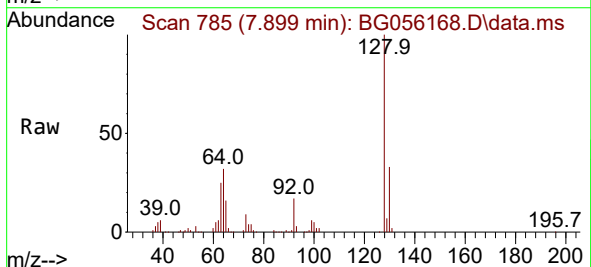
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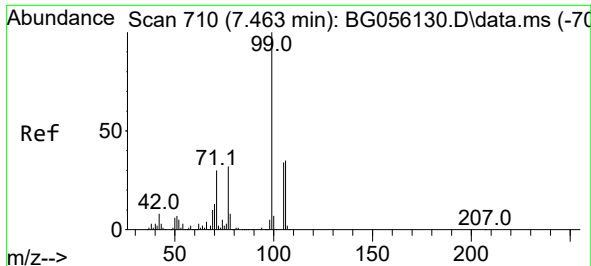
Tgt Ion: 99 Resp: 573090
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 31.4 25.4 38.2



#8
2-Chlorophenol
Concen: 49.430 ng
RT: 7.899 min Scan# 785
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 128 Resp: 134861
Ion Ratio Lower Upper
128 100
130 32.5 13.5 53.5
64 31.5 18.0 58.0

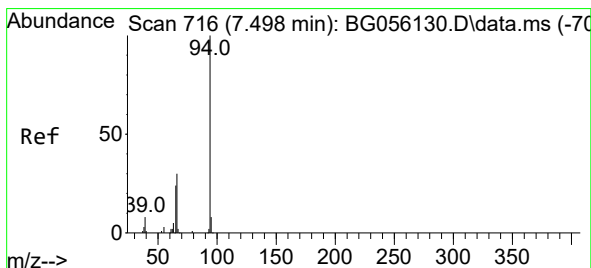
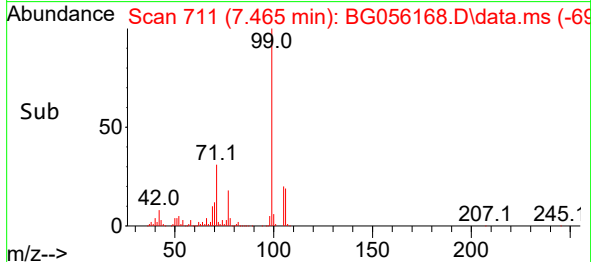
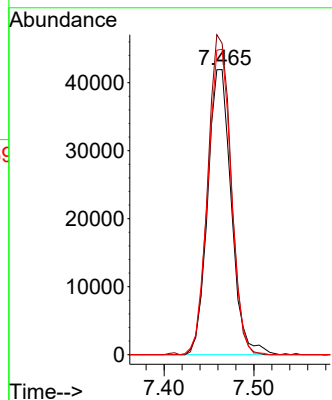
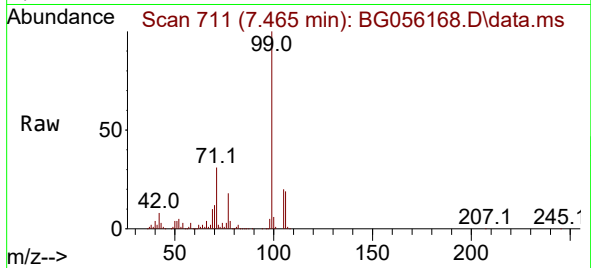




#9
Benzaldehyde
Concen: 30.600 ng
RT: 7.465 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

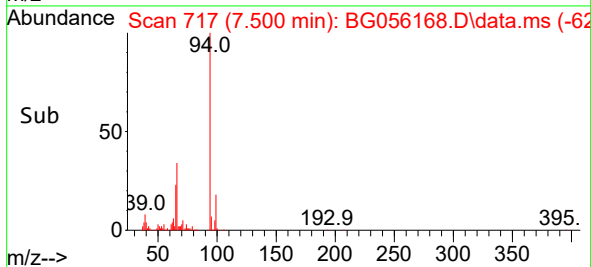
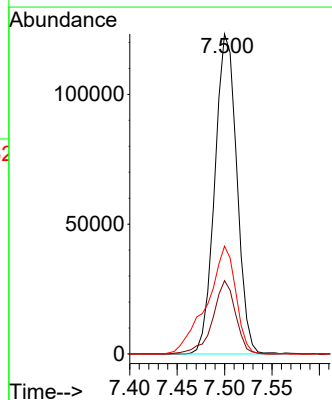
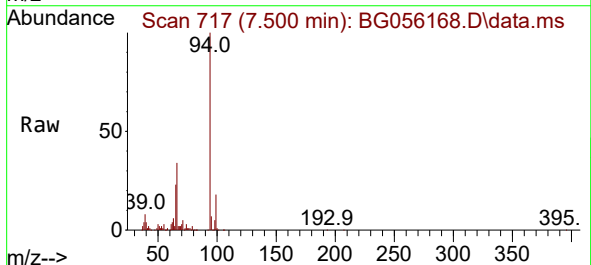
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ClientSampleId :
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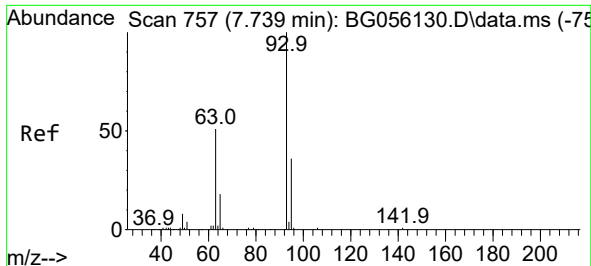
Tgt Ion: 77 Resp: 76609
Ion Ratio Lower Upper
77 100
105 109.2 86.8 126.8
106 107.1 89.3 129.3



#10
Phenol
Concen: 46.649 ng
RT: 7.500 min Scan# 717
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 94 Resp: 199196
Ion Ratio Lower Upper
94 100
65 22.9 4.3 44.3
66 33.7 13.2 53.2

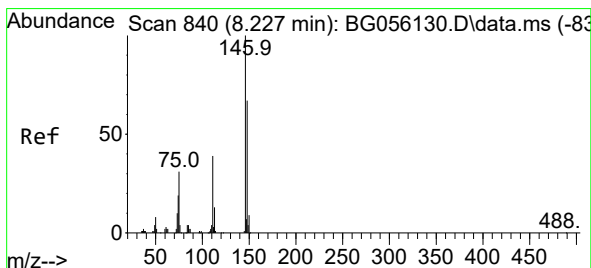
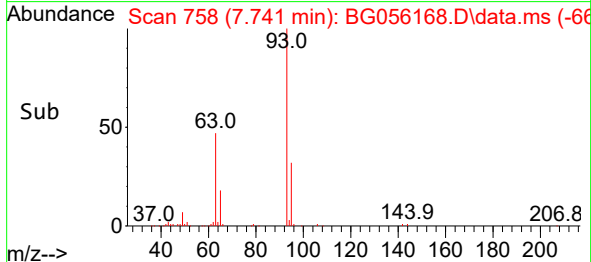
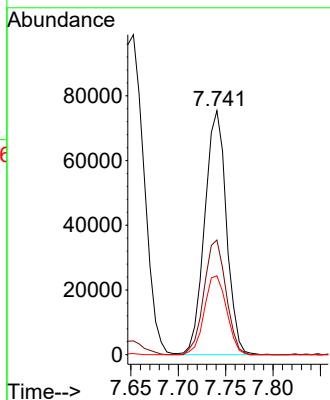
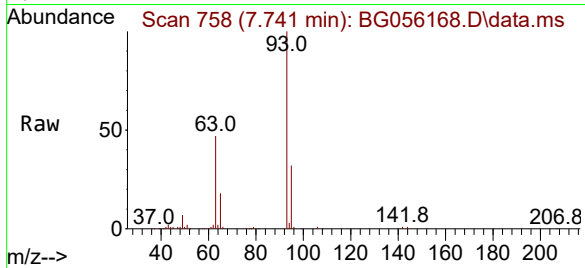




#11
bis(2-Chloroethyl)ether
Concen: 41.455 ng
RT: 7.741 min Scan# 757
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

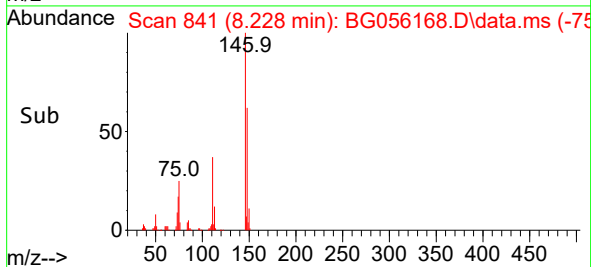
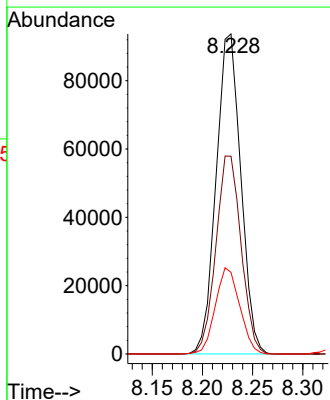
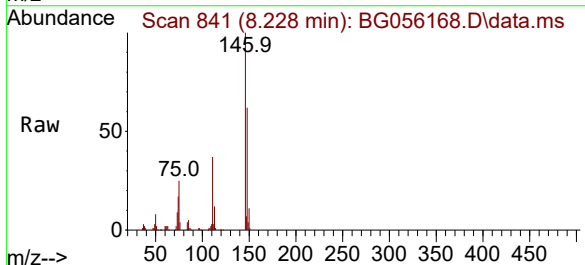
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

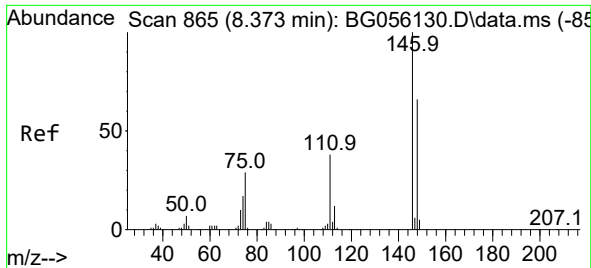
Tgt Ion: 93 Resp: 119960
Ion Ratio Lower Upper
93 100
63 47.0 30.5 70.5
95 32.3 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 48.263 ng
RT: 8.228 min Scan# 841
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 146 Resp: 160260
Ion Ratio Lower Upper
146 100
148 61.8 53.5 80.3
75 25.5 24.8 37.2

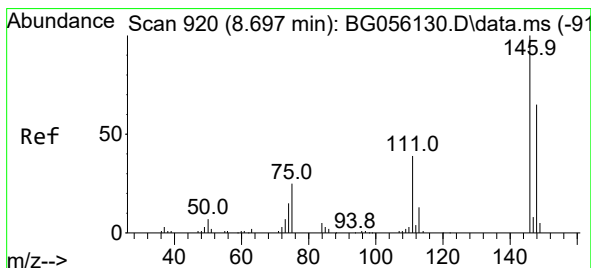
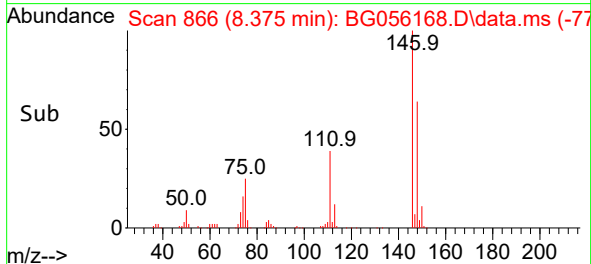
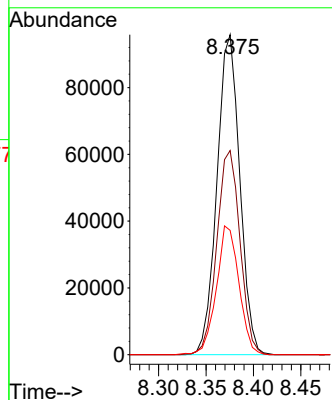
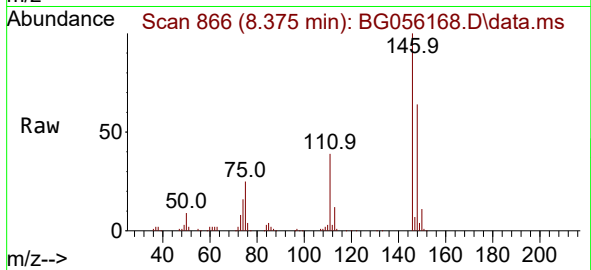




#13
1,4-Dichlorobenzene
Concen: 48.124 ng
RT: 8.375 min Scan# 865
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

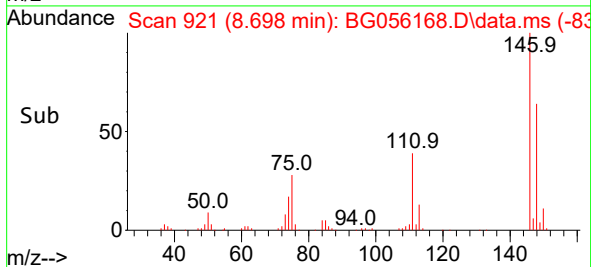
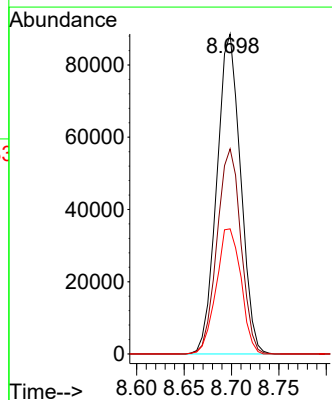
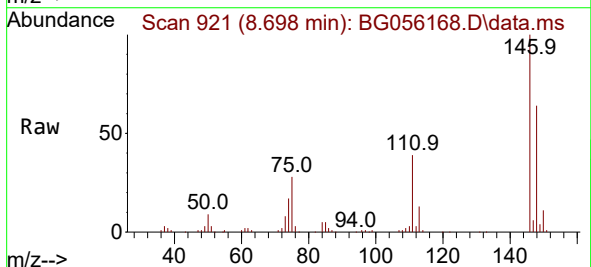
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

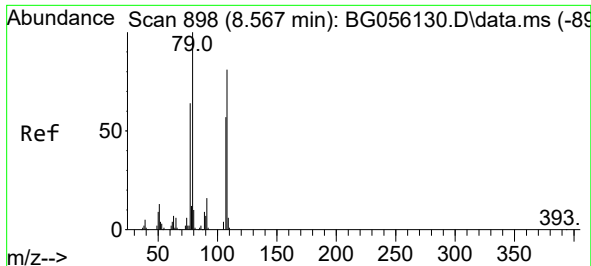
Tgt Ion:146 Resp: 160466
Ion Ratio Lower Upper
146 100
148 63.8 52.8 79.2
111 38.8 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 47.976 ng
RT: 8.698 min Scan# 921
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:146 Resp: 154356
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 39.1 31.5 47.3

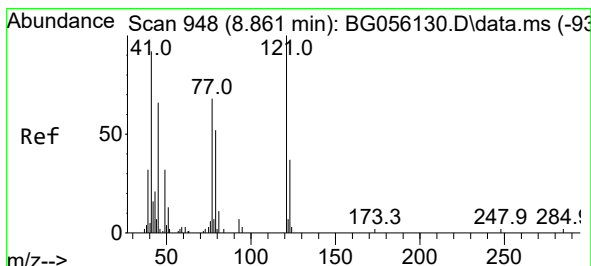
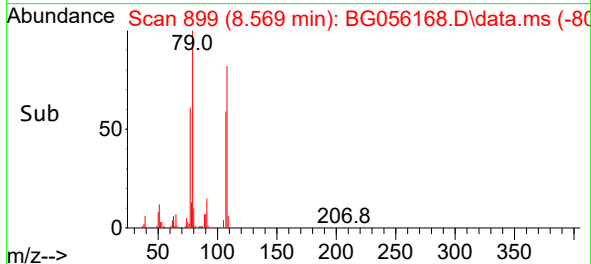
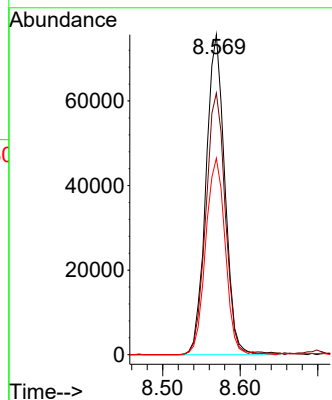
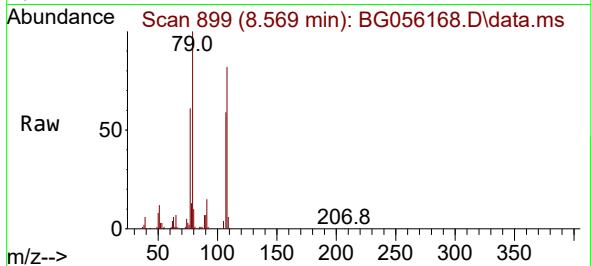




#15
Benzyl Alcohol
Concen: 41.763 ng
RT: 8.569 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

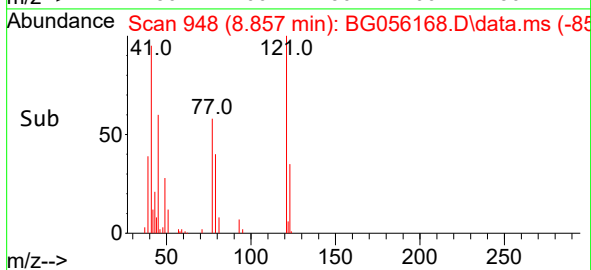
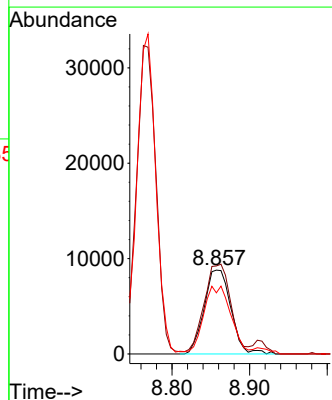
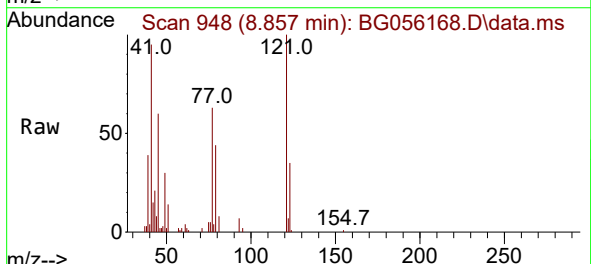
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

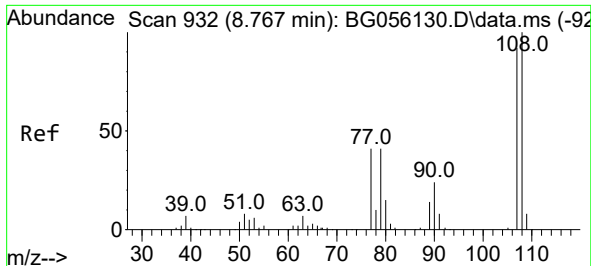
Tgt Ion: 79 Resp: 127979
Ion Ratio Lower Upper
79 100
108 81.7 64.7 97.1
77 61.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.141 ng
RT: 8.857 min Scan# 948
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 45 Resp: 21038
Ion Ratio Lower Upper
45 100
77 105.1 88.2 128.2
79 72.9 61.2 101.2

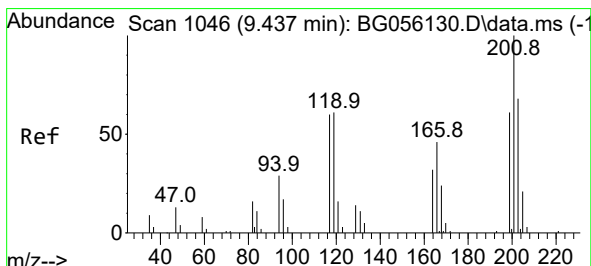
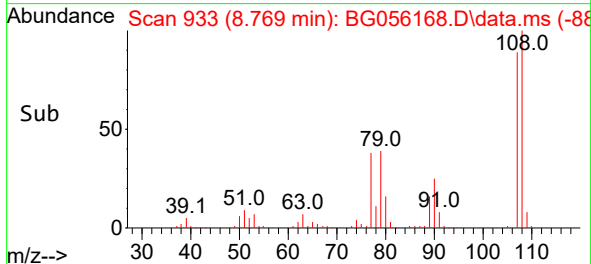
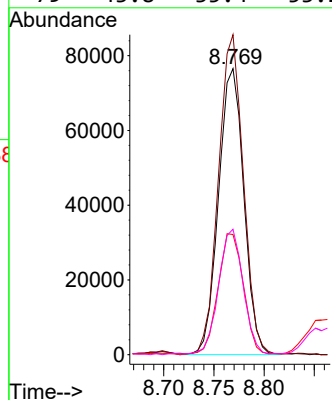
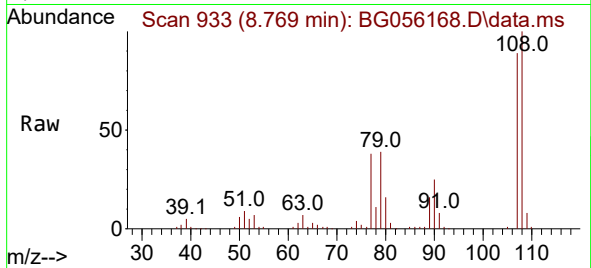




#17
2-Methylphenol
Concen: 42.772 ng
RT: 8.769 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

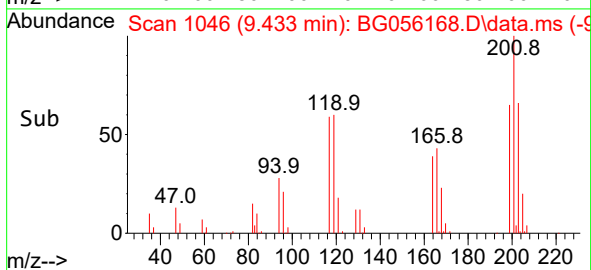
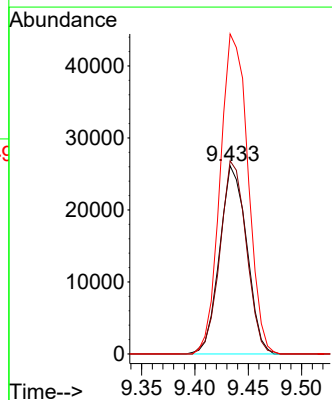
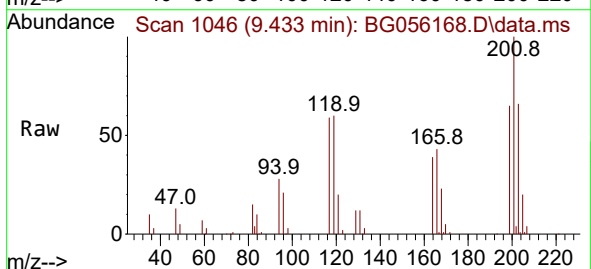
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

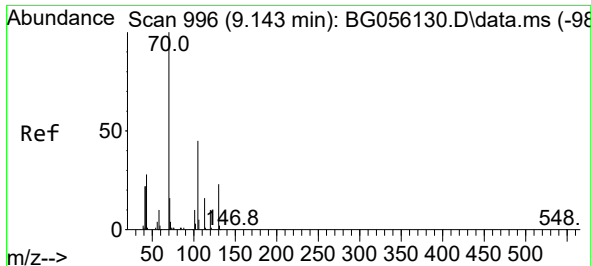
Tgt Ion:107 Resp: 134018
Ion Ratio Lower Upper
107 100
108 111.8 86.6 129.8
77 42.0 35.4 53.2
79 43.8 35.4 53.2



#18
Hexachloroethane
Concen: 45.598 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:117 Resp: 46189
Ion Ratio Lower Upper
117 100
119 102.7 81.8 122.6
201 170.1 134.2 201.2

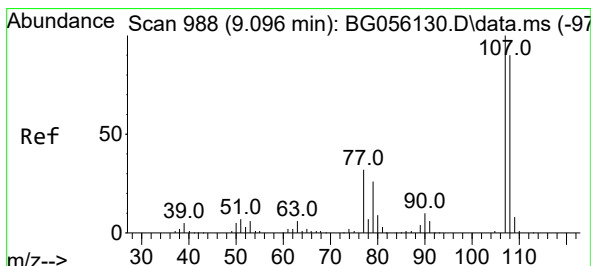
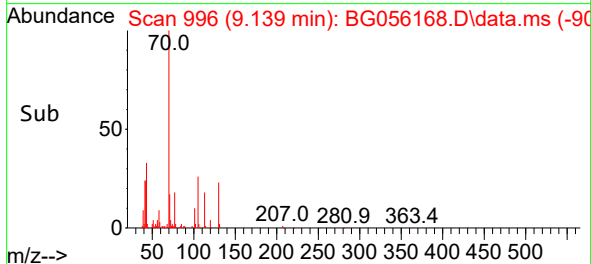
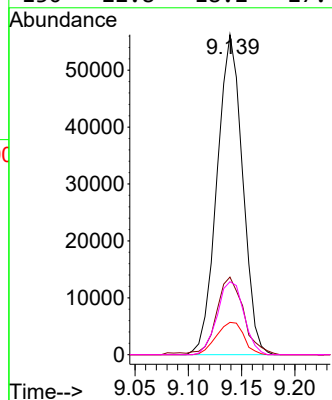
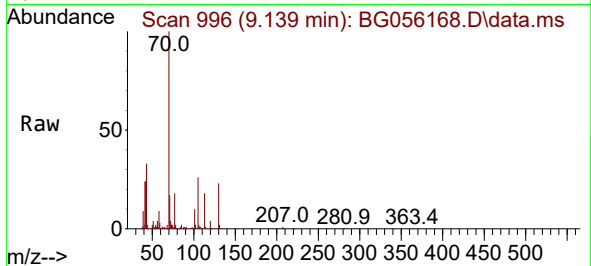




#19
n-Nitroso-di-n-propylamine
Concen: 36.557 ng
RT: 9.139 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

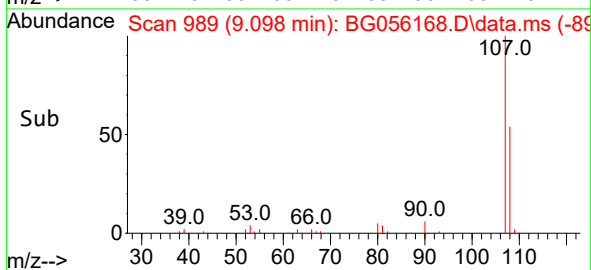
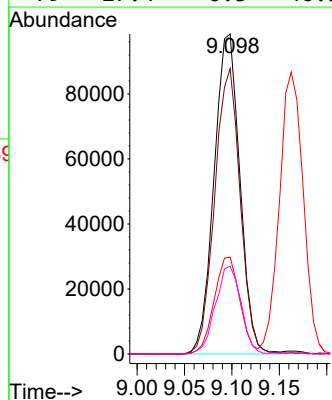
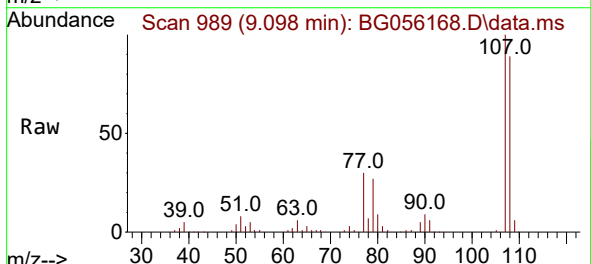
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

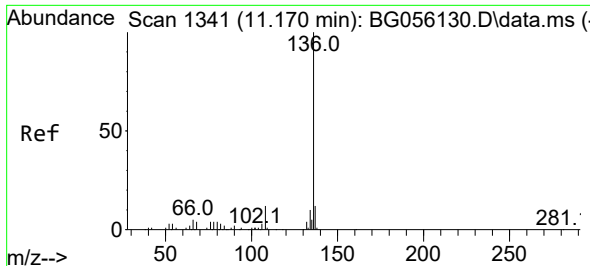
Tgt Ion:	70	Resp:	93601
Ion	Ratio	Lower	Upper
70	100		
42	24.2	18.2	27.2
101	10.1	8.3	12.5
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.232 ng
RT: 9.098 min Scan# 989
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:	107	Resp:	186041
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.6	109.6
77	30.3	11.7	51.7
79	27.4	6.3	46.3

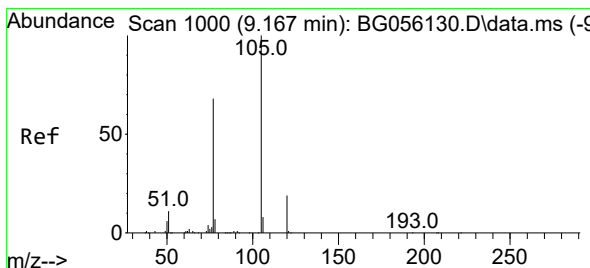
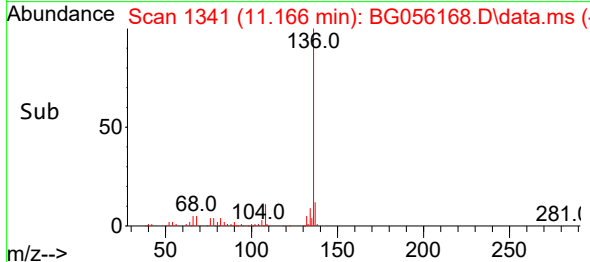
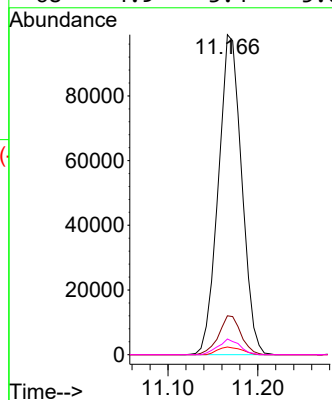
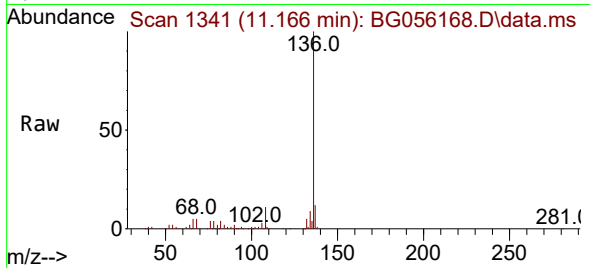




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

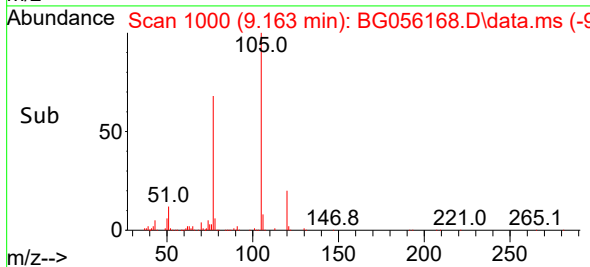
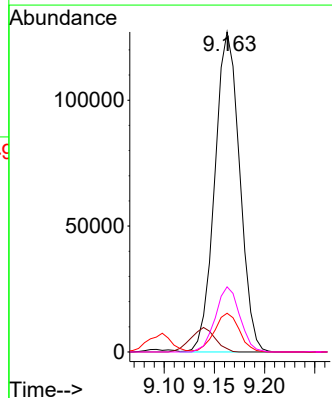
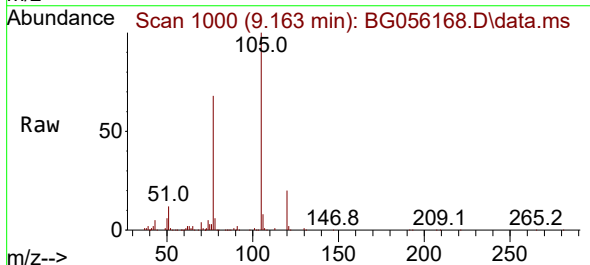
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

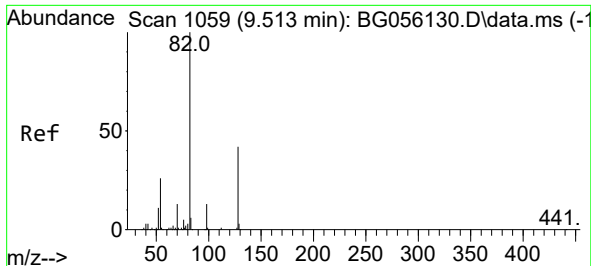
Tgt Ion:136 Resp: 178386
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.4 2.2 3.2
68 4.9 3.4 5.0



#22
Acetophenone
Concen: 43.409 ng
RT: 9.163 min Scan# 1000
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:105 Resp: 218952
Ion Ratio Lower Upper
105 100
71 1.0 0.5 0.7#
51 12.1 9.3 13.9
120 20.3 15.5 23.3

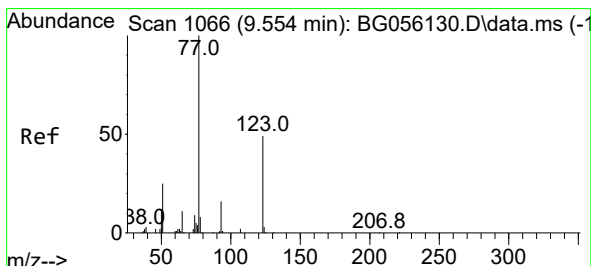
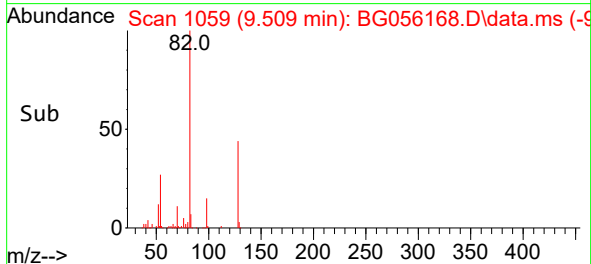
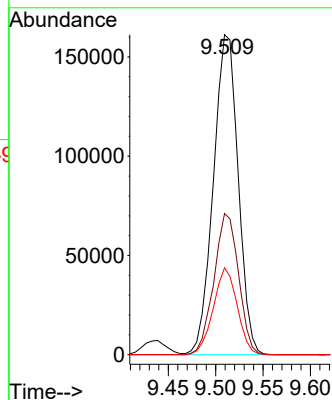
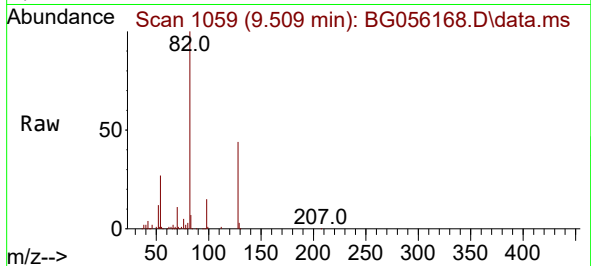




#23
Nitrobenzene-d5
Concen: 84.168 ng
RT: 9.509 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

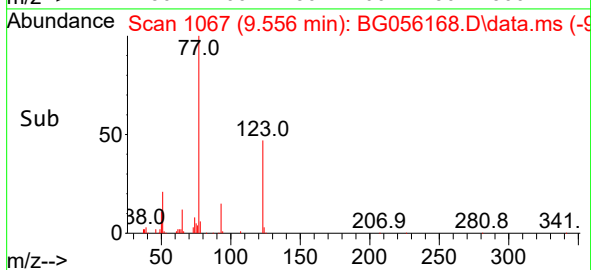
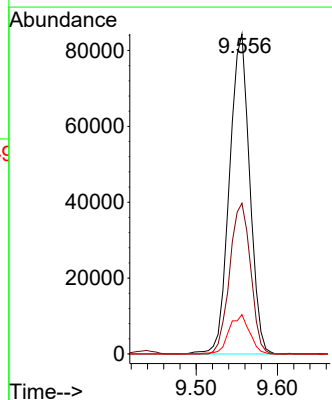
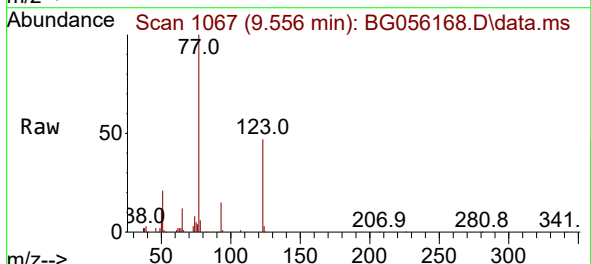
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

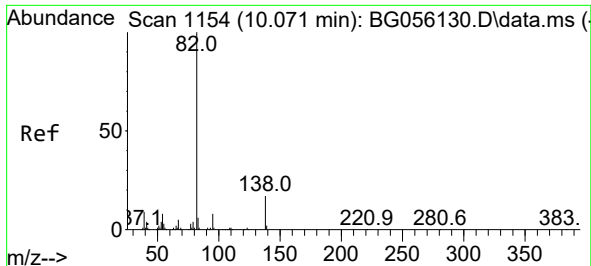
Tgt Ion: 82 Resp: 293527
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 27.1 20.3 30.5



#24
Nitrobenzene
Concen: 42.129 ng
RT: 9.556 min Scan# 1067
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 77 Resp: 145599
Ion Ratio Lower Upper
77 100
123 47.1 38.8 58.2
65 12.3 9.1 13.7

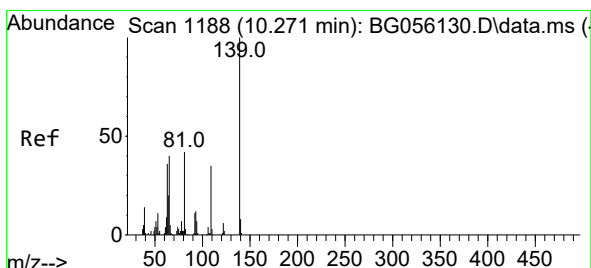
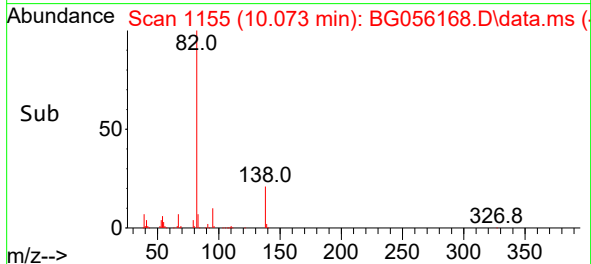
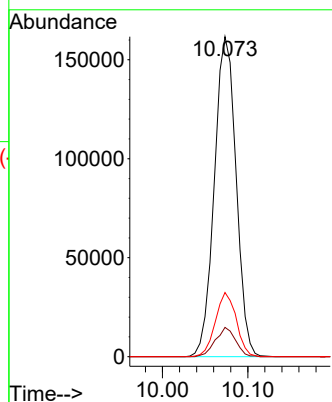
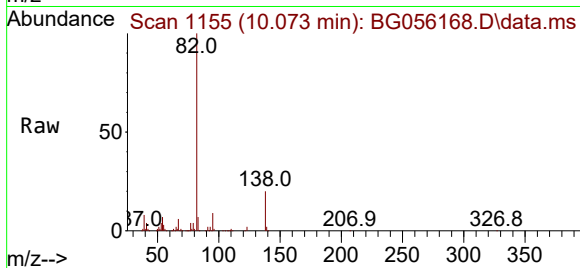




#25
Isophorone
Concen: 39.081 ng
RT: 10.073 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

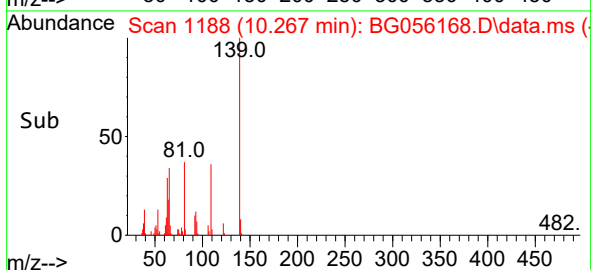
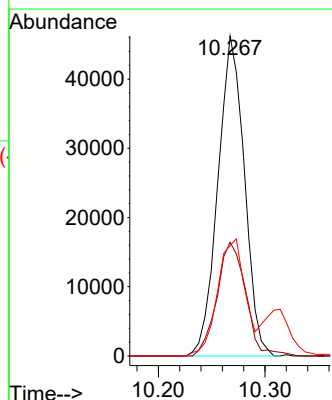
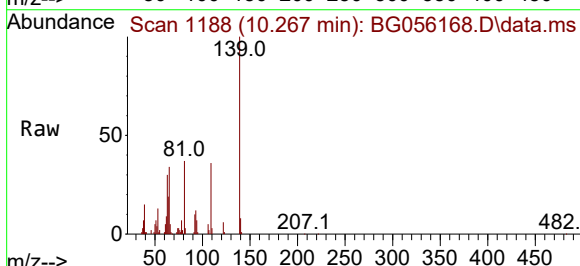
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

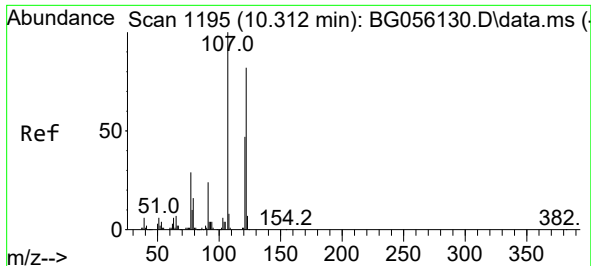
Tgt Ion: 82 Resp: 286758
Ion Ratio Lower Upper
82 100
95 9.2 6.7 10.1
138 20.0 13.7 20.5



#26
2-Nitrophenol
Concen: 45.063 ng
RT: 10.267 min Scan# 1188
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:139 Resp: 79684
Ion Ratio Lower Upper
139 100
109 35.6 28.4 42.6
65 34.5 32.1 48.1

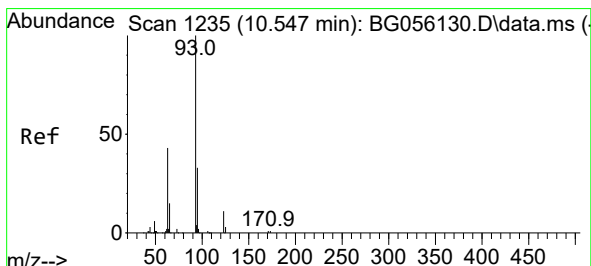
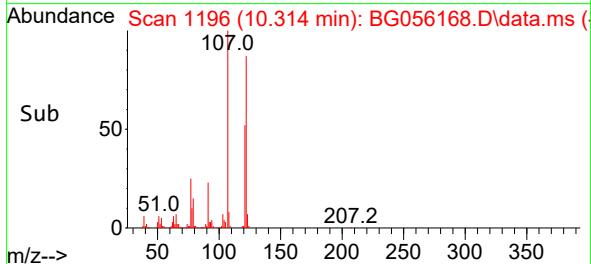
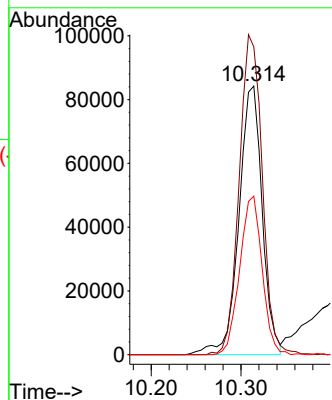
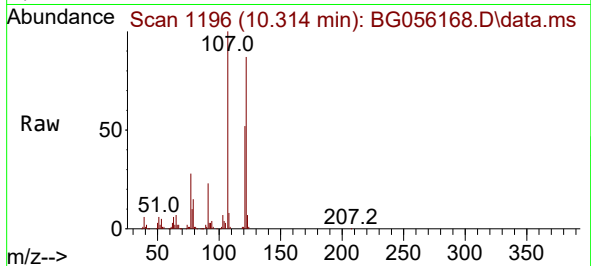




#27
2,4-Dimethylphenol
Concen: 47.131 ng
RT: 10.314 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

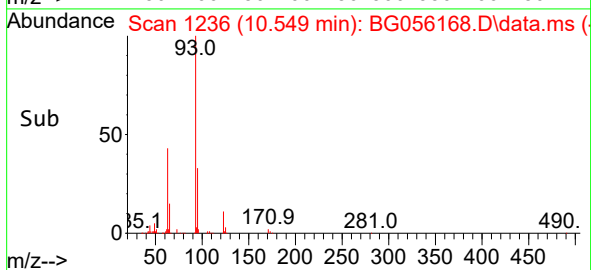
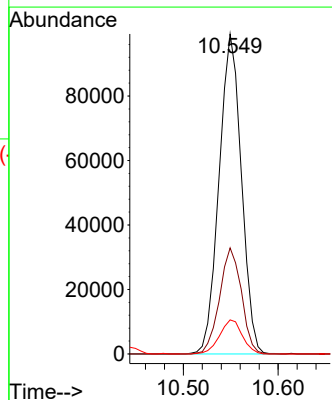
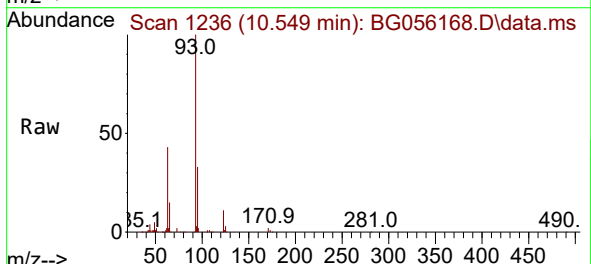
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

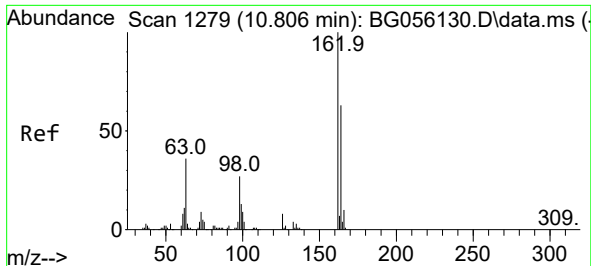
Tgt Ion:122 Resp: 152008
Ion Ratio Lower Upper
122 100
107 114.6 97.5 146.3
121 59.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.584 ng
RT: 10.549 min Scan# 1236
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion: 93 Resp: 162400
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 10.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.569 ng

RT: 10.808 min Scan# 1279

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

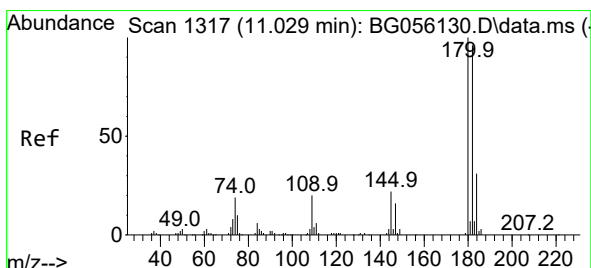
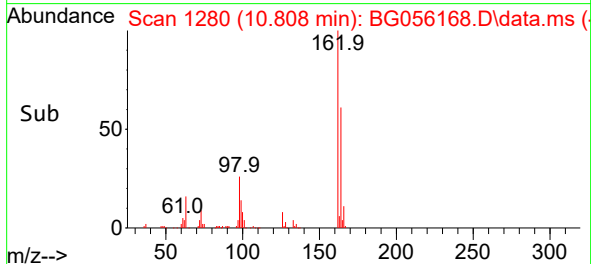
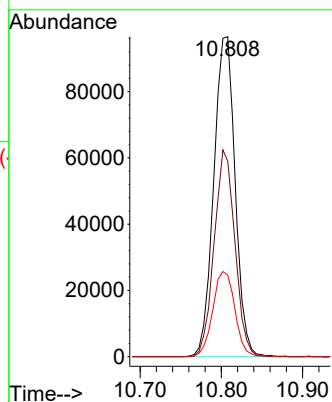
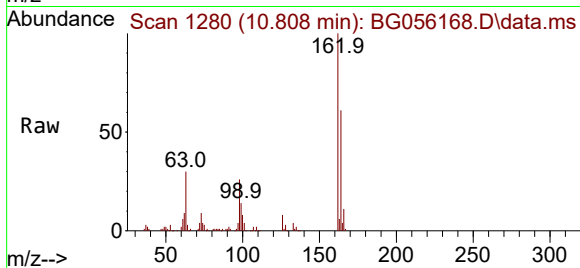
Tgt Ion:162 Resp: 176745

Ion Ratio Lower Upper

162 100

164 61.1 43.3 83.3

98 25.5 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 46.629 ng

RT: 11.025 min Scan# 1317

Delta R.T. -0.004 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

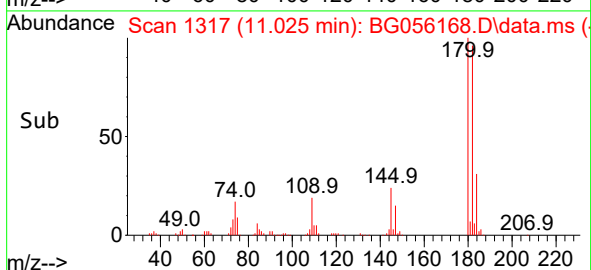
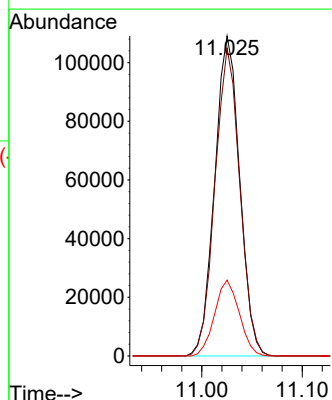
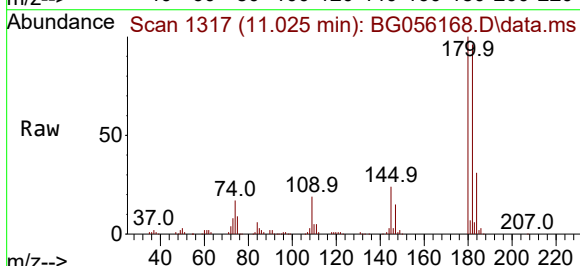
Tgt Ion:180 Resp: 188677

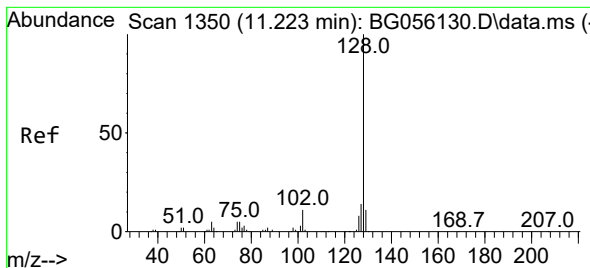
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 23.7 17.4 26.2





#31

Naphthalene

Concen: 44.411 ng

RT: 11.219 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

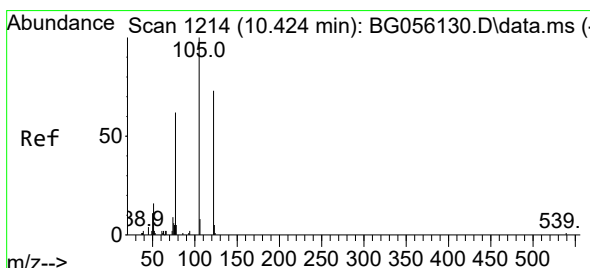
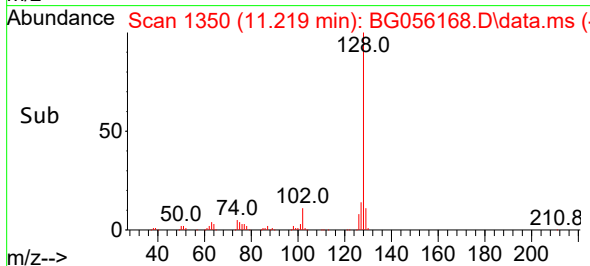
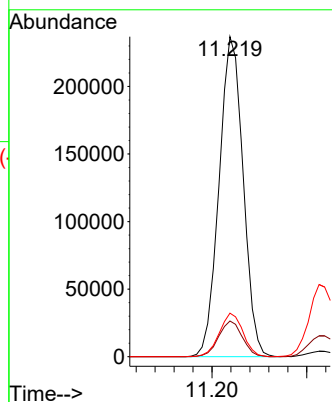
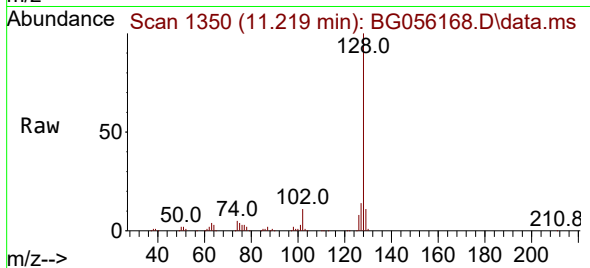
Tgt Ion:128 Resp: 416935

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.6 11.2 16.8



#32

Benzoic acid

Concen: 46.409 ng

RT: 10.438 min Scan# 1217

Delta R.T. 0.014 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

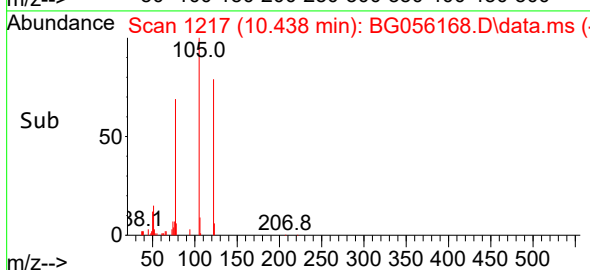
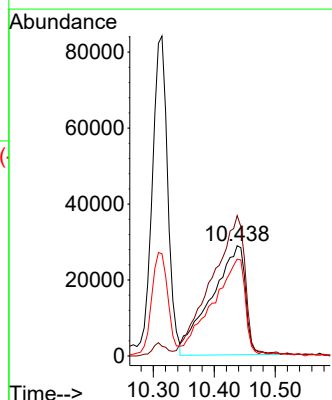
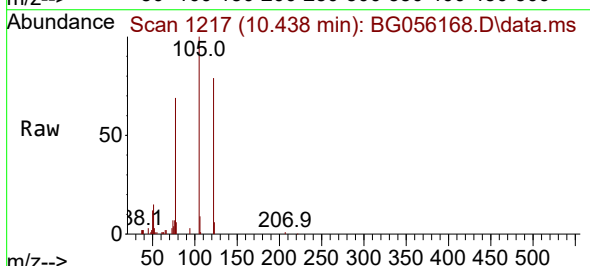
Tgt Ion:122 Resp: 111057

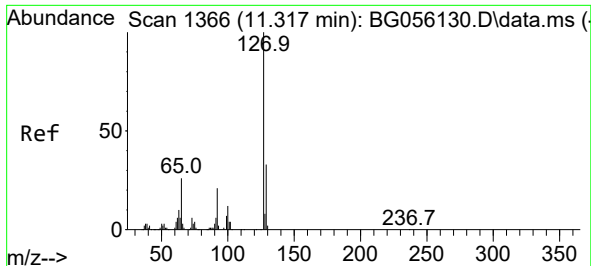
Ion Ratio Lower Upper

122 100

105 127.2 109.0 149.0

77 87.7 63.1 103.1

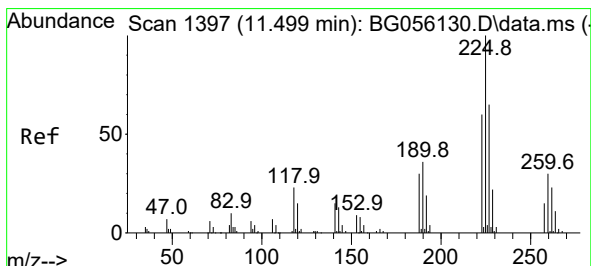
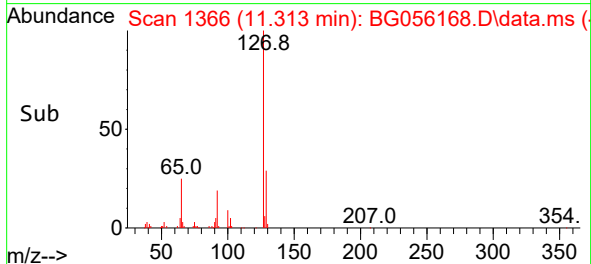
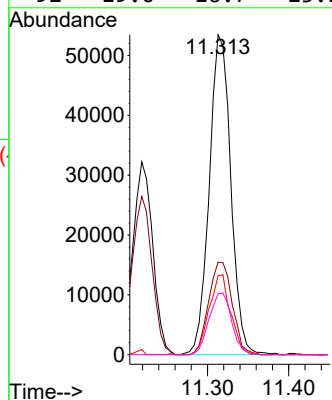
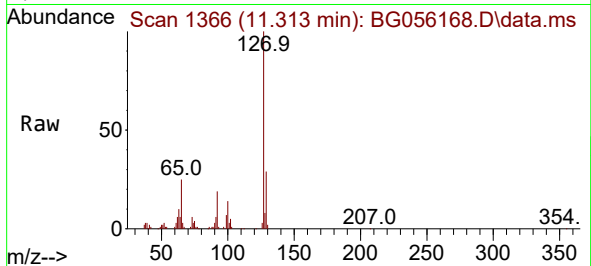




#33
4-Chloroaniline
Concen: 21.991 ng
RT: 11.313 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

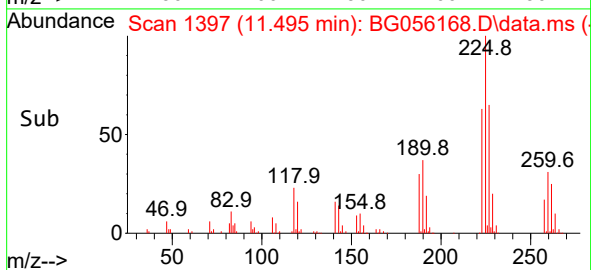
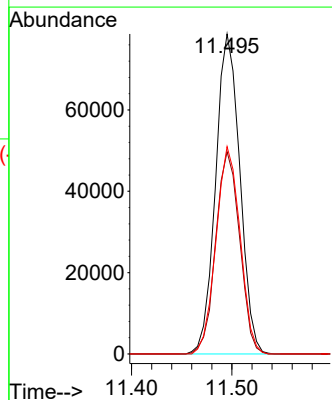
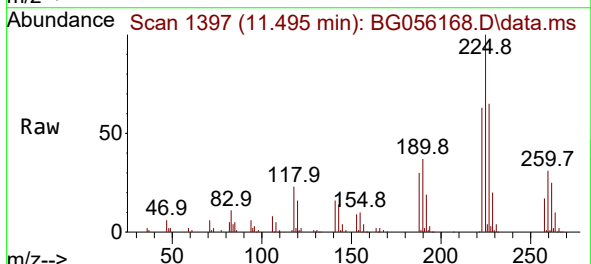
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

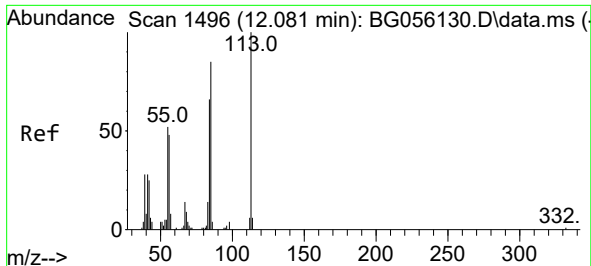
Tgt Ion:127	Resp:	98571
Ion Ratio	Lower	Upper
127	100	
129	28.9	26.1 39.1
65	24.7	20.9 31.3
92	19.0	16.7 25.1



#34
Hexachlorobutadiene
Concen: 45.318 ng
RT: 11.495 min Scan# 1397
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:225	Resp:	131884
Ion Ratio	Lower	Upper
225	100	
223	63.2	47.7 71.5
227	64.8	52.3 78.5

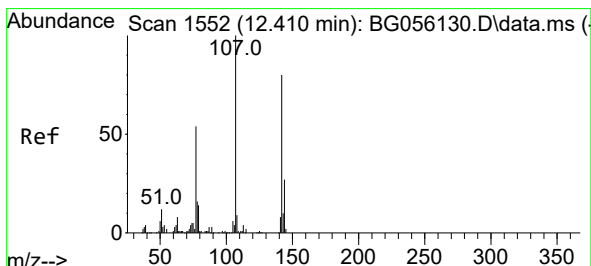
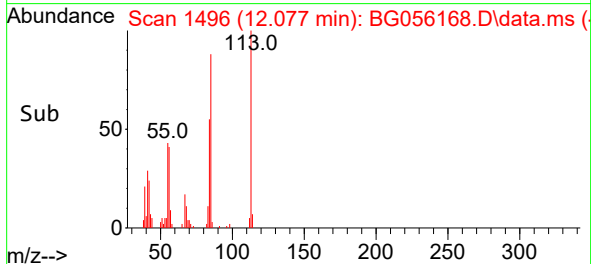
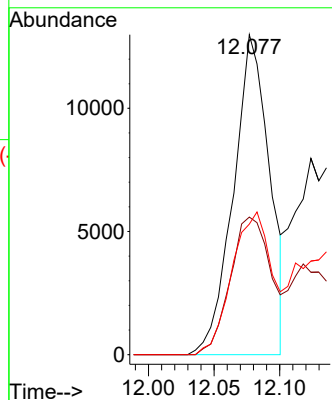
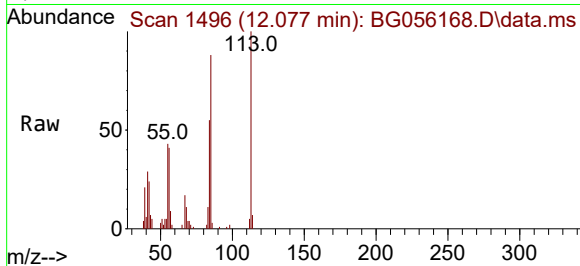




#35
 Caprolactam
 Concen: 20.630 ng
 RT: 12.077 min Scan# 1496
 Delta R.T. -0.004 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

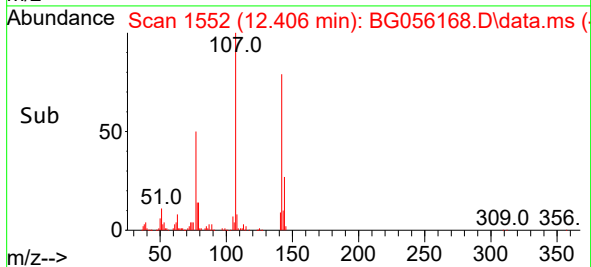
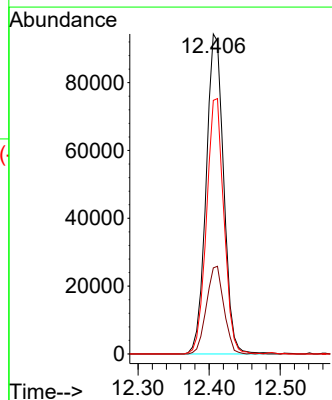
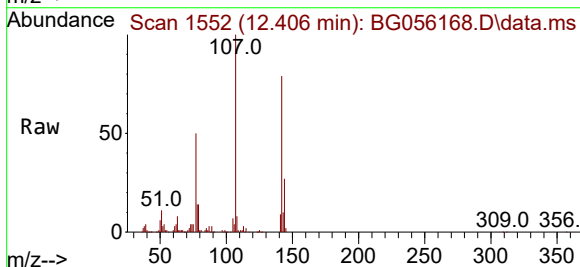
Instrument :
 BNA_G
 ClientSampleId :
 PB149979BSD

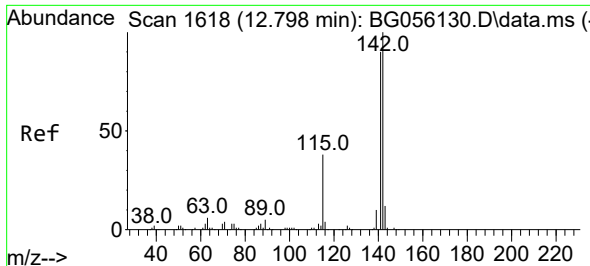
Tgt Ion:113 Resp: 24905
 Ion Ratio Lower Upper
 113 100
 55 43.0 31.9 71.9
 56 40.8 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.788 ng
 RT: 12.406 min Scan# 1552
 Delta R.T. -0.004 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

Tgt Ion:107 Resp: 162047
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.5 32.3
 142 79.2 63.8 95.6

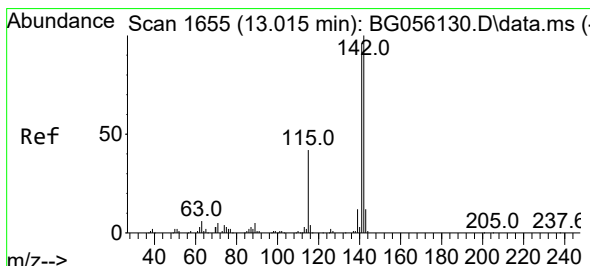
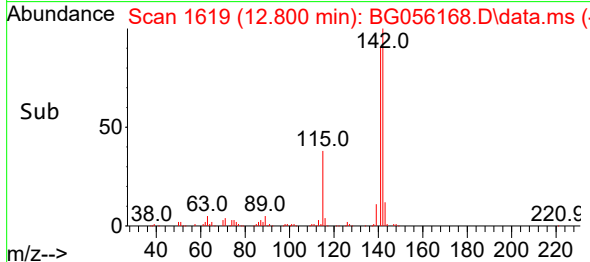
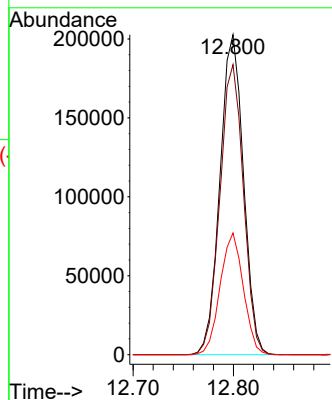
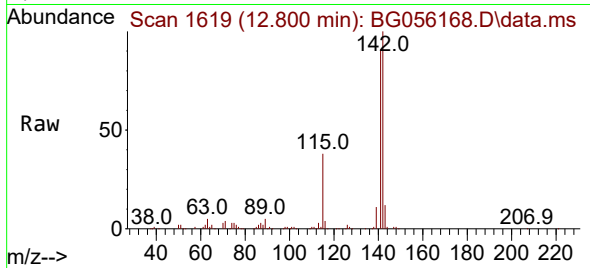




#37
2-Methylnaphthalene
Concen: 41.547 ng
RT: 12.800 min Scan# 1619
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

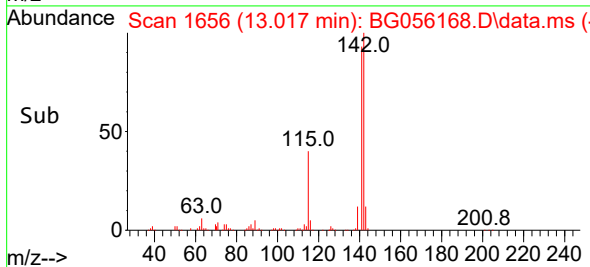
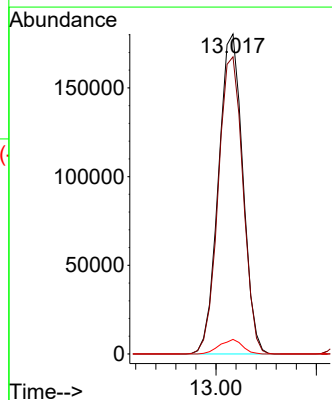
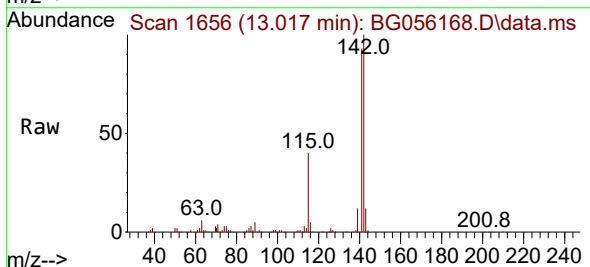
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

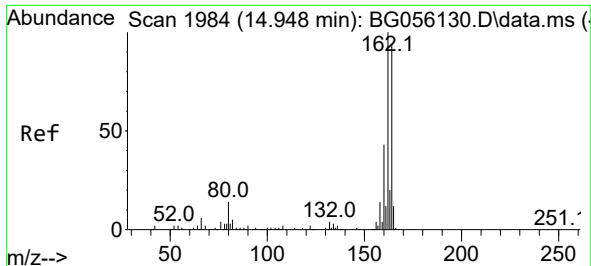
Tgt Ion:142 Resp: 329344
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.4
115 38.1 30.7 46.1



#38
1-Methylnaphthalene
Concen: 41.205 ng
RT: 13.017 min Scan# 1656
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:142 Resp: 303322
Ion Ratio Lower Upper
142 100
141 92.8 77.0 115.6
116 4.5 3.6 5.4

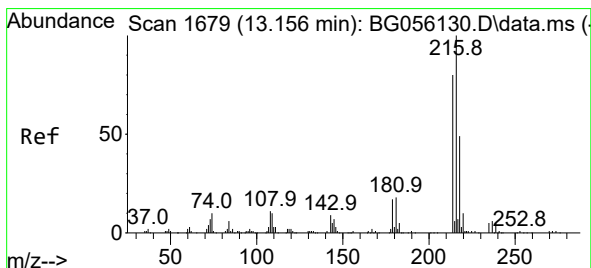
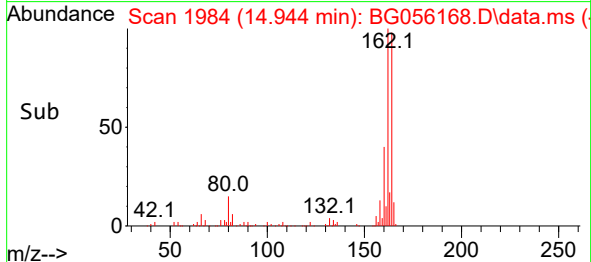
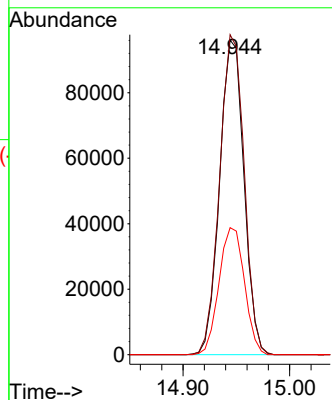
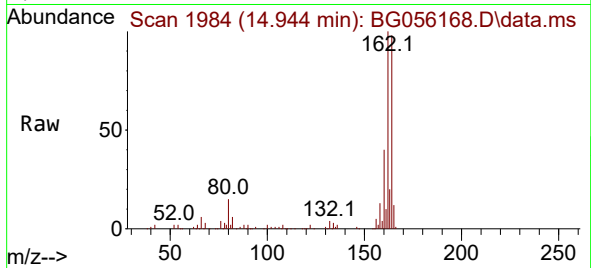




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

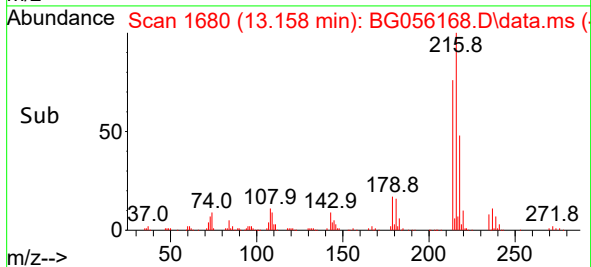
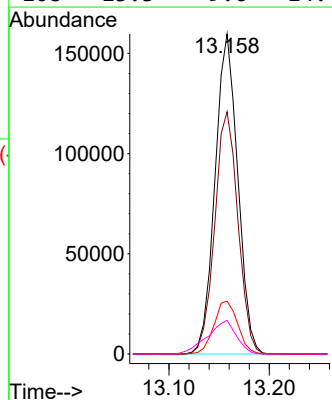
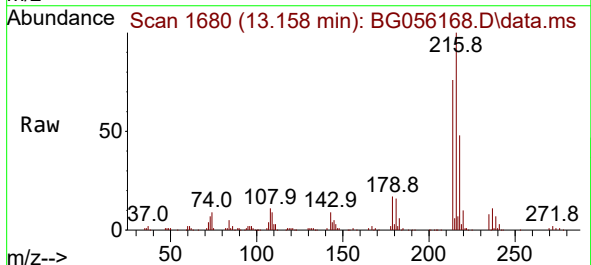
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

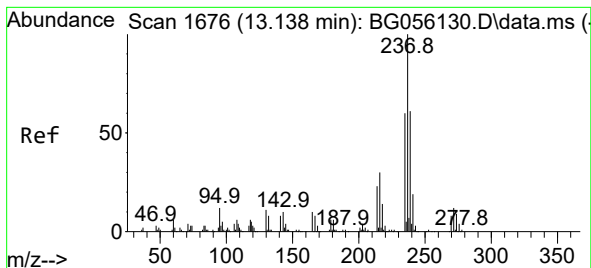
Tgt Ion:164 Resp: 152188
Ion Ratio Lower Upper
164 100
162 101.7 84.7 127.1
160 40.4 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.943 ng
RT: 13.158 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:216 Resp: 250652
Ion Ratio Lower Upper
216 100
214 77.2 63.4 95.0
179 17.3 13.6 20.4
108 13.3 9.6 14.4

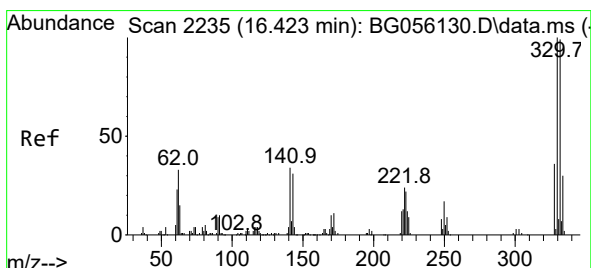
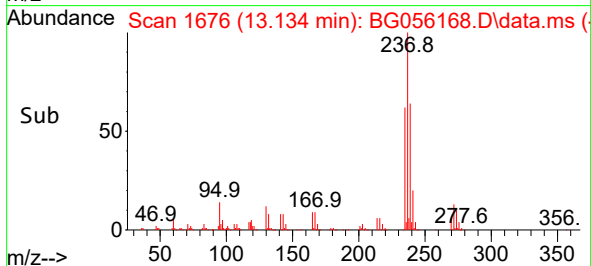
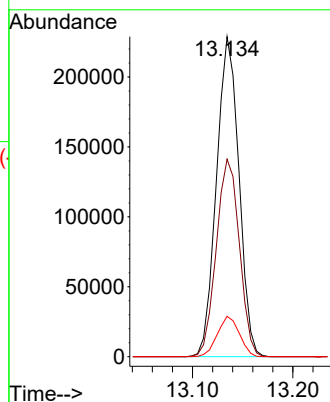
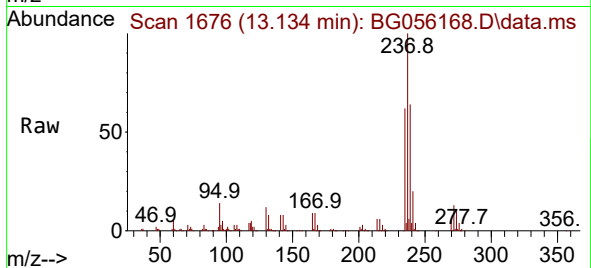




#41
Hexachlorocyclopentadiene
Concen: 109.054 ng
RT: 13.134 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

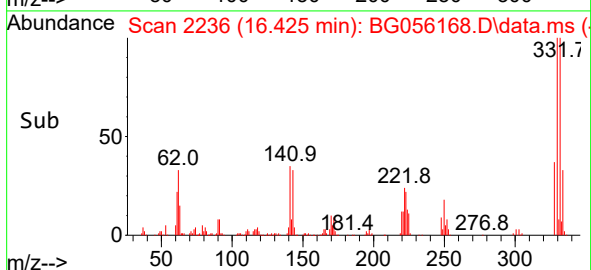
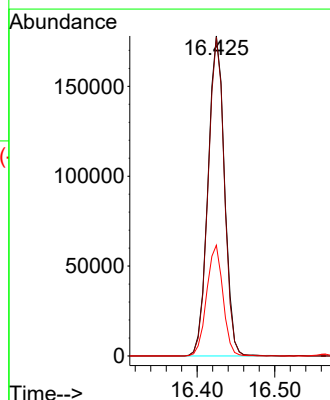
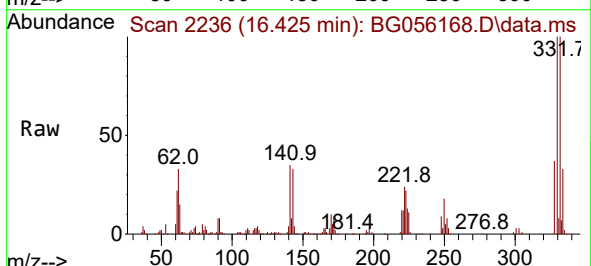
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

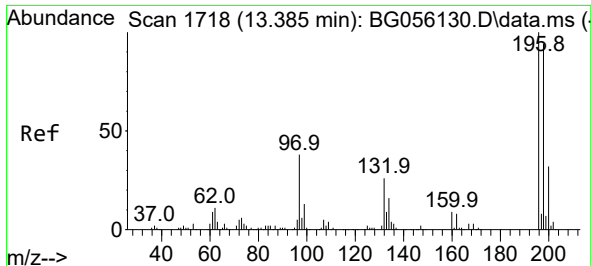
Tgt Ion:237 Resp: 354642
Ion Ratio Lower Upper
237 100
235 61.7 40.3 80.3
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 136.342 ng
RT: 16.425 min Scan# 2236
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:330 Resp: 262790
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 34.1 27.9 41.9





#43

2,4,6-Trichlorophenol

Concen: 46.110 ng

RT: 13.387 min Scan# 1718

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

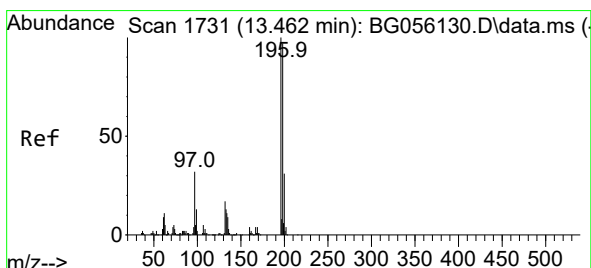
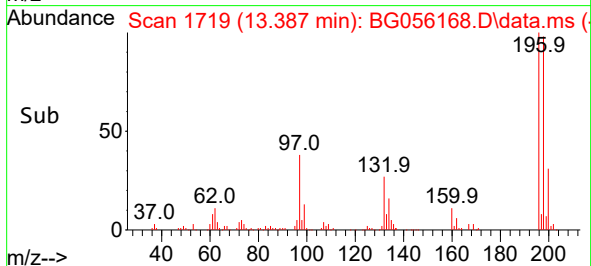
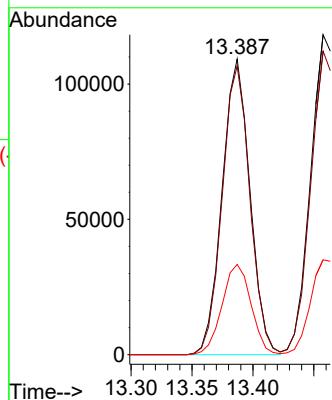
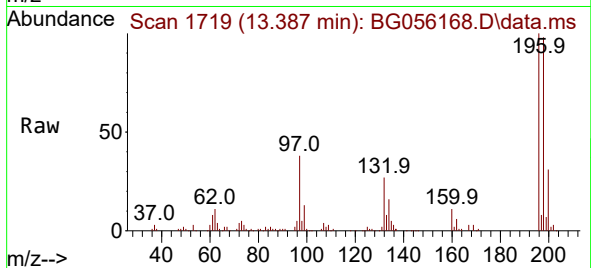
Tgt Ion:196 Resp: 173913

Ion Ratio Lower Upper

196 100

198 97.6 75.5 113.3

200 30.5 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 42.934 ng

RT: 13.458 min Scan# 1731

Delta R.T. -0.004 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Tgt Ion:196 Resp: 191556

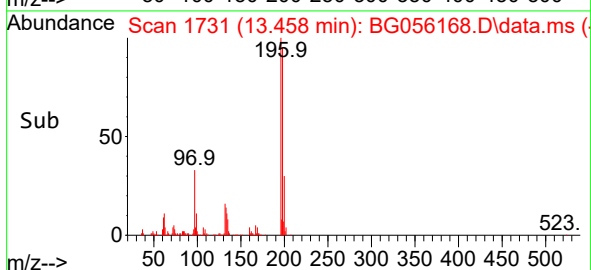
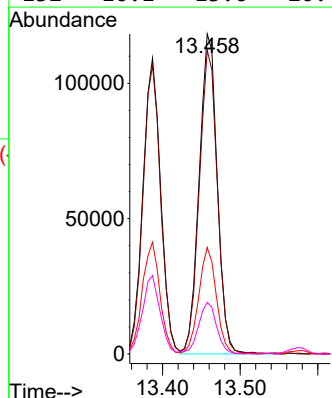
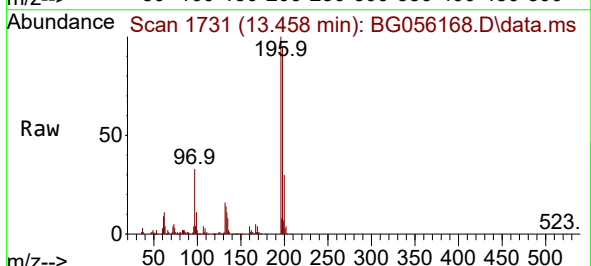
Ion Ratio Lower Upper

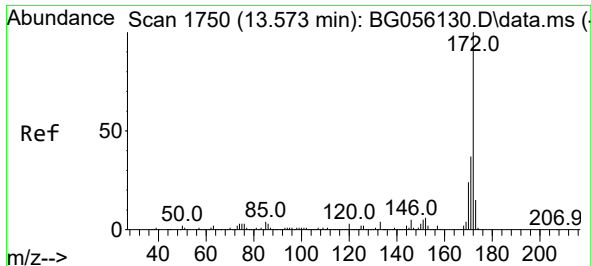
196 100

198 94.9 78.0 117.0

97 33.2 25.7 38.5

132 16.1 13.6 20.4

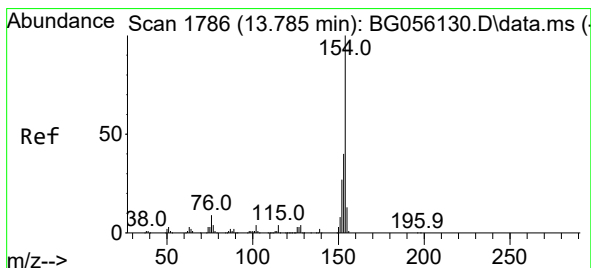
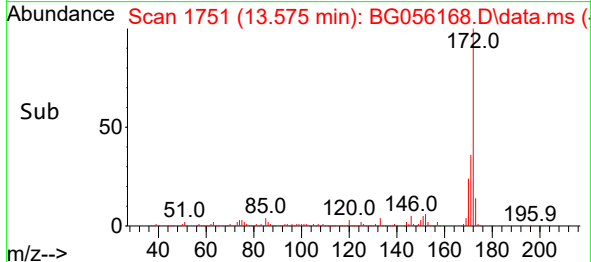
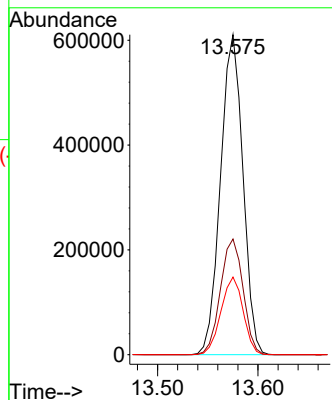
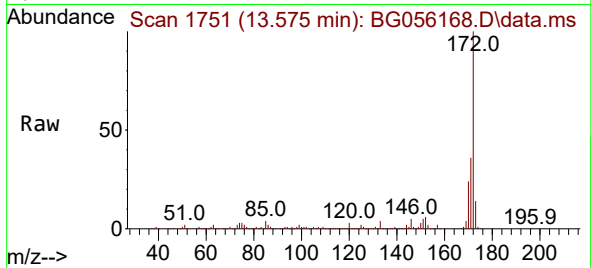




#45
2-Fluorobiphenyl
Concen: 85.826 ng
RT: 13.575 min Scan# 1750
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

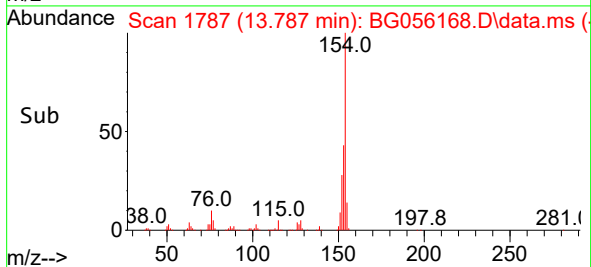
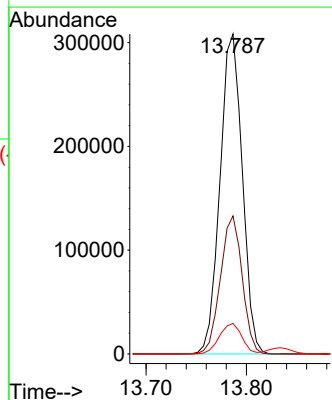
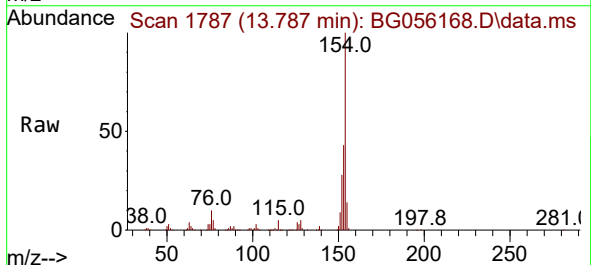
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

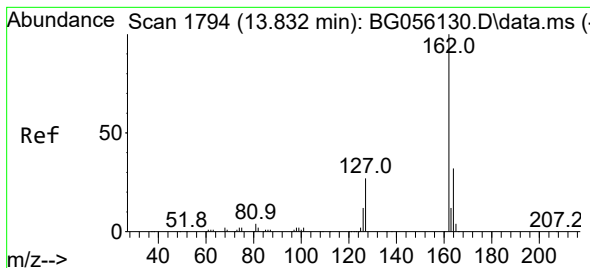
Tgt Ion:172 Resp: 945888
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 43.538 ng
RT: 13.787 min Scan# 1787
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:154 Resp: 474529
Ion Ratio Lower Upper
154 100
153 43.1 20.0 60.0
76 9.6 0.0 29.3





#47

2-Chloronaphthalene

Concen: 44.766 ng

RT: 13.834 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

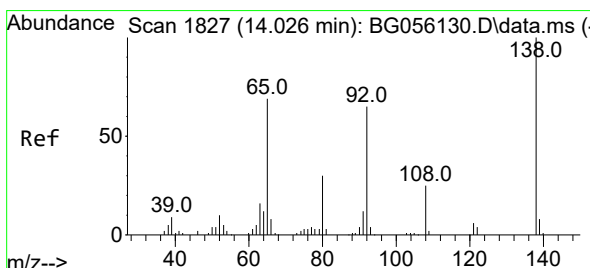
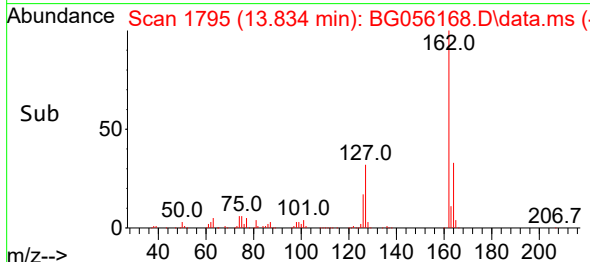
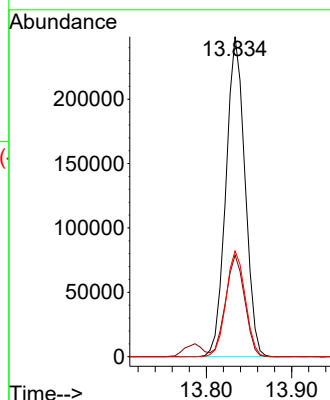
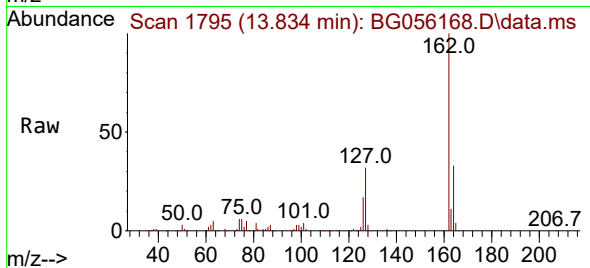
Tgt Ion:162 Resp: 385118

Ion Ratio Lower Upper

162 100

127 31.7 24.6 36.8

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 42.975 ng

RT: 14.028 min Scan# 1828

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

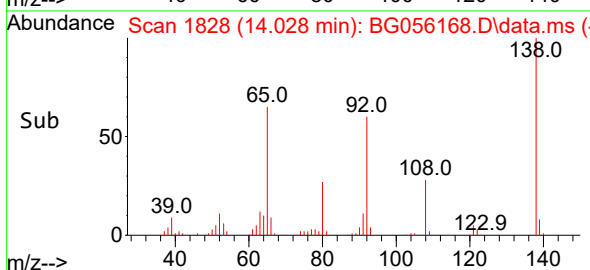
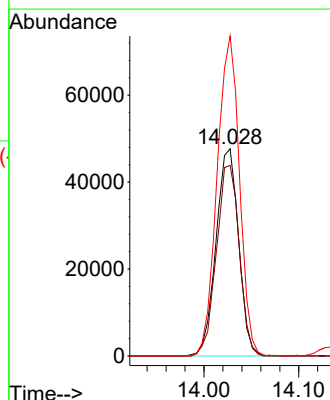
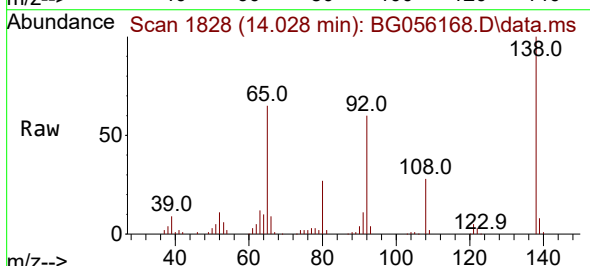
Tgt Ion: 65 Resp: 78772

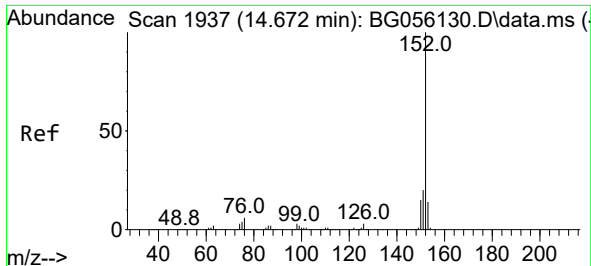
Ion Ratio Lower Upper

65 100

92 92.0 76.0 114.0

138 154.4 116.6 174.8

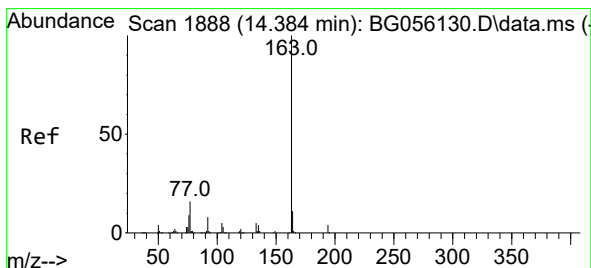
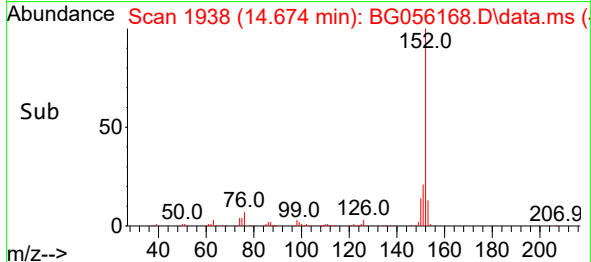
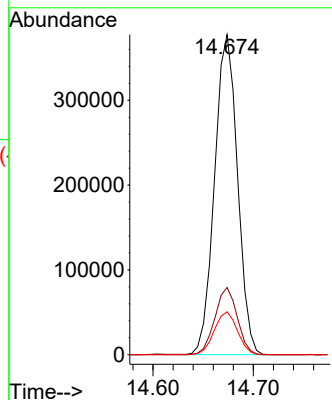
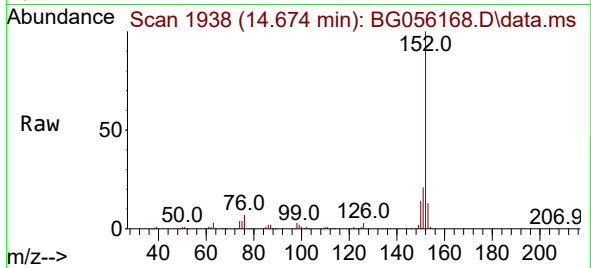




#49
Acenaphthylene
Concen: 42.758 ng
RT: 14.674 min Scan# 1937
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

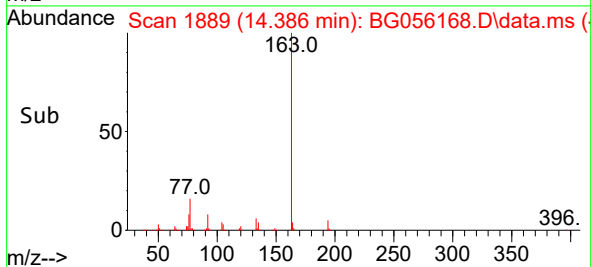
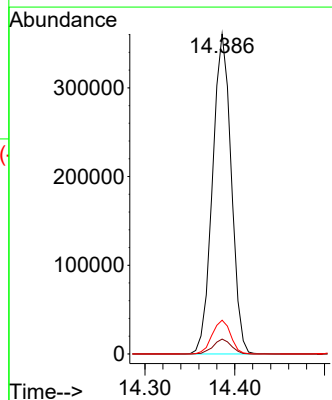
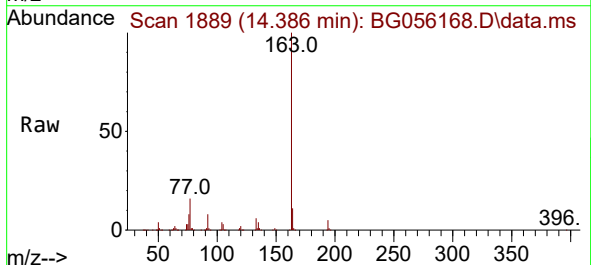
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

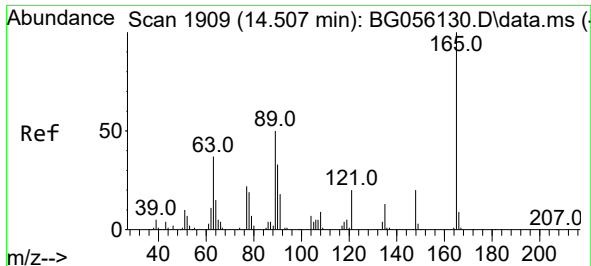
Tgt Ion:152 Resp: 598599
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 42.479 ng
RT: 14.386 min Scan# 1889
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:163 Resp: 521881
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.6 8.7 13.1

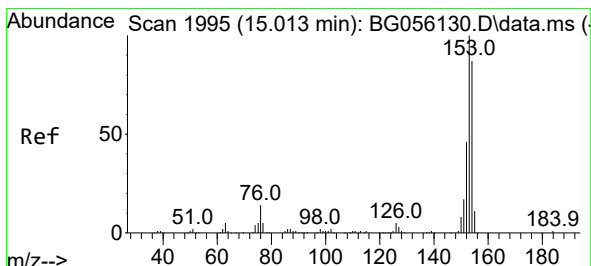
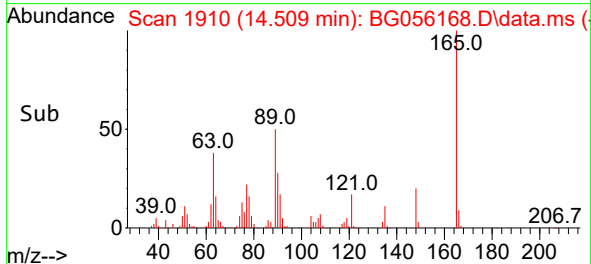
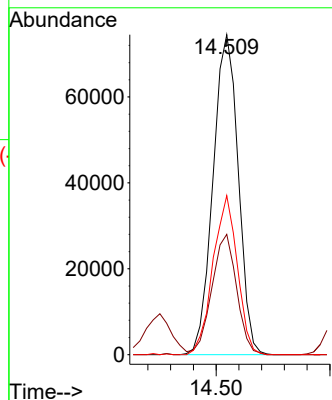
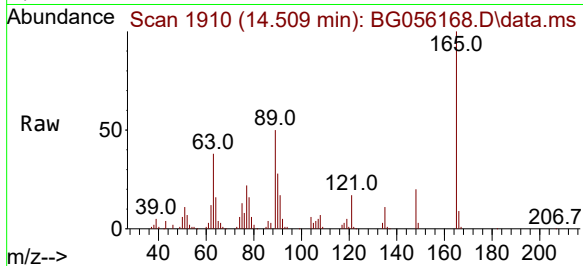




#51
2,6-Dinitrotoluene
Concen: 43.864 ng
RT: 14.509 min Scan# 1909
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

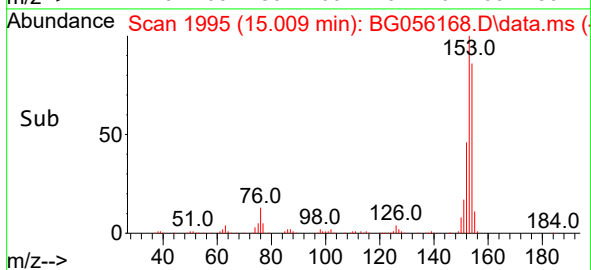
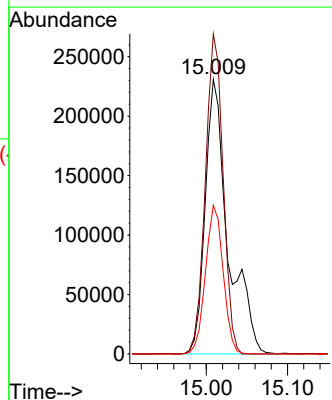
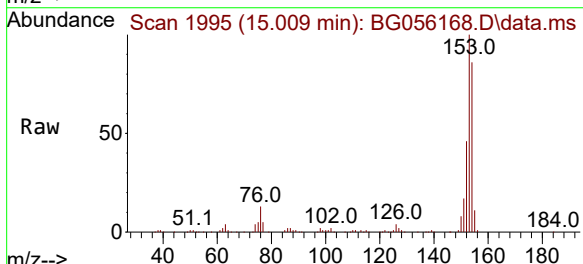
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

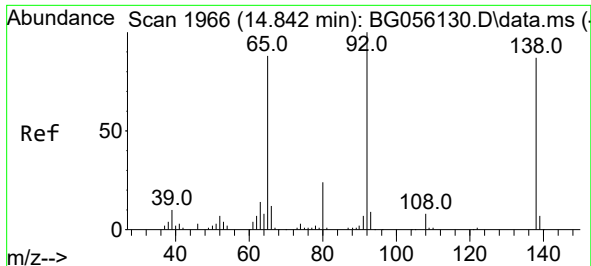
Tgt Ion:165 Resp: 114829
Ion Ratio Lower Upper
165 100
63 37.6 32.2 48.2
89 49.7 39.8 59.8



#52
Acenaphthene
Concen: 49.725 ng
RT: 15.009 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:154 Resp: 452762
Ion Ratio Lower Upper
154 100
153 116.4 92.0 138.0
152 54.1 42.5 63.7

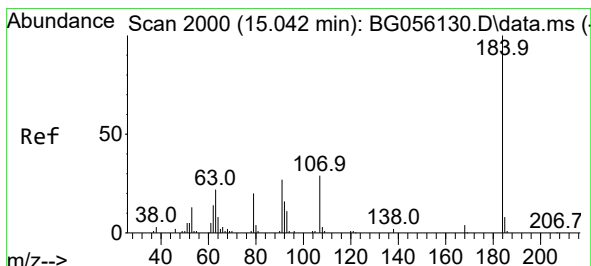
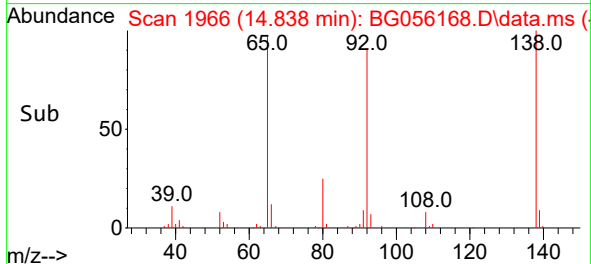
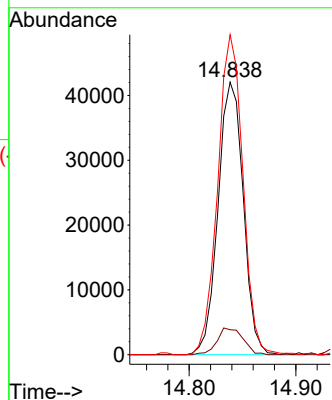
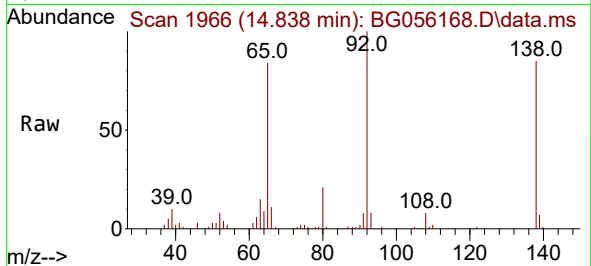




#53
3-Nitroaniline
Concen: 27.743 ng
RT: 14.838 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

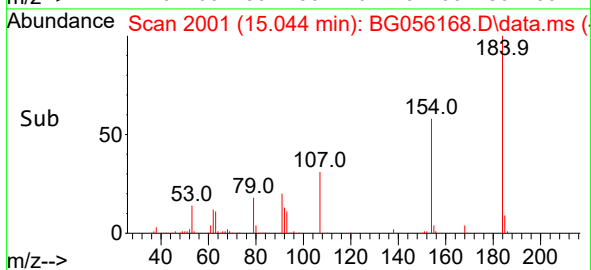
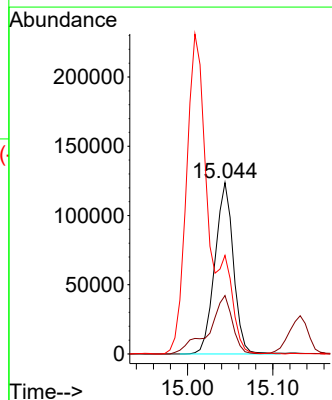
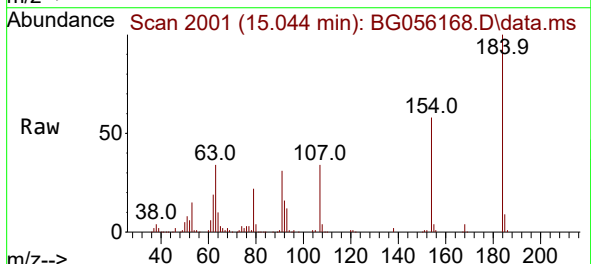
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

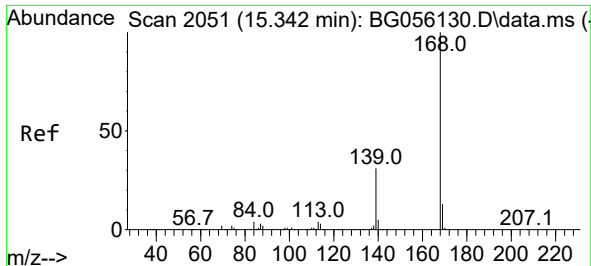
Tgt Ion:138 Resp: 69119
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 117.5 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 99.623 ng
RT: 15.044 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:184 Resp: 186309
Ion Ratio Lower Upper
184 100
63 34.1 24.0 36.0
154 57.5 45.4 68.0

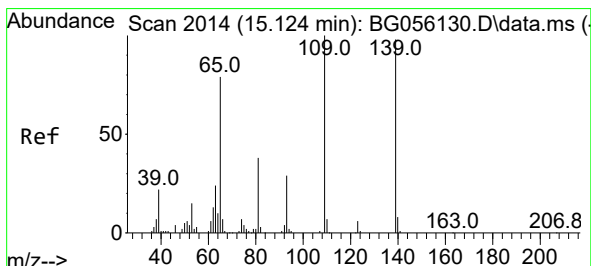
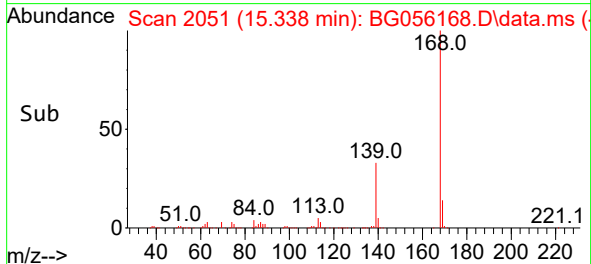
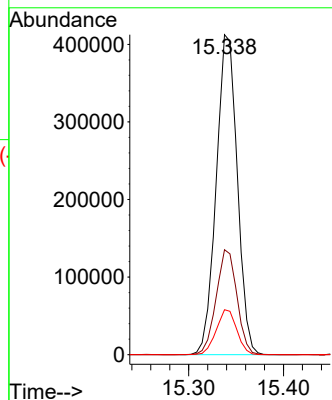
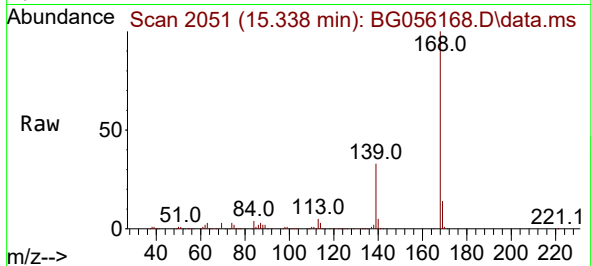




#55
Dibenzenofuran
Concen: 42.308 ng
RT: 15.338 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

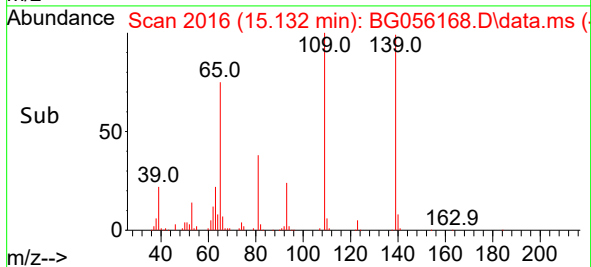
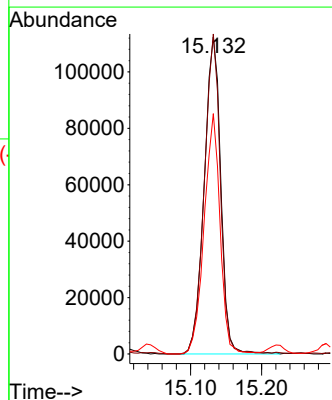
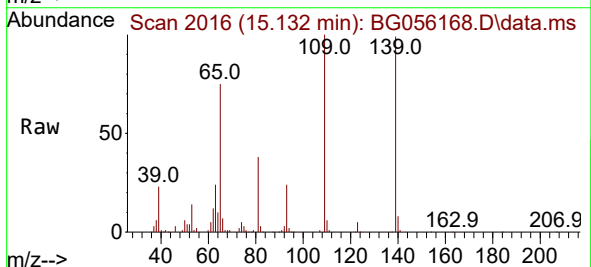
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

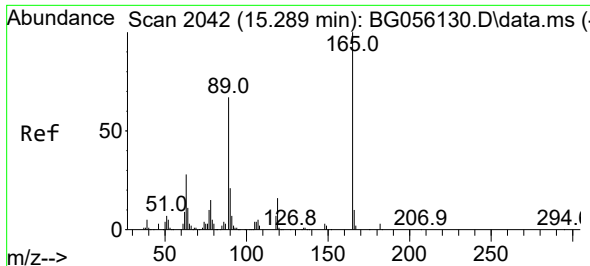
Tgt Ion:168 Resp: 637483
Ion Ratio Lower Upper
168 100
139 32.8 24.7 37.1
169 14.0 10.3 15.5



#56
4-Nitrophenol
Concen: 95.349 ng
RT: 15.132 min Scan# 2016
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:139 Resp: 182700
Ion Ratio Lower Upper
139 100
109 100.9 82.2 122.2
65 75.8 60.6 100.6

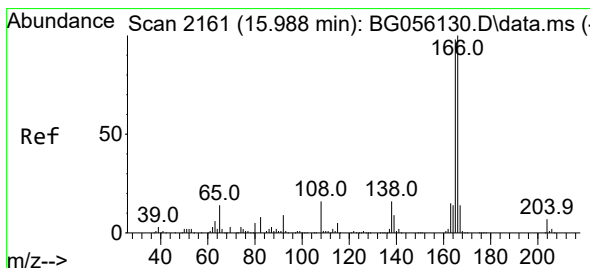
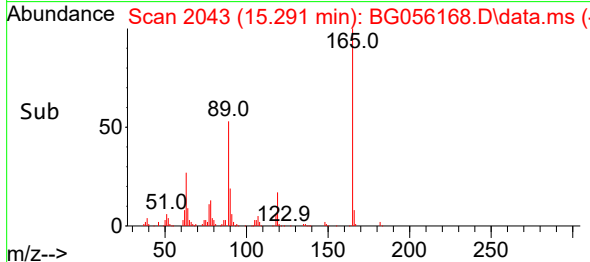
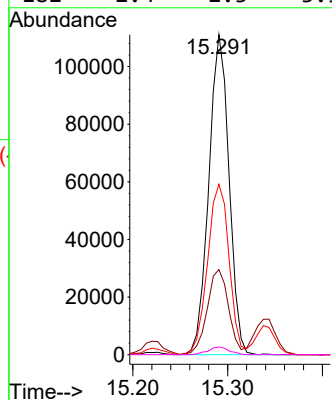
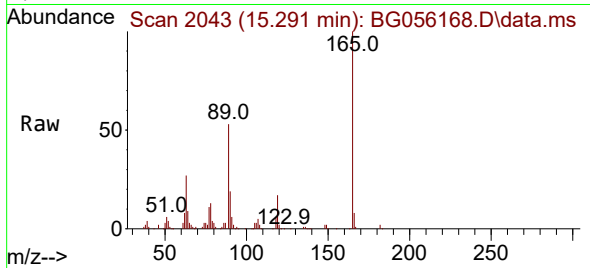




#57
2,4-Dinitrotoluene
Concen: 44.947 ng
RT: 15.291 min Scan# 2043
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

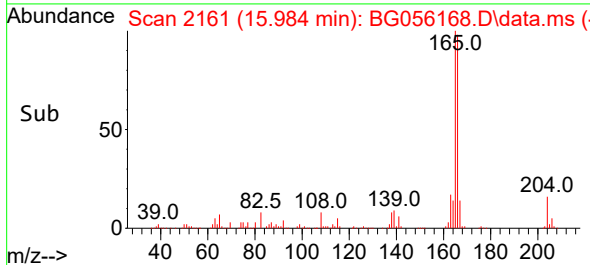
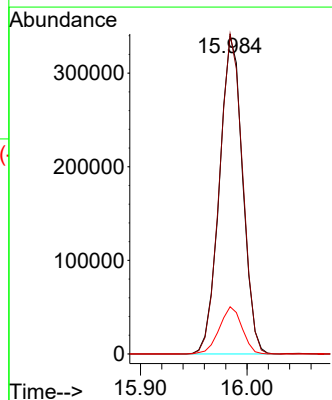
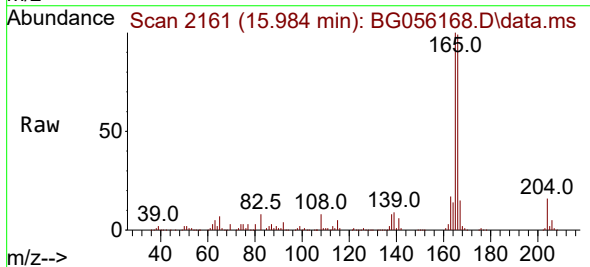
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

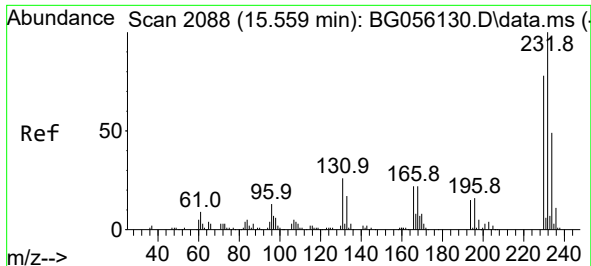
Tgt Ion:165 Resp: 164554
Ion Ratio Lower Upper
165 100
63 26.6 22.6 34.0
89 53.3 53.2 79.8
182 2.4 2.3 3.5



#58
Fluorene
Concen: 42.261 ng
RT: 15.984 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:166 Resp: 512162
Ion Ratio Lower Upper
166 100
165 100.6 78.6 118.0
167 14.9 11.1 16.7

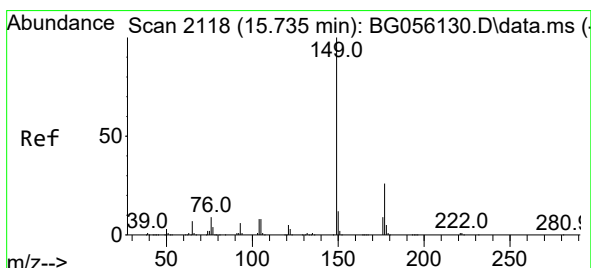
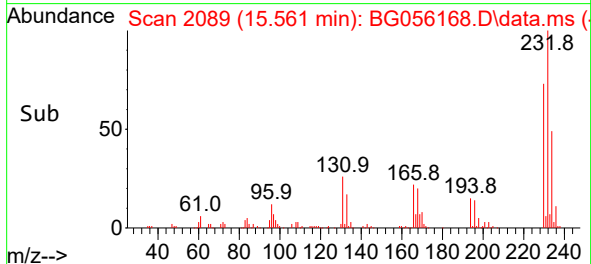
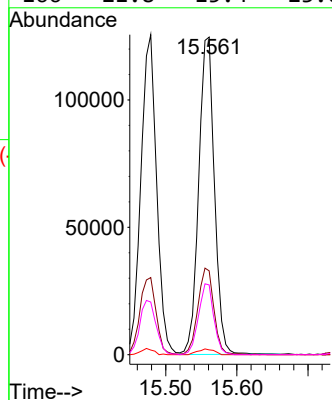
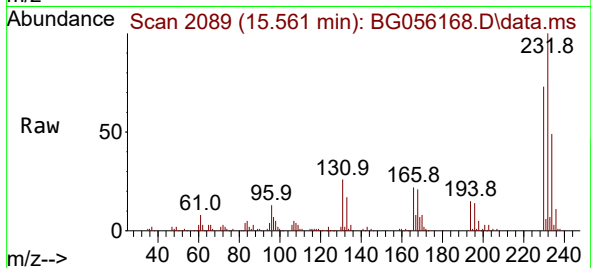




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.761 ng
RT: 15.561 min Scan# 2089
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

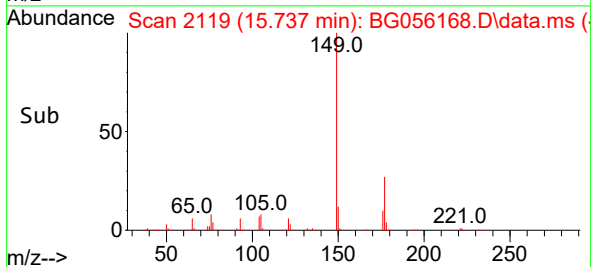
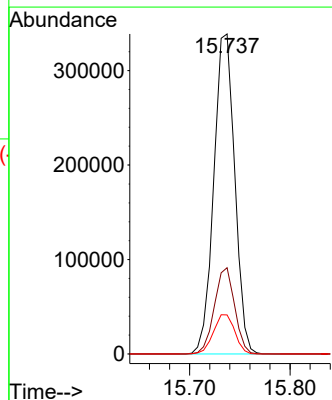
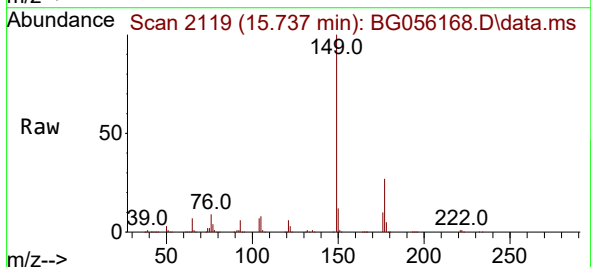
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

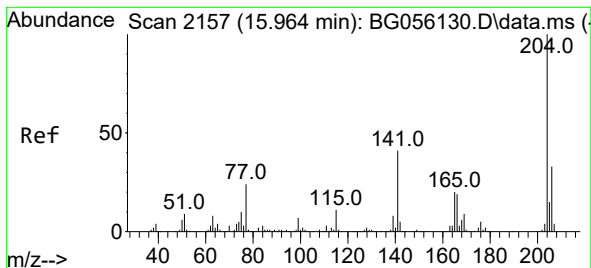
Tgt Ion:232 Resp: 191702
Ion Ratio Lower Upper
232 100
131 27.8 21.4 32.2
130 1.9 1.4 2.0
166 21.8 15.4 23.0



#60
Diethylphthalate
Concen: 42.610 ng
RT: 15.737 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:149 Resp: 490928
Ion Ratio Lower Upper
149 100
177 27.0 20.6 31.0
150 12.2 9.9 14.9

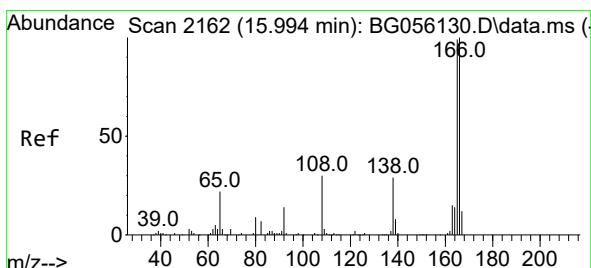
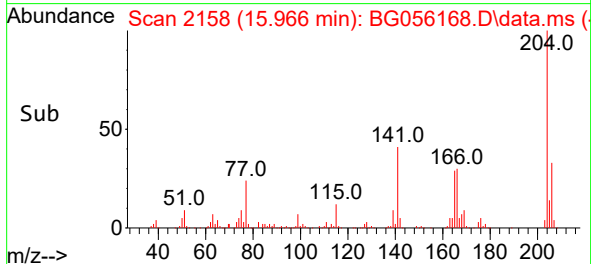
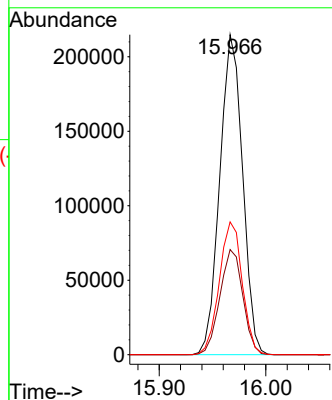
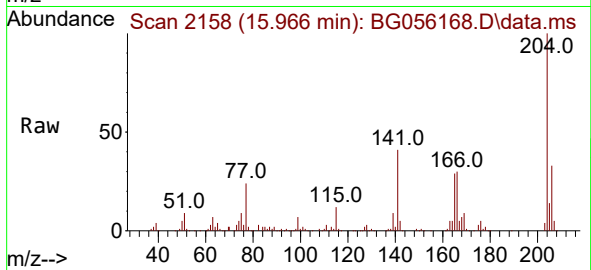




#61
4-Chlorophenyl-phenylether
Concen: 42.159 ng
RT: 15.966 min Scan# 2157
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

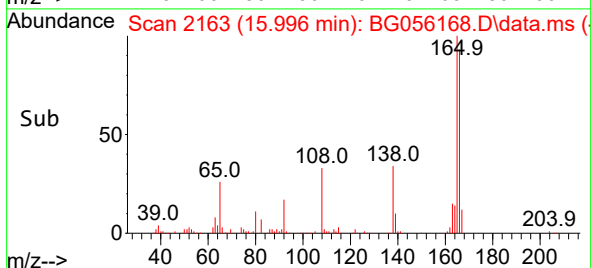
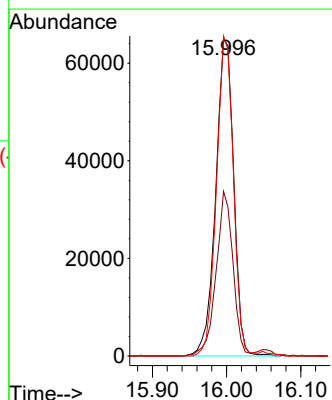
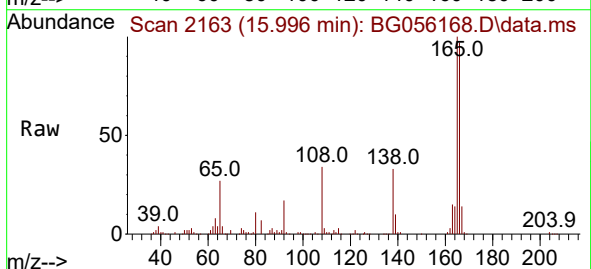
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

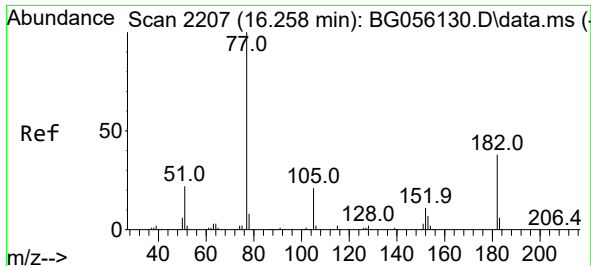
Tgt Ion:204 Resp: 318852
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 41.5 33.0 49.4



#62
4-Nitroaniline
Concen: 42.933 ng
RT: 15.996 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:138 Resp: 109568
Ion Ratio Lower Upper
138 100
92 51.7 28.6 68.6
108 100.6 83.4 123.4

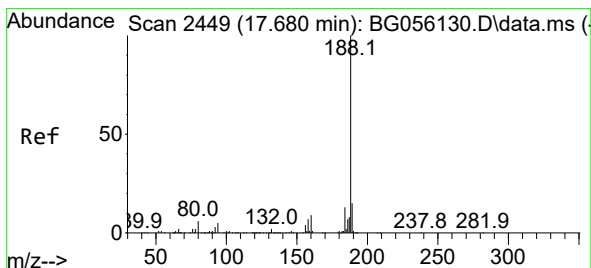
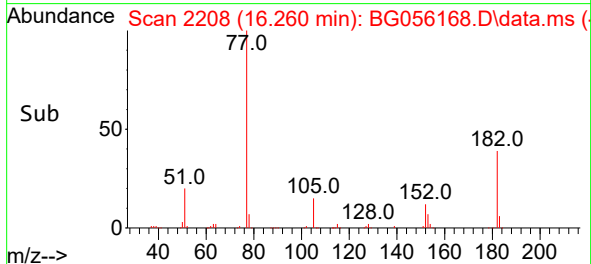
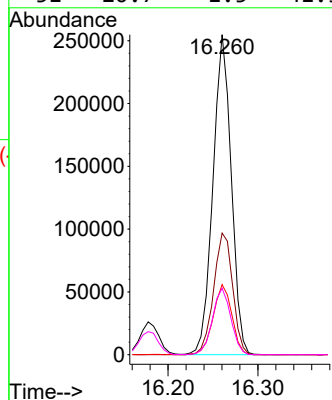
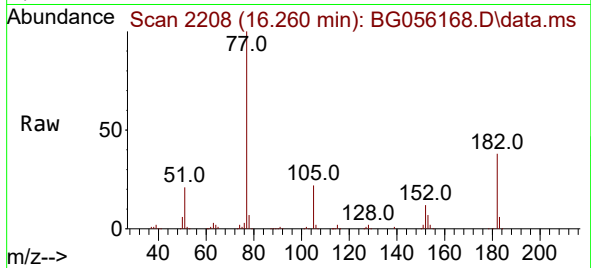




#63
Azobenzene
Concen: 40.536 ng
RT: 16.260 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

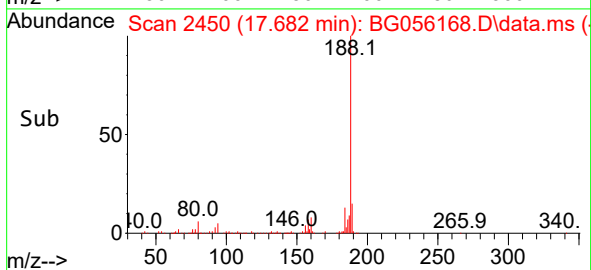
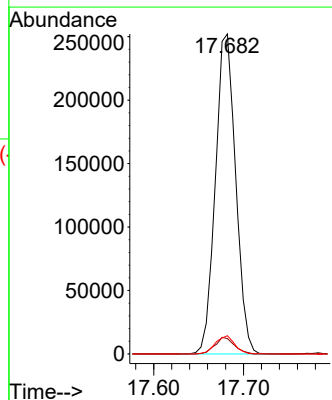
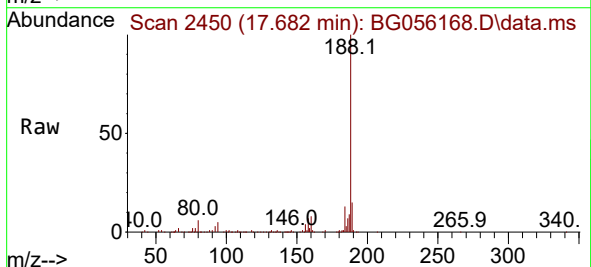
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

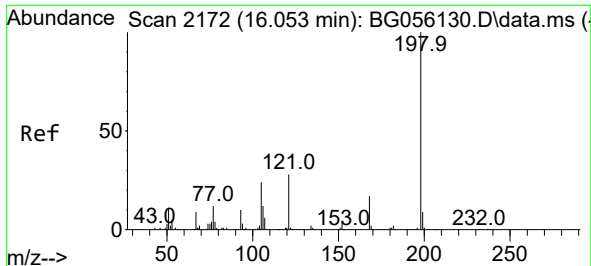
Tgt Ion: 77 Resp: 360405
Ion Ratio Lower Upper
77 100
182 38.0 18.5 58.5
105 21.9 1.4 41.4
51 20.7 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.682 min Scan# 2450
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:188 Resp: 395612
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 5.7 5.0 7.4

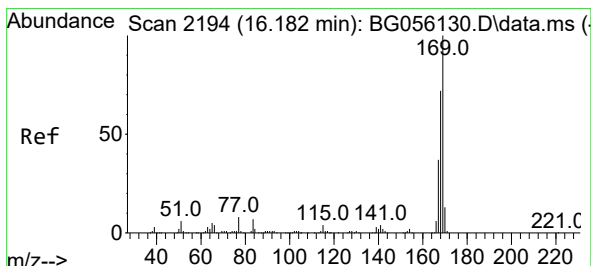
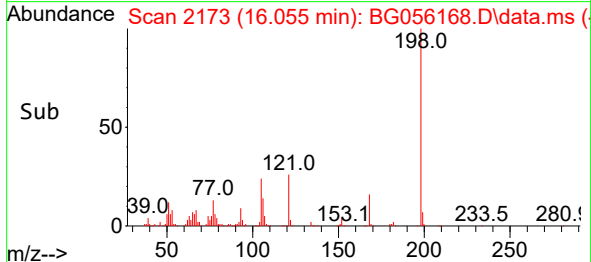
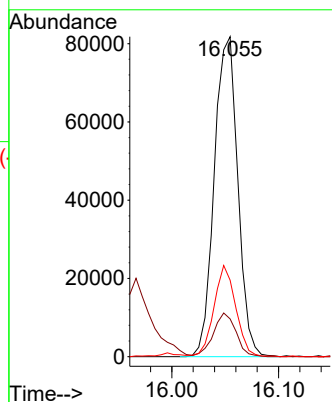
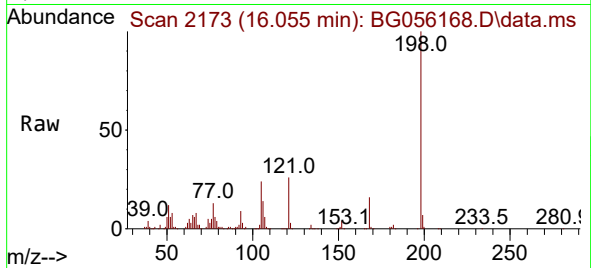




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.880 ng
 RT: 16.055 min Scan# 2172
 Delta R.T. 0.002 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

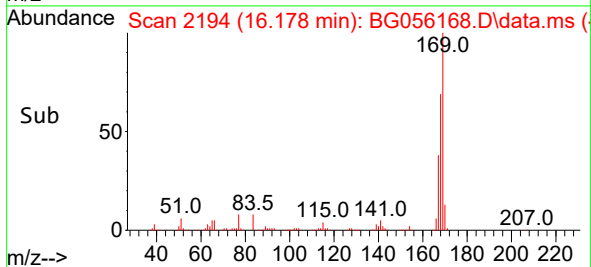
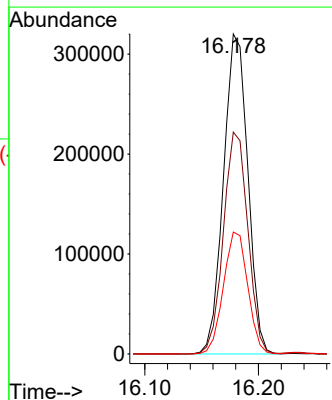
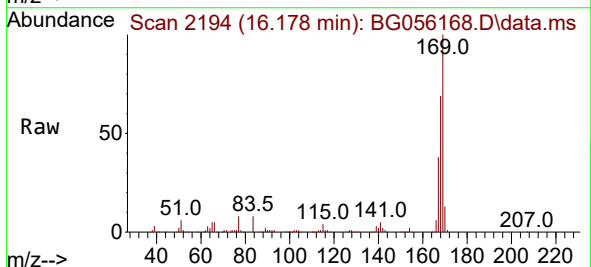
Instrument :
 BNA_G
 ClientSampleId :
 PB149979BSD

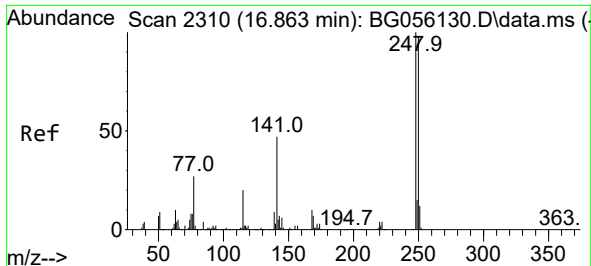
Tgt Ion:198 Resp: 124953
 Ion Ratio Lower Upper
 198 100
 51 11.8 0.0 33.2
 105 23.9 4.9 44.9



#66
 n-Nitrosodiphenylamine
 Concen: 43.423 ng
 RT: 16.178 min Scan# 2194
 Delta R.T. -0.004 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

Tgt Ion:169 Resp: 476628
 Ion Ratio Lower Upper
 169 100
 168 69.3 58.0 87.0
 167 38.1 30.0 45.0

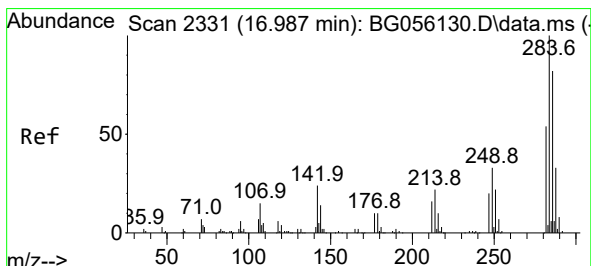
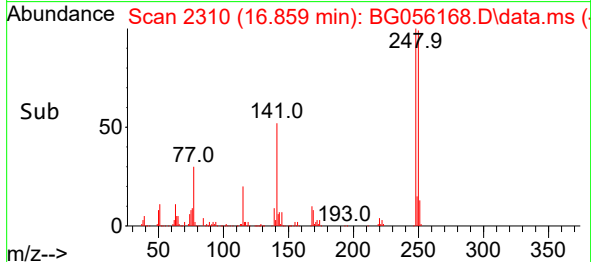
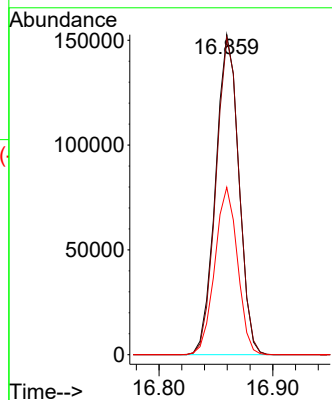
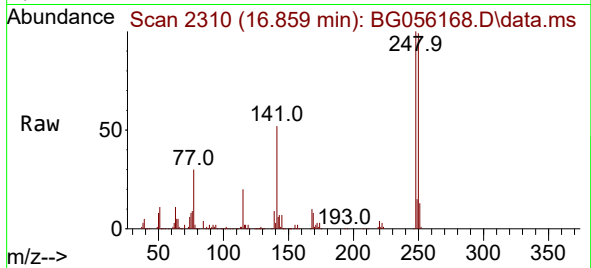




#67
4-Bromophenyl-phenylether
Concen: 43.069 ng
RT: 16.859 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

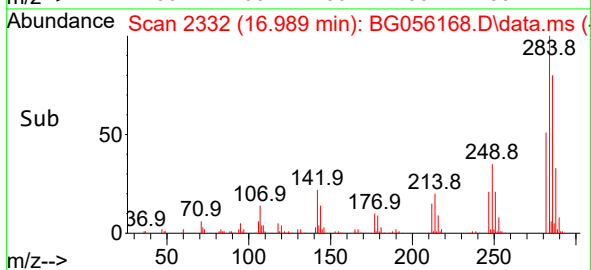
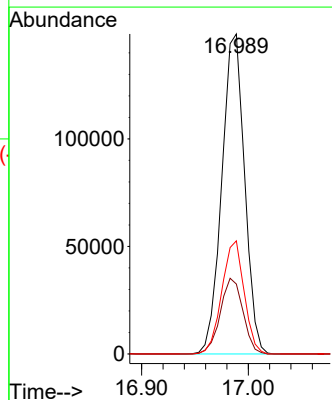
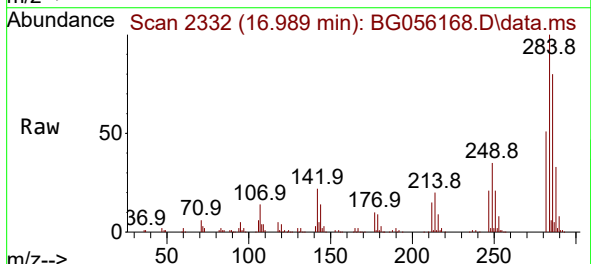
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

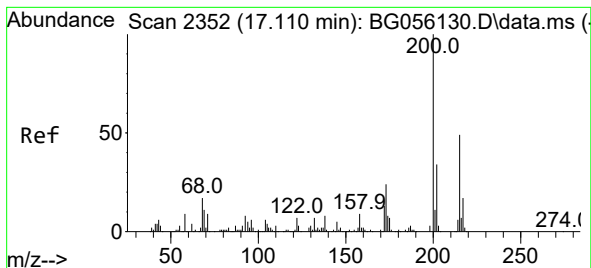
Tgt Ion:248 Resp: 216969
Ion Ratio Lower Upper
248 100
250 99.1 78.2 117.4
141 52.3 37.6 56.4



#68
Hexachlorobenzene
Concen: 47.019 ng
RT: 16.989 min Scan# 2332
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:284 Resp: 220995
Ion Ratio Lower Upper
284 100
142 21.8 19.0 28.6
249 35.3 26.6 39.8





#69

Atrazine

Concen: 46.665 ng

RT: 17.112 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

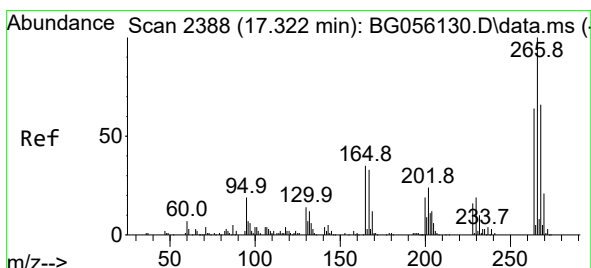
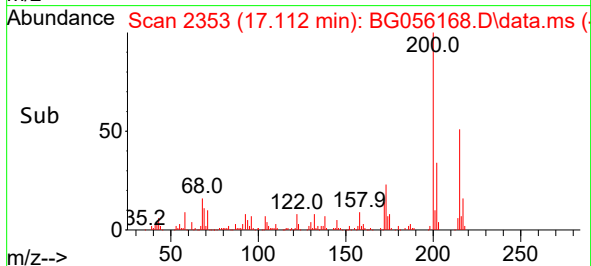
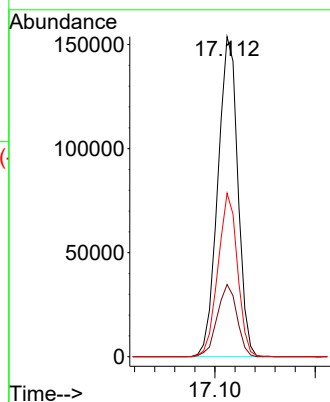
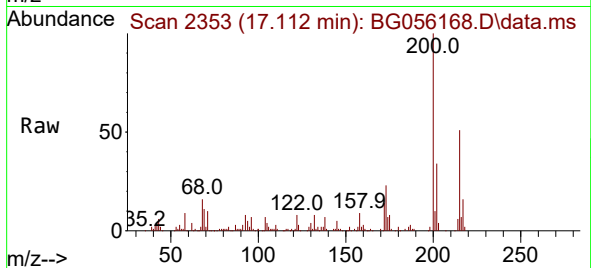
Tgt Ion:200 Resp: 212281

Ion Ratio Lower Upper

200 100

173 22.6 4.0 44.0

215 51.1 29.1 69.1



#70

Pentachlorophenol

Concen: 87.172 ng

RT: 17.324 min Scan# 2389

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

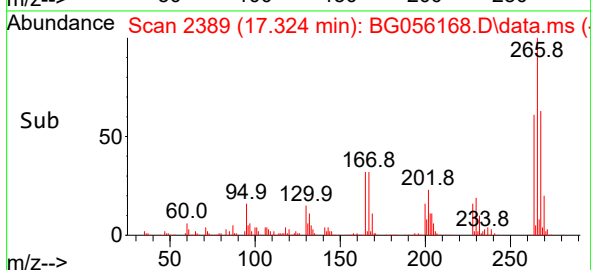
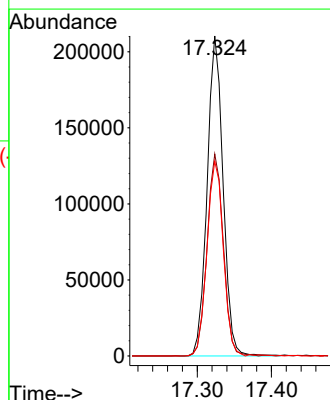
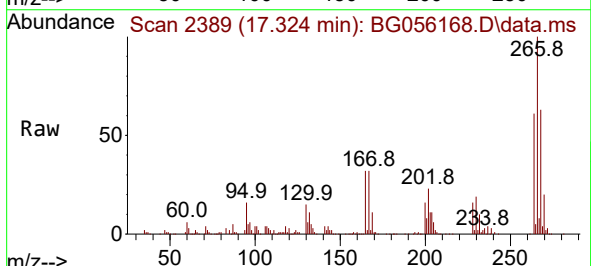
Tgt Ion:266 Resp: 314729

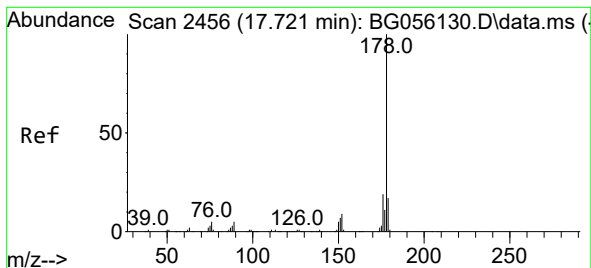
Ion Ratio Lower Upper

266 100

268 63.1 53.0 79.4

264 60.8 51.4 77.2





#71

Phenanthrene

Concen: 44.586 ng

RT: 17.723 min Scan# 2456

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

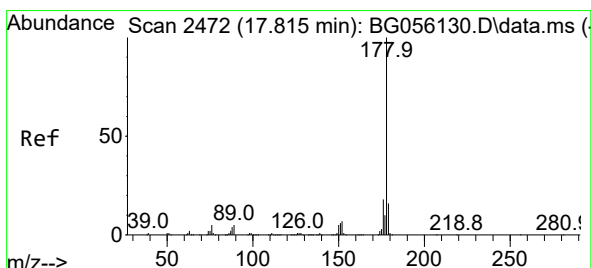
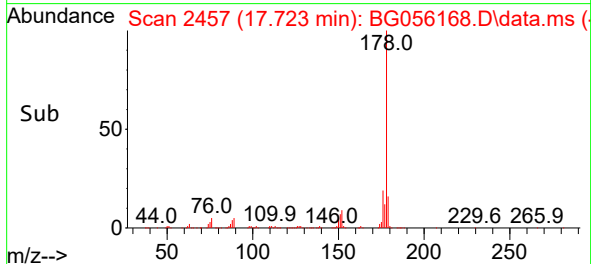
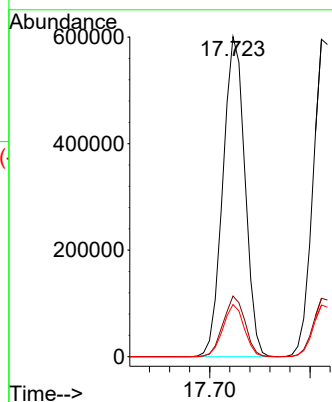
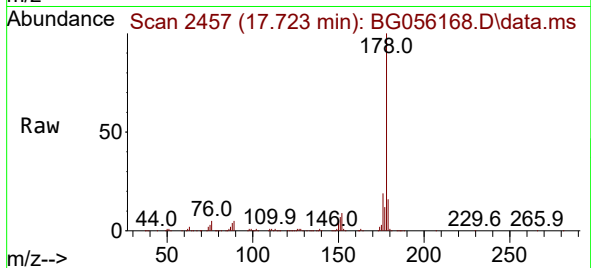
Tgt Ion:178 Resp: 914100

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 16.3 13.6 20.4



#72

Anthracene

Concen: 43.784 ng

RT: 17.811 min Scan# 2472

Delta R.T. -0.004 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

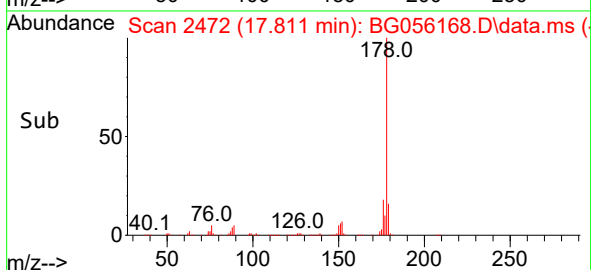
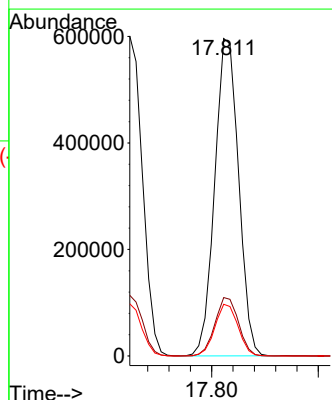
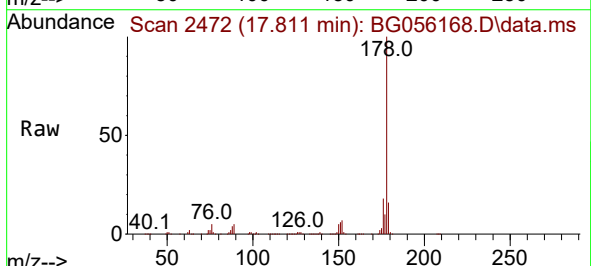
Tgt Ion:178 Resp: 925993

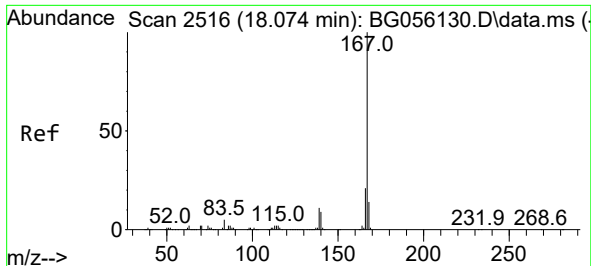
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 16.3 12.7 19.1

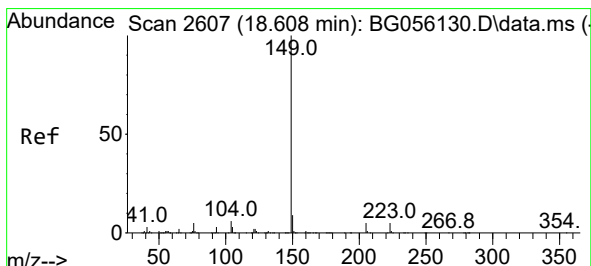
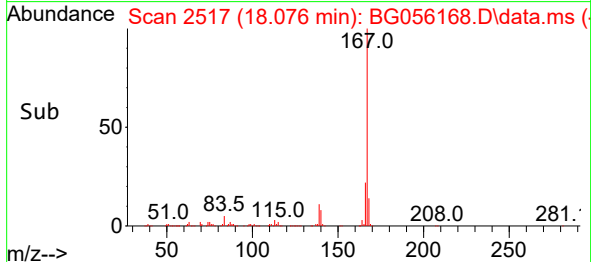
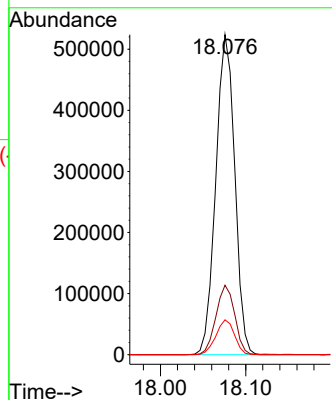
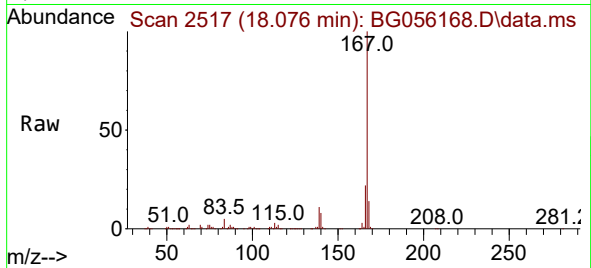




#73
 Carbazole
 Concen: 45.501 ng
 RT: 18.076 min Scan# 2516
 Delta R.T. 0.002 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

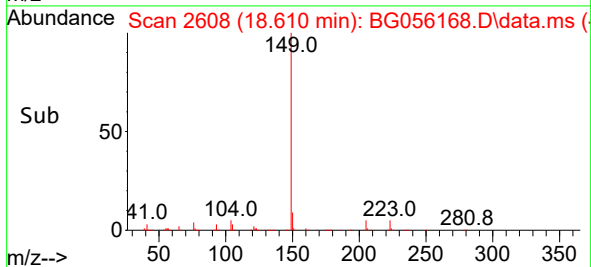
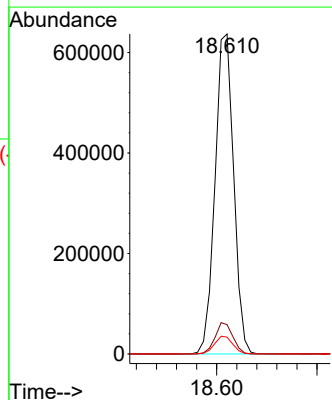
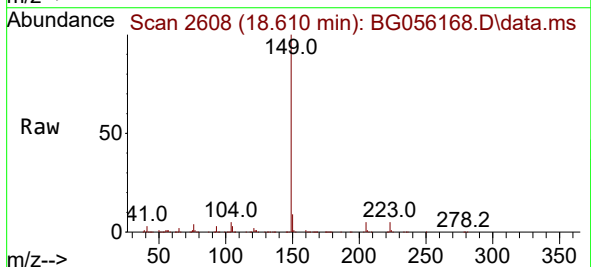
Instrument :
 BNA_G
 ClientSampleId :
 PB149979BSD

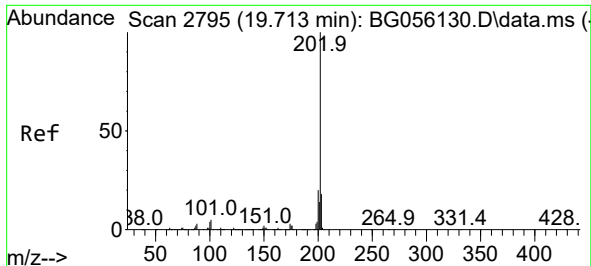
Tgt Ion:167 Resp: 808886
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 10.9 8.9 13.3



#74
 Di-n-butylphthalate
 Concen: 46.292 ng
 RT: 18.610 min Scan# 2608
 Delta R.T. 0.002 min
 Lab File: BG056168.D
 Acq: 30 Dec 2022 13:02

Tgt Ion:149 Resp: 820353
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.4 6.6

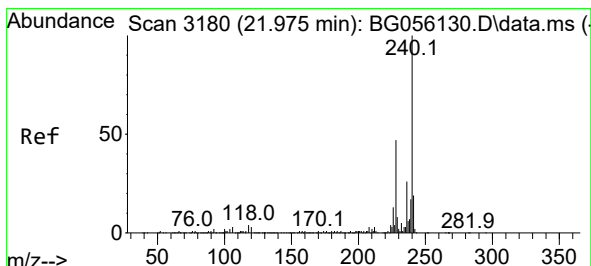
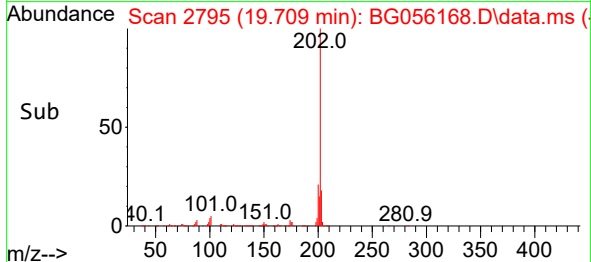
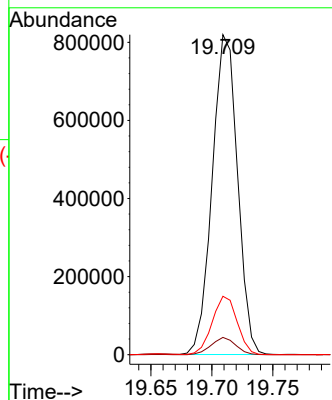
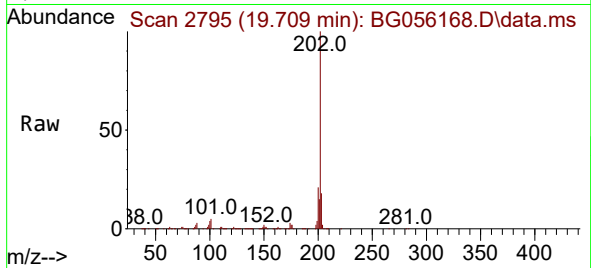




#75
Fluoranthene
Concen: 44.226 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

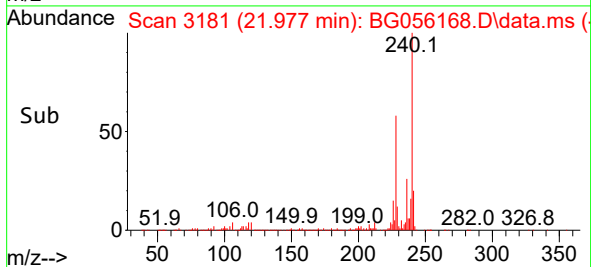
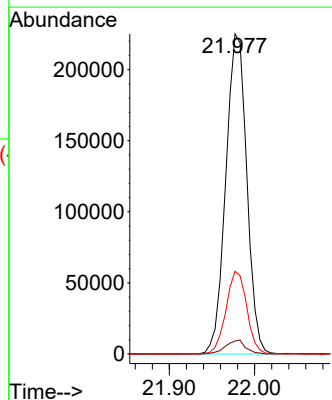
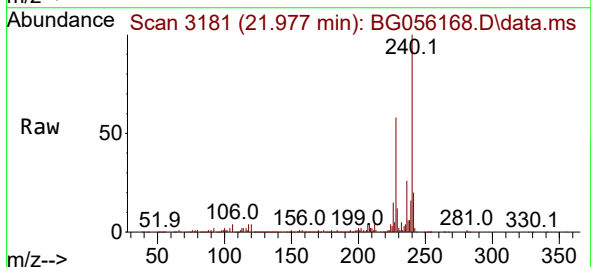
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

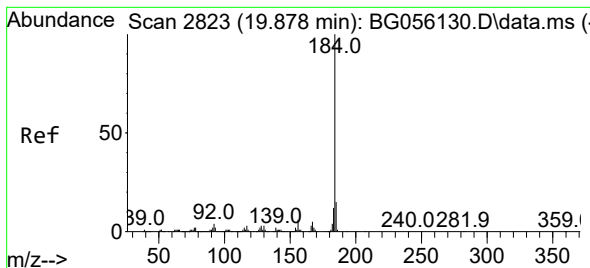
Tgt Ion:202 Resp: 1182733
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3181
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:240 Resp: 385608
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.9 20.8 31.2





#77

Benzidine

Concen: 35.179 ng

RT: 19.879 min Scan# 2823

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

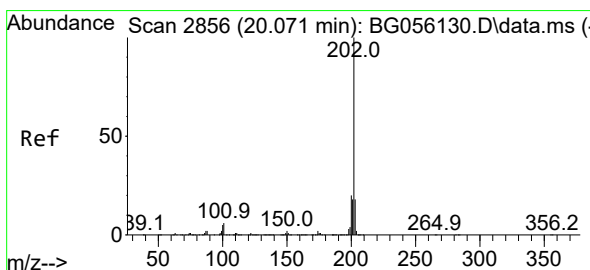
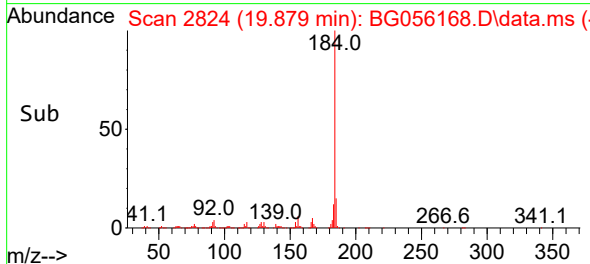
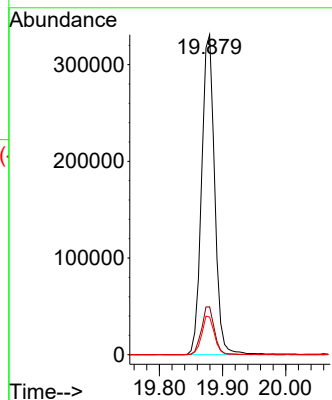
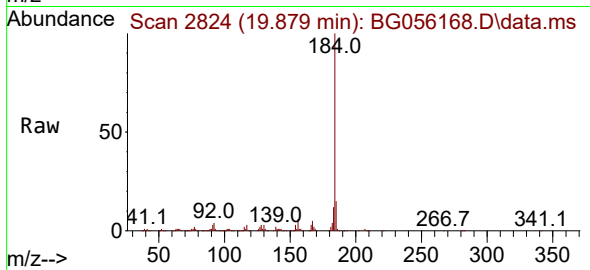
Tgt Ion:184 Resp: 475381

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 43.941 ng

RT: 20.073 min Scan# 2857

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

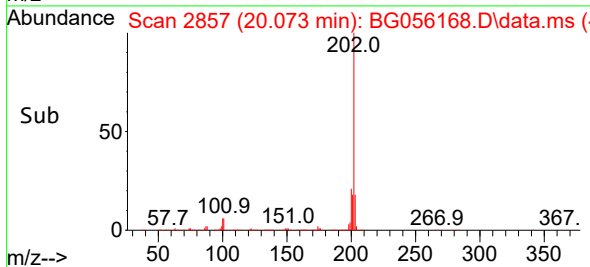
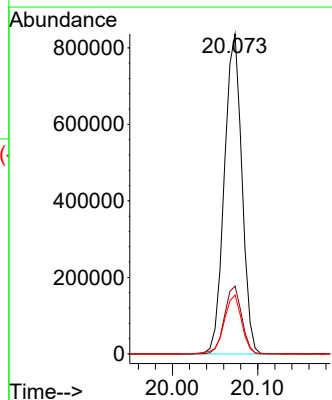
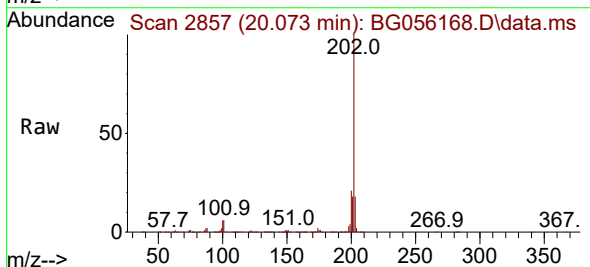
Tgt Ion:202 Resp: 1194276

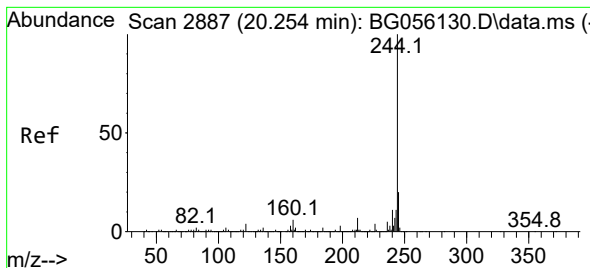
Ion Ratio Lower Upper

202 100

200 21.2 16.4 24.6

203 18.4 14.3 21.5





#79

Terphenyl-d14

Concen: 92.594 ng

RT: 20.255 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

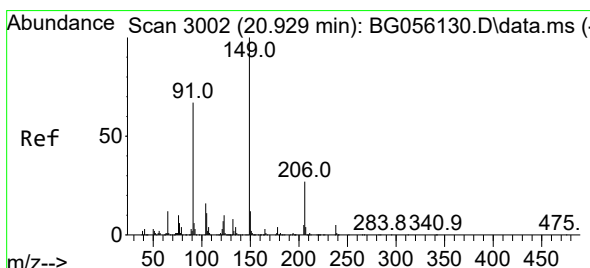
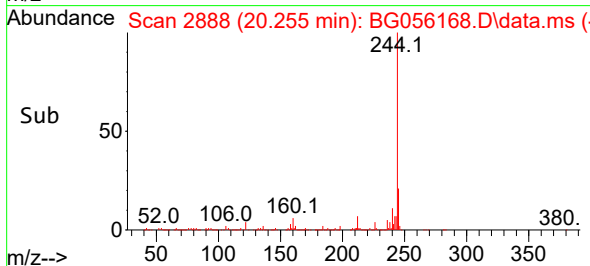
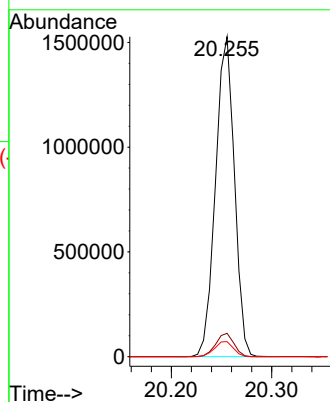
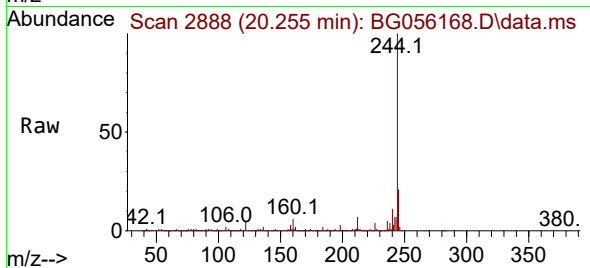
Tgt Ion:244 Resp: 1993519

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 4.7 3.5 5.3



#80

Butylbenzylphthalate

Concen: 45.207 ng

RT: 20.931 min Scan# 3003

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

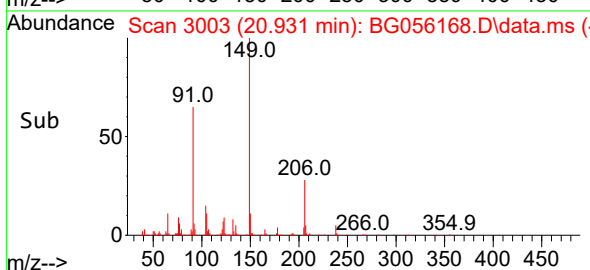
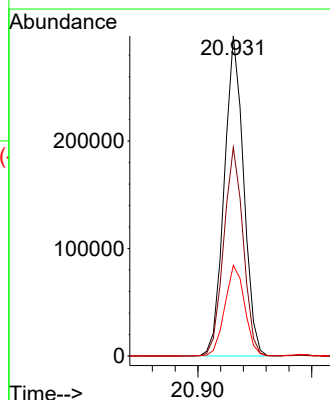
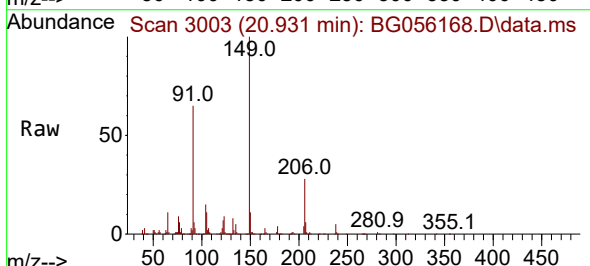
Tgt Ion:149 Resp: 352505

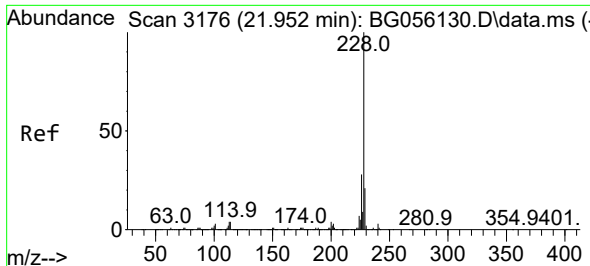
Ion Ratio Lower Upper

149 100

91 65.2 53.5 80.3

206 28.3 21.9 32.9

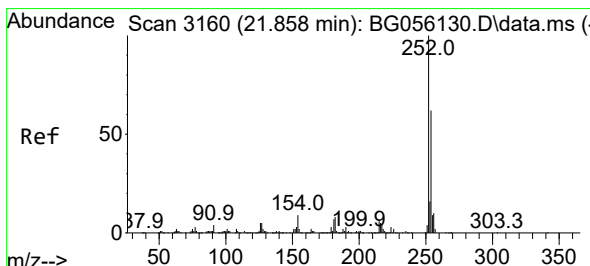
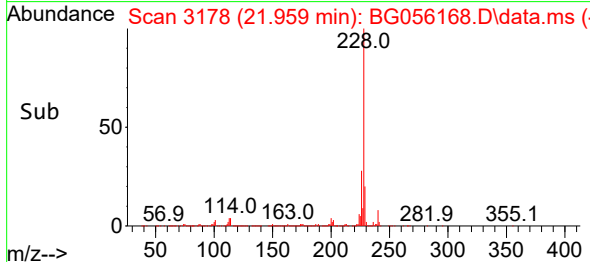
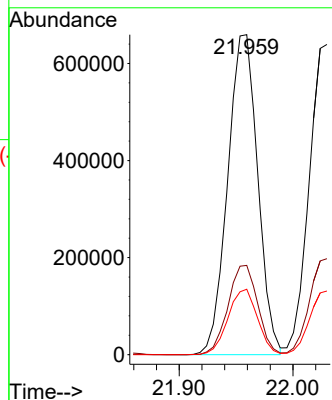
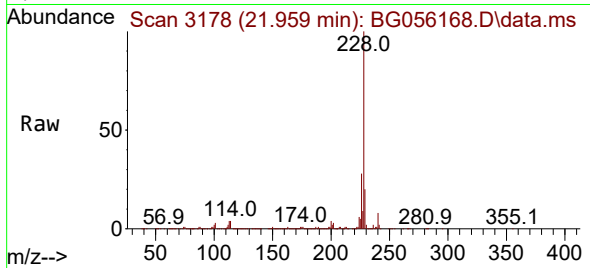




#81
Benzo(a)anthracene
Concen: 44.650 ng
RT: 21.959 min Scan# 3178
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

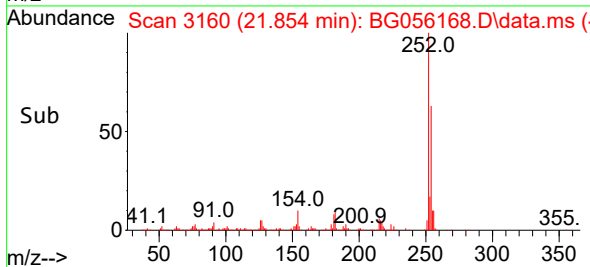
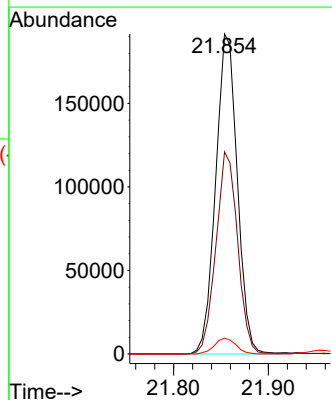
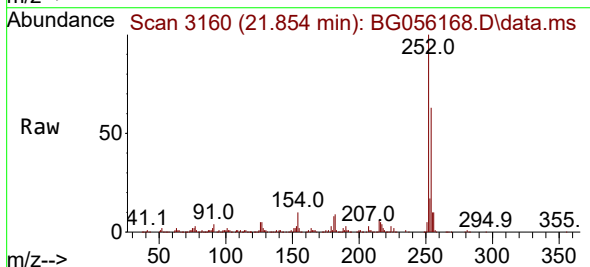
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

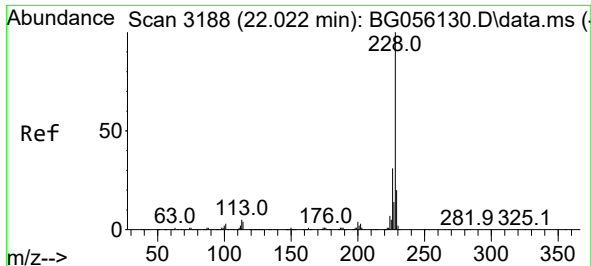
Tgt Ion:228 Resp: 1209305
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.4 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 31.185 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:252 Resp: 304041
Ion Ratio Lower Upper
252 100
254 63.2 49.5 74.3
126 5.0 4.0 6.0

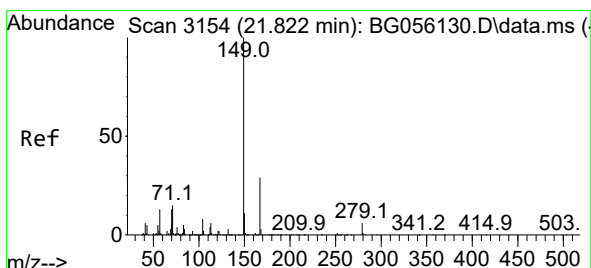
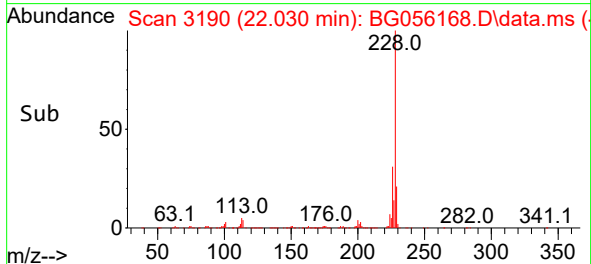
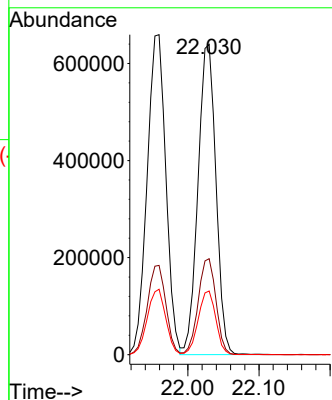
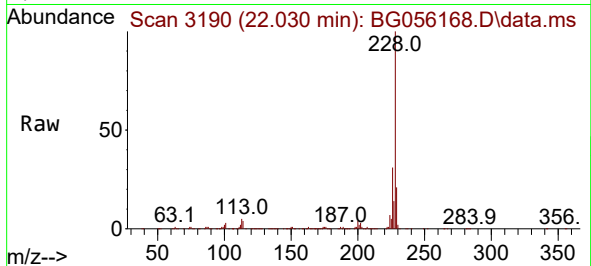




#83
Chrysene
Concen: 44.369 ng
RT: 22.030 min Scan# 3188
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

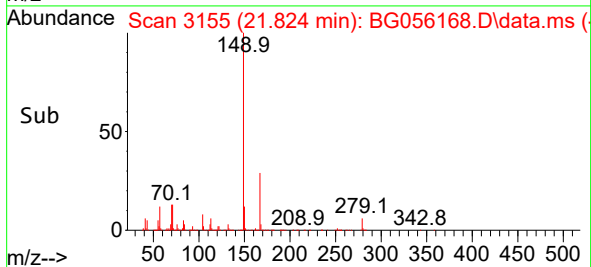
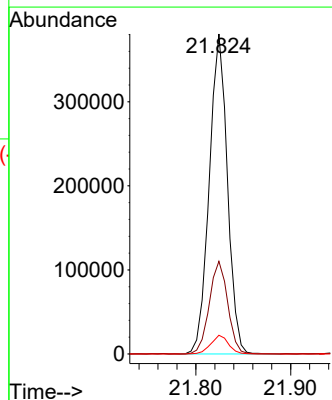
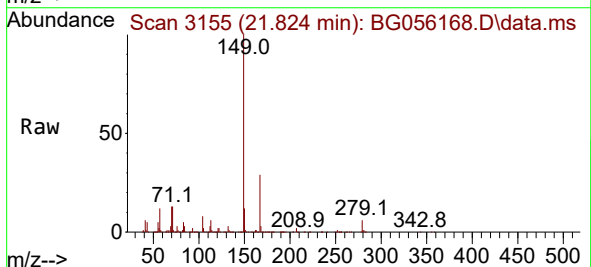
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

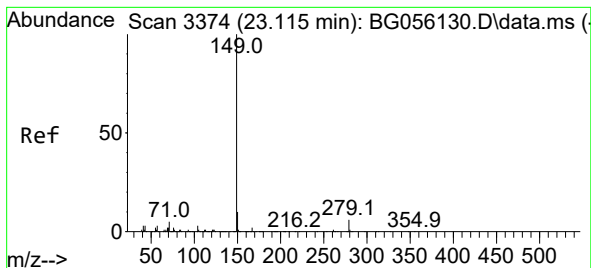
Tgt Ion:228 Resp: 1125615
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 20.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.064 ng
RT: 21.824 min Scan# 3155
Delta R.T. 0.002 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:149 Resp: 506243
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.2
279 5.8 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 45.266 ng

RT: 23.117 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

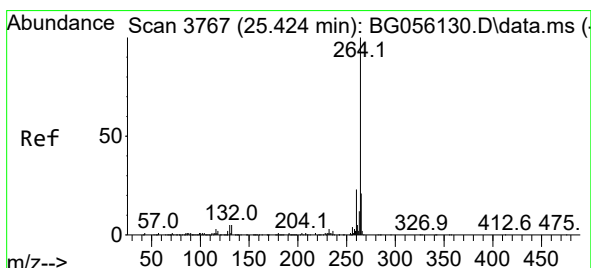
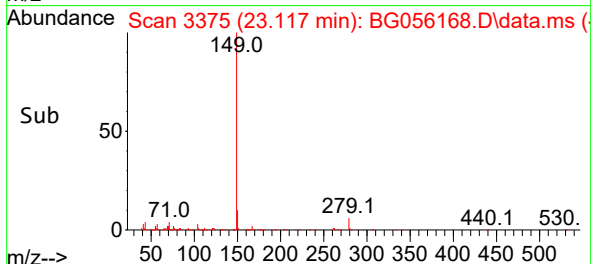
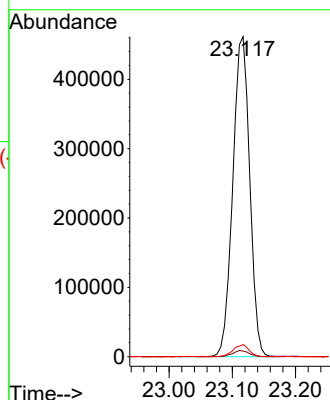
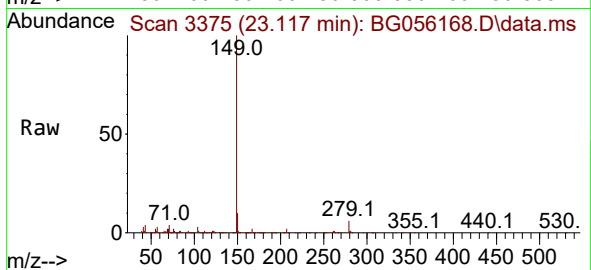
Tgt Ion:149 Resp: 858470

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

43 3.6 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.432 min Scan# 3769

Delta R.T. 0.008 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

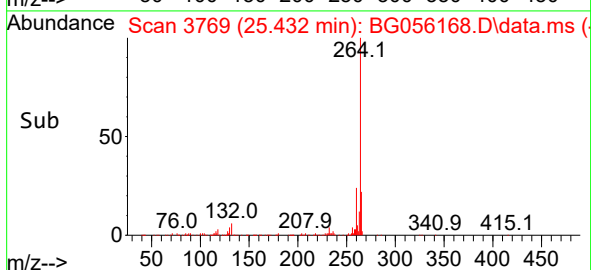
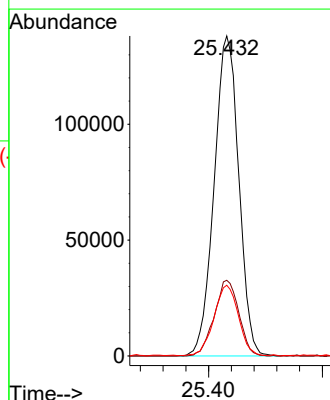
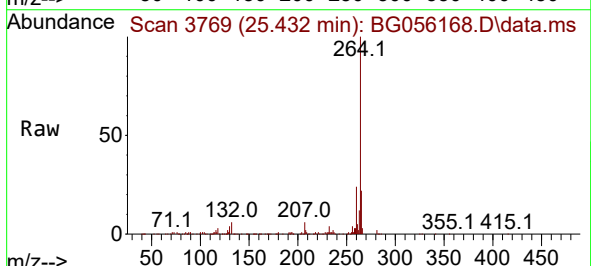
Tgt Ion:264 Resp: 415024

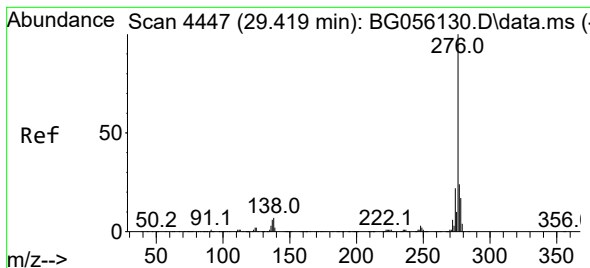
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.052 ng

RT: 29.409 min Scan# 4446

Delta R.T. -0.010 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB149979BSD

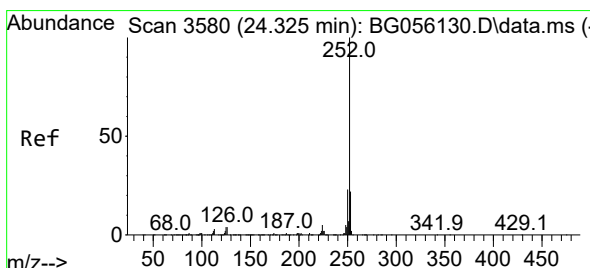
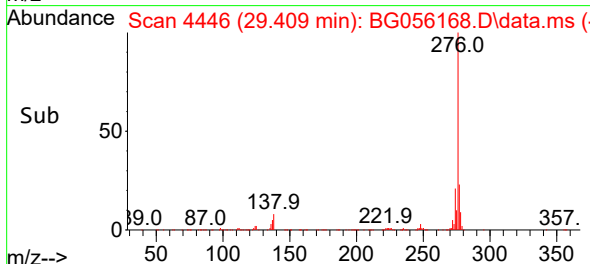
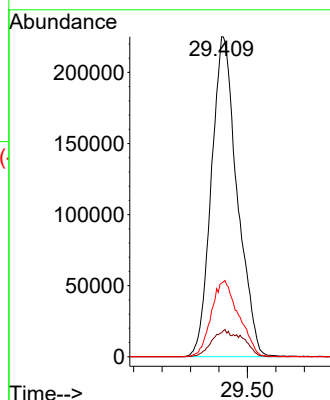
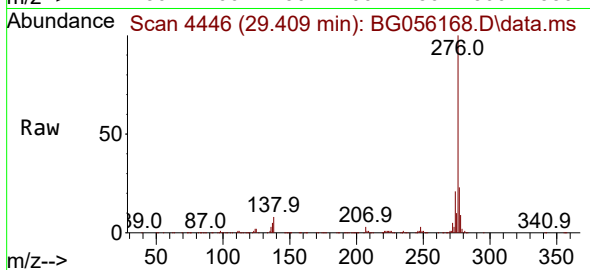
Tgt Ion:276 Resp: 1420192

Ion Ratio Lower Upper

276 100

138 6.1 5.0 7.4

277 25.3 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 48.113 ng

RT: 24.327 min Scan# 3581

Delta R.T. 0.002 min

Lab File: BG056168.D

Acq: 30 Dec 2022 13:02

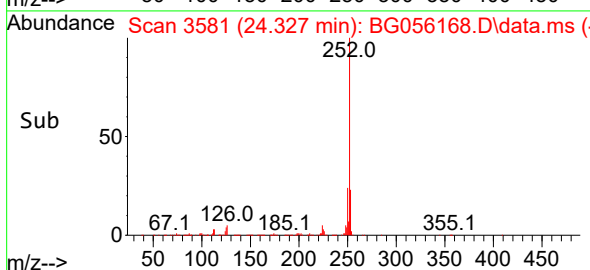
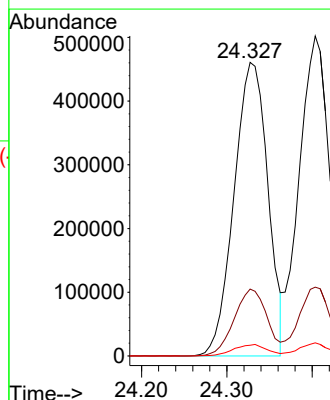
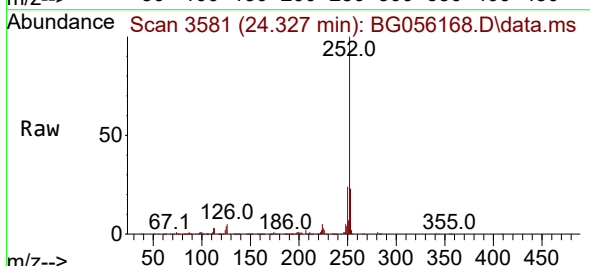
Tgt Ion:252 Resp: 1268706

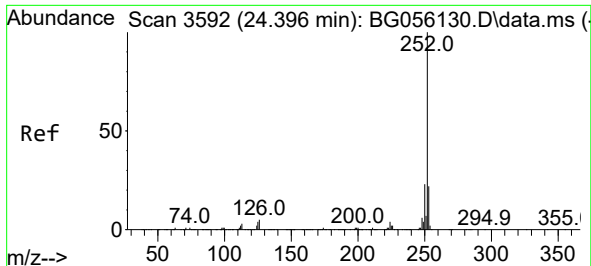
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 3.6 3.0 4.4

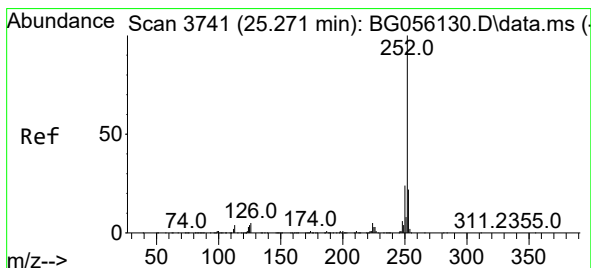
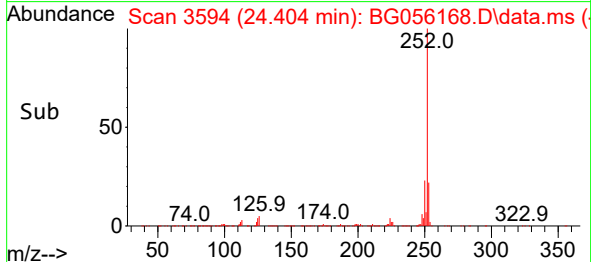
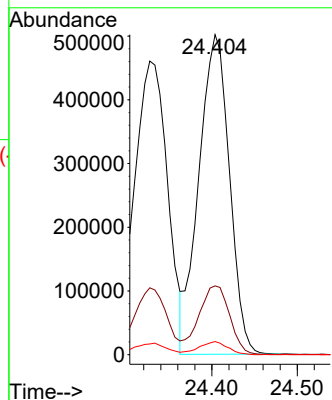
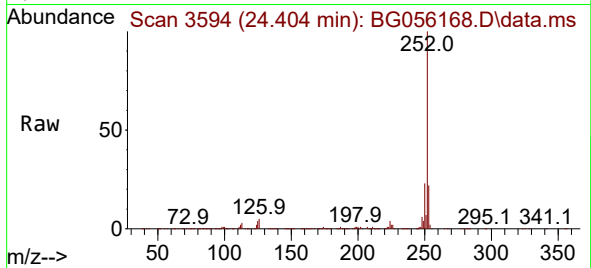




#89
Benzo(k)fluoranthene
Concen: 47.560 ng
RT: 24.404 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

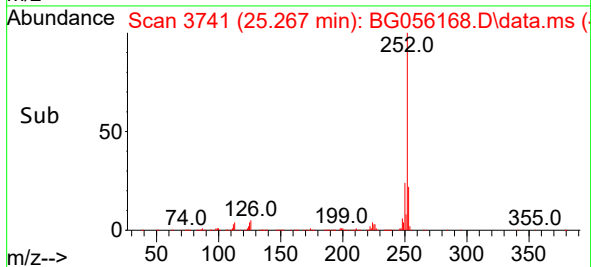
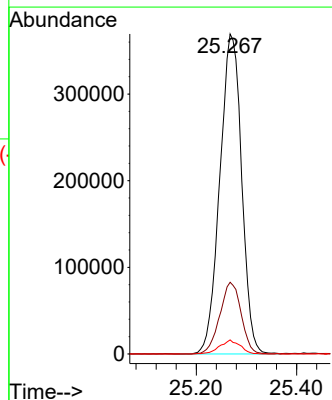
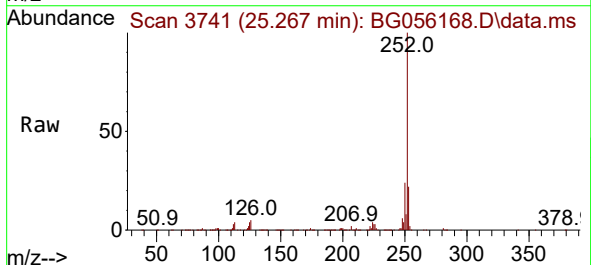
Instrument :
BNA_G
ClientSampleId :
PB149979BSD

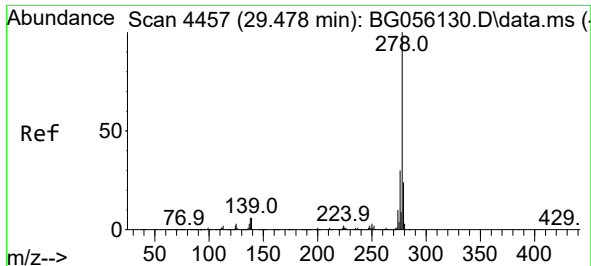
Tgt Ion:252 Resp: 1248858
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 4.1 3.4 5.0



#90
Benzo(a)pyrene
Concen: 43.286 ng
RT: 25.267 min Scan# 3741
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:252 Resp: 1113271
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 4.4 3.2 4.8

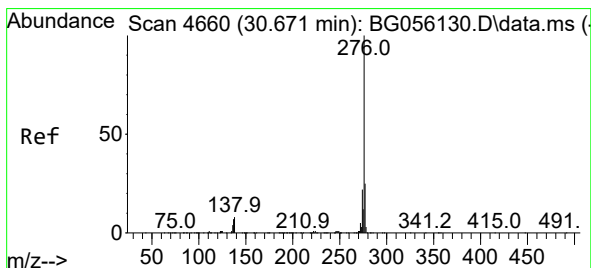
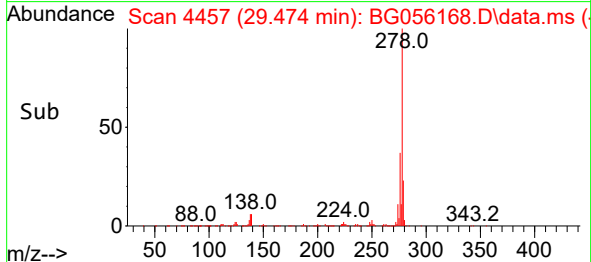
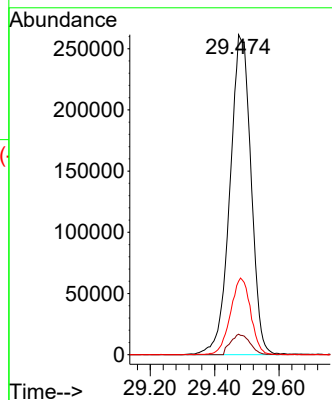
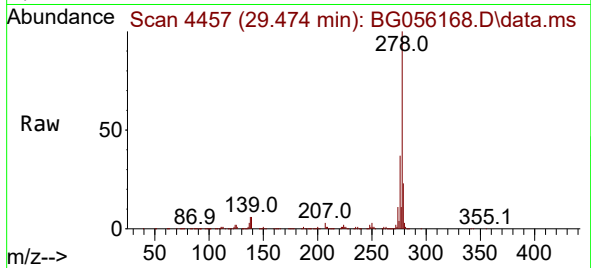




#91
Dibenzo(a,h)anthracene
Concen: 46.945 ng
RT: 29.474 min Scan# 4457
Delta R.T. -0.004 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB149979BSD

Tgt Ion:278 Resp: 1187971
Ion Ratio Lower Upper
278 100
139 6.4 4.8 7.2
279 22.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.713 ng
RT: 30.679 min Scan# 4662
Delta R.T. 0.008 min
Lab File: BG056168.D
Acq: 30 Dec 2022 13:02

Tgt Ion:276 Resp: 1146334
Ion Ratio Lower Upper
276 100
277 23.8 19.7 29.5
138 8.0 6.7 10.1

