

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056679.D
 Acq On : 20 Feb 2023 18:49
 Operator : CG/JU
 Sample : 01606-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

Quant Time: Feb 21 03:27:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.433	152	22602	20.000	ng	0.00
21) Naphthalene-d8	11.277	136	88928	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	64528	20.000	ng	0.00
64) Phenanthrene-d10	17.775	188	151489	20.000	ng	0.00
76) Chrysene-d12	22.093	240	133747	20.000	ng	0.00
86) Perylene-d12	25.636	264	148221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.947	112	167539	120.608	ng	0.00
7) Phenol-d6	7.563	99	215614	105.078	ng	0.00
23) Nitrobenzene-d5	9.614	82	153742	88.519	ng	0.00
42) 2,4,6-Tribromophenol	16.517	330	109503	123.947	ng	0.00
45) 2-Fluorobiphenyl	13.668	172	359665	74.636	ng	0.00
79) Terphenyl-d14	20.342	244	691480	84.588	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.768	88	20130	33.054	ng	# 53
3) Pyridine	4.197	79	55583	28.854	ng	95
4) n-Nitrosodimethylamine	4.091	42	34578	38.509	ng	# 89
6) Aniline	7.745	93	78222	27.430	ng	95
8) 2-Chlorophenol	7.992	128	60195	43.797	ng	96
9) Benzaldehyde	7.557	77	40361	37.194	ng	90
10) Phenol	7.593	94	77829	37.079	ng	97
11) bis(2-Chloroethyl)ether	7.834	93	61209	38.865	ng	99
12) 1,3-Dichlorobenzene	8.327	146	65425	39.953	ng	99
13) 1,4-Dichlorobenzene	8.474	146	66064	40.059	ng	93
14) 1,2-Dichlorobenzene	8.797	146	63549	40.090	ng	99
15) Benzyl Alcohol	8.662	79	72242	39.319	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.956	45	81269	38.436	ng	99
17) 2-Methylphenol	8.862	107	55445	37.588	ng	98
18) Hexachloroethane	9.543	117	22581	43.225	ng	98
19) n-Nitroso-di-n-propyla...	9.238	70	57397	37.364	ng	100
20) 3+4-Methylphenols	9.185	107	76303	37.656	ng	99
22) Acetophenone	9.261	105	106095	39.046	ng	# 99
24) Nitrobenzene	9.655	77	84617	42.173	ng	98
25) Isophorone	10.178	82	154924	36.651	ng	99
26) 2-Nitrophenol	10.372	139	31101	43.489	ng	91
27) 2,4-Dimethylphenol	10.407	122	63708	38.983	ng	98
28) bis(2-Chloroethoxy)met...	10.648	93	84734	39.334	ng	97
29) 2,4-Dichlorophenol	10.906	162	68067	42.025	ng	97
30) 1,2,4-Trichlorobenzene	11.130	180	76067	39.425	ng	95
31) Naphthalene	11.324	128	189819	38.514	ng	99
32) Benzoic acid	10.483	122	12677m	12.036	ng	
33) 4-Chloroaniline	11.423	127	11429	5.076	ng	# 89
34) Hexachlorobutadiene	11.606	225	54902	39.818	ng	98
35) Caprolactam	12.176	113	17157m	32.934	ng	
36) 4-Chloro-3-methylphenol	12.499	107	70577	39.513	ng	98
37) 2-Methylnaphthalene	12.898	142	139514	35.851	ng	100
38) 1-Methylnaphthalene	13.116	142	130125	35.835	ng	97
40) 1,2,4,5-Tetrachloroben...	13.257	216	97635	40.702	ng	97
41) Hexachlorocyclopentadiene	13.233	237	85564	65.765	ng	98
43) 2,4,6-Trichlorophenol	13.480	196	63152	43.391	ng	97

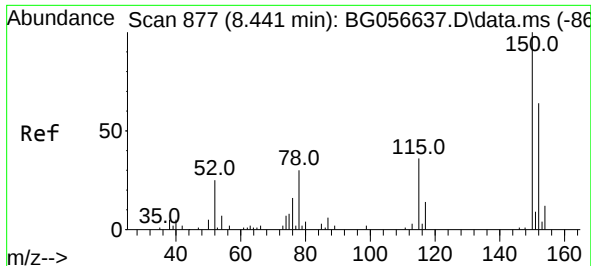
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056679.D
 Acq On : 20 Feb 2023 18:49
 Operator : CG/JU
 Sample : 01606-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

Quant Time: Feb 21 03:27:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	69847	40.042	ng	97
46) 1,1'-Biphenyl	13.879	154	194482	39.787	ng	97
47) 2-Chloronaphthalene	13.932	162	157014	40.592	ng	98
48) 2-Nitroaniline	14.114	65	45180	40.959	ng	89
49) Acenaphthylene	14.767	152	240956	38.337	ng	97
50) Dimethylphthalate	14.479	163	204662	38.367	ng	99
51) 2,6-Dinitrotoluene	14.596	165	40751	39.712	ng	88
52) Acenaphthene	15.107	154	151505	39.079	ng	98
53) 3-Nitroaniline	14.925	138	22460	21.691	ng #	97
54) 2,4-Dinitrophenol	15.125	184	25578	41.505	ng #	83
55) Dibenzofuran	15.431	168	248021	37.867	ng	98
56) 4-Nitrophenol	15.213	139	60858	76.711	ng	90
57) 2,4-Dinitrotoluene	15.378	165	55114	42.364	ng #	88
58) Fluorene	16.077	166	193520	37.369	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.648	232	64539	42.216	ng #	92
60) Diethylphthalate	15.824	149	199816	37.135	ng	99
61) 4-Chlorophenyl-phenyle...	16.059	204	117915	37.270	ng	100
62) 4-Nitroaniline	16.089	138	38544	35.717	ng	98
63) Azobenzene	16.353	77	200014	37.141	ng	98
65) 4,6-Dinitro-2-methylph...	16.136	198	21177	27.070	ng	90
66) n-Nitrosodiphenylamine	16.271	169	175440	39.809	ng	99
67) 4-Bromophenyl-phenylether	16.952	248	79404	40.825	ng	93
68) Hexachlorobenzene	17.076	284	86810	43.809	ng	99
69) Atrazine	17.205	200	72738	42.983	ng	99
70) Pentachlorophenol	17.416	266	87330	66.548	ng	97
71) Phenanthrene	17.816	178	330723	40.128	ng	99
72) Anthracene	17.910	178	335995	39.841	ng	99
73) Carbazole	18.168	167	292062	40.174	ng	99
74) Di-n-butylphthalate	18.697	149	327763	40.288	ng	99
75) Fluoranthene	19.802	202	412641	37.945	ng	100
77) Benzidine	19.960	184	134862	42.159	ng	98
78) Pyrene	20.160	202	415607	41.146	ng	99
80) Butylbenzylphthalate	21.024	149	135075	44.532	ng	96
81) Benzo(a)anthracene	22.070	228	403433	40.561	ng	98
82) 3,3'-Dichlorobenzidine	21.964	252	80108	24.824	ng	99
83) Chrysene	22.146	228	370798	39.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.941	149	191331	42.095	ng	100
85) Di-n-octyl phthalate	23.262	149	324269	42.924	ng	100
87) Indeno(1,2,3-cd)pyrene	29.737	276	471016	40.576	ng	99
88) Benzo(b)fluoranthene	24.502	252	408637	42.200	ng	100
89) Benzo(k)fluoranthene	24.579	252	386651	40.604	ng	99
90) Benzo(a)pyrene	25.472	252	348306	37.420	ng	99
91) Dibenzo(a,h)anthracene	29.808	278	391999	40.773	ng	97
92) Benzo(g,h,i)perylene	31.018	276	380851	40.541	ng	96

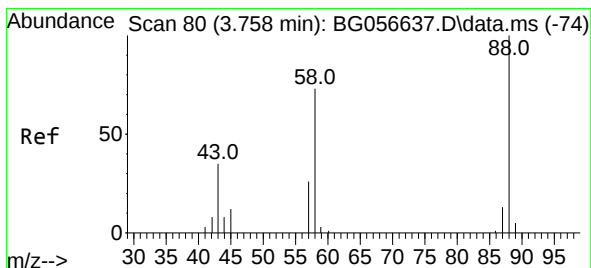
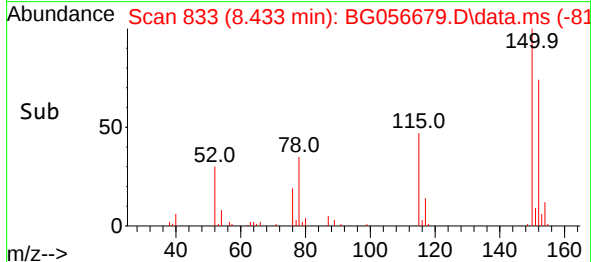
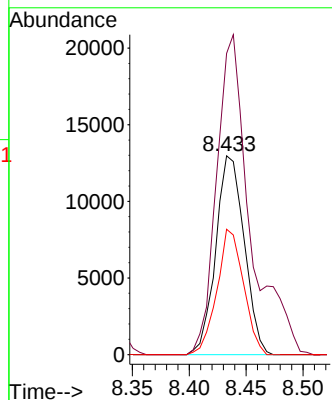
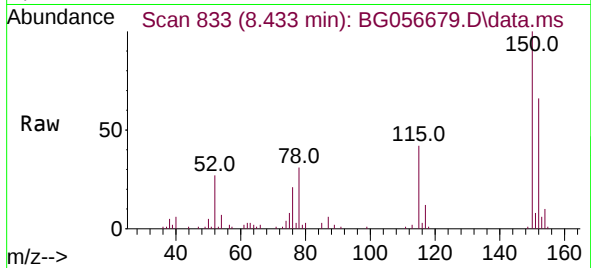
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.433 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

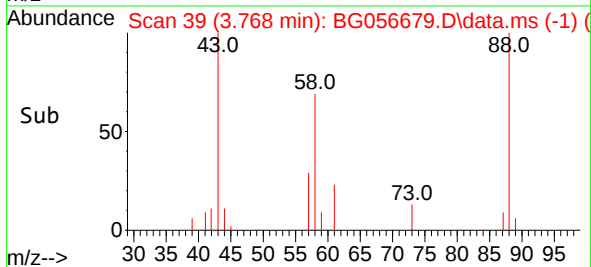
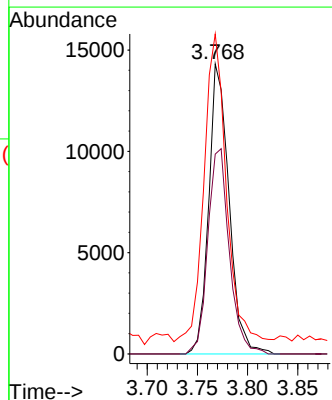
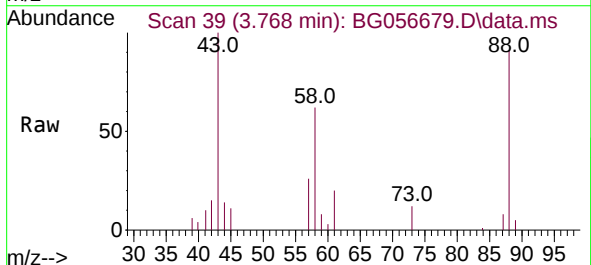
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

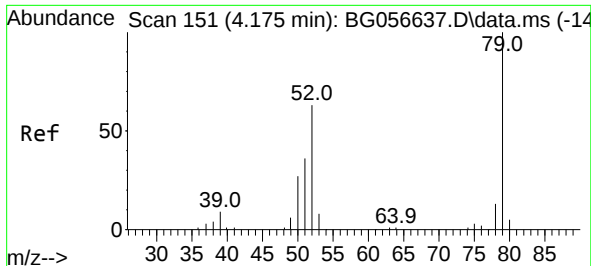
Tgt Ion:152 Resp: 22602
Ion Ratio Lower Upper
152 100
150 151.5 124.8 187.2
115 63.0 44.7 67.1



#2
1,4-Dioxane
Concen: 33.054 ng
RT: 3.768 min Scan# 39
Delta R.T. 0.010 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 88 Resp: 20130
Ion Ratio Lower Upper
88 100
58 74.6 62.2 93.2
43 116.6 26.6 40.0#

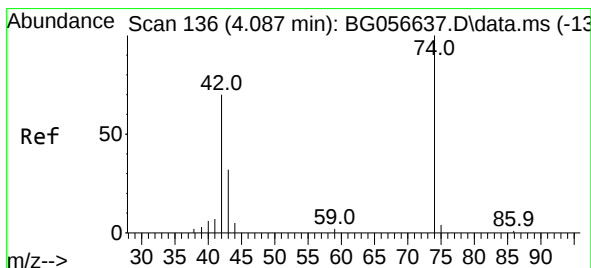
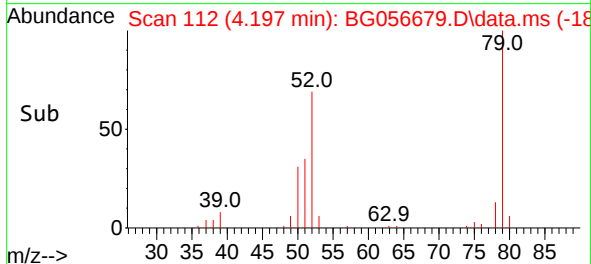
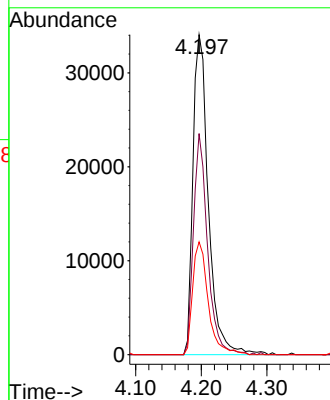
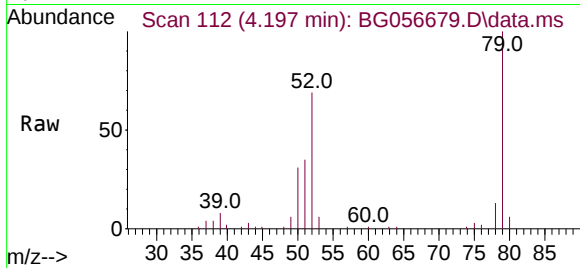




#3
Pyridine
Concen: 28.854 ng
RT: 4.197 min Scan# 11
Delta R.T. 0.022 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

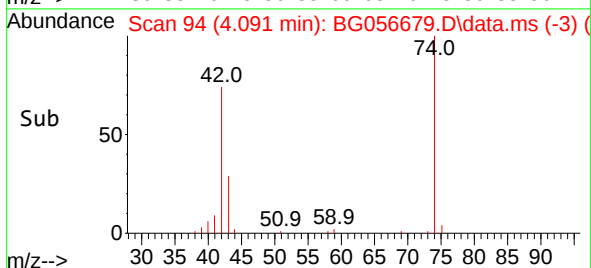
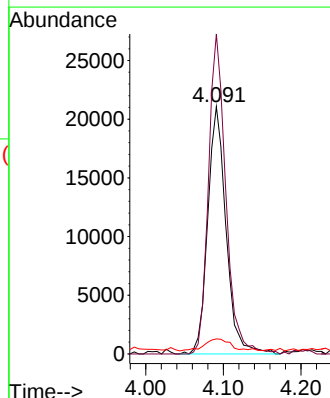
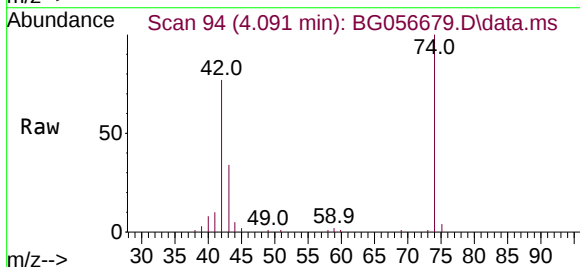
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

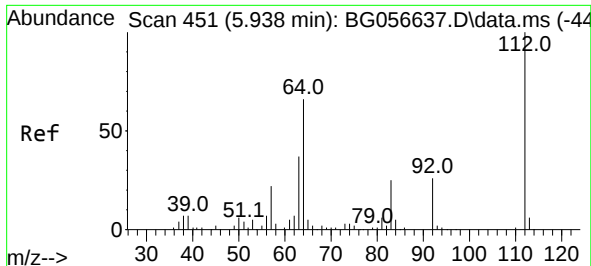
Tgt Ion: 79 Resp: 55583
Ion Ratio Lower Upper
79 100
52 69.1 50.8 76.2
51 35.2 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 38.509 ng
RT: 4.091 min Scan# 94
Delta R.T. 0.004 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 42 Resp: 34578
Ion Ratio Lower Upper
42 100
74 129.4 114.5 171.7
44 6.1 7.2 10.8

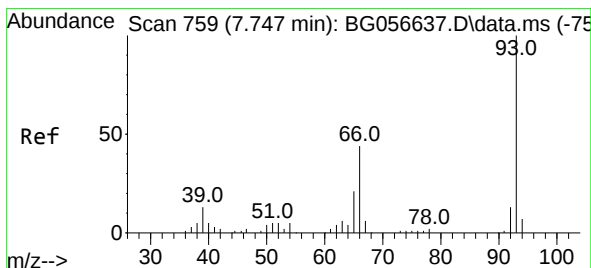
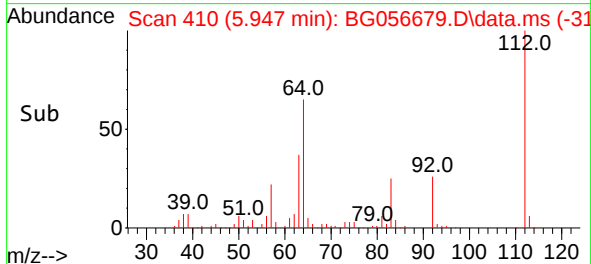
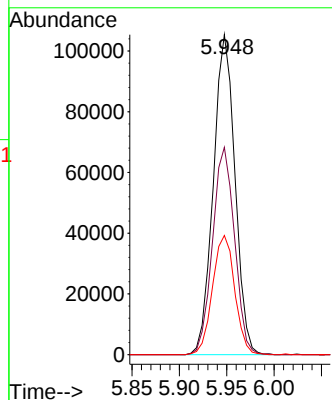
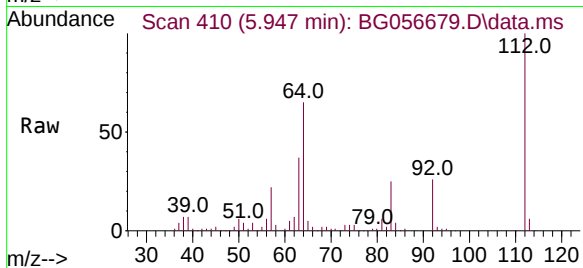




#5
2-Fluorophenol
Concen: 120.608 ng
RT: 5.947 min Scan# 410
Delta R.T. 0.010 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

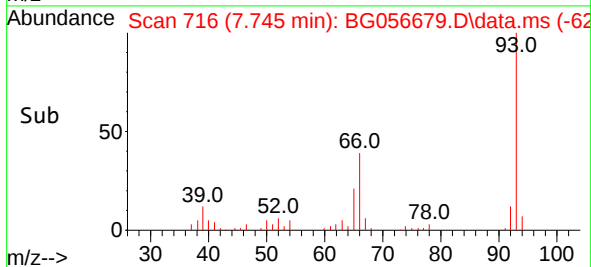
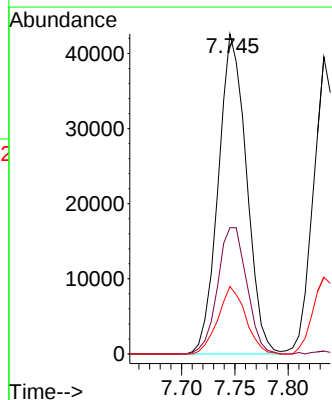
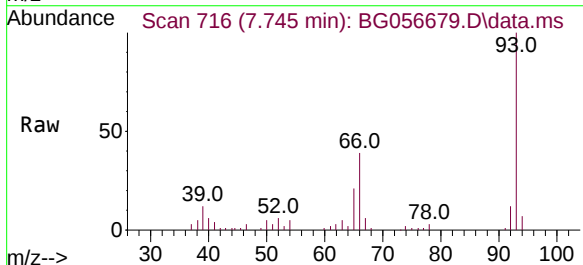
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

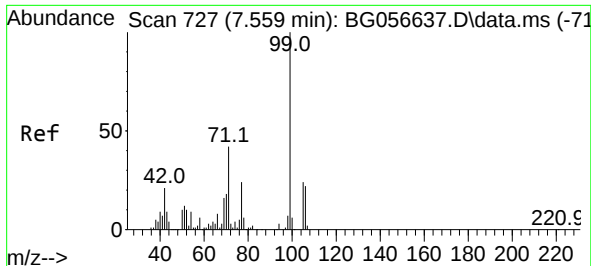
Tgt Ion:112 Resp: 167539
Ion Ratio Lower Upper
112 100
64 64.8 52.6 78.8
63 37.2 29.8 44.6



#6
Aniline
Concen: 27.430 ng
RT: 7.745 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 93 Resp: 78222
Ion Ratio Lower Upper
93 100
66 39.4 35.0 52.4
65 21.1 16.5 24.7

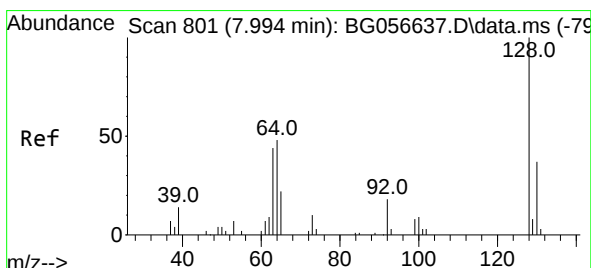
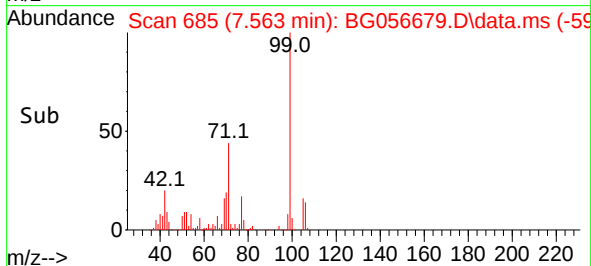
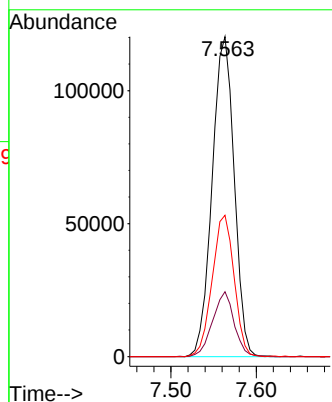
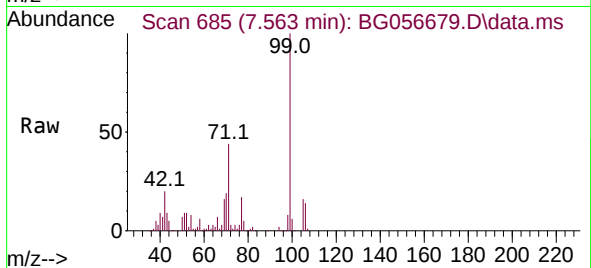




#7
Phenol-d6
Concen: 105.078 ng
RT: 7.563 min Scan# 685
Delta R.T. 0.004 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

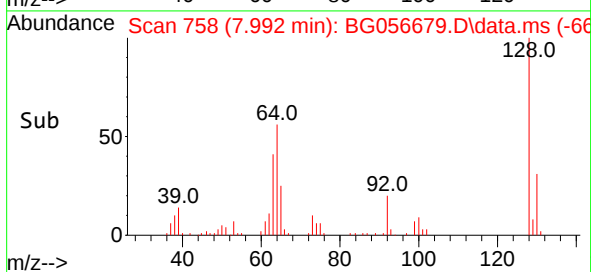
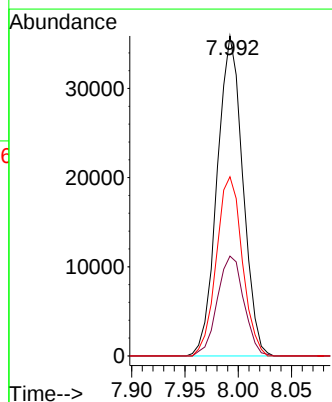
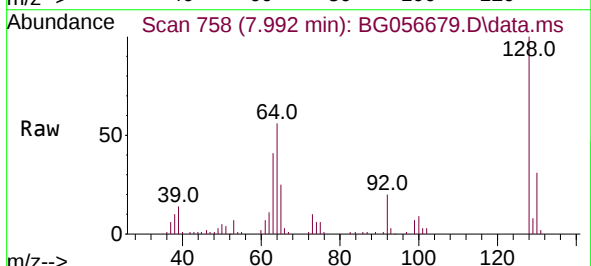
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

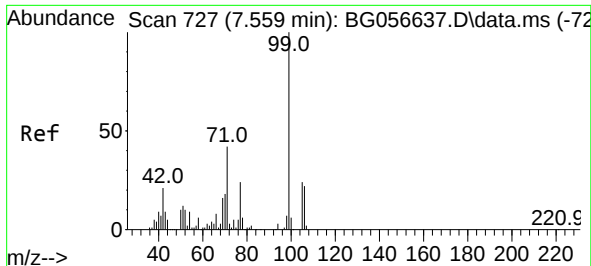
Tgt Ion: 99 Resp: 215614
Ion Ratio Lower Upper
99 100
42 20.3 16.8 25.2
71 44.2 33.9 50.9



#8
2-Chlorophenol
Concen: 43.797 ng
RT: 7.992 min Scan# 758
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 128 Resp: 60195
Ion Ratio Lower Upper
128 100
130 31.2 16.8 56.8
64 56.0 36.3 76.3

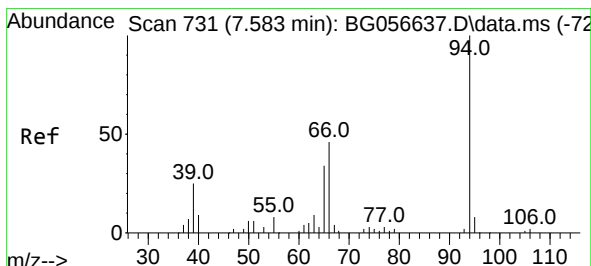
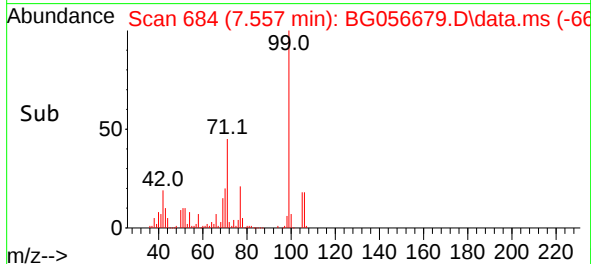
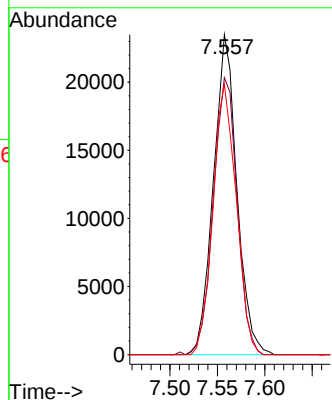
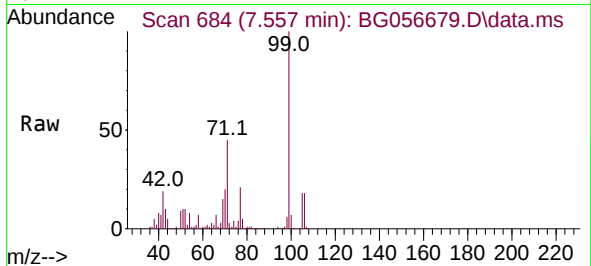




#9
Benzaldehyde
Concen: 37.194 ng
RT: 7.557 min Scan# 68
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

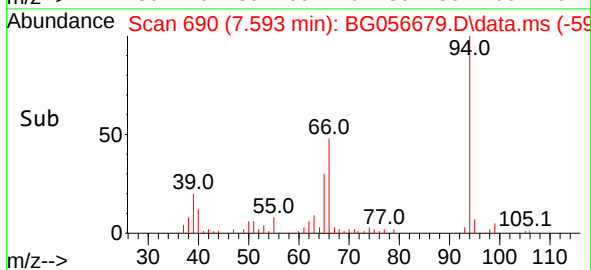
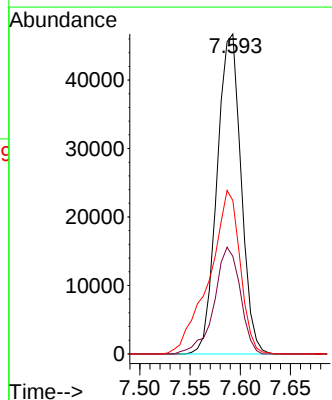
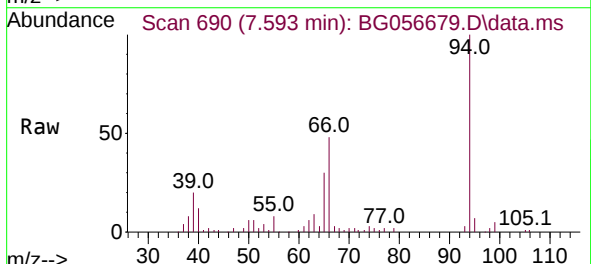
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

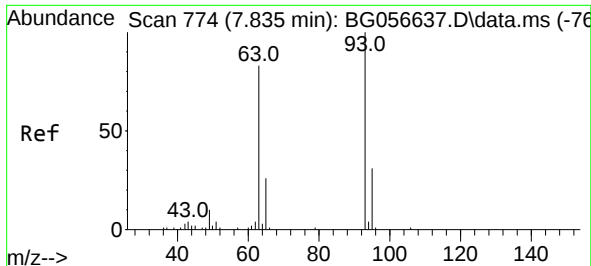
Tgt Ion: 77 Resp: 40361
Ion Ratio Lower Upper
77 100
105 86.5 78.4 118.4
106 84.5 71.3 111.3



#10
Phenol
Concen: 37.079 ng
RT: 7.593 min Scan# 690
Delta R.T. 0.010 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 94 Resp: 77829
Ion Ratio Lower Upper
94 100
65 30.5 14.2 54.2
66 47.9 27.9 67.9





#11

bis(2-Chloroethyl)ether

Concen: 38.865 ng

RT: 7.834 min Scan# 71

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

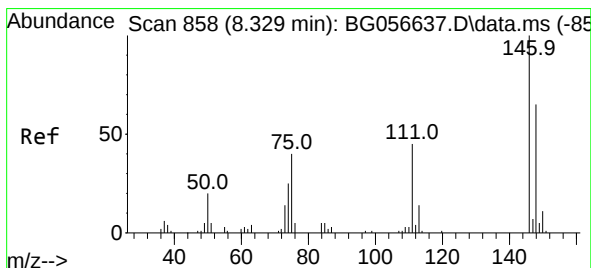
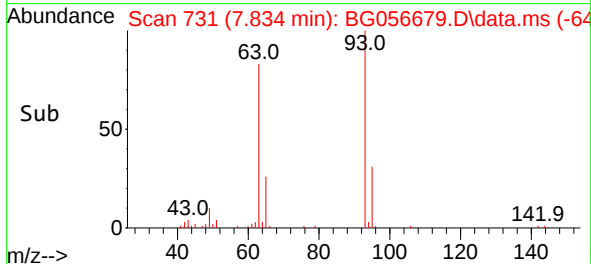
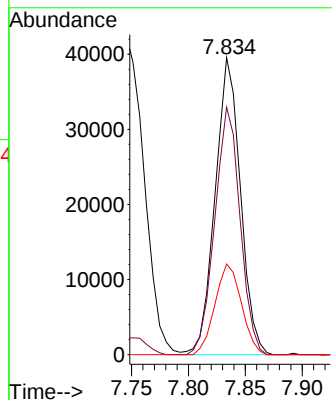
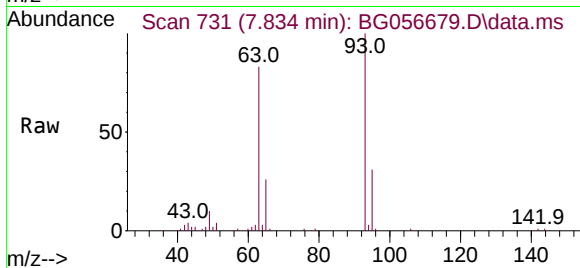
Tgt Ion: 93 Resp: 61209

Ion Ratio Lower Upper

93 100

63 83.3 62.8 102.8

95 30.5 10.8 50.8



#12

1,3-Dichlorobenzene

Concen: 39.953 ng

RT: 8.327 min Scan# 815

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

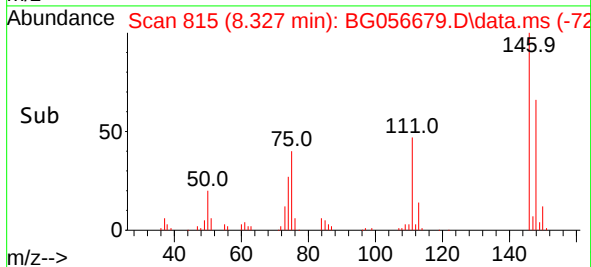
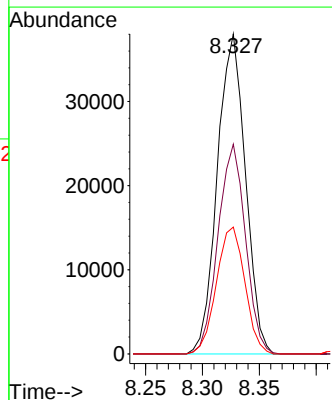
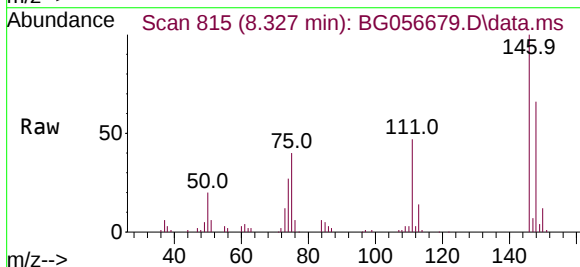
Tgt Ion:146 Resp: 65425

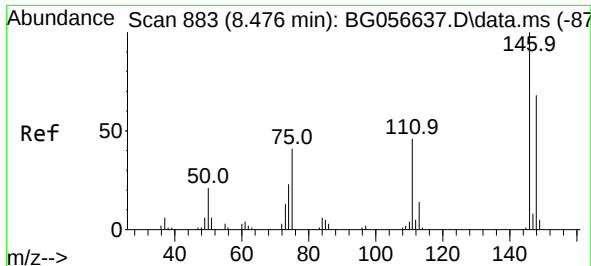
Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

75 39.6 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 40.059 ng

RT: 8.474 min Scan# 84

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

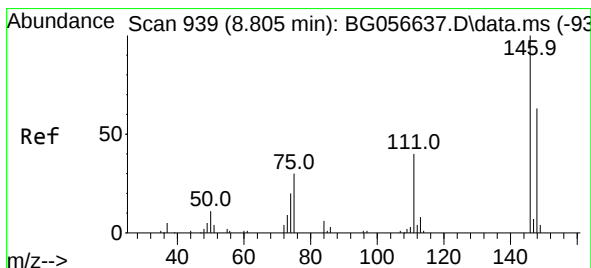
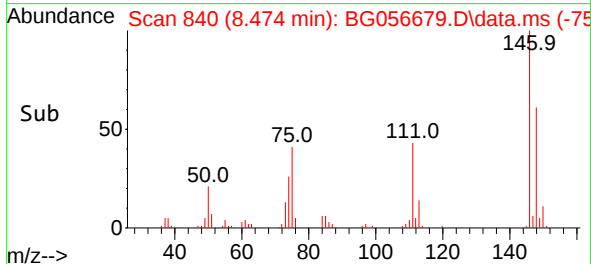
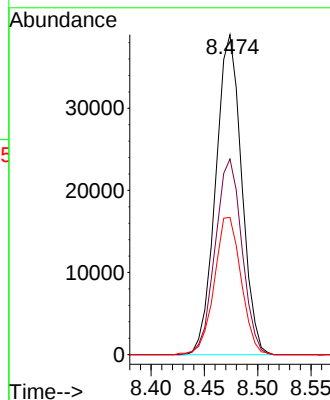
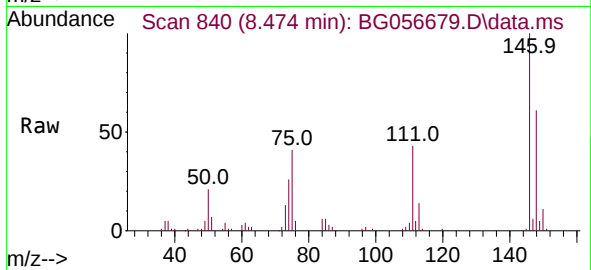
Tgt Ion:146 Resp: 66064

Ion Ratio Lower Upper

146 100

148 61.1 54.5 81.7

111 42.9 37.2 55.8



#14

1,2-Dichlorobenzene

Concen: 40.090 ng

RT: 8.797 min Scan# 895

Delta R.T. -0.008 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

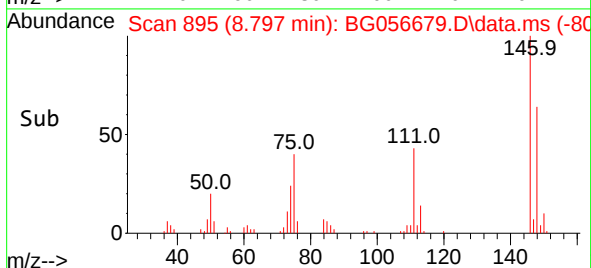
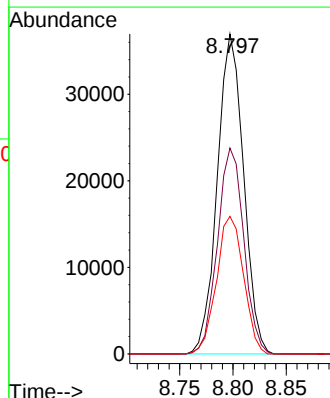
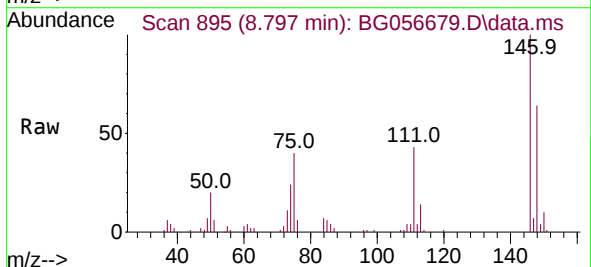
Tgt Ion:146 Resp: 63549

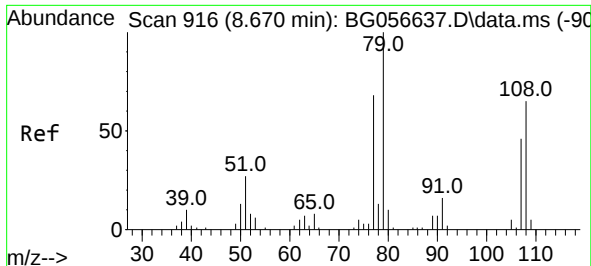
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 43.0 33.8 50.6

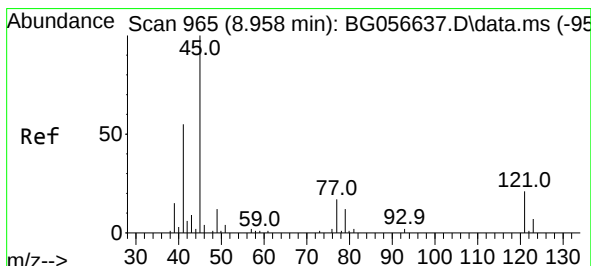
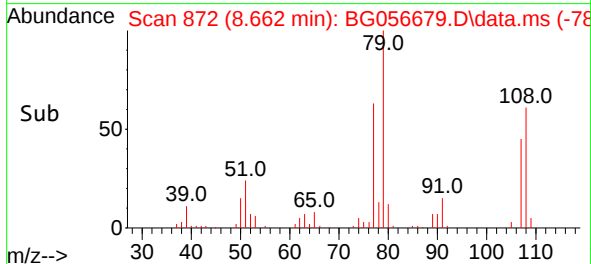
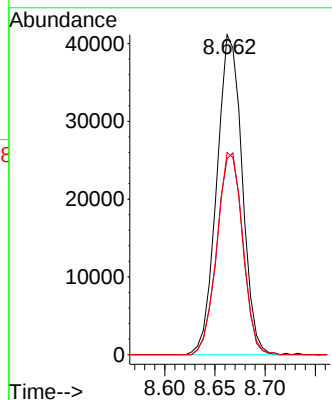
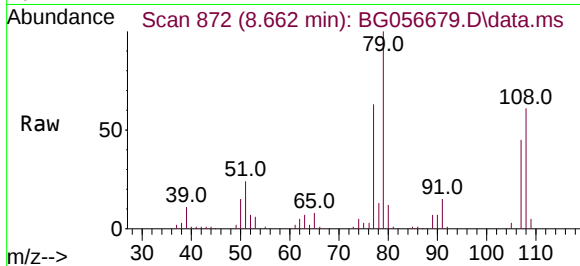




#15
Benzyl Alcohol
Concen: 39.319 ng
RT: 8.662 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

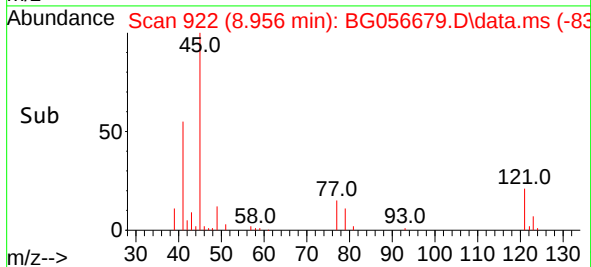
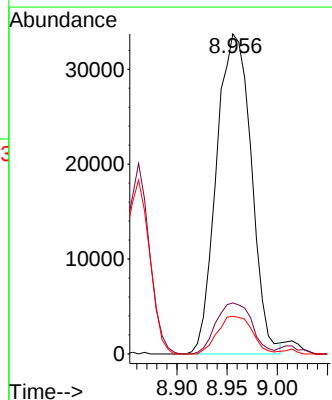
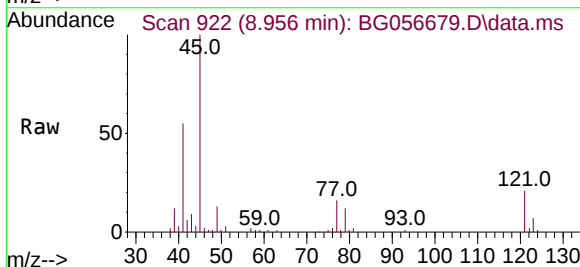
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

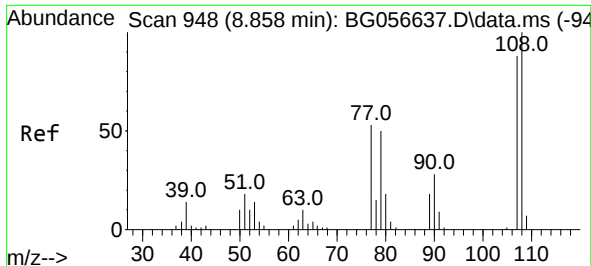
Tgt Ion: 79 Resp: 72242
Ion Ratio Lower Upper
79 100
108 61.2 52.0 78.0
77 63.2 54.2 81.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.436 ng
RT: 8.956 min Scan# 922
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

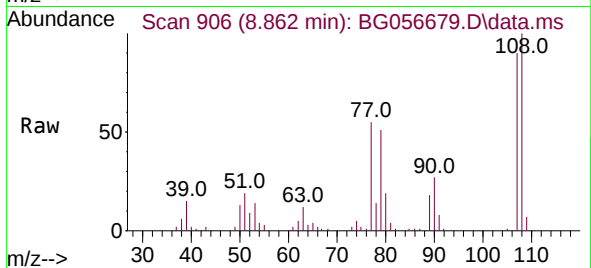
Tgt Ion: 45 Resp: 81269
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.5
79 11.7 0.0 31.6



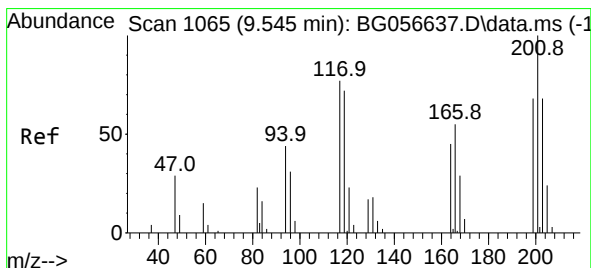
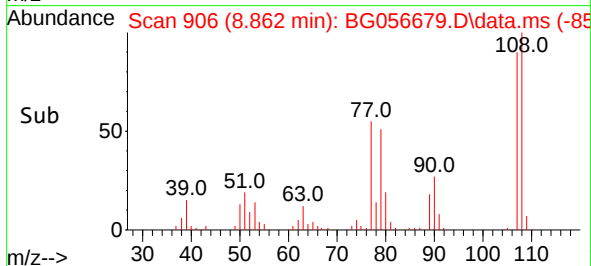
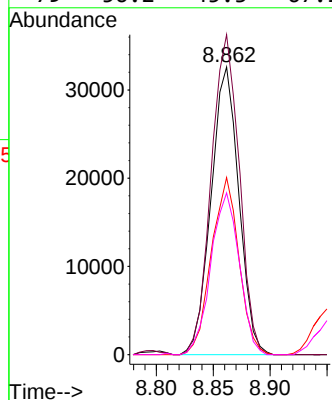


#17
2-Methylphenol
Concen: 37.588 ng
RT: 8.862 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

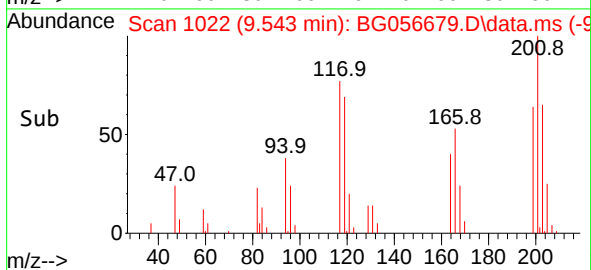
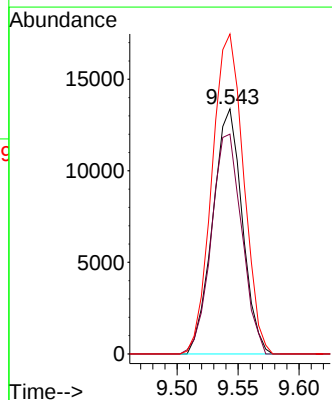
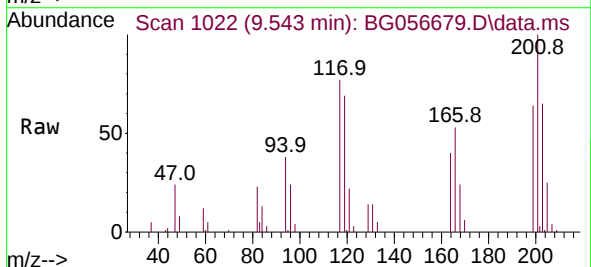


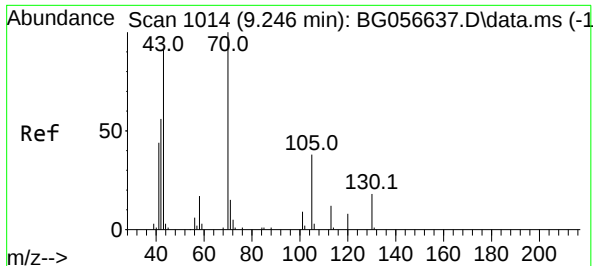
Tgt Ion:	107	Resp:	55445
Ion Ratio	Lower	Upper	
107	100		
108	111.2	91.3	136.9
77	61.6	48.5	72.7
79	56.2	45.3	67.9



#18
Hexachloroethane
Concen: 43.225 ng
RT: 9.543 min Scan# 1022
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:	117	Resp:	22581
Ion Ratio	Lower	Upper	
117	100		
119	89.6	74.1	111.1
201	134.0	106.4	159.6

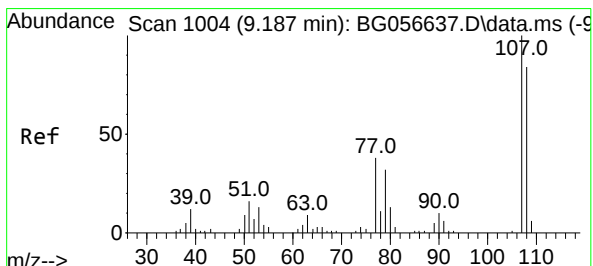
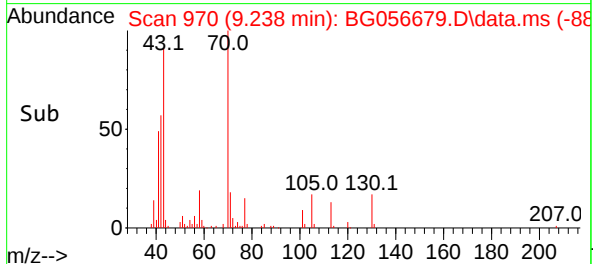
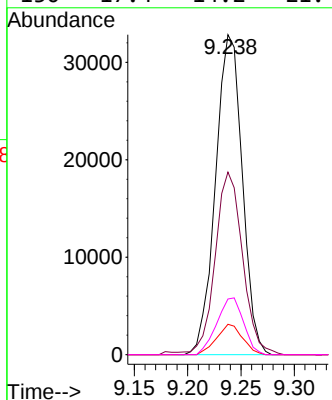
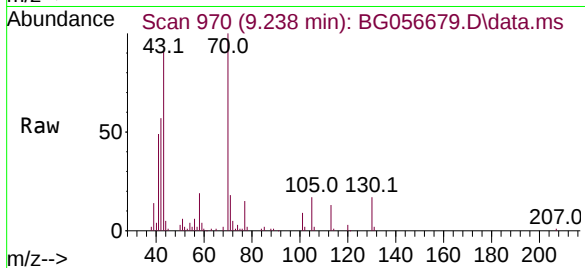




#19
n-Nitroso-di-n-propylamine
Concen: 37.364 ng
RT: 9.238 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

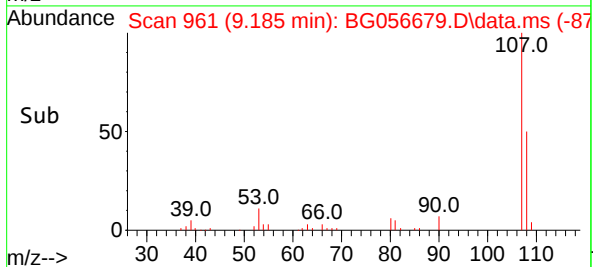
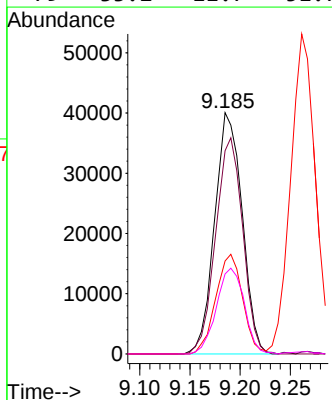
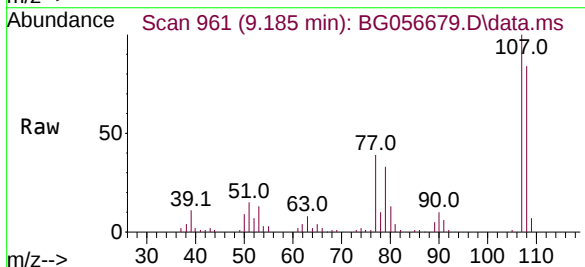
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

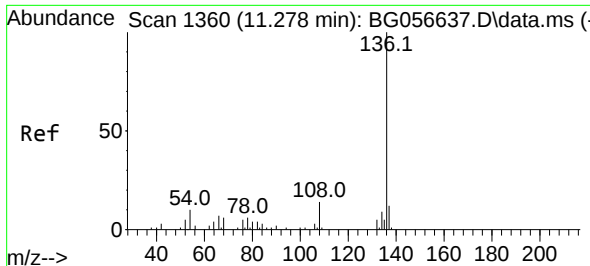
Tgt Ion:	70	Resp:	57397
Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.7	68.5
101	9.5	7.4	11.0
130	17.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 37.656 ng
RT: 9.185 min Scan# 961
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:	107	Resp:	76303
Ion	Ratio	Lower	Upper
107	100		
108	84.2	64.3	104.3
77	38.5	17.8	57.8
79	33.2	11.7	51.7

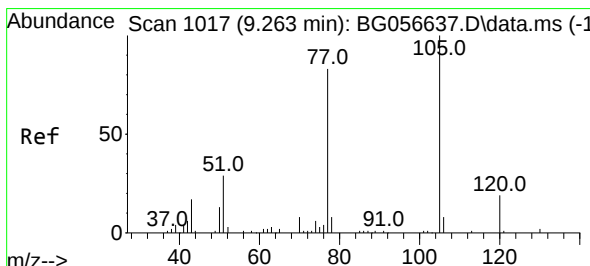
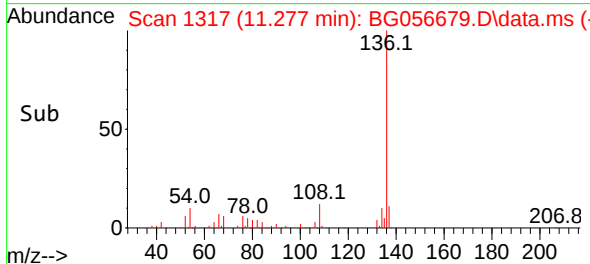
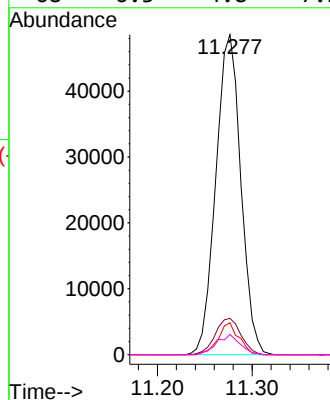
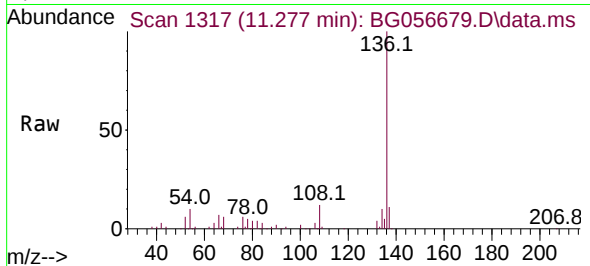




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.277 min Scan# 1360
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

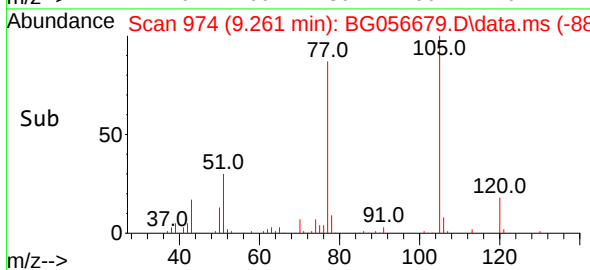
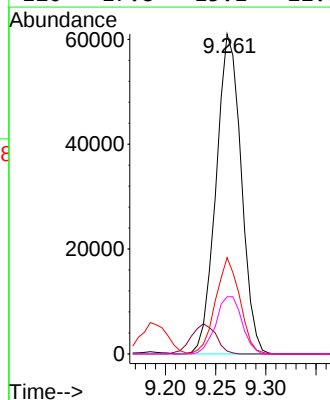
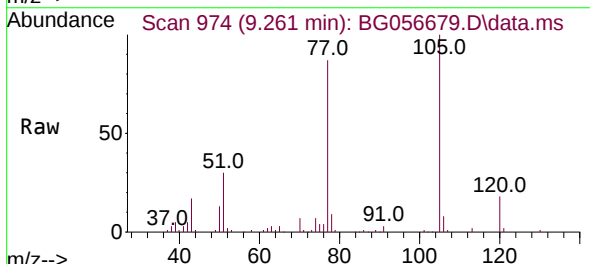
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

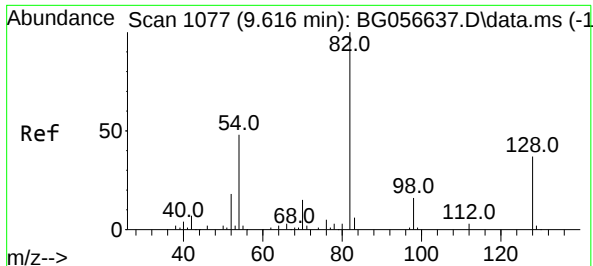
Tgt Ion:136	Resp:	88928
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.7 14.5
54	10.0	7.7 11.5
68	6.3	4.8 7.2



#22
Acetophenone
Concen: 39.046 ng
RT: 9.261 min Scan# 974
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:105	Resp:	106095
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.4 2.0#
51	30.1	23.9 35.9
120	17.8	15.1 22.7





#23

Nitrobenzene-d5

Concen: 88.519 ng

RT: 9.614 min Scan# 1077

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

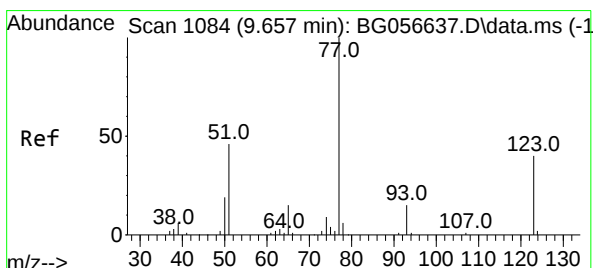
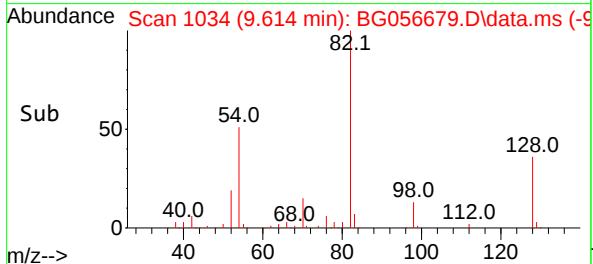
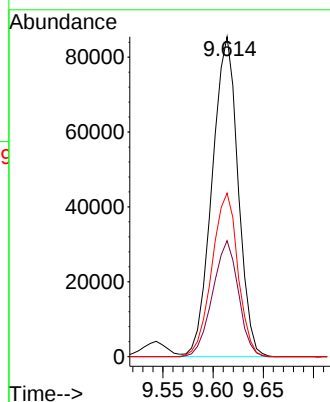
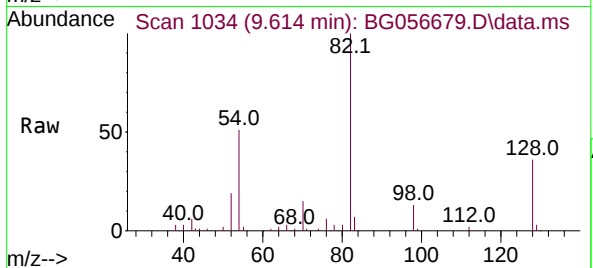
Tgt Ion: 82 Resp: 153742

Ion Ratio Lower Upper

82 100

128 36.2 29.4 44.2

54 51.1 37.8 56.6



#24

Nitrobenzene

Concen: 42.173 ng

RT: 9.655 min Scan# 1041

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

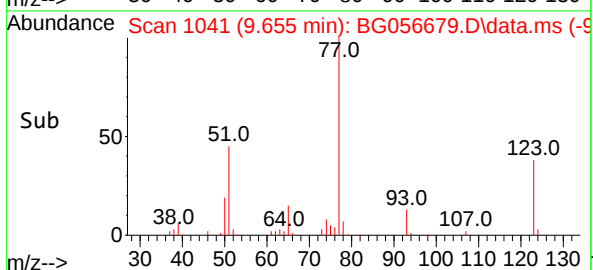
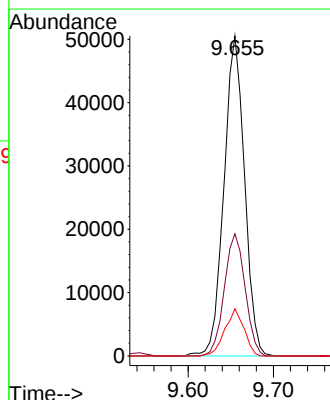
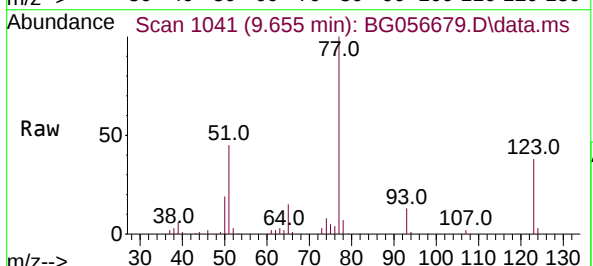
Tgt Ion: 77 Resp: 84617

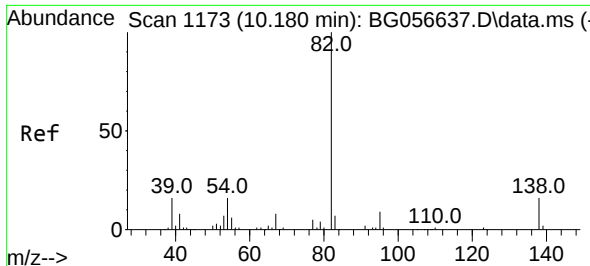
Ion Ratio Lower Upper

77 100

123 38.2 31.8 47.8

65 14.7 12.0 18.0

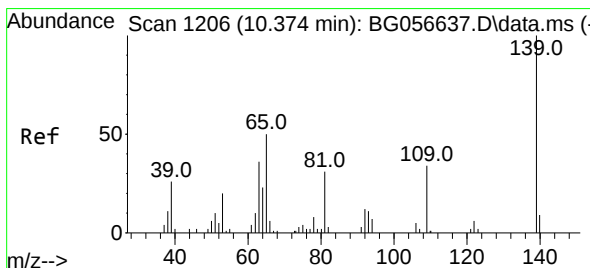
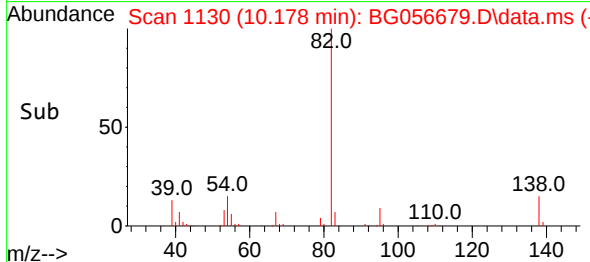
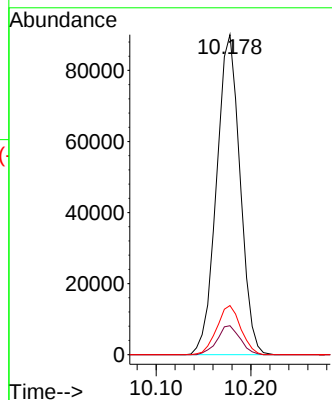
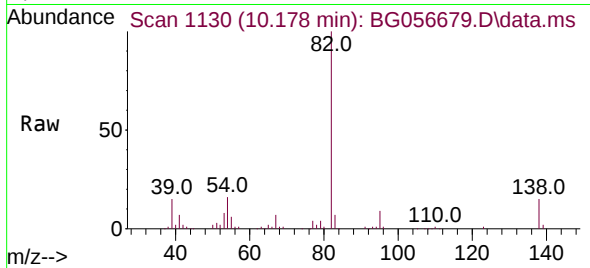




#25
Isophorone
Concen: 36.651 ng
RT: 10.178 min Scan# 1173
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

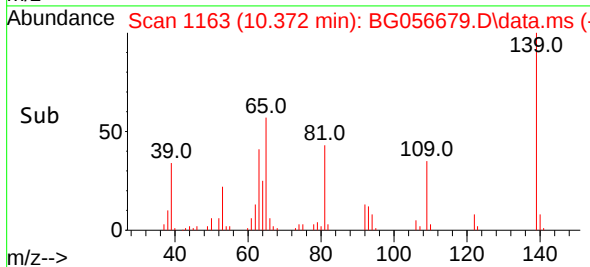
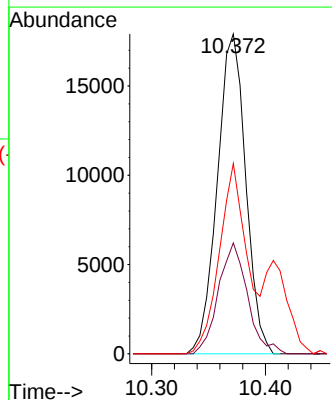
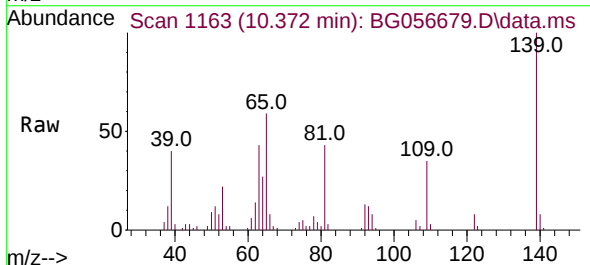
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

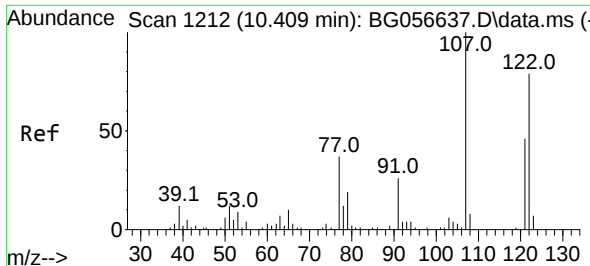
Tgt Ion: 82 Resp: 154924
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 15.3 12.9 19.3



#26
2-Nitrophenol
Concen: 43.489 ng
RT: 10.372 min Scan# 1163
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 139 Resp: 31101
Ion Ratio Lower Upper
139 100
109 34.7 27.0 40.6
65 59.5 40.0 60.0

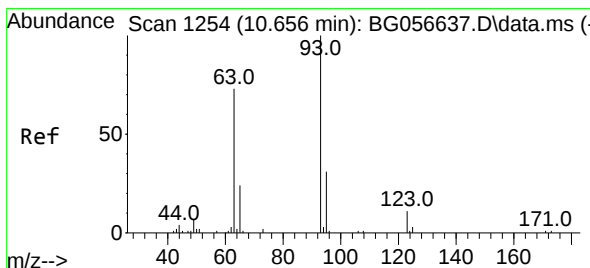
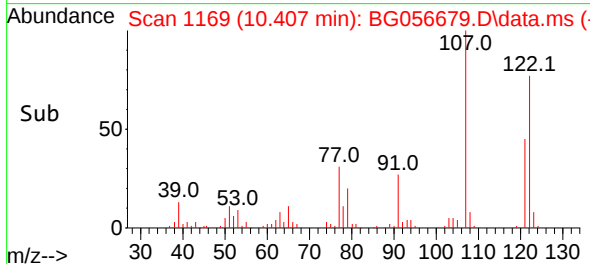
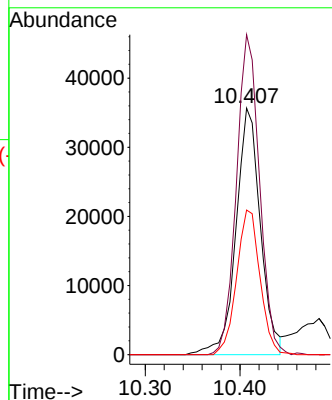
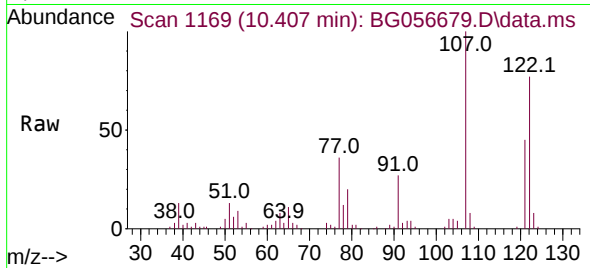




#27
2,4-Dimethylphenol
Concen: 38.983 ng
RT: 10.407 min Scan# 1169
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

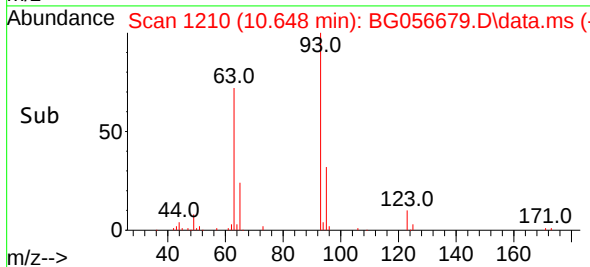
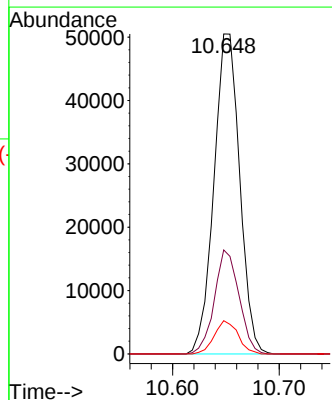
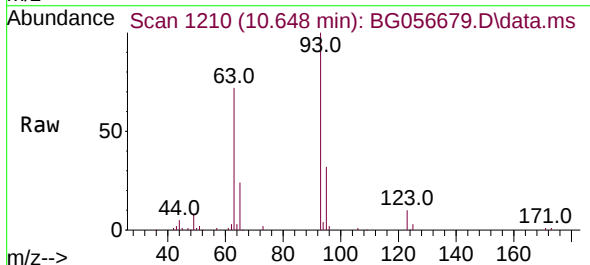
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

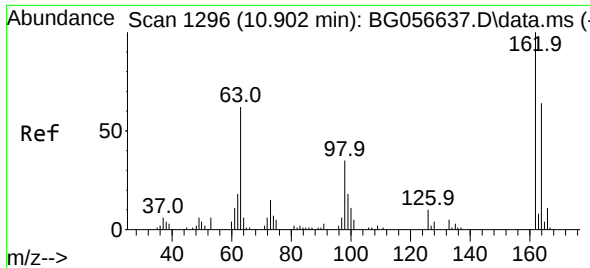
Tgt Ion:122 Resp: 63708
Ion Ratio Lower Upper
122 100
107 129.8 101.6 152.4
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.334 ng
RT: 10.648 min Scan# 1210
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion: 93 Resp: 84734
Ion Ratio Lower Upper
93 100
95 32.5 24.5 36.7
123 10.4 8.7 13.1

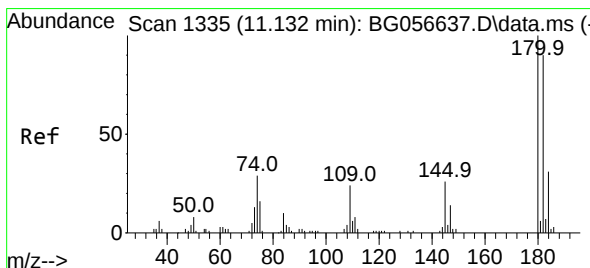
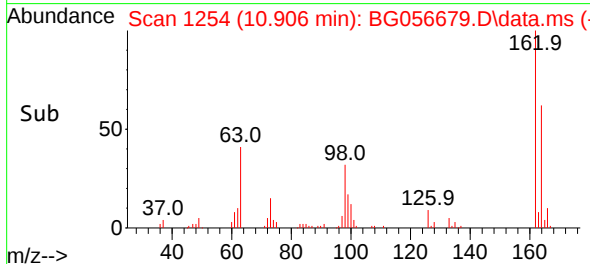
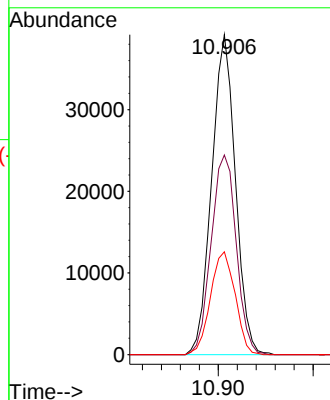
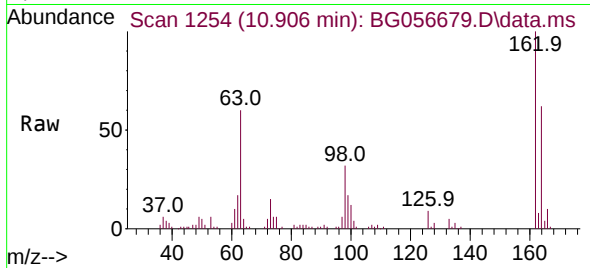




#29
2,4-Dichlorophenol
Concen: 42.025 ng
RT: 10.906 min Scan# 1296
Delta R.T. 0.004 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

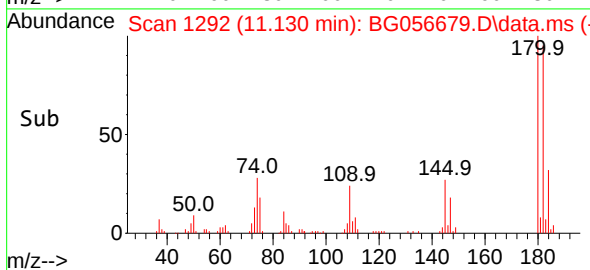
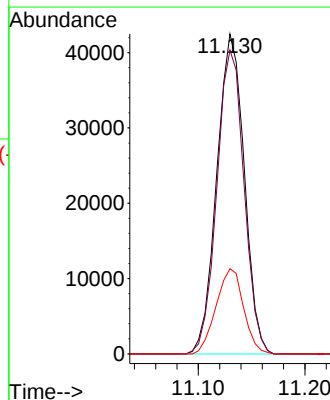
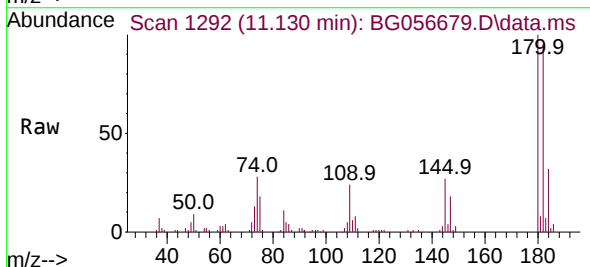
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

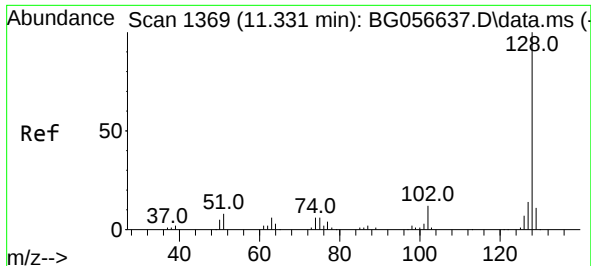
Tgt Ion:162 Resp: 68067
Ion Ratio Lower Upper
162 100
164 62.4 44.1 84.1
98 32.1 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 39.425 ng
RT: 11.130 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:180 Resp: 76067
Ion Ratio Lower Upper
180 100
182 94.9 71.7 107.5
145 26.6 20.6 30.8

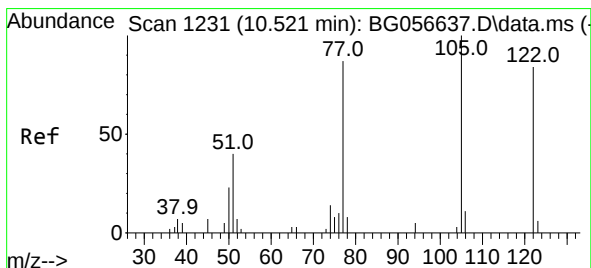
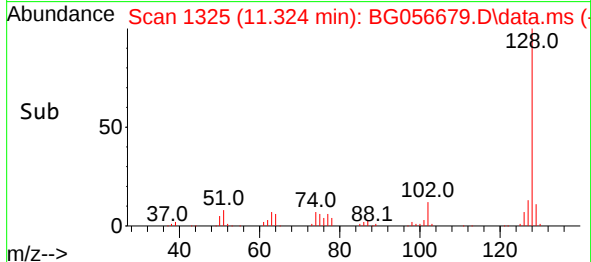
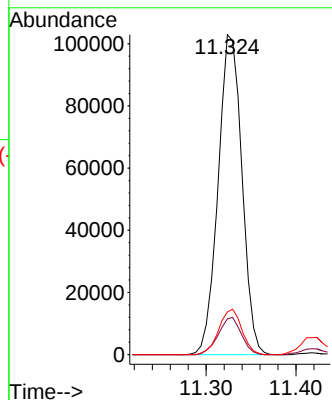
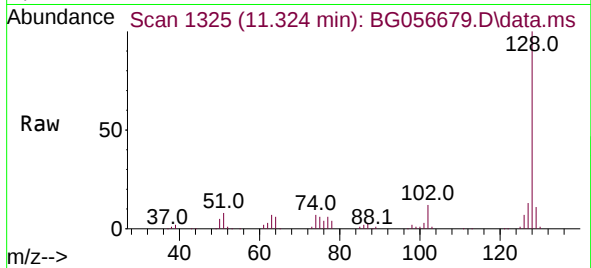




#31
Naphthalene
Concen: 38.514 ng
RT: 11.324 min Scan# 1182
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

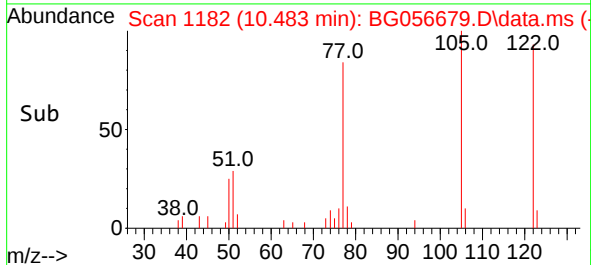
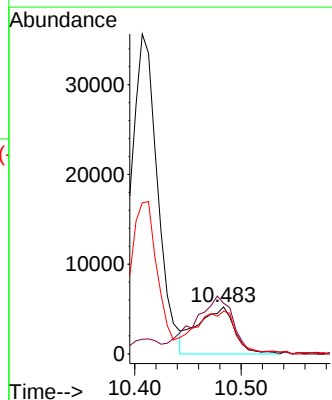
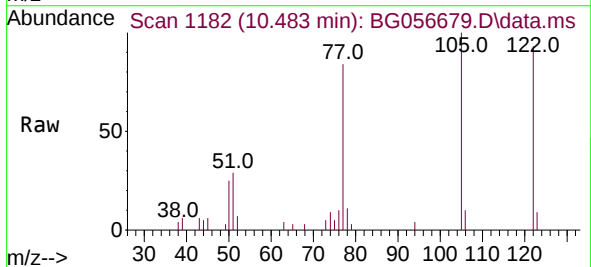
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

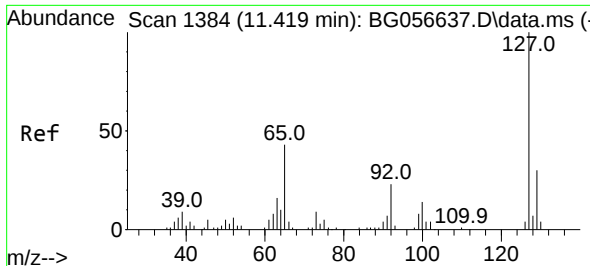
Tgt Ion:128 Resp: 189819
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 12.036 ng m
RT: 10.483 min Scan# 1182
Delta R.T. -0.038 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:122 Resp: 12677
Ion Ratio Lower Upper
122 100
105 107.9 100.5 140.5
77 90.8 80.8 120.8

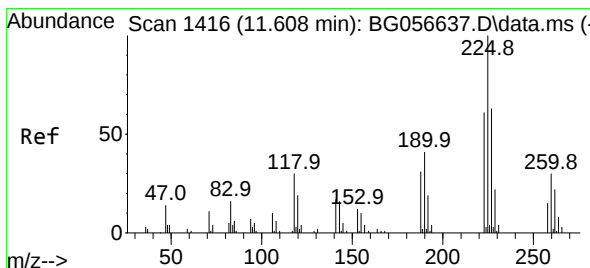
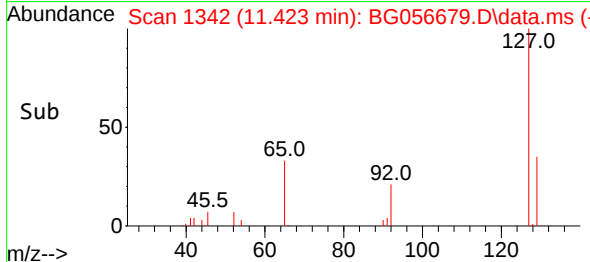
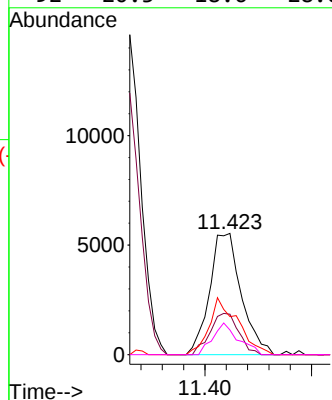
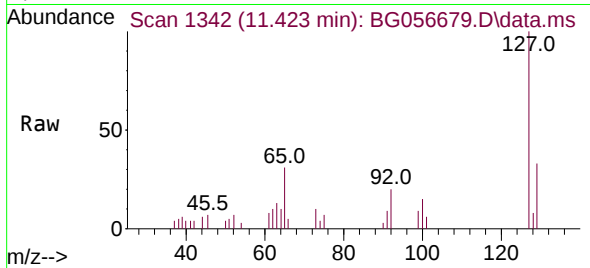




#33
4-Chloroaniline
Concen: 5.076 ng
RT: 11.423 min Scan# 1384
Delta R.T. 0.004 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

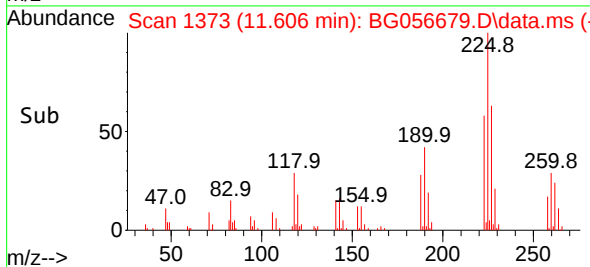
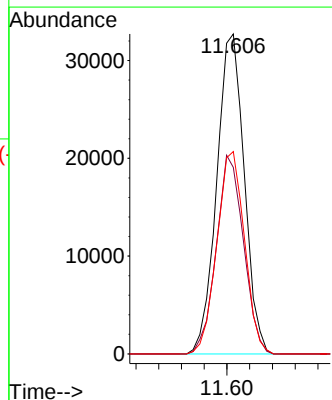
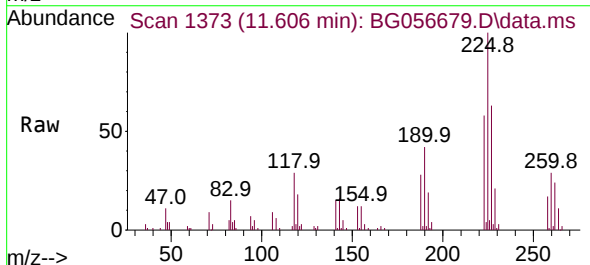
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

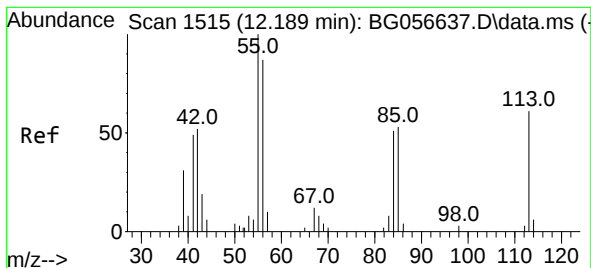
Tgt Ion:	127	Resp:	11429
Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.1	36.1
65	31.3	34.3	51.5#
92	20.3	18.6	28.0



#34
Hexachlorobutadiene
Concen: 39.818 ng
RT: 11.606 min Scan# 1373
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:	225	Resp:	54902
Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.5	72.7
227	63.2	50.2	75.4





#35

Caprolactam

Concen: 32.934 ng m

RT: 12.176 min Scan# 14

Delta R.T. -0.014 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

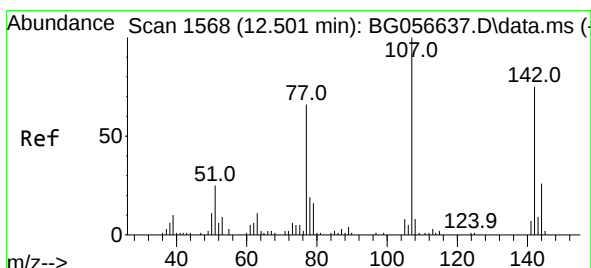
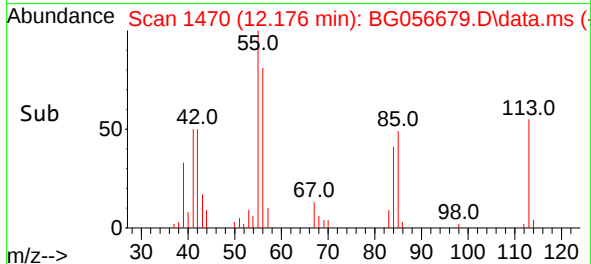
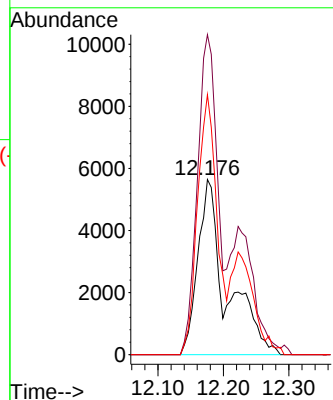
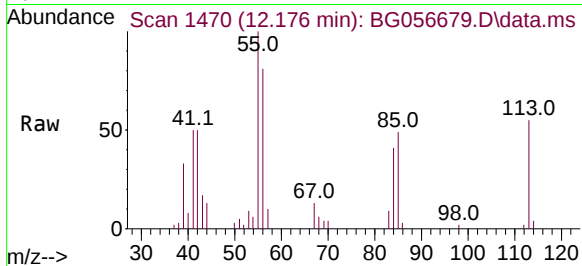
Tgt Ion:113 Resp: 17157

Ion Ratio Lower Upper

113 100

55 182.7 145.0 185.0

56 148.4 122.9 162.9



#36

4-Chloro-3-methylphenol

Concen: 39.513 ng

RT: 12.499 min Scan# 1525

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

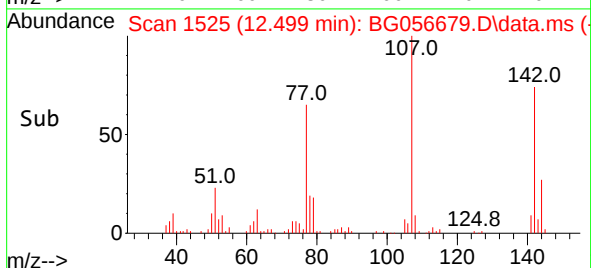
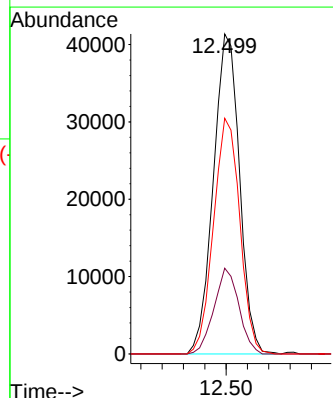
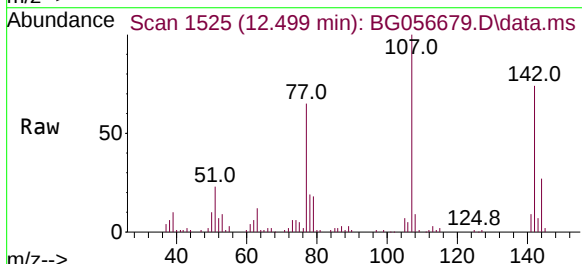
Tgt Ion:107 Resp: 70577

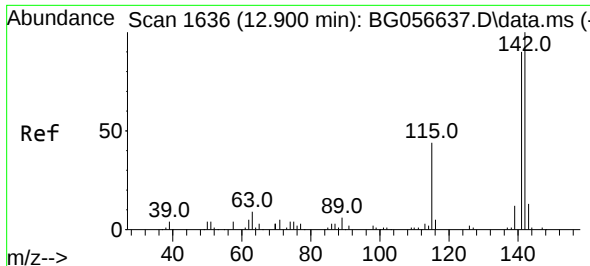
Ion Ratio Lower Upper

107 100

144 26.8 21.0 31.4

142 73.6 60.1 90.1

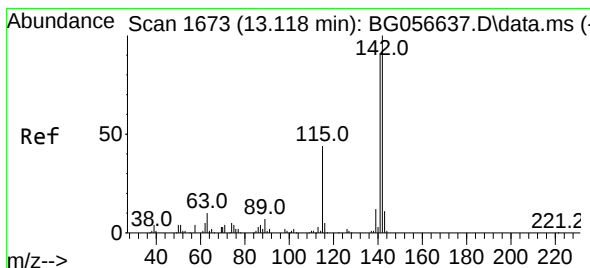
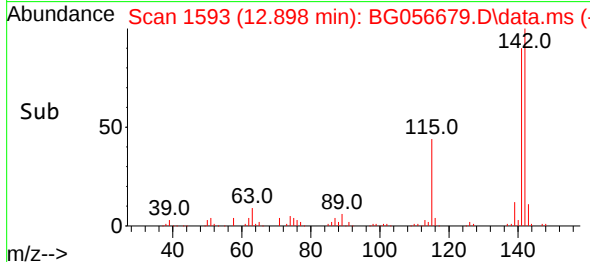
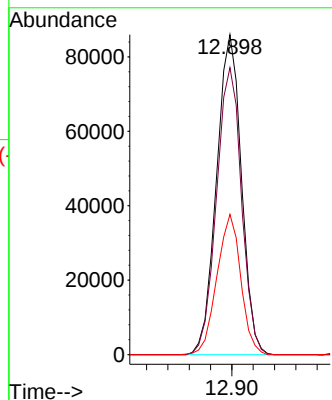
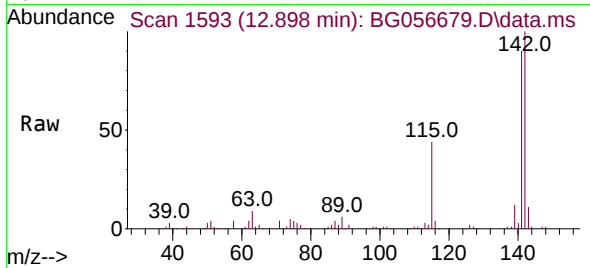




#37
2-Methylnaphthalene
Concen: 35.851 ng
RT: 12.898 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

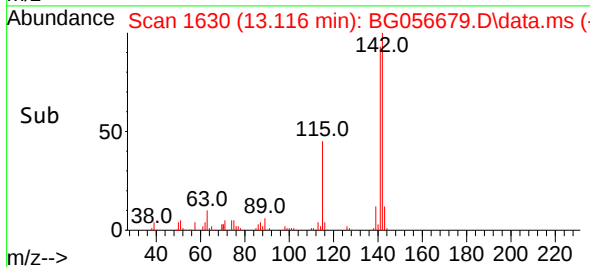
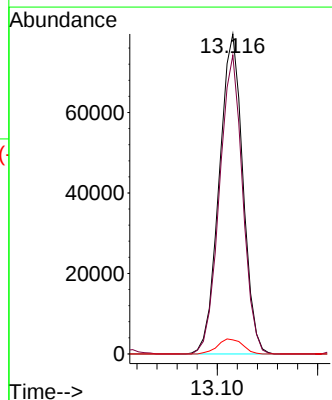
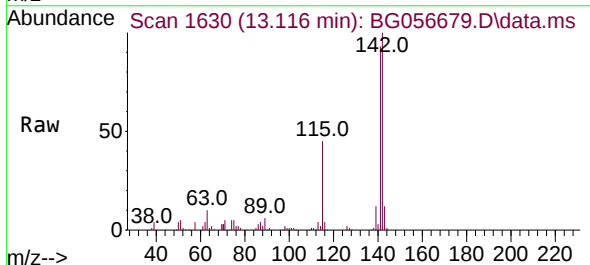
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

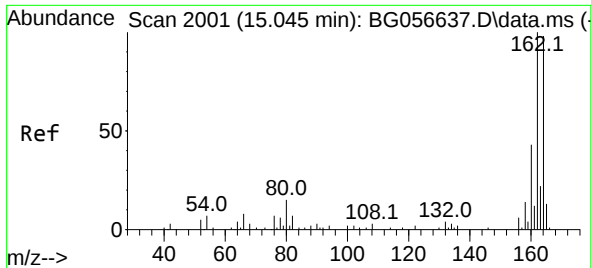
Tgt Ion:142 Resp: 139514
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 43.8 35.1 52.7



#38
1-Methylnaphthalene
Concen: 35.835 ng
RT: 13.116 min Scan# 1630
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:142 Resp: 130125
Ion Ratio Lower Upper
142 100
141 93.3 72.7 109.1
116 4.4 4.2 6.4

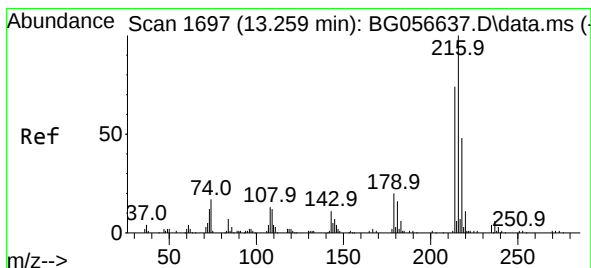
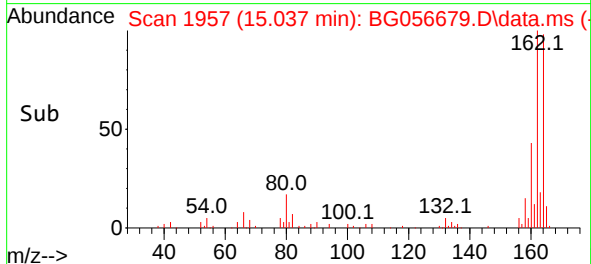
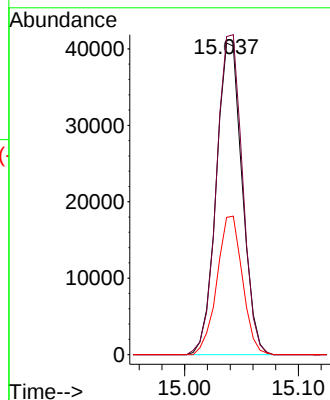
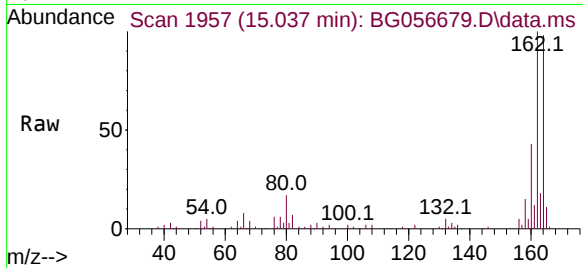




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.037 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

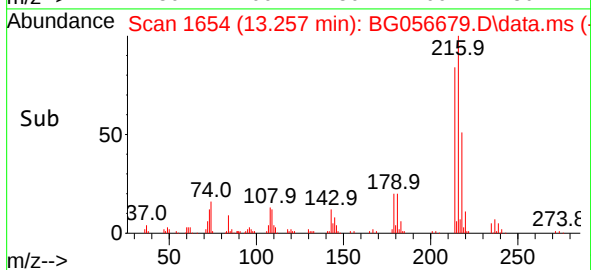
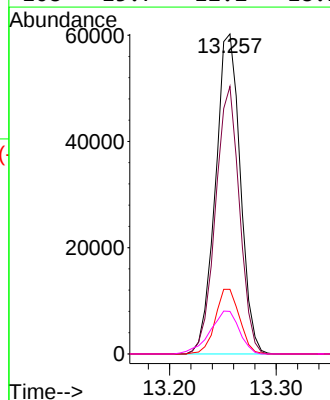
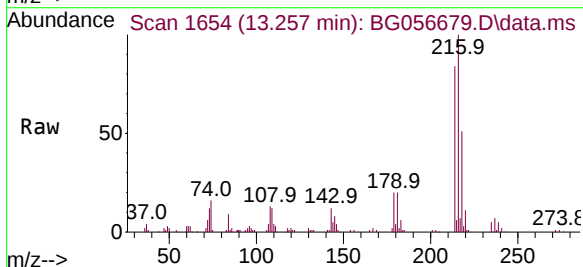
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

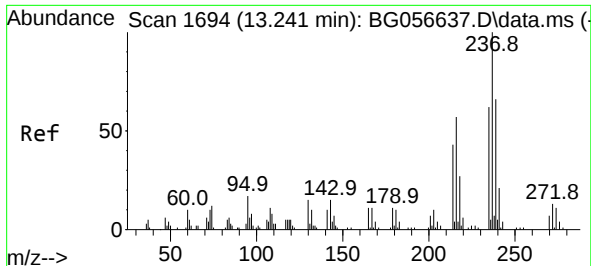
Tgt Ion:164 Resp: 64528
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.0 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.702 ng
RT: 13.257 min Scan# 1654
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:216 Resp: 97635
Ion Ratio Lower Upper
216 100
214 80.4 61.8 92.8
179 19.7 15.1 22.7
108 15.7 12.2 18.2

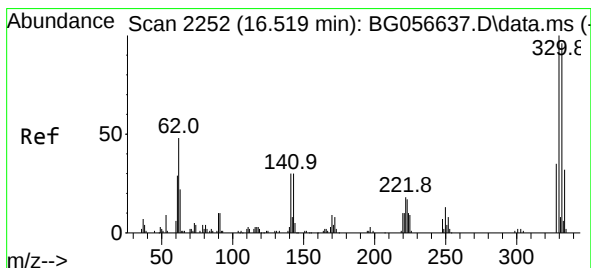
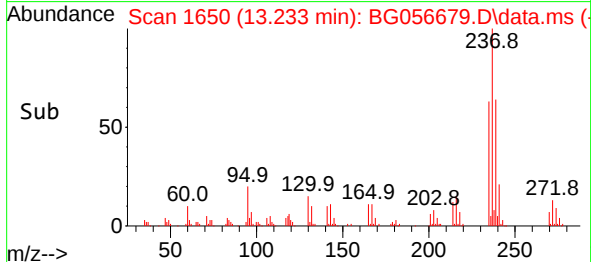
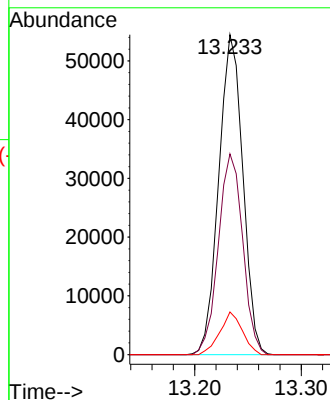
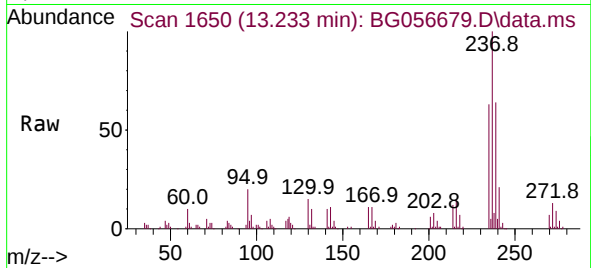




#41
Hexachlorocyclopentadiene
Concen: 65.765 ng
RT: 13.233 min Scan# 110
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

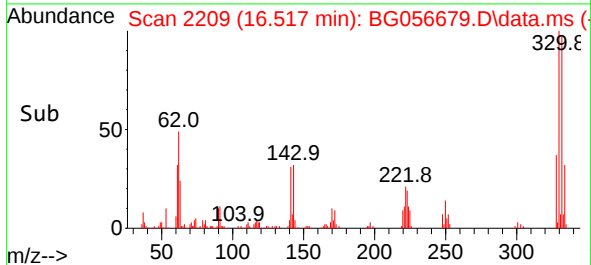
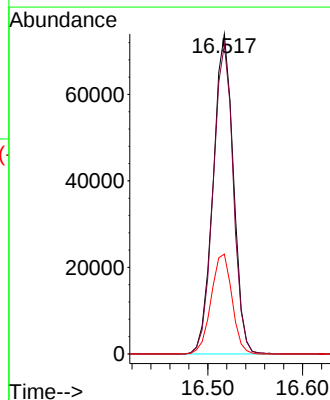
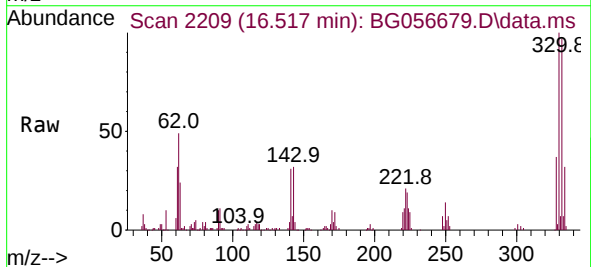
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

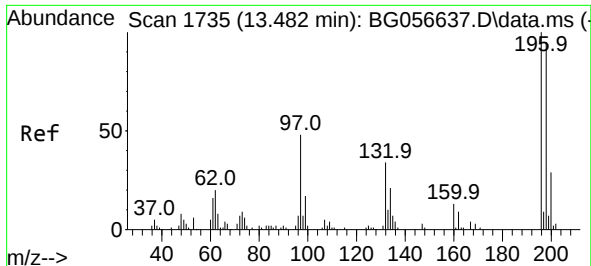
Tgt Ion:237 Resp: 85564
Ion Ratio Lower Upper
237 100
235 62.7 41.6 81.6
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 123.947 ng
RT: 16.517 min Scan# 2209
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:330 Resp: 109503
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 32.2 24.6 37.0

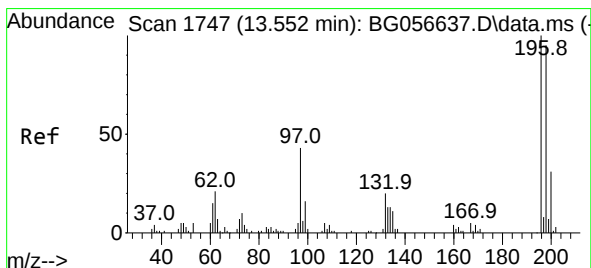
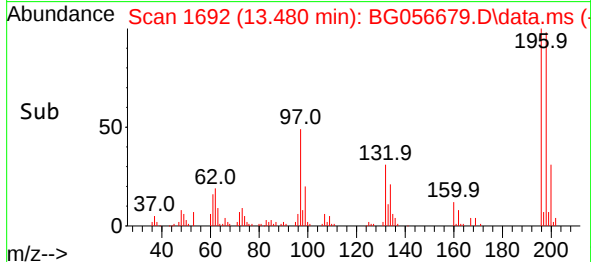
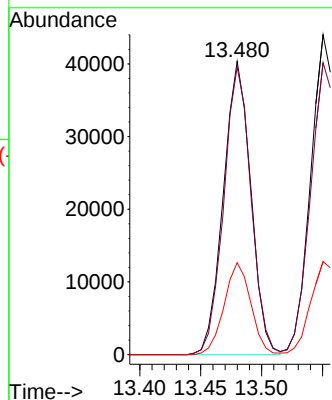
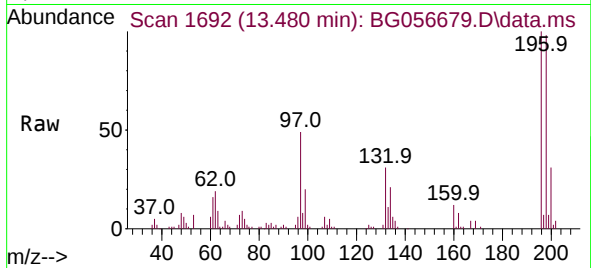




#43
2,4,6-Trichlorophenol
Concen: 43.391 ng
RT: 13.480 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

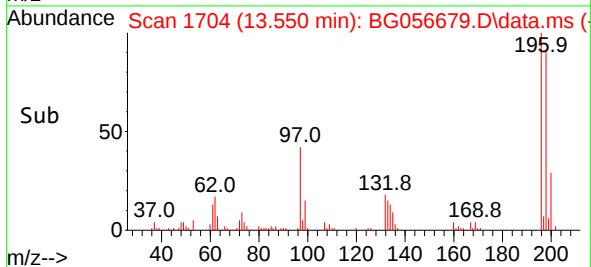
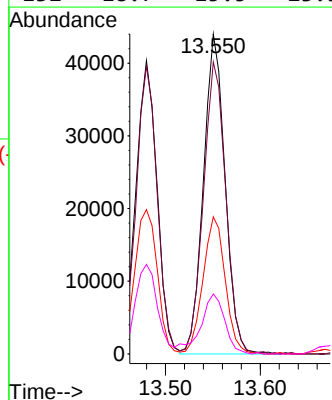
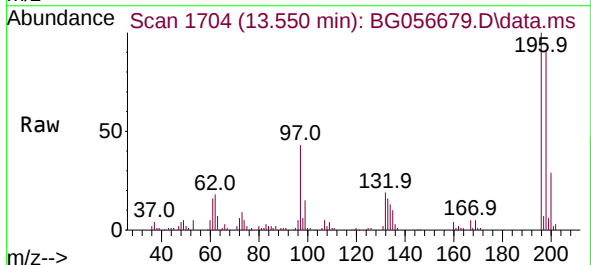
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

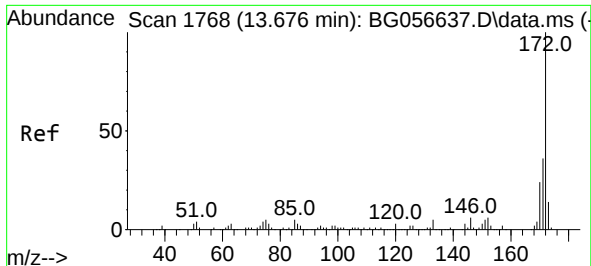
Tgt Ion:196 Resp: 63152
Ion Ratio Lower Upper
196 100
198 98.2 76.2 114.2
200 31.3 23.2 34.8



#44
2,4,5-Trichlorophenol
Concen: 40.042 ng
RT: 13.550 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:196 Resp: 69847
Ion Ratio Lower Upper
196 100
198 91.2 76.2 114.4
97 42.8 34.9 52.3
132 18.7 15.5 23.3

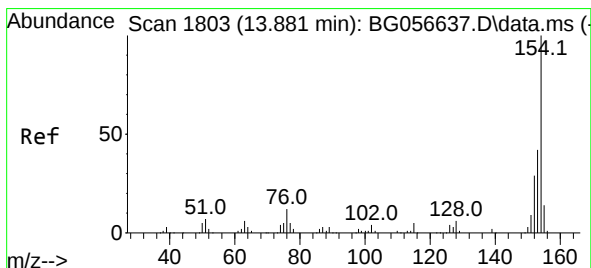
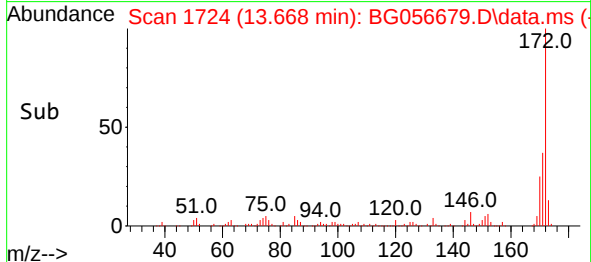
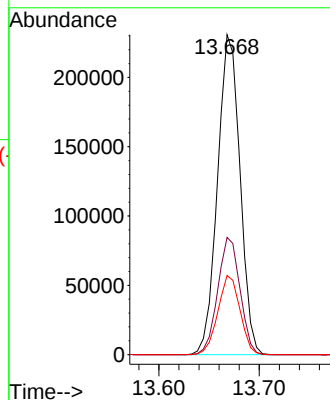
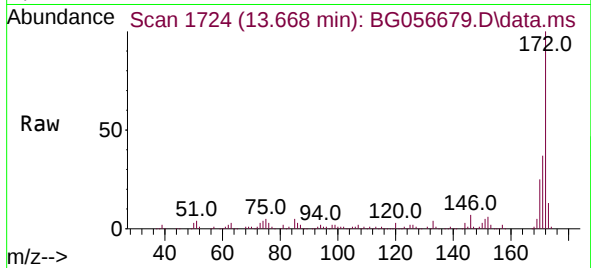




#45
2-Fluorobiphenyl
Concen: 74.636 ng
RT: 13.668 min Scan# 1760
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

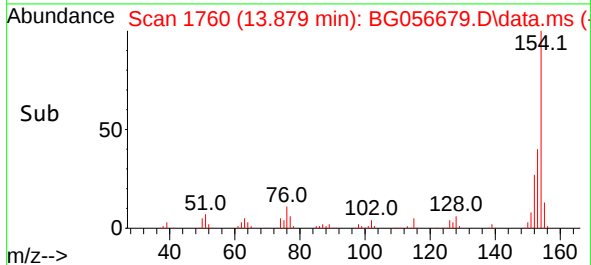
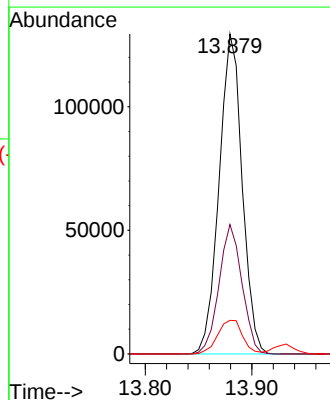
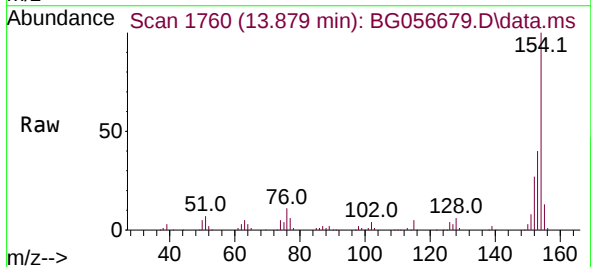
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

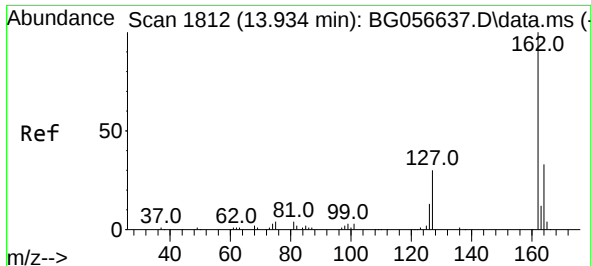
Tgt Ion:172 Resp: 359665
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.7 19.4 29.0



#46
1,1'-Biphenyl
Concen: 39.787 ng
RT: 13.879 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:154 Resp: 194482
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 10.5 0.0 31.9

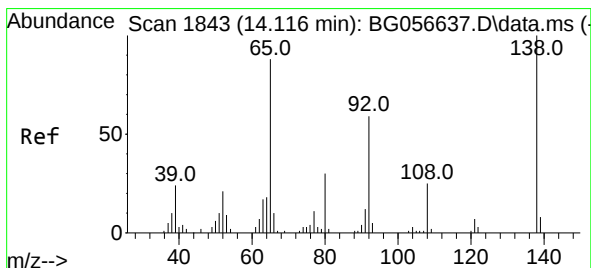
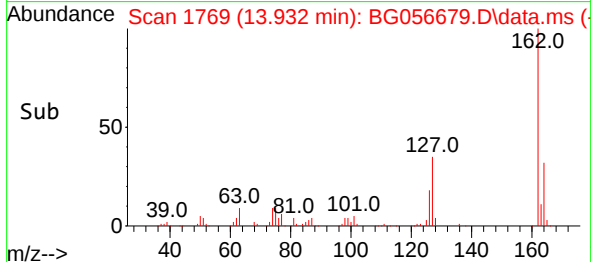
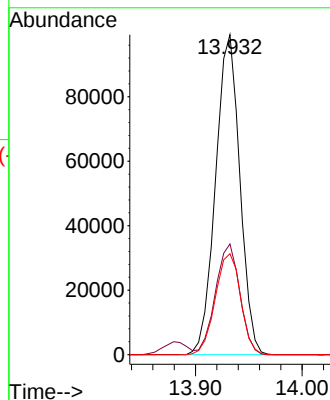
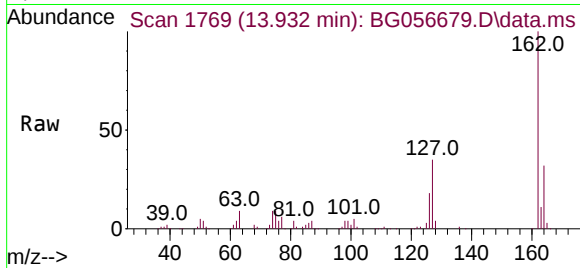




#47
2-Chloronaphthalene
Concen: 40.592 ng
RT: 13.932 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

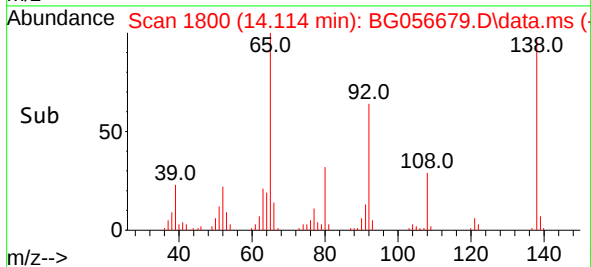
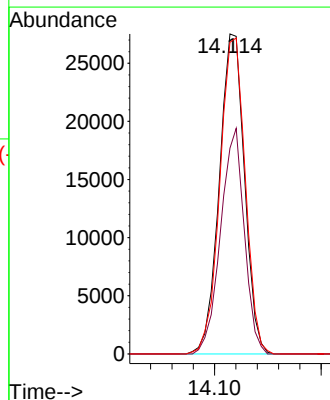
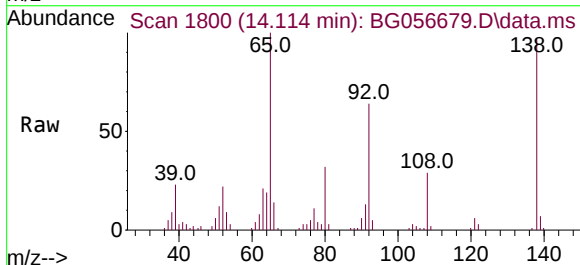
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

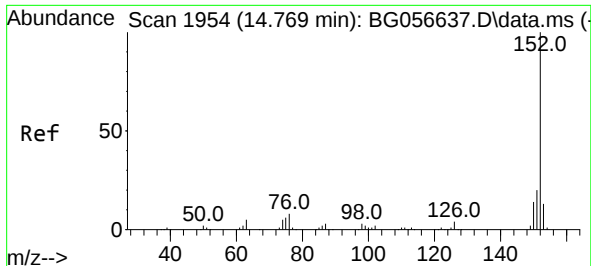
Tgt Ion:162 Resp: 157014
Ion Ratio Lower Upper
162 100
127 34.6 27.5 41.3
164 31.5 26.5 39.7



#48
2-Nitroaniline
Concen: 40.959 ng
RT: 14.114 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

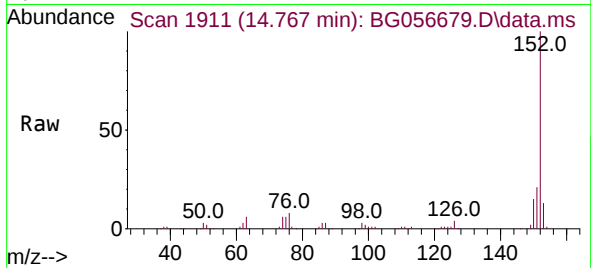
Tgt Ion: 65 Resp: 45180
Ion Ratio Lower Upper
65 100
92 64.3 53.8 80.6
138 97.4 90.6 135.8



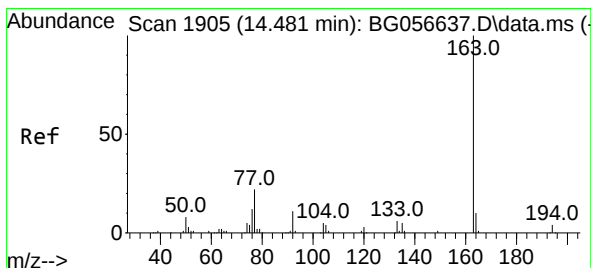
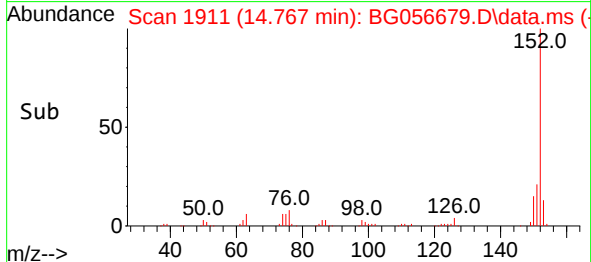
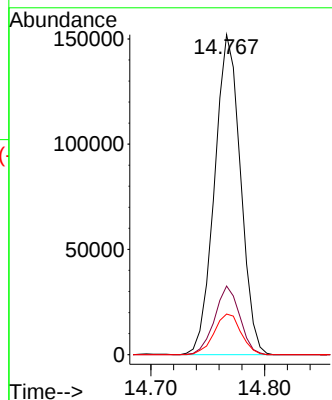


#49
Acenaphthylene
Concen: 38.337 ng
RT: 14.767 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

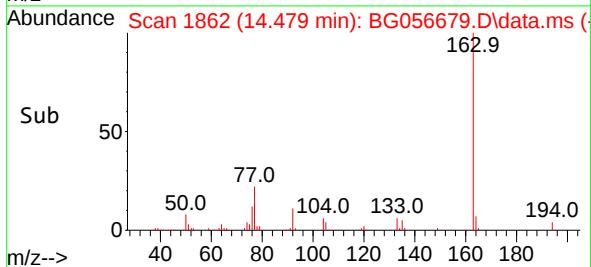
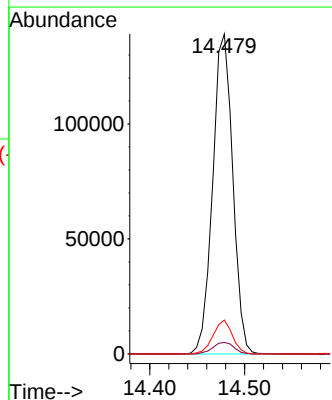
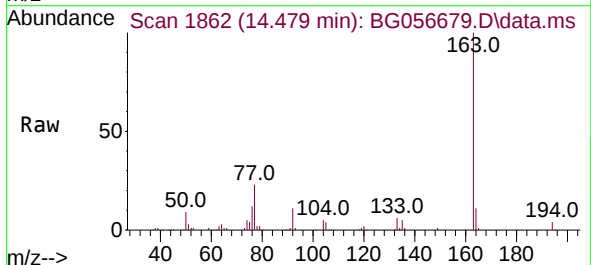


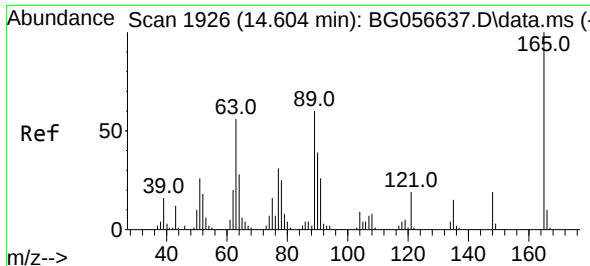
Tgt Ion:152 Resp: 240956
Ion Ratio Lower Upper
152 100
151 21.4 15.6 23.4
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 38.367 ng
RT: 14.479 min Scan# 1862
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:163 Resp: 204662
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.6 8.2 12.2

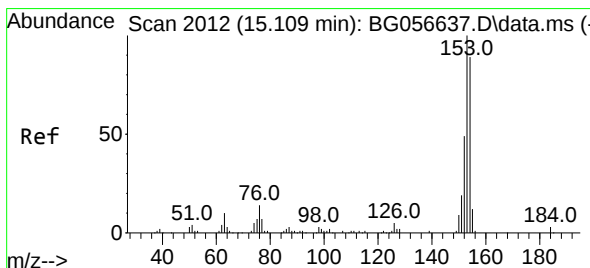
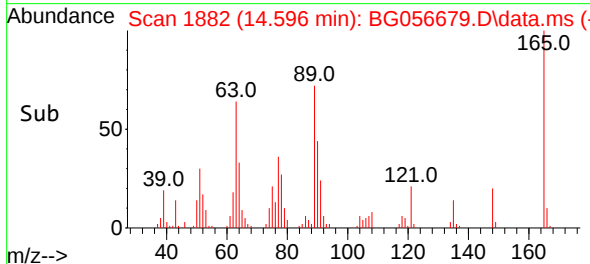
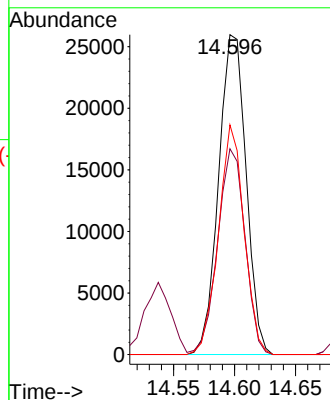
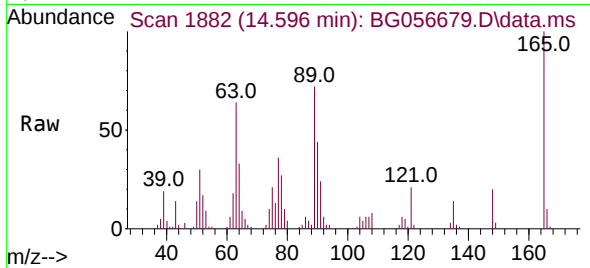




#51
2,6-Dinitrotoluene
Concen: 39.712 ng
RT: 14.596 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

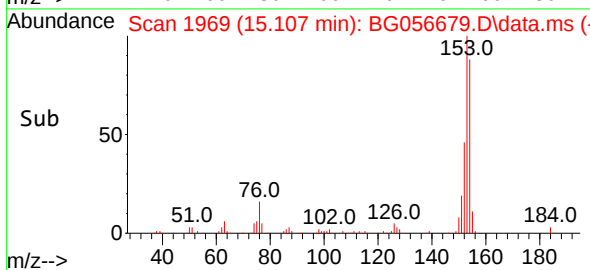
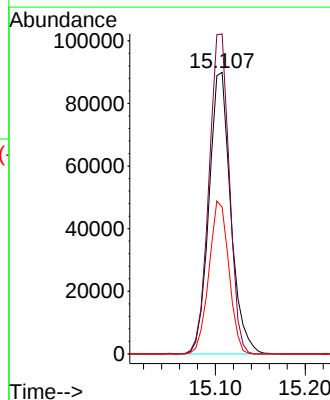
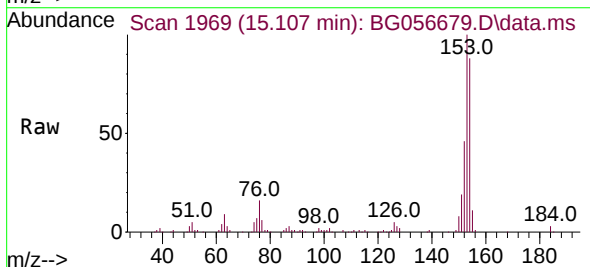
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

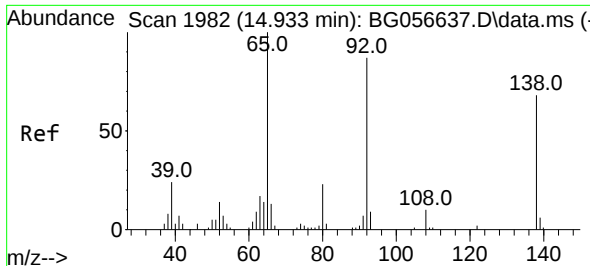
Tgt Ion:165 Resp: 40751
Ion Ratio Lower Upper
165 100
63 64.3 45.8 68.8
89 71.8 48.2 72.2



#52
Acenaphthene
Concen: 39.079 ng
RT: 15.107 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:154 Resp: 151505
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 52.1 43.7 65.5

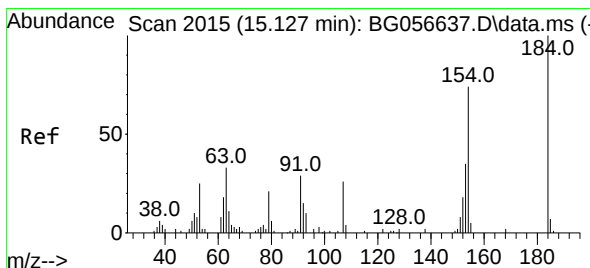
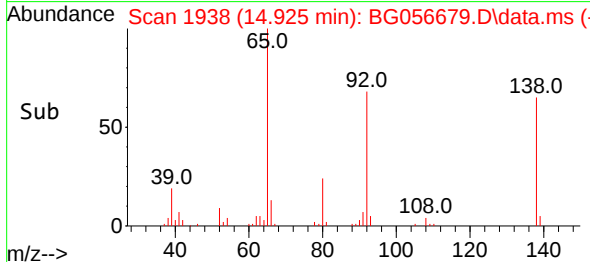
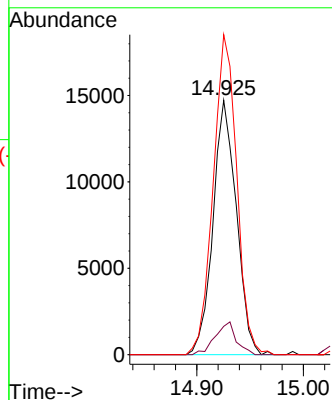
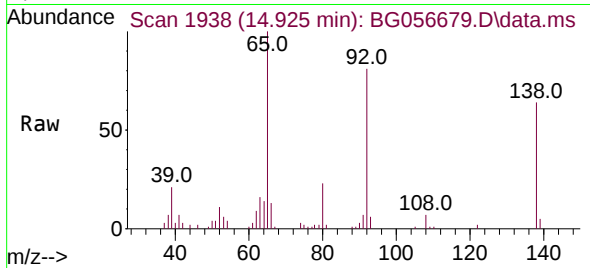




#53
3-Nitroaniline
Concen: 21.691 ng
RT: 14.925 min Scan# 1982
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

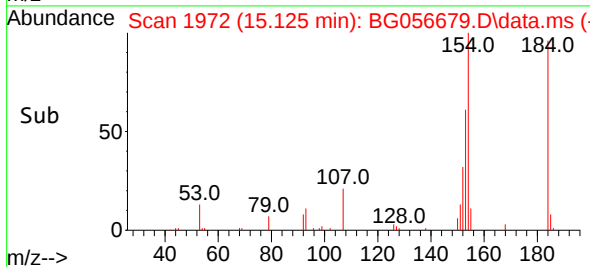
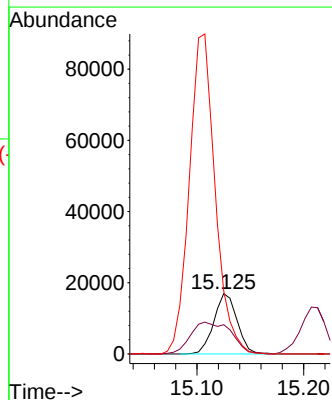
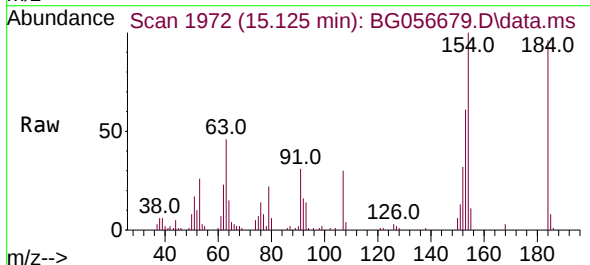
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

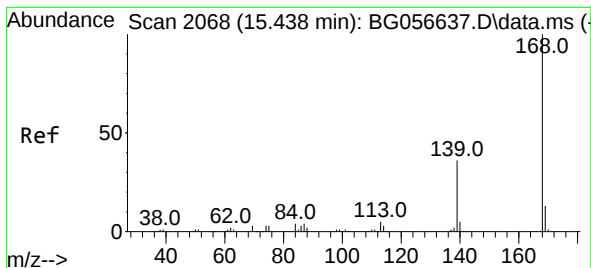
Tgt Ion:138 Resp: 22460
Ion Ratio Lower Upper
138 100
108 11.1 11.4 17.2#
92 125.8 103.1 154.7



#54
2,4-Dinitrophenol
Concen: 41.505 ng
RT: 15.125 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:184 Resp: 25578
Ion Ratio Lower Upper
184 100
63 48.4 31.0 46.6#
154 104.3 99.8 149.8





#55

Dibenzenofuran

Concen: 37.867 ng

RT: 15.431 min Scan# 2068

Delta R.T. -0.008 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

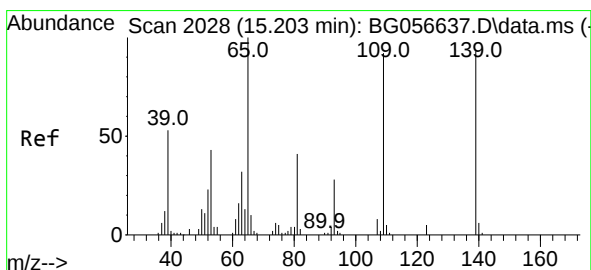
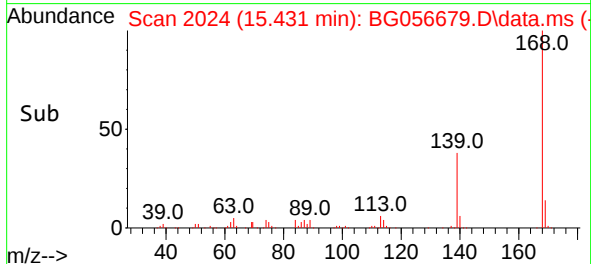
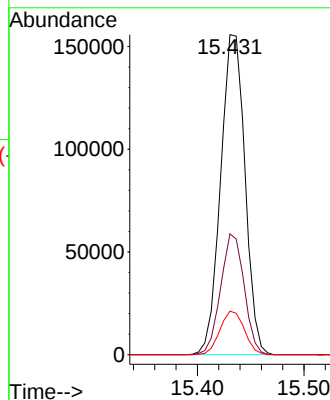
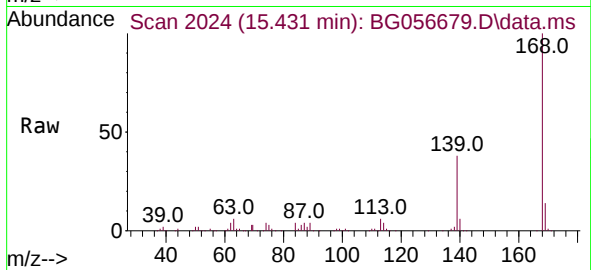
Tgt Ion:168 Resp: 248021

Ion Ratio Lower Upper

168 100

139 37.7 29.0 43.6

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 76.711 ng

RT: 15.213 min Scan# 1987

Delta R.T. 0.010 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

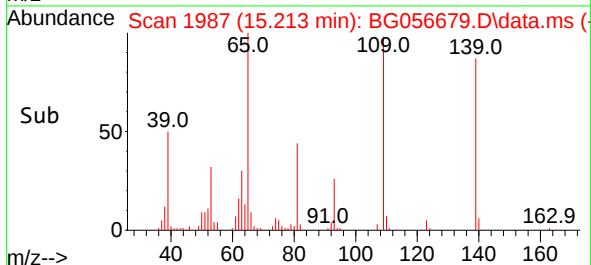
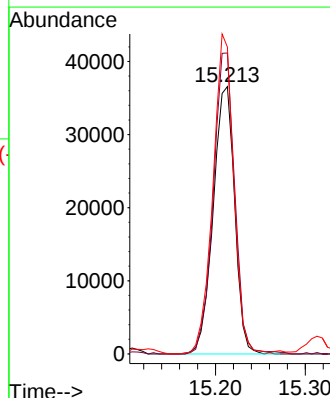
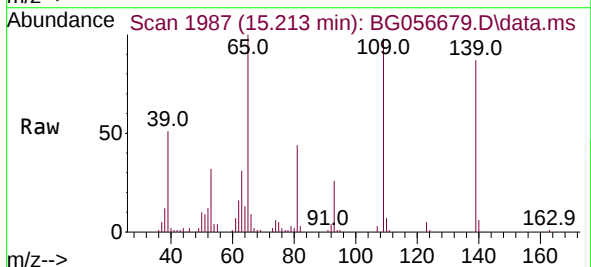
Tgt Ion:139 Resp: 60858

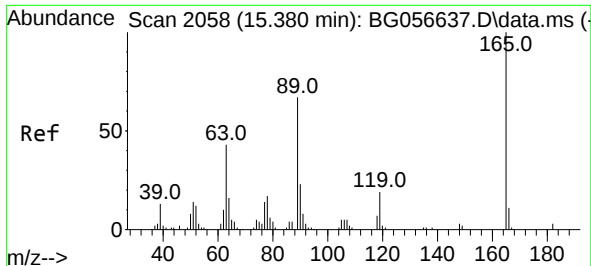
Ion Ratio Lower Upper

139 100

109 112.6 79.3 119.3

65 114.8 87.6 127.6

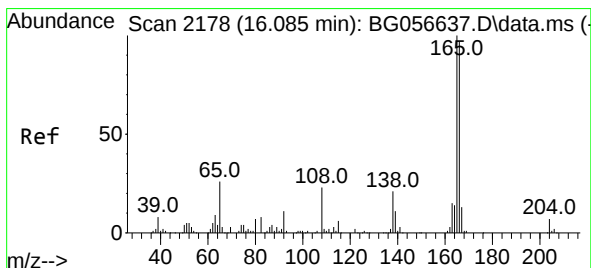
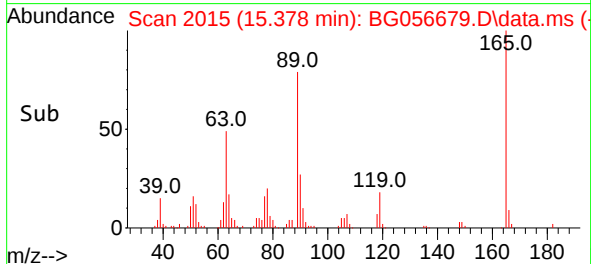
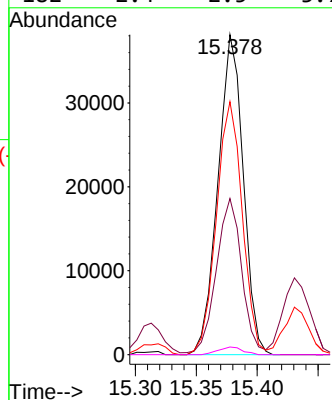
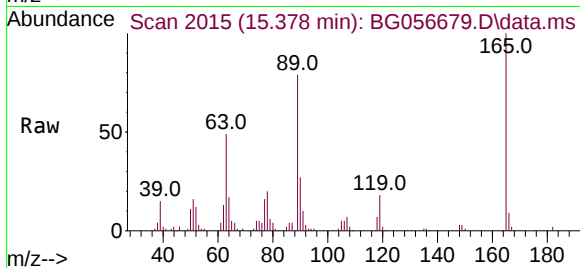




#57
2,4-Dinitrotoluene
Concen: 42.364 ng
RT: 15.378 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

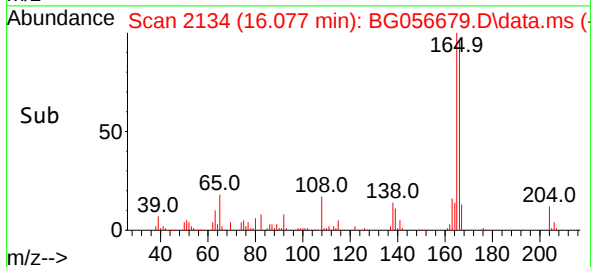
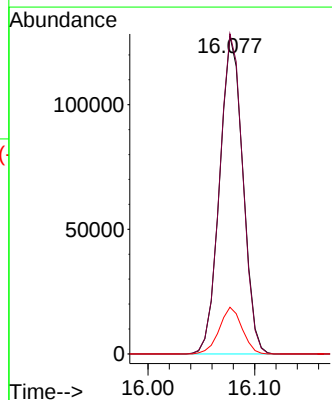
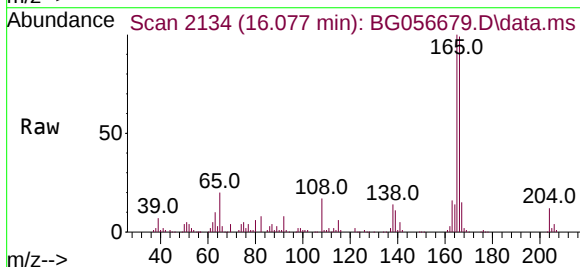
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

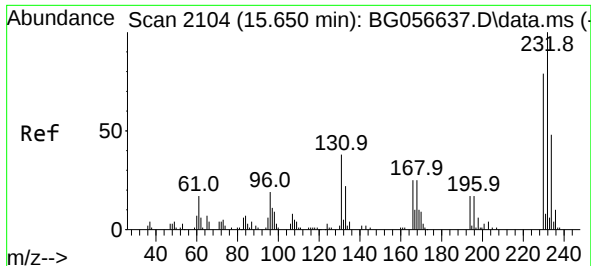
Tgt Ion:165 Resp: 55114
Ion Ratio Lower Upper
165 100
63 48.8 34.6 52.0
89 79.0 53.8 80.8
182 2.4 2.5 3.7#



#58
Fluorene
Concen: 37.369 ng
RT: 16.077 min Scan# 2134
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:166 Resp: 193520
Ion Ratio Lower Upper
166 100
165 100.6 82.9 124.3
167 14.7 11.1 16.7

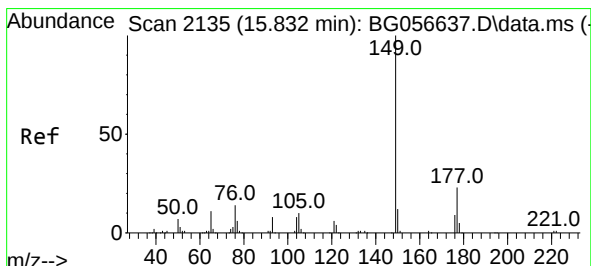
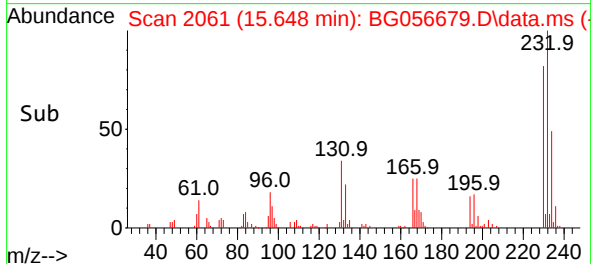
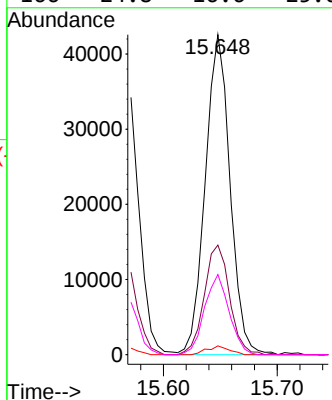
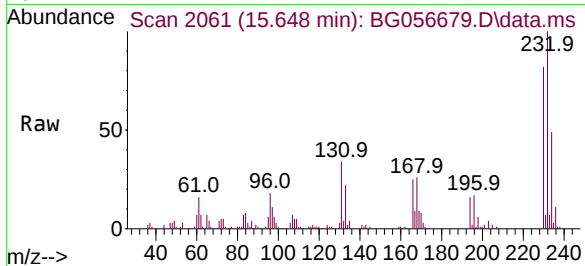




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.216 ng
RT: 15.648 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

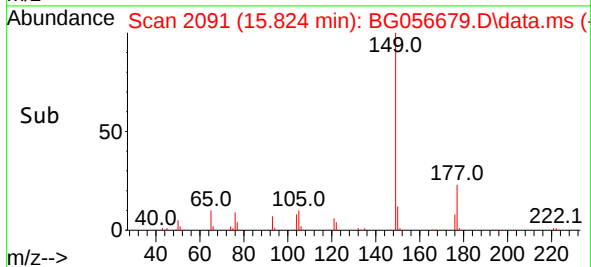
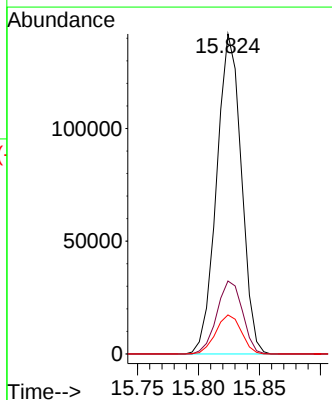
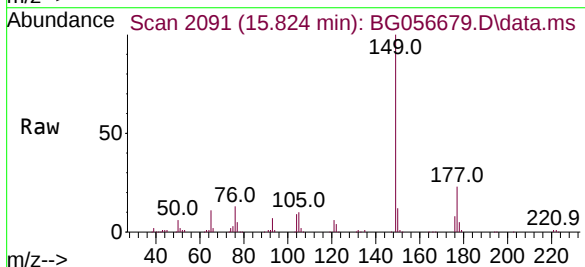
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

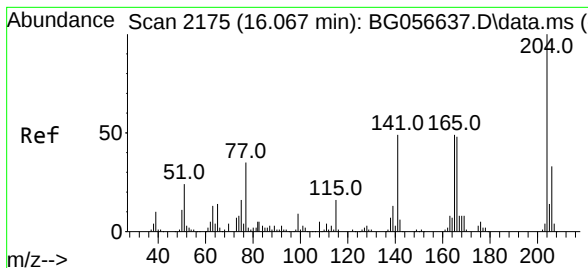
Tgt Ion:232 Resp: 64539
Ion Ratio Lower Upper
232 100
131 34.9 24.7 37.1
130 2.4 1.4 2.2#
166 24.8 16.6 25.0



#60
Diethylphthalate
Concen: 37.135 ng
RT: 15.824 min Scan# 2091
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:149 Resp: 199816
Ion Ratio Lower Upper
149 100
177 22.8 18.7 28.1
150 12.2 9.9 14.9

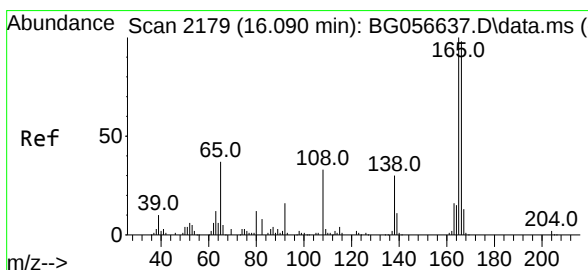
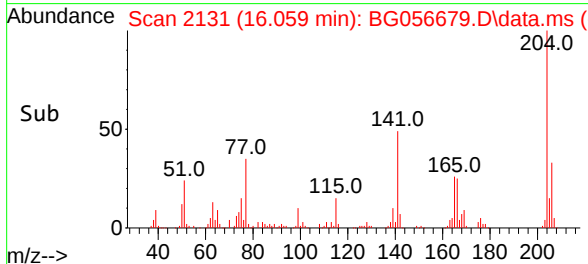
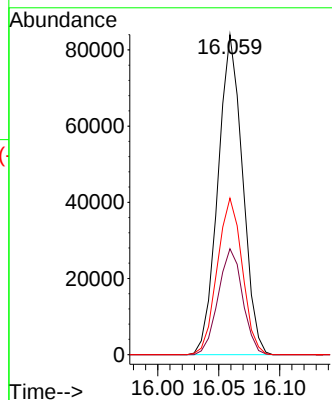
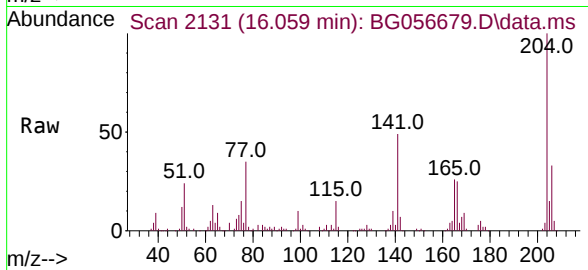




#61
4-Chlorophenyl-phenylether
Concen: 37.270 ng
RT: 16.059 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

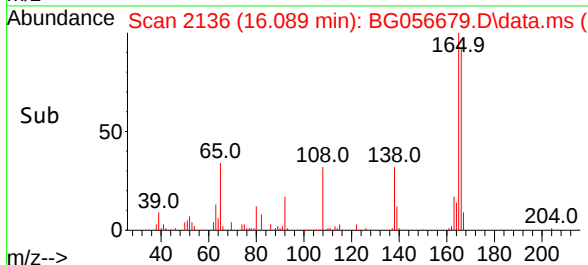
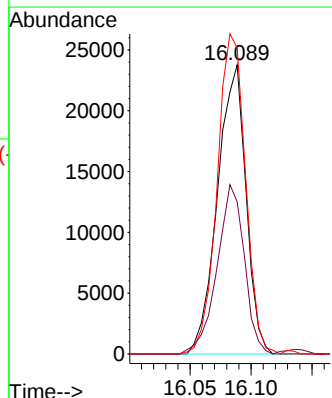
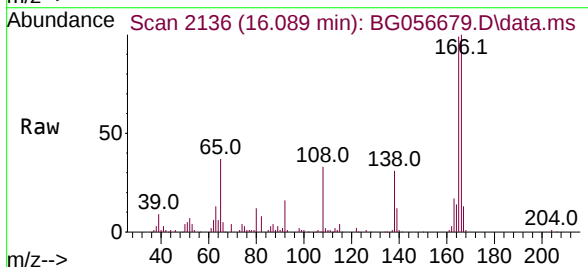
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

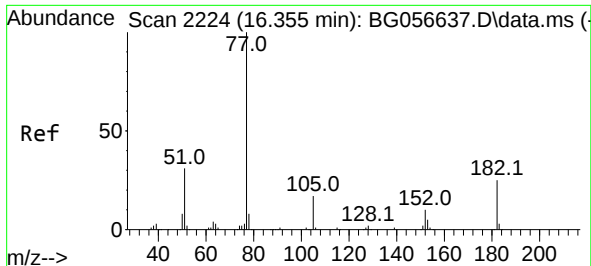
Tgt Ion:204 Resp: 117915
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 48.9 38.9 58.3



#62
4-Nitroaniline
Concen: 35.717 ng
RT: 16.089 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:138 Resp: 38544
Ion Ratio Lower Upper
138 100
92 52.6 31.5 71.5
108 105.9 88.6 128.6

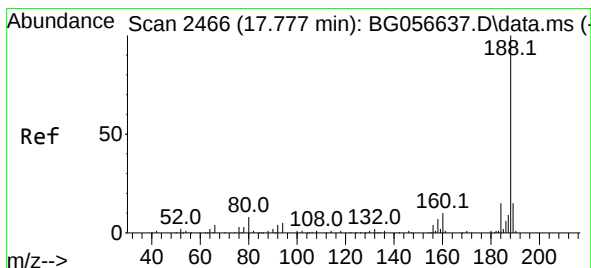
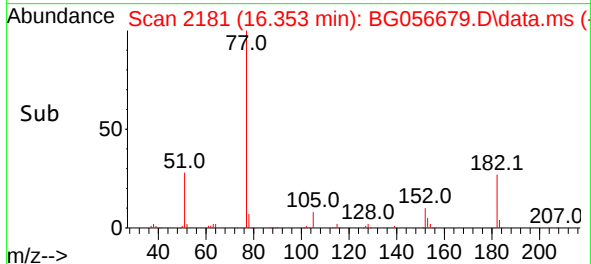
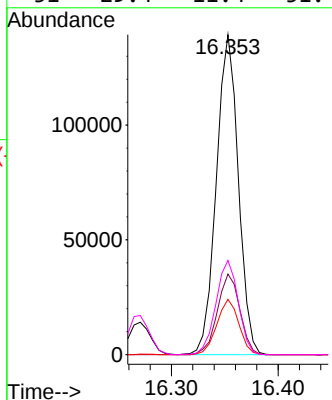
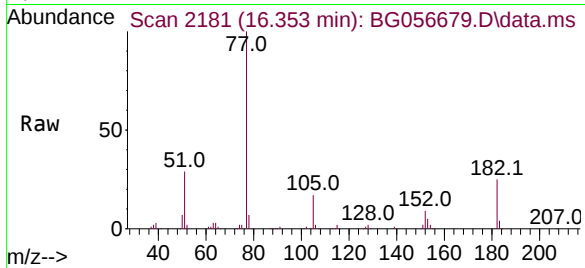




#63
Azobenzene
Concen: 37.141 ng
RT: 16.353 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

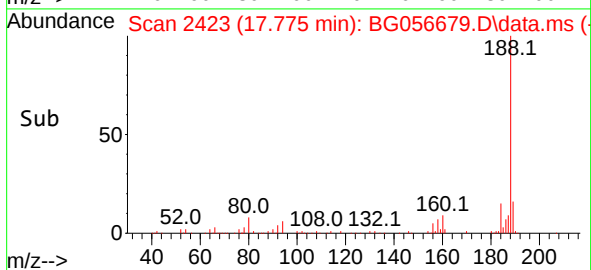
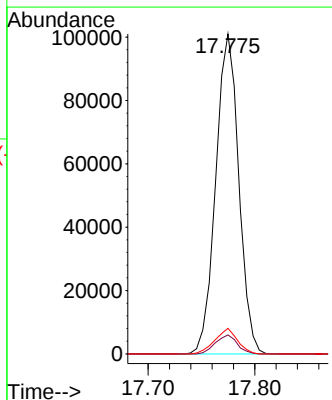
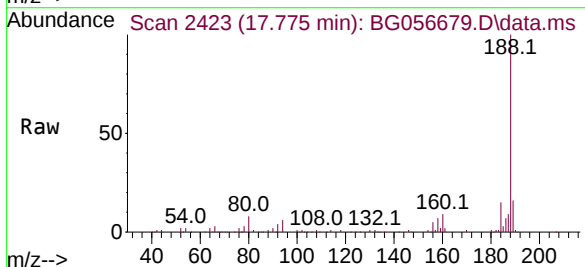
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

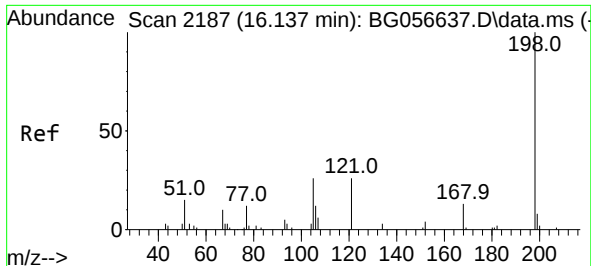
Tgt Ion: 77	Resp: 200014
Ion Ratio	Lower Upper
77 100	
182 25.2	5.2 45.2
105 17.3	0.0 37.3
51 29.4	11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.775 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:188	Resp: 151489
Ion Ratio	Lower Upper
188 100	
94 5.9	4.0 6.0
80 8.0	6.3 9.5

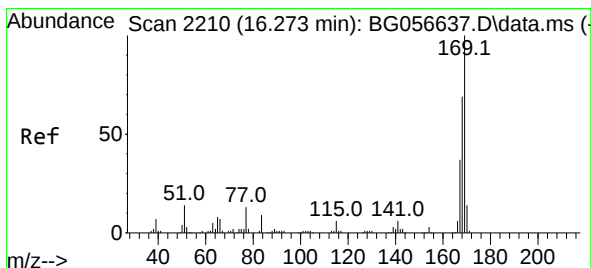
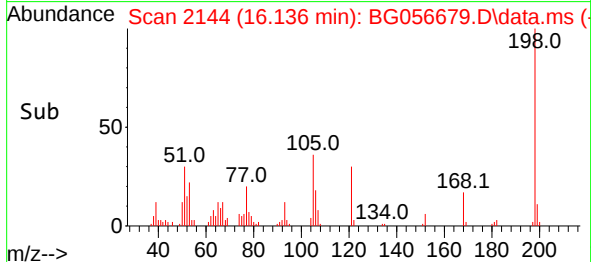
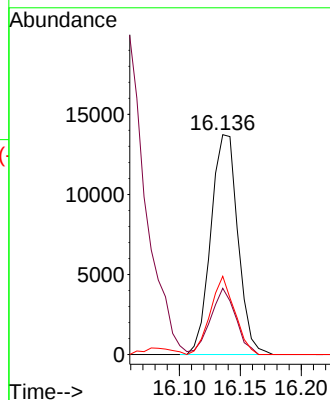
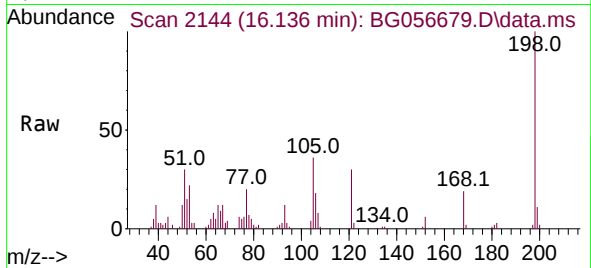




#65
4,6-Dinitro-2-methylphenol
Concen: 27.070 ng
RT: 16.136 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

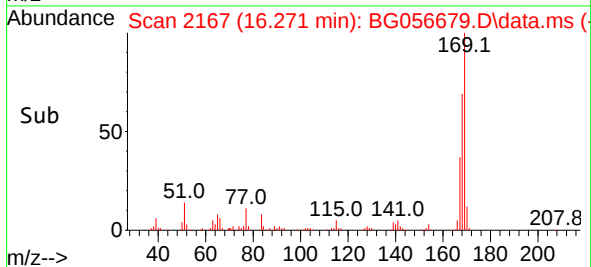
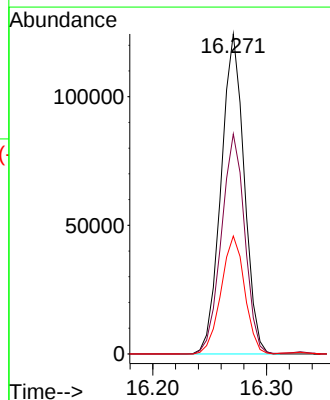
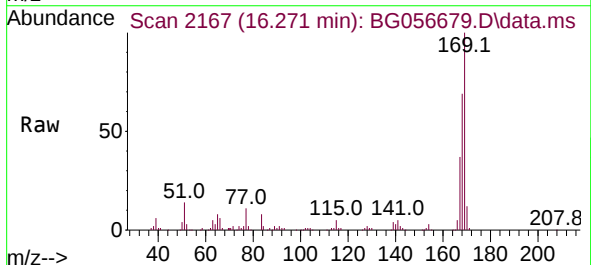
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

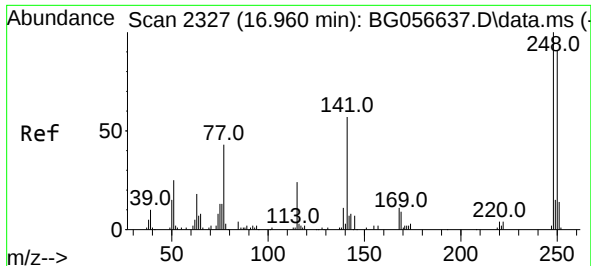
Tgt Ion:198 Resp: 21177
Ion Ratio Lower Upper
198 100
51 30.1 7.4 47.4
105 35.6 8.2 48.2



#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 16.271 min Scan# 2167
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:169 Resp: 175440
Ion Ratio Lower Upper
169 100
168 68.7 55.5 83.3
167 36.8 29.5 44.3

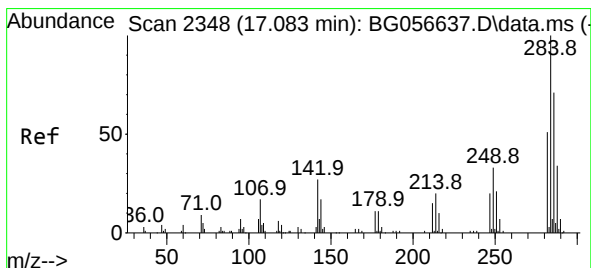
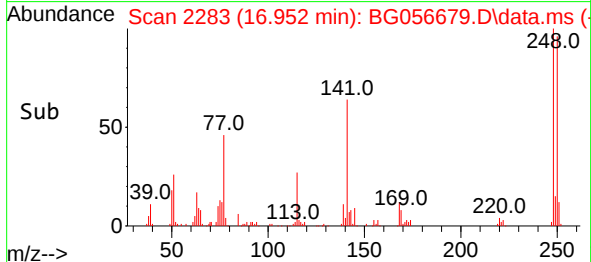
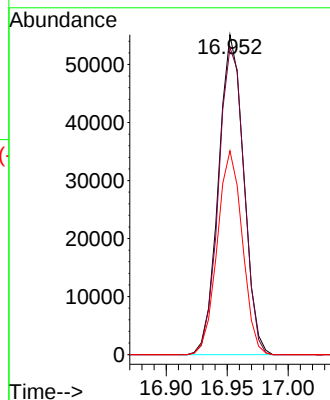
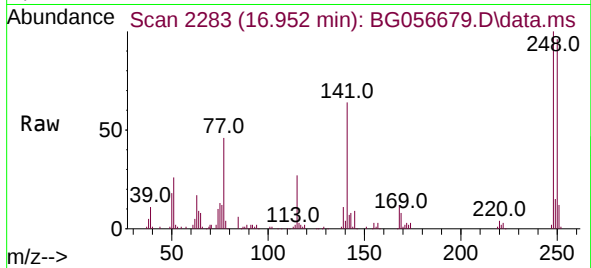




#67
4-Bromophenyl-phenylether
Concen: 40.825 ng
RT: 16.952 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

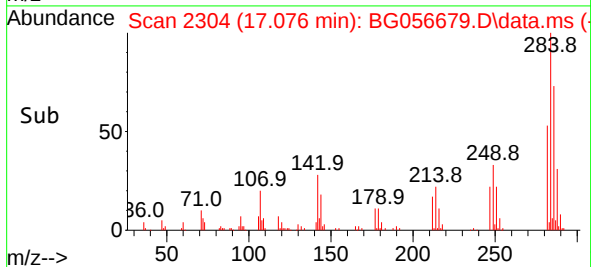
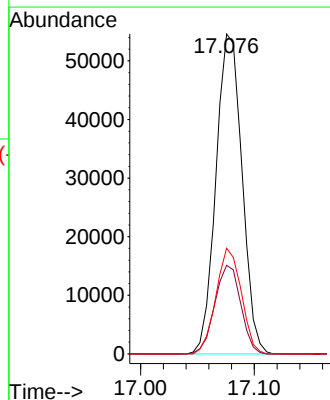
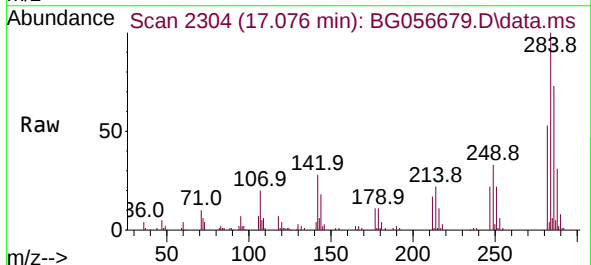
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

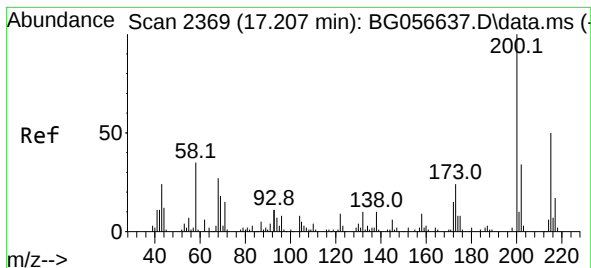
Tgt Ion:248 Resp: 79404
Ion Ratio Lower Upper
248 100
250 96.0 73.0 109.6
141 63.7 45.6 68.4



#68
Hexachlorobenzene
Concen: 43.809 ng
RT: 17.076 min Scan# 2304
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:284 Resp: 86810
Ion Ratio Lower Upper
284 100
142 27.7 21.4 32.2
249 33.0 26.1 39.1





#69

Atrazine

Concen: 42.983 ng

RT: 17.205 min Scan# 2362

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

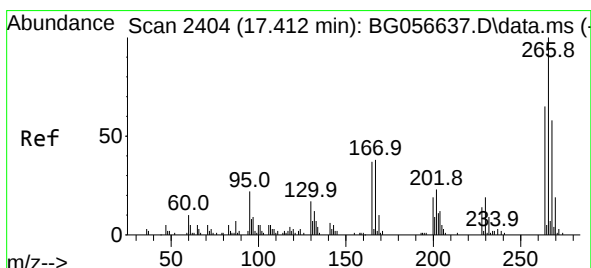
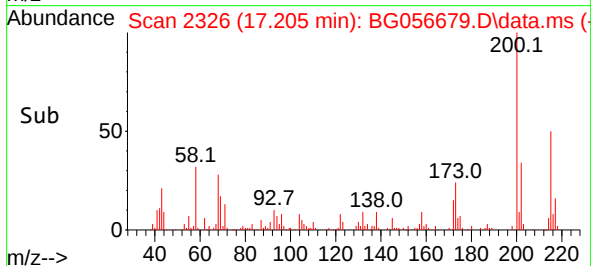
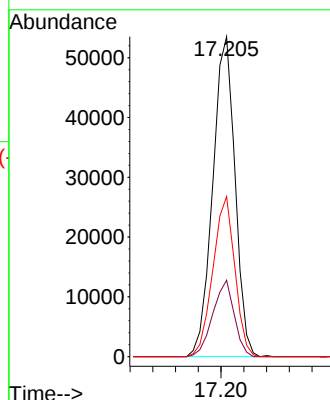
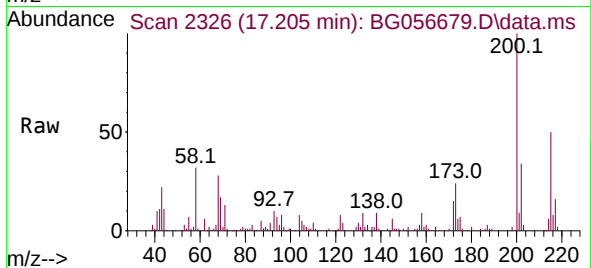
Tgt Ion:200 Resp: 72738

Ion Ratio Lower Upper

200 100

173 23.9 4.4 44.4

215 50.0 29.6 69.6



#70

Pentachlorophenol

Concen: 66.548 ng

RT: 17.416 min Scan# 2362

Delta R.T. 0.004 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

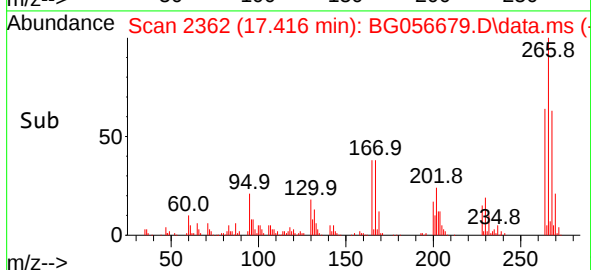
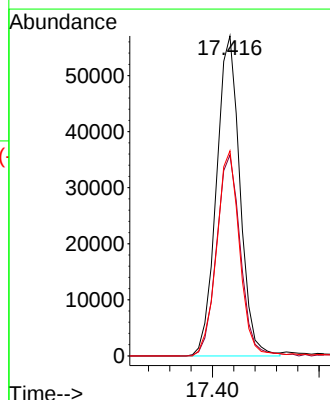
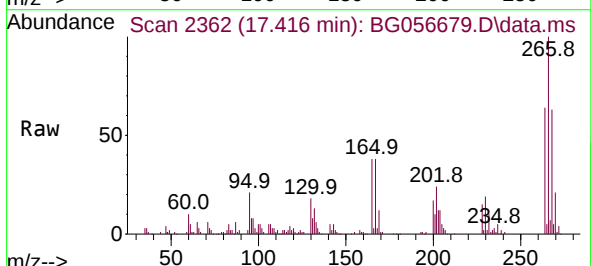
Tgt Ion:266 Resp: 87330

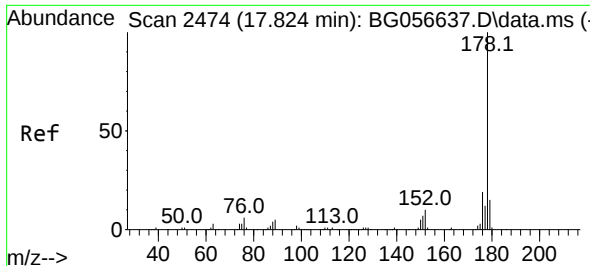
Ion Ratio Lower Upper

266 100

268 62.8 46.7 70.1

264 64.1 51.8 77.6

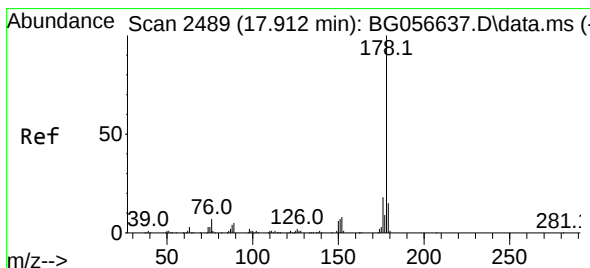
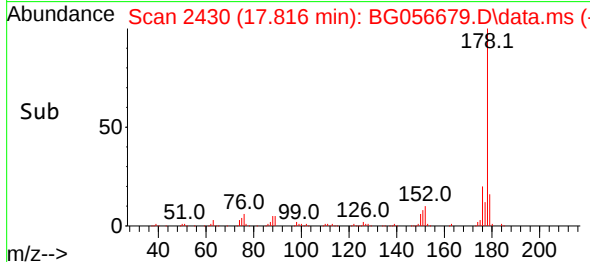
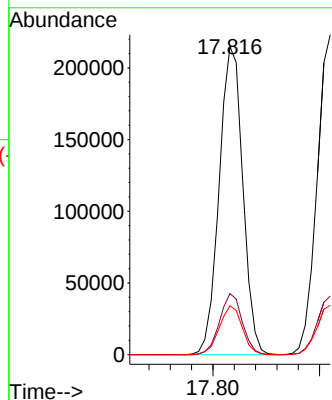
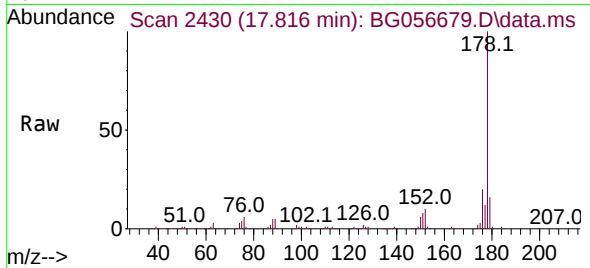




#71
Phenanthrene
Concen: 40.128 ng
RT: 17.816 min Scan# 2474
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

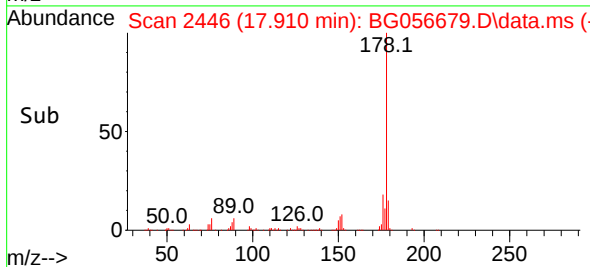
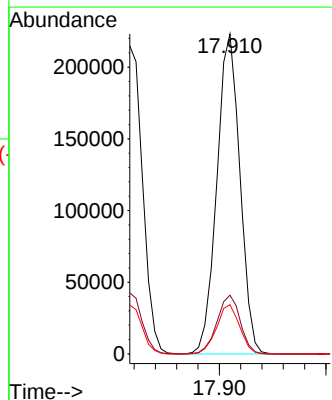
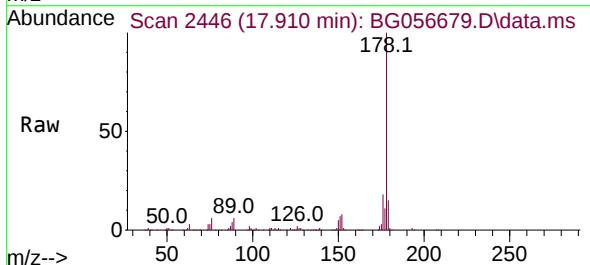
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

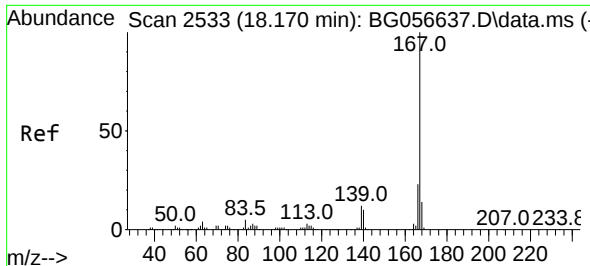
Tgt Ion:178 Resp: 330723
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.8 12.2 18.4



#72
Anthracene
Concen: 39.841 ng
RT: 17.910 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:178 Resp: 335995
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 15.4 12.2 18.4

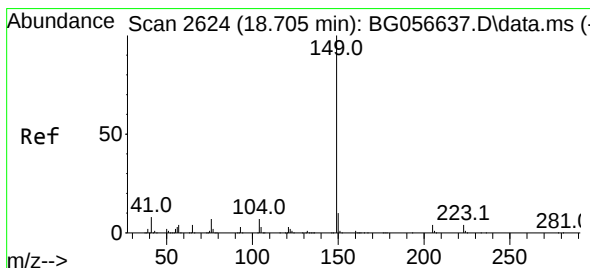
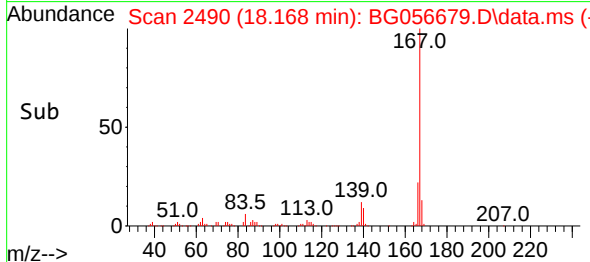
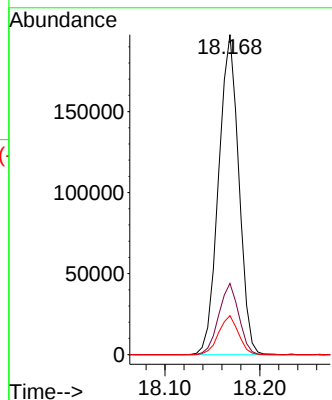
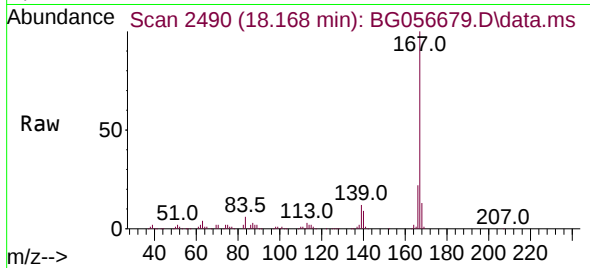




#73
 Carbazole
 Concen: 40.174 ng
 RT: 18.168 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

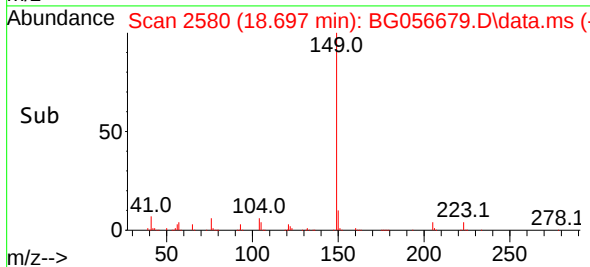
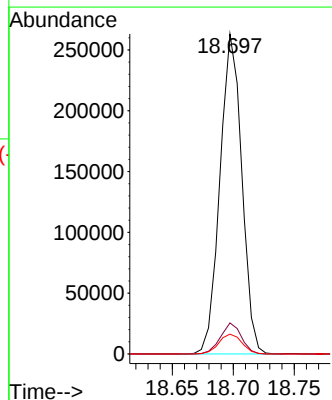
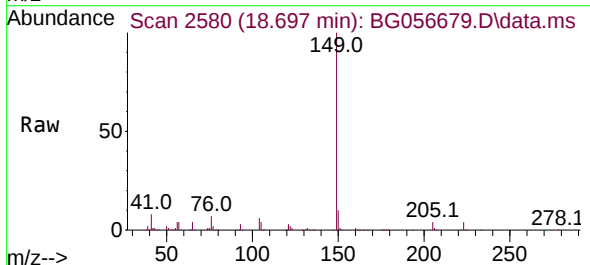
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

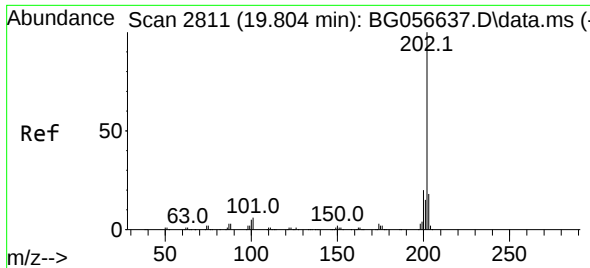
Tgt Ion:167 Resp: 292062
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.2 9.4 14.0



#74
 Di-n-butylphthalate
 Concen: 40.288 ng
 RT: 18.697 min Scan# 2580
 Delta R.T. -0.008 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

Tgt Ion:149 Resp: 327763
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.2 5.4 8.0

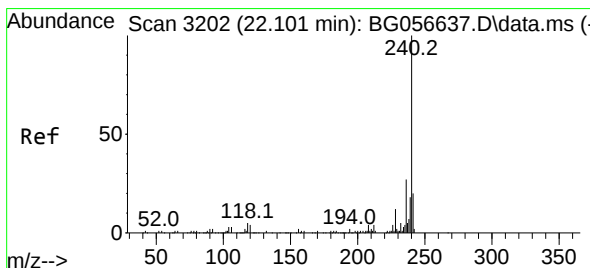
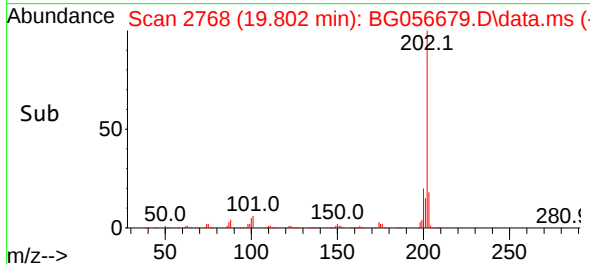
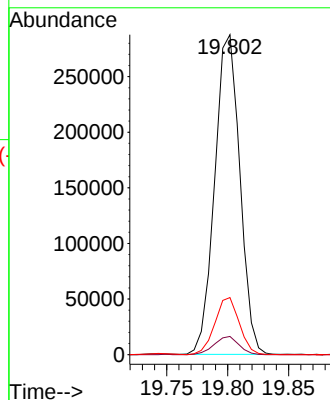
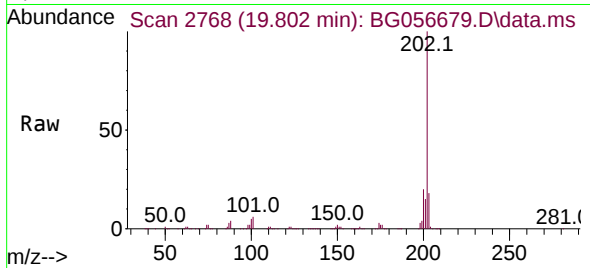




#75
Fluoranthene
Concen: 37.945 ng
RT: 19.802 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

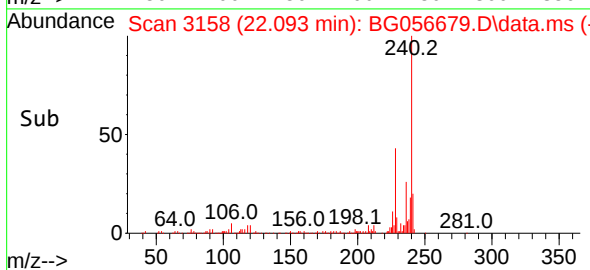
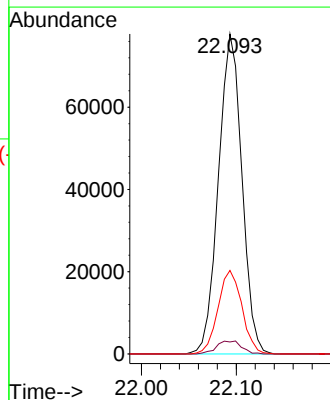
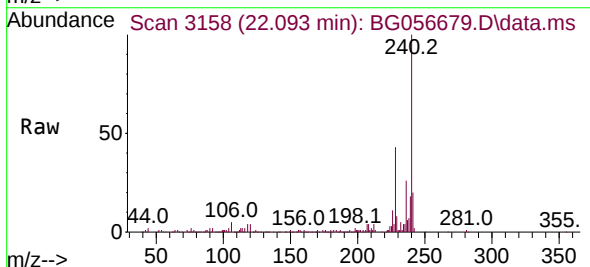
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

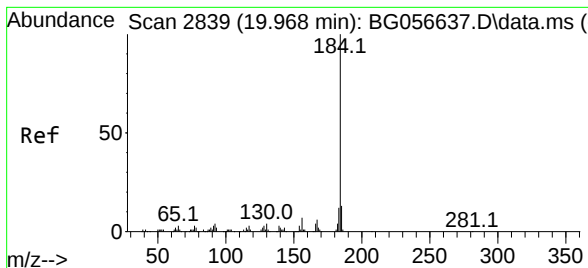
Tgt Ion:202 Resp: 412641
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.8
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.093 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:240 Resp: 133747
Ion Ratio Lower Upper
240 100
120 3.7 3.5 5.3
236 26.1 21.5 32.3





#77

Benzidine

Concen: 42.159 ng

RT: 19.960 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

Instrument :

BNA_G

ClientSampleId :

VNJ-210MSD

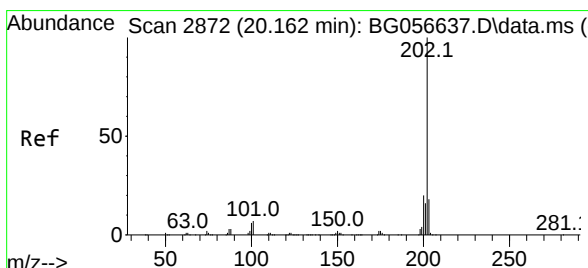
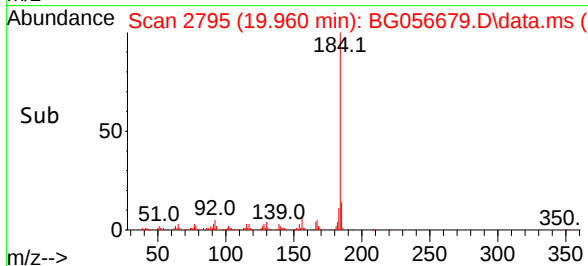
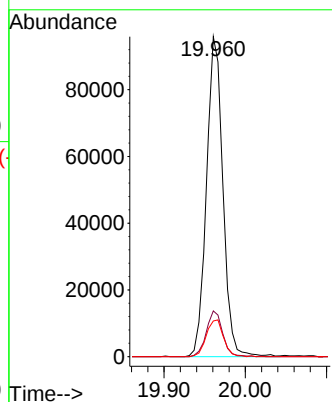
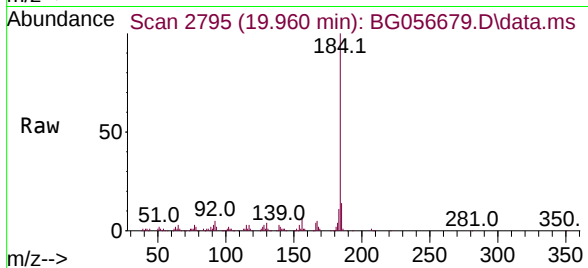
Tgt Ion:184 Resp: 134862

Ion Ratio Lower Upper

184 100

185 14.3 10.6 15.8

183 11.2 9.4 14.0



#78

Pyrene

Concen: 41.146 ng

RT: 20.160 min Scan# 2829

Delta R.T. -0.002 min

Lab File: BG056679.D

Acq: 20 Feb 2023 18:49

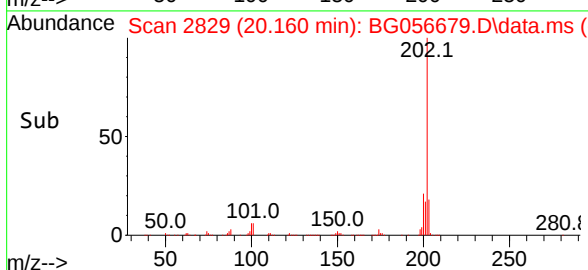
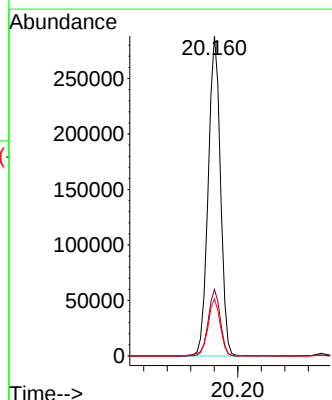
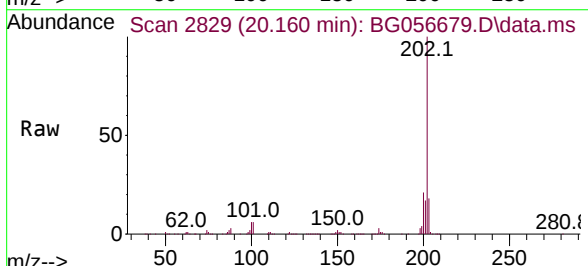
Tgt Ion:202 Resp: 415607

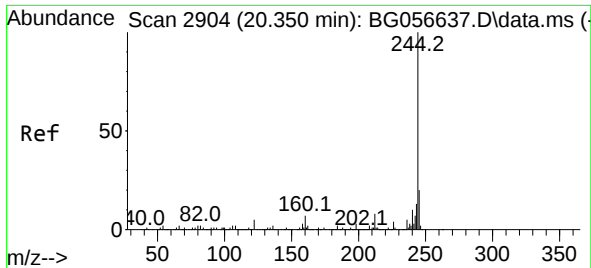
Ion Ratio Lower Upper

202 100

200 20.8 15.8 23.8

203 17.8 14.2 21.4

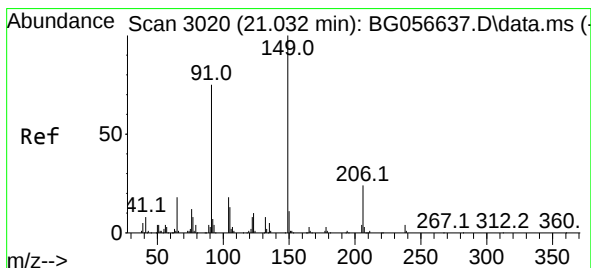
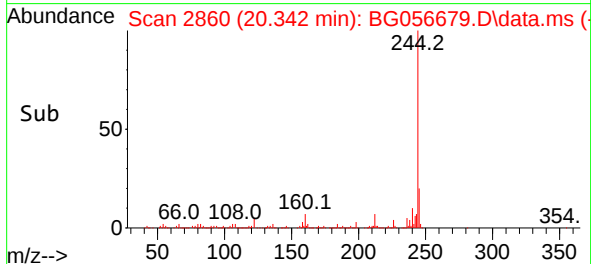
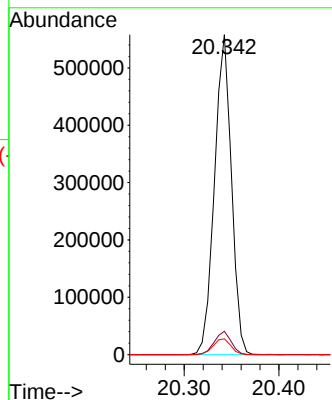
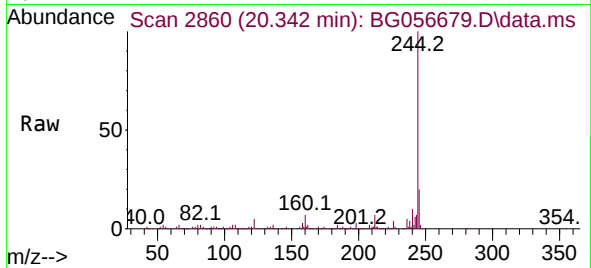




#79
 Terphenyl-d14
 Concen: 84.588 ng
 RT: 20.342 min Scan# 2860
 Delta R.T. -0.008 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

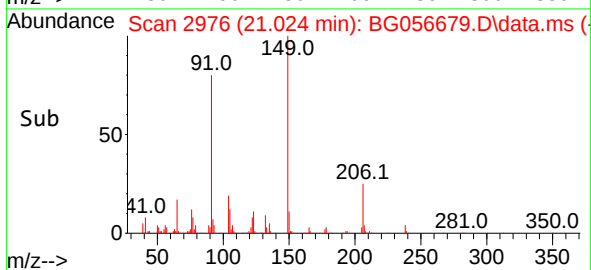
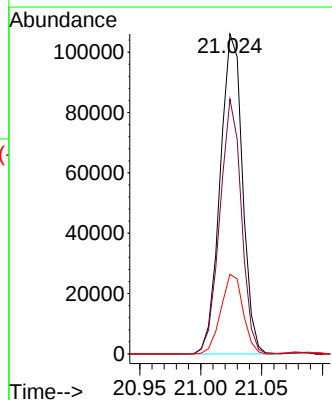
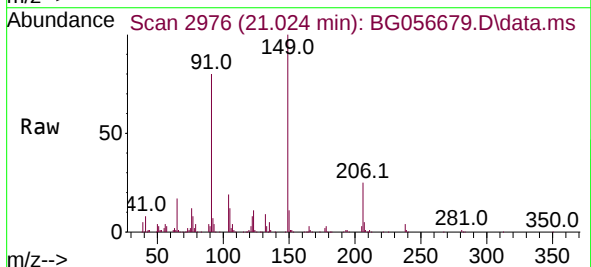
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

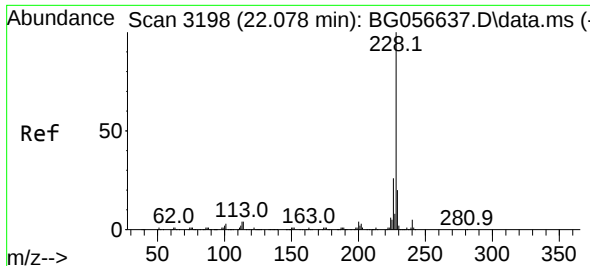
Tgt Ion:244 Resp: 691480
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 5.0 3.8 5.8



#80
 Butylbenzylphthalate
 Concen: 44.532 ng
 RT: 21.024 min Scan# 2976
 Delta R.T. -0.008 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

Tgt Ion:149 Resp: 135075
 Ion Ratio Lower Upper
 149 100
 91 79.6 60.3 90.5
 206 24.9 19.0 28.6

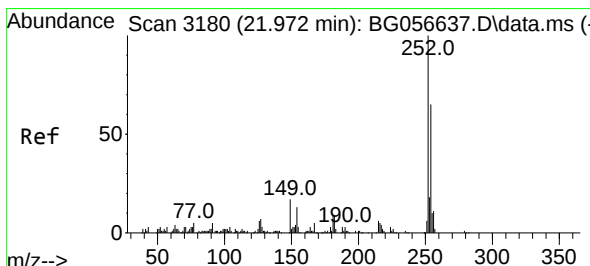
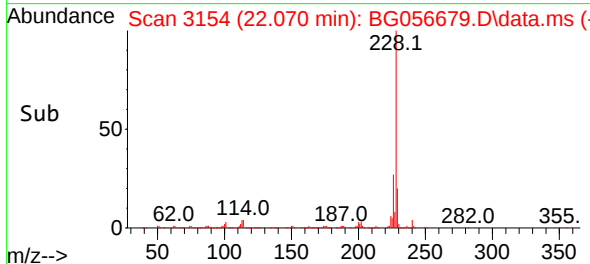
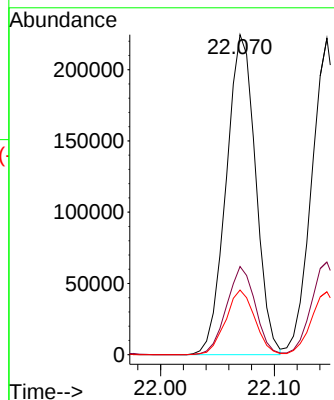
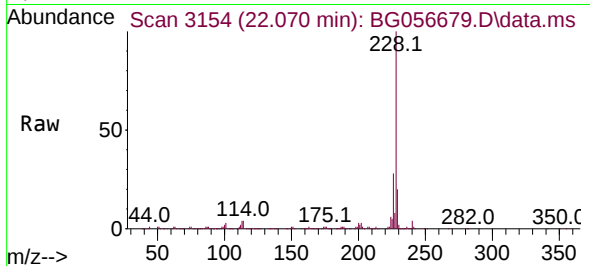




#81
Benzo(a)anthracene
Concen: 40.561 ng
RT: 22.070 min Scan# 3198
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

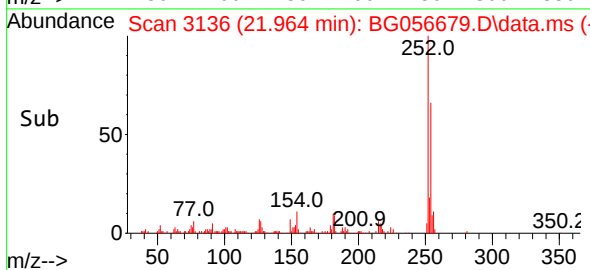
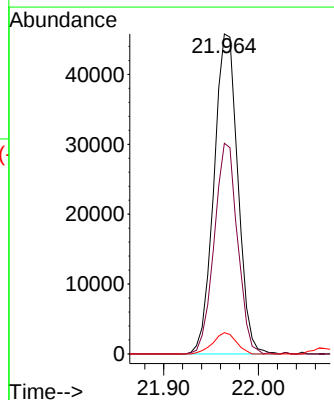
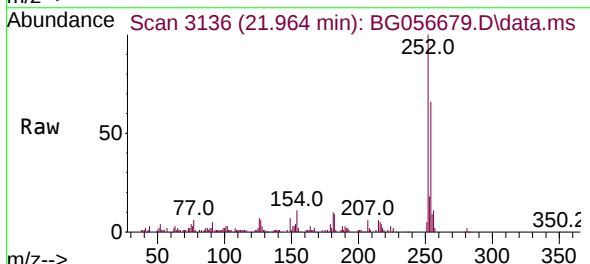
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

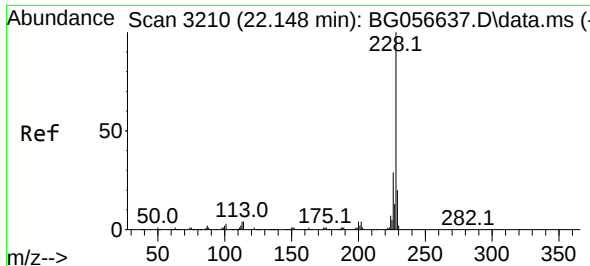
Tgt Ion:228 Resp: 403433
Ion Ratio Lower Upper
228 100
226 27.5 20.4 30.6
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 24.824 ng
RT: 21.964 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:252 Resp: 80108
Ion Ratio Lower Upper
252 100
254 65.8 52.2 78.2
126 6.6 4.9 7.3

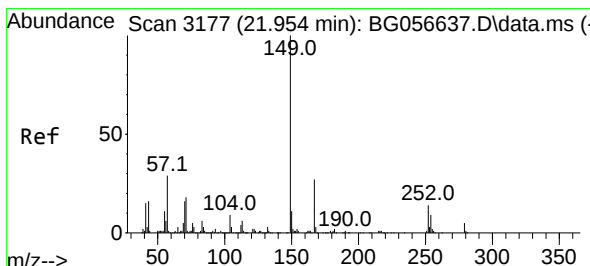
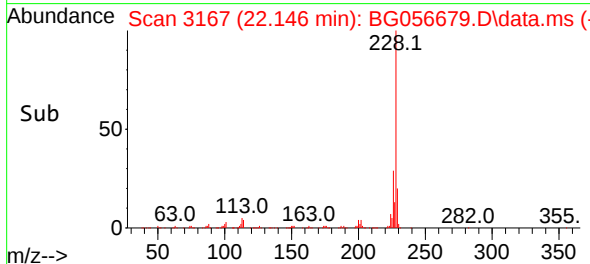
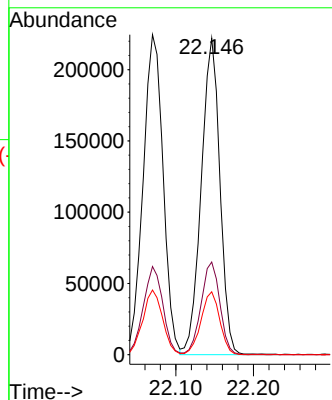
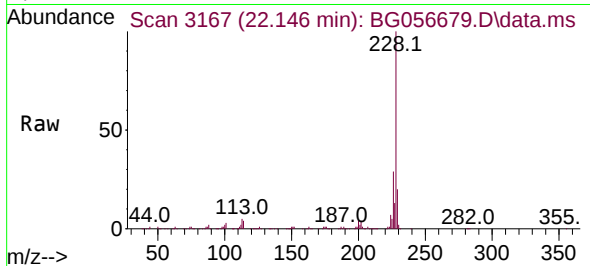




#83
Chrysene
Concen: 39.878 ng
RT: 22.146 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

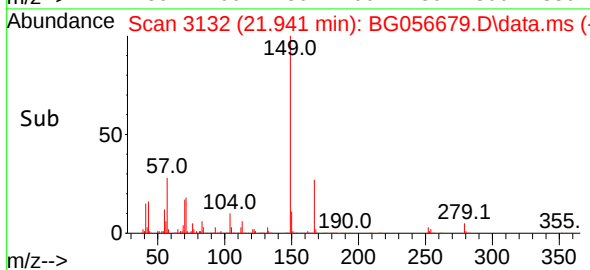
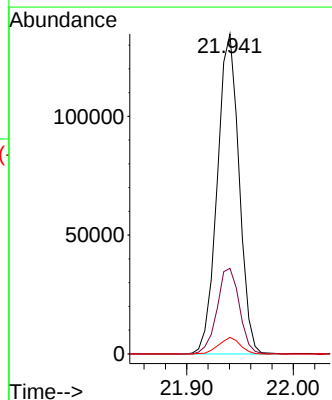
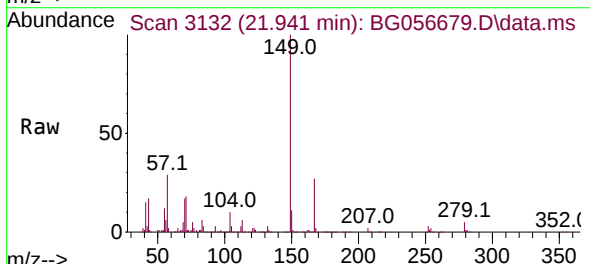
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

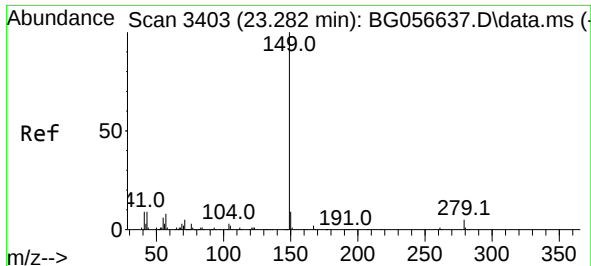
Tgt Ion:228 Resp: 370798
Ion Ratio Lower Upper
228 100
226 29.3 23.0 34.6
229 19.8 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.095 ng
RT: 21.941 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:149 Resp: 191331
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 5.2 4.1 6.1

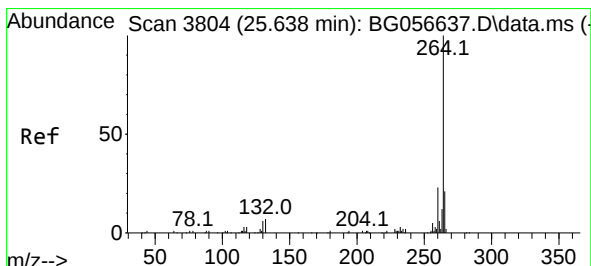
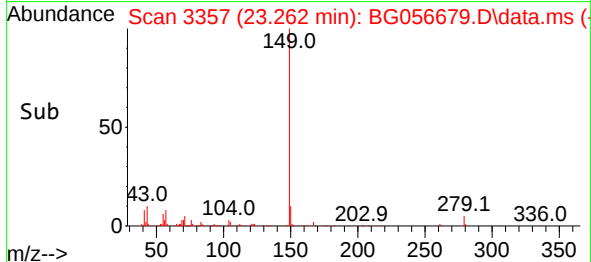
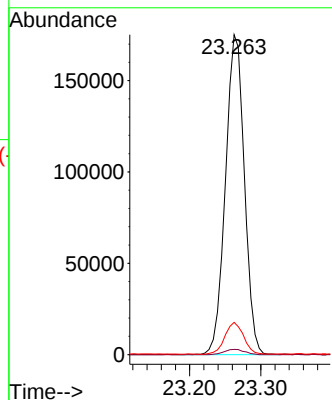
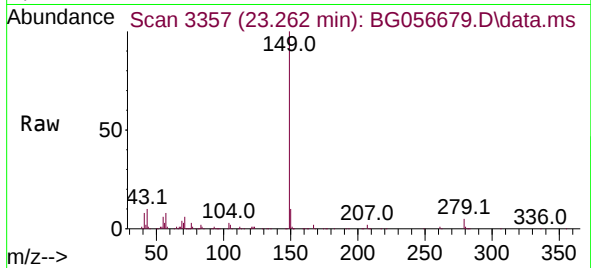




#85
Di-n-octyl phthalate
Concen: 42.924 ng
RT: 23.262 min Scan# 331
Delta R.T. -0.020 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

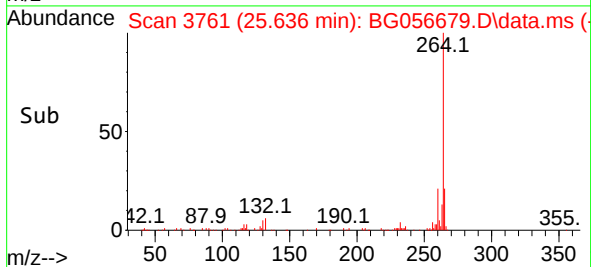
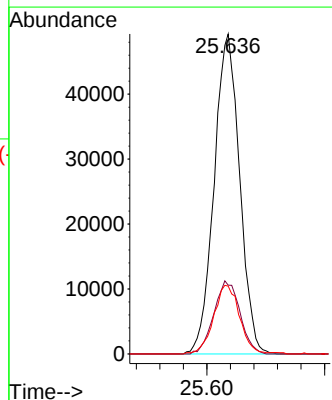
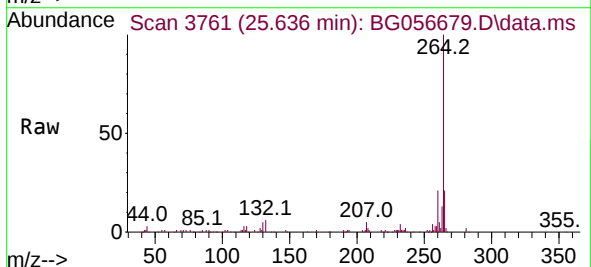
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

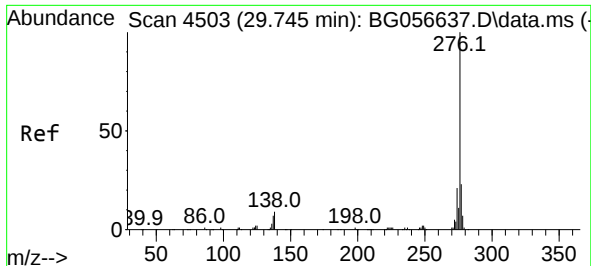
Tgt Ion:149 Resp: 324269
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.8 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.636 min Scan# 3761
Delta R.T. -0.002 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:264 Resp: 148221
Ion Ratio Lower Upper
264 100
260 21.5 18.6 27.8
265 21.2 17.0 25.4

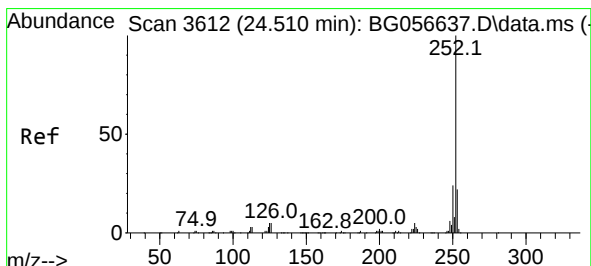
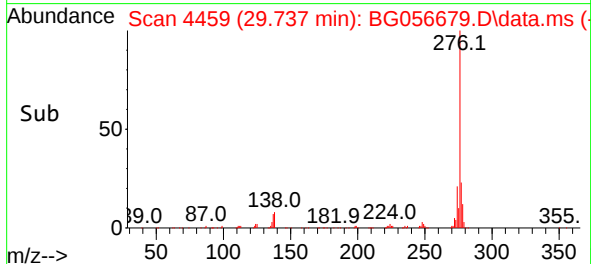
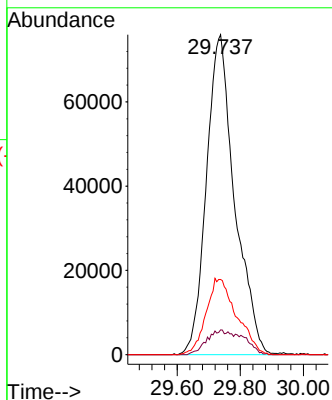
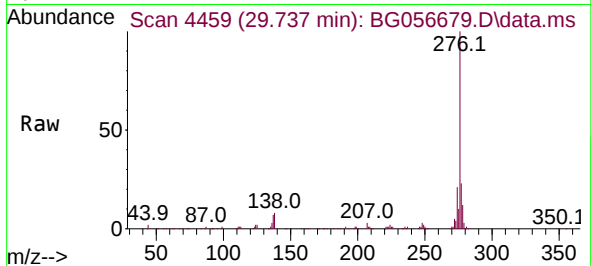




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.576 ng
 RT: 29.737 min Scan# 4459
 Delta R.T. -0.008 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

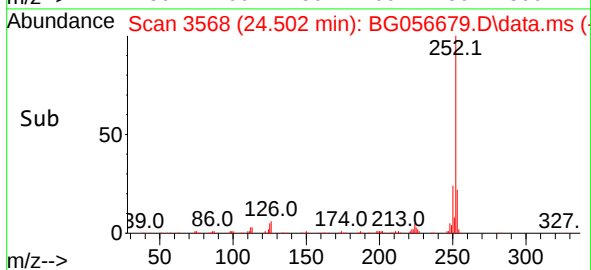
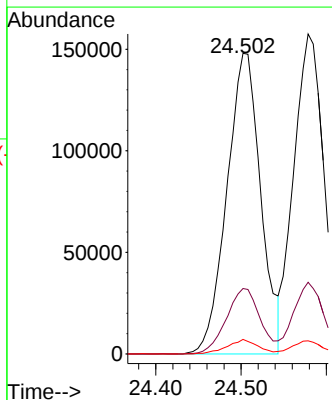
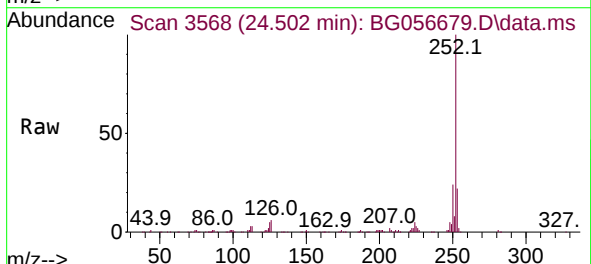
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

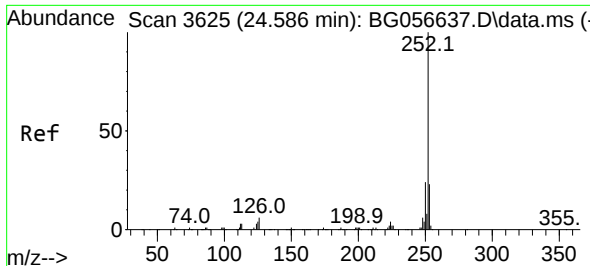
Tgt Ion:276 Resp: 471016
 Ion Ratio Lower Upper
 276 100
 138 5.2 3.8 5.8
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.200 ng
 RT: 24.502 min Scan# 3568
 Delta R.T. -0.008 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

Tgt Ion:252 Resp: 408637
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 4.8 3.7 5.5

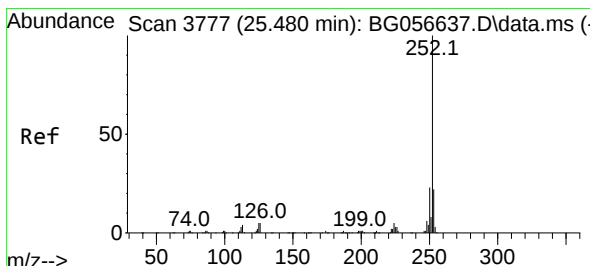
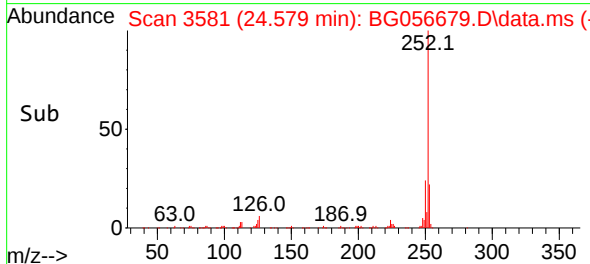
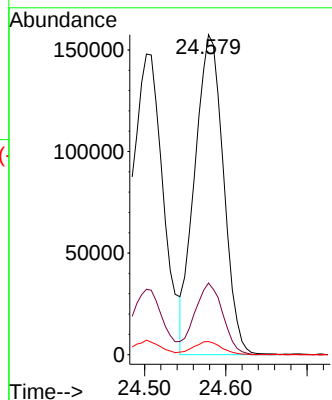
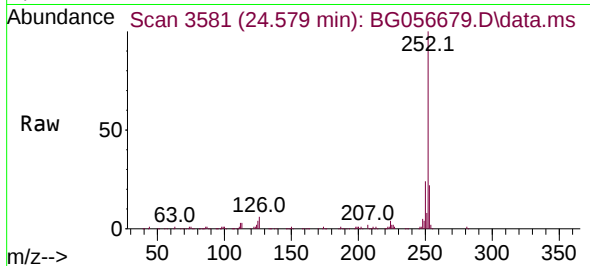




#89
Benzo(k)fluoranthene
Concen: 40.604 ng
RT: 24.579 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

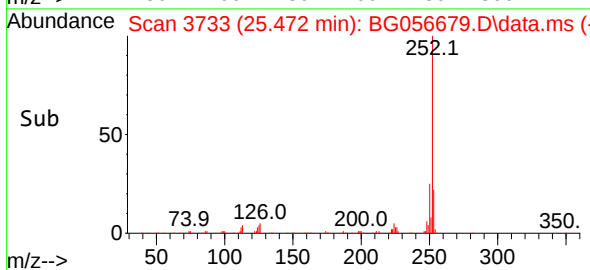
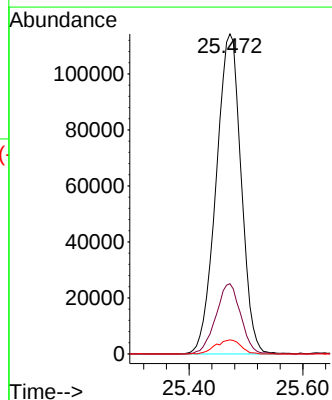
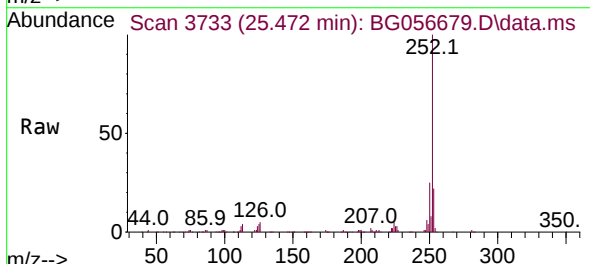
Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

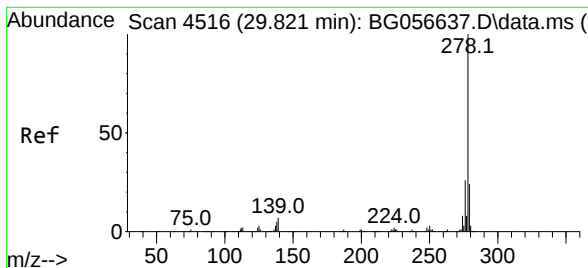
Tgt Ion:252 Resp: 386651
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 4.1 3.4 5.0



#90
Benzo(a)pyrene
Concen: 37.420 ng
RT: 25.472 min Scan# 3733
Delta R.T. -0.008 min
Lab File: BG056679.D
Acq: 20 Feb 2023 18:49

Tgt Ion:252 Resp: 348306
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 4.4 4.0 6.0

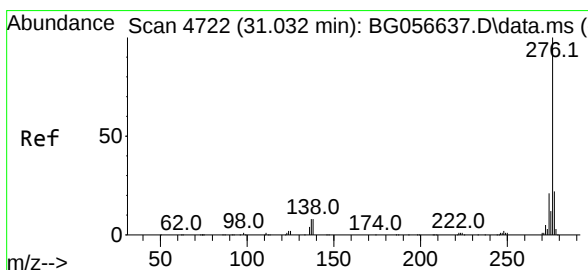
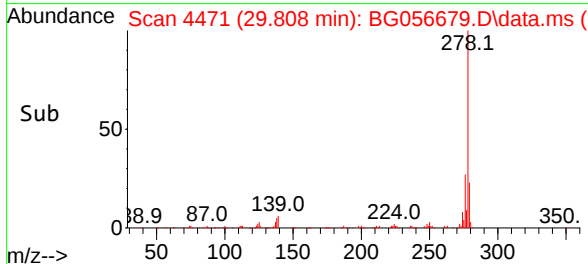
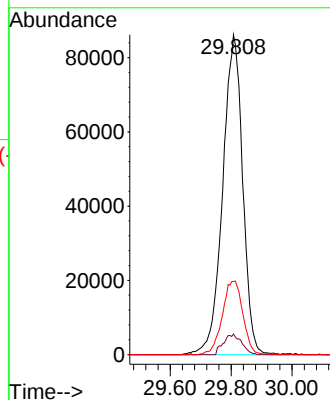
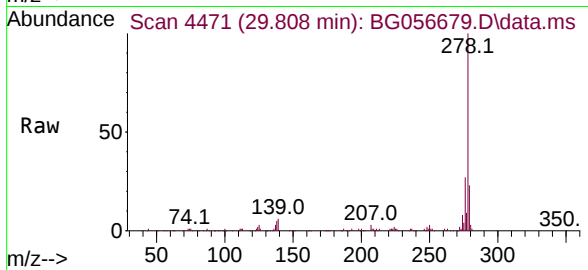




#91
 Dibenzo(a,h)anthracene
 Concen: 40.773 ng
 RT: 29.808 min Scan# 44
 Delta R.T. -0.014 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-210MSD

Tgt Ion:278 Resp: 391999
 Ion Ratio Lower Upper
 278 100
 139 6.4 5.8 8.8
 279 22.9 19.6 29.4



#92
 Benzo(g,h,i)perylene
 Concen: 40.541 ng
 RT: 31.018 min Scan# 4677
 Delta R.T. -0.014 min
 Lab File: BG056679.D
 Acq: 20 Feb 2023 18:49

Tgt Ion:276 Resp: 380851
 Ion Ratio Lower Upper
 276 100
 277 24.4 17.5 26.3
 138 7.7 6.4 9.6

