

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054872.D
 Acq On : 7 Sep 2022 17:09
 Operator : CG/JU
 Sample : N4512-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-214MS

Quant Time: Sep 08 04:45:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	36151	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	148990	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	108217	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	263146	20.000	ng	0.00
76) Chrysene-d12	21.831	240	243958	20.000	ng	0.00
86) Perylene-d12	25.215	264	265641	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	239462	115.347	ng	0.00
7) Phenol-d6	7.307	99	322501	113.591	ng	0.01
23) Nitrobenzene-d5	9.322	82	191251	67.387	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	169014	124.988	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	501307	69.626	ng	0.00
79) Terphenyl-d14	20.127	244	907006	73.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	36515	36.835	ng	96
3) Pyridine	3.929	79	96019	34.726	ng	97
4) n-Nitrosodimethylamine	3.846	42	46449	38.861	ng	94
6) Aniline	7.466	93	96338	28.559	ng	98
8) 2-Chlorophenol	7.712	128	117983	52.017	ng	97
9) Benzaldehyde	7.278	77	57730	31.024	ng	98
10) Phenol	7.331	94	148109	50.727	ng	99
11) bis(2-Chloroethyl)ether	7.554	93	105417	44.892	ng	95
12) 1,3-Dichlorobenzene	8.036	146	124661	47.493	ng	98
13) 1,4-Dichlorobenzene	8.183	146	125687	47.472	ng	98
14) 1,2-Dichlorobenzene	8.506	146	123179	49.066	ng	98
15) Benzyl Alcohol	8.388	79	101256	49.367	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.670	45	147432	40.125	ng	97
17) 2-Methylphenol	8.594	107	103096	51.285	ng	98
18) Hexachloroethane	9.240	117	44829	46.694	ng	95
19) n-Nitroso-di-n-propyla...	8.952	70	85792	43.942	ng	# 94
20) 3+4-Methylphenols	8.923	107	141832	50.880	ng	96
22) Acetophenone	8.976	105	171542	46.021	ng	# 96
24) Nitrobenzene	9.369	77	124716	43.598	ng	95
25) Isophorone	9.886	82	247336	46.739	ng	99
26) 2-Nitrophenol	10.080	139	66416	52.561	ng	98
27) 2,4-Dimethylphenol	10.133	122	115964	57.922	ng	96
28) bis(2-Chloroethoxy)met...	10.362	93	149665	49.633	ng	99
29) 2,4-Dichlorophenol	10.621	162	121685	53.436	ng	97
30) 1,2,4-Trichlorobenzene	10.832	180	122848	47.207	ng	97
31) Naphthalene	11.026	128	368113	46.051	ng	99
32) Benzoic acid	10.309	122	29320	24.982	ng	97
33) 4-Chloroaniline	11.138	127	57225	17.560	ng	96
34) Hexachlorobutadiene	11.297	225	80035	48.002	ng	99
35) Caprolactam	11.960	113	17115	21.303	ng	87
36) 4-Chloro-3-methylphenol	12.254	107	134534	54.025	ng	98
37) 2-Methylnaphthalene	12.624	142	267992	47.833	ng	99
38) 1-Methylnaphthalene	12.842	142	258964	47.508	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	157629	48.321	ng	98
41) Hexachlorocyclopentadiene	12.959	237	119449	69.045	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	103252	47.686	ng	98

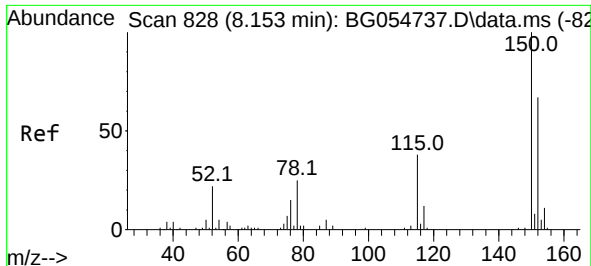
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	117176	48.188	ng	98
46) 1,1'-Biphenyl	13.617	154	372161	46.310	ng	99
47) 2-Chloronaphthalene	13.670	162	279470	45.791	ng	99
48) 2-Nitroaniline	13.870	65	88305	46.167	ng	94
49) Acenaphthylene	14.510	152	483331	47.991	ng	99
50) Dimethylphthalate	14.228	163	381424	45.750	ng	99
51) 2,6-Dinitrotoluene	14.358	165	85904	50.376	ng	85
52) Acenaphthene	14.851	154	284837	44.029	ng	99
53) 3-Nitroaniline	14.693	138	57083	29.903	ng	92
54) 2,4-Dinitrophenol	14.904	184	85390	87.997	ng	98
55) Dibenzofuran	15.180	168	457609	48.138	ng	99
56) 4-Nitrophenol	15.004	139	142262	96.300	ng	94
57) 2,4-Dinitrotoluene	15.145	165	123626	52.413	ng #	85
58) Fluorene	15.832	166	393328	49.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.409	232	101258	46.194	ng	99
60) Diethylphthalate	15.586	149	389035	46.730	ng	97
61) 4-Chlorophenyl-phenyle...	15.815	204	198489	50.242	ng	97
62) 4-Nitroaniline	15.856	138	90871	46.624	ng	96
63) Azobenzene	16.109	77	347242	43.889	ng	95
65) 4,6-Dinitro-2-methylph...	15.909	198	66360	49.542	ng	95
66) n-Nitrosodiphenylamine	16.032	169	349967	46.117	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	142717	49.398	ng	96
68) Hexachlorobenzene	16.831	284	162263	49.960	ng	96
69) Atrazine	16.978	200	138244	51.637	ng	99
70) Pentachlorophenol	17.184	266	136859	77.555	ng	97
71) Phenanthrene	17.577	178	762561	54.399	ng	99
72) Anthracene	17.666	178	660018	48.428	ng	100
73) Carbazole	17.936	167	602195	47.958	ng	100
74) Di-n-butylphthalate	18.476	149	708233	44.573	ng	99
75) Fluoranthene	19.581	202	1021004	59.873	ng	98
77) Benzidine	19.757	184	313104	51.817	ng	100
78) Pyrene	19.945	202	1003283	58.978	ng	98
80) Butylbenzylphthalate	20.815	149	309518	43.621	ng	93
81) Benzo(a)anthracene	21.814	228	862606	52.149	ng	98
82) 3,3'-Dichlorobenzidine	21.720	252	123982	21.378	ng	98
83) Chrysene	21.878	228	829201	52.429	ng	99
84) Bis(2-ethylhexyl)phtha...	21.684	149	490106	47.942	ng	98
85) Di-n-octyl phthalate	22.948	149	763347	44.031	ng #	94
87) Indeno(1,2,3-cd)pyrene	29.123	276	999089	49.542	ng #	94
88) Benzo(b)fluoranthene	24.134	252	949343	56.970	ng	98
89) Benzo(k)fluoranthene	24.205	252	837513	49.939	ng	98
90) Benzo(a)pyrene	25.057	252	813431	57.135	ng	99
91) Dibenzo(a,h)anthracene	29.187	278	792377	48.229	ng	98
92) Benzo(g,h,i)perylene	30.345	276	870463	52.445	ng	97

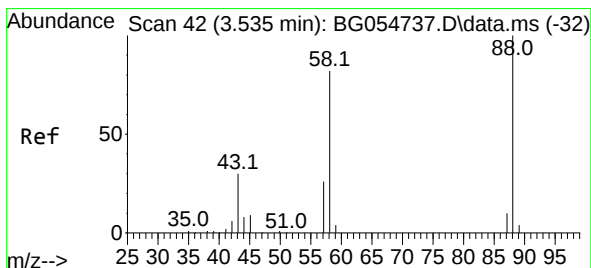
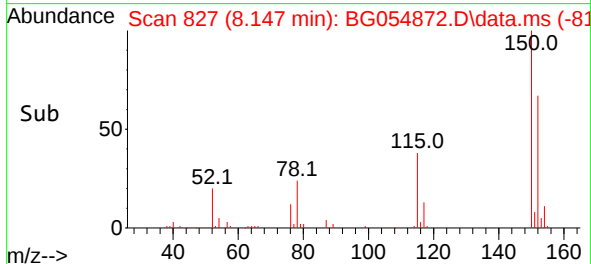
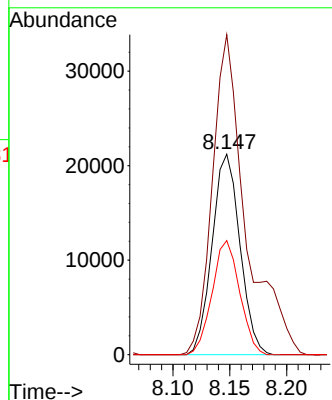
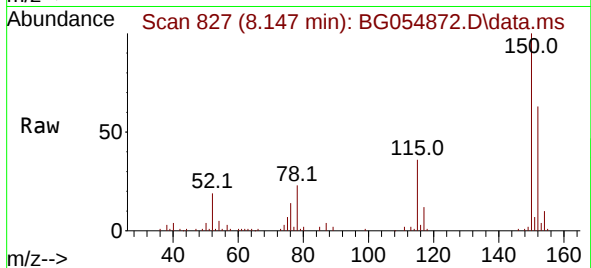
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054872.D
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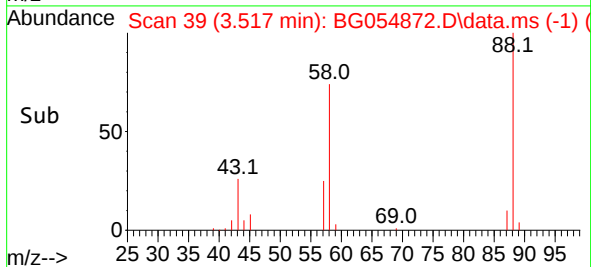
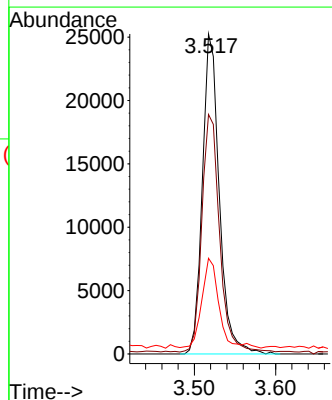
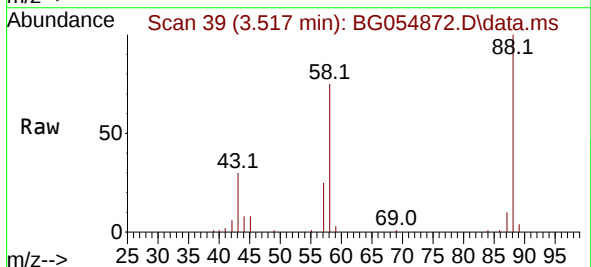
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion:152 Resp: 36151
Ion Ratio Lower Upper
152 100
150 159.7 125.2 187.8
115 56.9 47.9 71.9



#2
1,4-Dioxane
Concen: 36.835 ng
RT: 3.517 min Scan# 39
Delta R.T. -0.018 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 88 Resp: 36515
Ion Ratio Lower Upper
88 100
58 77.4 65.9 98.9
43 28.3 22.7 34.1

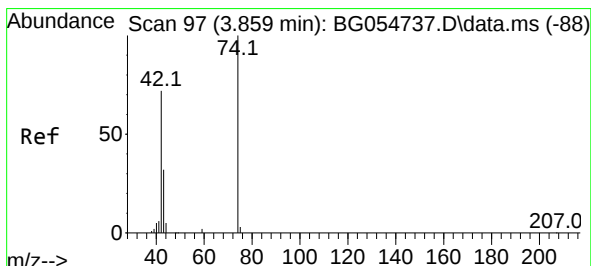
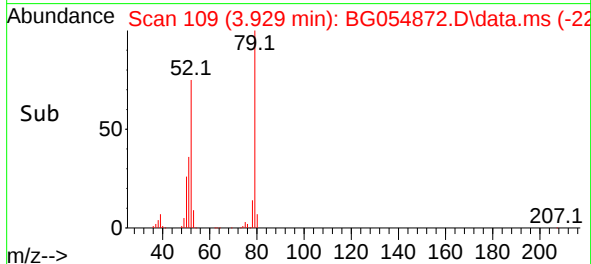
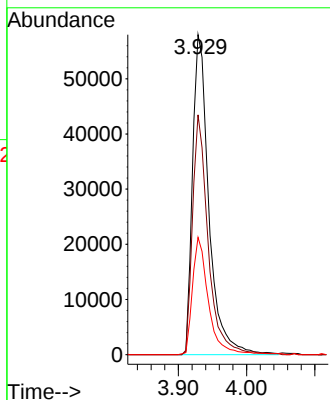
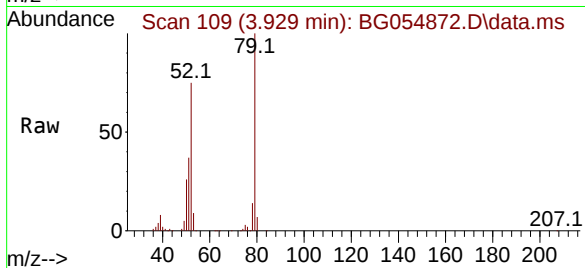




#3
Pyridine
Concen: 34.726 ng
RT: 3.929 min Scan# 109
Delta R.T. -0.018 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

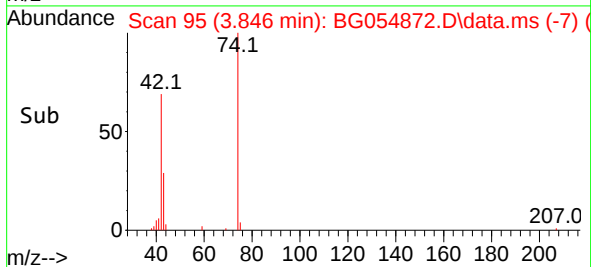
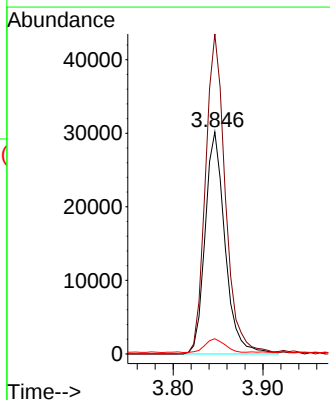
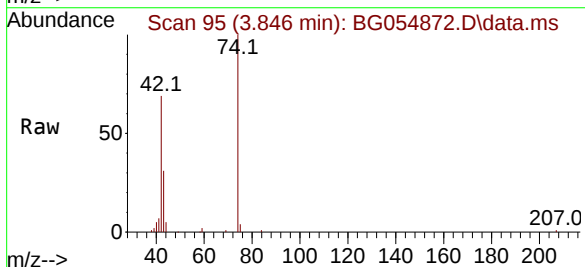
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion: 79 Resp: 96019
Ion Ratio Lower Upper
79 100
52 74.9 61.4 92.0
51 36.7 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 38.861 ng
RT: 3.846 min Scan# 95
Delta R.T. -0.012 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 42 Resp: 46449
Ion Ratio Lower Upper
42 100
74 144.1 109.6 164.4
44 6.9 5.5 8.3

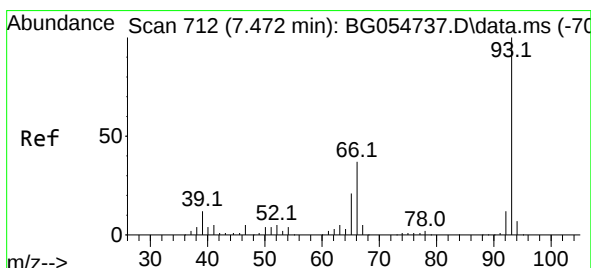
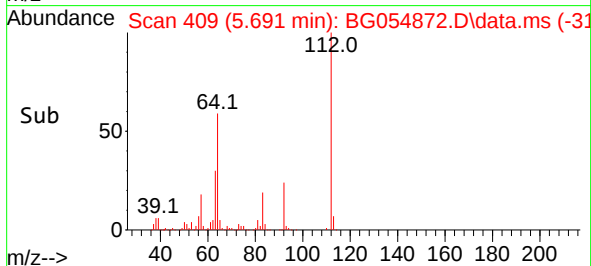
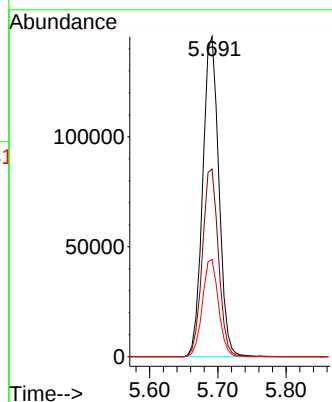
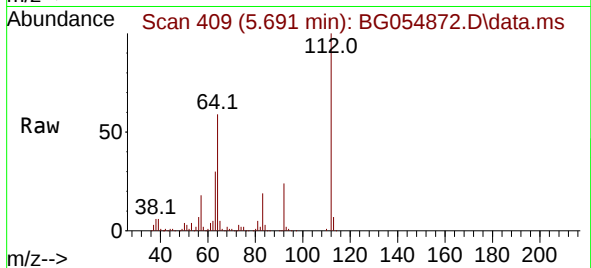




#5
2-Fluorophenol
Concen: 115.347 ng
RT: 5.691 min Scan# 408
Delta R.T. 0.005 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

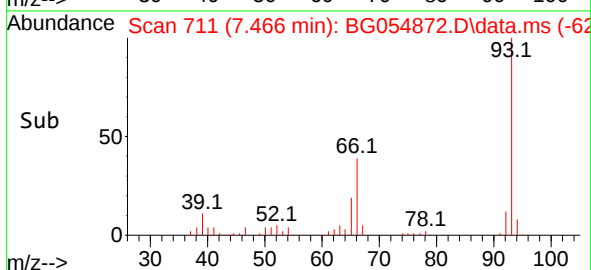
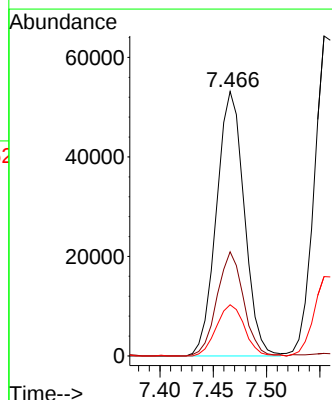
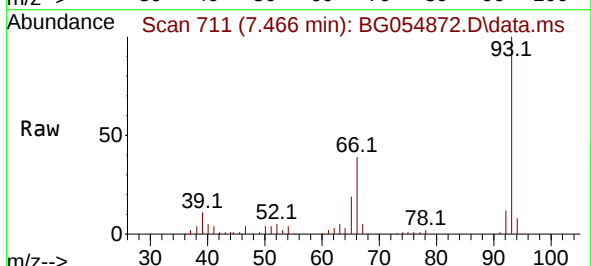
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion:112 Resp: 239462
Ion Ratio Lower Upper
112 100
64 58.7 49.3 73.9
63 30.4 26.3 39.5



#6
Aniline
Concen: 28.559 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 93 Resp: 96338
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.8
65 19.3 16.6 25.0

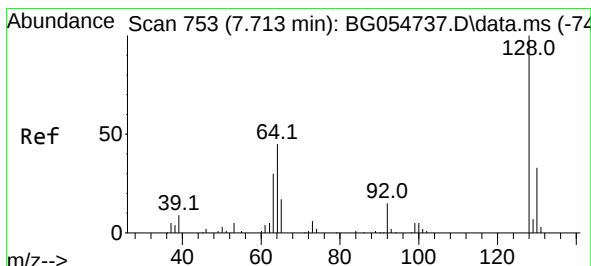
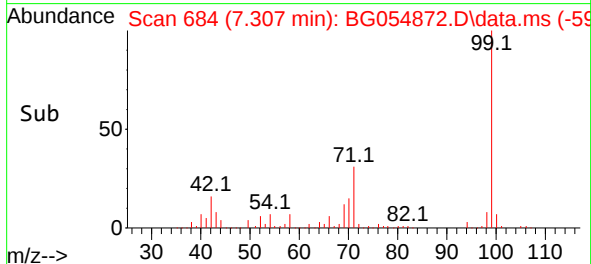
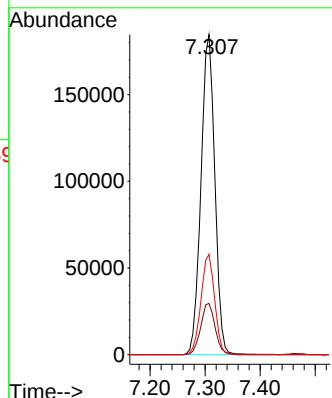
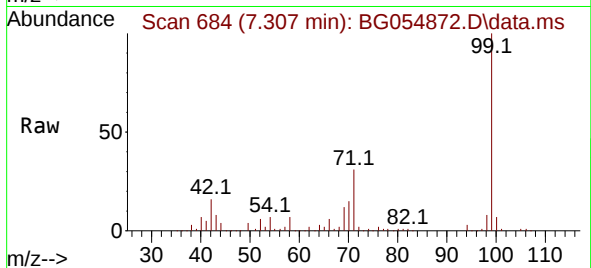




#7
Phenol-d6
Concen: 113.591 ng
RT: 7.307 min Scan# 684
Delta R.T. 0.011 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

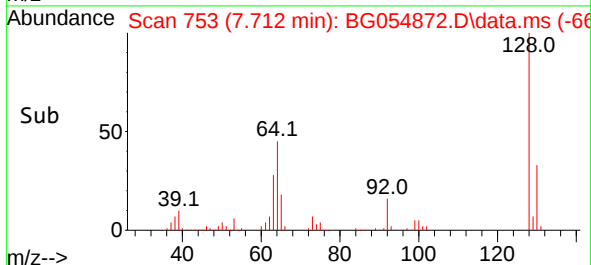
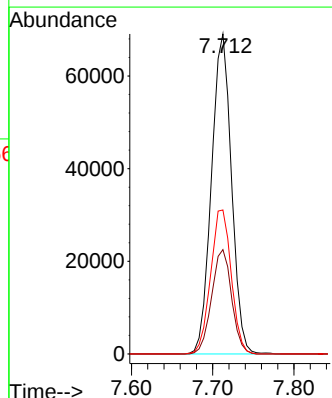
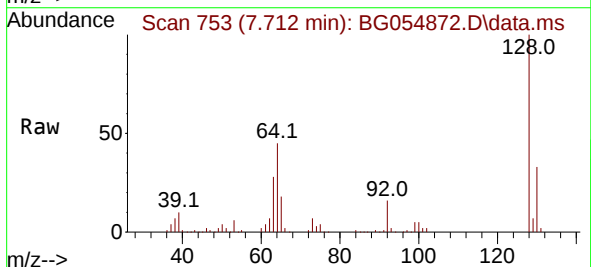
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion: 99 Resp: 322501
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 31.4 24.6 37.0



#8
2-Chlorophenol
Concen: 52.017 ng
RT: 7.712 min Scan# 753
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:128 Resp: 117983
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 45.0 28.6 68.6

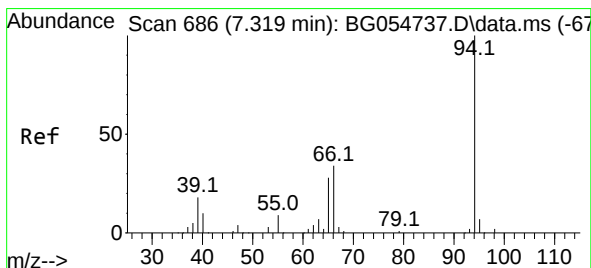
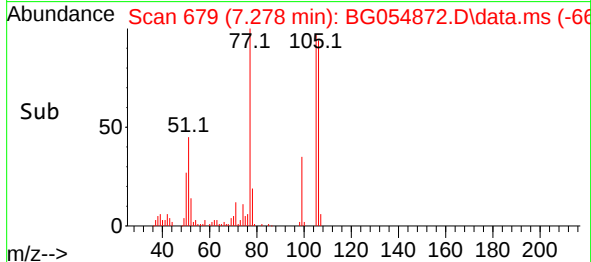
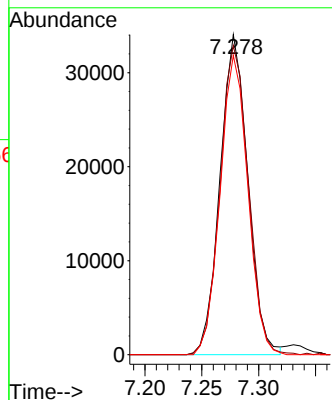
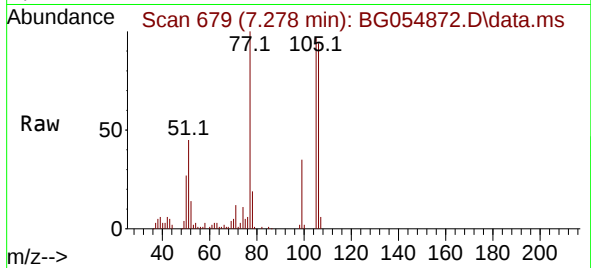




#9
Benzaldehyde
Concen: 31.024 ng
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

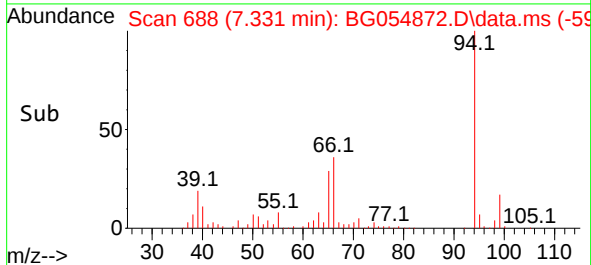
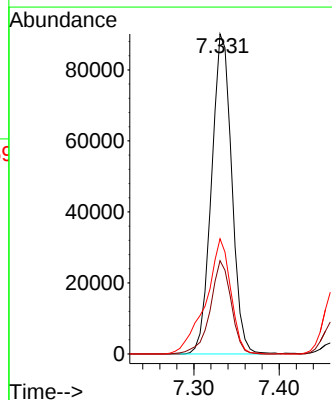
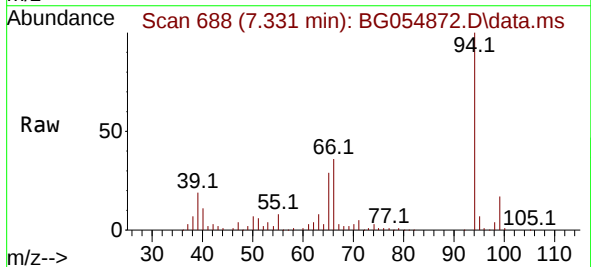
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BNA_G
ClientSampleId :
VNJ-214MS

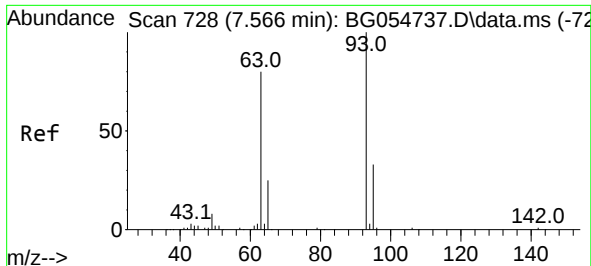
Tgt Ion: 77 Resp: 57730
Ion Ratio Lower Upper
77 100
105 96.6 75.3 115.3
106 93.5 70.2 110.2



#10
Phenol
Concen: 50.727 ng
RT: 7.331 min Scan# 688
Delta R.T. 0.011 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 94 Resp: 148109
Ion Ratio Lower Upper
94 100
65 29.2 9.9 49.9
66 36.0 16.4 56.4

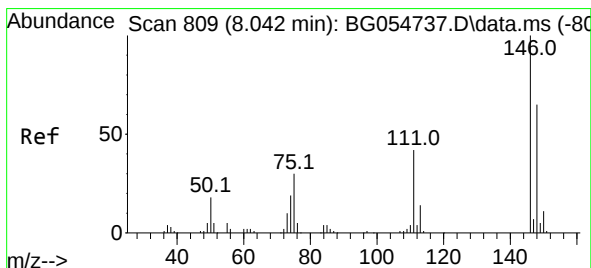
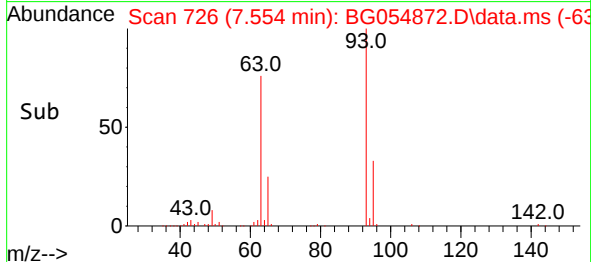
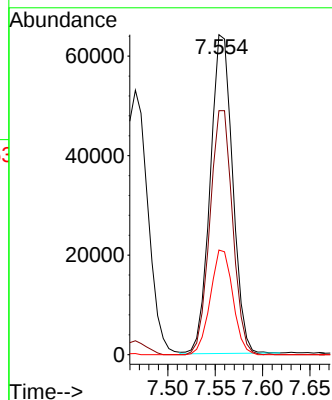
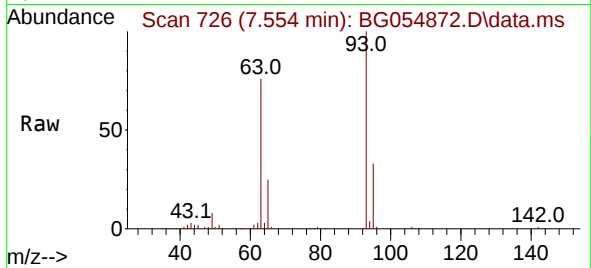




#11
bis(2-Chloroethyl)ether
Concen: 44.892 ng
RT: 7.554 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

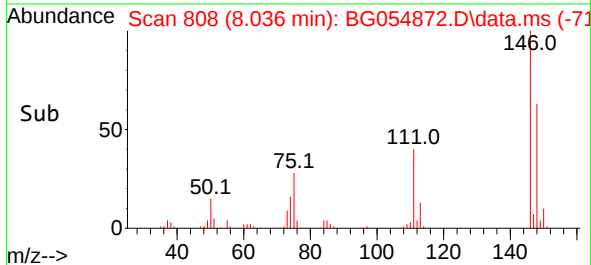
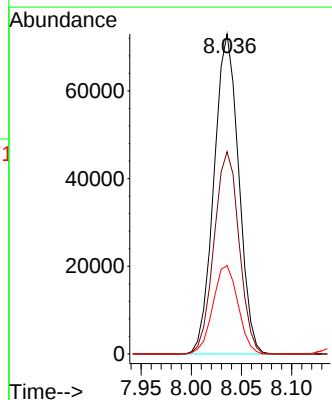
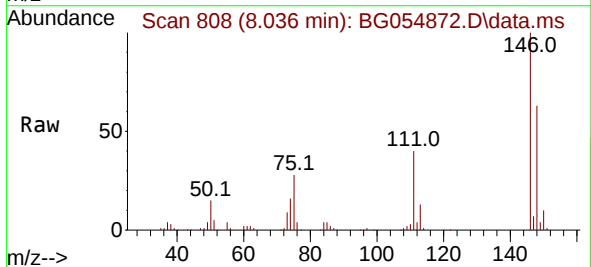
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

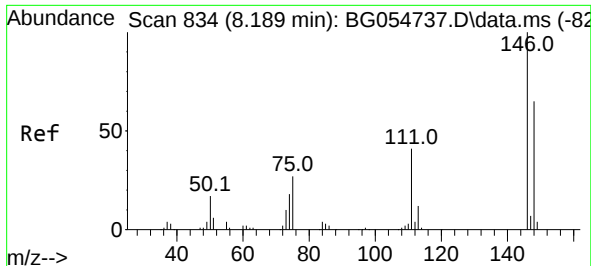
Tgt Ion: 93 Resp: 105417
Ion Ratio Lower Upper
93 100
63 76.3 62.1 102.1
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.493 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 146 Resp: 124661
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 27.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 47.472 ng

RT: 8.183 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

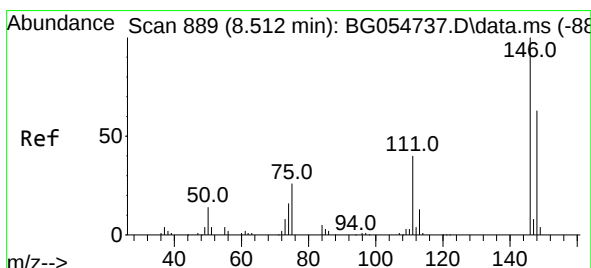
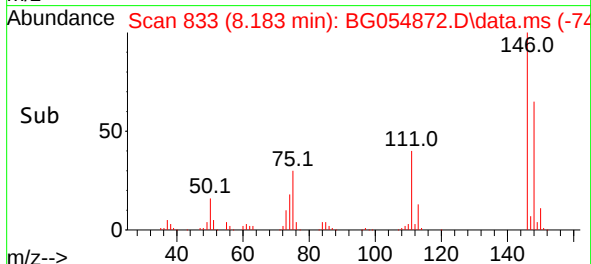
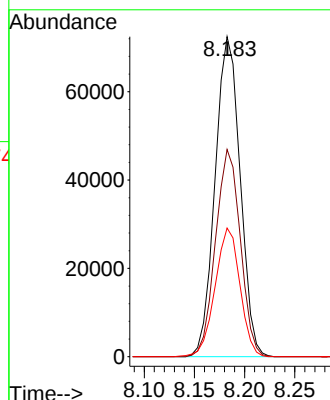
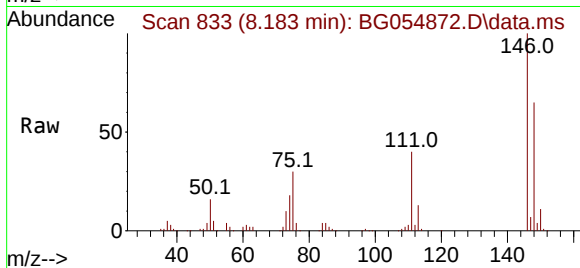
Tgt Ion:146 Resp: 125687

Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

111 40.2 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 49.066 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

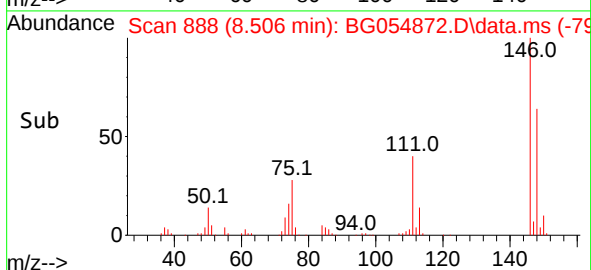
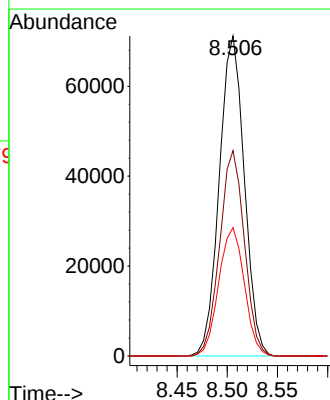
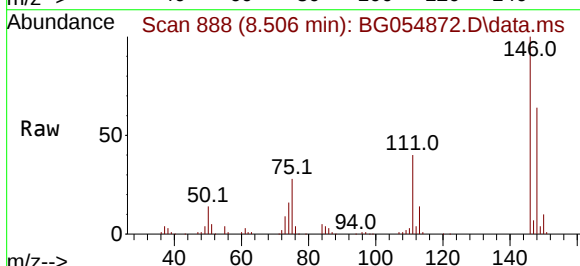
Tgt Ion:146 Resp: 123179

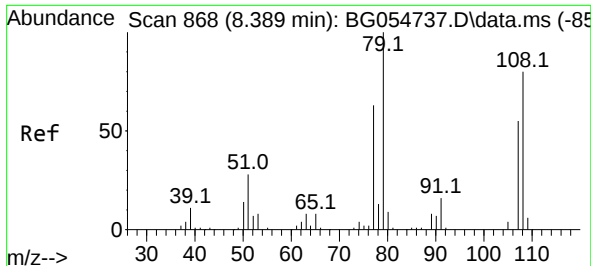
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 40.1 34.3 51.5

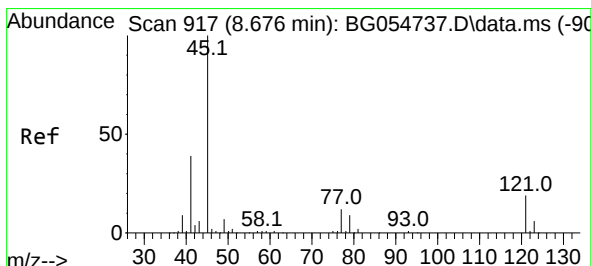
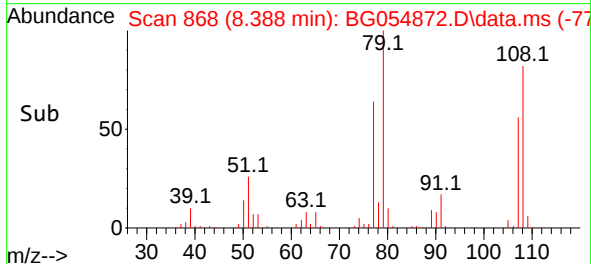
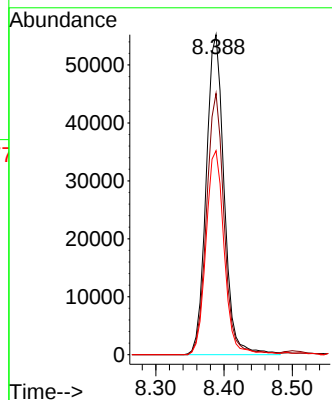
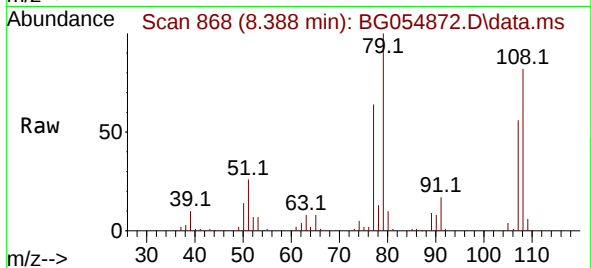




#15
Benzyl Alcohol
Concen: 49.367 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

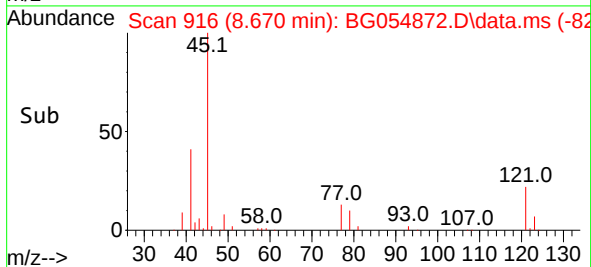
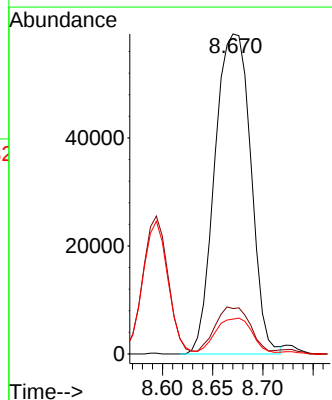
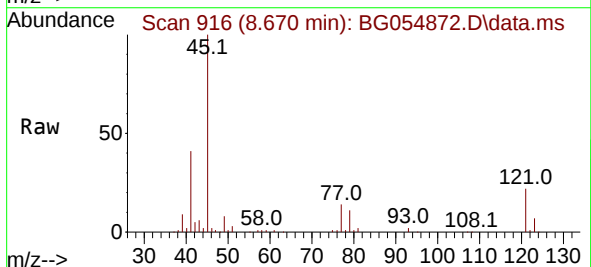
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

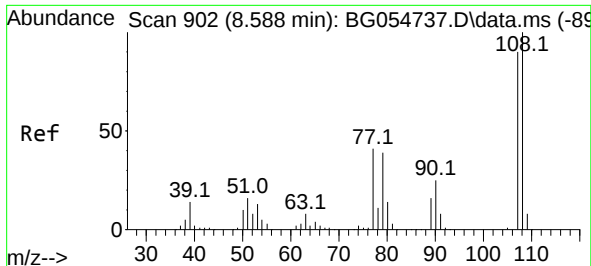
Tgt Ion: 79 Resp: 101256
Ion Ratio Lower Upper
79 100
108 81.7 63.4 95.0
77 63.7 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.125 ng
RT: 8.670 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion: 45 Resp: 147432
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.8
79 10.9 0.0 30.4

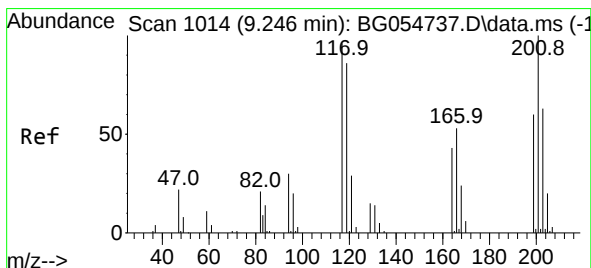
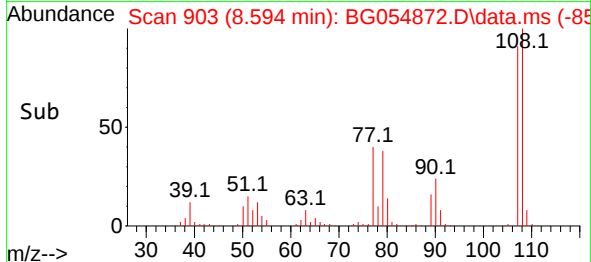
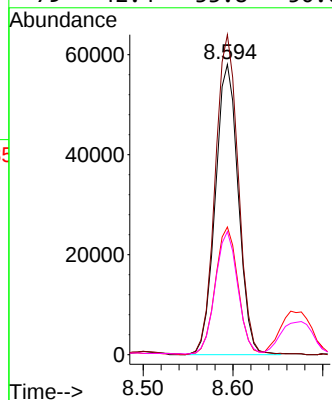
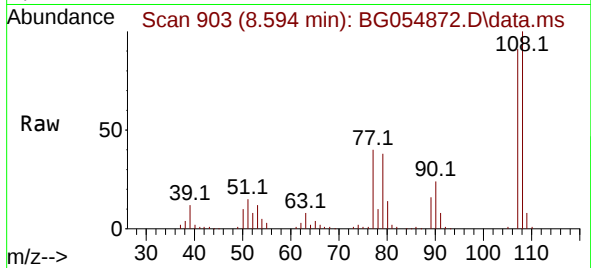




#17
2-Methylphenol
Concen: 51.285 ng
RT: 8.594 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

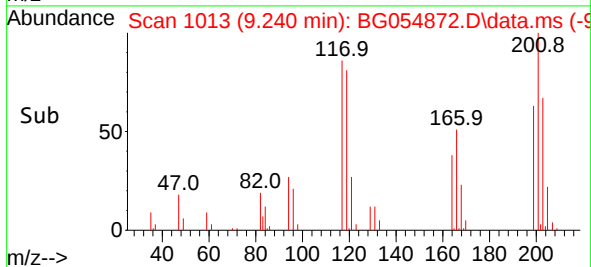
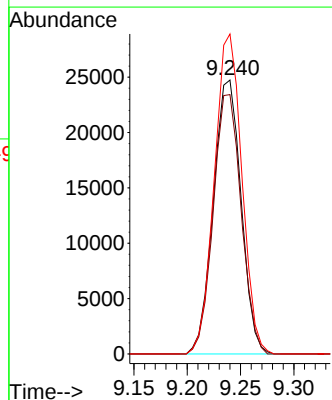
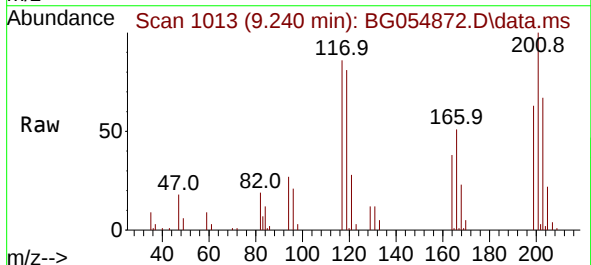
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

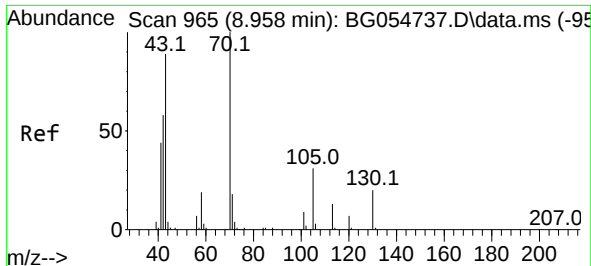
Tgt Ion:	107	Resp:	103096
Ion	Ratio	Lower	Upper
107	100		
108	110.2	85.6	128.4
77	44.0	35.8	53.8
79	42.4	33.8	50.6



#18
Hexachloroethane
Concen: 46.694 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:	117	Resp:	44829
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.0	115.6
201	116.8	87.2	130.8

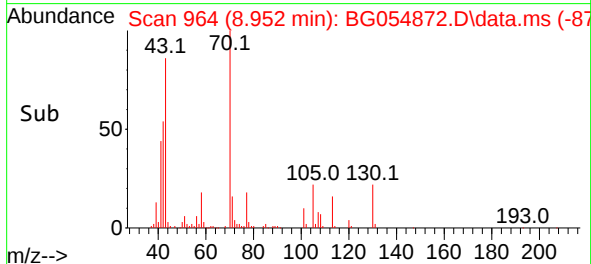
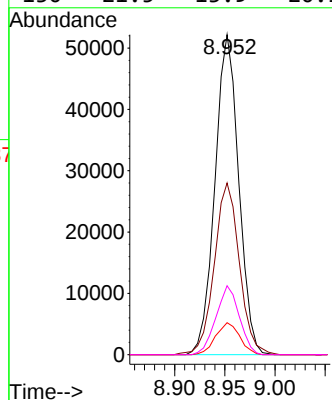
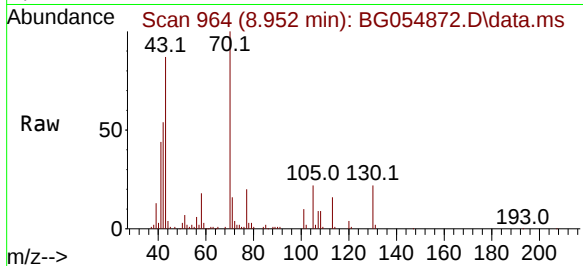




#19
n-Nitroso-di-n-propylamine
Concen: 43.942 ng
RT: 8.952 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

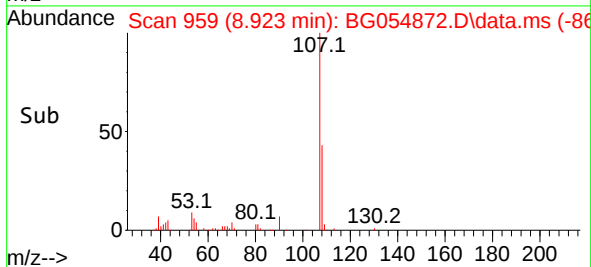
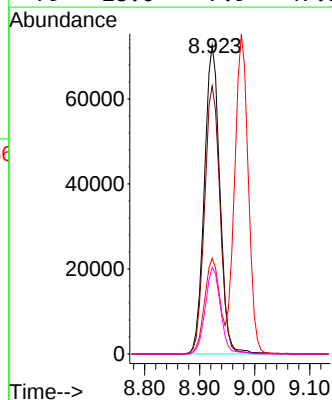
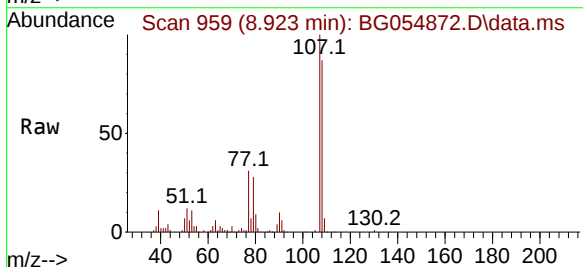
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion:	70	Resp:	85792
Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.6	69.8
101	10.0	7.7	11.5
130	21.5	13.9	20.9



#20
3+4-Methylphenols
Concen: 50.880 ng
RT: 8.923 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:	107	Resp:	141832
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.6	111.6
77	31.0	13.1	53.1
79	28.0	7.9	47.9

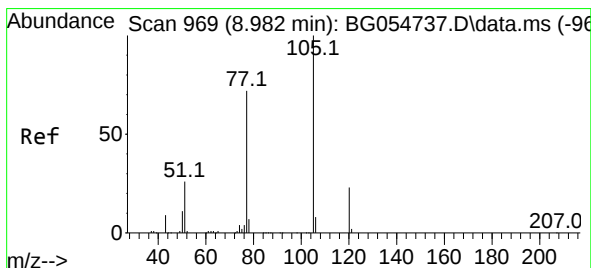
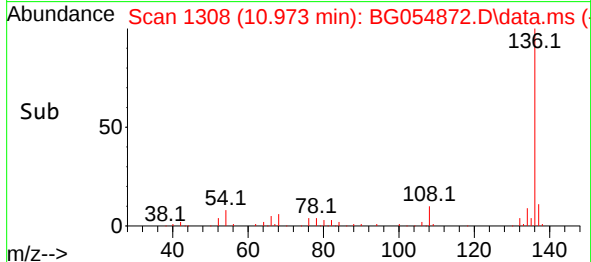
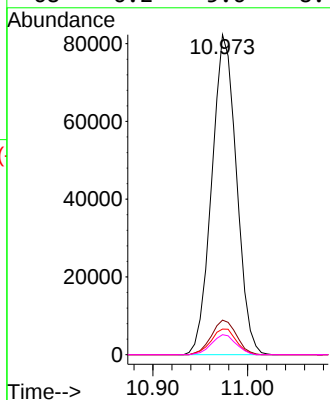
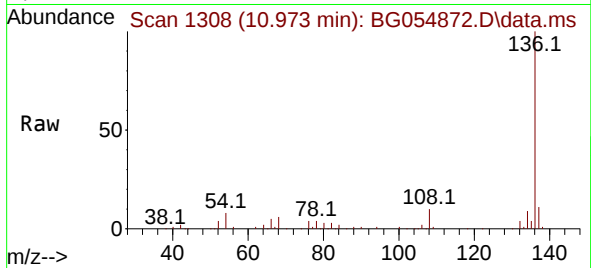




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

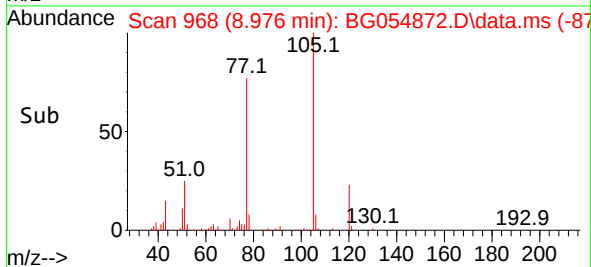
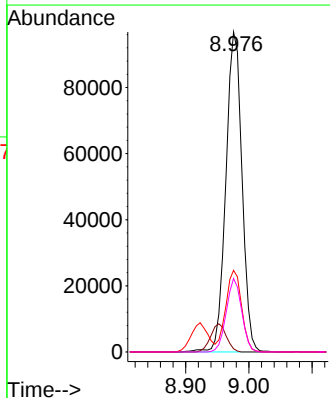
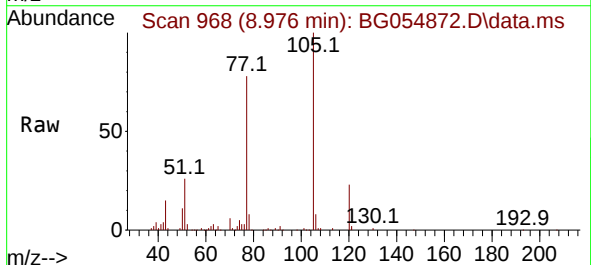
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

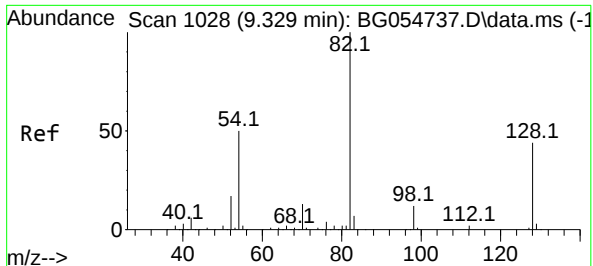
Tgt Ion:	136	Resp:	148990
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.0	7.7	11.5
68	6.2	5.6	8.4



#22
Acetophenone
Concen: 46.021 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:	105	Resp:	171542
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	25.5	22.9	34.3
120	23.0	17.4	26.2





#23

Nitrobenzene-d5

Concen: 67.387 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

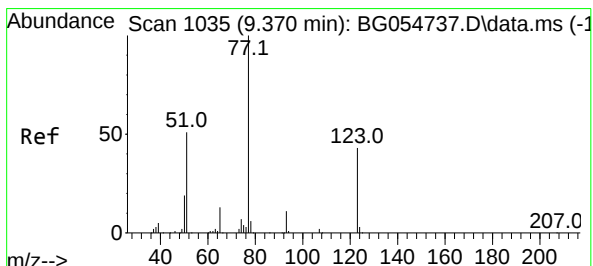
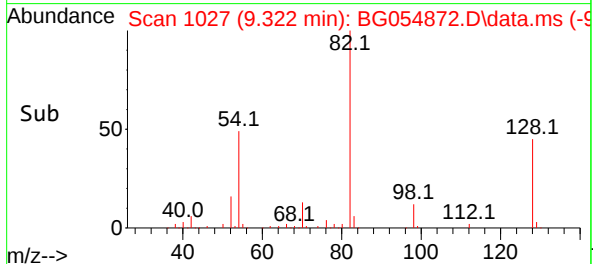
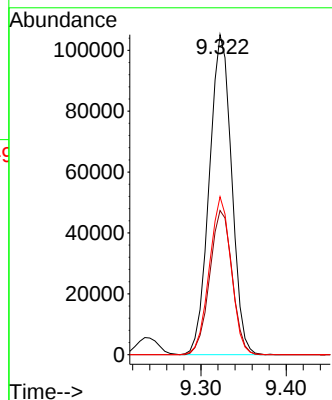
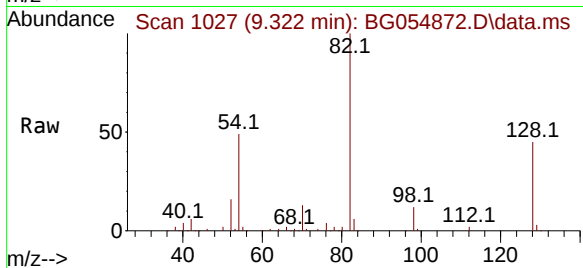
Tgt Ion: 82 Resp: 191251

Ion Ratio Lower Upper

82 100

128 45.0 32.2 48.2

54 49.3 41.4 62.0



#24

Nitrobenzene

Concen: 43.598 ng

RT: 9.369 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

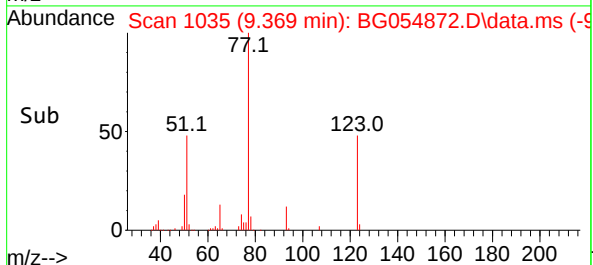
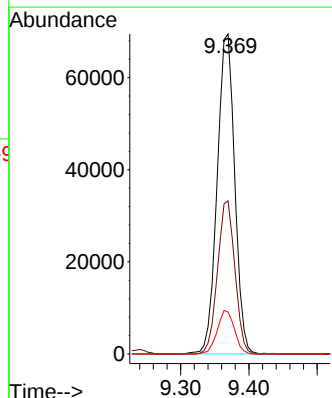
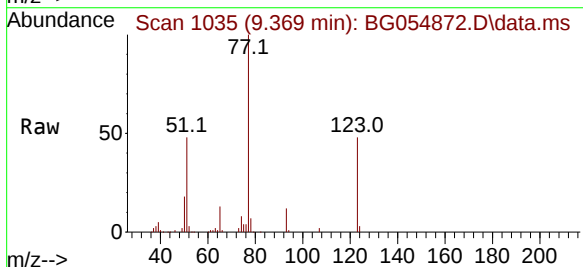
Tgt Ion: 77 Resp: 124716

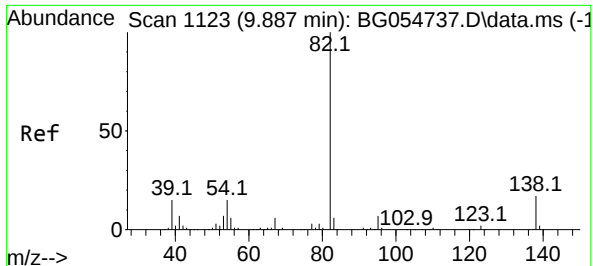
Ion Ratio Lower Upper

77 100

123 47.8 35.0 52.6

65 13.2 10.2 15.2

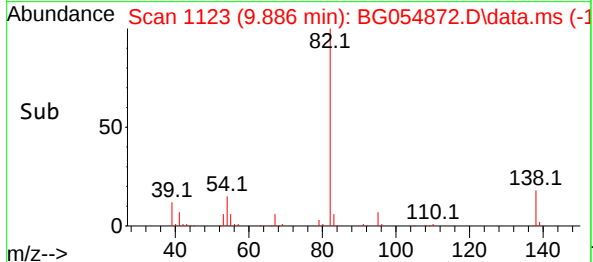
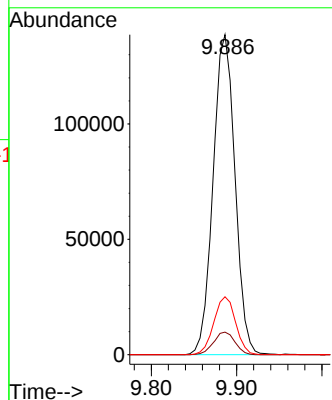
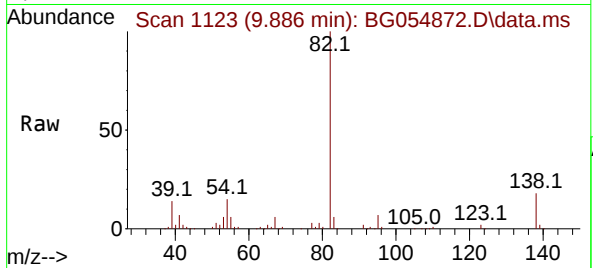




#25
Isophorone
Concen: 46.739 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

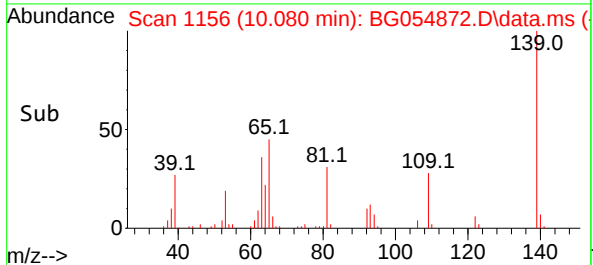
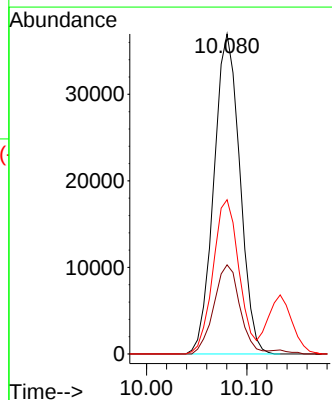
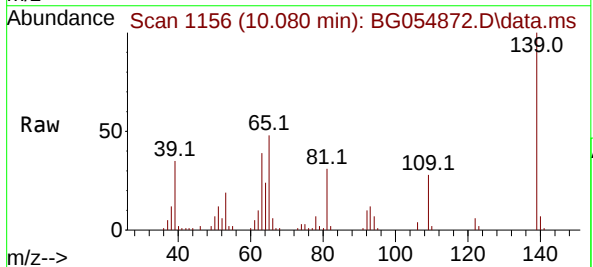
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

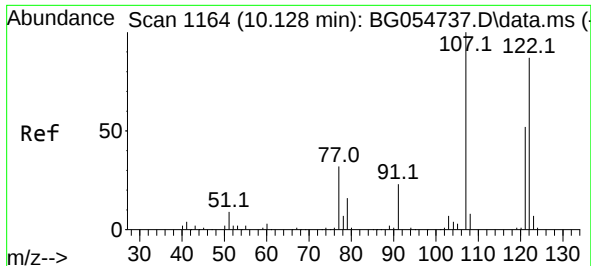
Tgt Ion: 82 Resp: 247336
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 52.561 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:139 Resp: 66416
Ion Ratio Lower Upper
139 100
109 27.9 21.8 32.6
65 48.2 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 57.922 ng

RT: 10.133 min Scan# 1165

Delta R.T. 0.005 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

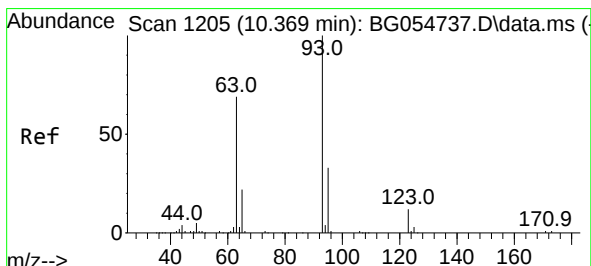
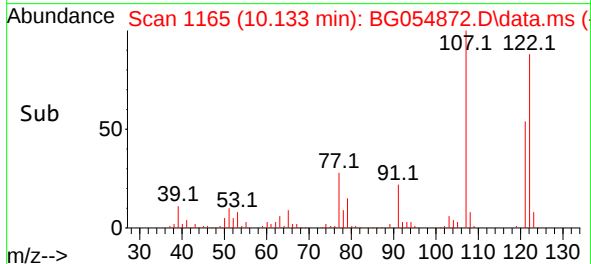
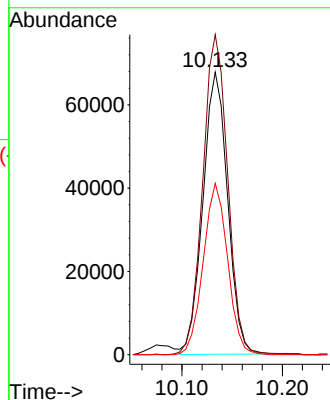
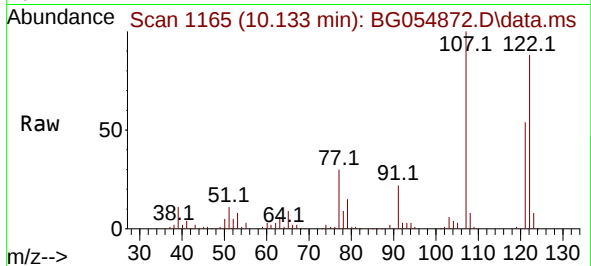
Tgt Ion:122 Resp: 115964

Ion Ratio Lower Upper

122 100

107 113.3 94.6 142.0

121 60.6 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.633 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

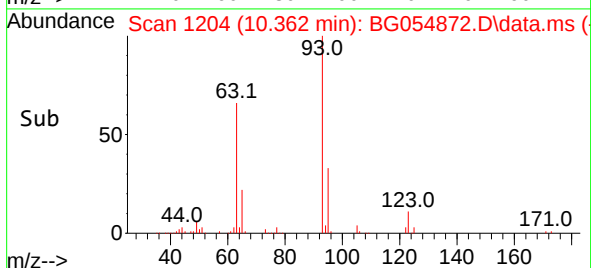
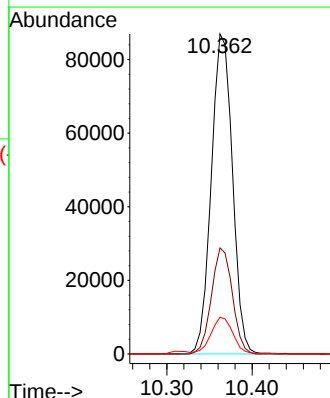
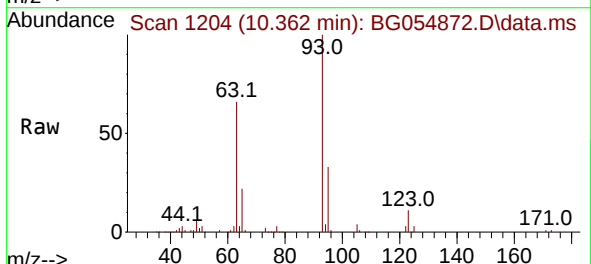
Tgt Ion: 93 Resp: 149665

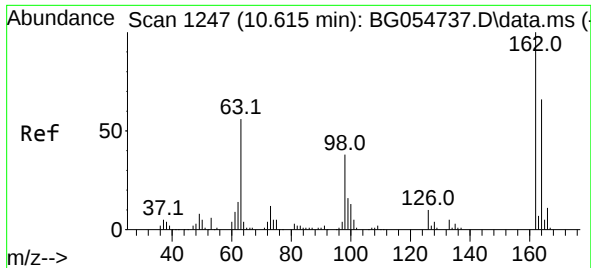
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 53.436 ng

RT: 10.621 min Scan# 1248

Delta R.T. 0.005 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

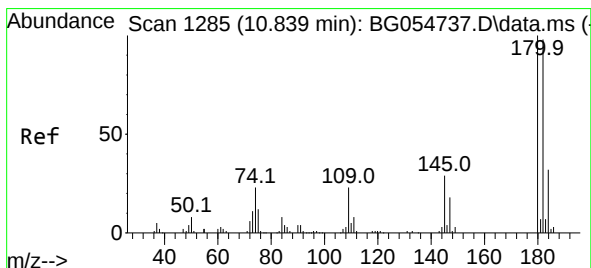
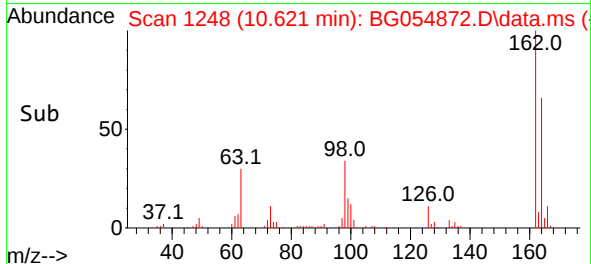
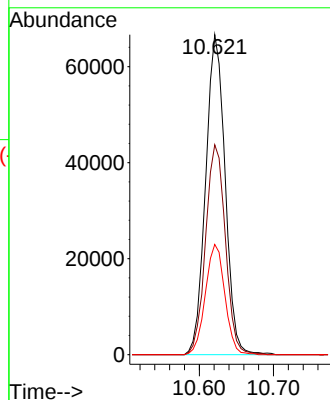
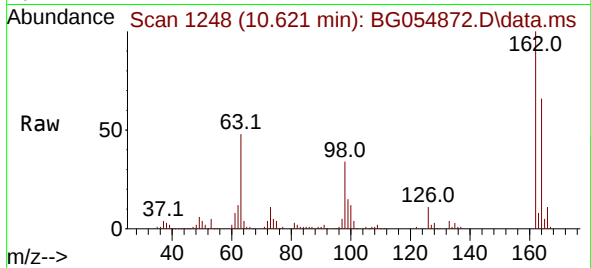
Tgt Ion:162 Resp: 121685

Ion Ratio Lower Upper

162 100

164 65.6 47.2 87.2

98 34.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 47.207 ng

RT: 10.832 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

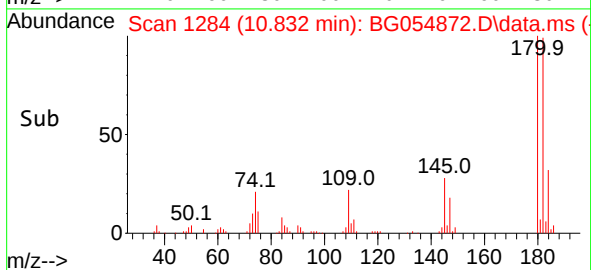
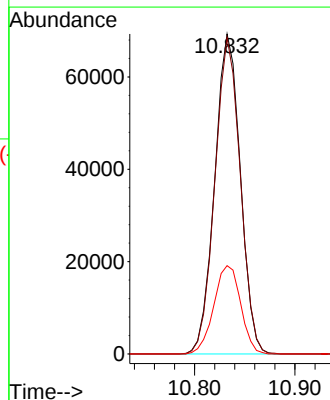
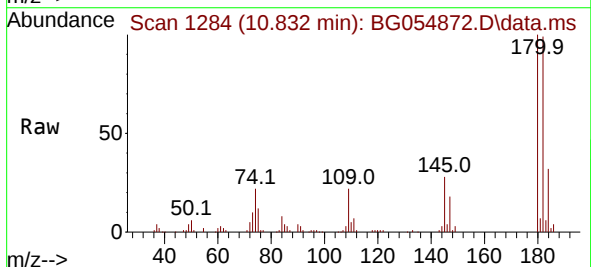
Tgt Ion:180 Resp: 122848

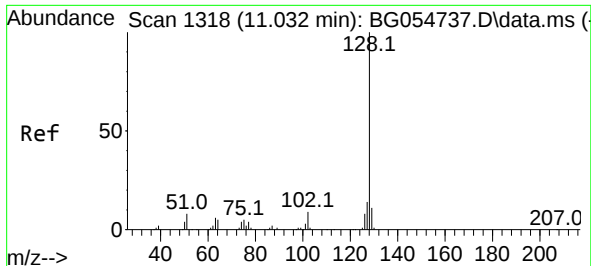
Ion Ratio Lower Upper

180 100

182 98.9 77.0 115.6

145 27.6 24.0 36.0

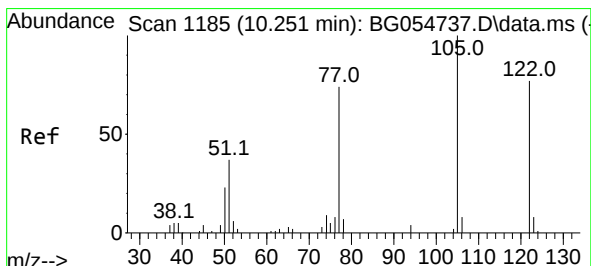
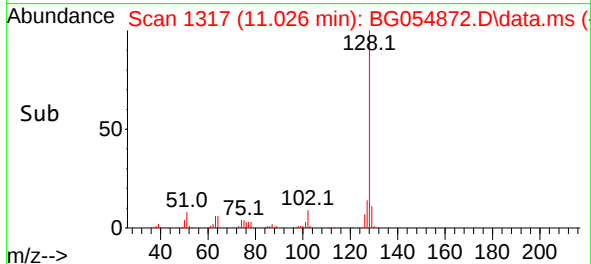
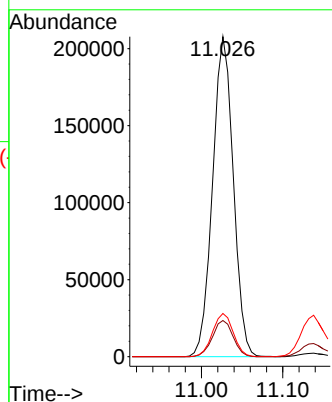
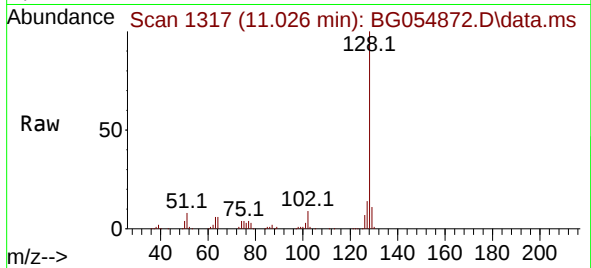




#31
Naphthalene
Concen: 46.051 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

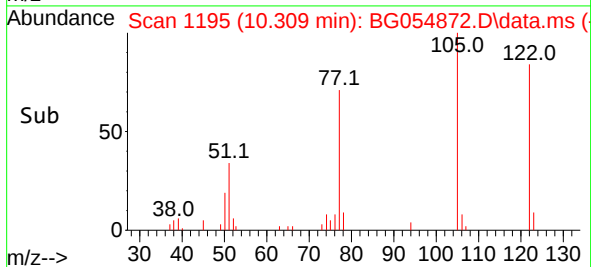
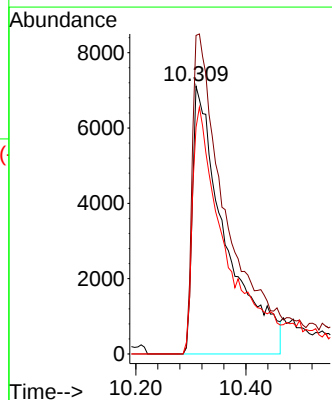
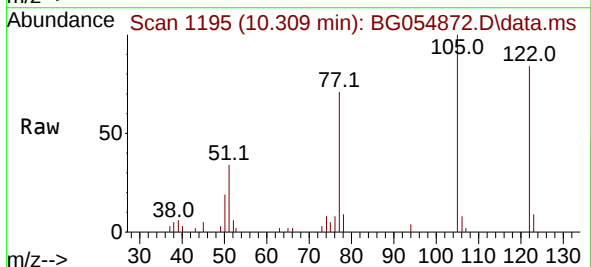
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion:128 Resp: 368113
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 24.982 ng
RT: 10.309 min Scan# 1195
Delta R.T. 0.058 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:122 Resp: 29320
Ion Ratio Lower Upper
122 100
105 119.0 101.5 141.5
77 84.7 69.3 109.3

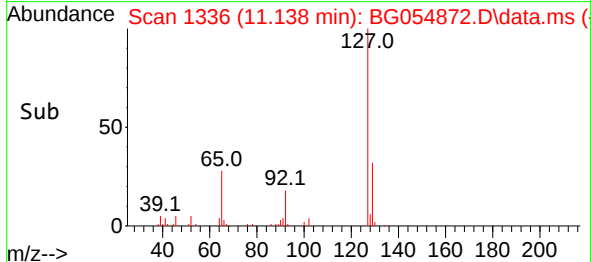
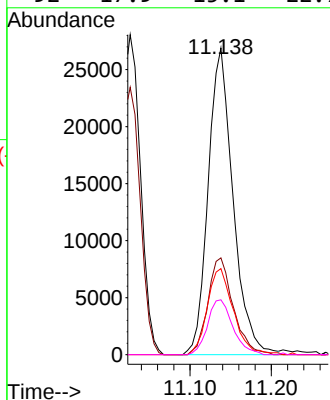
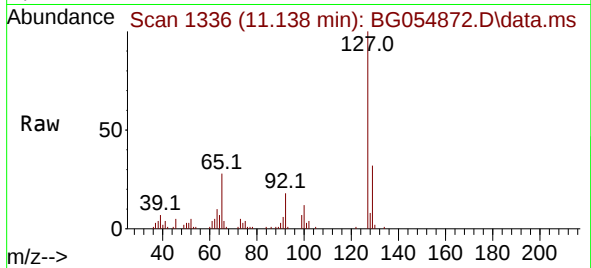




#33
4-Chloroaniline
Concen: 17.560 ng
RT: 11.138 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

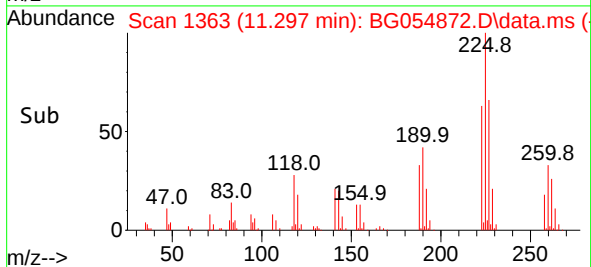
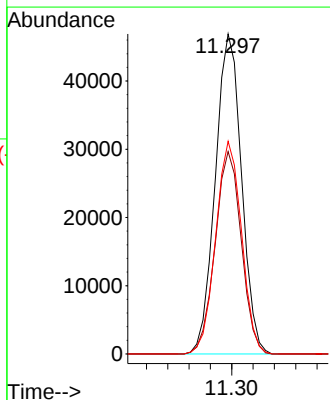
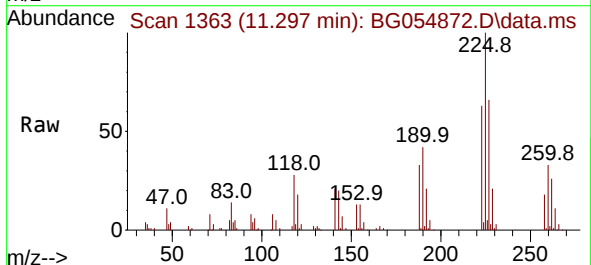
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

Tgt Ion:127	Resp:	57225
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.0 39.0
65	28.1	25.8 38.8
92	17.9	15.1 22.7



#34
Hexachlorobutadiene
Concen: 48.002 ng
RT: 11.297 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:225	Resp:	80035
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.4 77.0
227	66.4	52.6 79.0

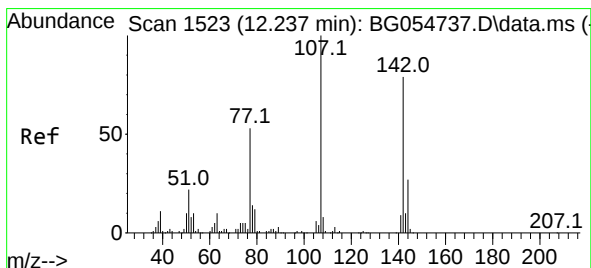
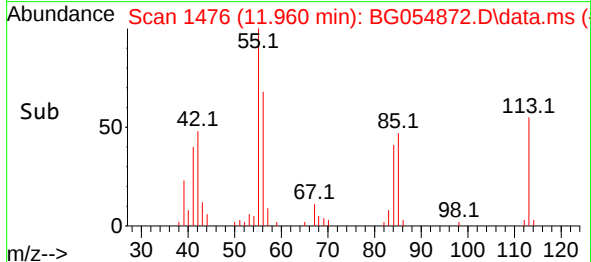
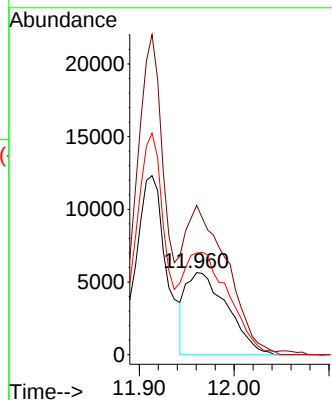
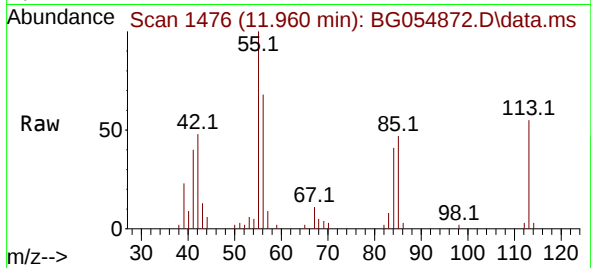




#35
 Caprolactam
 Concen: 21.303 ng
 RT: 11.960 min Scan# 1466
 Delta R.T. 0.058 min
 Lab File: BG054872.D
 Acq: 7 Sep 2022 17:09

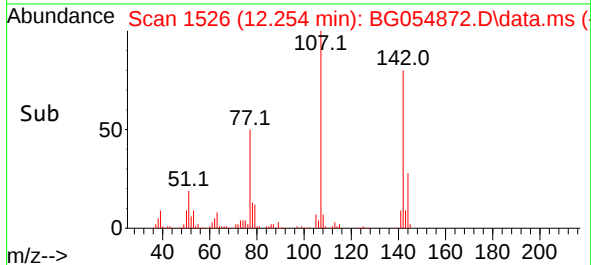
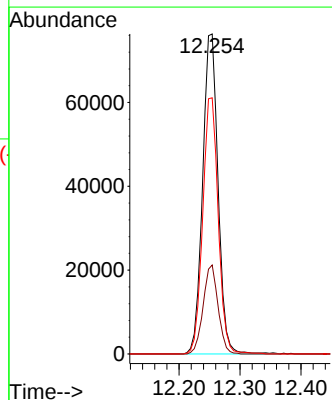
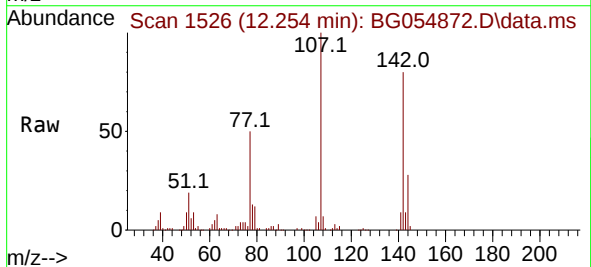
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-214MS

Tgt Ion:113 Resp: 17115
 Ion Ratio Lower Upper
 113 100
 55 181.7 179.1 219.1
 56 123.7 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 54.025 ng
 RT: 12.254 min Scan# 1526
 Delta R.T. 0.017 min
 Lab File: BG054872.D
 Acq: 7 Sep 2022 17:09

Tgt Ion:107 Resp: 134534
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.4 33.6
 142 80.0 65.8 98.8





#37

2-Methylnaphthalene

Concen: 47.833 ng

RT: 12.624 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

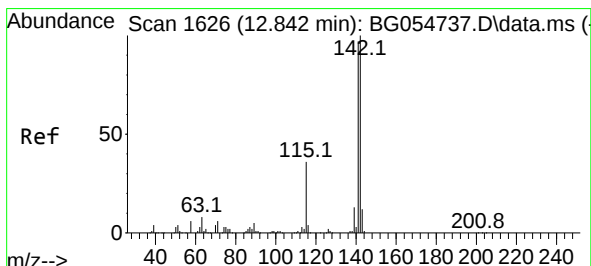
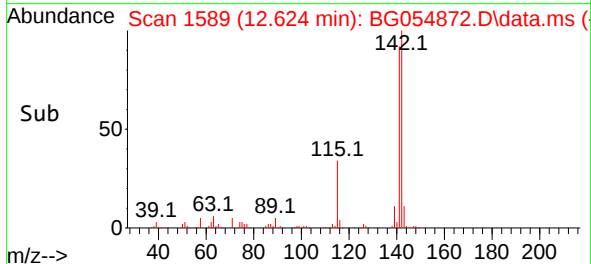
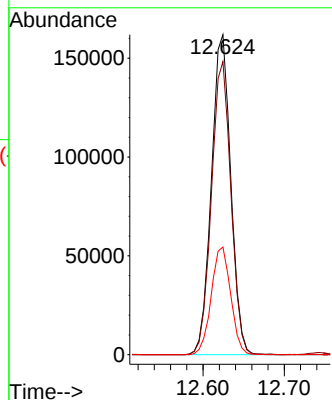
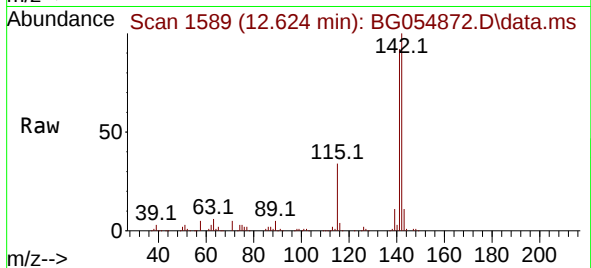
Tgt Ion:142 Resp: 267992

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4

115 33.7 27.3 40.9



#38

1-Methylnaphthalene

Concen: 47.508 ng

RT: 12.842 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

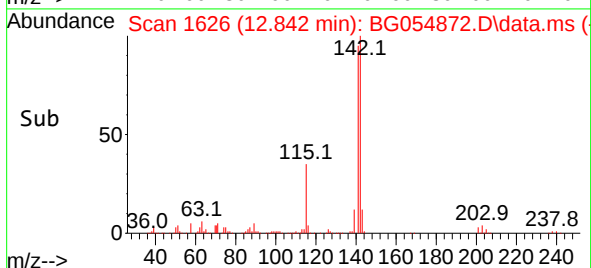
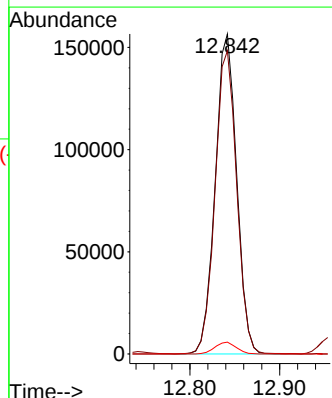
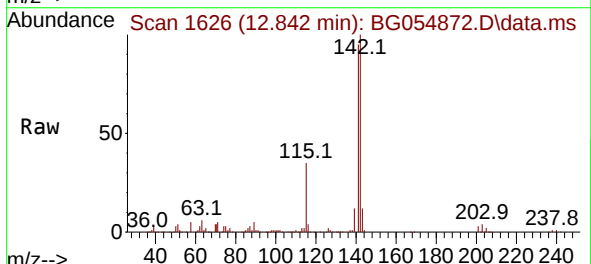
Tgt Ion:142 Resp: 258964

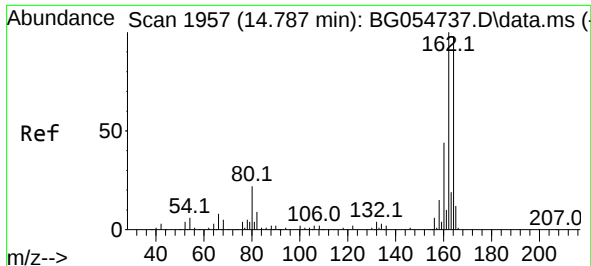
Ion Ratio Lower Upper

142 100

141 94.7 77.4 116.0

116 3.7 3.0 4.4

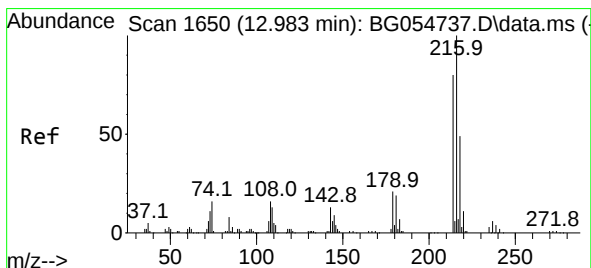
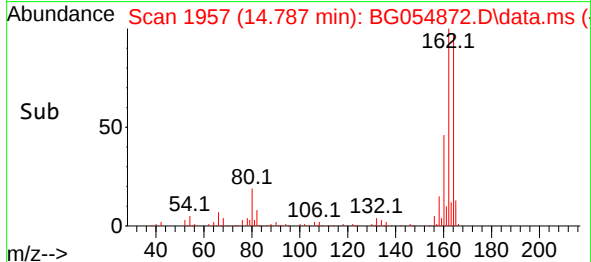
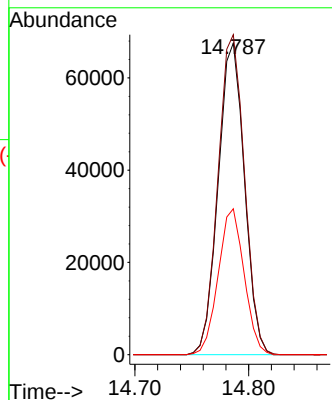
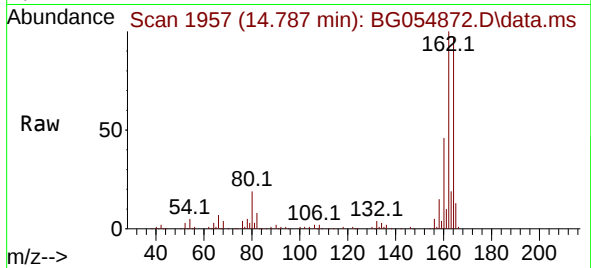




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

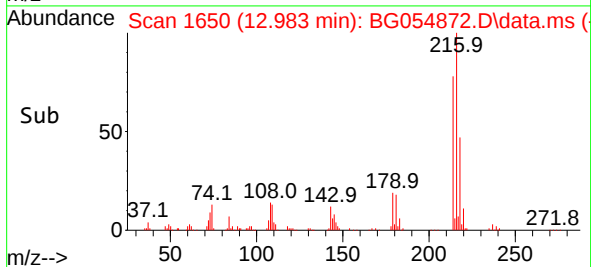
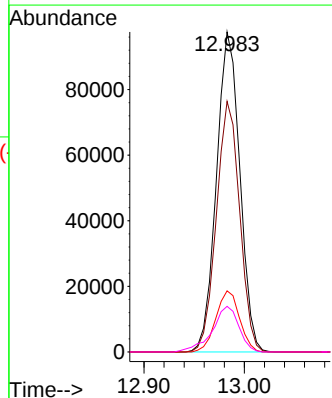
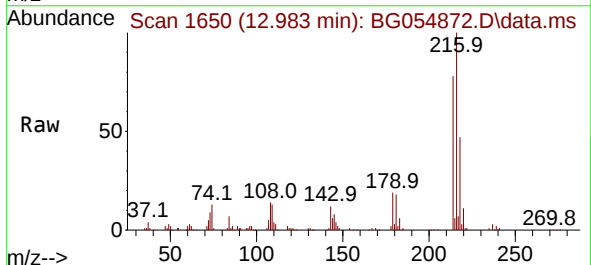
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

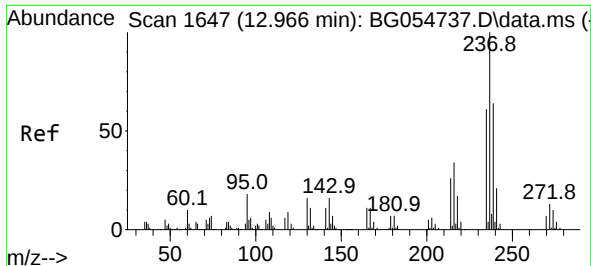
Tgt Ion:164 Resp: 108217
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.321 ng
RT: 12.983 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

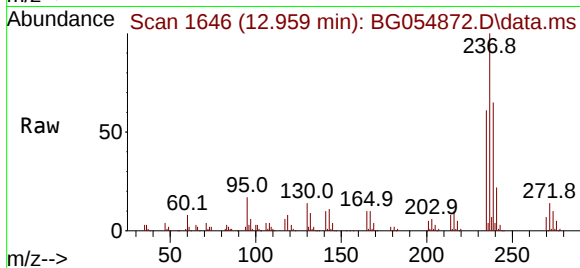
Tgt Ion:216 Resp: 157629
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 19.3 16.5 24.7
108 16.3 13.9 20.9



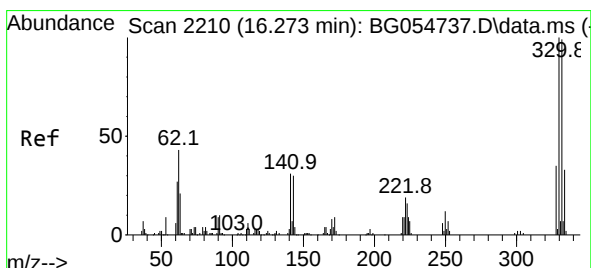
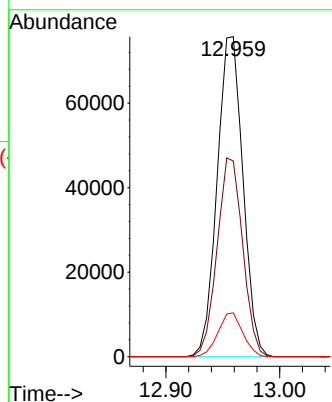
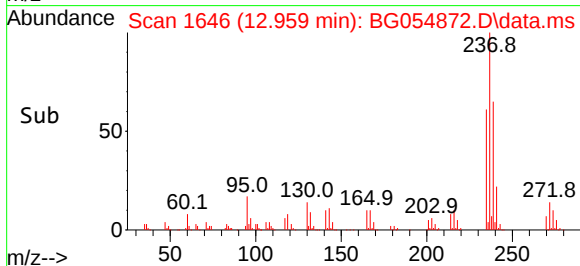


#41
Hexachlorocyclopentadiene
Concen: 69.045 ng
RT: 12.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

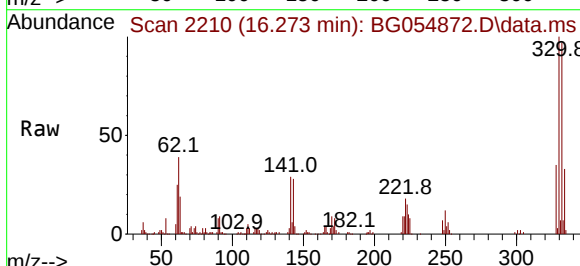
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS



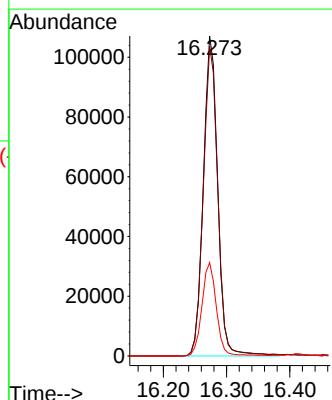
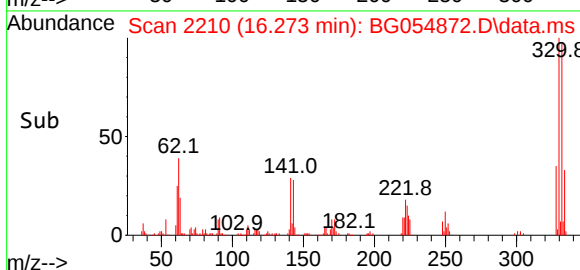
Tgt Ion:237 Resp: 119449
Ion Ratio Lower Upper
237 100
235 61.2 42.2 82.2
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 124.988 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09



Tgt Ion:330 Resp: 169014
Ion Ratio Lower Upper
330 100
332 98.5 79.8 119.6
141 29.3 26.8 40.2

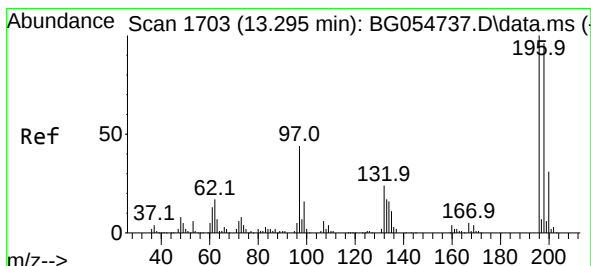
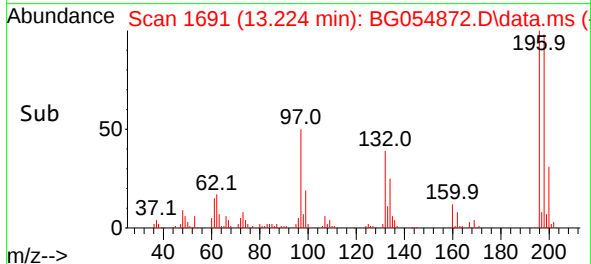
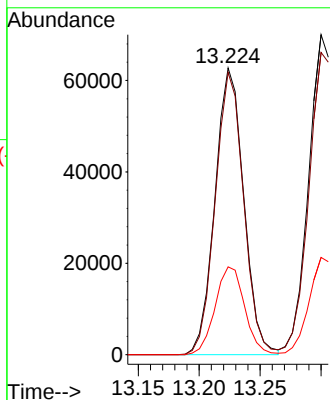
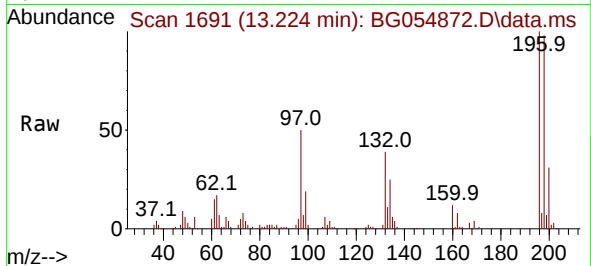




#43
2,4,6-Trichlorophenol
Concen: 47.686 ng
RT: 13.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

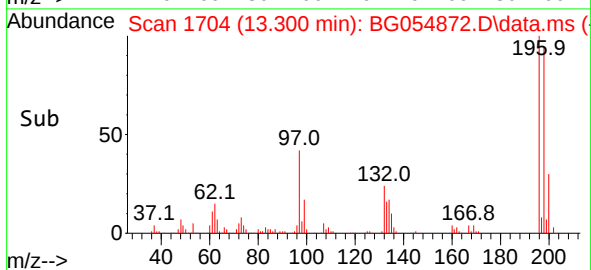
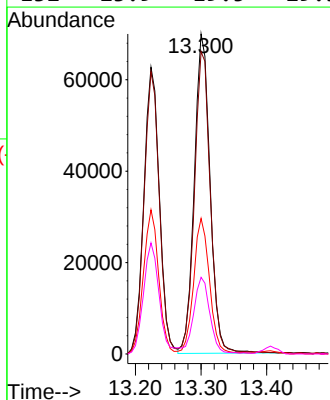
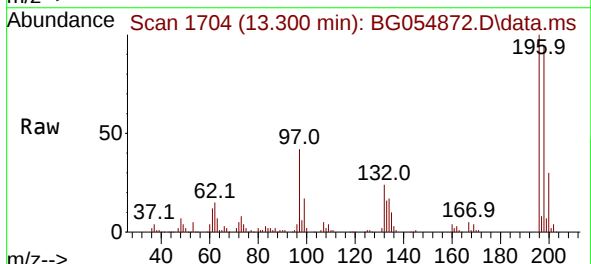
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

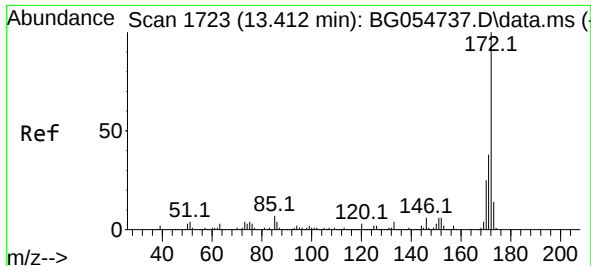
Tgt Ion:196 Resp: 103252
Ion Ratio Lower Upper
196 100
198 98.4 77.1 115.7
200 30.6 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 48.188 ng
RT: 13.300 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:196 Resp: 117176
Ion Ratio Lower Upper
196 100
198 94.5 76.7 115.1
97 42.3 36.6 55.0
132 23.9 19.5 29.3

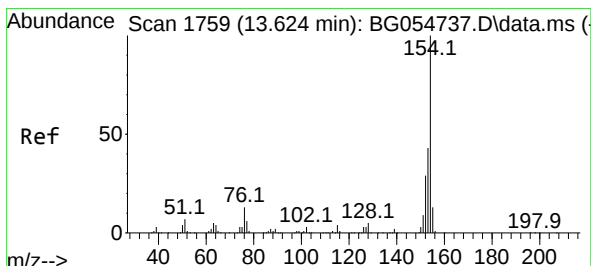
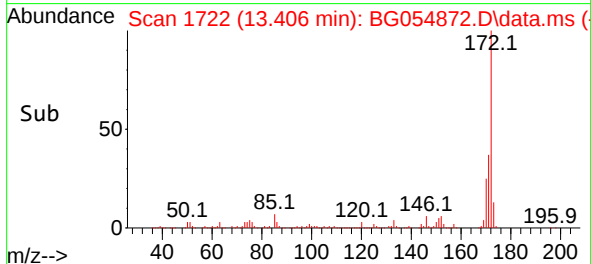
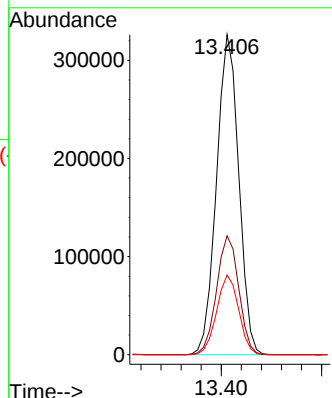
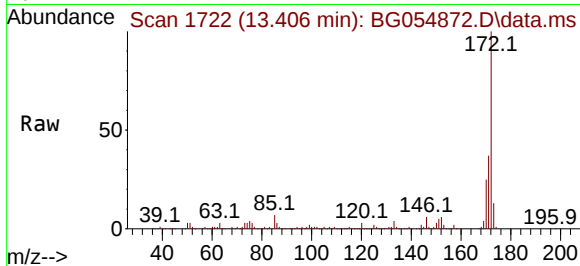




#45
2-Fluorobiphenyl
Concen: 69.626 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

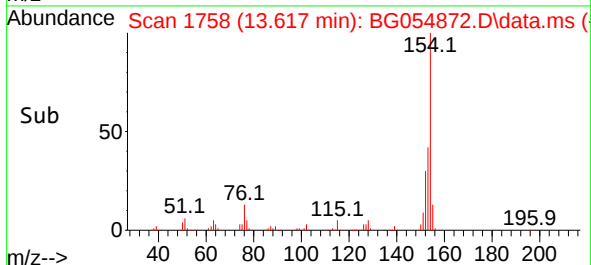
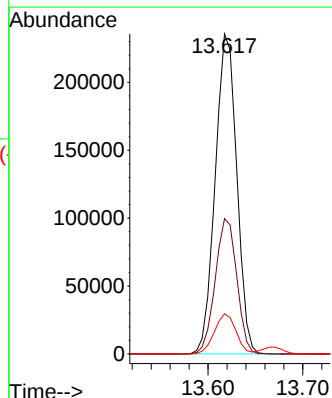
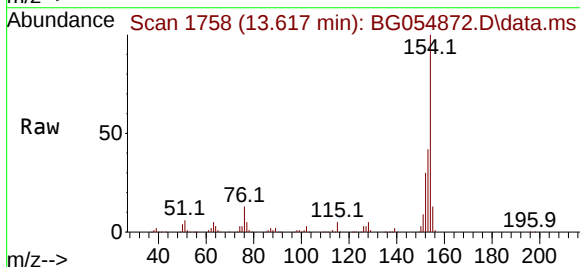
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

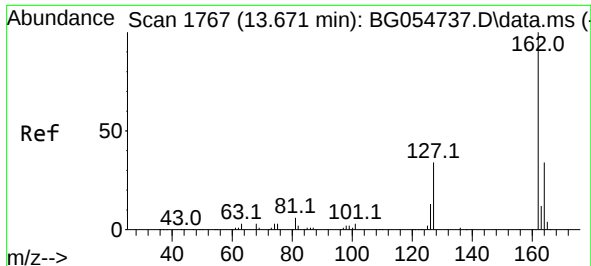
Tgt Ion:172 Resp: 501307
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 24.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.310 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

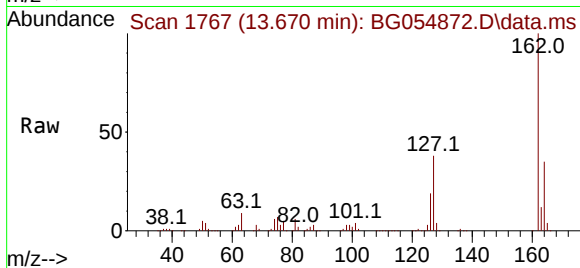
Tgt Ion:154 Resp: 372161
Ion Ratio Lower Upper
154 100
153 42.3 22.2 62.2
76 12.5 0.0 34.0



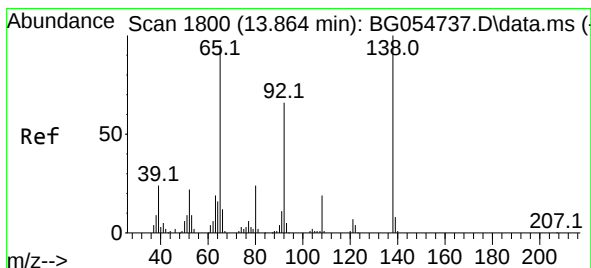
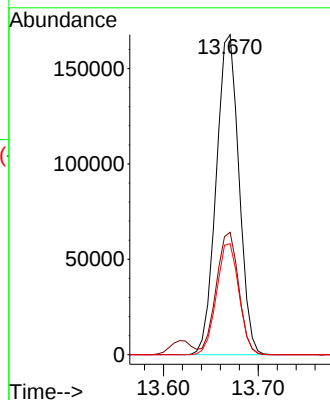
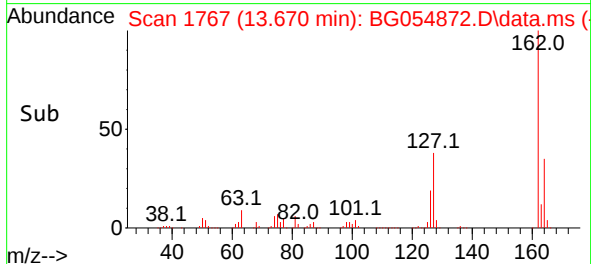


#47
2-Chloronaphthalene
Concen: 45.791 ng
RT: 13.670 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

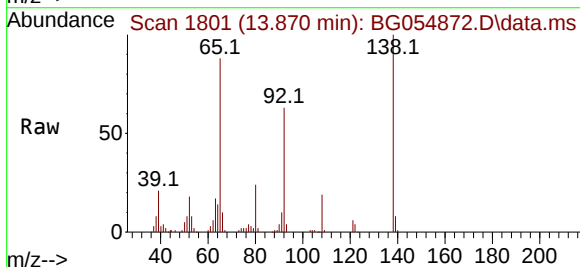
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS



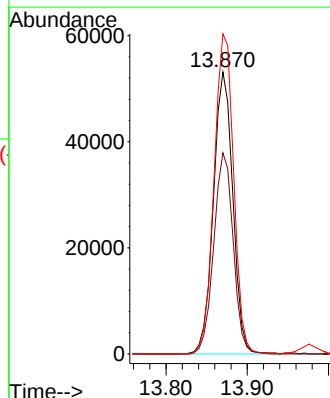
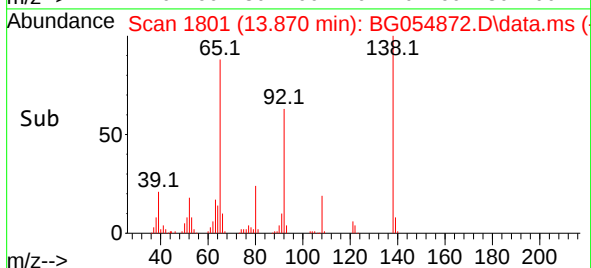
Tgt Ion:162 Resp: 279470
Ion Ratio Lower Upper
162 100
127 38.3 31.5 47.3
164 34.7 27.8 41.6

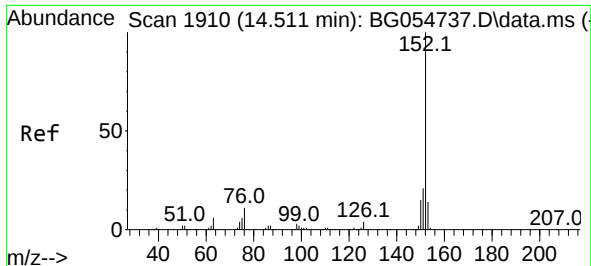


#48
2-Nitroaniline
Concen: 46.167 ng
RT: 13.870 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09



Tgt Ion: 65 Resp: 88305
Ion Ratio Lower Upper
65 100
92 71.4 54.7 82.1
138 113.5 84.1 126.1

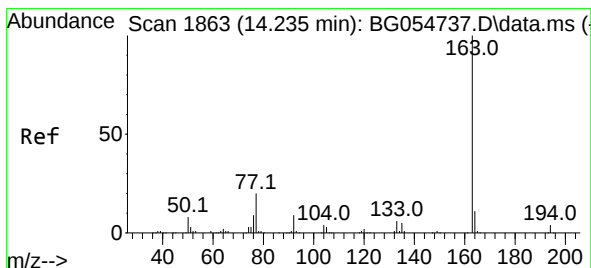
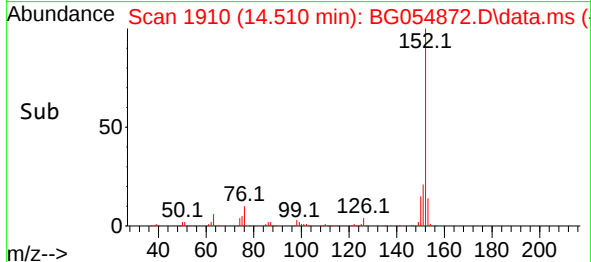
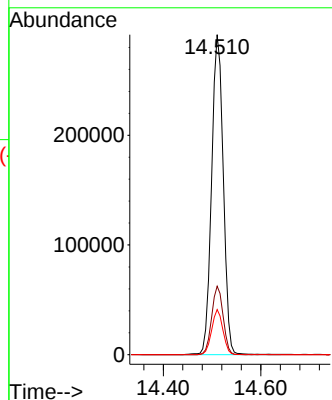
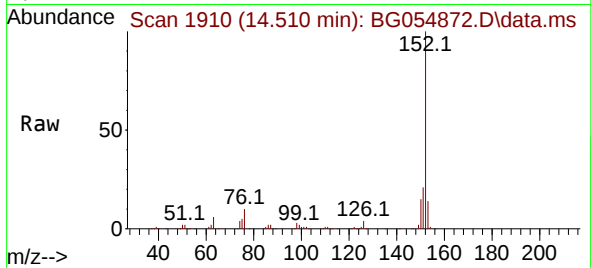




#49
Acenaphthylene
Concen: 47.991 ng
RT: 14.510 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

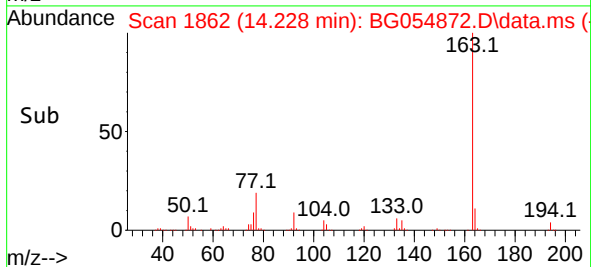
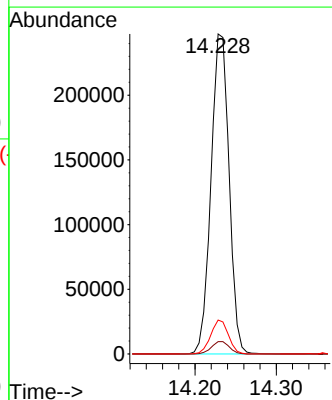
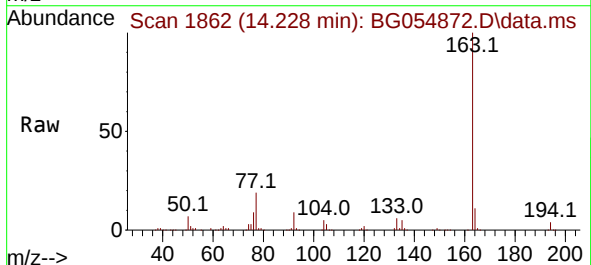
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

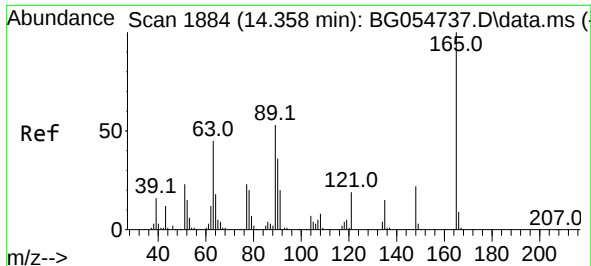
Tgt Ion:152 Resp: 483331
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 14.1 10.8 16.2



#50
Dimethylphthalate
Concen: 45.750 ng
RT: 14.228 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:163 Resp: 381424
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 8.0 12.0

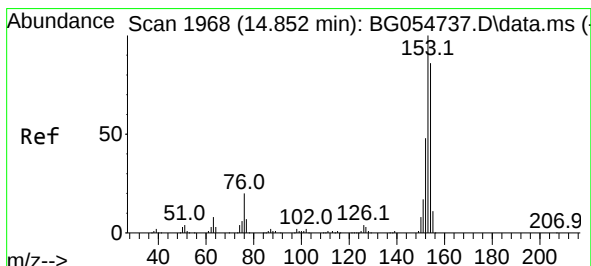
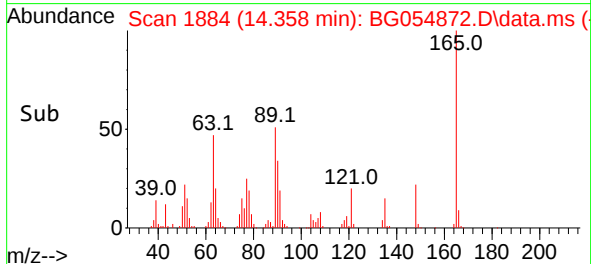
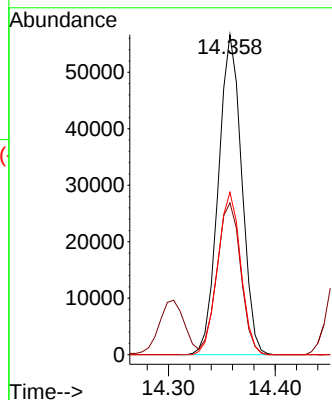
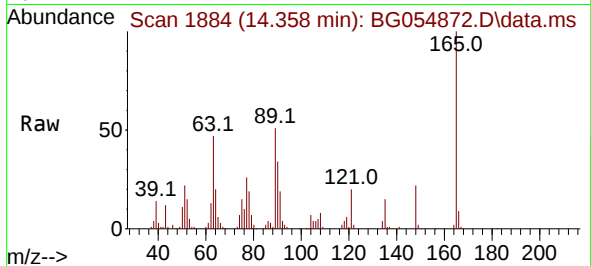




#51
2,6-Dinitrotoluene
Concen: 50.376 ng
RT: 14.358 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

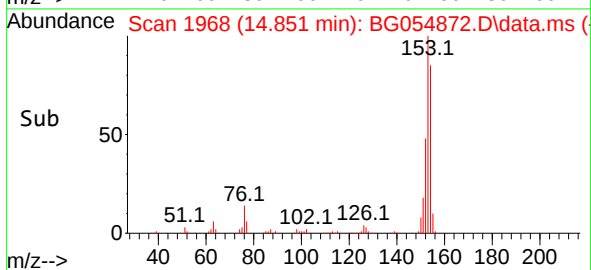
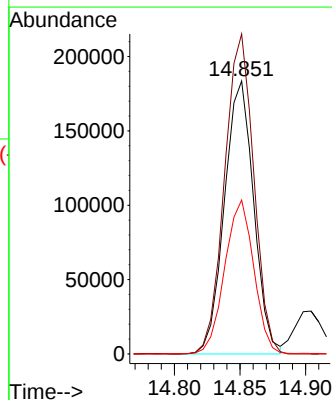
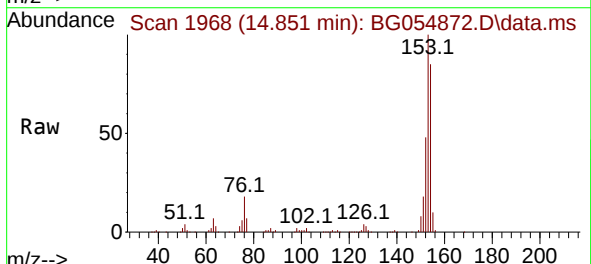
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

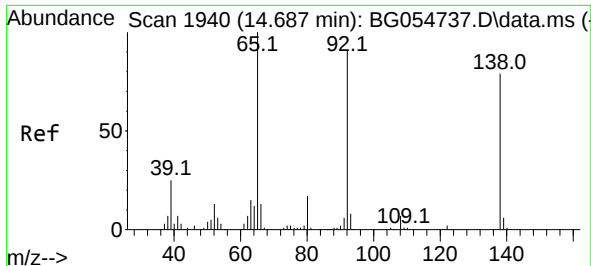
Tgt Ion:165 Resp: 85904
Ion Ratio Lower Upper
165 100
63 47.5 46.0 69.0
89 50.8 50.3 75.5



#52
Acenaphthene
Concen: 44.029 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:154 Resp: 284837
Ion Ratio Lower Upper
154 100
153 117.2 92.8 139.2
152 56.4 45.4 68.2

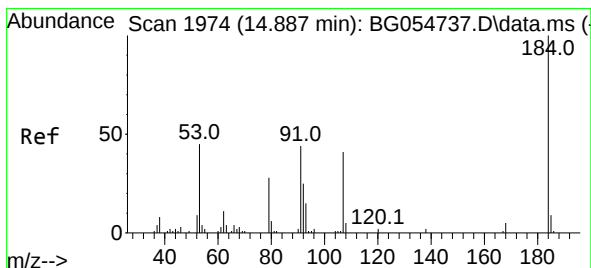
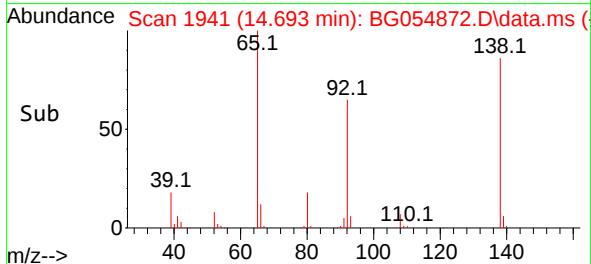
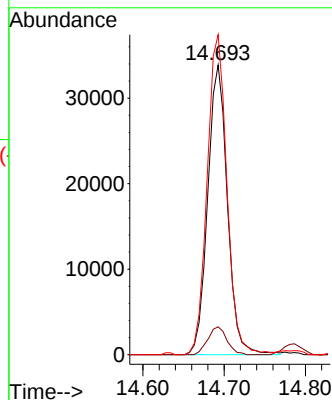
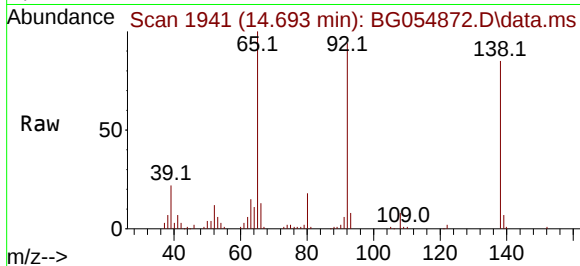




#53
3-Nitroaniline
Concen: 29.903 ng
RT: 14.693 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

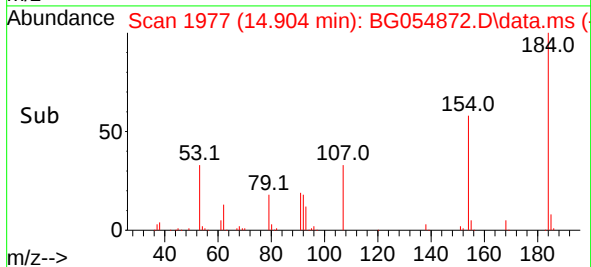
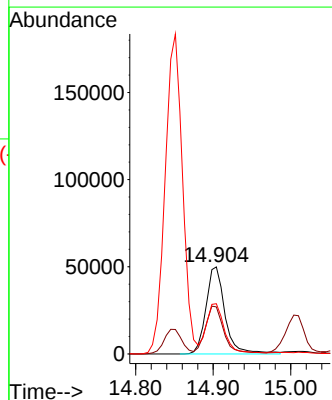
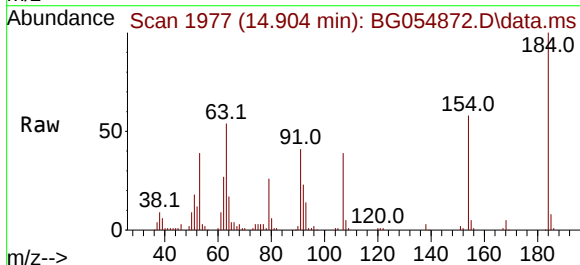
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

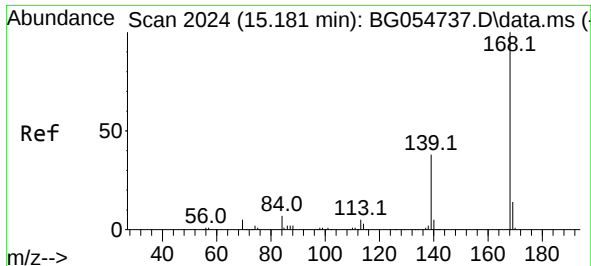
Tgt Ion:138 Resp: 57083
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 110.4 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 87.997 ng
RT: 14.904 min Scan# 1977
Delta R.T. 0.017 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:184 Resp: 85390
Ion Ratio Lower Upper
184 100
63 54.1 41.8 62.8
154 57.6 45.2 67.8

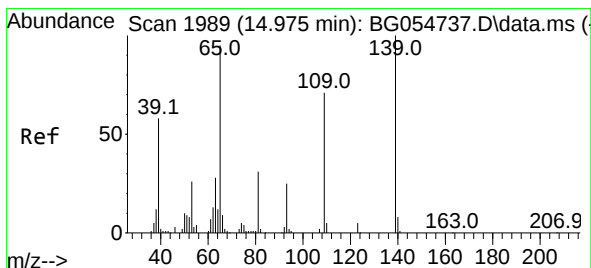
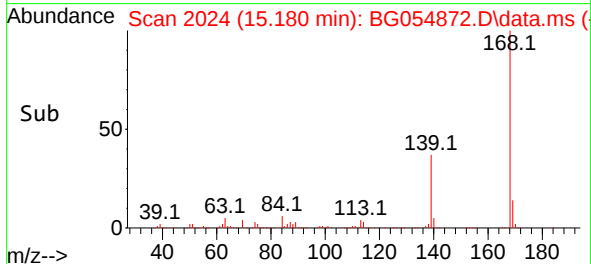
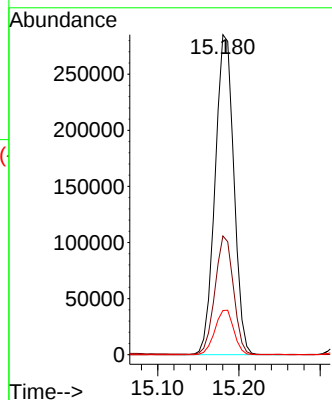
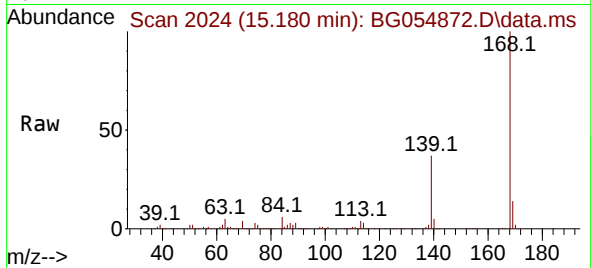




#55
Dibenzofuran
Concen: 48.138 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

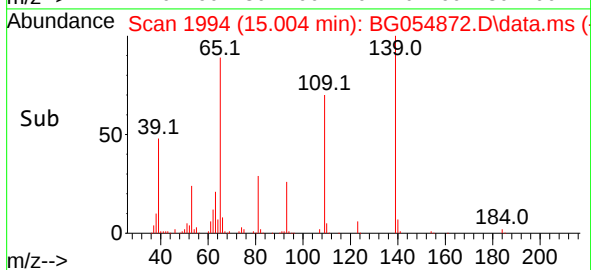
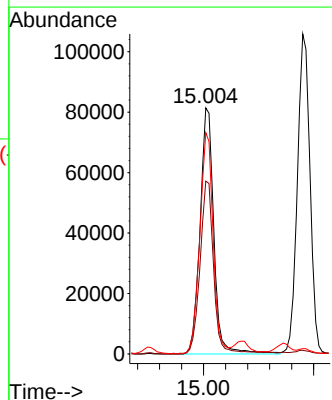
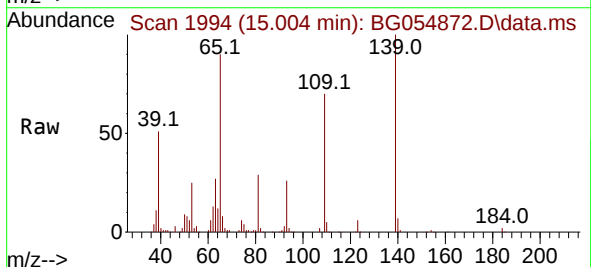
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

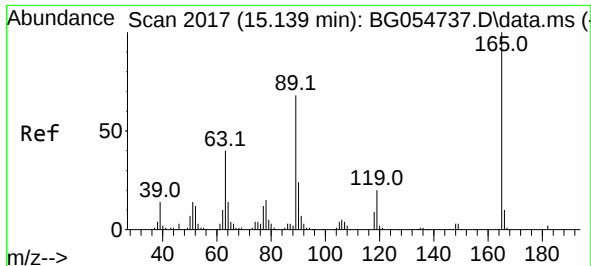
Tgt Ion:168 Resp: 457609
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 96.300 ng
RT: 15.004 min Scan# 1994
Delta R.T. 0.029 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:139 Resp: 142262
Ion Ratio Lower Upper
139 100
109 70.2 50.5 90.5
65 89.9 79.9 119.9

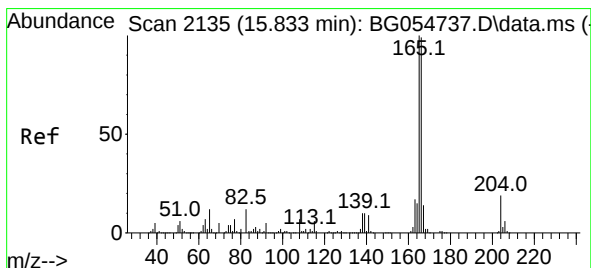
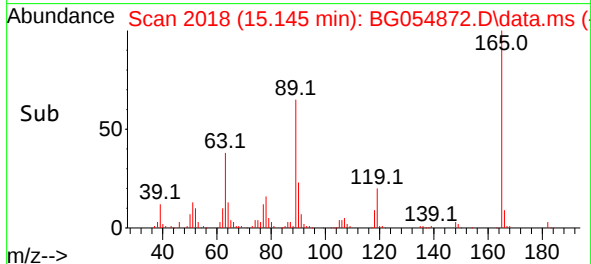
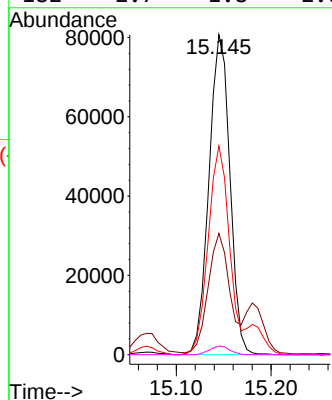
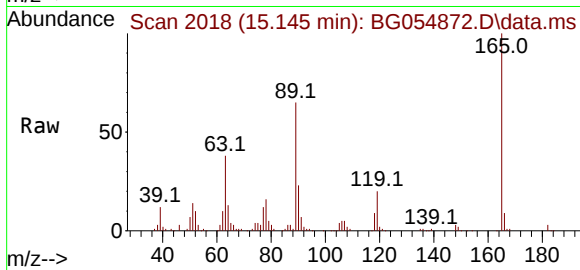




#57
2,4-Dinitrotoluene
Concen: 52.413 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

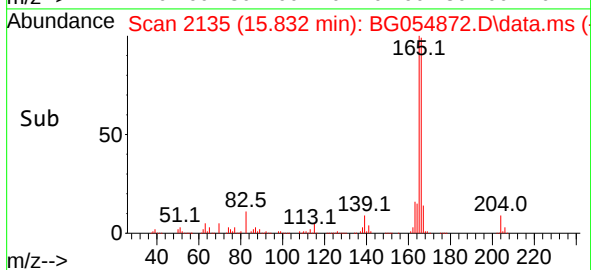
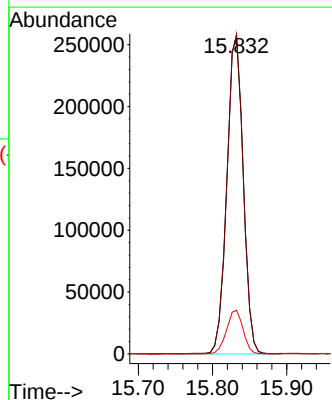
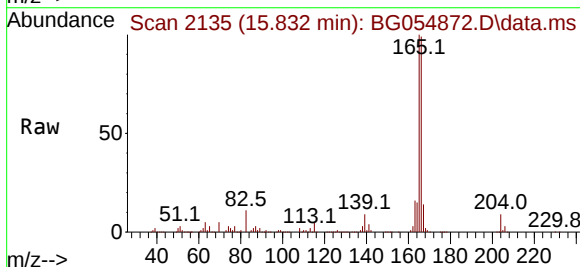
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

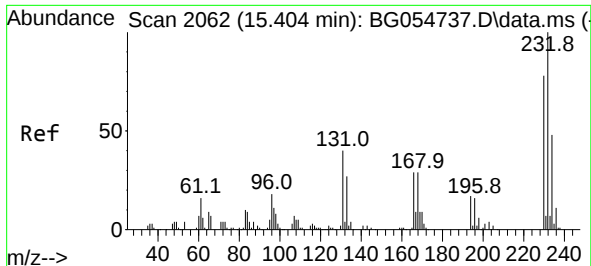
Tgt Ion:165 Resp: 123626
Ion Ratio Lower Upper
165 100
63 37.9 36.8 55.2
89 65.3 64.3 96.5
182 2.7 1.8 2.6#



#58
Fluorene
Concen: 49.115 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:166 Resp: 393328
Ion Ratio Lower Upper
166 100
165 100.7 80.8 121.2
167 13.8 11.4 17.0

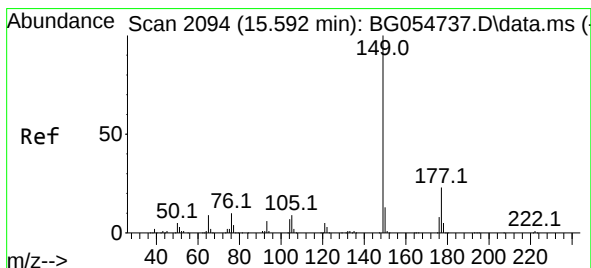
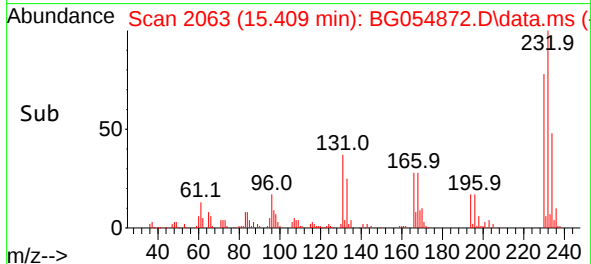
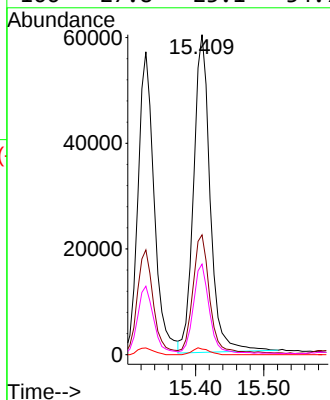
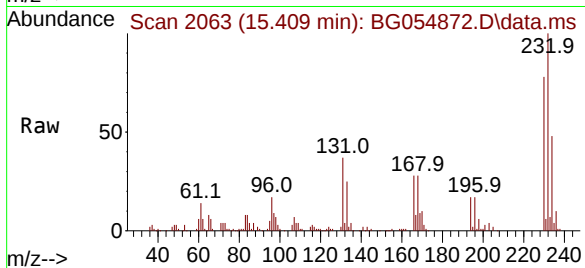




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.194 ng
RT: 15.409 min Scan# 2062
Delta R.T. 0.005 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

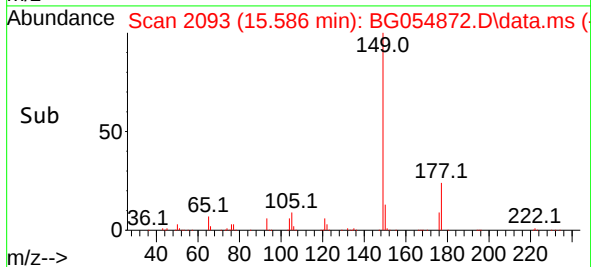
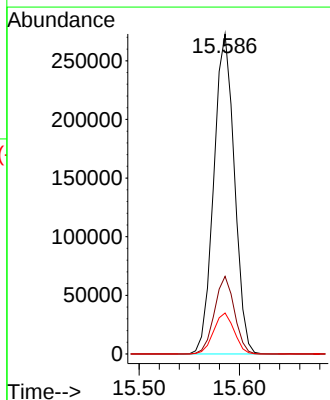
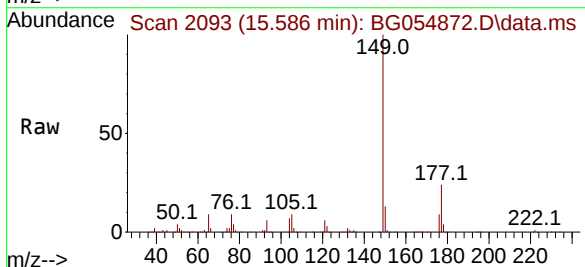
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

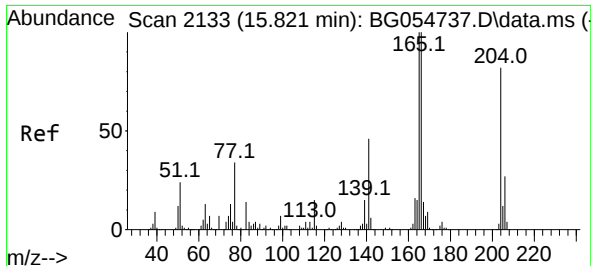
Tgt Ion:232 Resp: 101258
Ion Ratio Lower Upper
232 100
131 39.0 31.3 46.9
130 2.1 1.8 2.6
166 27.8 23.1 34.7



#60
Diethylphthalate
Concen: 46.730 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:149 Resp: 389035
Ion Ratio Lower Upper
149 100
177 24.3 17.8 26.6
150 12.8 10.1 15.1

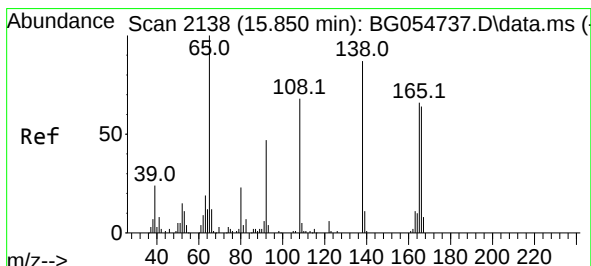
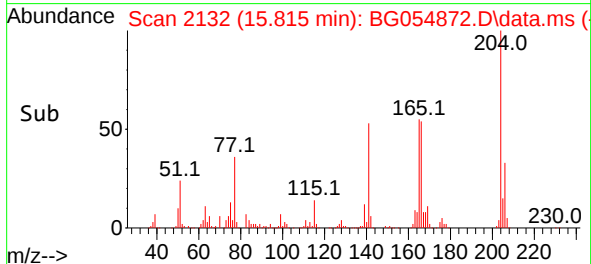
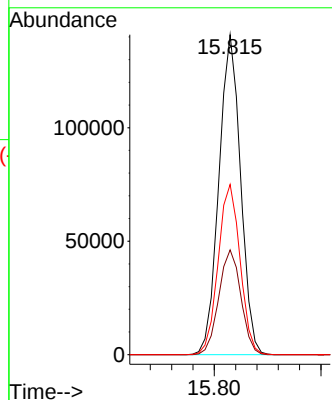
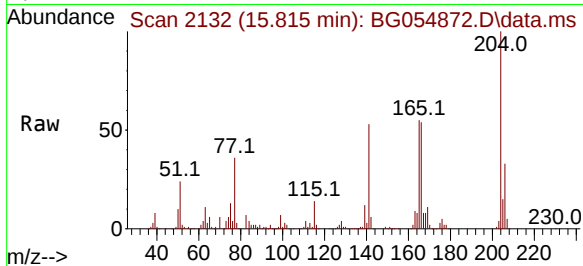




#61
4-Chlorophenyl-phenylether
Concen: 50.242 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

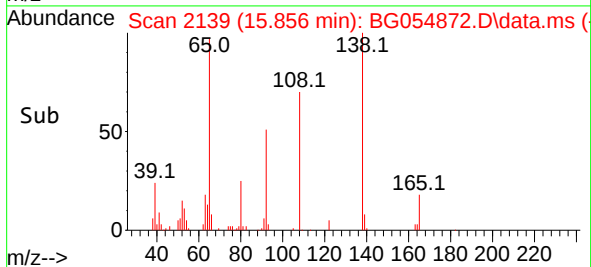
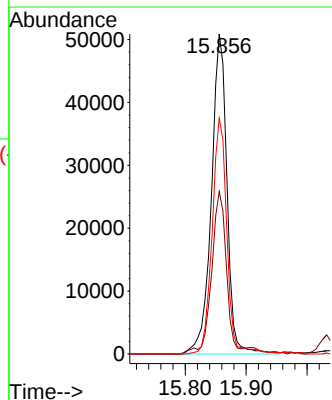
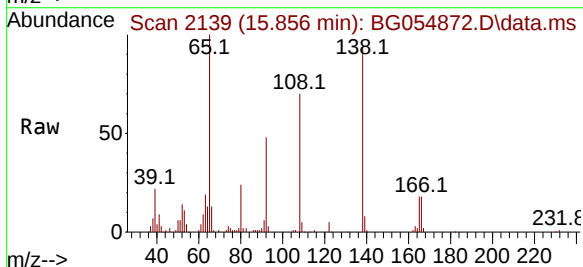
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

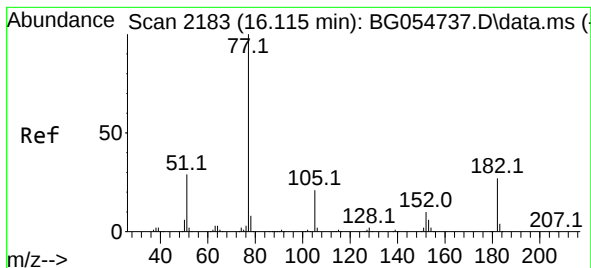
Tgt Ion:204 Resp: 198489
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 53.2 44.9 67.3



#62
4-Nitroaniline
Concen: 46.624 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:138 Resp: 90871
Ion Ratio Lower Upper
138 100
92 50.8 34.7 74.7
108 73.7 56.2 96.2





#63

Azobenzene

Concen: 43.889 ng

RT: 16.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

Tgt Ion: 77 Resp: 347242

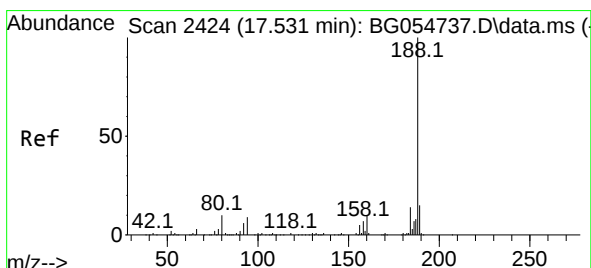
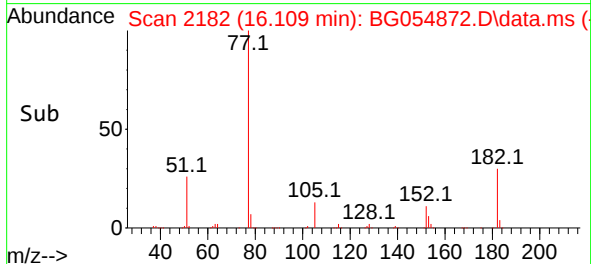
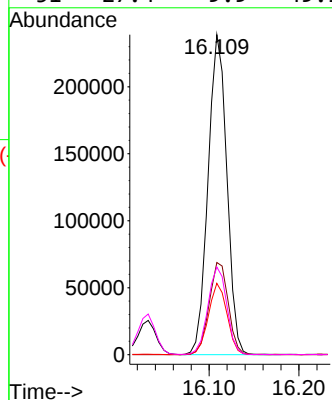
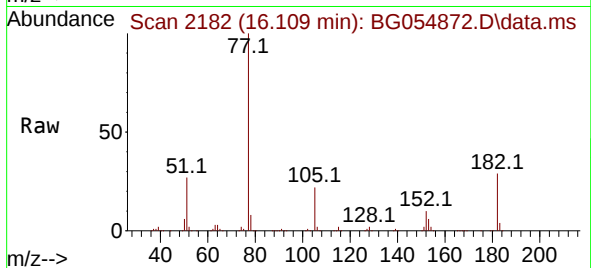
Ion Ratio Lower Upper

77 100

182 28.8 5.1 45.1

105 22.3 0.7 40.7

51 27.4 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.530 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

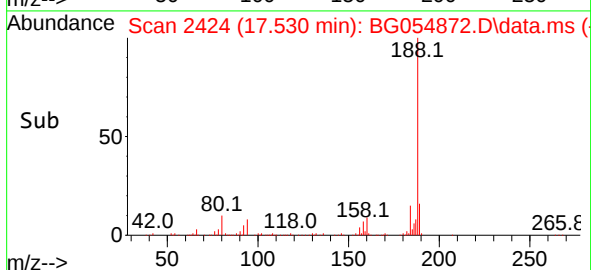
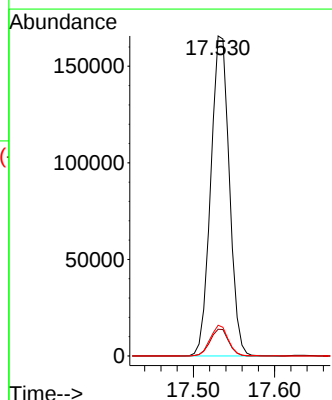
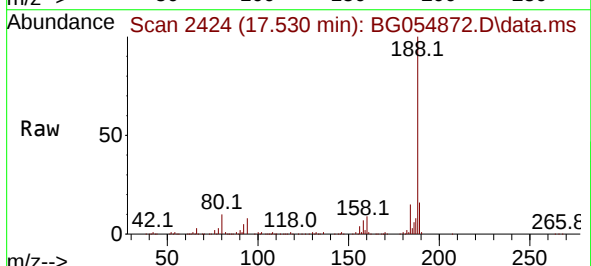
Tgt Ion:188 Resp: 263146

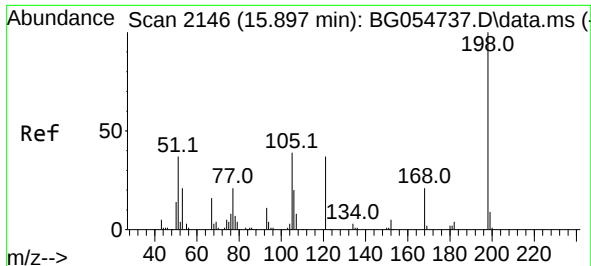
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.6 7.9 11.9

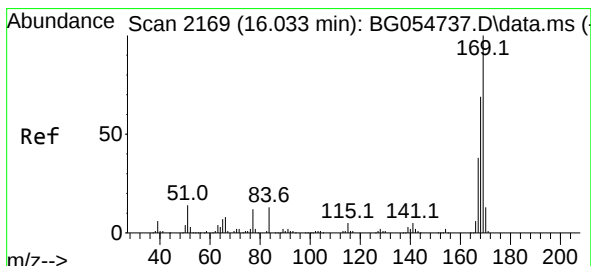
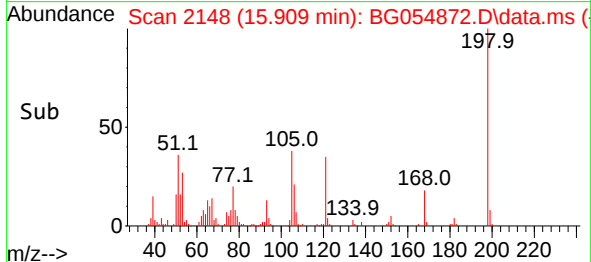
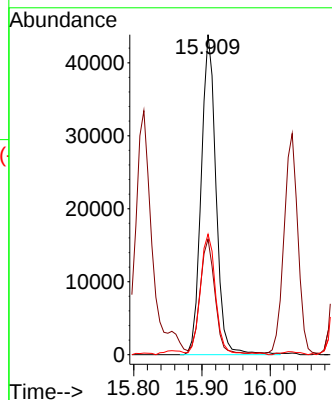
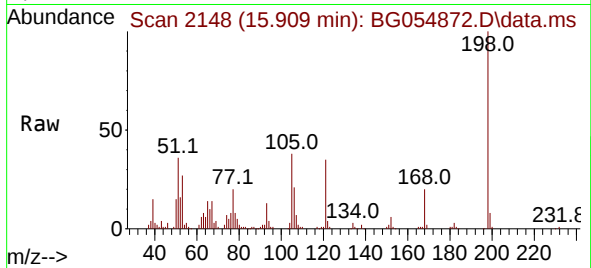




#65
4,6-Dinitro-2-methylphenol
Concen: 49.542 ng
RT: 15.909 min Scan# 2146
Delta R.T. 0.011 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

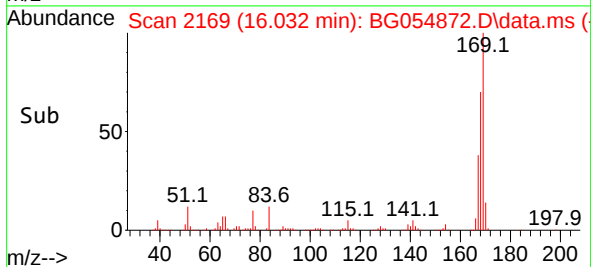
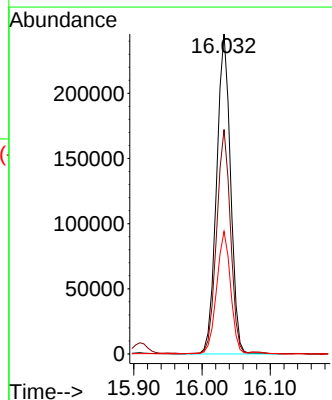
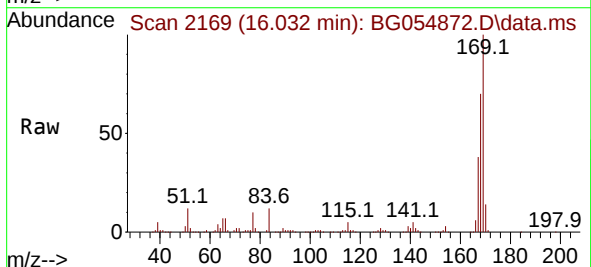
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

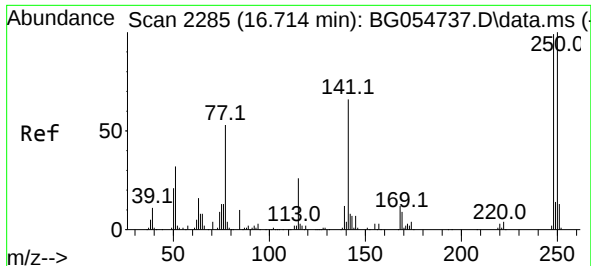
Tgt Ion:198 Resp: 66360
Ion Ratio Lower Upper
198 100
51 36.1 19.9 59.9
105 37.6 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 46.117 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:169 Resp: 349967
Ion Ratio Lower Upper
169 100
168 70.2 55.6 83.4
167 38.3 30.9 46.3

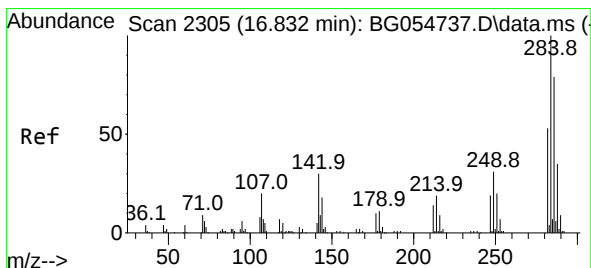
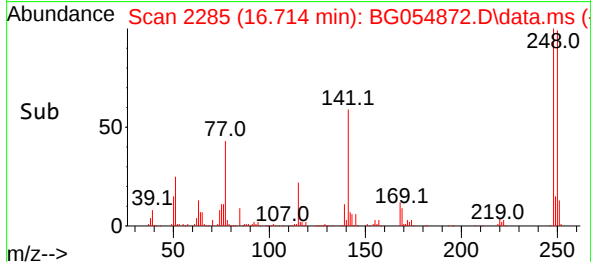
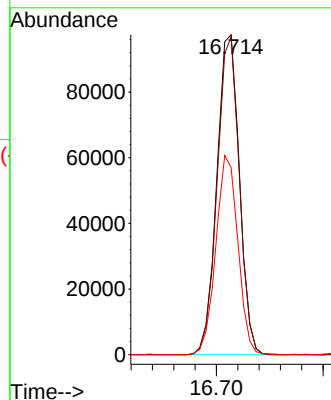
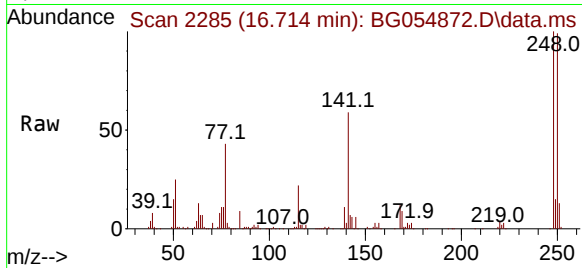




#67
4-Bromophenyl-phenylether
Concen: 49.398 ng
RT: 16.714 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

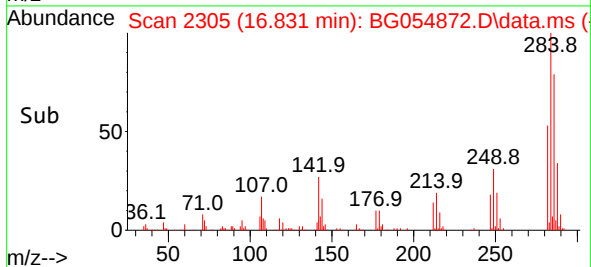
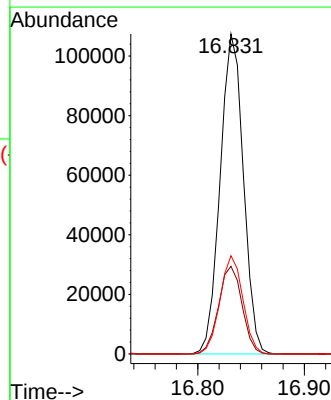
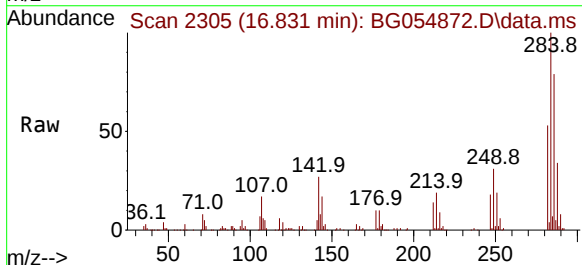
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

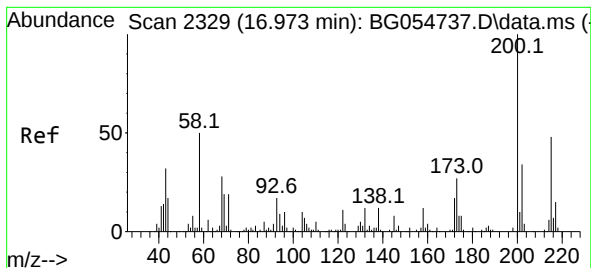
Tgt Ion:248 Resp: 142717
Ion Ratio Lower Upper
248 100
250 99.3 78.8 118.2
141 58.5 51.9 77.9



#68
Hexachlorobenzene
Concen: 49.960 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:284 Resp: 162263
Ion Ratio Lower Upper
284 100
142 27.4 25.0 37.6
249 30.7 24.5 36.7





#69

Atrazine

Concen: 51.637 ng

RT: 16.978 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

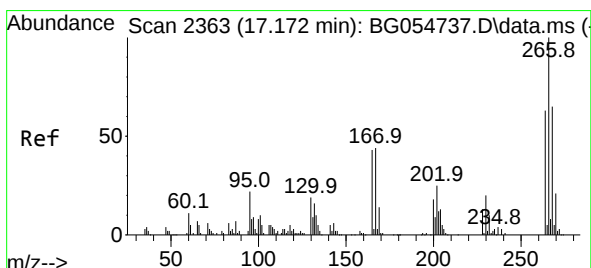
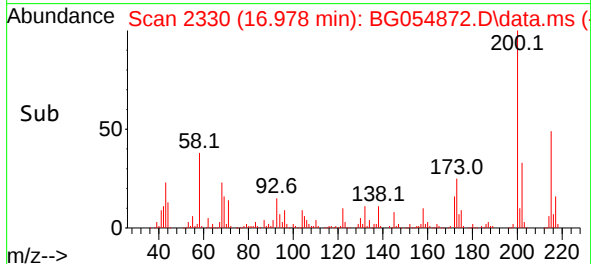
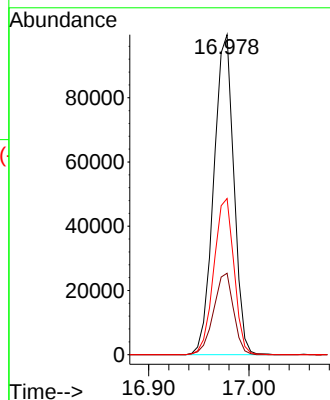
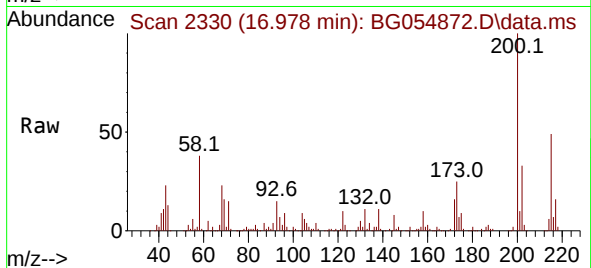
Tgt Ion:200 Resp: 138244

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 48.8 28.2 68.2



#70

Pentachlorophenol

Concen: 77.555 ng

RT: 17.184 min Scan# 2365

Delta R.T. 0.011 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

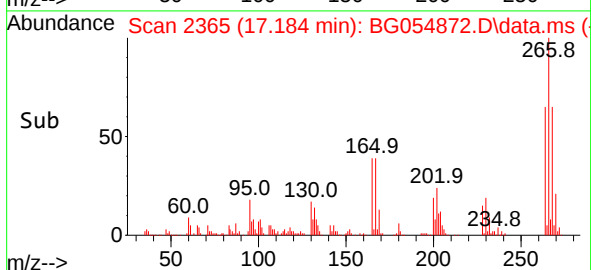
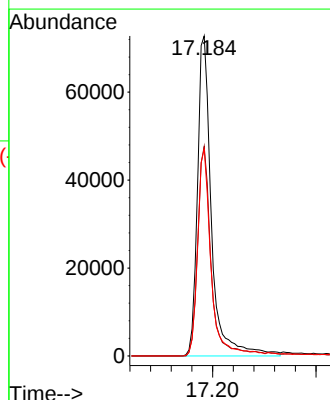
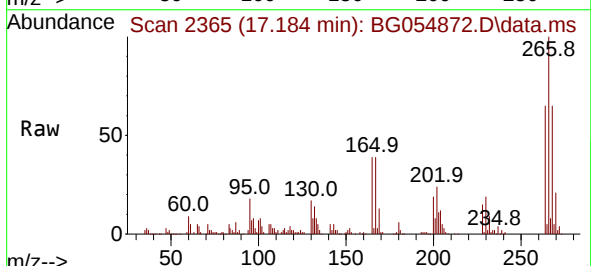
Tgt Ion:266 Resp: 136859

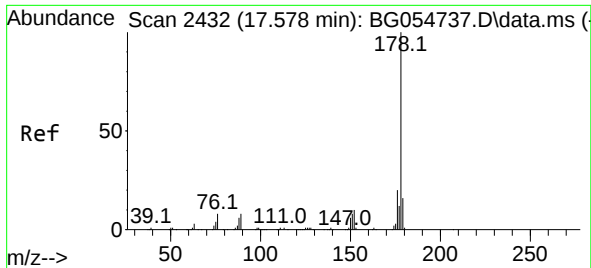
Ion Ratio Lower Upper

266 100

268 65.5 51.2 76.8

264 64.7 49.4 74.0

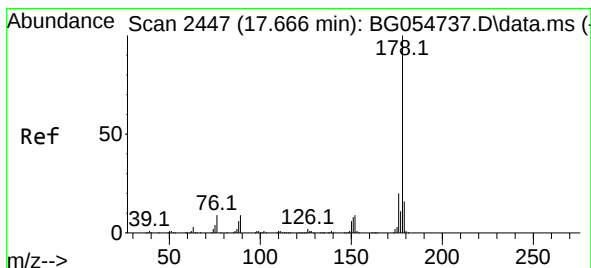
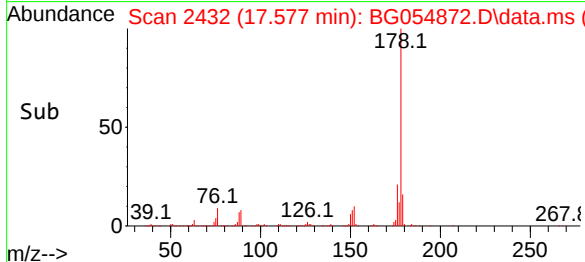
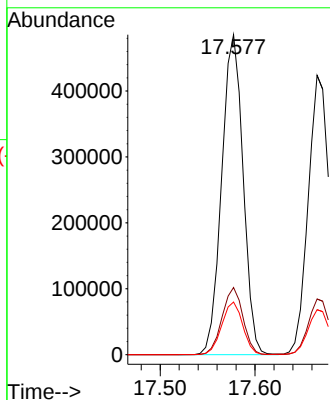
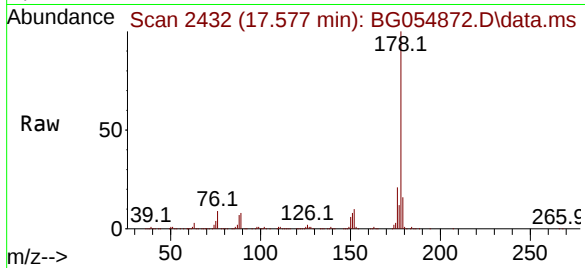




#71
Phenanthrene
Concen: 54.399 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

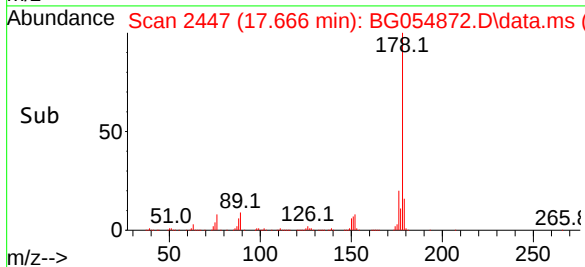
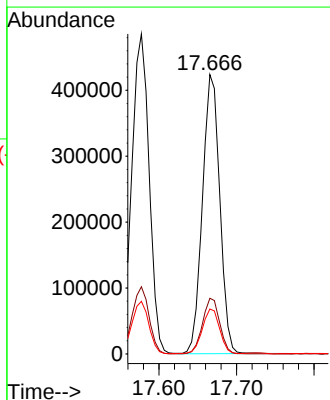
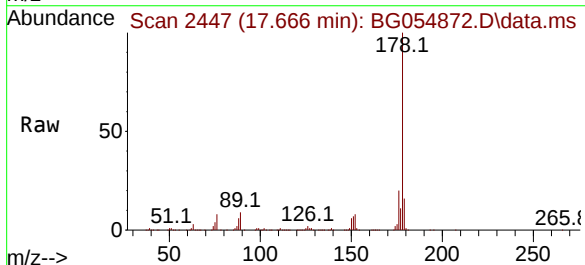
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

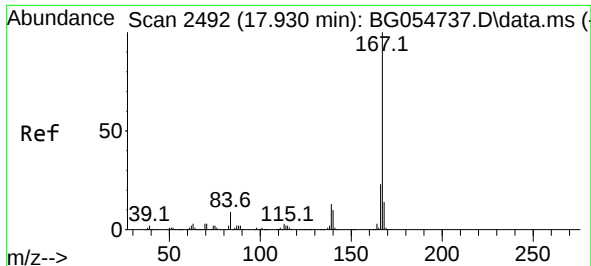
Tgt Ion:178 Resp: 762561
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.4 12.8 19.2



#72
Anthracene
Concen: 48.428 ng
RT: 17.666 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:178 Resp: 660018
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.1 12.9 19.3

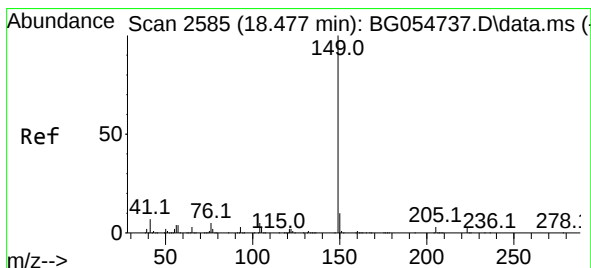
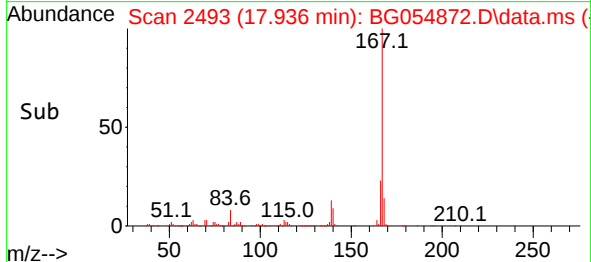
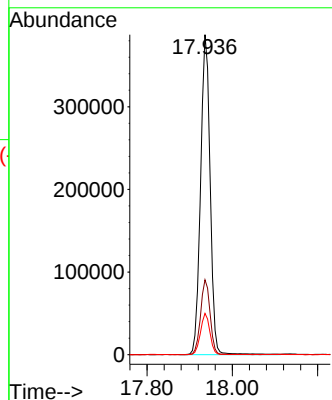
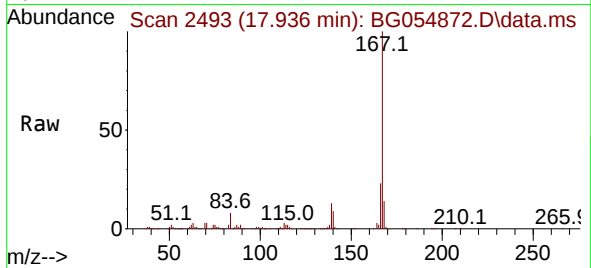




#73
Carbazole
Concen: 47.958 ng
RT: 17.936 min Scan# 2492
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

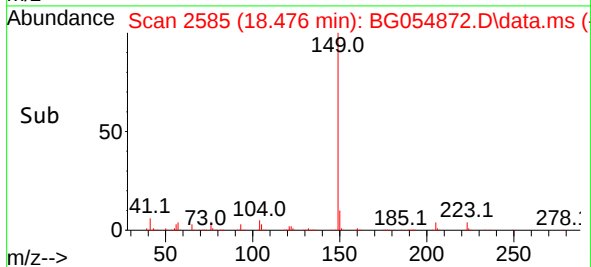
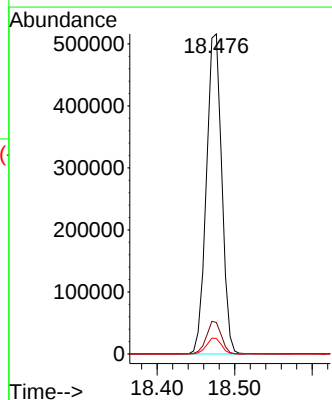
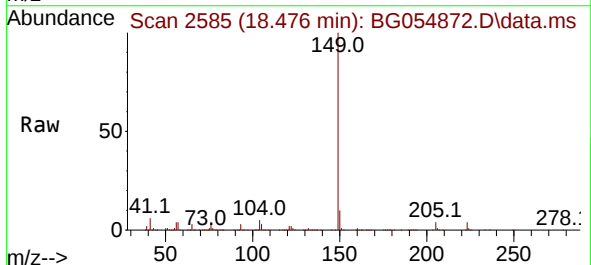
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

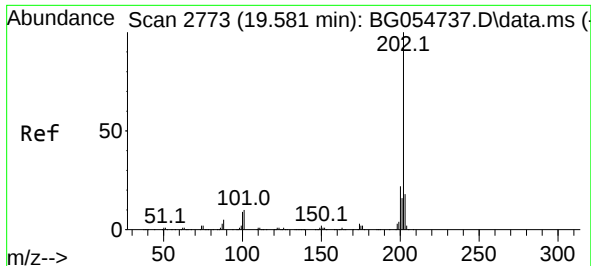
Tgt Ion:167 Resp: 602195
Ion Ratio Lower Upper
167 100
166 23.4 18.8 28.2
139 12.9 10.2 15.4



#74
Di-n-butylphthalate
Concen: 44.573 ng
RT: 18.476 min Scan# 2585
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:149 Resp: 708233
Ion Ratio Lower Upper
149 100
150 9.8 8.0 12.0
104 4.8 4.4 6.6

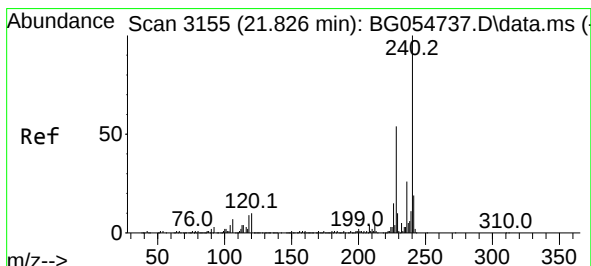
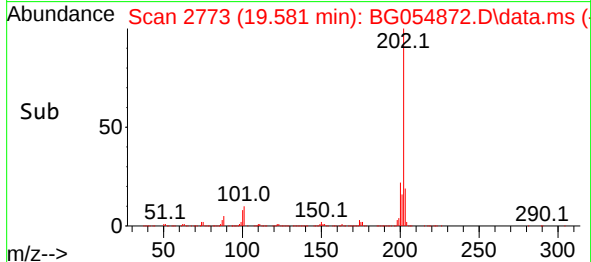
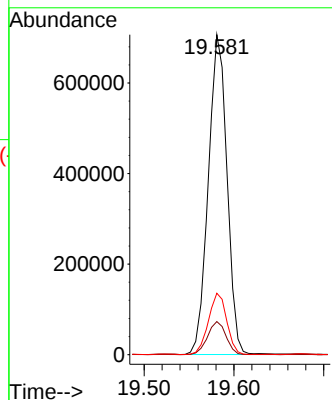
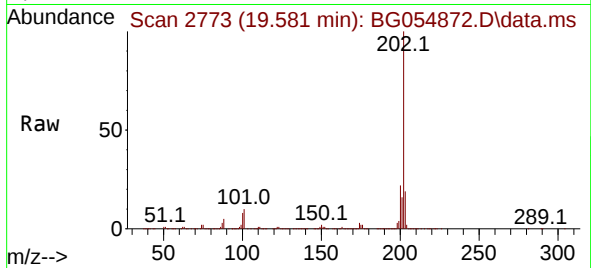




#75
Fluoranthene
Concen: 59.873 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

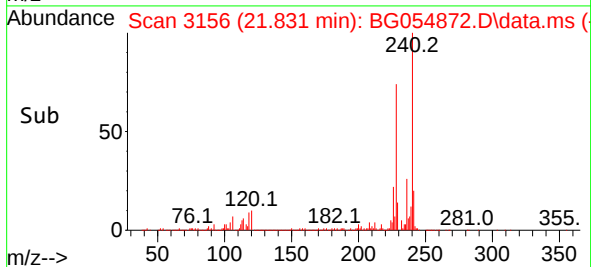
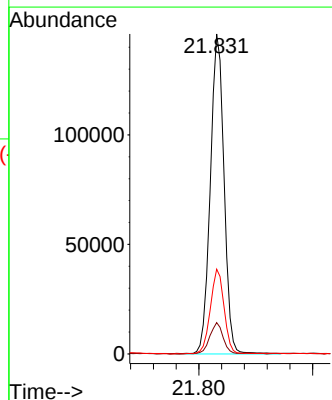
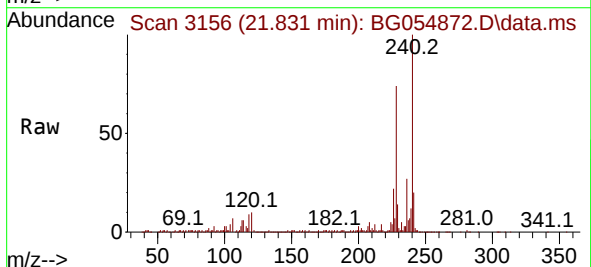
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

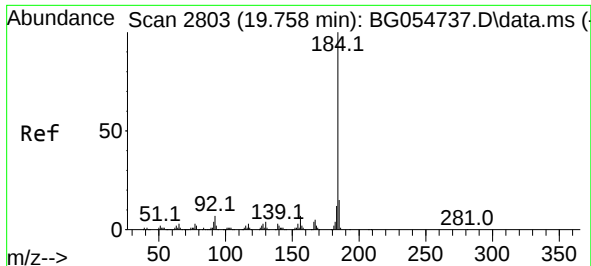
Tgt Ion:202 Resp: 1021004
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 19.2 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:240 Resp: 243958
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.4
236 26.5 21.2 31.8

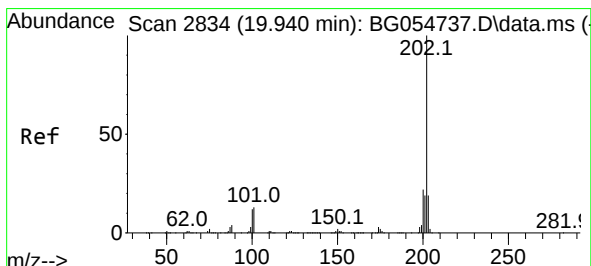
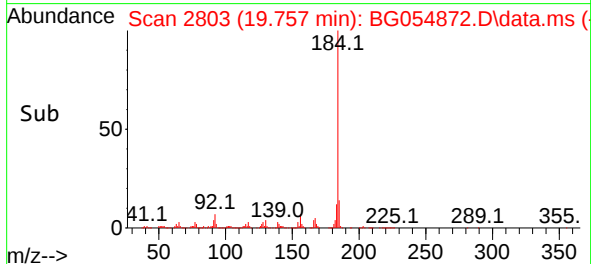
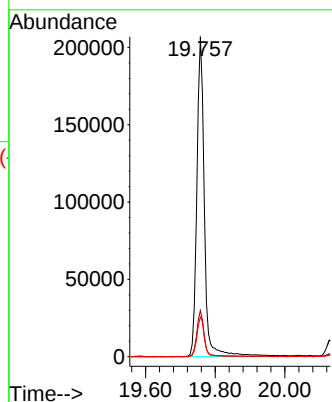
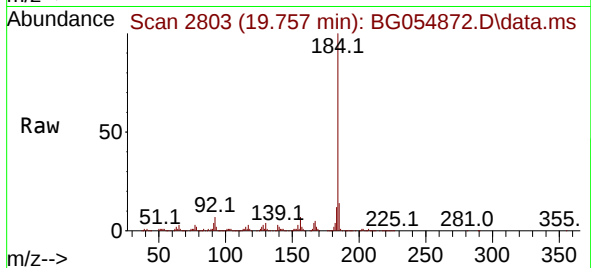




#77
Benzidine
Concen: 51.817 ng
RT: 19.757 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

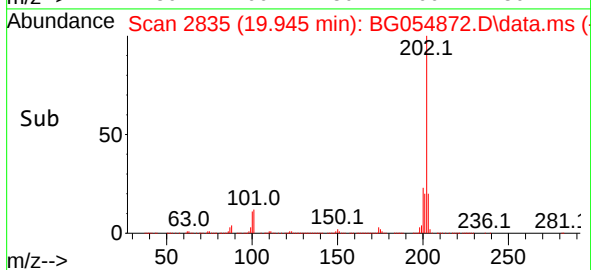
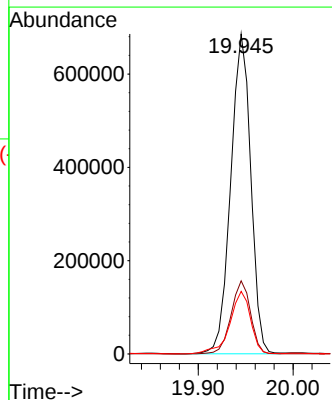
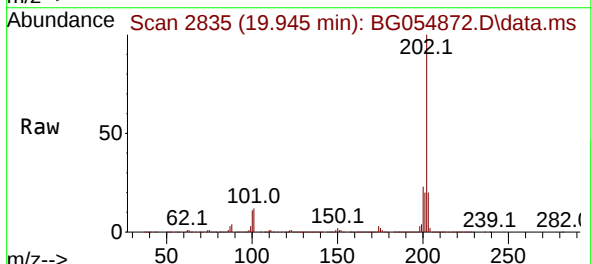
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

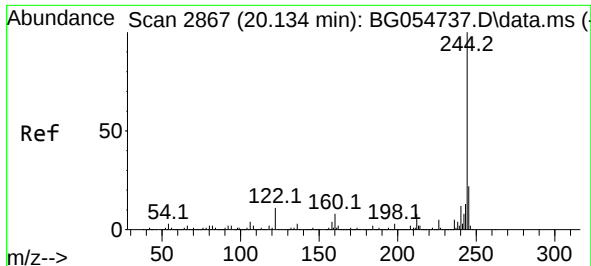
Tgt Ion:184 Resp: 313104
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.4 9.8 14.8



#78
Pyrene
Concen: 58.978 ng
RT: 19.945 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:202 Resp: 1003283
Ion Ratio Lower Upper
202 100
200 22.9 17.8 26.6
203 19.6 14.6 21.8

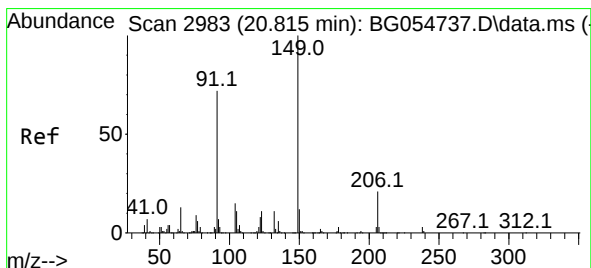
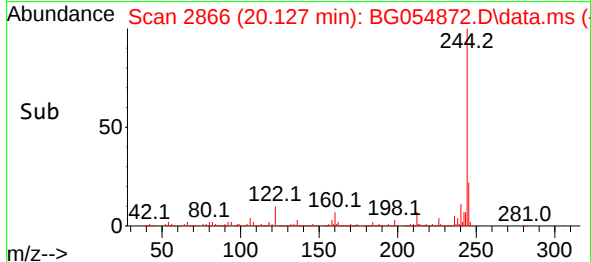
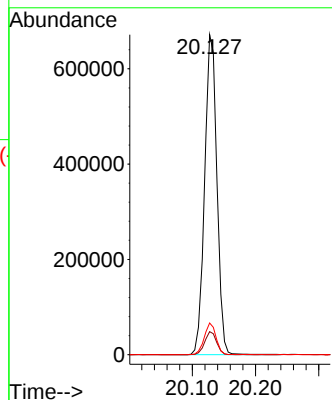
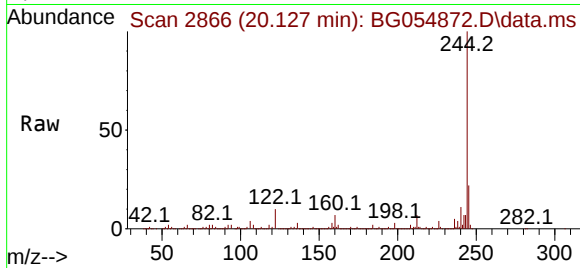




#79
 Terphenyl-d14
 Concen: 73.666 ng
 RT: 20.127 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054872.D
 Acq: 7 Sep 2022 17:09

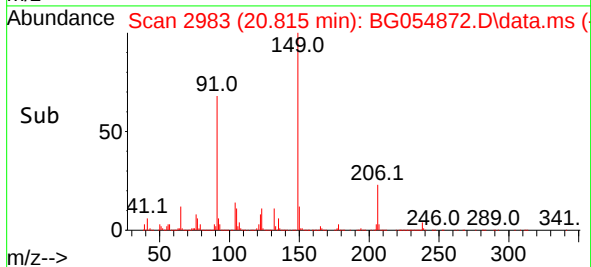
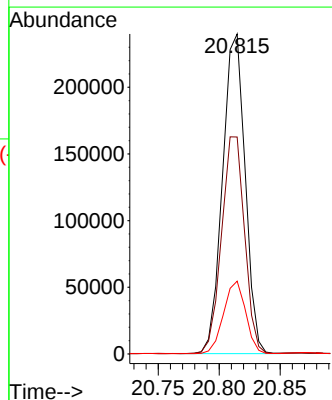
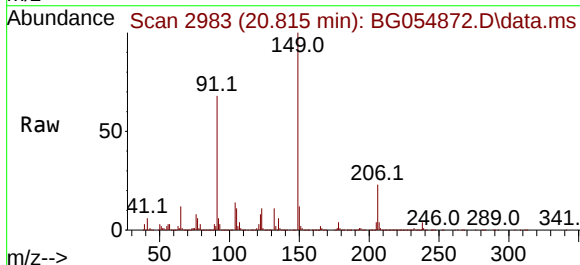
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-214MS

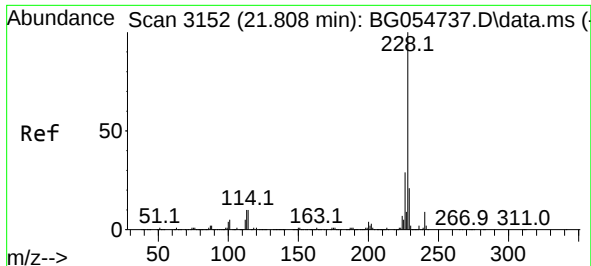
Tgt Ion:244 Resp: 907006
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.9 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 43.621 ng
 RT: 20.815 min Scan# 2983
 Delta R.T. -0.000 min
 Lab File: BG054872.D
 Acq: 7 Sep 2022 17:09

Tgt Ion:149 Resp: 309518
 Ion Ratio Lower Upper
 149 100
 91 67.8 59.5 89.3
 206 22.7 16.6 25.0

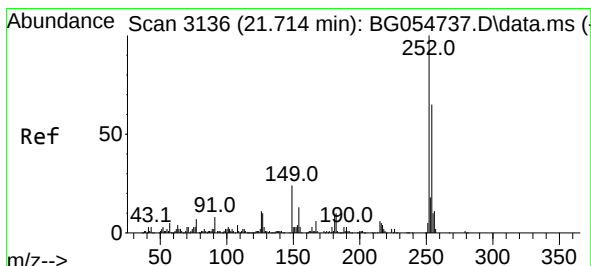
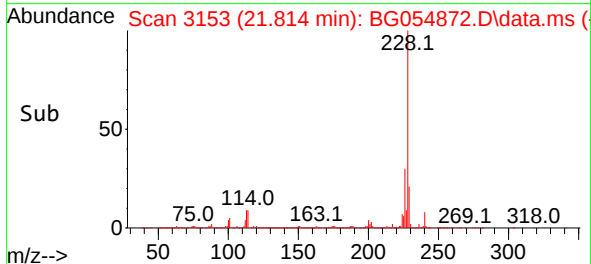
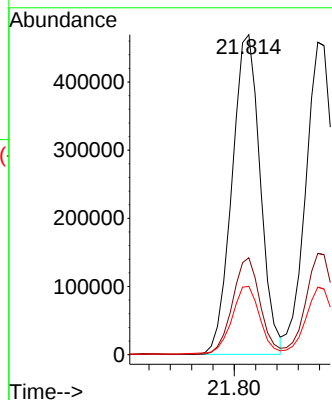
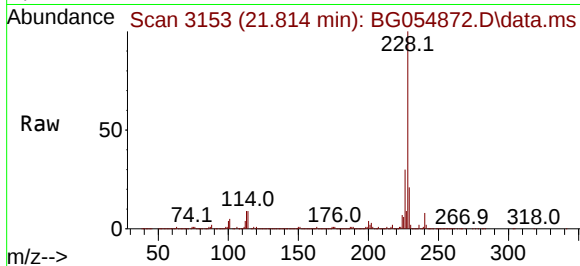




#81
Benzo(a)anthracene
Concen: 52.149 ng
RT: 21.814 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

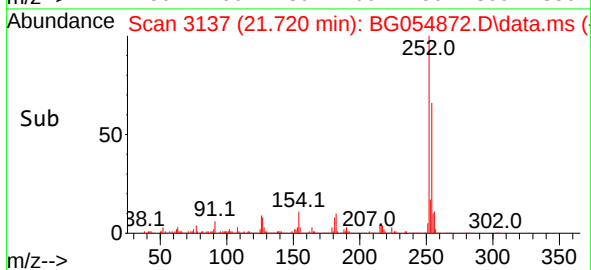
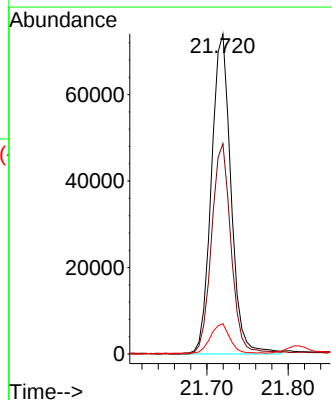
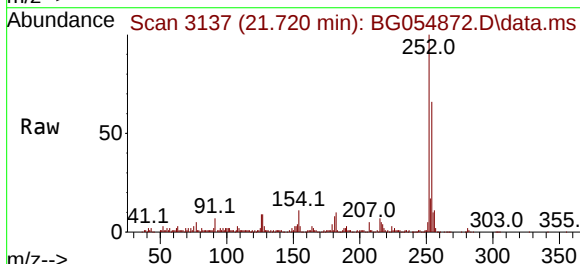
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

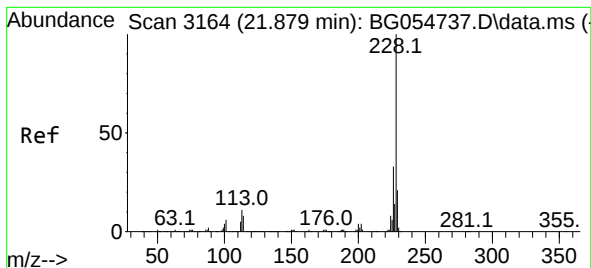
Tgt Ion:228 Resp: 862606
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 21.4 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 21.378 ng
RT: 21.720 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:252 Resp: 123982
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 9.5 8.2 12.2





#83

Chrysene

Concen: 52.429 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

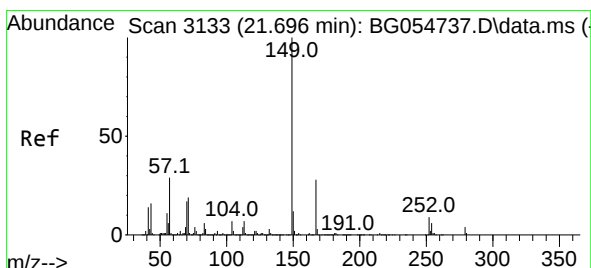
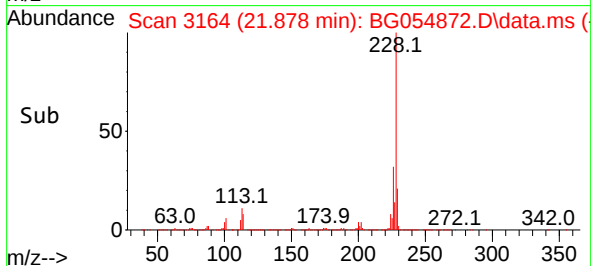
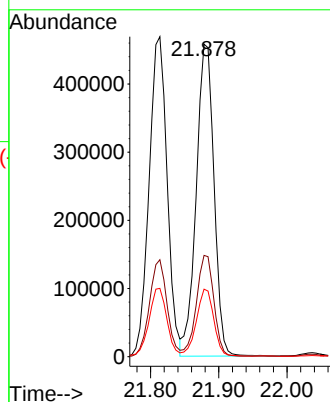
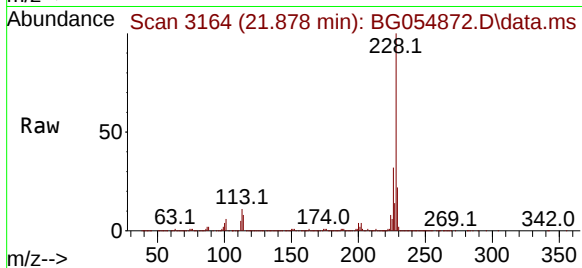
Tgt Ion:228 Resp: 829201

Ion Ratio Lower Upper

228 100

226 32.4 25.5 38.3

229 21.6 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.942 ng

RT: 21.684 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

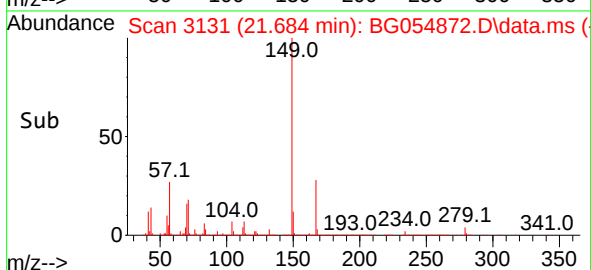
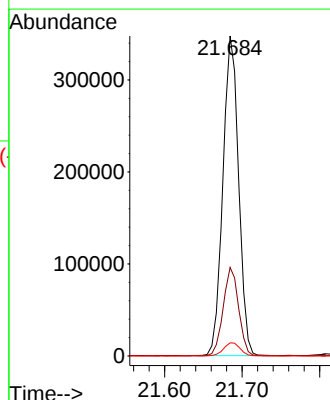
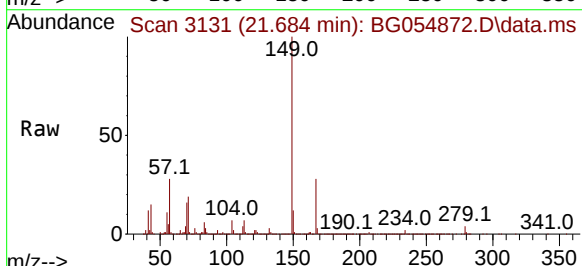
Tgt Ion:149 Resp: 490106

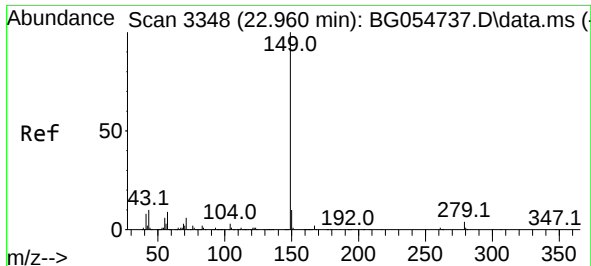
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.1 3.1 4.7

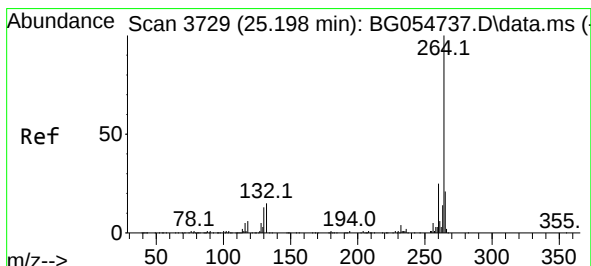
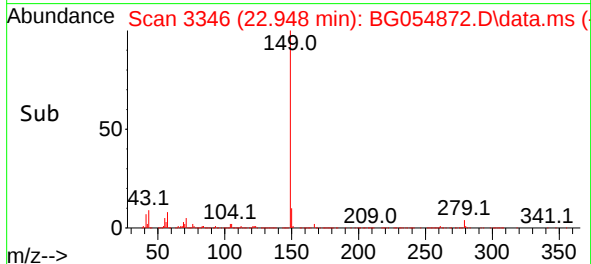
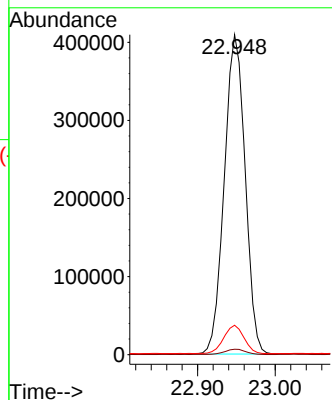
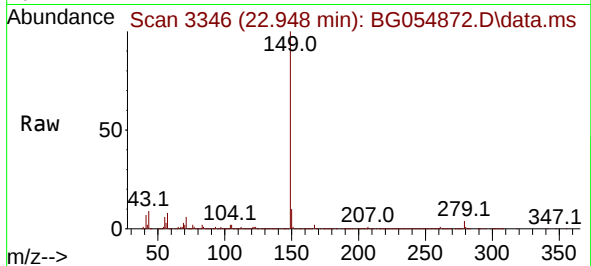




#85
Di-n-octyl phthalate
Concen: 44.031 ng
RT: 22.948 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

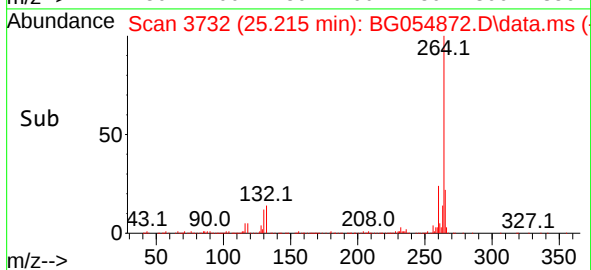
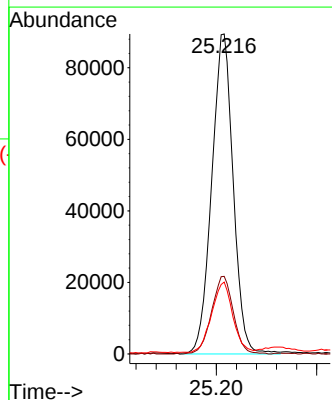
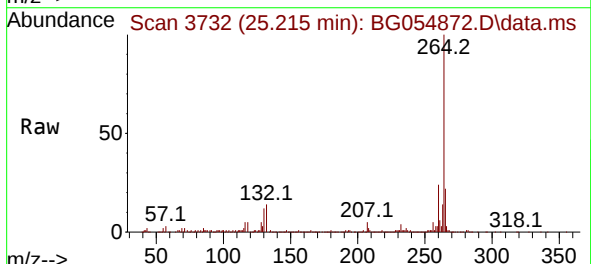
Instrument :
BNA_G
ClientSampleId :
VNJ-214MS

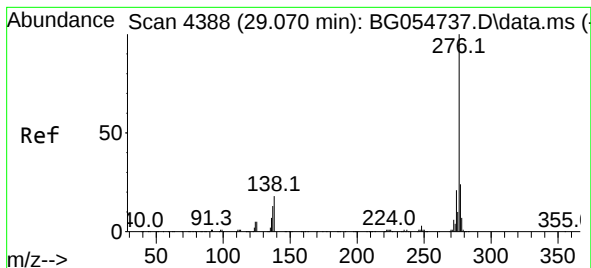
Tgt Ion:149 Resp: 763347
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.6 9.0 13.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.215 min Scan# 3732
Delta R.T. 0.017 min
Lab File: BG054872.D
Acq: 7 Sep 2022 17:09

Tgt Ion:264 Resp: 265641
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 22.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.542 ng

RT: 29.123 min Scan# 41

Delta R.T. 0.053 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

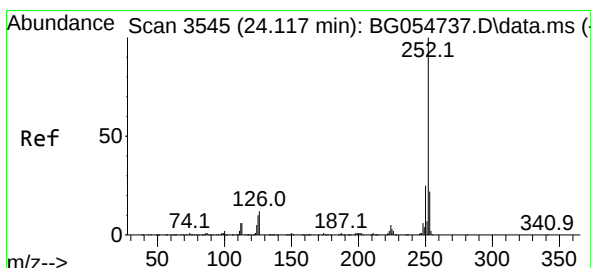
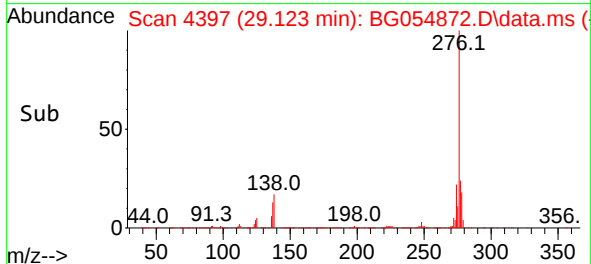
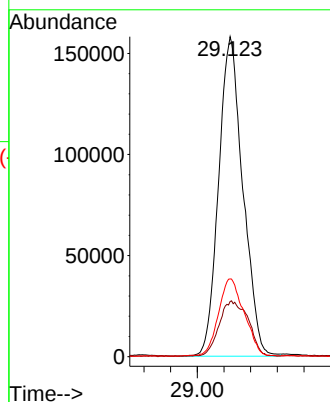
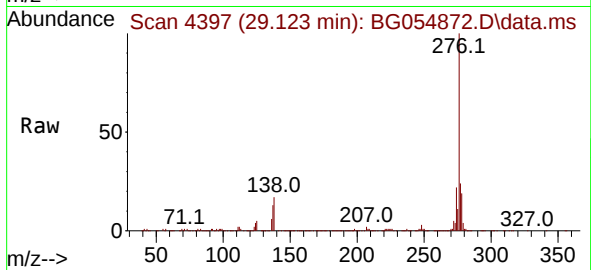
Tgt Ion:276 Resp: 999089

Ion Ratio Lower Upper

276 100

138 20.6 12.0 18.0#

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 56.970 ng

RT: 24.134 min Scan# 3548

Delta R.T. 0.017 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

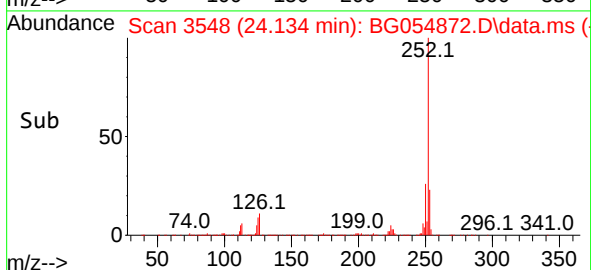
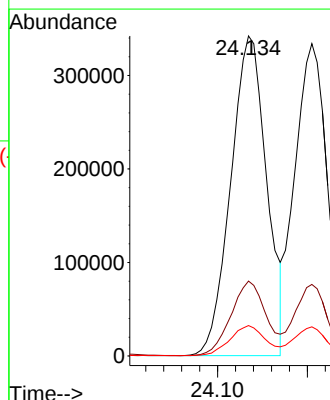
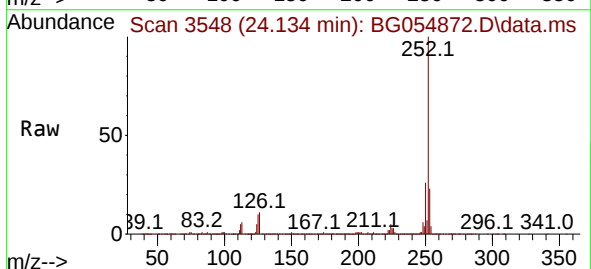
Tgt Ion:252 Resp: 949343

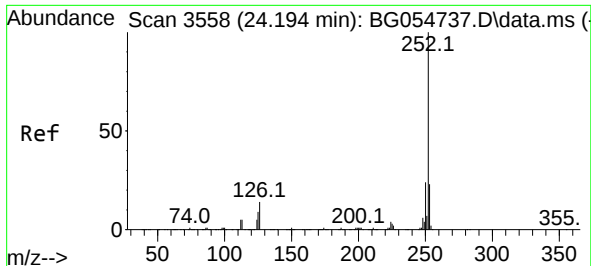
Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 9.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 49.939 ng

RT: 24.205 min Scan# 3

Delta R.T. 0.011 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

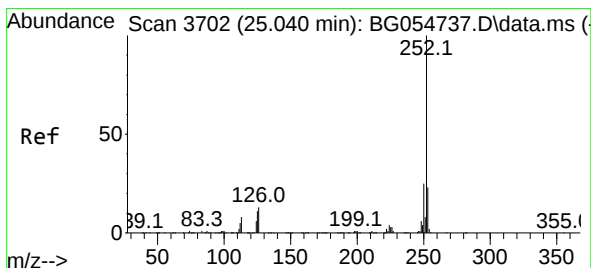
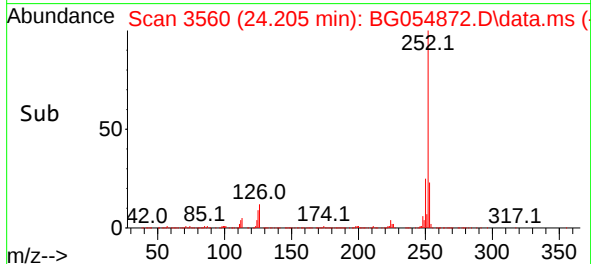
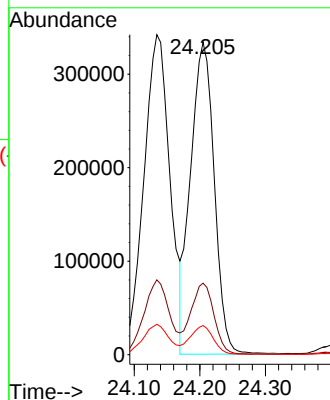
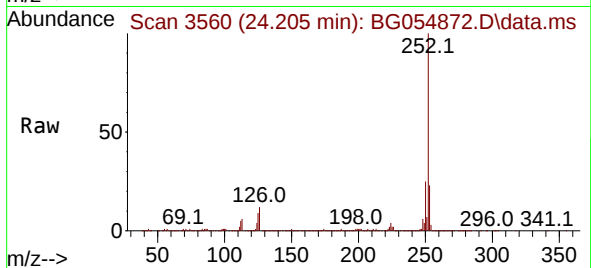
Tgt Ion:252 Resp: 837513

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 57.135 ng

RT: 25.057 min Scan# 3705

Delta R.T. 0.017 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

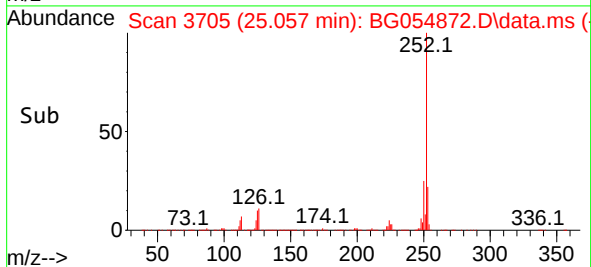
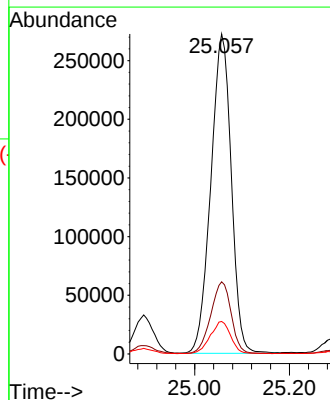
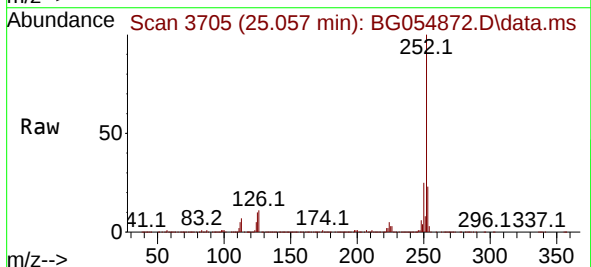
Tgt Ion:252 Resp: 813431

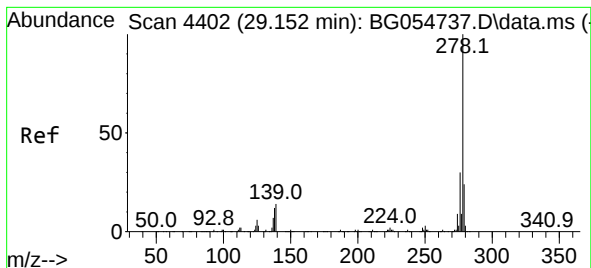
Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.229 ng

RT: 29.187 min Scan# 4408

Delta R.T. 0.035 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Instrument :

BNA_G

ClientSampleId :

VNJ-214MS

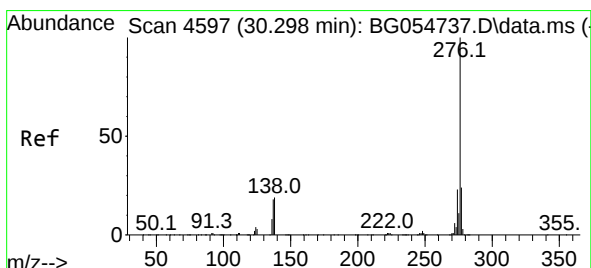
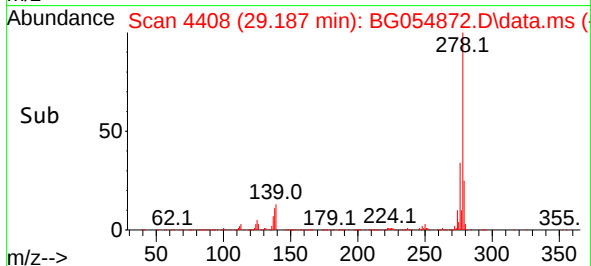
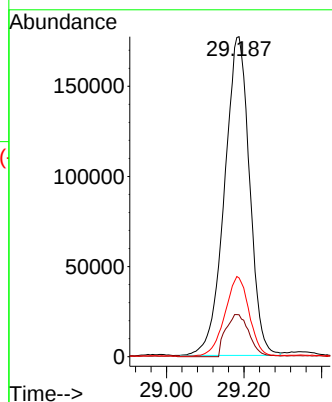
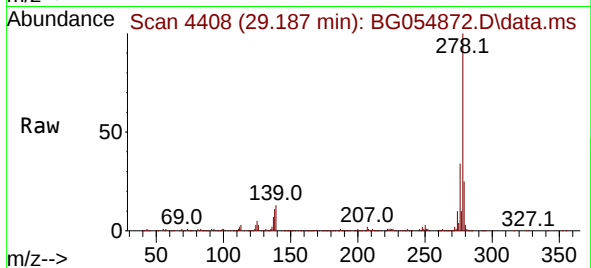
Tgt Ion:278 Resp: 792377

Ion Ratio Lower Upper

278 100

139 13.1 11.4 17.2

279 24.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 52.445 ng

RT: 30.345 min Scan# 4605

Delta R.T. 0.047 min

Lab File: BG054872.D

Acq: 7 Sep 2022 17:09

Tgt Ion:276 Resp: 870463

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 18.2 16.6 25.0

