

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054712.D
 Acq On : 23 Aug 2022 18:19
 Operator : CG/JU
 Sample : N4274-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1

Quant Time: Aug 24 01:51:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

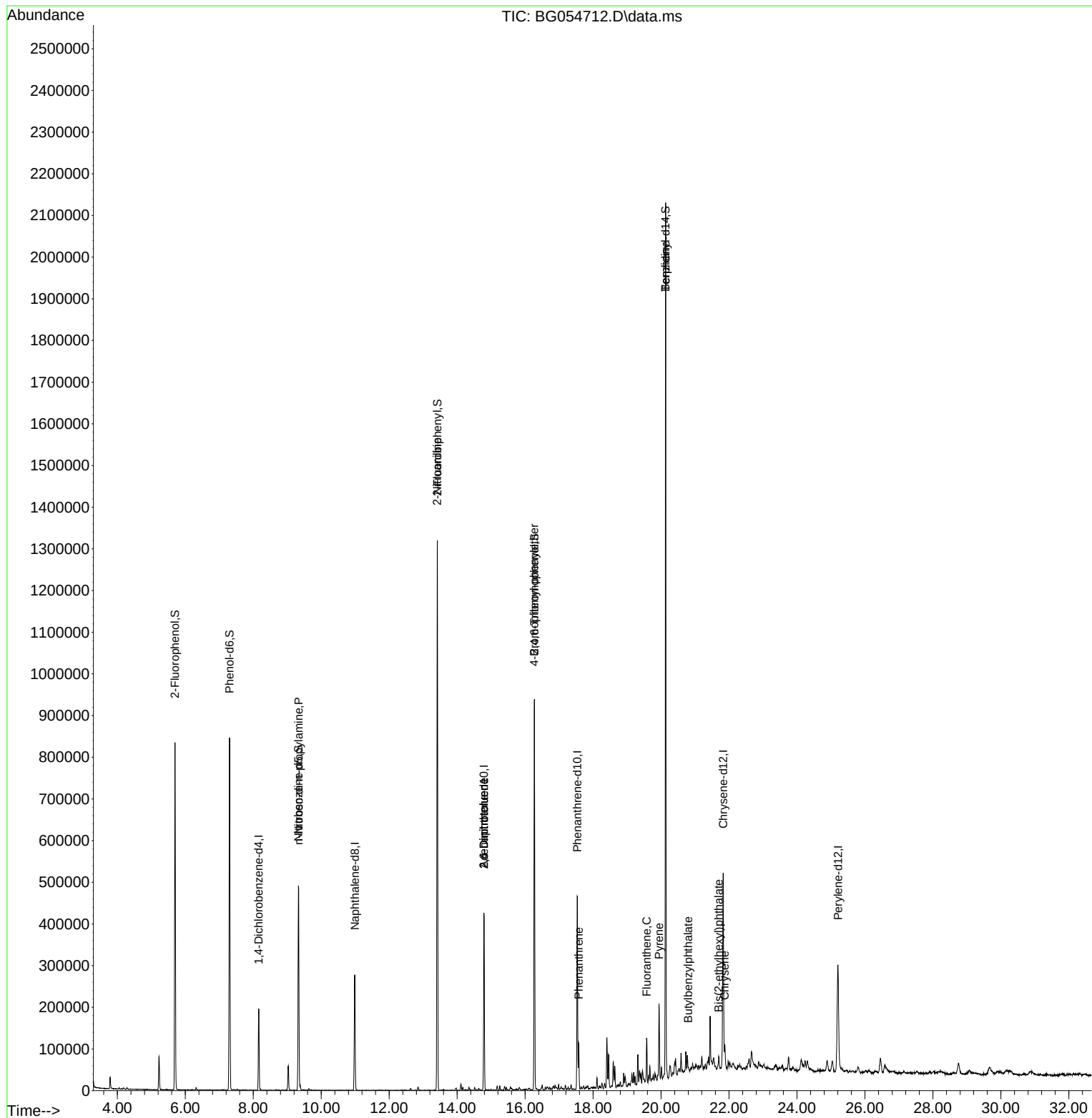
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	57119	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	244477	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	152889	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	305750	20.000	ng	0.00
76) Chrysene-d12	21.827	240	277811	20.000	ng	0.00
86) Perylene-d12	25.205	264	290554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	368476	121.564	ng	0.00
7) Phenol-d6	7.302	99	499058	117.503	ng	0.00
23) Nitrobenzene-d5	9.329	82	303705	70.795	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	184093	150.354	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	715526	69.017	ng	0.00
79) Terphenyl-d14	20.134	244	998683	71.410	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.335	70	39968	13.375	ng	# 80
48) 2-Nitroaniline	13.413	65	1178	4.068	ng	# 3
51) 2,6-Dinitrotoluene	14.788	165	20246	10.813	ng	# 22
57) 2,4-Dinitrotoluene	14.788	165	20246	10.885	ng	# 20
67) 4-Bromophenyl-phenylether	16.268	248	12122	4.119	ng	# 1
71) Phenanthrene	17.579	178	72984	4.478	ng	99
75) Fluoranthene	19.582	202	59958	3.121	ng	99
77) Benzidine	20.134	184	16064	2.663	ng	# 89
78) Pyrene	19.941	202	100109	5.109	ng	99
80) Butylbenzylphthalate	20.798	149	210	5.181	ng	# 59
83) Chrysene	21.874	228	41858	2.331	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.697	149	10329	5.165	ng	97

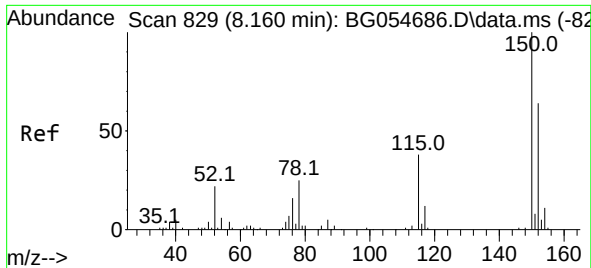
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054712.D
Acq On : 23 Aug 2022 18:19
Operator : CG/JU
Sample : N4274-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1

Quant Time: Aug 24 01:51:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

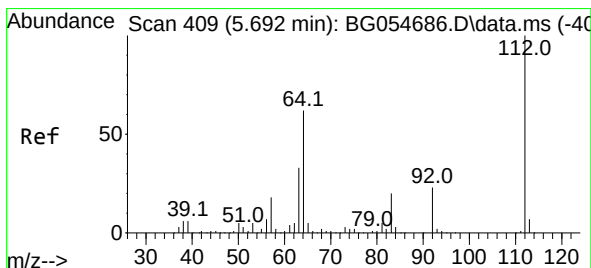
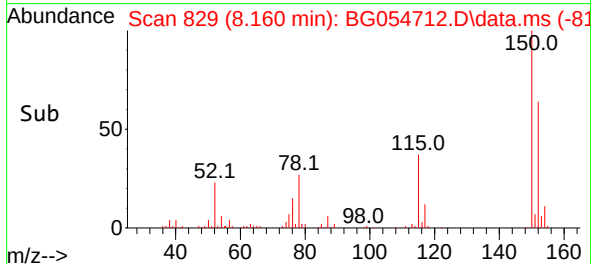
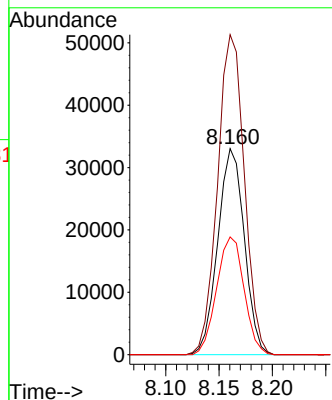
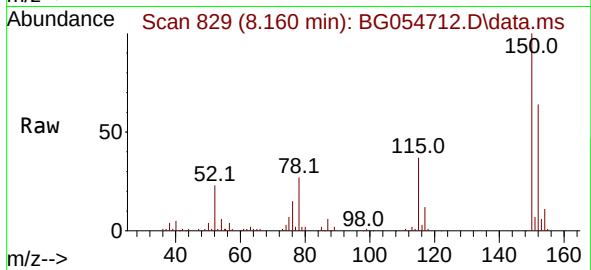




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.160 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

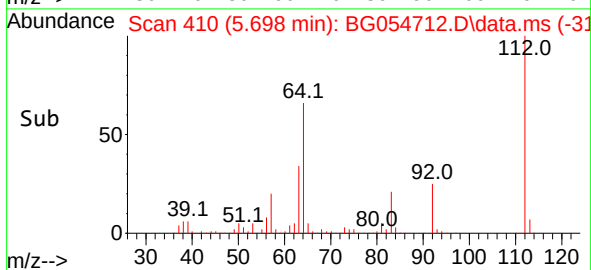
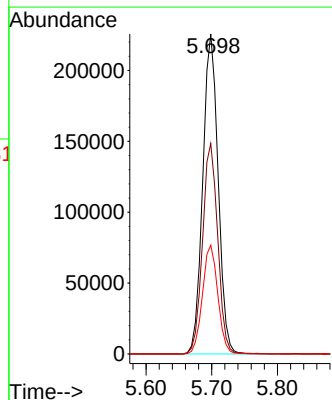
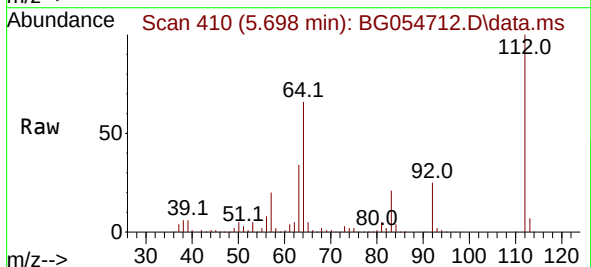
Instrument :
 BNA_G
 ClientSampleId :
 CL-1

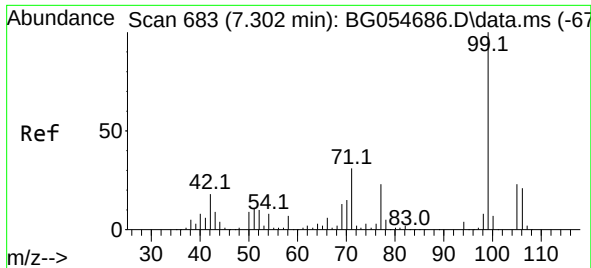
Tgt Ion:152 Resp: 57119
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.2 187.8
 115 57.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 121.564 ng
 RT: 5.698 min Scan# 410
 Delta R.T. 0.007 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

Tgt Ion:112 Resp: 368476
 Ion Ratio Lower Upper
 112 100
 64 65.7 49.3 73.9
 63 34.0 26.3 39.5

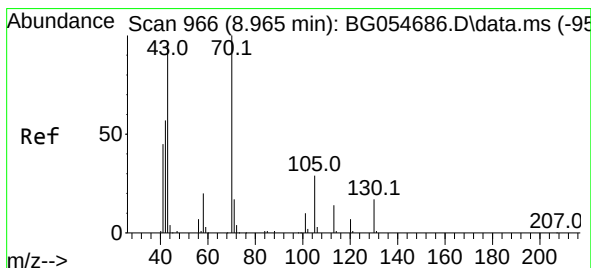
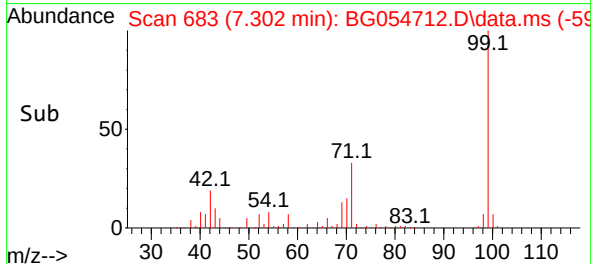
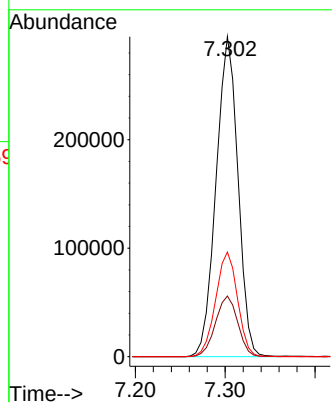
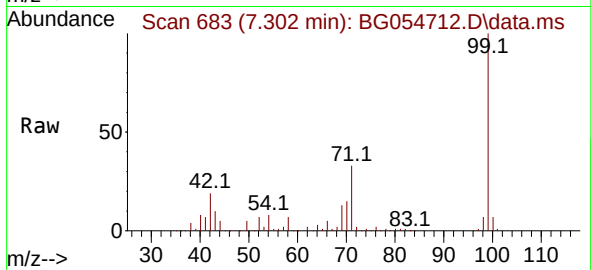




#7
Phenol-d6
Concen: 117.503 ng
RT: 7.302 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

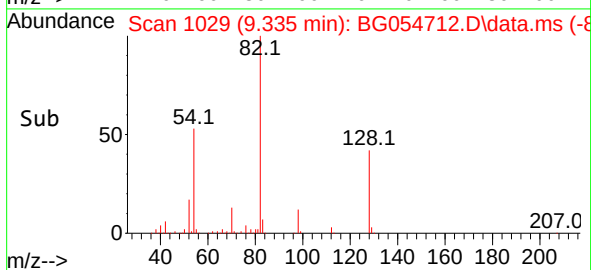
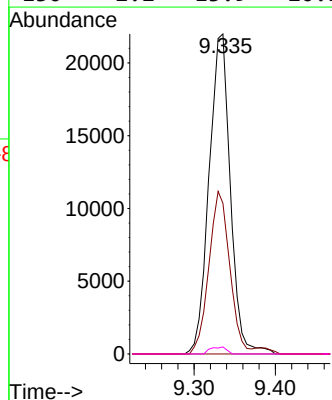
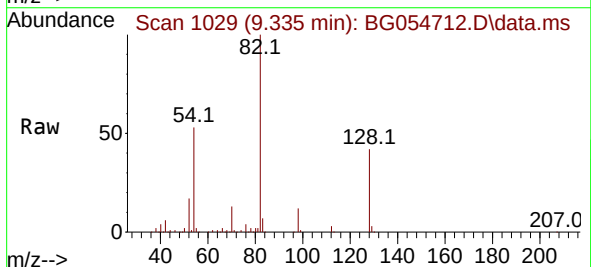
Instrument :
BNA_G
ClientSampleId :
CL-1

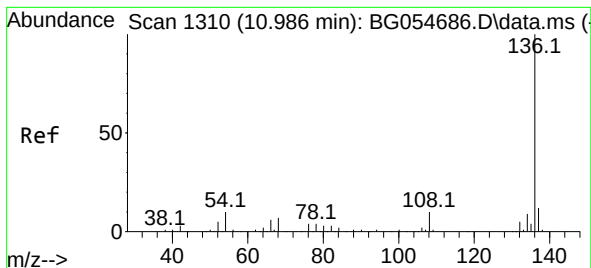
Tgt Ion: 99 Resp: 499058
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 32.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.375 ng
RT: 9.335 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion: 70 Resp: 39968
Ion Ratio Lower Upper
70 100
42 47.1 46.6 69.8
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

Tgt Ion:136 Resp: 244477

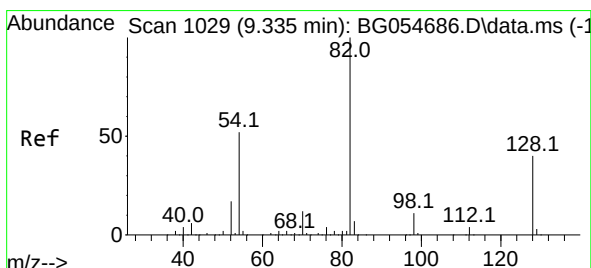
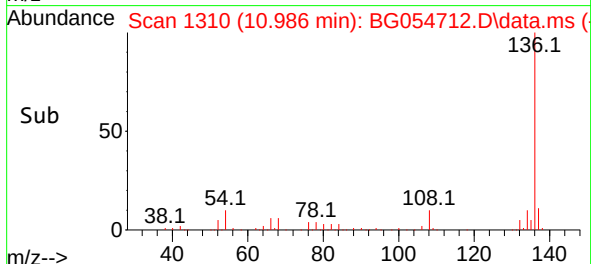
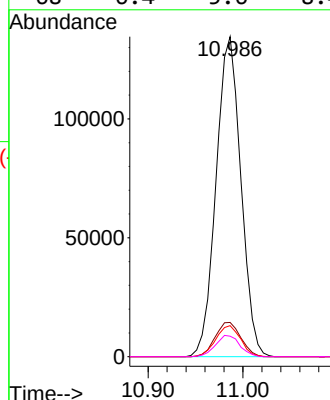
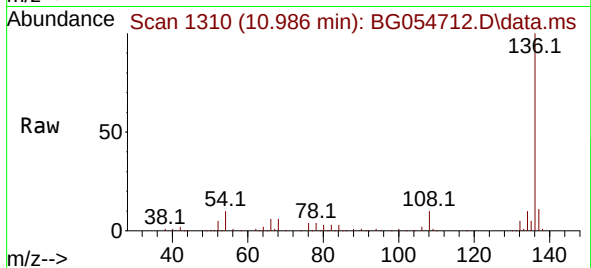
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 9.7 7.7 11.5

68 6.4 5.6 8.4



#23

Nitrobenzene-d5

Concen: 70.795 ng

RT: 9.329 min Scan# 1028

Delta R.T. -0.005 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

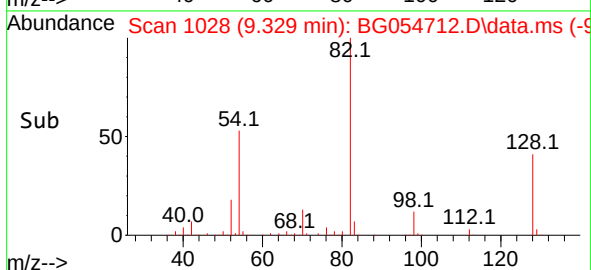
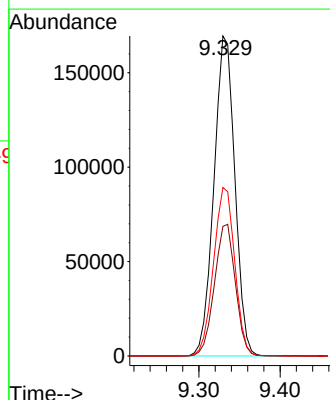
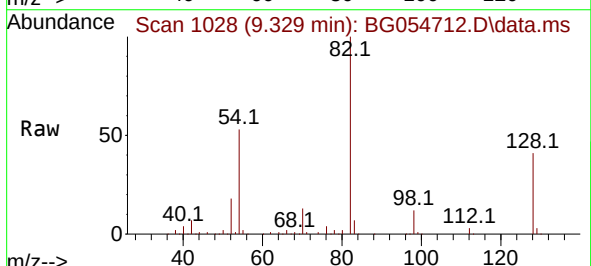
Tgt Ion: 82 Resp: 303705

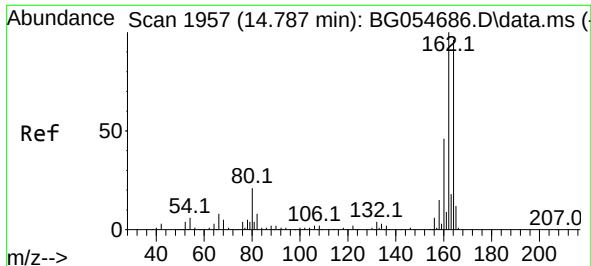
Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

54 52.7 41.4 62.0

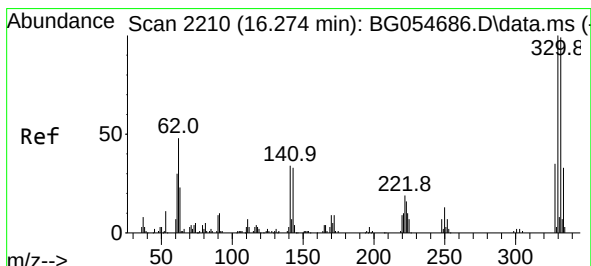
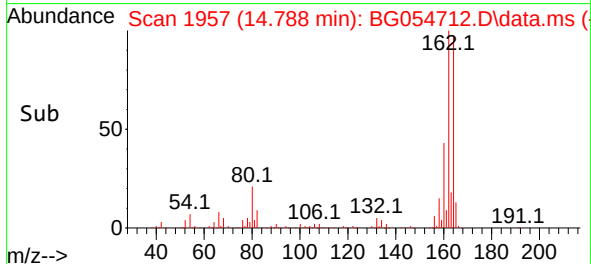
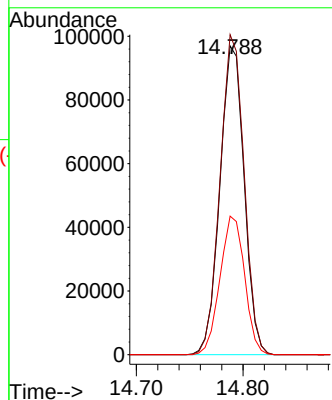
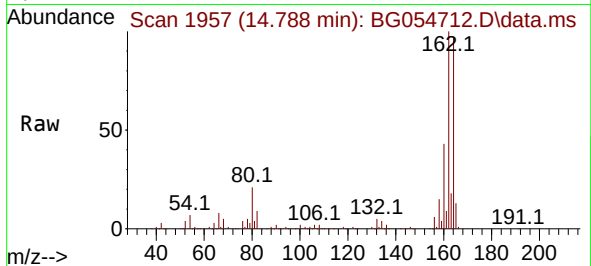




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

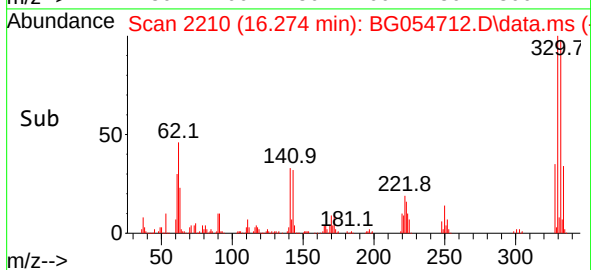
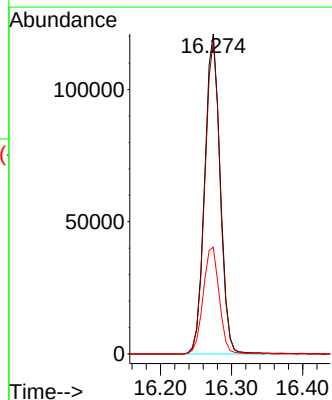
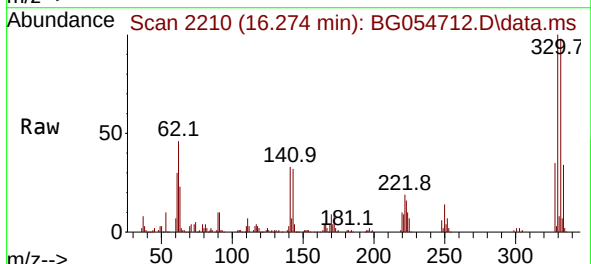
Instrument :
BNA_G
ClientSampleId :
CL-1

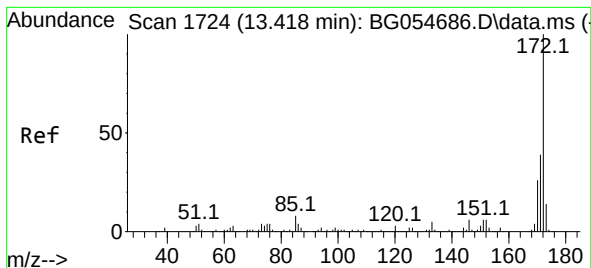
Tgt Ion:164 Resp: 152889
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 150.354 ng
RT: 16.274 min Scan# 2210
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:330 Resp: 184093
Ion Ratio Lower Upper
330 100
332 97.1 79.8 119.6
141 34.6 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 69.017 ng

RT: 13.419 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

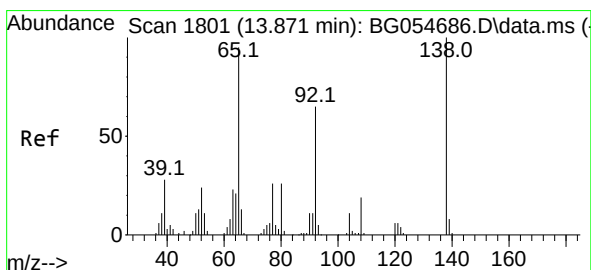
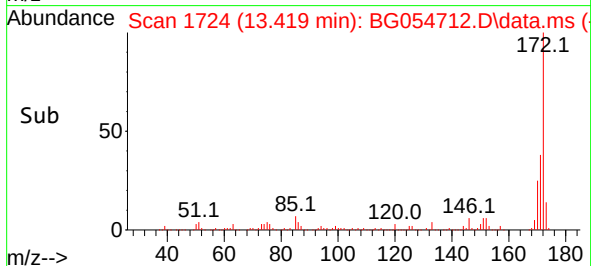
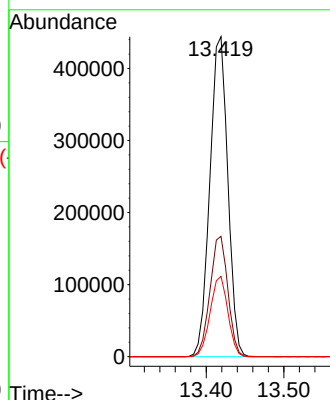
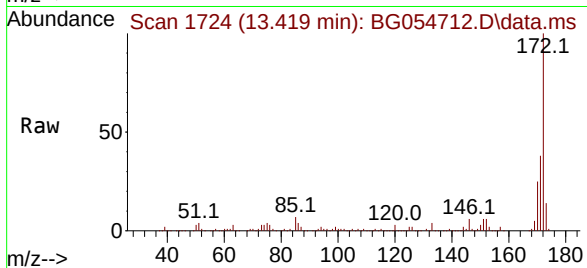
Tgt Ion:172 Resp: 715526

Ion Ratio Lower Upper

172 100

171 37.6 31.2 46.8

170 25.1 20.6 30.8



#48

2-Nitroaniline

Concen: 4.068 ng

RT: 13.413 min Scan# 1723

Delta R.T. -0.458 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

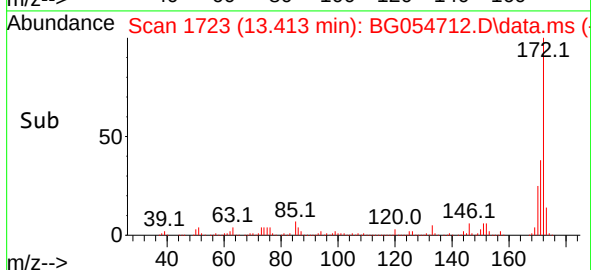
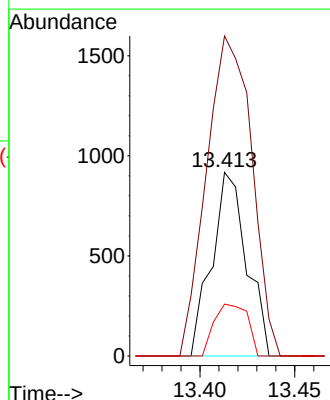
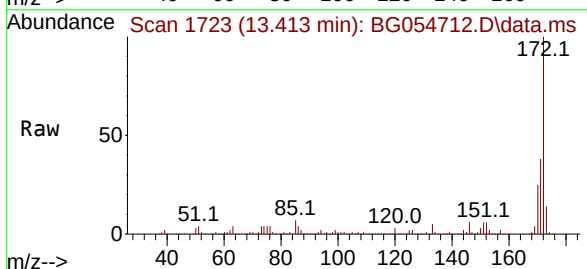
Tgt Ion: 65 Resp: 1178

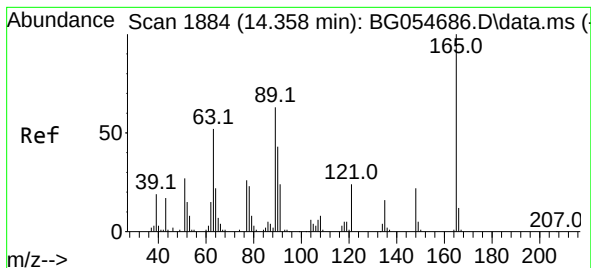
Ion Ratio Lower Upper

65 100

92 174.2 54.7 82.1#

138 28.2 84.1 126.1#

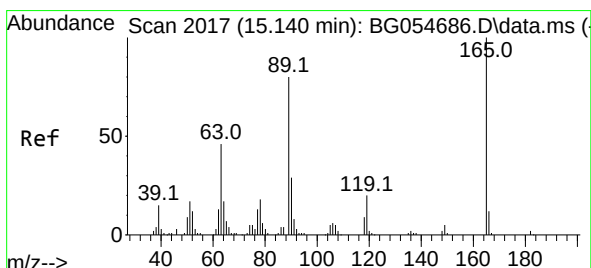
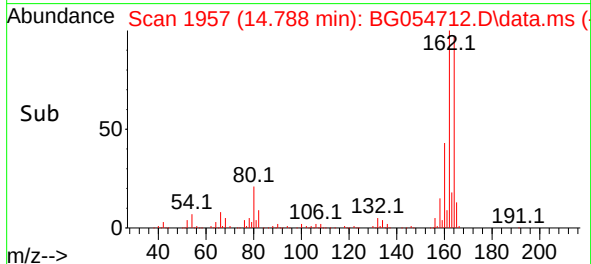
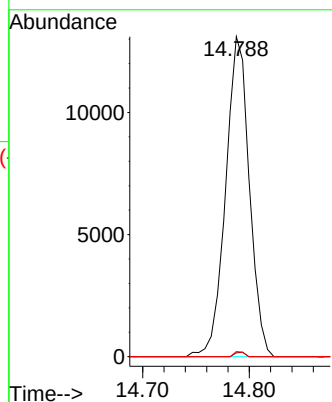
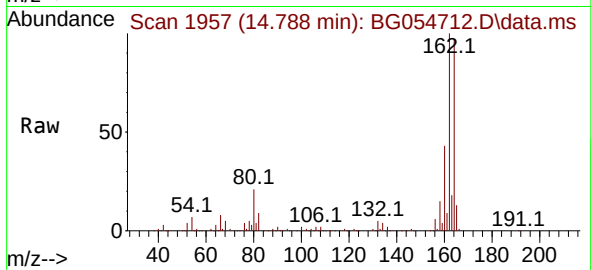




#51
2,6-Dinitrotoluene
Concen: 10.813 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.430 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

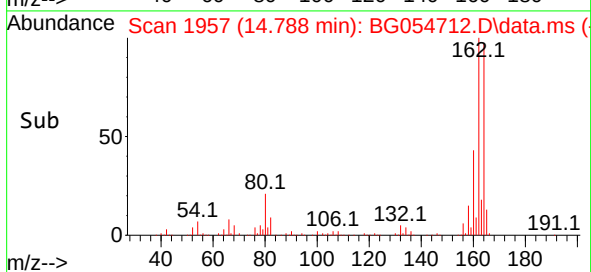
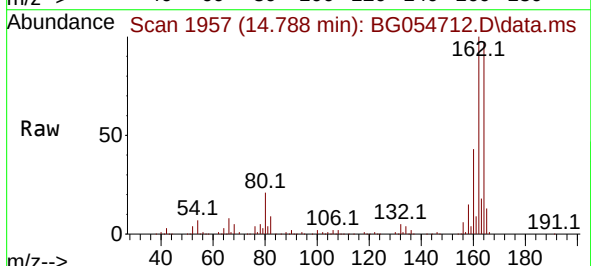
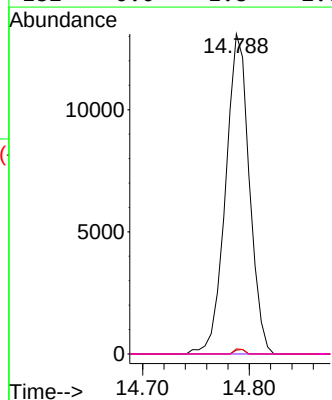
Instrument :
BNA_G
ClientSampleId :
CL-1

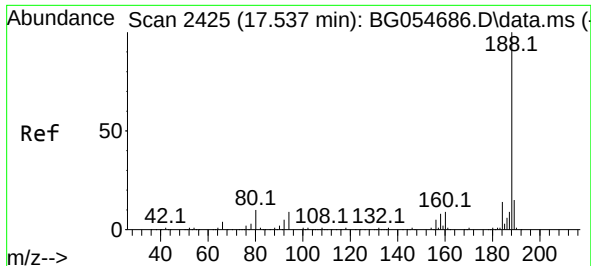
Tgt Ion:165 Resp: 20246
Ion Ratio Lower Upper
165 100
63 1.2 46.0 69.0#
89 1.6 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.885 ng
RT: 14.788 min Scan# 1957
Delta R.T. -0.352 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:165 Resp: 20246
Ion Ratio Lower Upper
165 100
63 1.2 36.8 55.2#
89 1.6 64.3 96.5#
182 0.0 1.8 2.6#

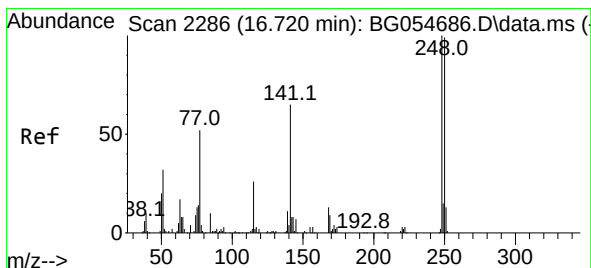
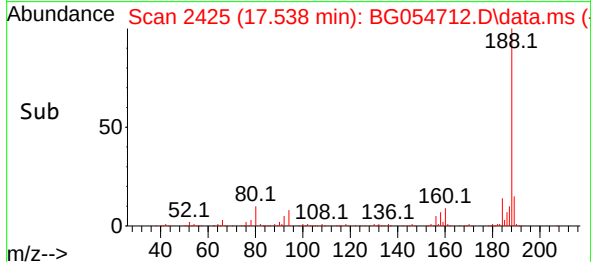
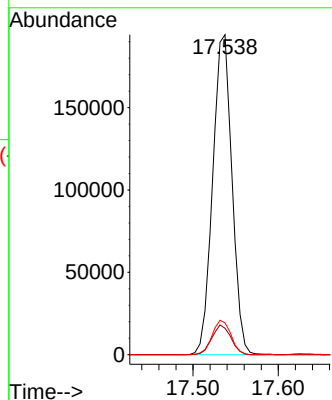
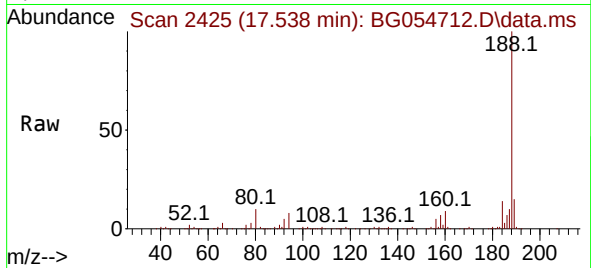




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.538 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

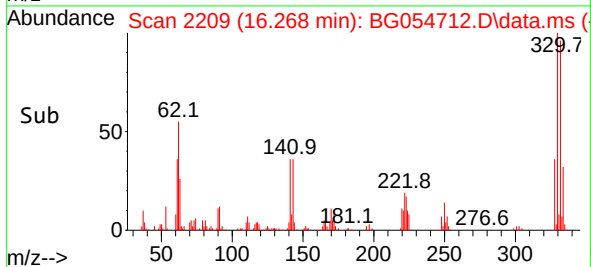
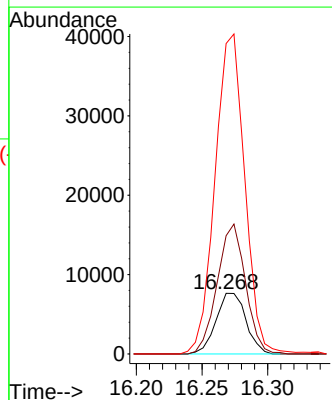
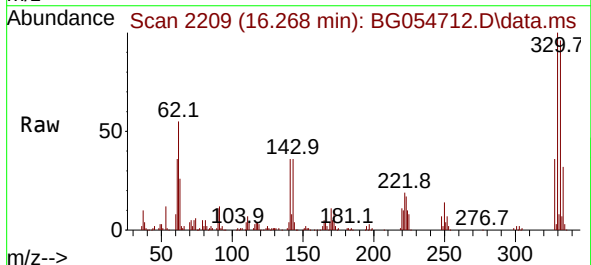
Instrument :
BNA_G
ClientSampleId :
CL-1

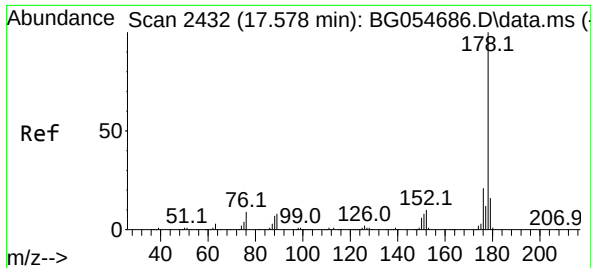
Tgt Ion:188 Resp: 305750
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 10.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.452 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:248 Resp: 12122
Ion Ratio Lower Upper
248 100
250 195.0 78.8 118.2#
141 512.2 51.9 77.9#

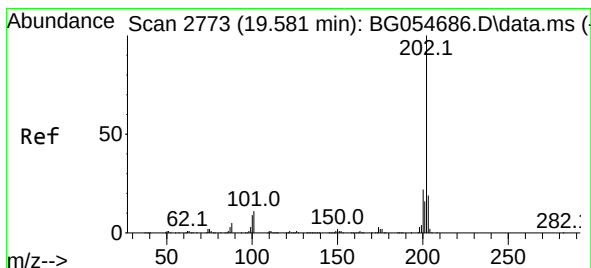
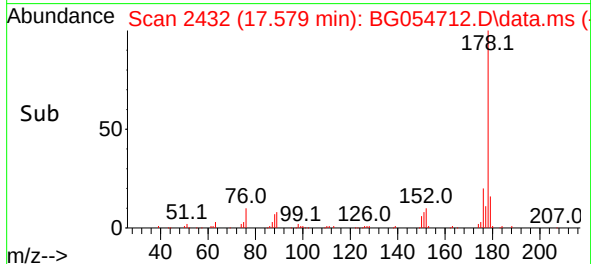
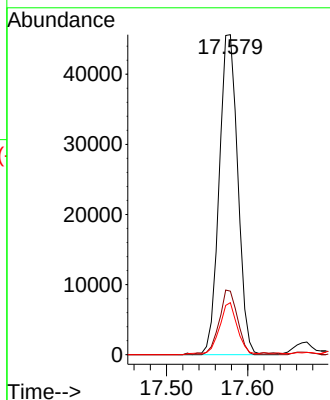
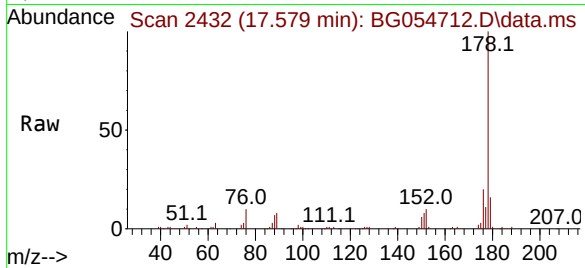




#71
Phenanthrene
Concen: 4.478 ng
RT: 17.579 min Scan# 2432
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

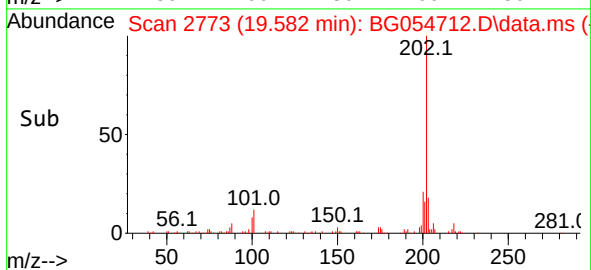
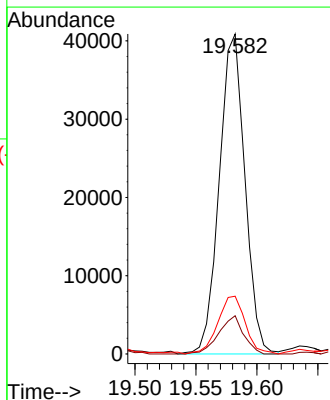
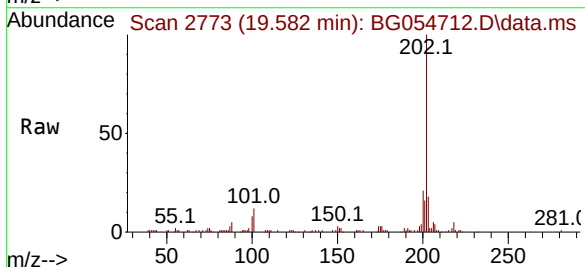
Instrument :
BNA_G
ClientSampleId :
CL-1

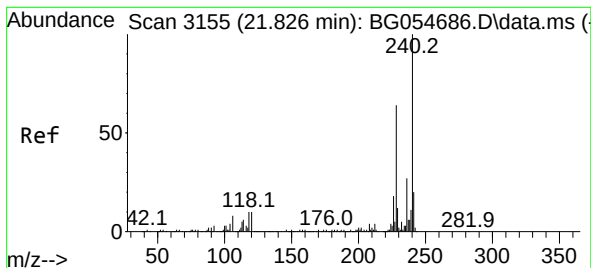
Tgt Ion:178 Resp: 72984
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 16.3 12.8 19.2



#75
Fluoranthene
Concen: 3.121 ng
RT: 19.582 min Scan# 2773
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:202 Resp: 59958
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.1 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.827 min Scan# 3155

Delta R.T. 0.001 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

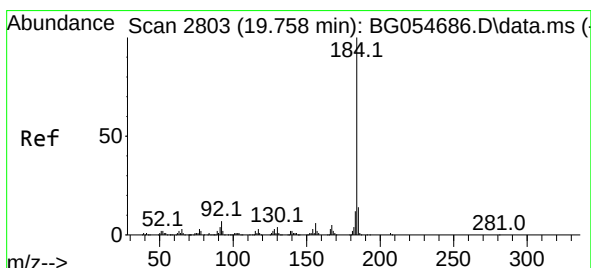
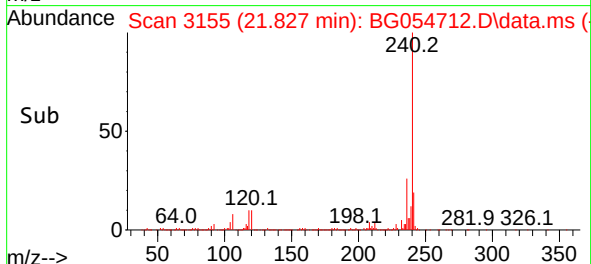
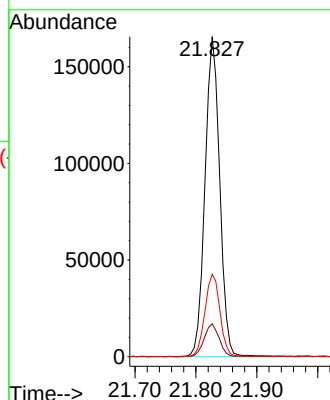
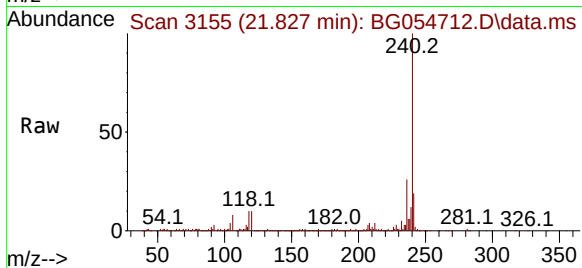
Tgt Ion:240 Resp: 277811

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.4

236 25.7 21.2 31.8



#77

Benzidine

Concen: 2.663 ng

RT: 20.134 min Scan# 2867

Delta R.T. 0.377 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

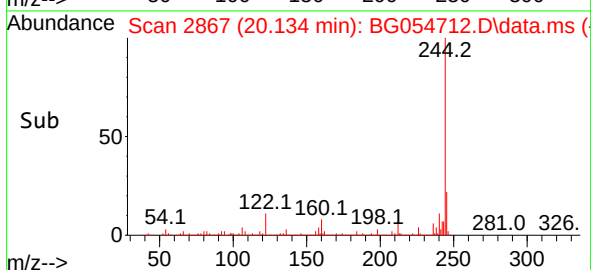
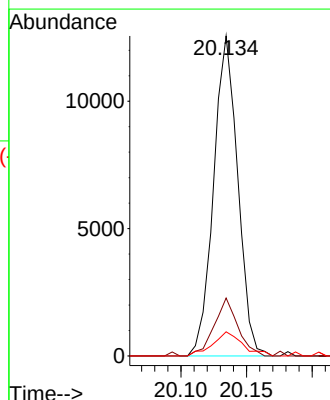
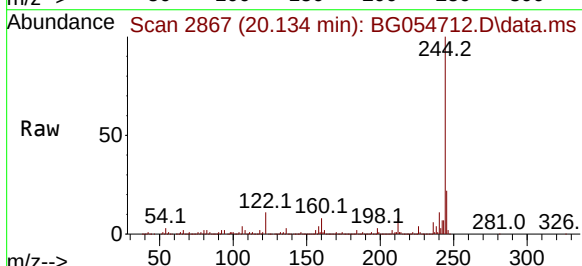
Tgt Ion:184 Resp: 16064

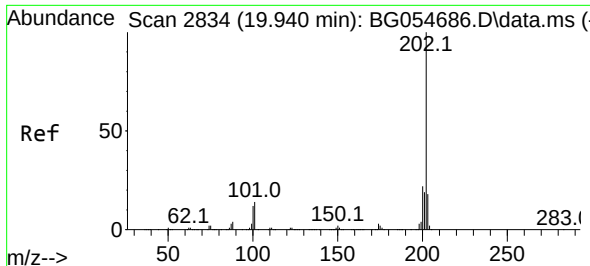
Ion Ratio Lower Upper

184 100

185 18.1 11.4 17.0#

183 7.6 9.8 14.8#

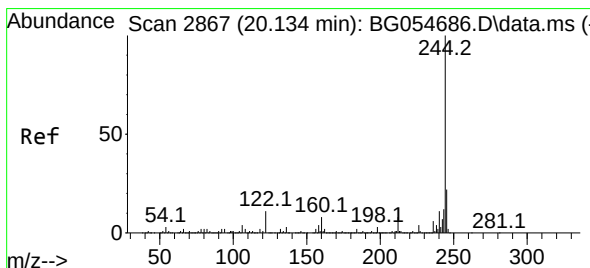
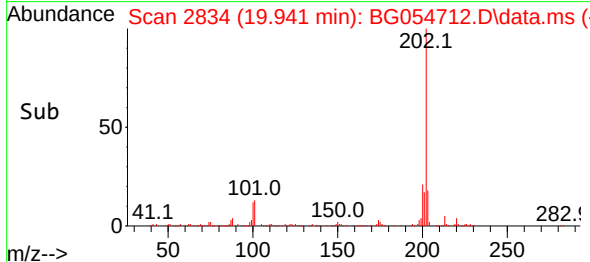
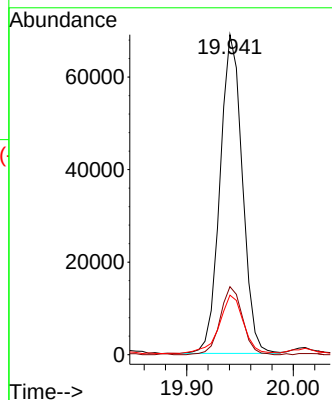
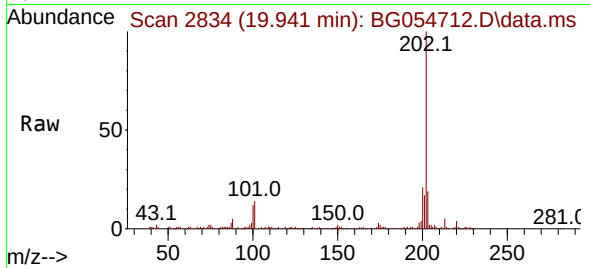




#78
 Pyrene
 Concen: 5.109 ng
 RT: 19.941 min Scan# 2834
 Delta R.T. 0.001 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

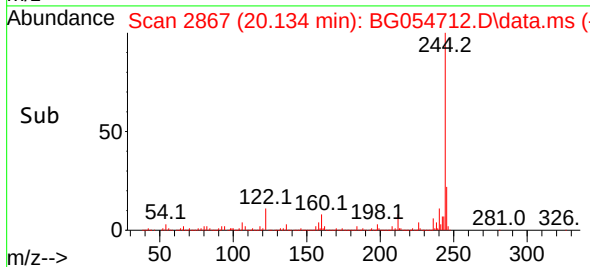
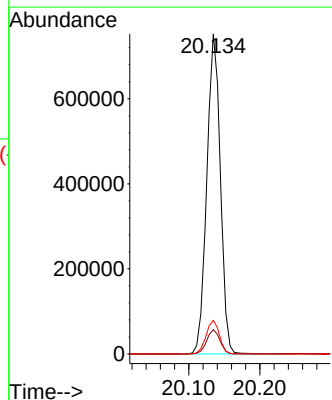
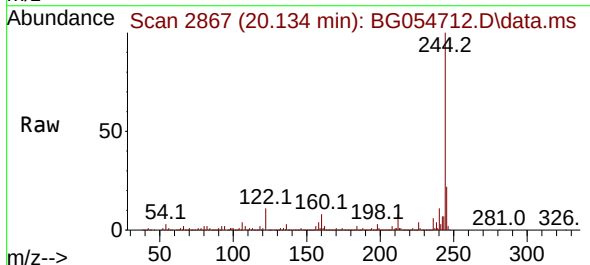
Instrument :
 BNA_G
 ClientSampleId :
 CL-1

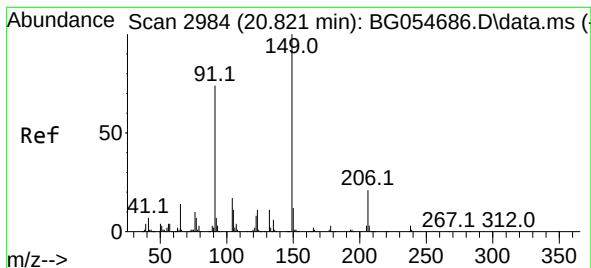
Tgt Ion:202 Resp: 100109
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 18.6 14.6 21.8



#79
 Terphenyl-d14
 Concen: 71.410 ng
 RT: 20.134 min Scan# 2867
 Delta R.T. 0.001 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

Tgt Ion:244 Resp: 998683
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.5 9.0 13.6





#80

Butylbenzylphthalate

Concen: 5.181 ng

RT: 20.798 min Scan# 2984

Delta R.T. -0.023 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

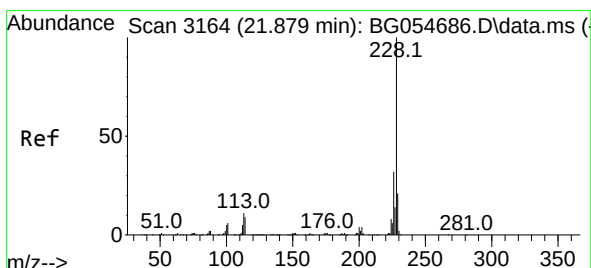
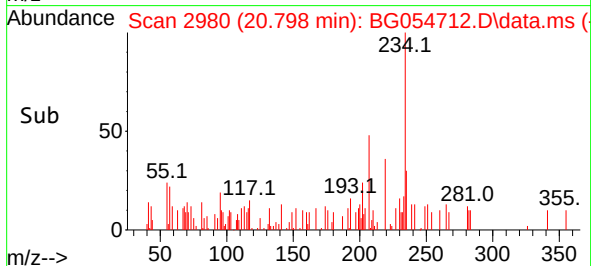
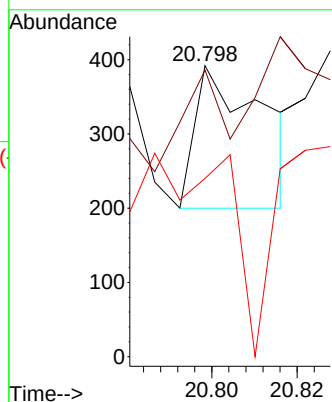
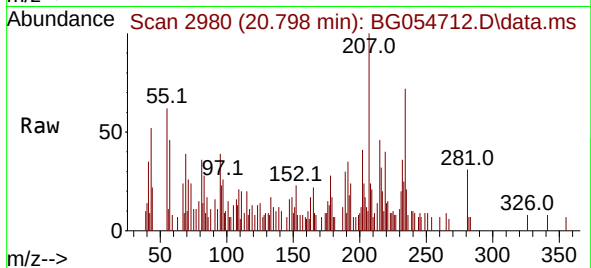
Tgt Ion:149 Resp: 210

Ion Ratio Lower Upper

149 100

91 98.5 59.5 89.3#

206 61.2 16.6 25.0#



#83

Chrysene

Concen: 2.331 ng

RT: 21.874 min Scan# 3163

Delta R.T. -0.005 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

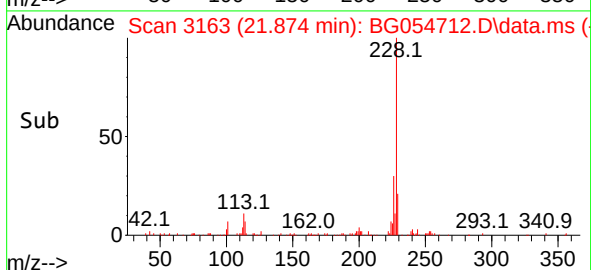
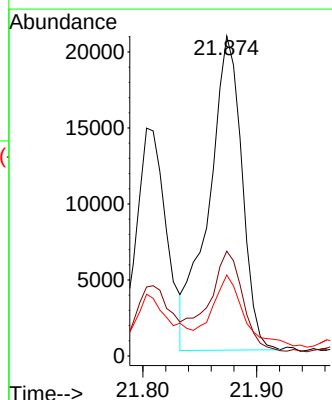
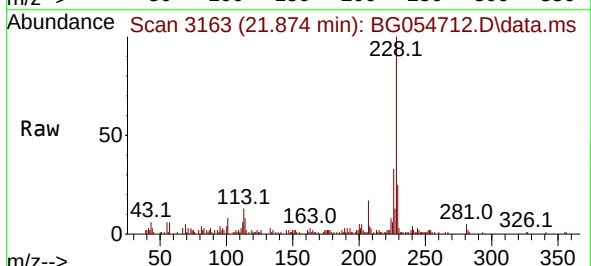
Tgt Ion:228 Resp: 41858

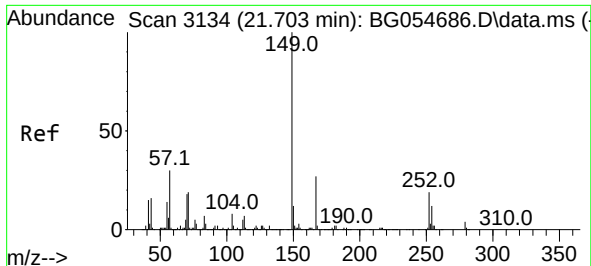
Ion Ratio Lower Upper

228 100

226 32.7 25.5 38.3

229 25.3 16.8 25.2#

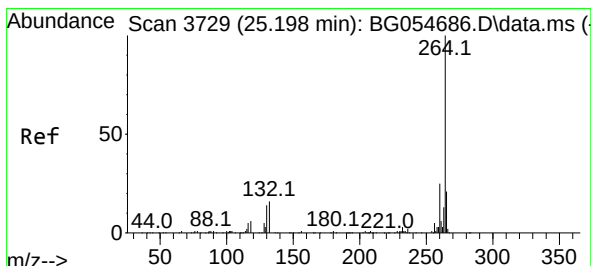
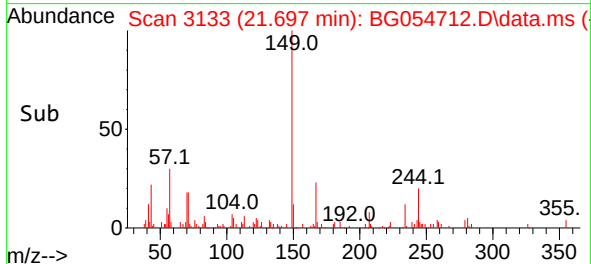
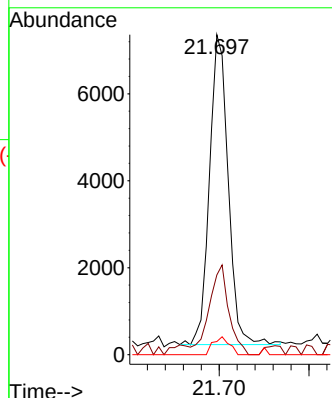
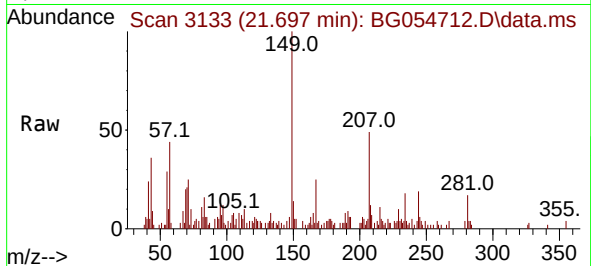




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.165 ng
RT: 21.697 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Instrument :
BNA_G
ClientSampleId :
CL-1

Tgt Ion:149 Resp: 10329
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.0
279 4.1 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.205 min Scan# 3730
Delta R.T. 0.007 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:264 Resp: 290554
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.8 16.9 25.3

