

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054957.D
 Acq On : 15 Sep 2022 15:32
 Operator : CG/JU
 Sample : N4640-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11930

Quant Time: Sep 16 05:29:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

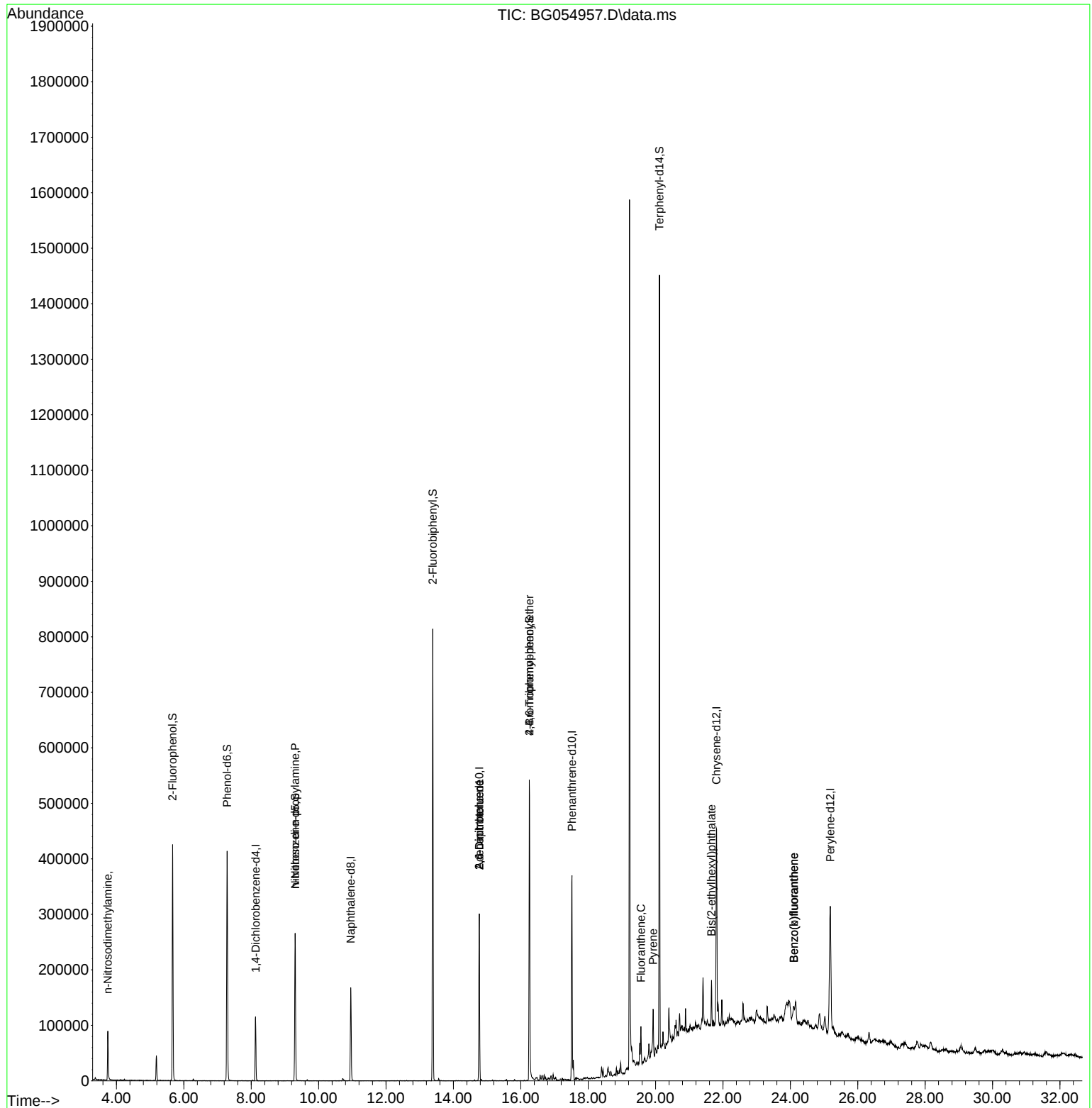
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	37067	20.000	ng	0.00
21) Naphthalene-d8	10.955	136	157600	20.000	ng	# 0.00
39) Acenaphthene-d10	14.768	164	115748	20.000	ng	0.00
64) Phenanthrene-d10	17.517	188	255746	20.000	ng	0.00
76) Chrysene-d12	21.807	240	235520	20.000	ng	-0.01
86) Perylene-d12	25.185	264	251395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	209795	98.559	ng	0.00
7) Phenol-d6	7.282	99	285255	97.990	ng	0.00
23) Nitrobenzene-d5	9.304	82	171939	57.273	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	138999	96.104	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	458805	59.577	ng	0.00
79) Terphenyl-d14	20.114	244	711100	59.824	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.740	42	2737	2.233	ng	# 1
19) n-Nitroso-di-n-propyla...	9.304	70	21246	10.613	ng	# 77
51) 2,6-Dinitrotoluene	14.768	165	14921	8.181	ng	# 22
57) 2,4-Dinitrotoluene	14.768	165	14921	5.914	ng	# 19
67) 4-Bromophenyl-phenylether	16.254	248	8572	3.053	ng	# 1
75) Fluoranthene	19.568	202	45566	2.749	ng	97
78) Pyrene	19.926	202	50020	3.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.660	149	35292	3.576	ng	99
88) Benzo(b)fluoranthene	24.104	252	33709	2.138	ng	# 89
89) Benzo(k)fluoranthene	24.104	252	33709	2.124	ng	# 89

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

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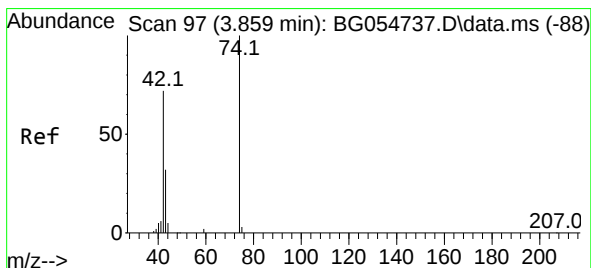
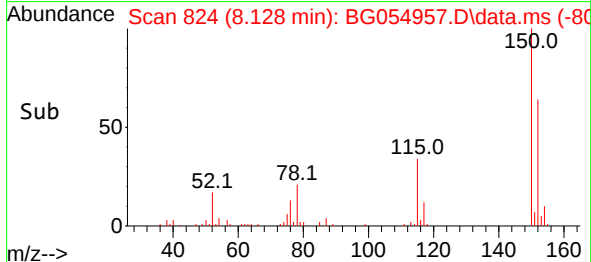
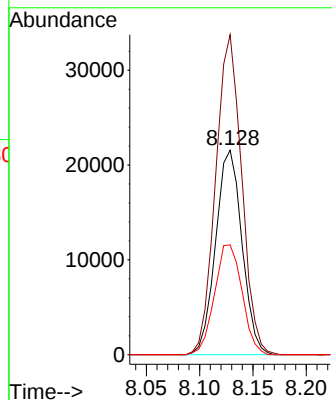
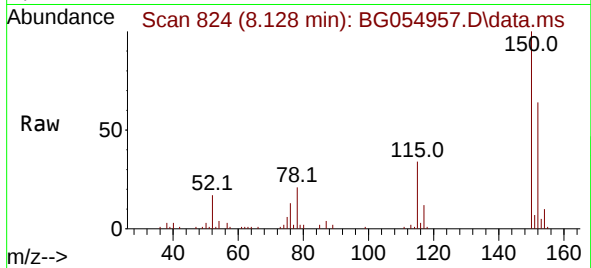




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

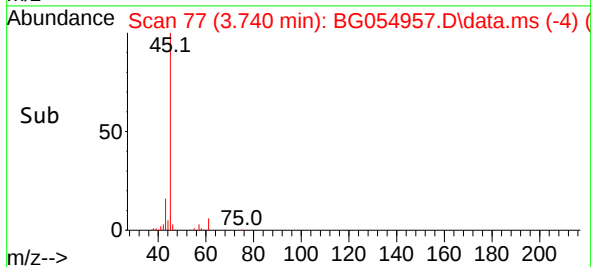
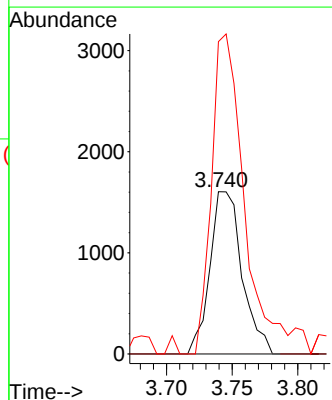
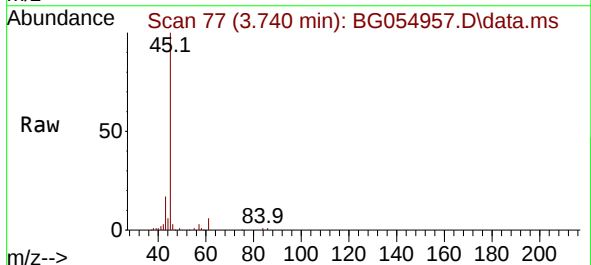
Instrument :
BNA_G
ClientSampleId :
72-11930

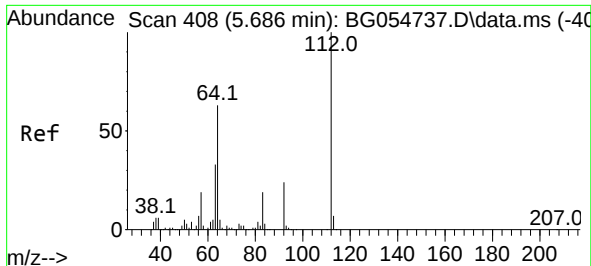
Tgt Ion:152 Resp: 37067
Ion Ratio Lower Upper
152 100
150 156.4 125.2 187.8
115 53.6 47.9 71.9



#4
n-Nitrosodimethylamine
Concen: 2.233 ng
RT: 3.740 min Scan# 77
Delta R.T. -0.100 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion: 42 Resp: 2737
Ion Ratio Lower Upper
42 100
74 0.0 109.6 164.4#
44 192.6 5.5 8.3#

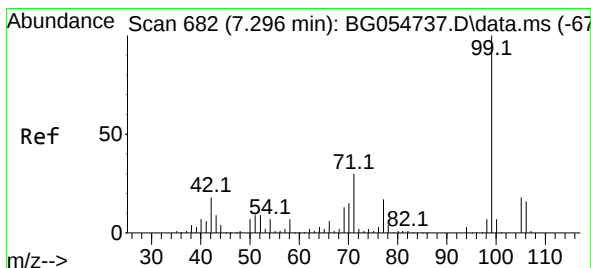
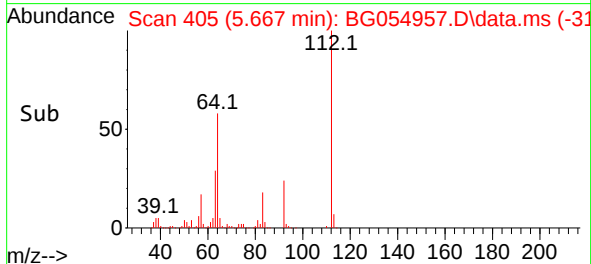
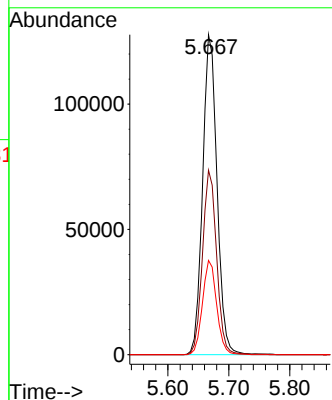
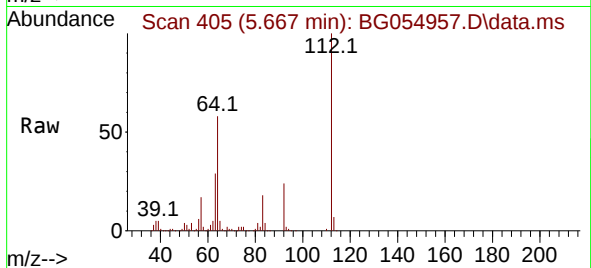




#5
2-Fluorophenol
Concen: 98.559 ng
RT: 5.667 min Scan# 408
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

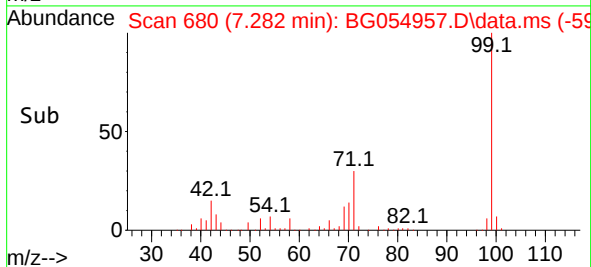
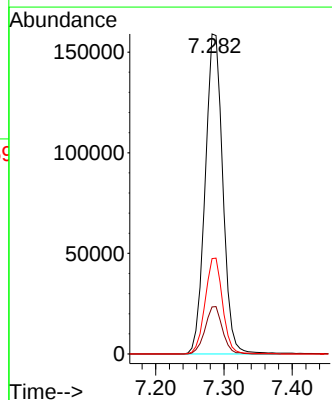
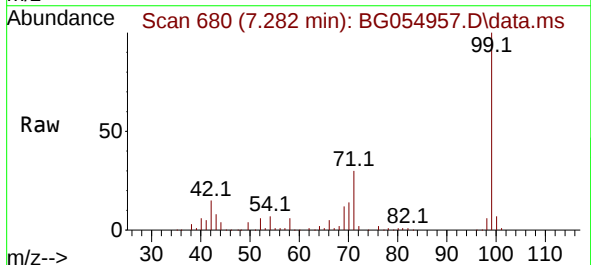
Instrument :
BNA_G
ClientSampleId :
72-11930

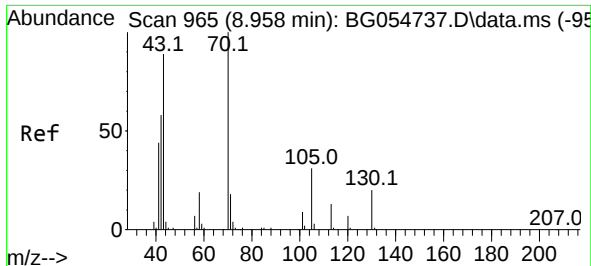
Tgt Ion:112 Resp: 209795
Ion Ratio Lower Upper
112 100
64 57.7 49.3 73.9
63 29.5 26.3 39.5



#7
Phenol-d6
Concen: 97.990 ng
RT: 7.282 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion: 99 Resp: 285255
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.8 24.6 37.0

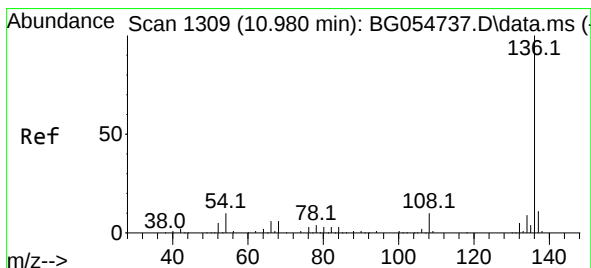
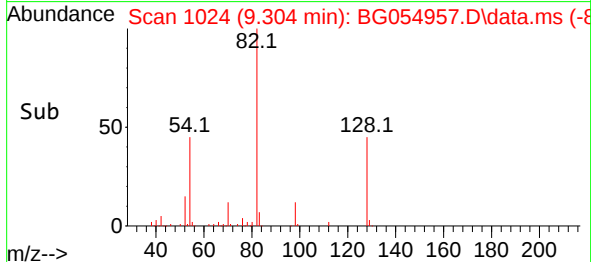
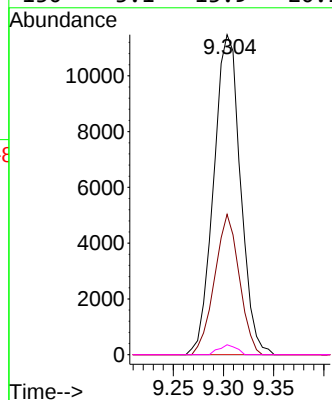
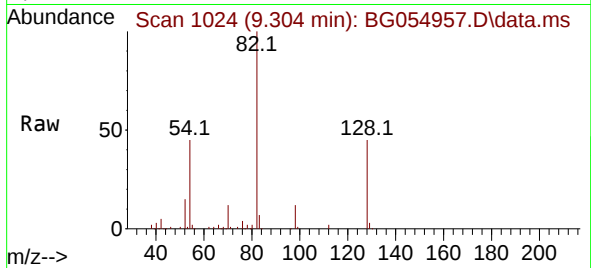




#19
n-Nitroso-di-n-propylamine
Concen: 10.613 ng
RT: 9.304 min Scan# 1024
Delta R.T. 0.364 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

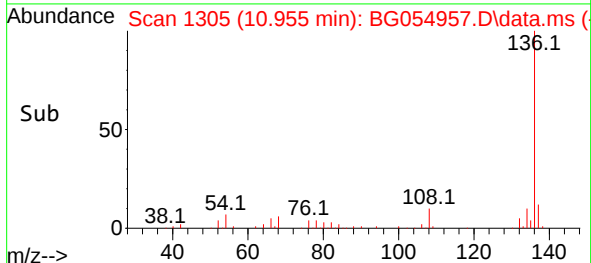
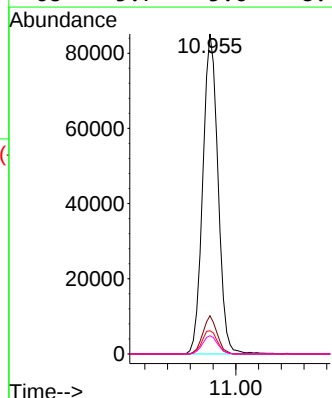
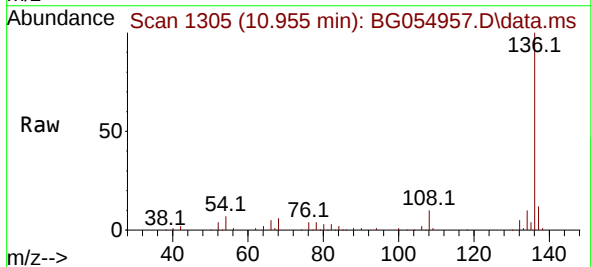
Instrument :
BNA_G
ClientSampleId :
72-11930

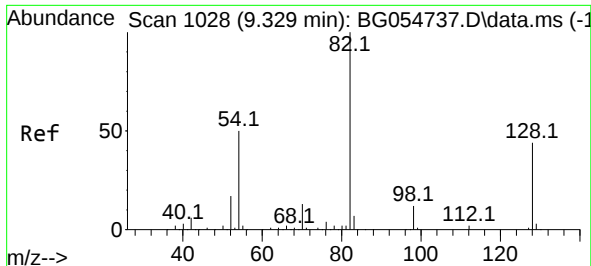
Tgt Ion: 70 Resp: 21246
Ion Ratio Lower Upper
70 100
42 43.9 46.6 69.8#
101 0.0 7.7 11.5#
130 3.1 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.955 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion: 136 Resp: 157600
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 7.3 7.7 11.5#
68 5.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 57.273 ng

RT: 9.304 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

Instrument :

BNA_G

ClientSampleId :

72-11930

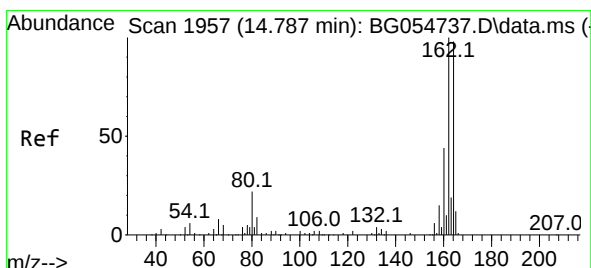
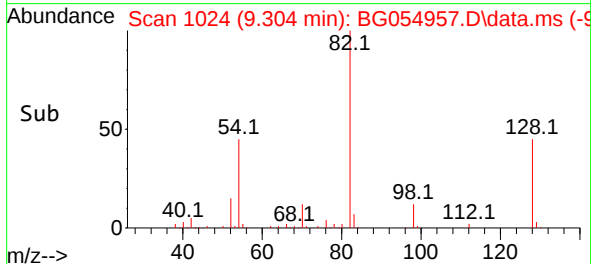
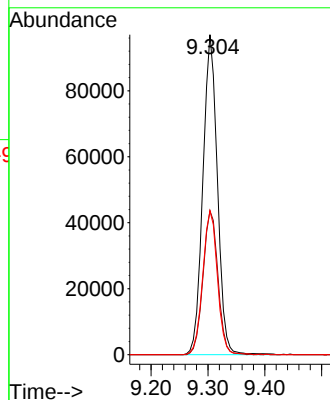
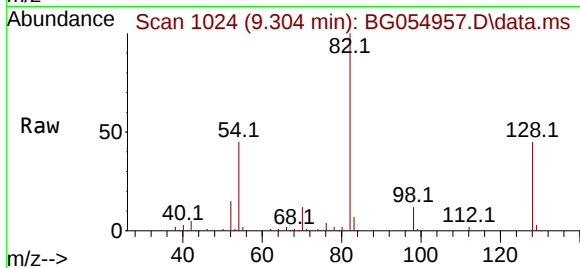
Tgt Ion: 82 Resp: 171939

Ion Ratio Lower Upper

82 100

128 45.0 32.2 48.2

54 45.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

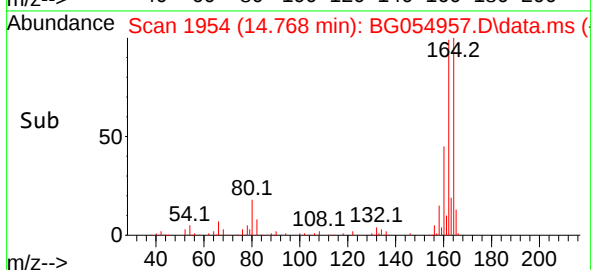
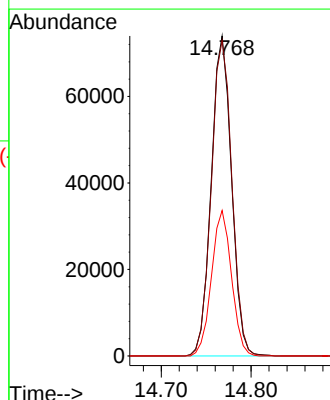
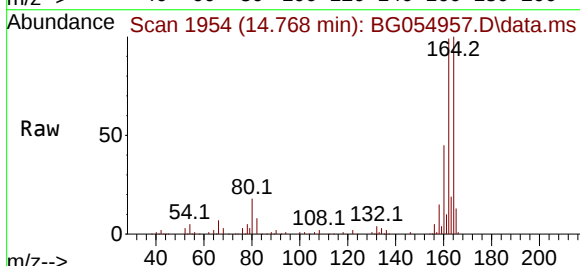
Tgt Ion:164 Resp: 115748

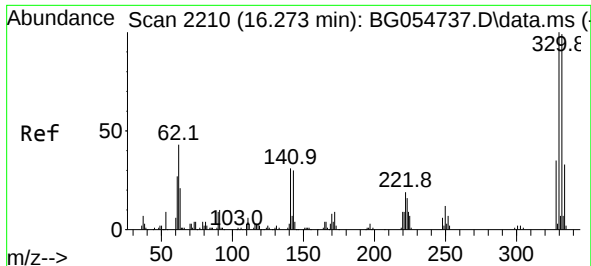
Ion Ratio Lower Upper

164 100

162 98.6 83.0 124.4

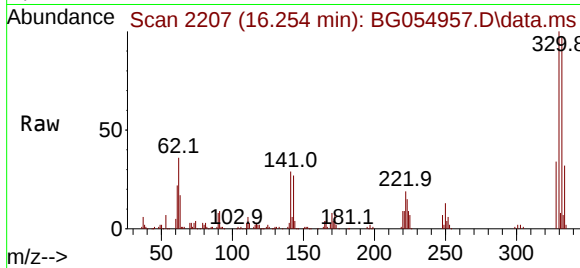
160 45.5 38.0 57.0



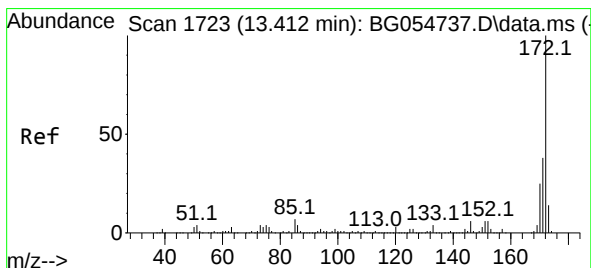
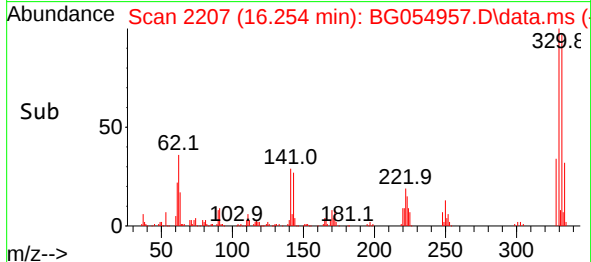
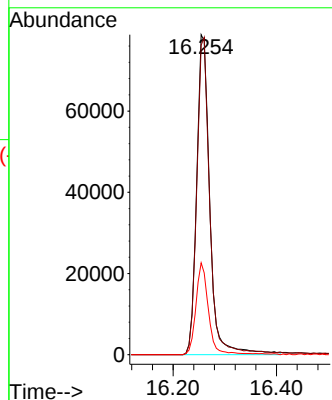


#42
2,4,6-Tribromophenol
Concen: 96.104 ng
RT: 16.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Instrument :
BNA_G
ClientSampleId :
72-11930

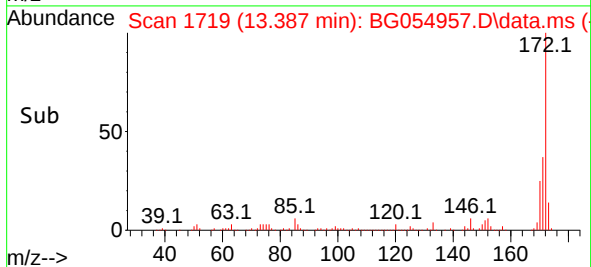
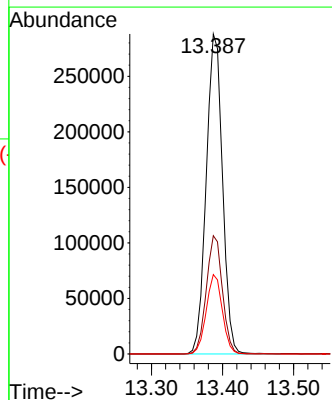
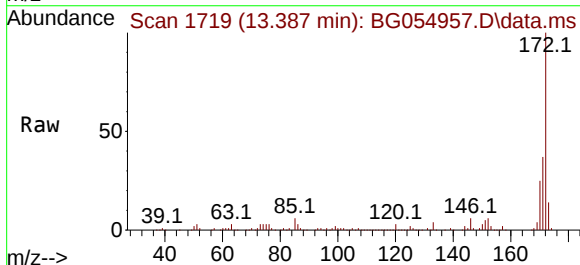


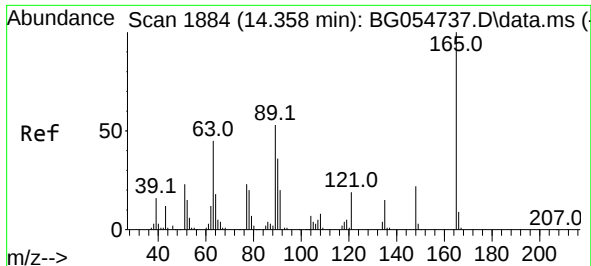
Tgt Ion:330 Resp: 138999
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 27.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 59.577 ng
RT: 13.387 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion:172 Resp: 458805
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.8 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 8.181 ng

RT: 14.768 min Scan# 1954

Delta R.T. 0.423 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

Instrument :

BNA_G

ClientSampleId :

72-11930

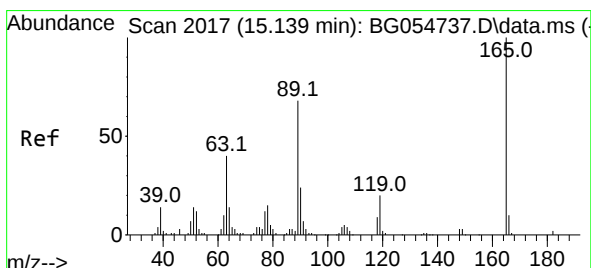
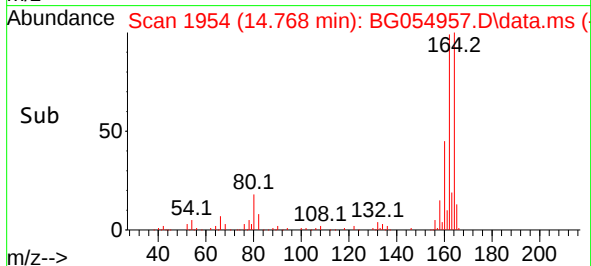
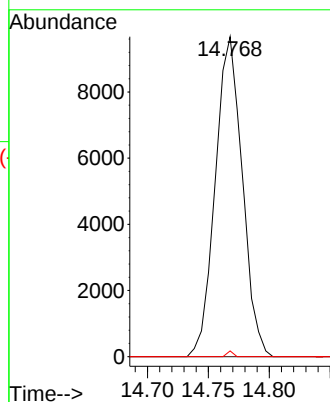
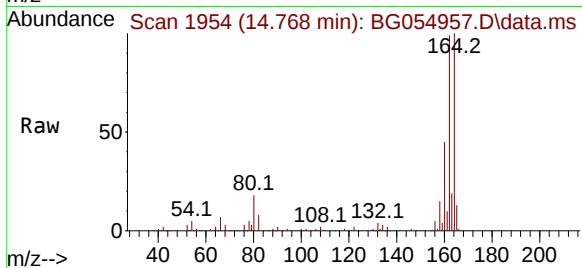
Tgt Ion:165 Resp: 14921

Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 1.8 50.3 75.5#



#57

2,4-Dinitrotoluene

Concen: 5.914 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.371 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

Tgt Ion:165 Resp: 14921

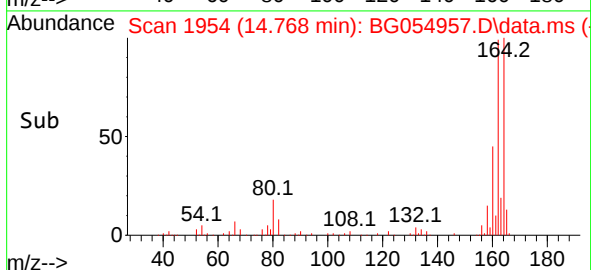
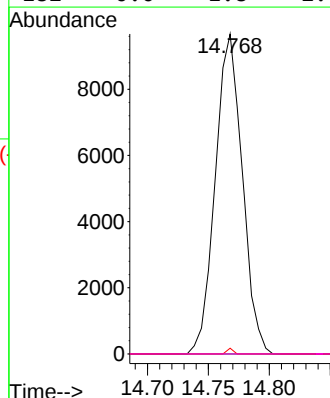
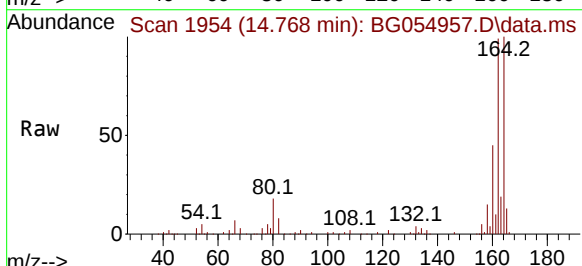
Ion Ratio Lower Upper

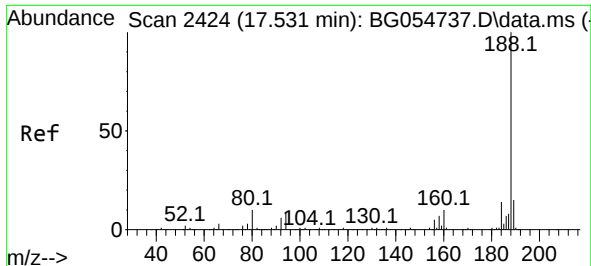
165 100

63 0.0 36.8 55.2#

89 1.8 64.3 96.5#

182 0.0 1.8 2.6#

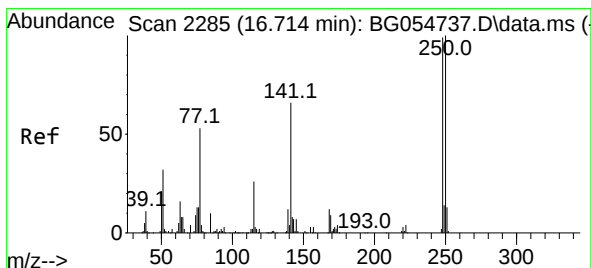
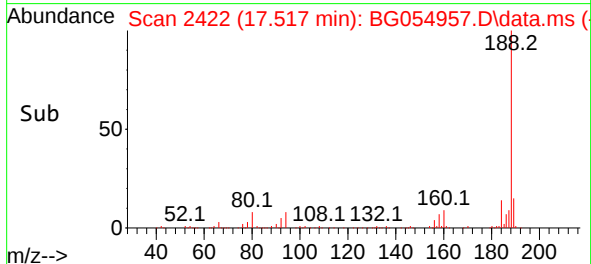
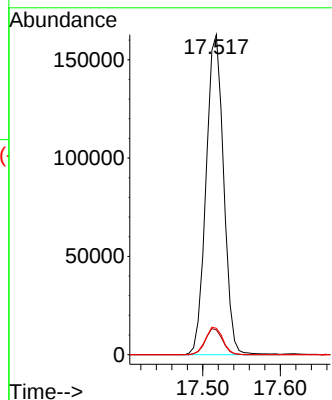
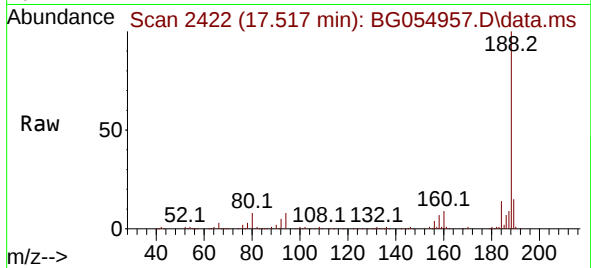




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.517 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

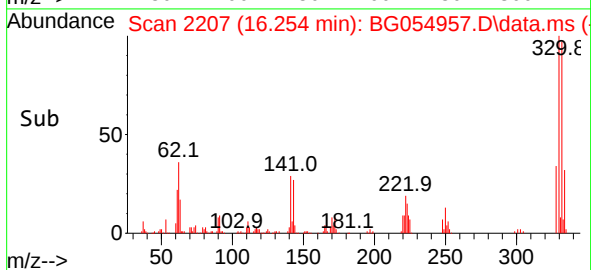
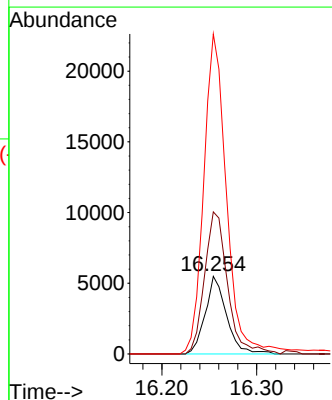
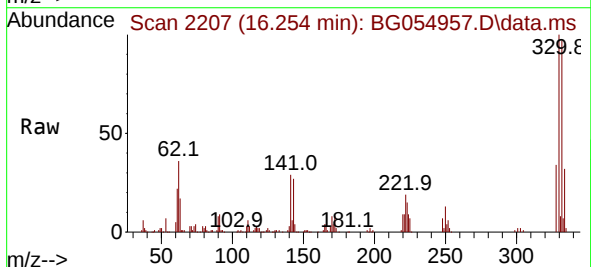
Instrument :
BNA_G
ClientSampleId :
72-11930

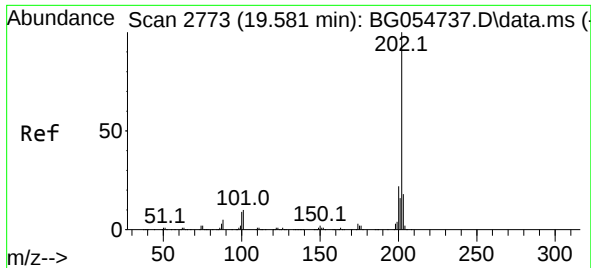
Tgt Ion:188 Resp: 255746
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.053 ng
RT: 16.254 min Scan# 2207
Delta R.T. -0.447 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion:248 Resp: 8572
Ion Ratio Lower Upper
248 100
250 182.9 78.8 118.2#
141 412.1 51.9 77.9#

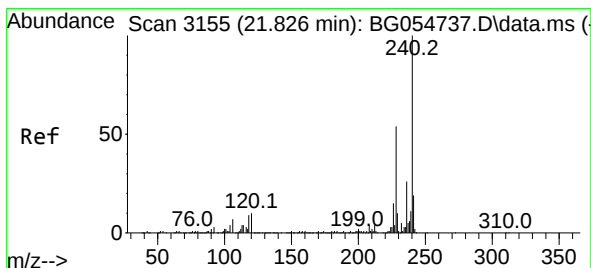
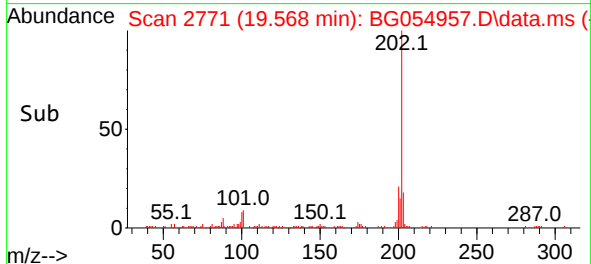
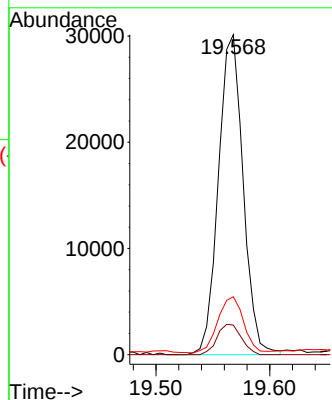
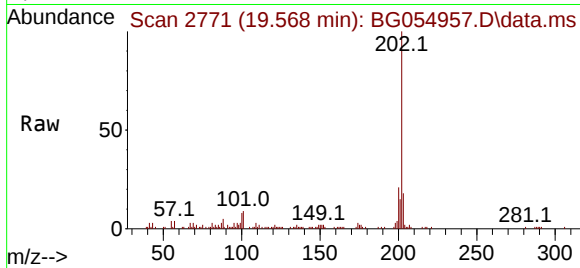




#75
Fluoranthene
Concen: 2.749 ng
RT: 19.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

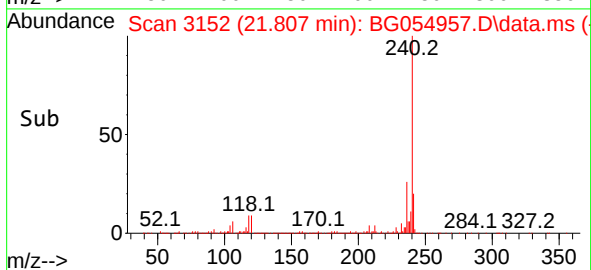
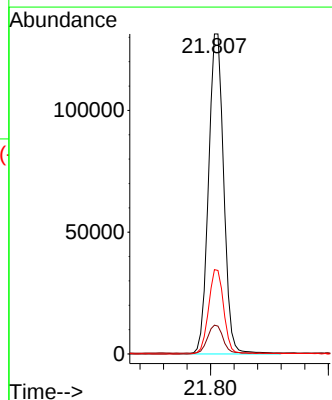
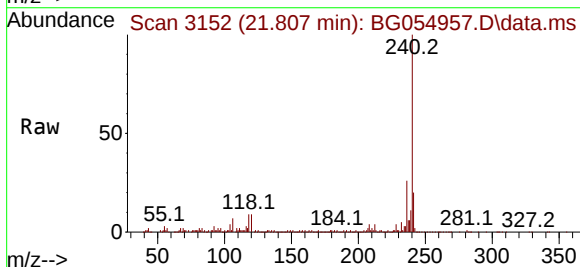
Instrument :
BNA_G
ClientSampleId :
72-11930

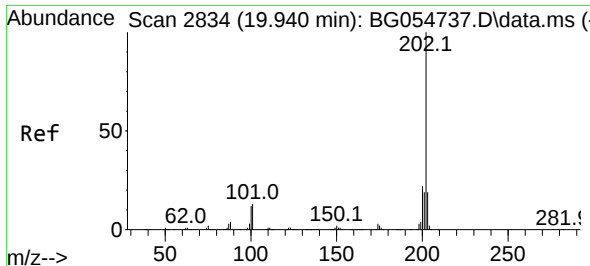
Tgt Ion:	202	Resp:	45566
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	31.4
203	18.1	0.0	38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion:	240	Resp:	235520
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.2	12.4
236	26.3	21.2	31.8

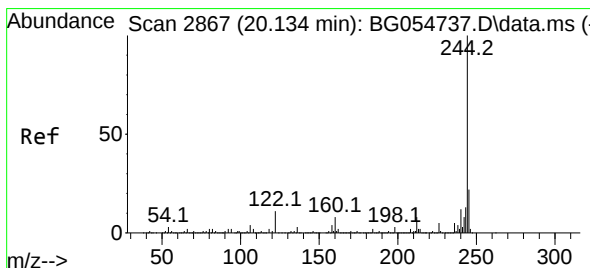
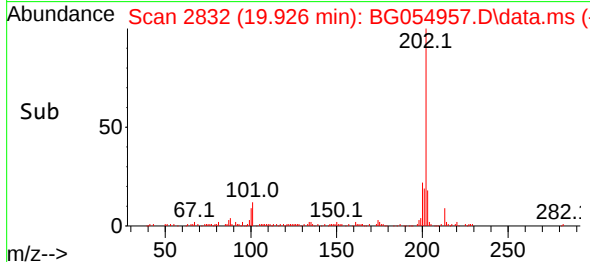
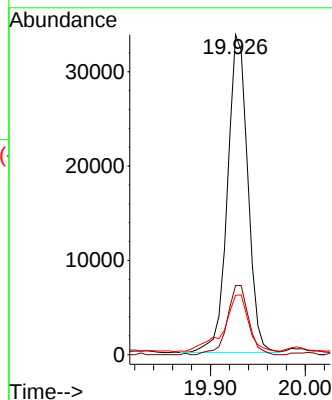
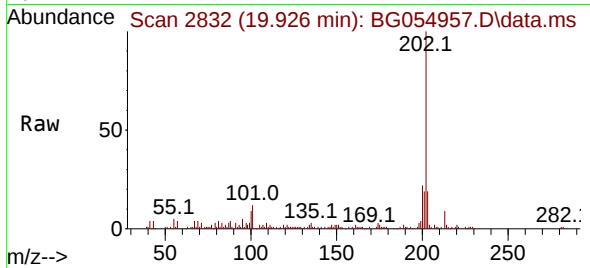




#78
 Pyrene
 Concen: 3.046 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054957.D
 Acq: 15 Sep 2022 15:32

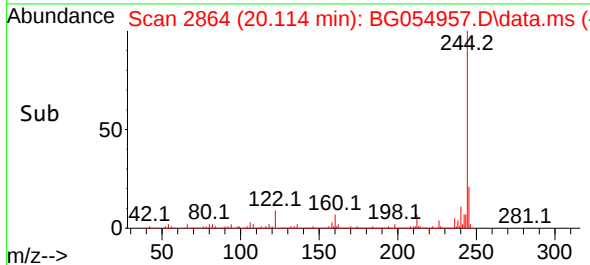
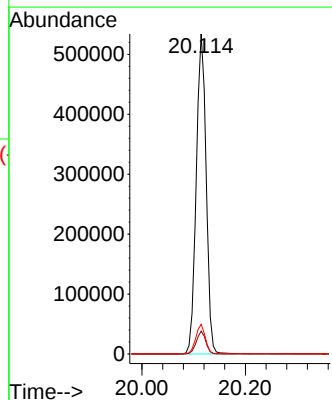
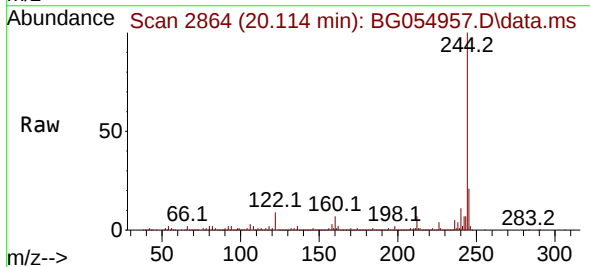
Instrument :
 BNA_G
 ClientSampleId :
 72-11930

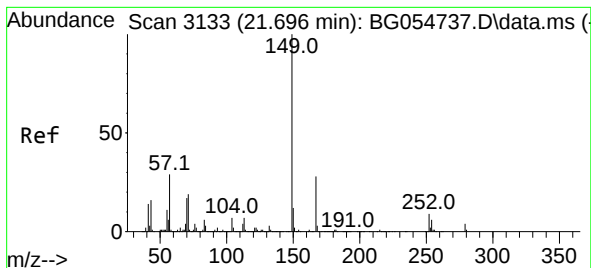
Tgt Ion:202 Resp: 50020
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.8 26.6
 203 18.5 14.6 21.8



#79
 Terphenyl-d14
 Concen: 59.824 ng
 RT: 20.114 min Scan# 2864
 Delta R.T. -0.006 min
 Lab File: BG054957.D
 Acq: 15 Sep 2022 15:32

Tgt Ion:244 Resp: 711100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.2 9.0 13.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.576 ng

RT: 21.660 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

Instrument :

BNA_G

ClientSampleId :

72-11930

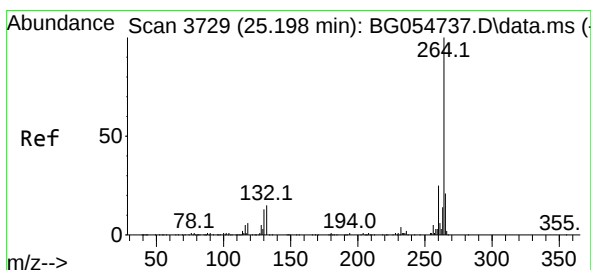
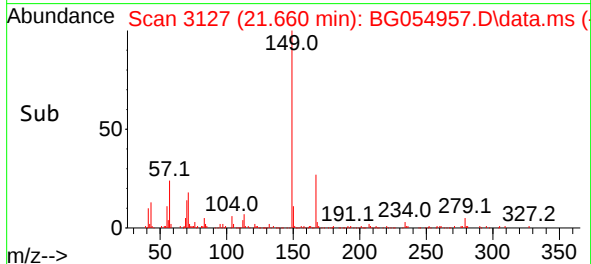
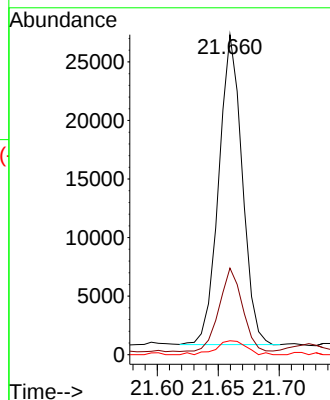
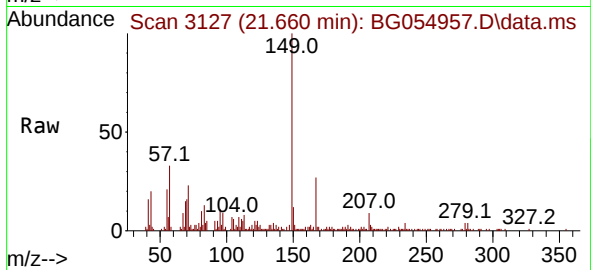
Tgt Ion:149 Resp: 35292

Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.4 3.1 4.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.185 min Scan# 3727

Delta R.T. -0.000 min

Lab File: BG054957.D

Acq: 15 Sep 2022 15:32

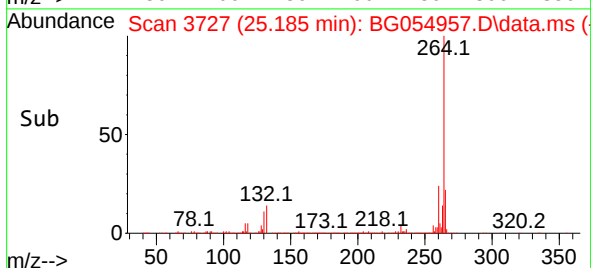
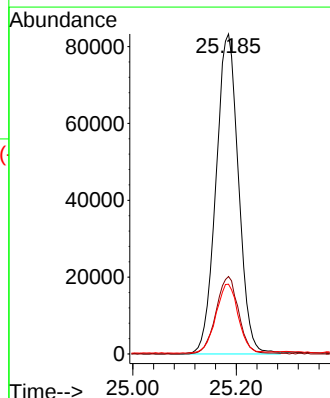
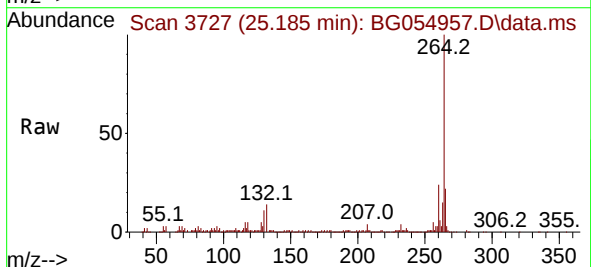
Tgt Ion:264 Resp: 251395

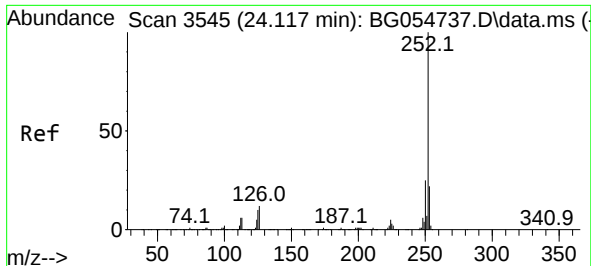
Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.8 16.9 25.3

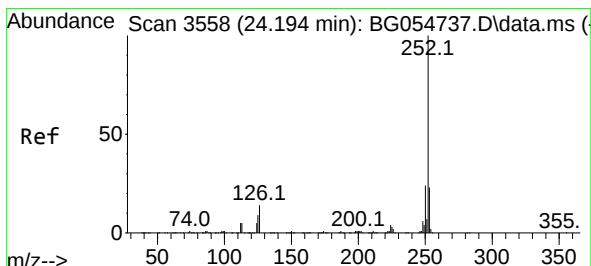
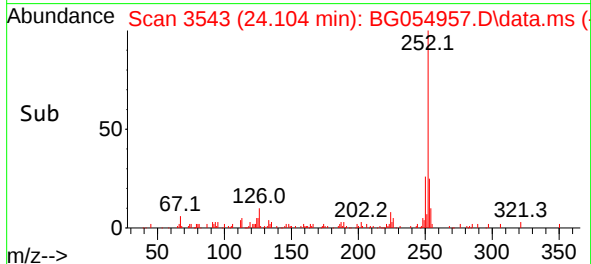
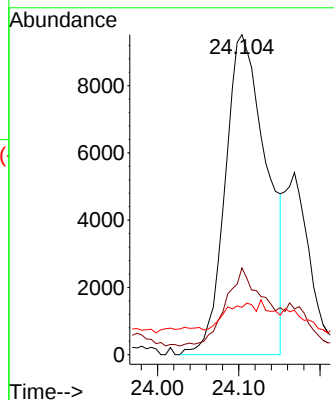
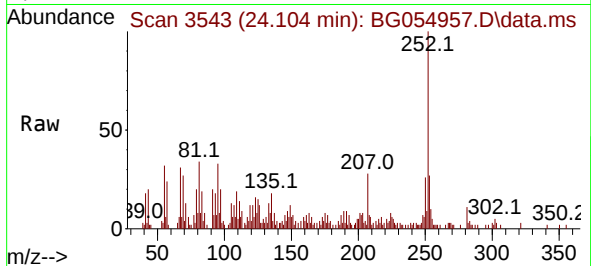




#88
Benzo(b)fluoranthene
Concen: 2.138 ng
RT: 24.104 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Instrument :
BNA_G
ClientSampleId :
72-11930

Tgt Ion:252 Resp: 33709
Ion Ratio Lower Upper
252 100
253 27.1 18.0 27.0#
125 14.8 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.124 ng
RT: 24.104 min Scan# 3543
Delta R.T. -0.077 min
Lab File: BG054957.D
Acq: 15 Sep 2022 15:32

Tgt Ion:252 Resp: 33709
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 14.8 8.2 12.4#

