

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055929.D
 Acq On : 8 Dec 2022 16:01
 Operator : CG/JU
 Sample : N5897-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE

Quant Time: Dec 09 08:10:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

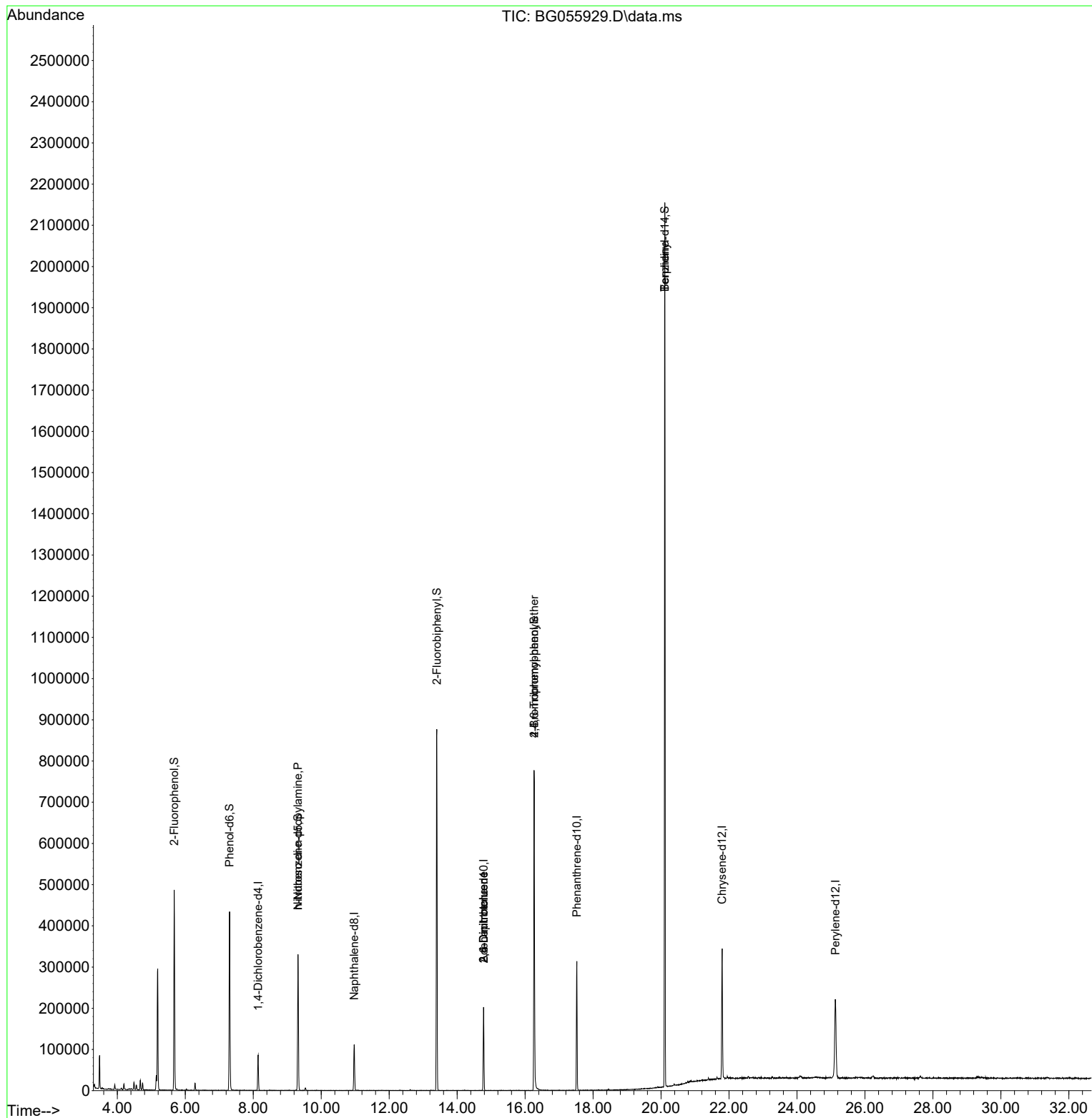
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	24325	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	95493	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	72109	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	199893	20.000	ng	0.00
76) Chrysene-d12	21.797	240	192298	20.000	ng	0.00
86) Perylene-d12	25.128	264	215751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	199230	148.042	ng	0.00
7) Phenol-d6	7.302	99	233239	130.197	ng	0.00
23) Nitrobenzene-d5	9.317	82	184248	101.980	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	177508	174.818	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	465647	96.742	ng	0.00
79) Terphenyl-d14	20.111	244	1039935	108.166	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.317	70	25473	18.507	ng	Qvalue
51) 2,6-Dinitrotoluene	14.776	165	9139	7.776	ng	# 80
57) 2,4-Dinitrotoluene	14.776	165	9139	5.515	ng	# 24
67) 4-Bromophenyl-phenylether	16.268	248	11030	4.843	ng	# 22
77) Benzidine	20.111	184	16945	3.809	ng	# 1

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

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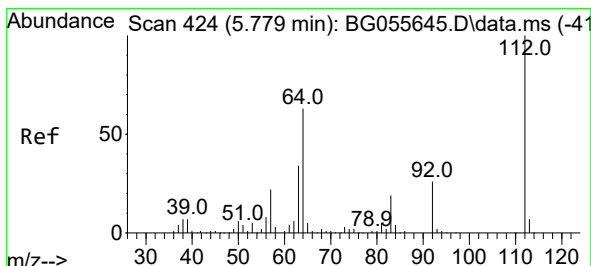
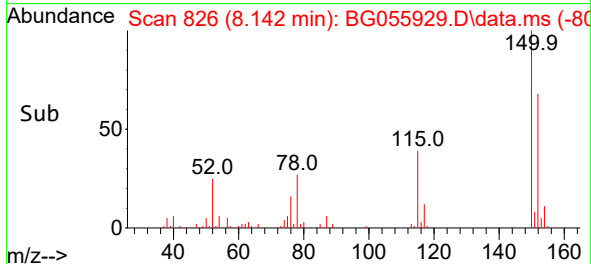
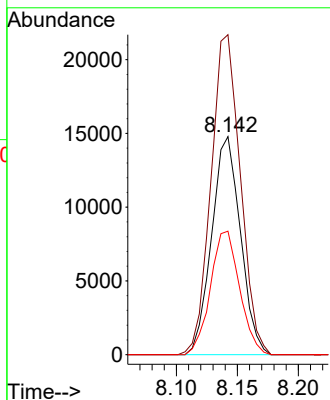
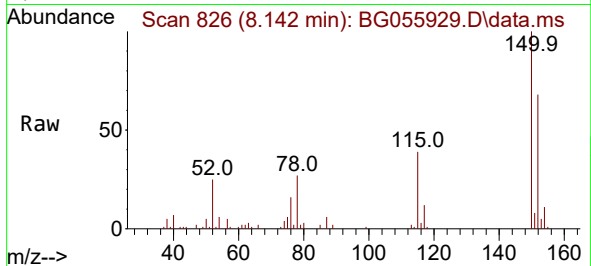




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

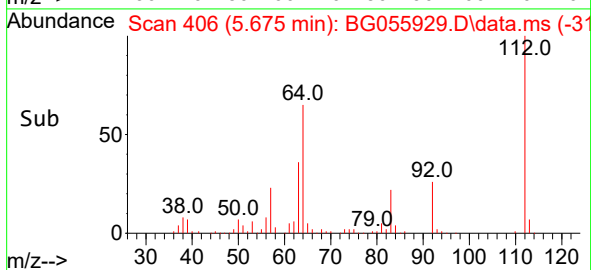
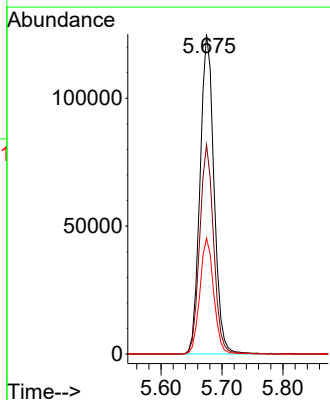
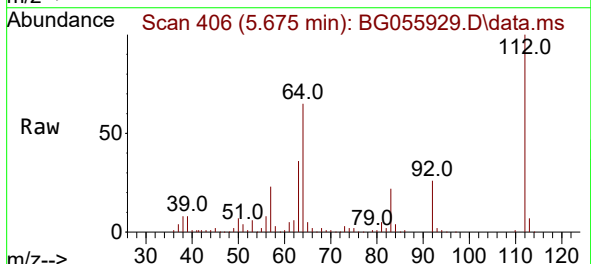
Instrument :
BNA_G
ClientSampleId :
COMPOSITE

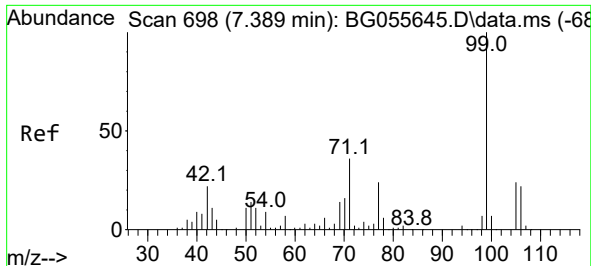
Tgt Ion:152 Resp: 24325
Ion Ratio Lower Upper
152 100
150 146.8 123.0 184.6
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 148.042 ng
RT: 5.675 min Scan# 406
Delta R.T. 0.002 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion:112 Resp: 199230
Ion Ratio Lower Upper
112 100
64 65.4 50.6 76.0
63 36.2 27.5 41.3

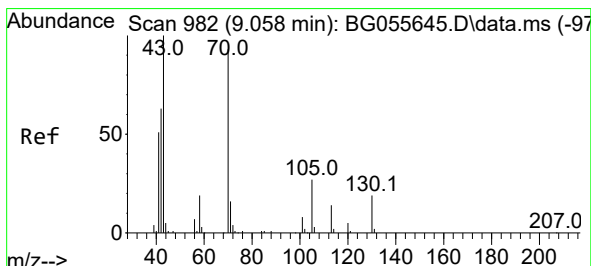
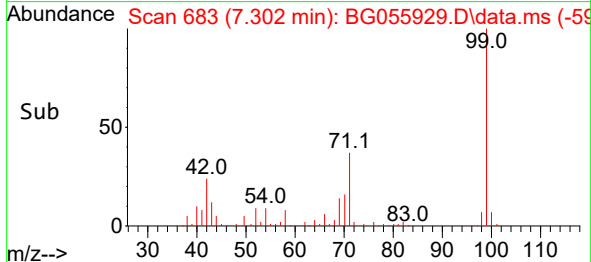
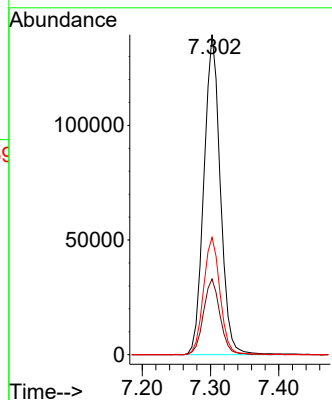
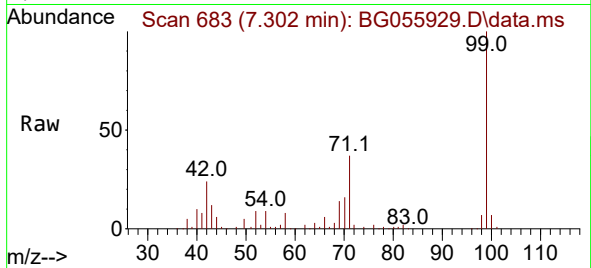




#7
Phenol-d6
Concen: 130.197 ng
RT: 7.302 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

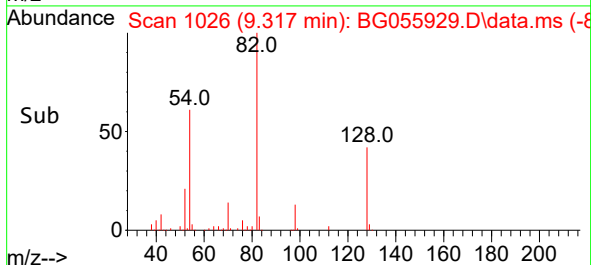
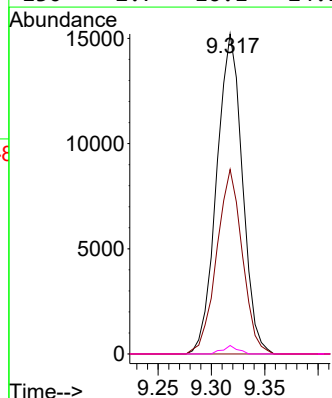
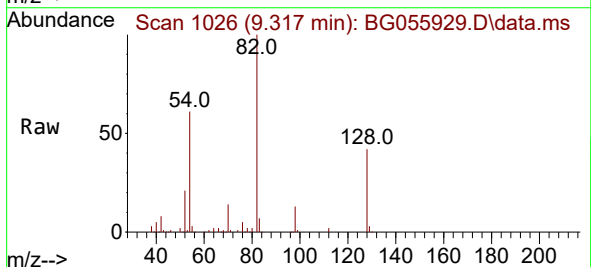
Instrument :
BNA_G
ClientSampleId :
COMPOSITE

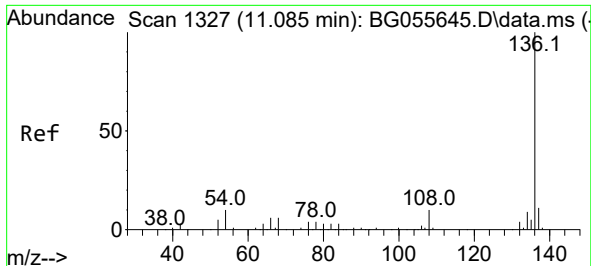
Tgt Ion: 99 Resp: 233239
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 36.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.507 ng
RT: 9.317 min Scan# 1026
Delta R.T. 0.366 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion: 70 Resp: 25473
Ion Ratio Lower Upper
70 100
42 57.6 55.2 82.8
101 0.0 7.1 10.7#
130 2.7 16.1 24.1#

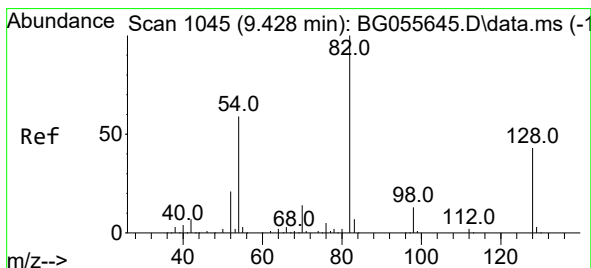
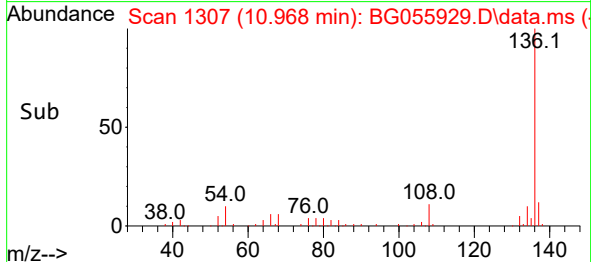
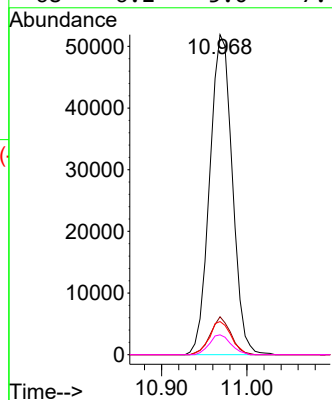
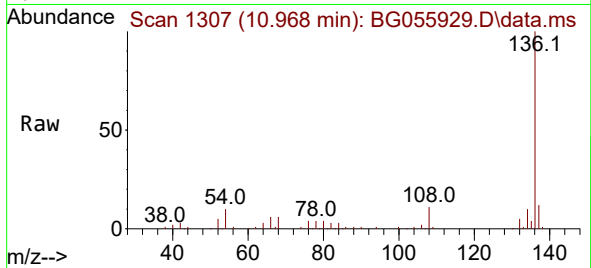




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

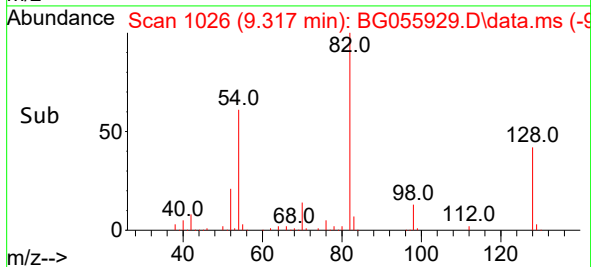
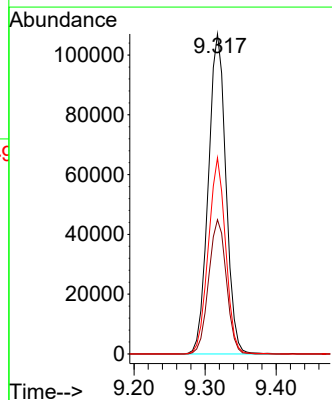
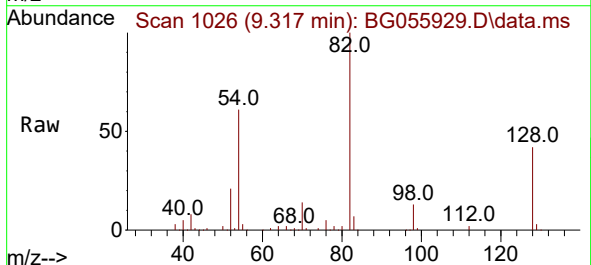
Instrument :
BNA_G
ClientSampleId :
COMPOSITE

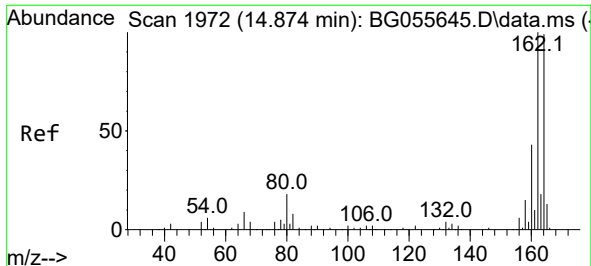
Tgt Ion:	136	Resp:	95493
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	10.4	7.8	11.6
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 101.980 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion:	82	Resp:	184248
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.1	51.1
54	61.3	47.3	70.9

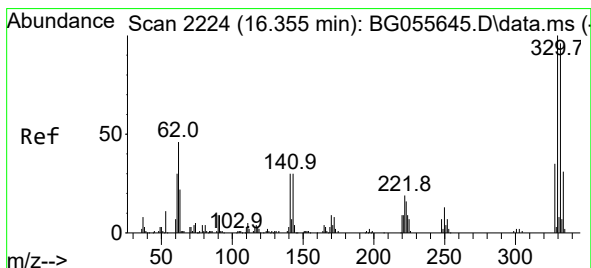
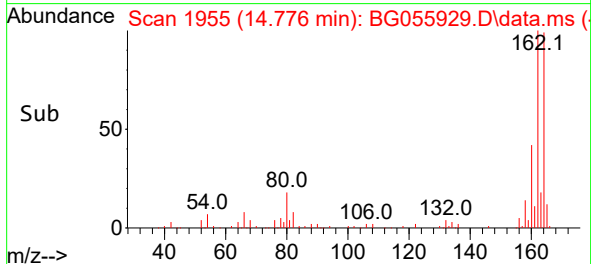
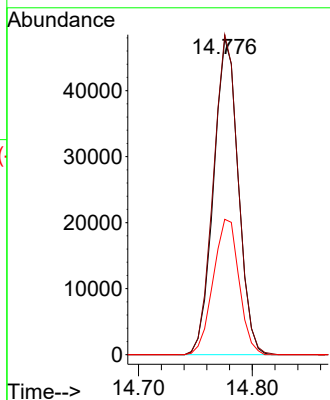
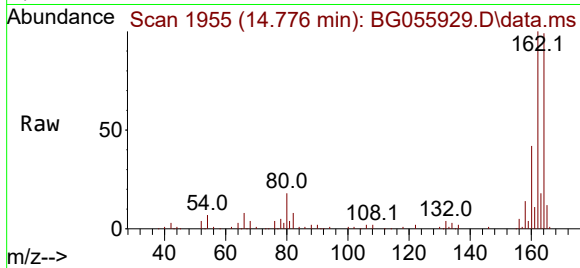




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

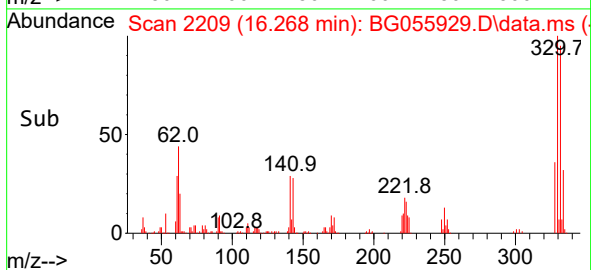
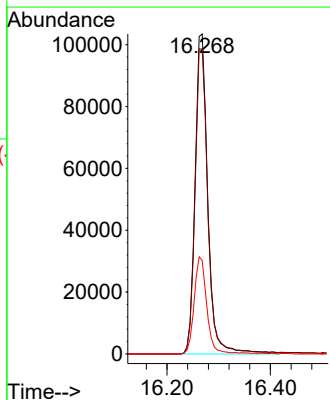
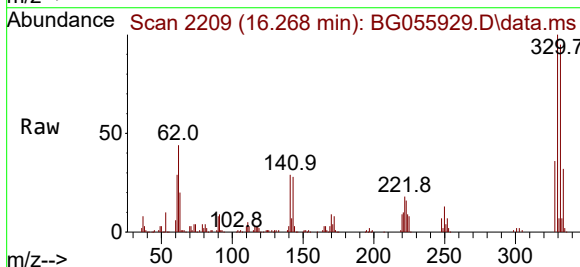
Instrument :
BNA_G
ClientSampleId :
COMPOSITE

Tgt Ion:164 Resp: 72109
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 42.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 174.818 ng
RT: 16.268 min Scan# 2209
Delta R.T. 0.002 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion:330 Resp: 177508
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 30.1 23.9 35.9

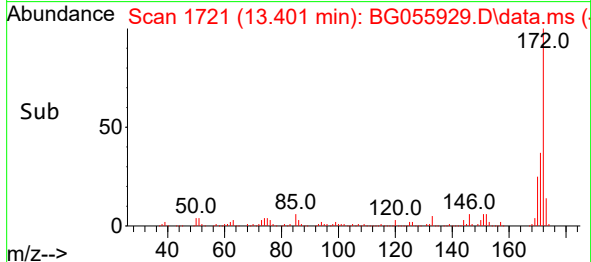
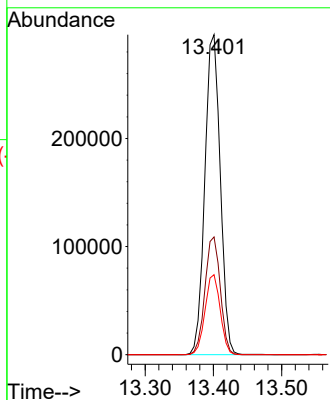
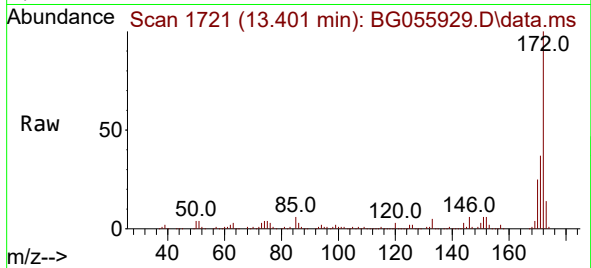




#45
2-Fluorobiphenyl
Concen: 96.742 ng
RT: 13.401 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

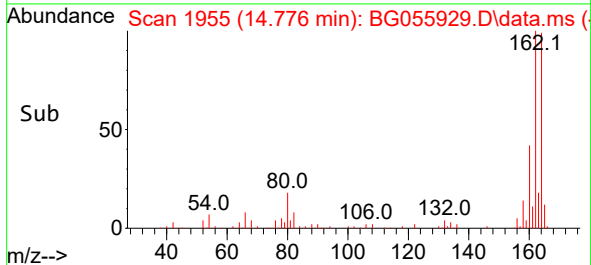
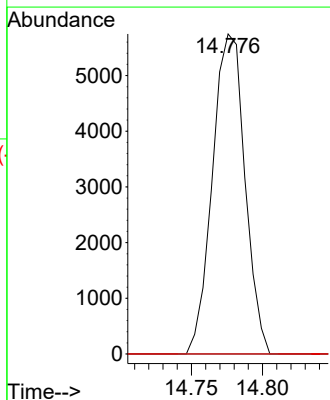
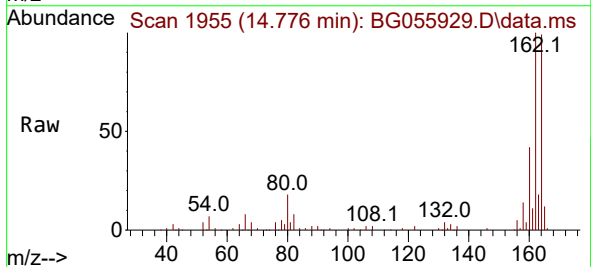
Instrument :
BNA_G
ClientSampleId :
COMPOSITE

Tgt Ion:172 Resp: 465647
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 14.776 min Scan# 1955
Delta R.T. 0.419 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion:165 Resp: 9139
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.515 ng

RT: 14.776 min Scan# 1955

Delta R.T. -0.368 min

Lab File: BG055929.D

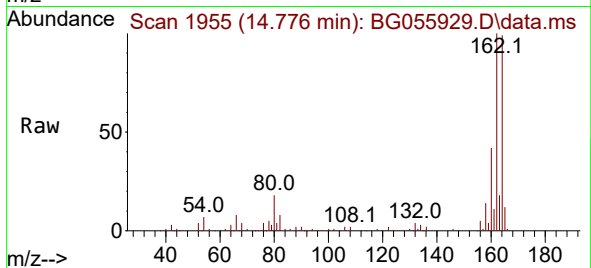
Acq: 8 Dec 2022 16:01

Instrument :

BNA_G

ClientSampleId :

COMPOSITE



Tgt Ion:165 Resp: 9139

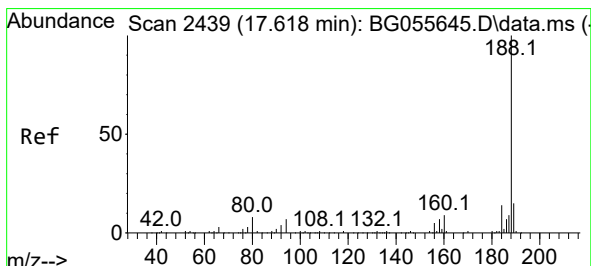
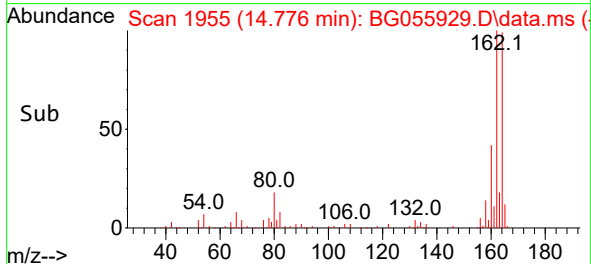
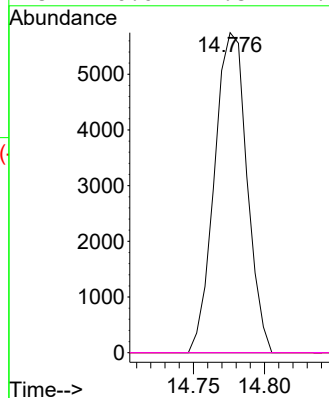
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.520 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG055929.D

Acq: 8 Dec 2022 16:01

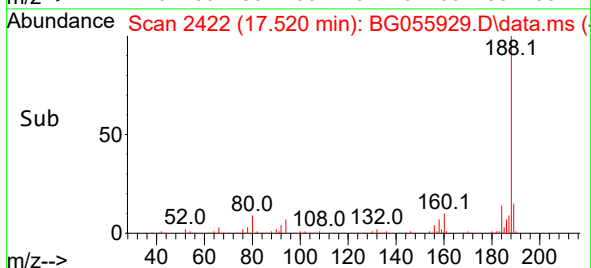
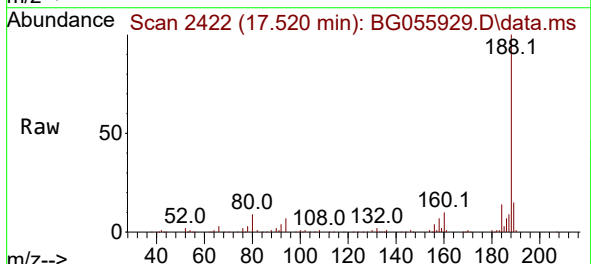
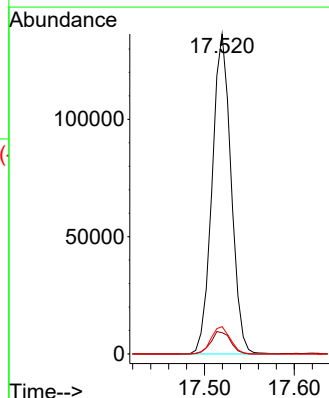
Tgt Ion:188 Resp: 199893

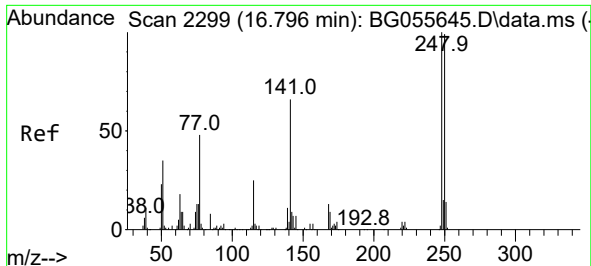
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.6 6.6 10.0

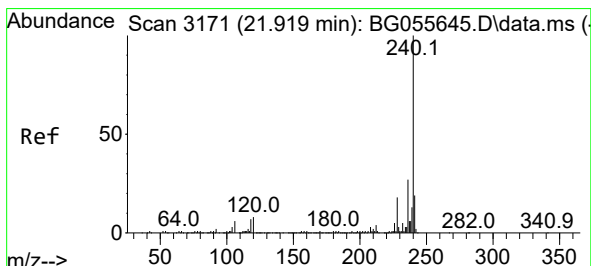
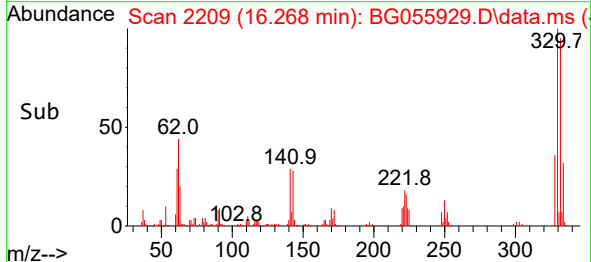
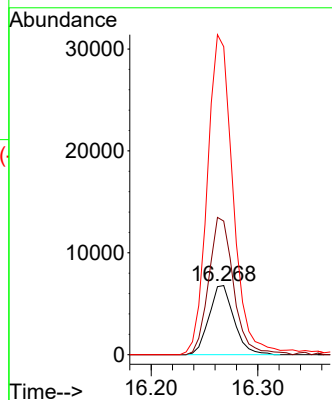
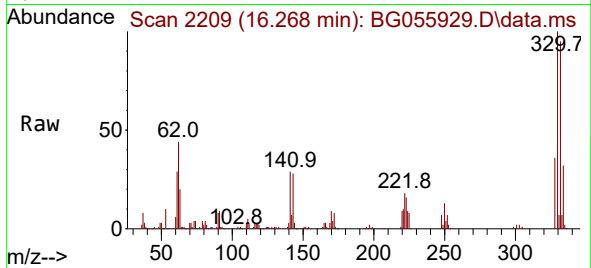




#67
4-Bromophenyl-phenylether
Concen: 4.843 ng
RT: 16.268 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

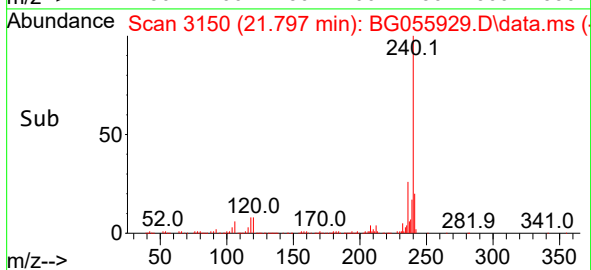
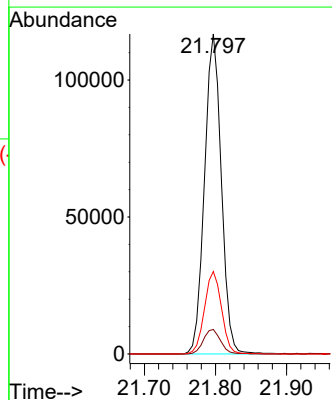
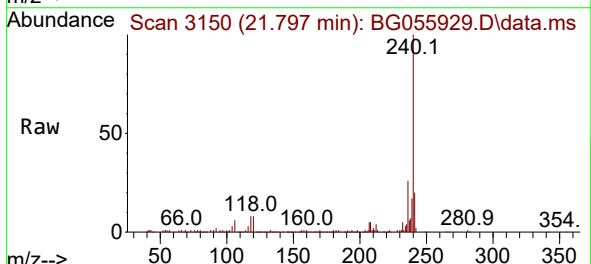
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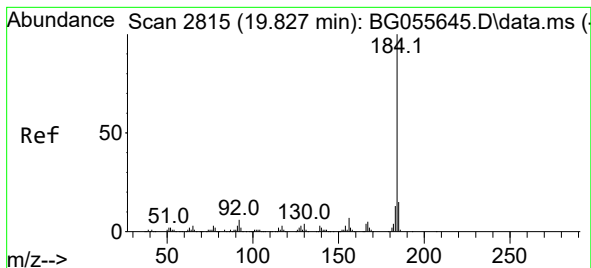
Tgt Ion:248 Resp: 11030
Ion Ratio Lower Upper
248 100
250 193.3 79.0 118.4#
141 445.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.797 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Tgt Ion:240 Resp: 192298
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.7 21.9 32.9





#77

Benzidine

Concen: 3.809 ng

RT: 20.111 min Scan# 2863

Delta R.T. 0.372 min

Lab File: BG055929.D

Acq: 8 Dec 2022 16:01

Instrument :

BNA_G

ClientSampleId :

COMPOSITE

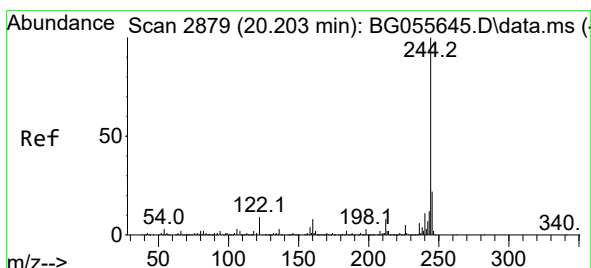
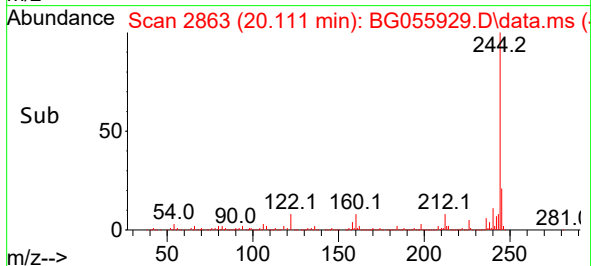
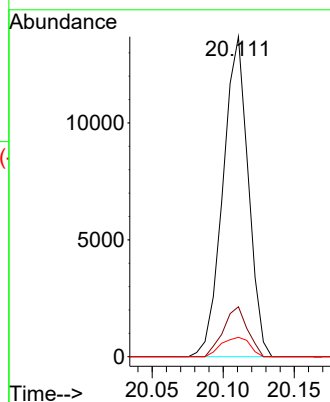
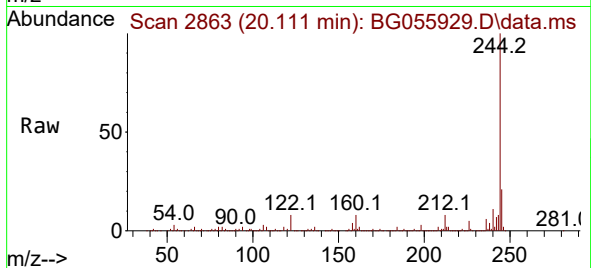
Tgt Ion:184 Resp: 16945

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

183 6.1 10.6 15.8#



#79

Terphenyl-d14

Concen: 108.166 ng

RT: 20.111 min Scan# 2863

Delta R.T. 0.002 min

Lab File: BG055929.D

Acq: 8 Dec 2022 16:01

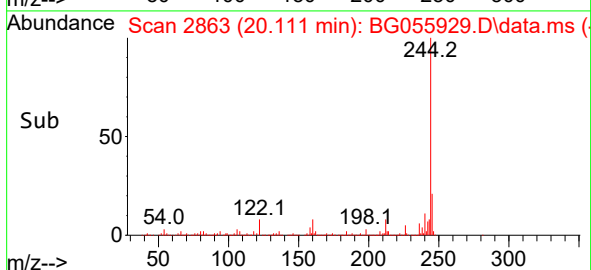
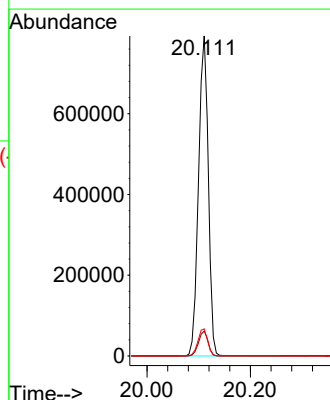
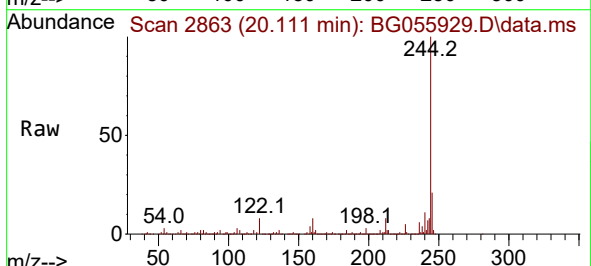
Tgt Ion:244 Resp: 1039935

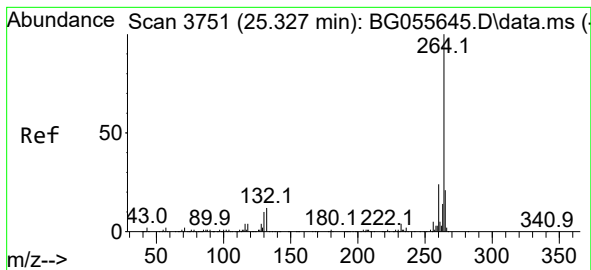
Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.4 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.128 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055929.D
Acq: 8 Dec 2022 16:01

Instrument :
BNA_G
ClientSampleId :
COMPOSITE

Tgt Ion:264 Resp: 215751

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.1	17.1	25.7

