

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055927.D
 Acq On : 8 Dec 2022 14:25
 Operator : CG/JU
 Sample : PB149440TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149440TB

Quant Time: Dec 09 08:09:42 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)

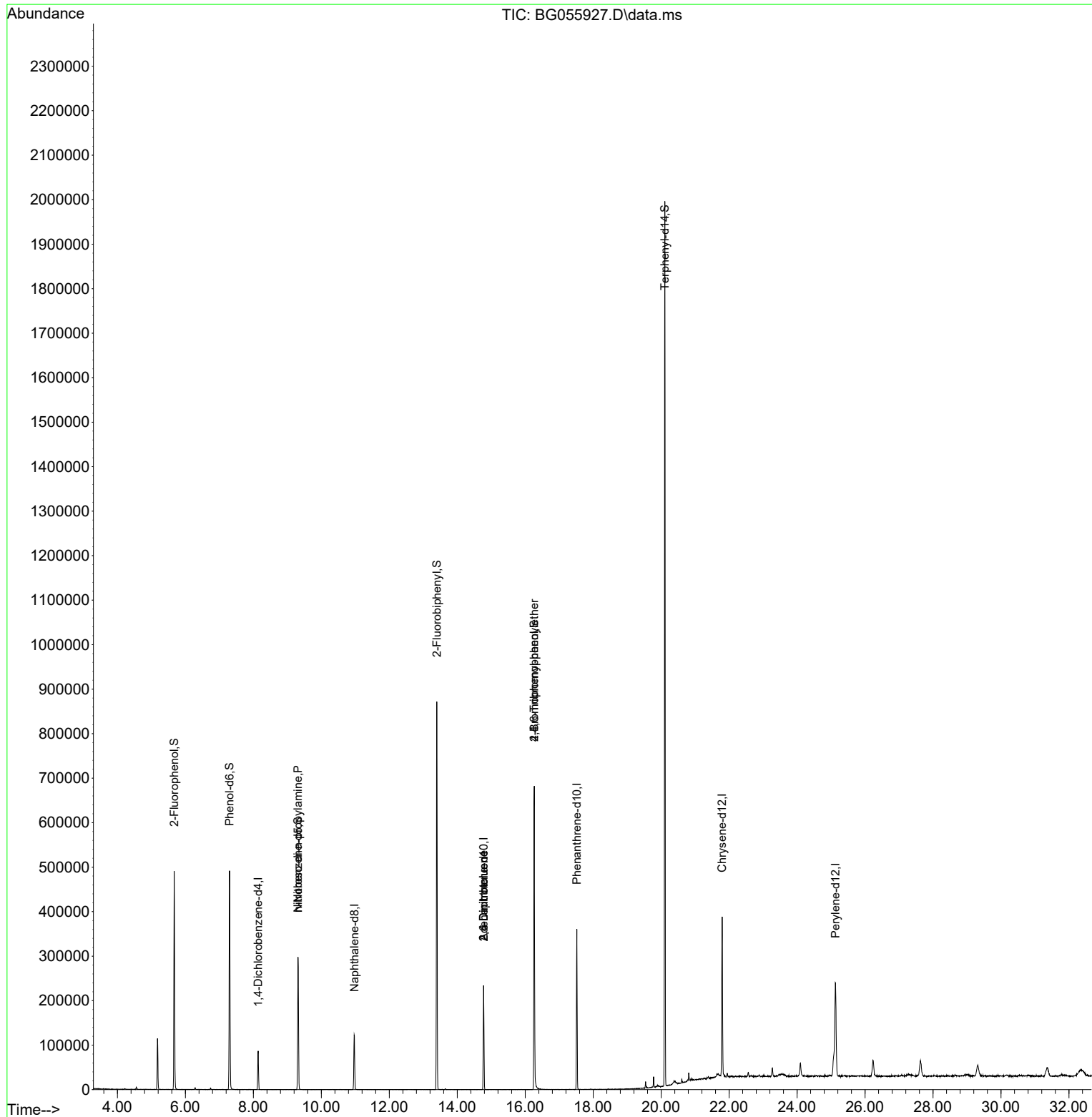
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	24303	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	107051	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	84862	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	221153	20.000	ng	0.00
76) Chrysene-d12	21.796	240	219133	20.000	ng	0.00
86) Perylene-d12	25.127	264	228207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	201954	150.202	ng	0.00
7) Phenol-d6	7.301	99	264404	147.727	ng	0.00
23) Nitrobenzene-d5	9.316	82	170040	83.955	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	150924	126.300	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	448888	79.245	ng	0.00
79) Terphenyl-d14	20.109	244	966413	88.209	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.316	70	22906	16.657	ng	Qvalue # 79
51) 2,6-Dinitrotoluene	14.774	165	11063	7.998	ng	# 24
57) 2,4-Dinitrotoluene	14.774	165	11063	5.673	ng	# 22
67) 4-Bromophenyl-phenylether	16.267	248	9392	3.727	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055927.D
Acq On : 8 Dec 2022 14:25
Operator : CG/JU
Sample : PB149440TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149440TB

Quant Time: Dec 09 08:09:42 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

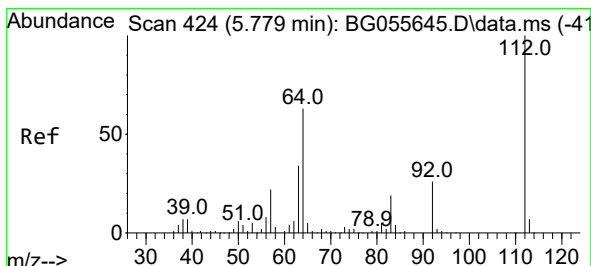
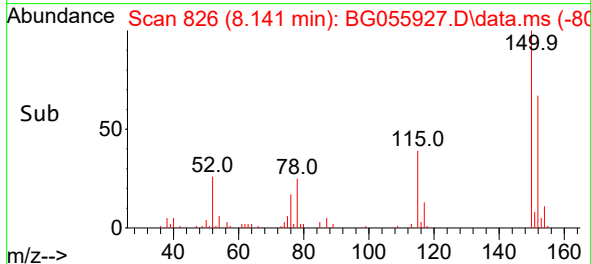
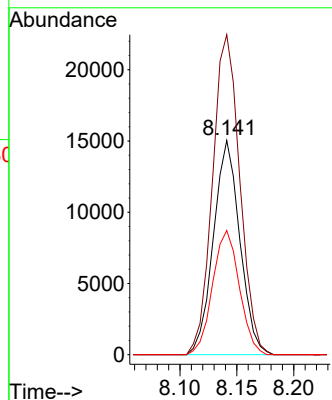
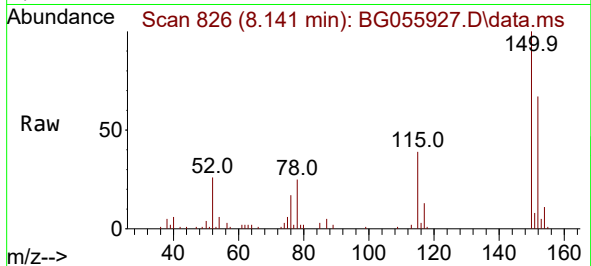




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

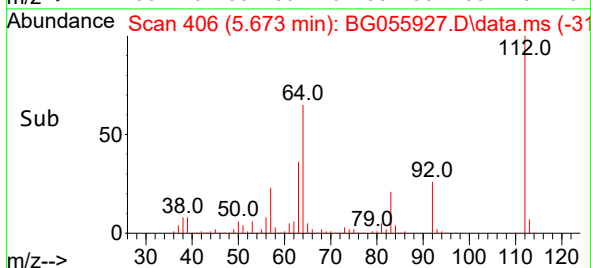
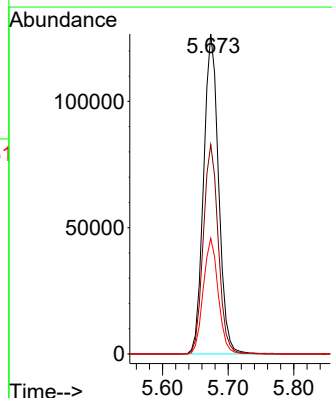
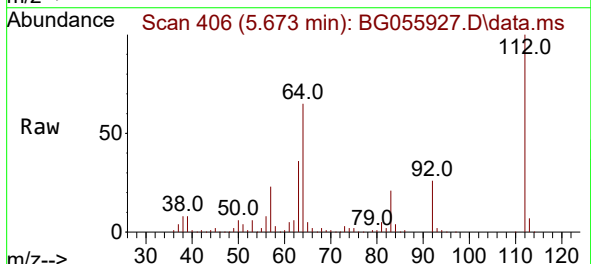
Instrument :
BNA_G
ClientSampleId :
PB149440TB

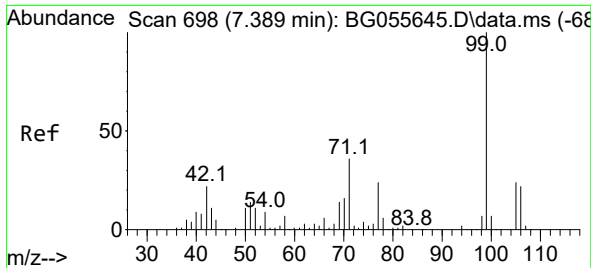
Tgt Ion:152 Resp: 24303
Ion Ratio Lower Upper
152 100
150 149.4 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 150.202 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Tgt Ion:112 Resp: 201954
Ion Ratio Lower Upper
112 100
64 65.4 50.6 76.0
63 36.2 27.5 41.3

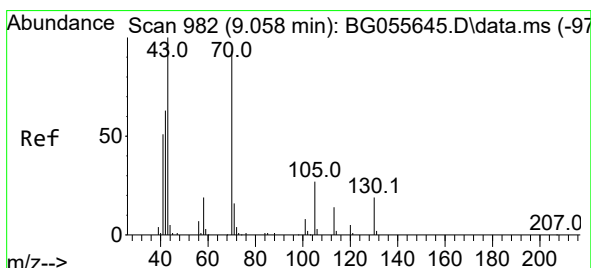
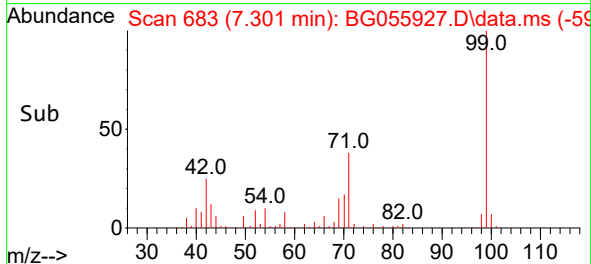
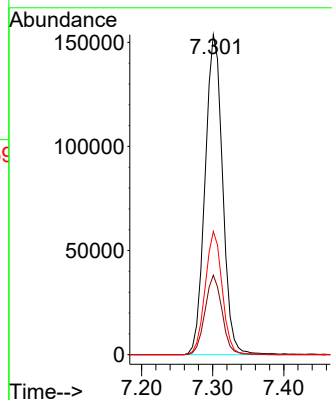
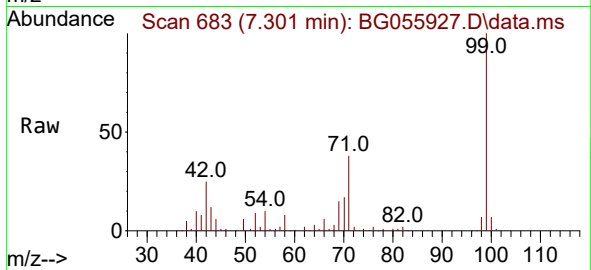




#7
Phenol-d6
Concen: 147.727 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

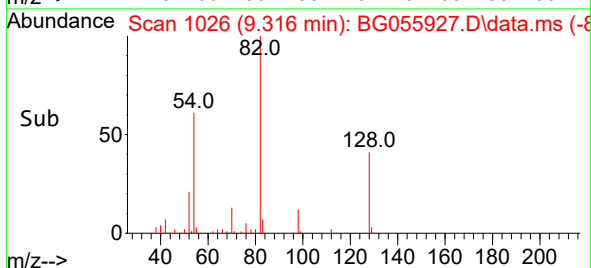
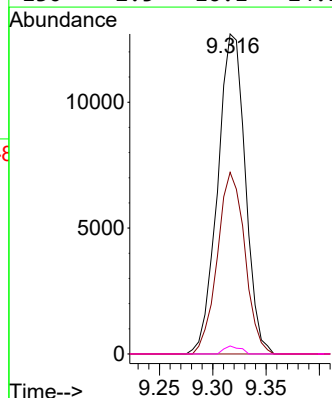
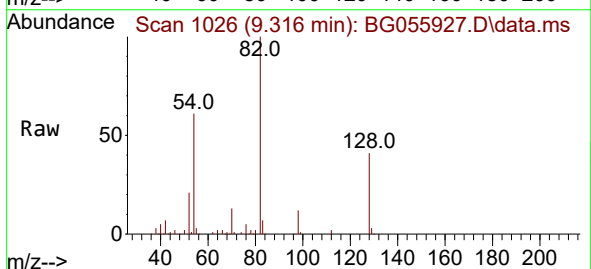
Instrument :
BNA_G
ClientSampleId :
PB149440TB

Tgt Ion: 99 Resp: 264404
Ion Ratio Lower Upper
99 100
42 24.8 18.0 27.0
71 38.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.657 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Tgt Ion: 70 Resp: 22906
Ion Ratio Lower Upper
70 100
42 56.8 55.2 82.8
101 0.0 7.1 10.7#
130 2.5 16.1 24.1#

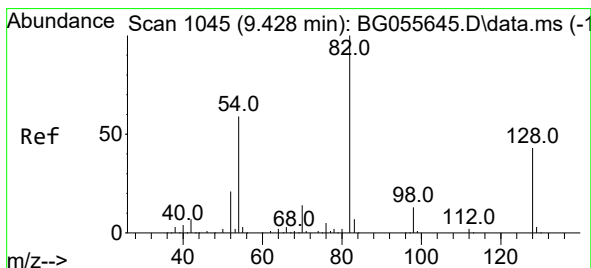
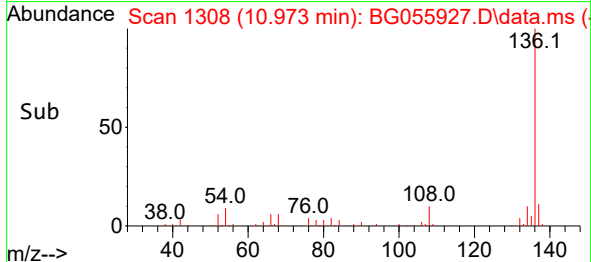
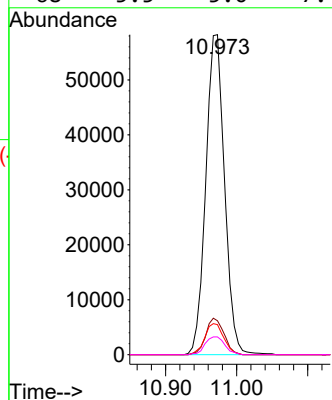
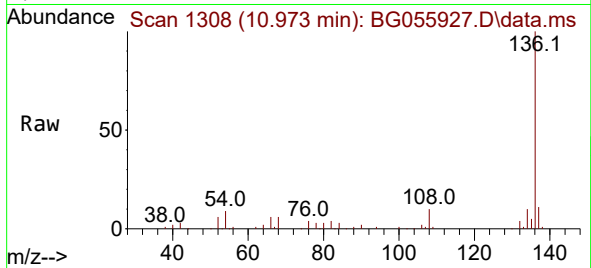




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

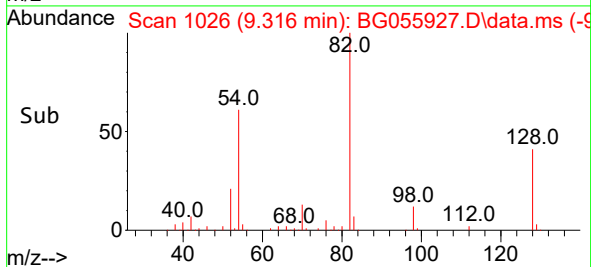
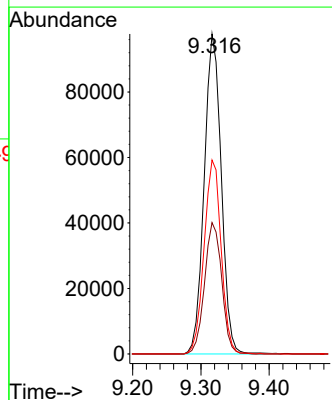
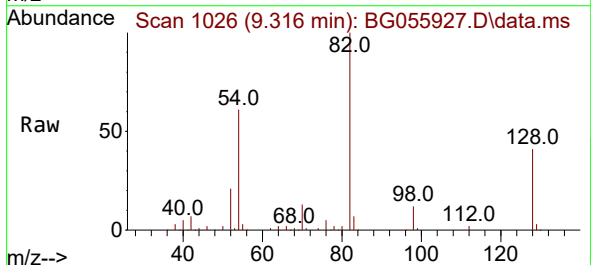
Instrument :
BNA_G
ClientSampleId :
PB149440TB

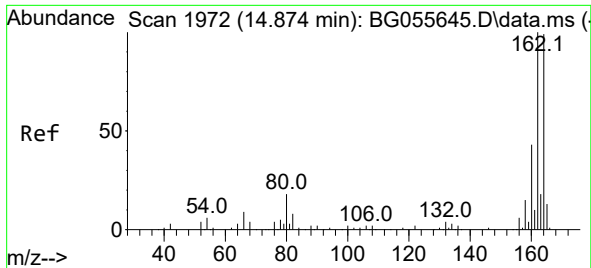
Tgt Ion:136 Resp: 107051
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.4 7.8 11.6
68 5.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 83.955 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

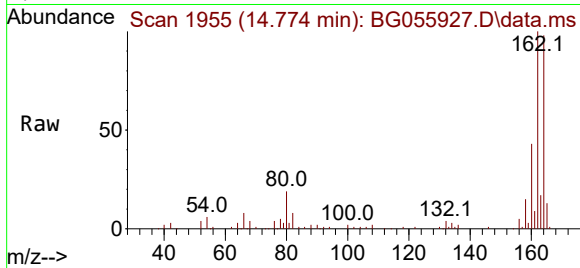
Tgt Ion: 82 Resp: 170040
Ion Ratio Lower Upper
82 100
128 41.1 34.1 51.1
54 60.6 47.3 70.9



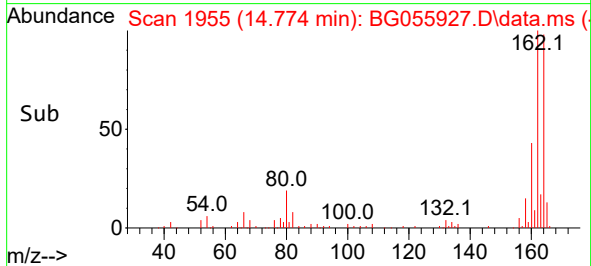
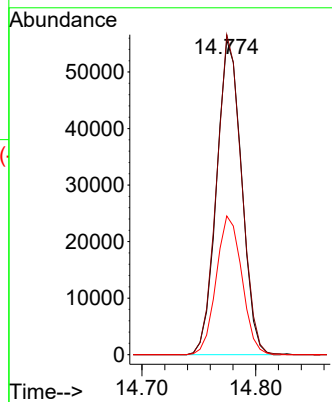


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Instrument :
BNA_G
ClientSampleId :
PB149440TB

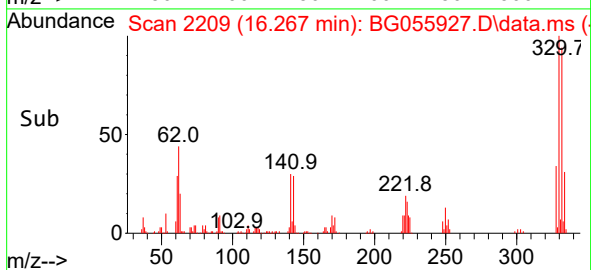
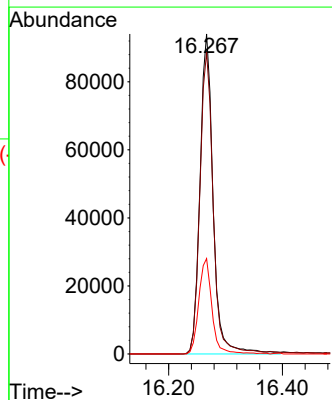
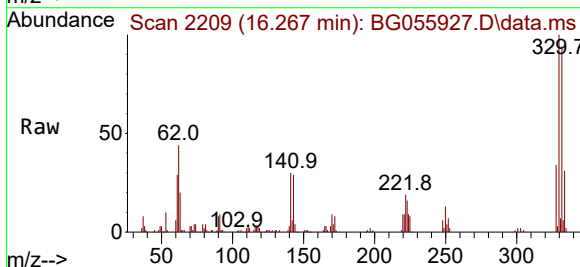


Tgt Ion:164 Resp: 84862
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 44.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 126.300 ng
RT: 16.267 min Scan# 2209
Delta R.T. 0.001 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Tgt Ion:330 Resp: 150924
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 29.9 23.9 35.9

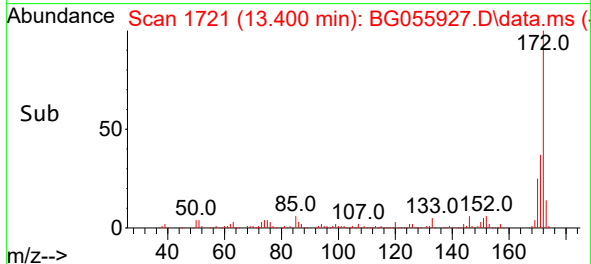
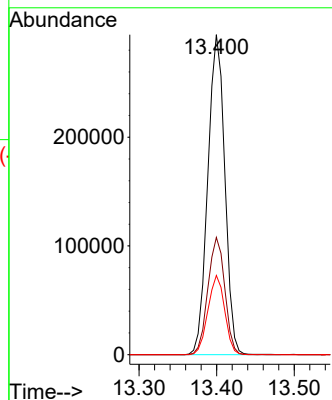
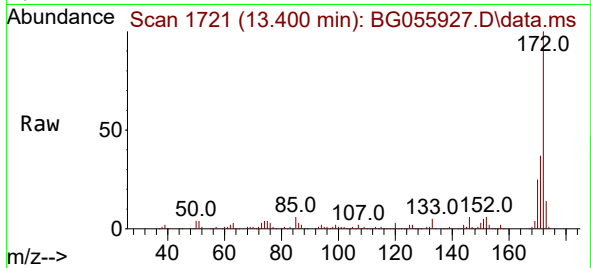




#45
2-Fluorobiphenyl
Concen: 79.245 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

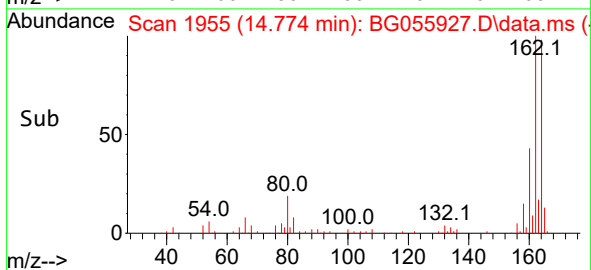
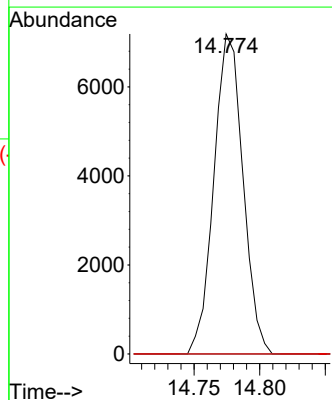
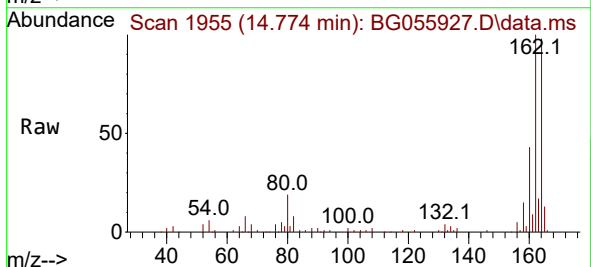
Instrument :
BNA_G
ClientSampleId :
PB149440TB

Tgt Ion:172 Resp: 448888
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.8 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Tgt Ion:165 Resp: 11063
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: 5.673 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG055927.D

Acq: 8 Dec 2022 14:25

Instrument :

BNA_G

ClientSampleId :

PB149440TB

Tgt Ion:165 Resp: 11063

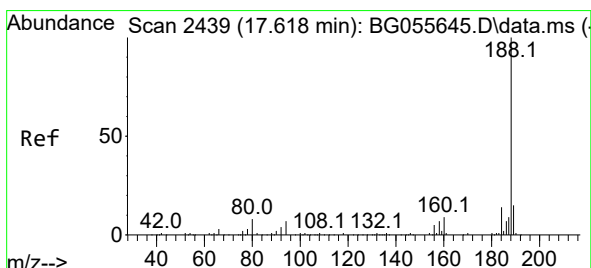
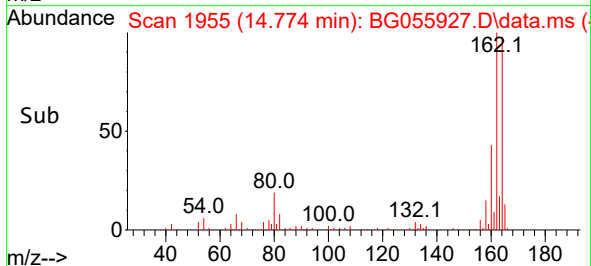
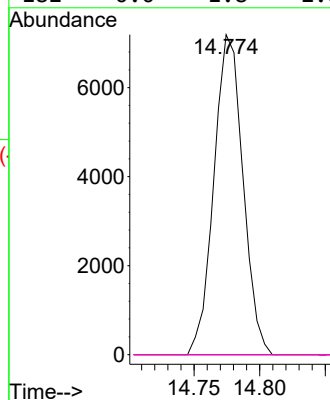
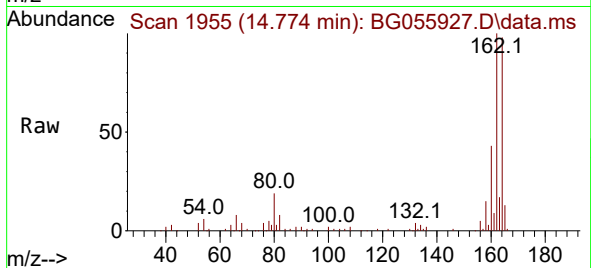
Ion Ratio Lower Upper

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: 17.518 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG055927.D

Acq: 8 Dec 2022 14:25

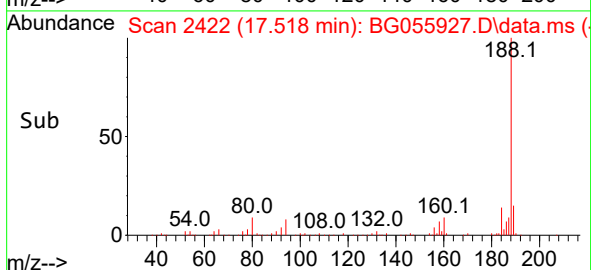
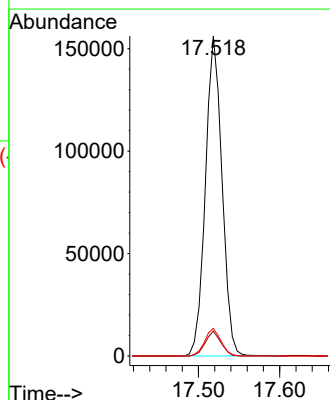
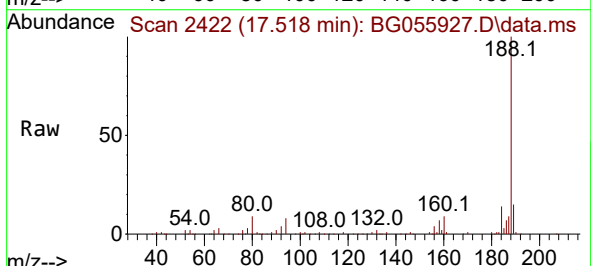
Tgt Ion:188 Resp: 221153

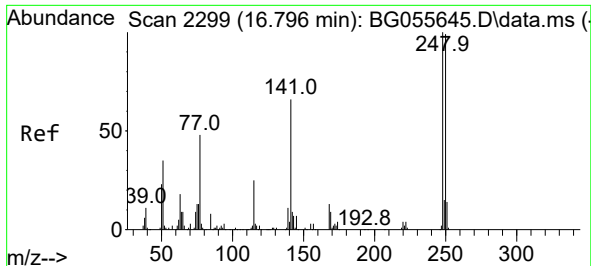
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.2

80 8.6 6.6 10.0

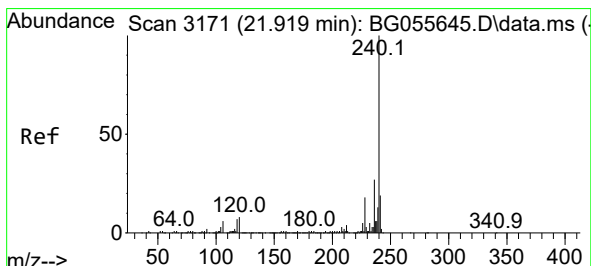
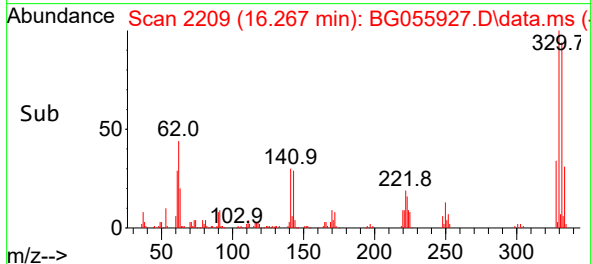
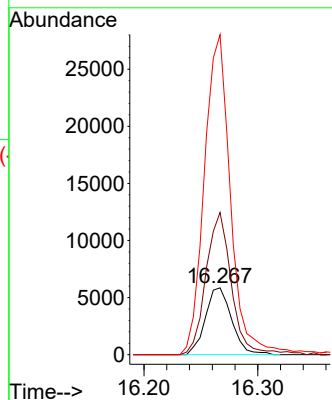
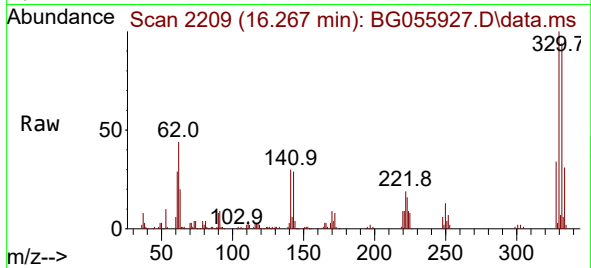




#67
4-Bromophenyl-phenylether
Concen: 3.727 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

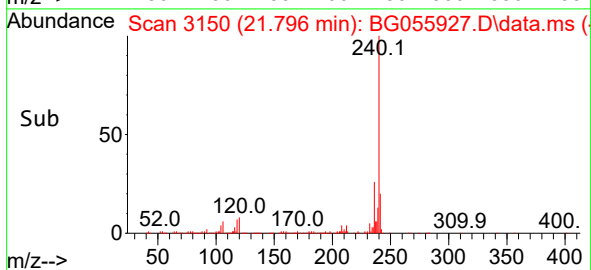
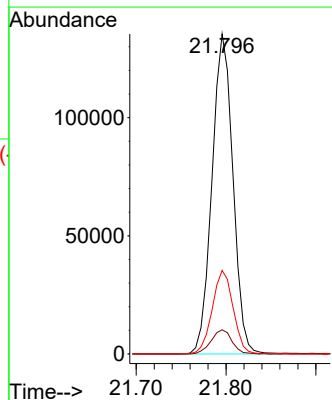
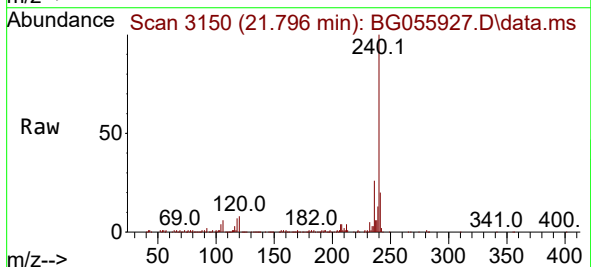
Instrument :
BNA_G
ClientSampleId :
PB149440TB

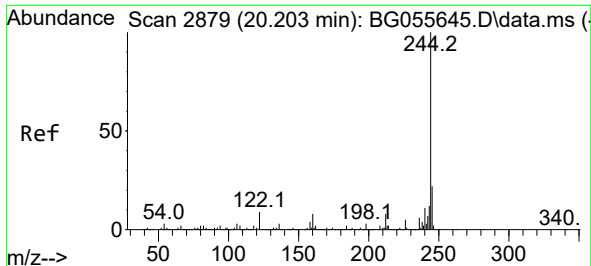
Tgt Ion:248 Resp: 9392
Ion Ratio Lower Upper
248 100
250 212.9 79.0 118.4#
141 478.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.796 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG055927.D
Acq: 8 Dec 2022 14:25

Tgt Ion:240 Resp: 219133
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.1 21.9 32.9

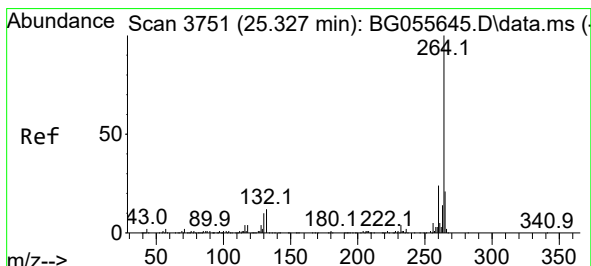
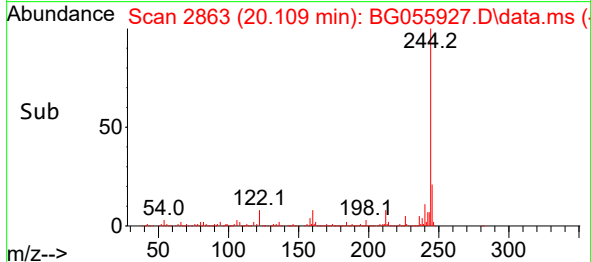
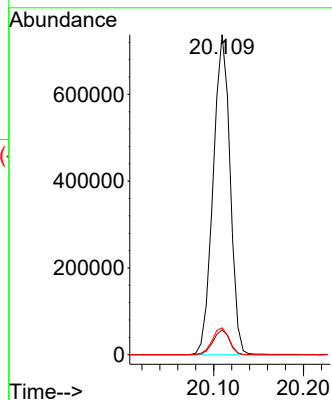
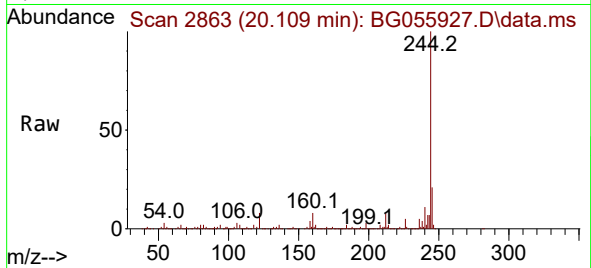




#79
 Terphenyl-d14
 Concen: 88.209 ng
 RT: 20.109 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055927.D
 Acq: 8 Dec 2022 14:25

Instrument :
 BNA_G
 ClientSampleId :
 PB149440TB

Tgt Ion:244 Resp: 966413
 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: 25.127 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG055927.D
 Acq: 8 Dec 2022 14:25

Tgt Ion:264 Resp: 228207
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.1 25.7

