

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055928.D
 Acq On : 8 Dec 2022 15:20
 Operator : CG/JU
 Sample : N5868-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-0

Quant Time: Dec 09 08:09:55 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)

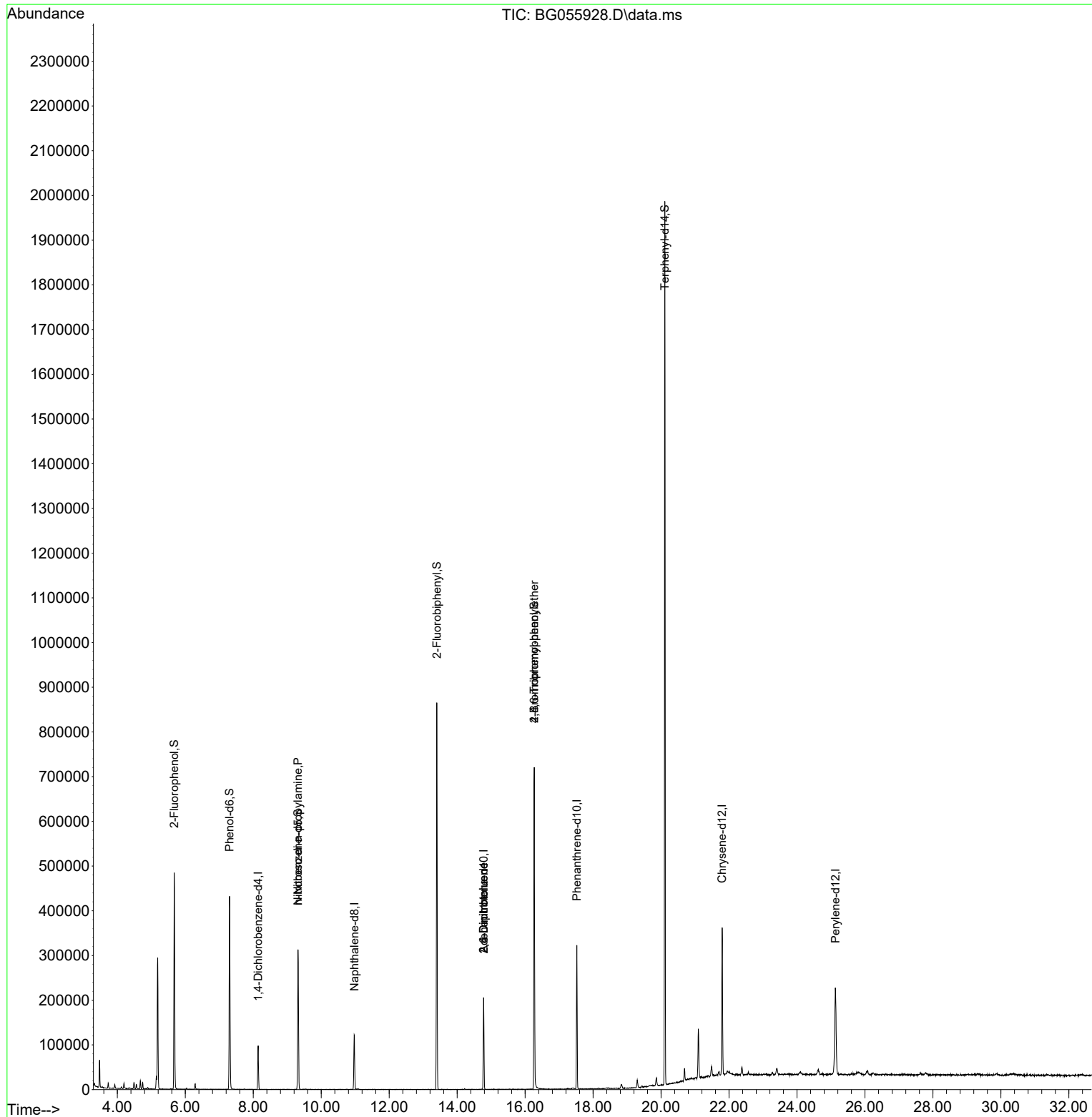
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	25822	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	103114	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	73777	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	205190	20.000	ng	0.00
76) Chrysene-d12	21.796	240	198095	20.000	ng	0.00
86) Perylene-d12	25.128	264	218144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	201932	141.351	ng	0.00
7) Phenol-d6	7.301	99	237158	124.710	ng	0.00
23) Nitrobenzene-d5	9.317	82	176319	90.379	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	160024	154.036	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	438075	88.956	ng	0.00
79) Terphenyl-d14	20.110	244	957098	96.636	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.317	70	24474	16.750	ng	Qvalue
51) 2,6-Dinitrotoluene	14.775	165	9637	8.014	ng	# 80
57) 2,4-Dinitrotoluene	14.775	165	9637	5.684	ng	# 24
67) 4-Bromophenyl-phenylether	16.267	248	10310	4.410	ng	# 22
67) 4-Bromophenyl-phenylether	16.267	248	10310	4.410	ng	# 1

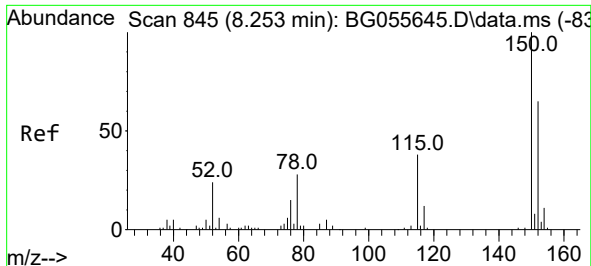
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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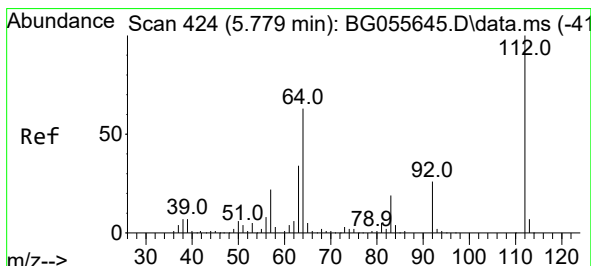
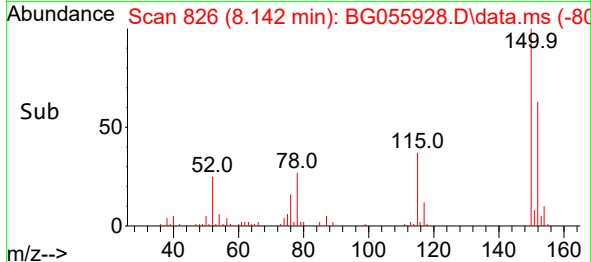
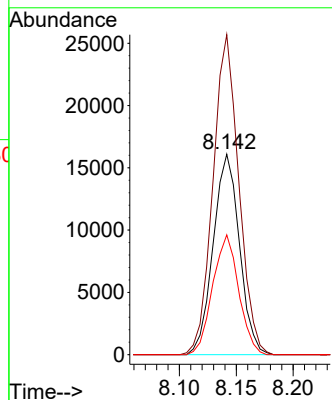
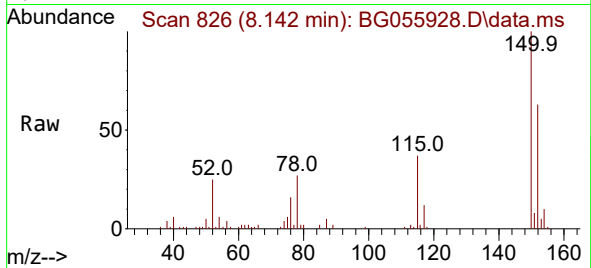




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

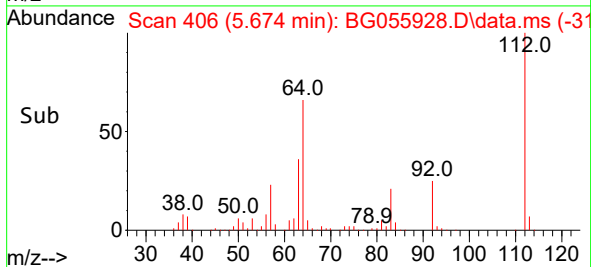
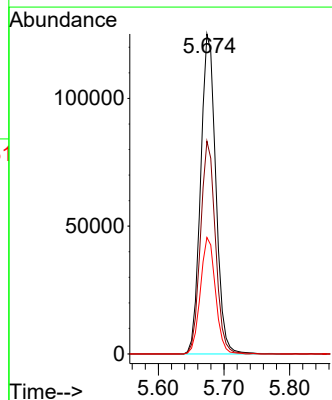
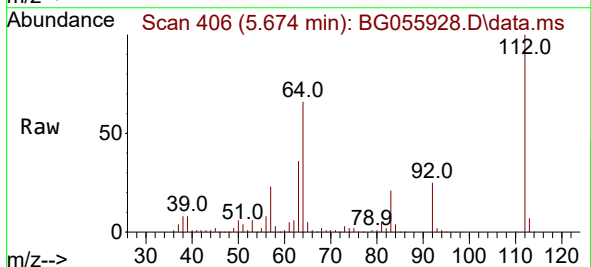
Instrument :
BNA_G
ClientSampleId :
TP-0

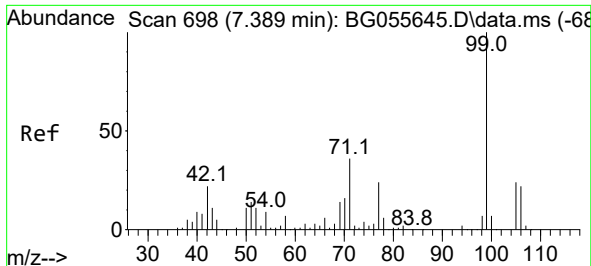
Tgt Ion:152 Resp: 25822
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 59.8 47.0 70.4



#5
2-Fluorophenol
Concen: 141.351 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion:112 Resp: 201932
Ion Ratio Lower Upper
112 100
64 66.5 50.6 76.0
63 36.4 27.5 41.3

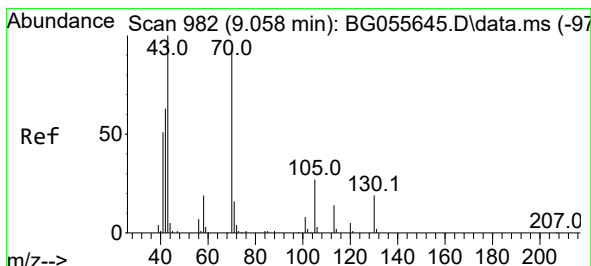
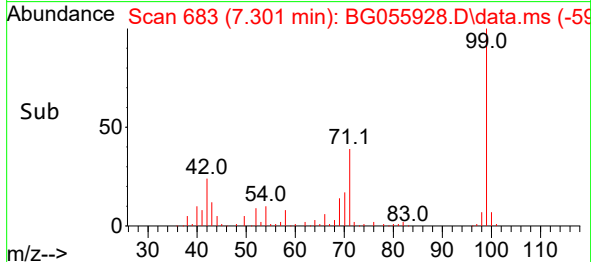
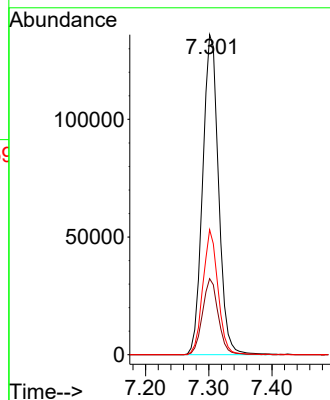
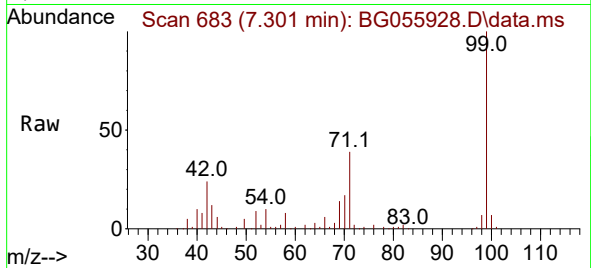




#7
Phenol-d6
Concen: 124.710 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

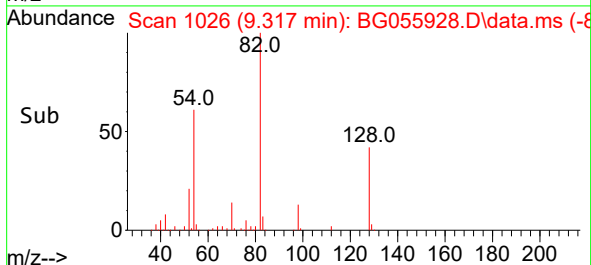
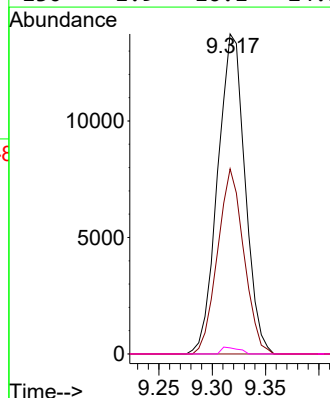
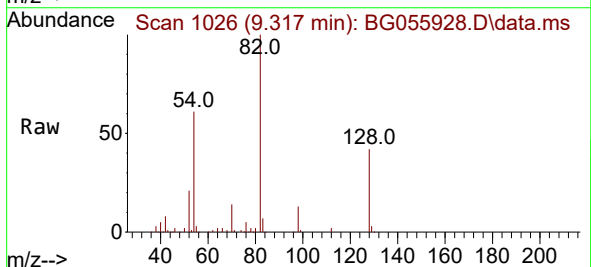
Instrument :
BNA_G
ClientSampleId :
TP-0

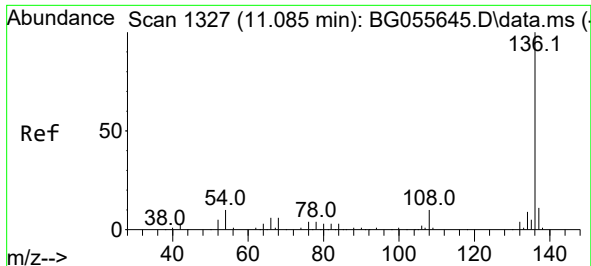
Tgt Ion: 99 Resp: 237158
Ion Ratio Lower Upper
99 100
42 23.7 18.0 27.0
71 39.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.750 ng
RT: 9.317 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion: 70 Resp: 24474
Ion Ratio Lower Upper
70 100
42 57.8 55.2 82.8
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

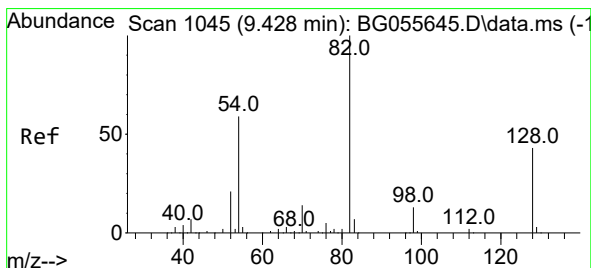
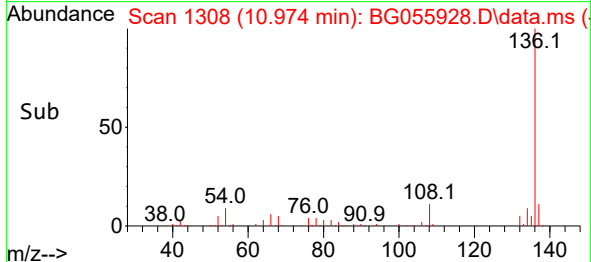
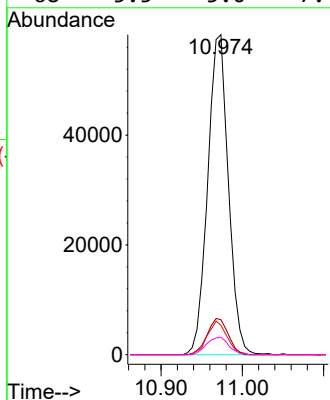
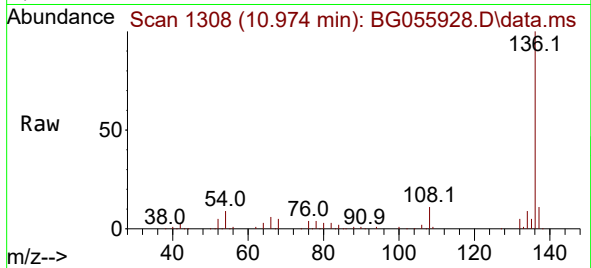




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

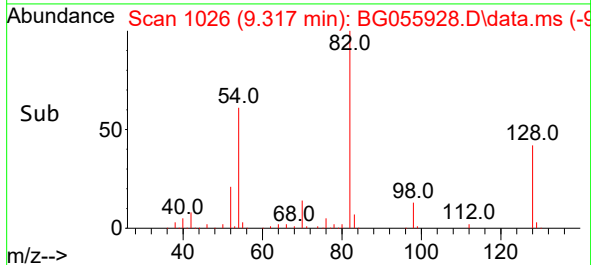
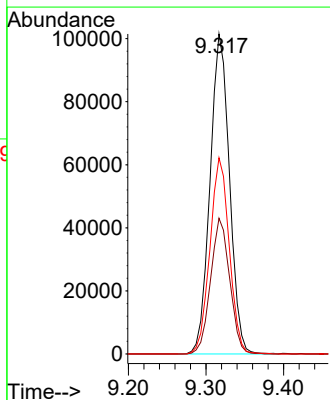
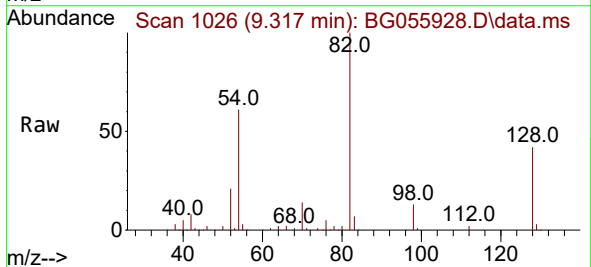
Instrument :
BNA_G
ClientSampleId :
TP-0

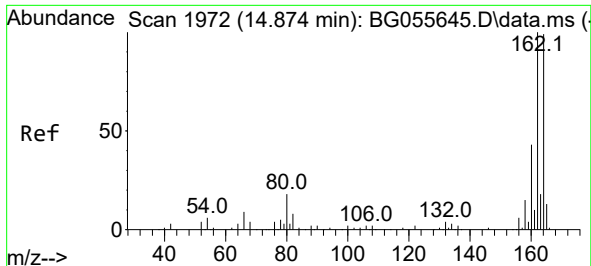
Tgt Ion:	136	Resp:	103114
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	9.2	7.8	11.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.379 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion:	82	Resp:	176319
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.1	51.1
54	61.3	47.3	70.9

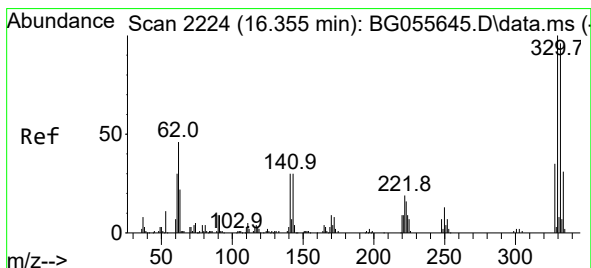
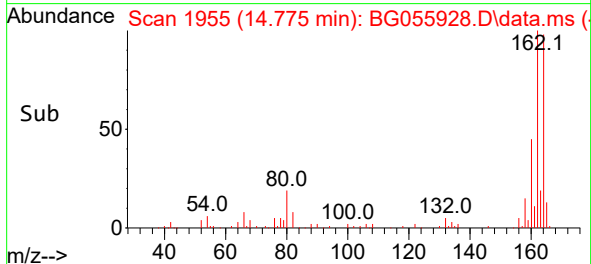
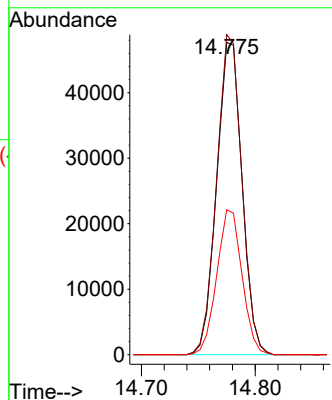
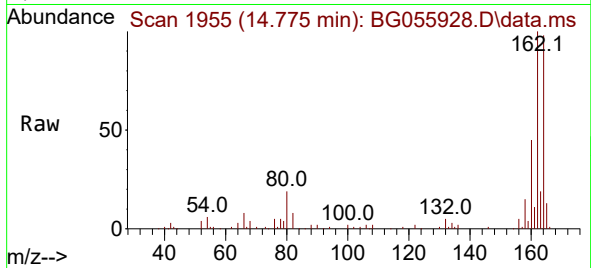




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

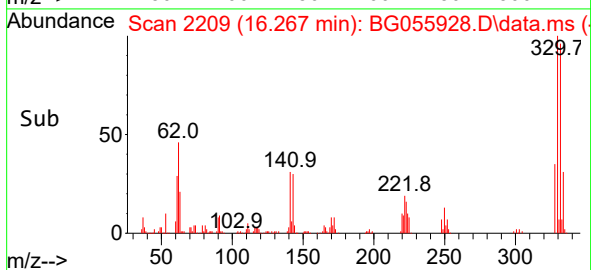
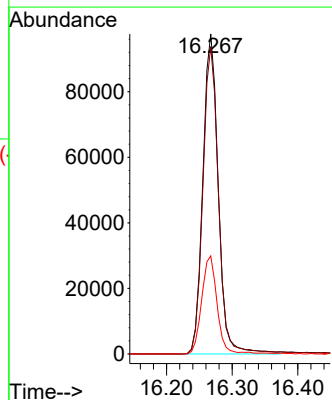
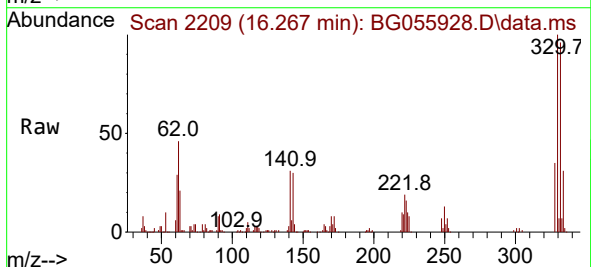
Instrument :
BNA_G
ClientSampleId :
TP-0

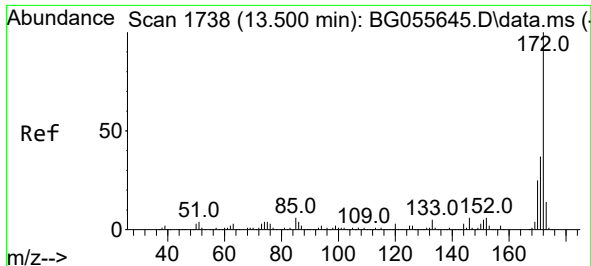
Tgt Ion:164 Resp: 73777
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 46.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 154.036 ng
RT: 16.267 min Scan# 2209
Delta R.T. 0.001 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion:330 Resp: 160024
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 30.7 23.9 35.9

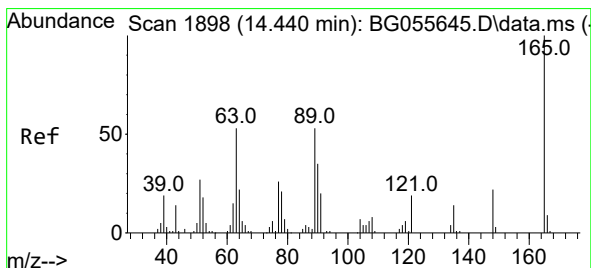
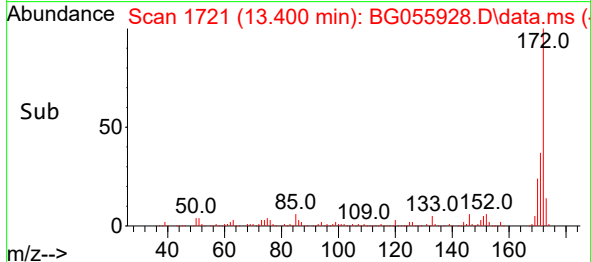
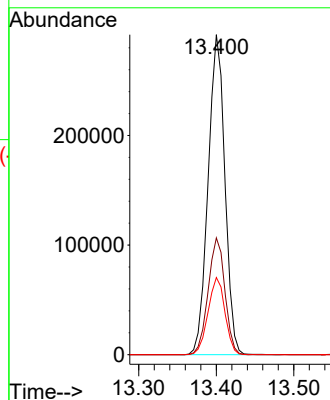
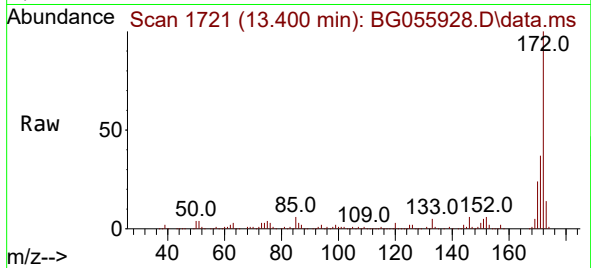




#45
2-Fluorobiphenyl
Concen: 88.956 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

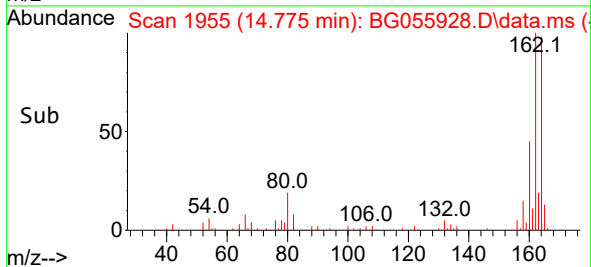
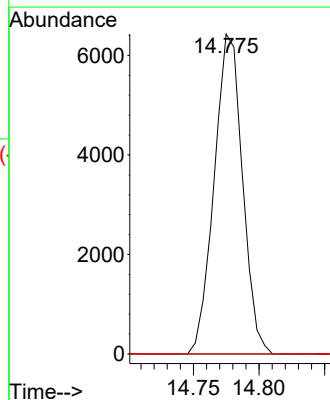
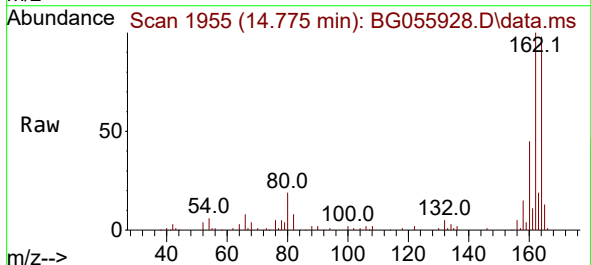
Instrument :
BNA_G
ClientSampleId :
TP-0

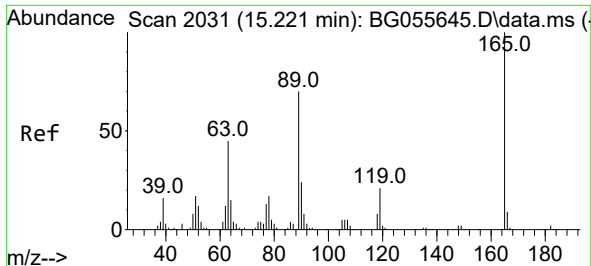
Tgt Ion:172 Resp: 438075
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.014 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion:165 Resp: 9637
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: 5.684 ng

RT: 14.775 min Scan# 1955

Delta R.T. -0.369 min

Lab File: BG055928.D

Acq: 8 Dec 2022 15:20

Instrument :

BNA_G

ClientSampleId :

TP-0

Tgt Ion:165 Resp: 9637

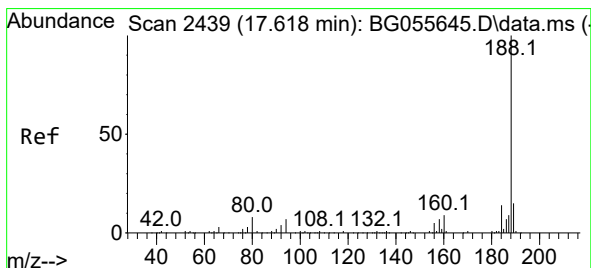
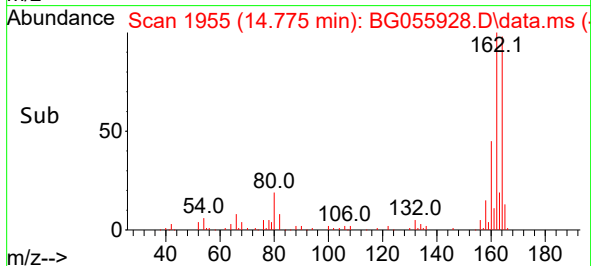
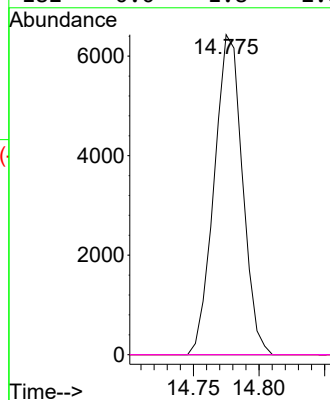
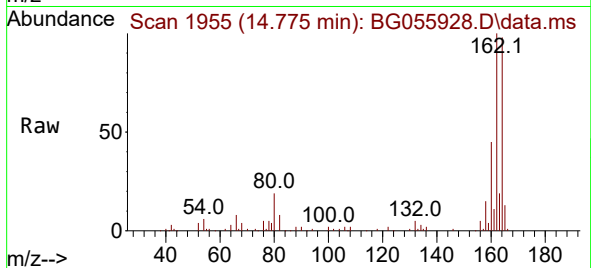
Ion Ratio Lower Upper

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: 17.519 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG055928.D

Acq: 8 Dec 2022 15:20

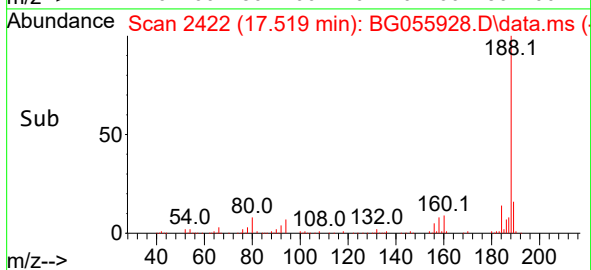
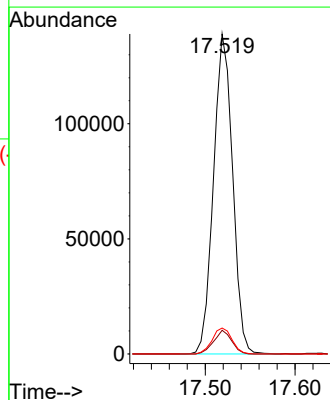
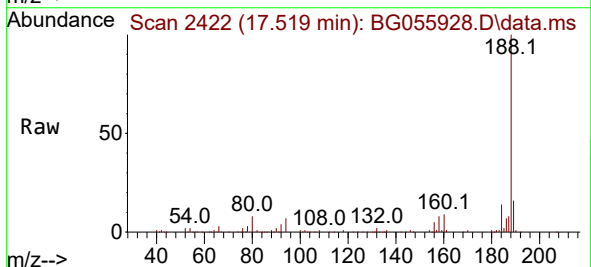
Tgt Ion:188 Resp: 205190

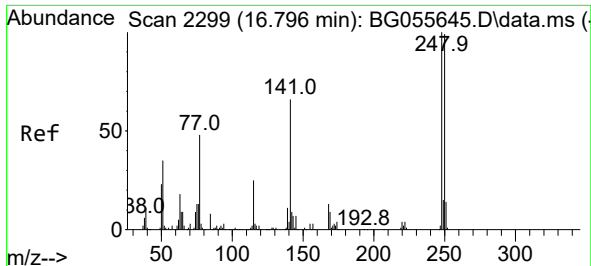
Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 8.1 6.6 10.0

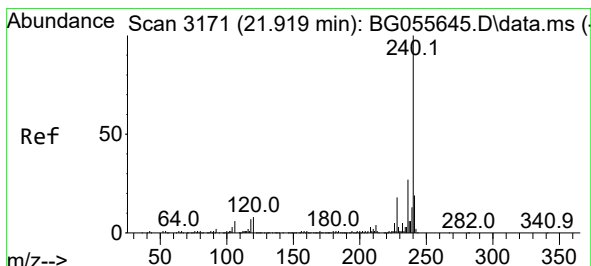
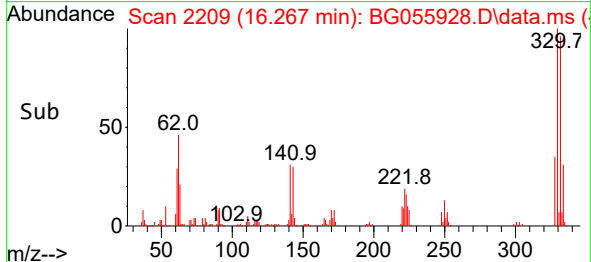
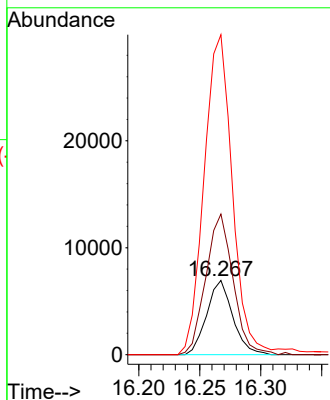
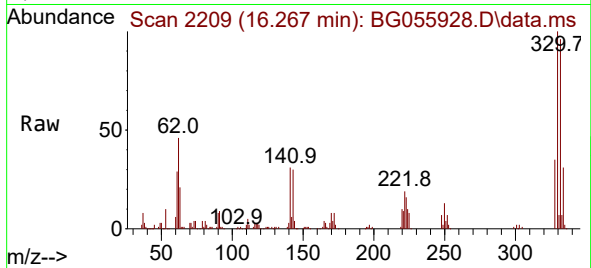




#67
4-Bromophenyl-phenylether
Concen: 4.410 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

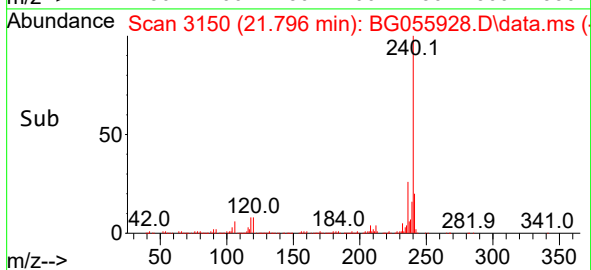
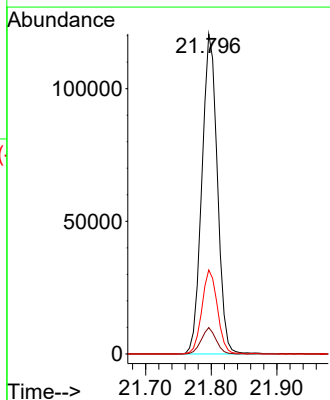
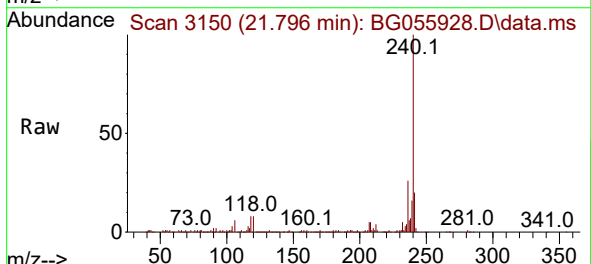
Instrument :
BNA_G
ClientSampleId :
TP-0

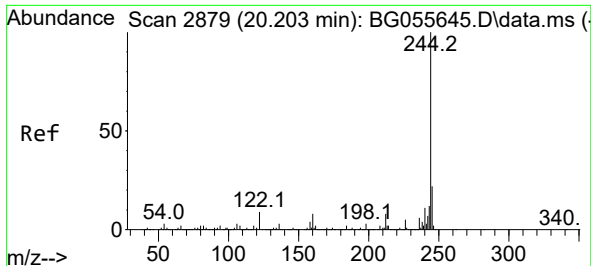
Tgt Ion:248 Resp: 10310
Ion Ratio Lower Upper
248 100
250 189.5 79.0 118.4#
141 431.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.796 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG055928.D
Acq: 8 Dec 2022 15:20

Tgt Ion:240 Resp: 198095
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.3 21.9 32.9

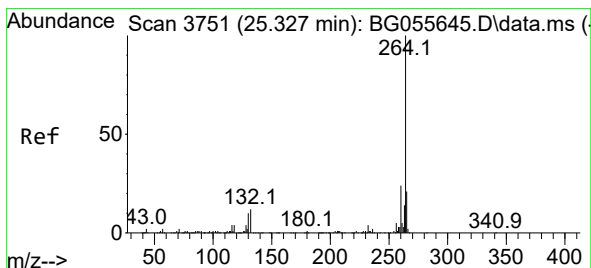
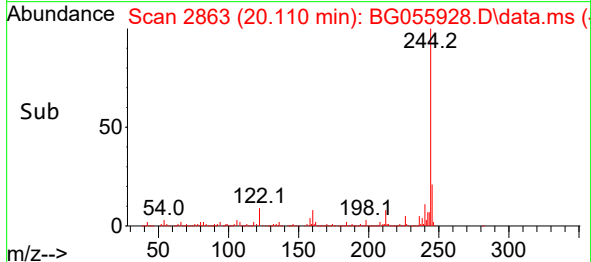
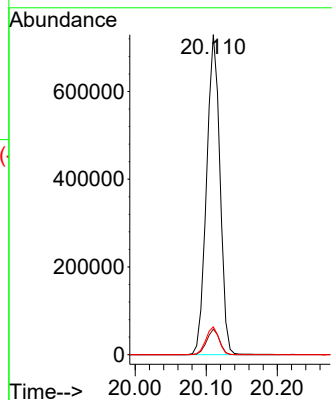
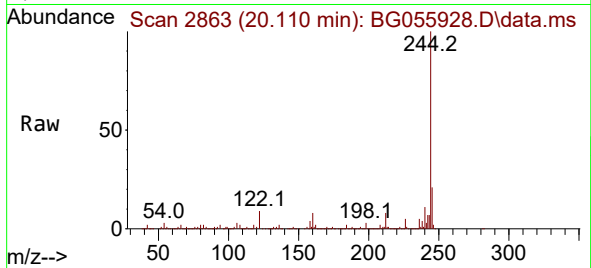




#79
 Terphenyl-d14
 Concen: 96.636 ng
 RT: 20.110 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055928.D
 Acq: 8 Dec 2022 15:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-0

Tgt Ion:244 Resp: 957098
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.128 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG055928.D
 Acq: 8 Dec 2022 15:20

Tgt Ion:264 Resp: 218144
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.5 17.1 25.7

