

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057656.D
 Acq On : 7 Jun 2023 4:35
 Operator : CG/JU
 Sample : 03008-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-0A

Quant Time: Jun 07 05:46:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

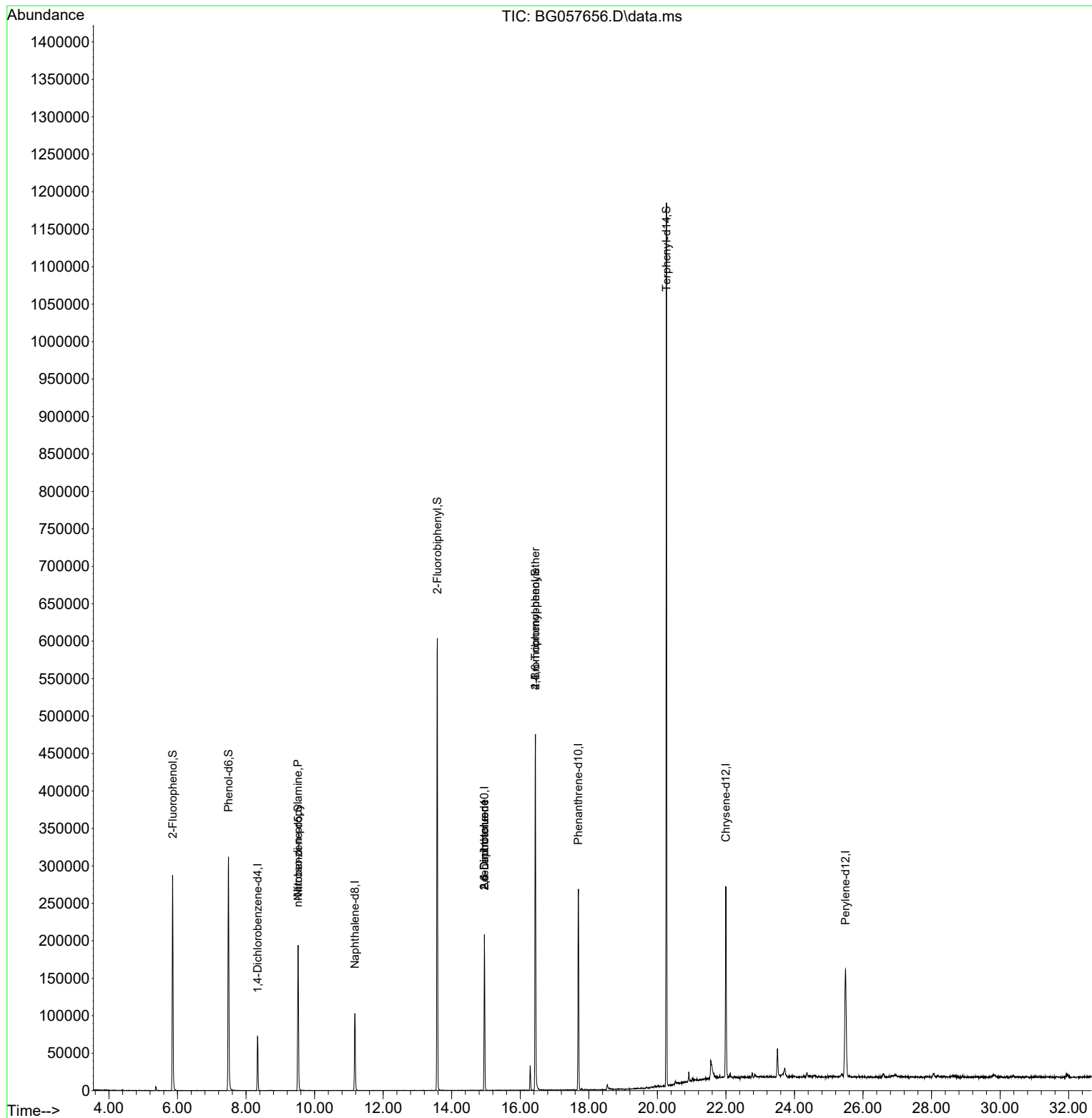
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	22169	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	96665	20.000	ng	0.00
39) Acenaphthene-d10	14.954	164	75248	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	185617	20.000	ng	0.00
76) Chrysene-d12	21.997	240	163872	20.000	ng	# 0.00
86) Perylene-d12	25.487	264	175713	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.860	112	140020	109.729	ng	0.00
7) Phenol-d6	7.488	99	211043	105.679	ng	0.00
23) Nitrobenzene-d5	9.520	82	132264	63.961	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	105298	87.403	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	335655	64.105	ng	0.00
79) Terphenyl-d14	20.264	244	600894	63.518	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.514	70	17270	12.448	ng	# 77
51) 2,6-Dinitrotoluene	14.954	165	9607	7.236	ng	# 29
57) 2,4-Dinitrotoluene	14.954	165	9607	4.833	ng	# 26
67) 4-Bromophenyl-phenylether	16.440	248	6963	3.344	ng	# 1

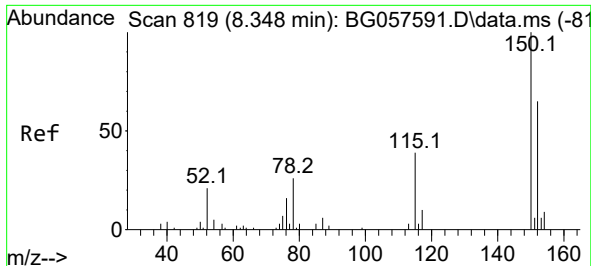
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057656.D
Acq On : 7 Jun 2023 4:35
Operator : CG/JU
Sample : 03008-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-19-0A

Quant Time: Jun 07 05:46:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

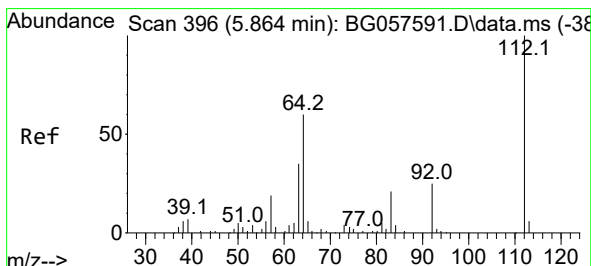
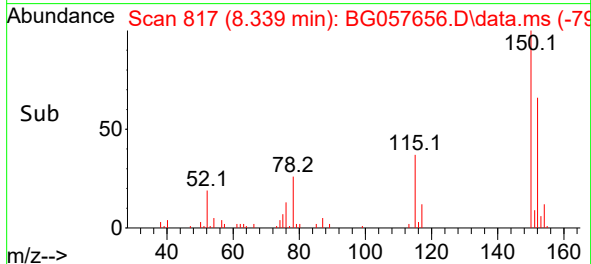
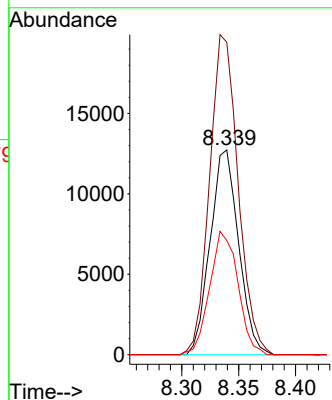
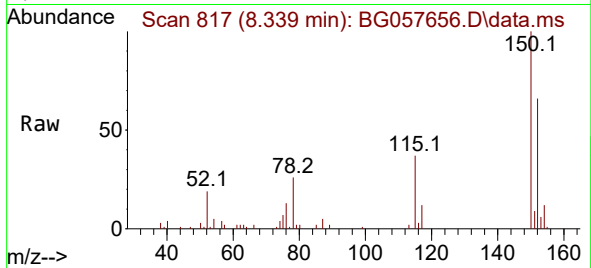




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 819
Delta R.T. 0.005 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

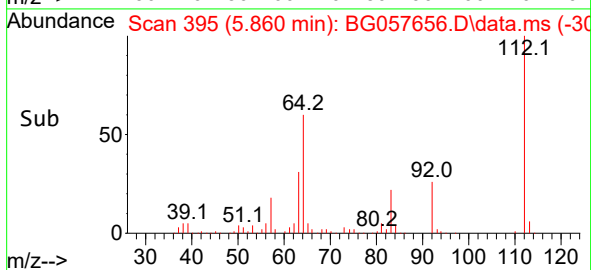
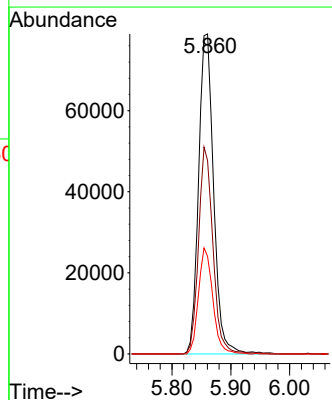
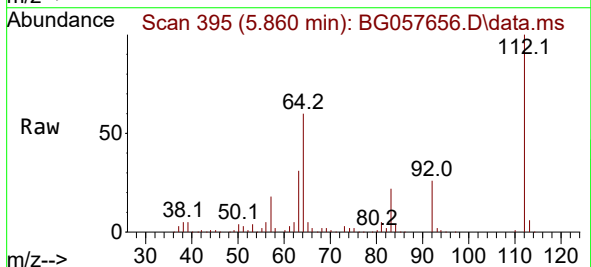
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

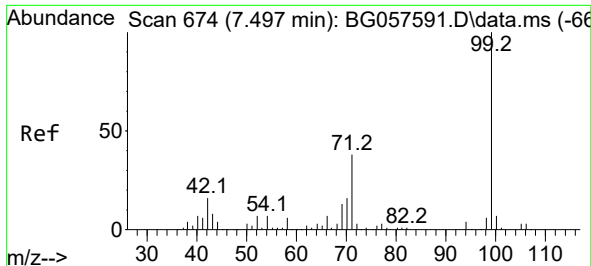
Tgt Ion:152 Resp: 22169
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.4
115 55.8 47.4 71.2



#5
2-Fluorophenol
Concen: 109.729 ng
RT: 5.860 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:112 Resp: 140020
Ion Ratio Lower Upper
112 100
64 60.5 47.8 71.6
63 30.5 27.8 41.8

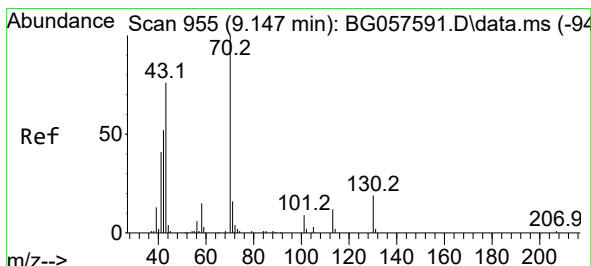
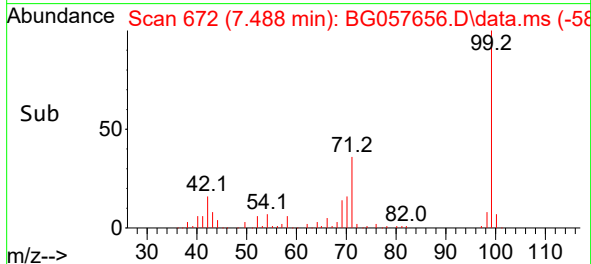
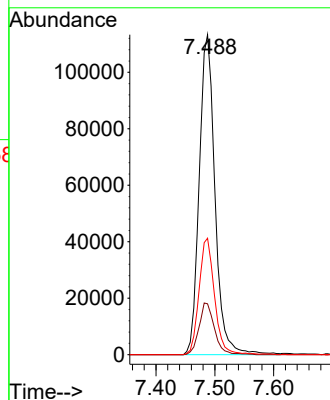
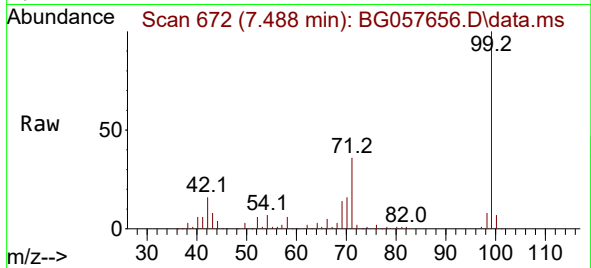




#7
Phenol-d6
Concen: 105.679 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

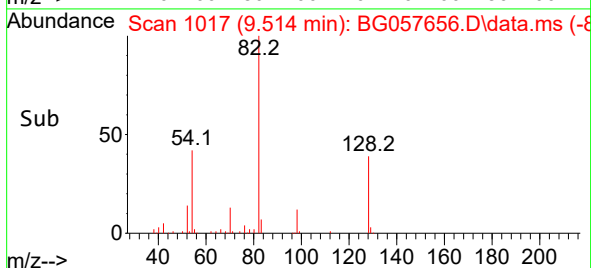
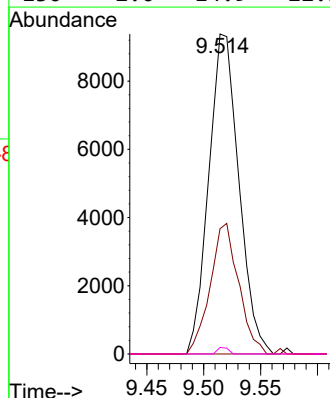
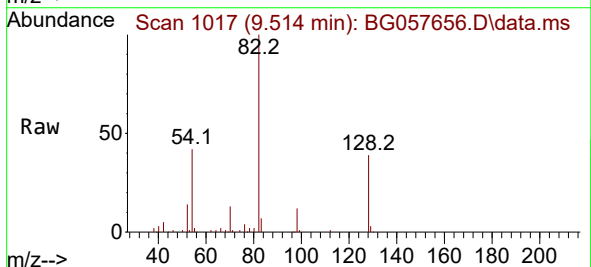
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

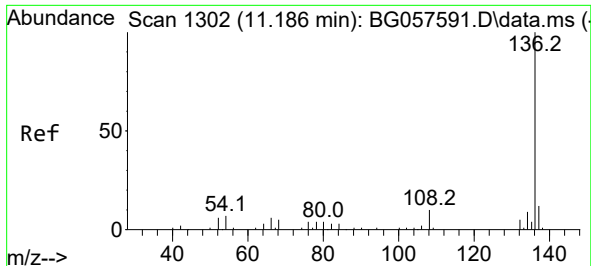
Tgt Ion: 99 Resp: 211043
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 36.4 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.448 ng
RT: 9.514 min Scan# 1017
Delta R.T. 0.376 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion: 70 Resp: 17270
Ion Ratio Lower Upper
70 100
42 39.2 41.4 62.0#
101 0.0 6.9 10.3#
130 2.0 14.9 22.3#

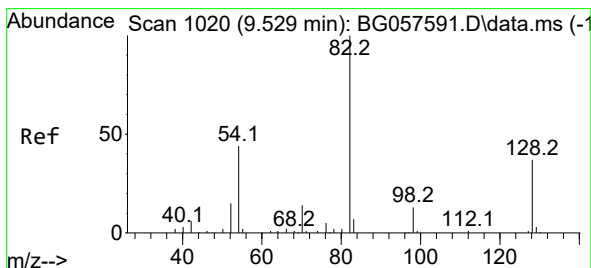
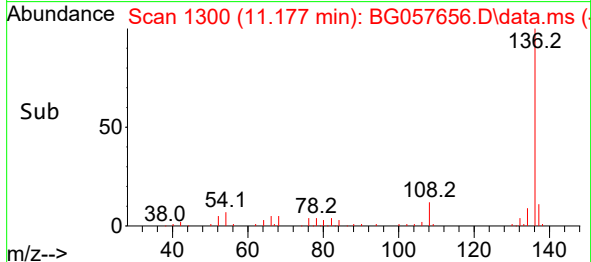
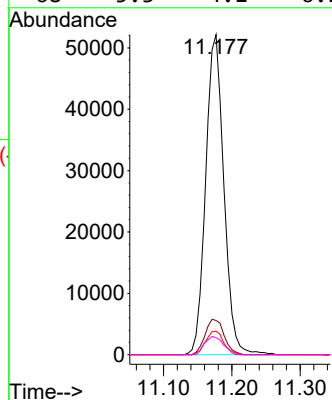
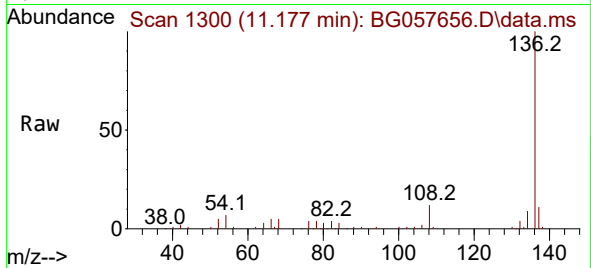




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.177 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

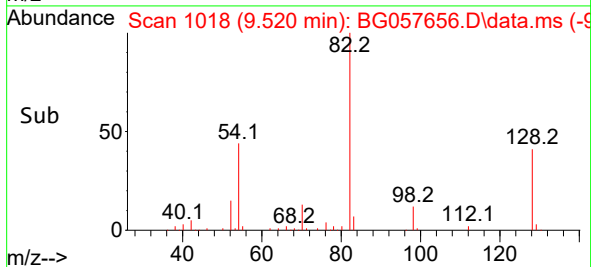
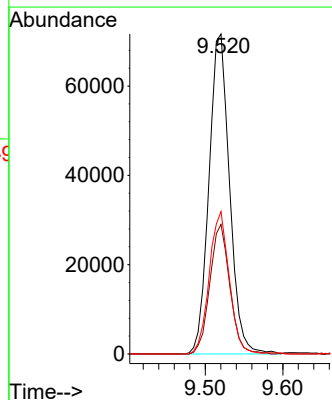
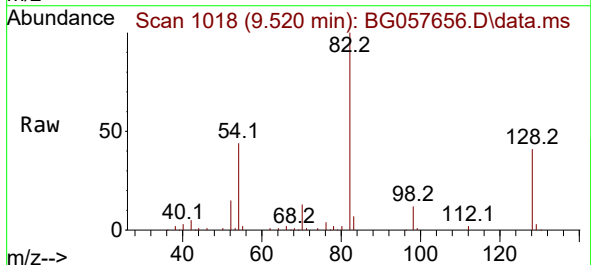
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

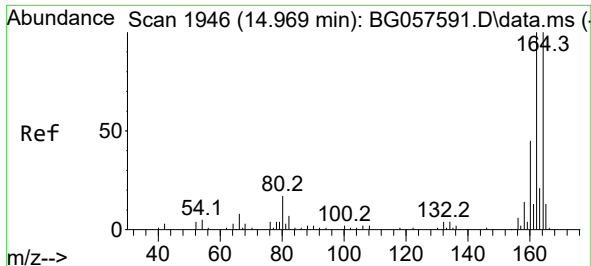
Tgt Ion:136	Resp:	96665
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.8 14.8
54	7.4	5.8 8.6
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.961 ng
RT: 9.520 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

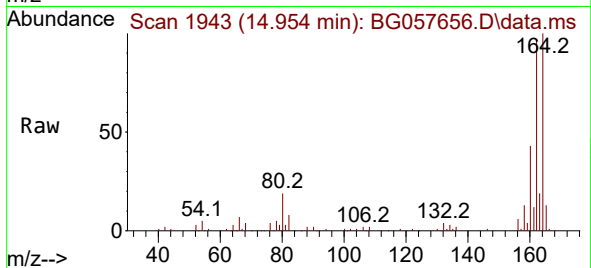
Tgt Ion: 82	Resp:	132264
Ion Ratio	Lower	Upper
82	100	
128	40.5	30.0 45.0
54	44.5	35.2 52.8



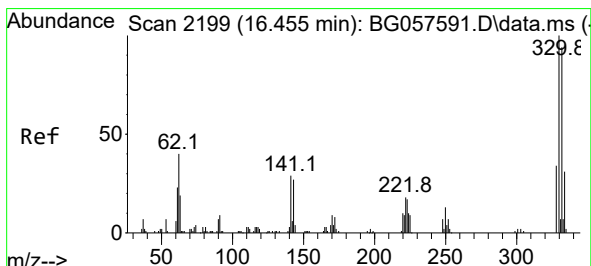
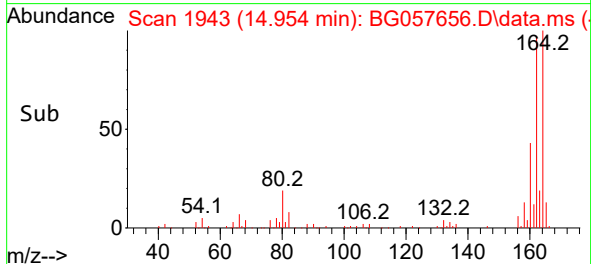
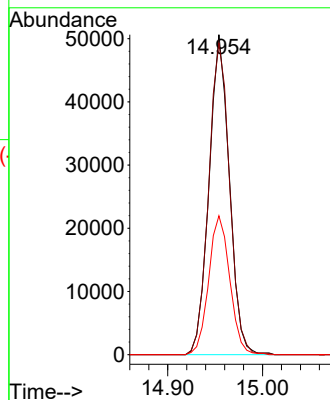


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Instrument :
BNA_G
ClientSampleId :
TP-19-0A

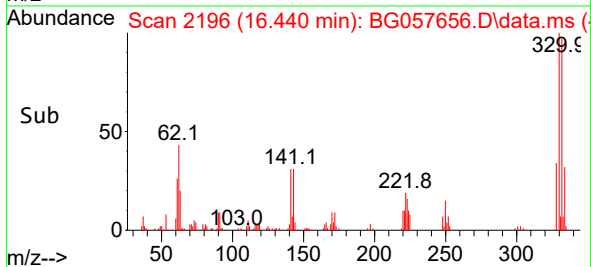
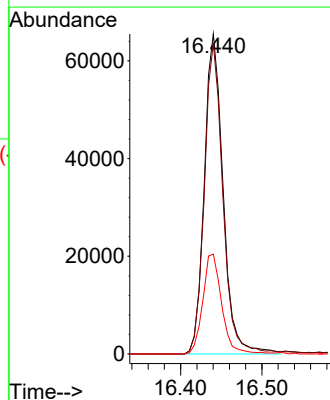
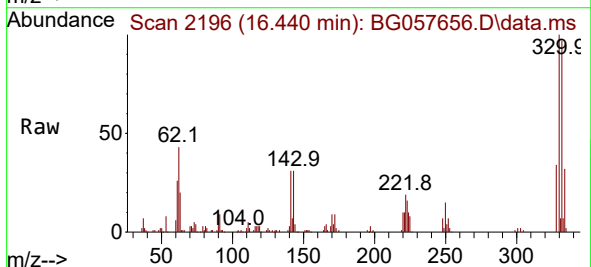


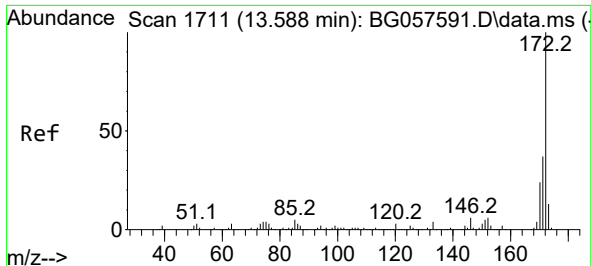
Tgt Ion:164 Resp: 75248
Ion Ratio Lower Upper
164 100
162 97.4 80.1 120.1
160 43.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 87.403 ng
RT: 16.440 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:330 Resp: 105298
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.4 24.6 37.0

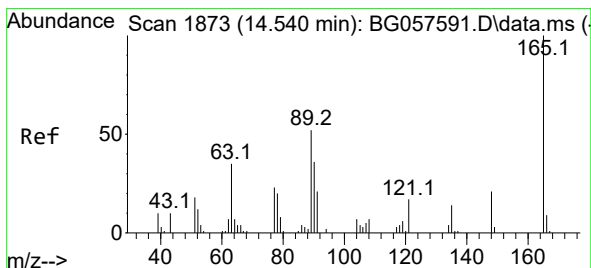
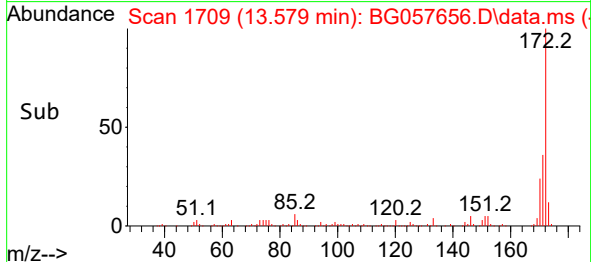
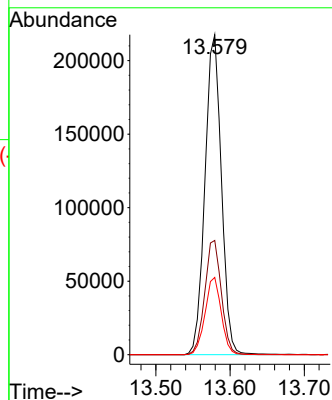
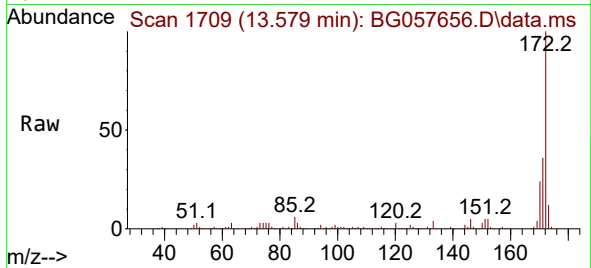




#45
2-Fluorobiphenyl
Concen: 64.105 ng
RT: 13.579 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

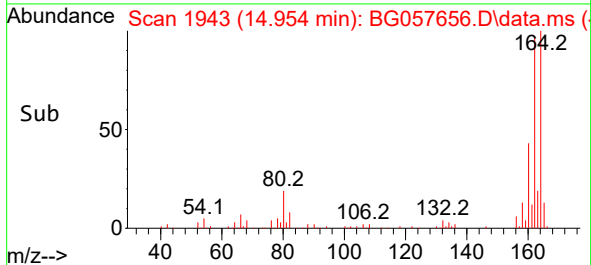
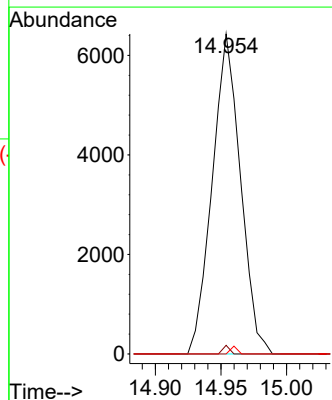
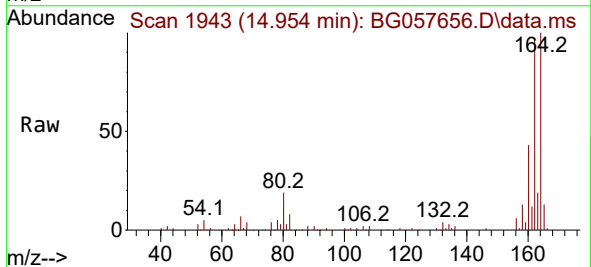
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

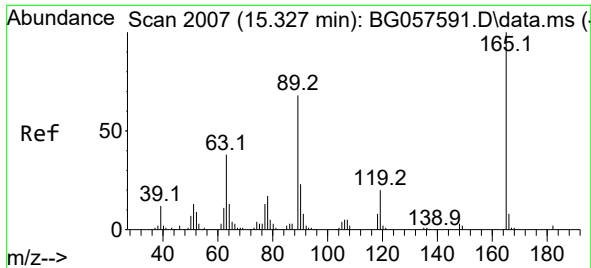
Tgt Ion:172 Resp: 335655
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.236 ng
RT: 14.954 min Scan# 1943
Delta R.T. 0.423 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:165 Resp: 9607
Ion Ratio Lower Upper
165 100
63 2.7 39.3 58.9#
89 0.0 41.5 62.3#

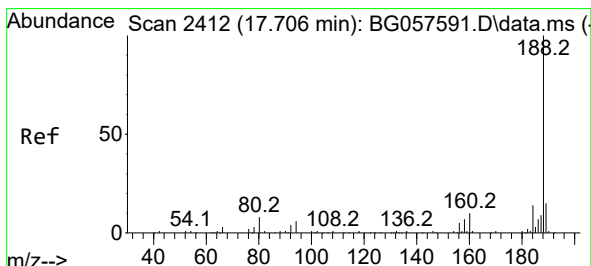
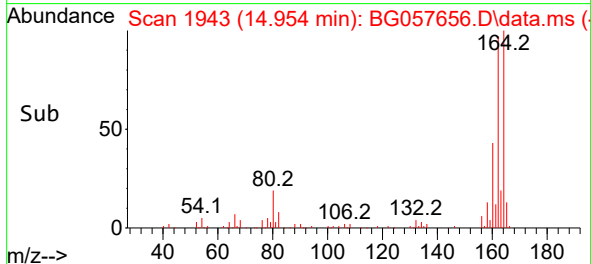
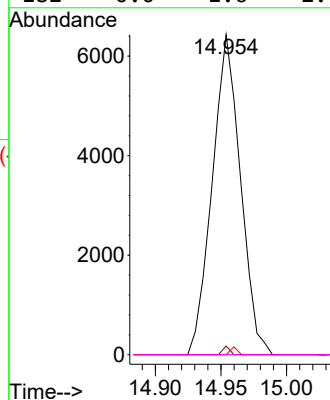
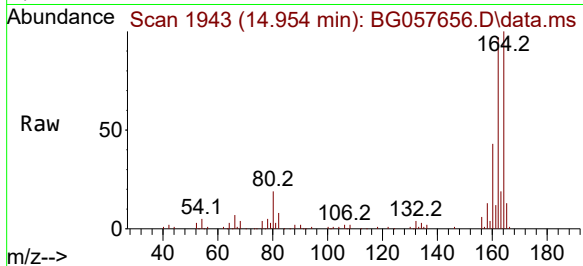




#57
2,4-Dinitrotoluene
Concen: 4.833 ng
RT: 14.954 min Scan# 1943
Delta R.T. -0.370 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

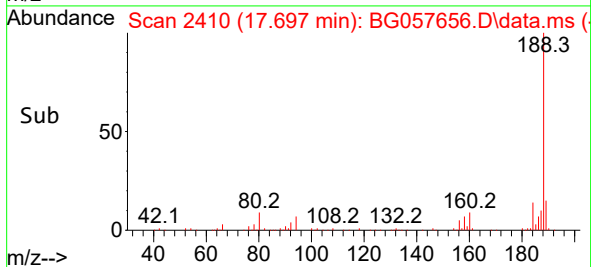
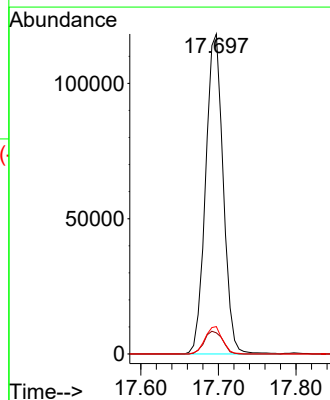
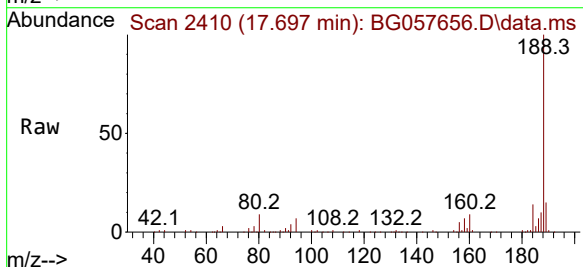
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

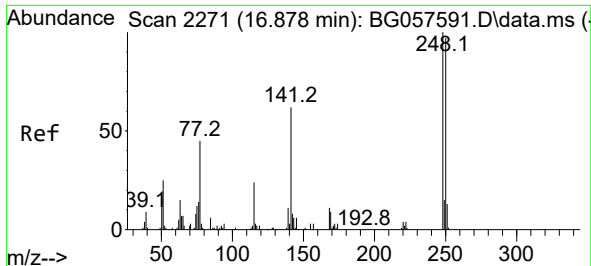
Tgt Ion:165 Resp: 9607
Ion Ratio Lower Upper
165 100
63 2.7 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:188 Resp: 185617
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.6 6.7 10.1

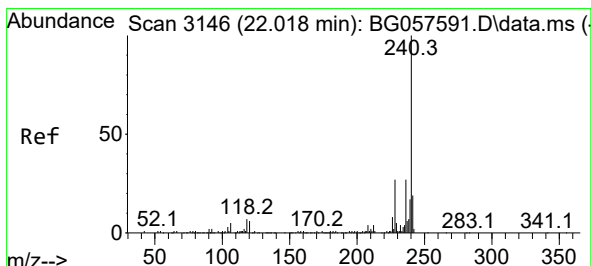
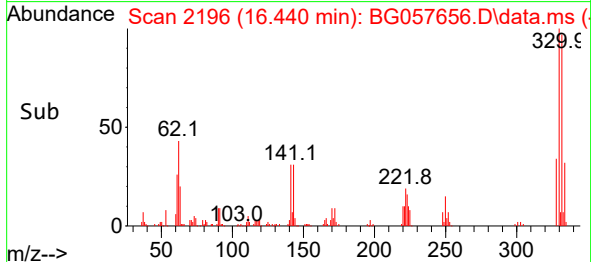
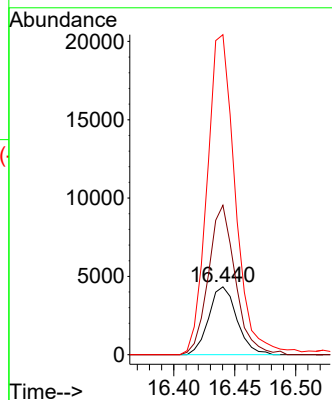
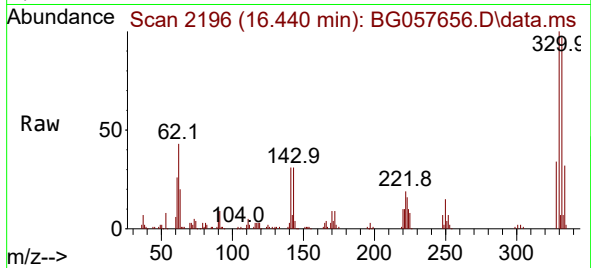




#67
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 16.440 min Scan# 2196
Delta R.T. -0.429 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

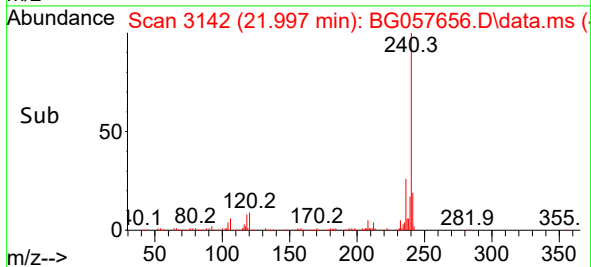
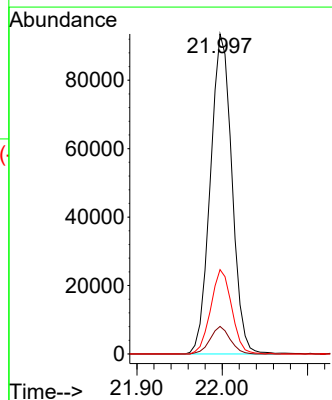
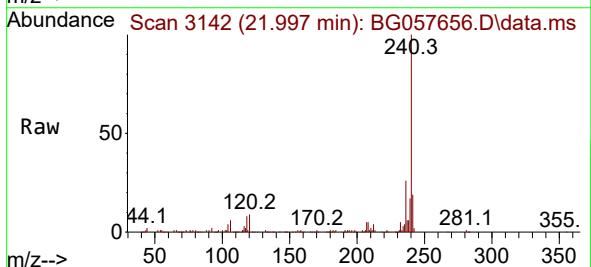
Instrument :
BNA_G
ClientSampleId :
TP-19-0A

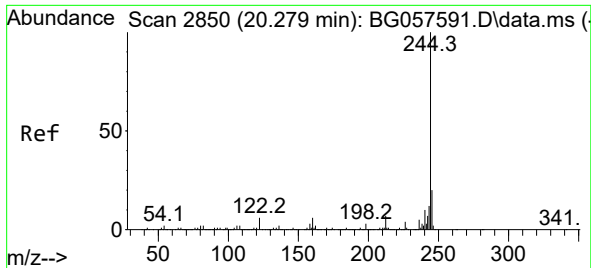
Tgt Ion:248 Resp: 6963
Ion Ratio Lower Upper
248 100
250 220.1 77.4 116.2#
141 471.3 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.997 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG057656.D
Acq: 7 Jun 2023 4:35

Tgt Ion:240 Resp: 163872
Ion Ratio Lower Upper
240 100
120 8.6 5.2 7.8#
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 63.518 ng

RT: 20.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057656.D

Acq: 7 Jun 2023 4:35

Instrument :

BNA_G

ClientSampleId :

TP-19-0A

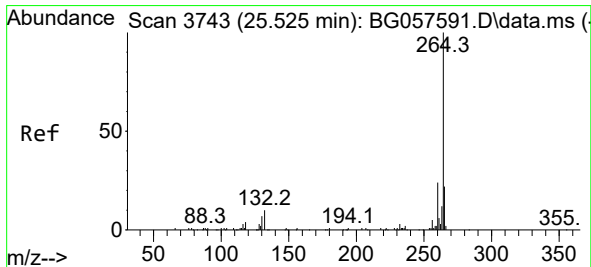
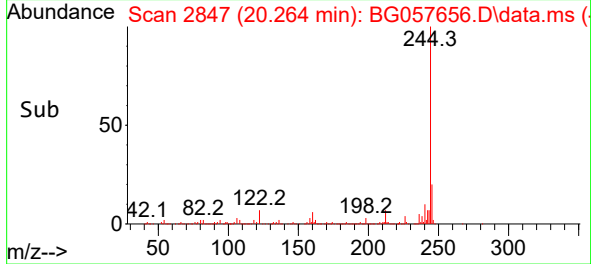
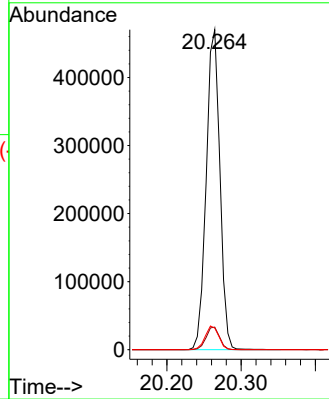
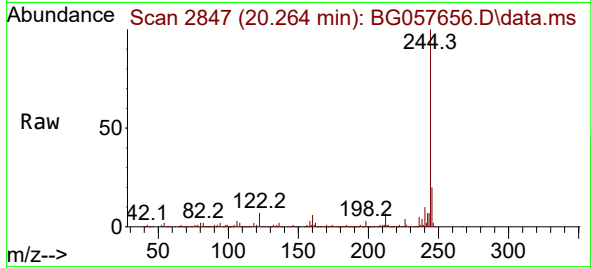
Tgt Ion:244 Resp: 600894

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.7 4.8 7.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.487 min Scan# 3736

Delta R.T. -0.012 min

Lab File: BG057656.D

Acq: 7 Jun 2023 4:35

Tgt Ion:264 Resp: 175713

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.3 17.7 26.5

