

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055759.D
 Acq On : 23 Nov 2022 17:29
 Operator : CG/JU
 Sample : PB149266BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149266BL

Quant Time: Nov 24 06:07:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

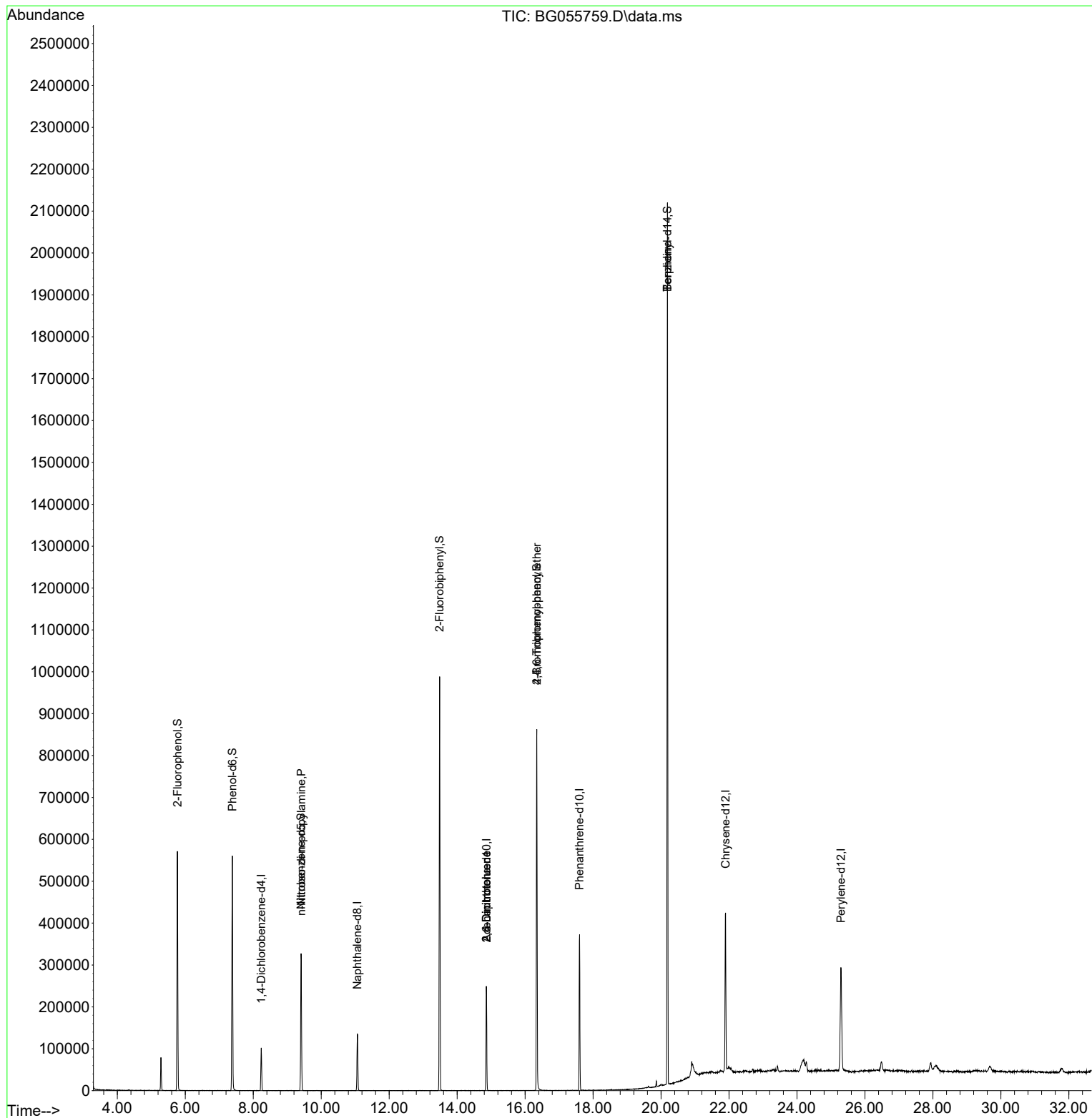
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	29445	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	120858	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	95025	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	247817	20.000	ng	0.00
76) Chrysene-d12	21.898	240	250900	20.000	ng	0.00
86) Perylene-d12	25.294	264	258833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	241604	148.312	ng	0.00
7) Phenol-d6	7.386	99	314991	145.258	ng	0.00
23) Nitrobenzene-d5	9.407	82	192465	84.171	ng	0.00
42) 2,4,6-Tribromophenol	16.346	330	192435	143.815	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	521727	82.253	ng	0.00
79) Terphenyl-d14	20.189	244	1103658	87.982	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.413	70	26408	15.850	ng	# 78
51) 2,6-Dinitrotoluene	14.860	165	12059	7.786	ng	# 26
57) 2,4-Dinitrotoluene	14.860	165	12059	5.522	ng	# 24
67) 4-Bromophenyl-phenylether	16.346	248	12134	4.297	ng	# 1
77) Benzidine	20.189	184	17111	2.948	ng	# 89

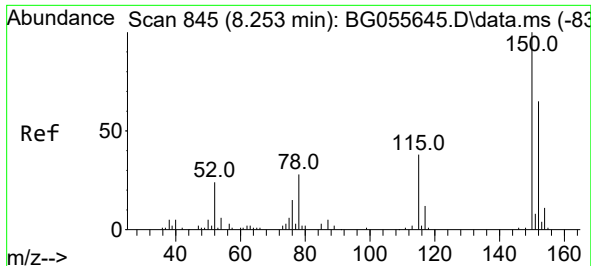
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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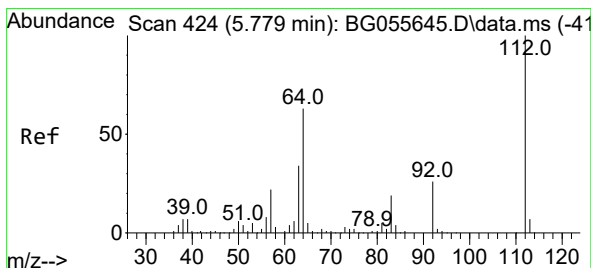
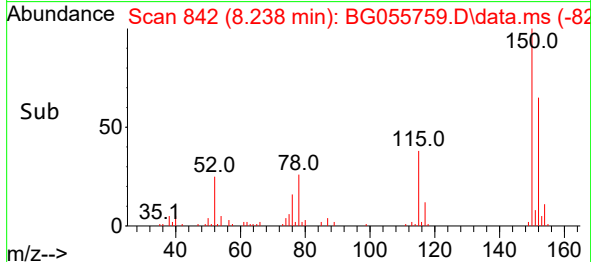
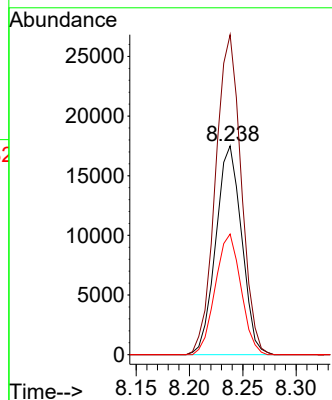
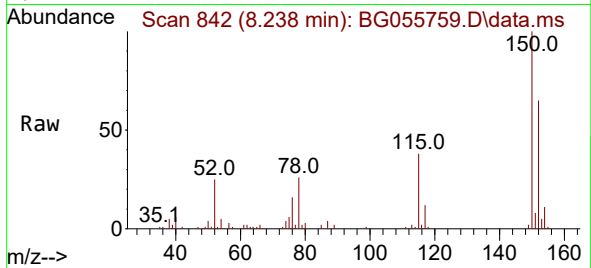




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.238 min Scan# 845
Delta R.T. 0.002 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

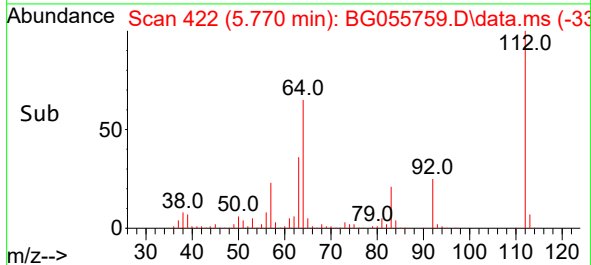
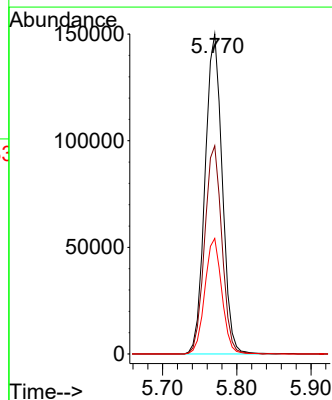
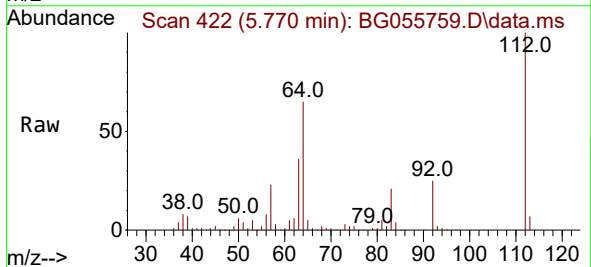
Instrument :
BNA_G
ClientSampleId :
PB149266BL

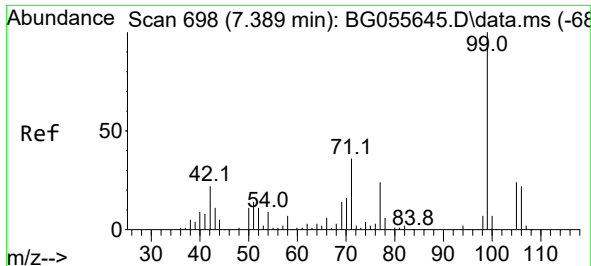
Tgt Ion:152 Resp: 29445
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.6
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 148.312 ng
RT: 5.770 min Scan# 422
Delta R.T. 0.002 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Tgt Ion:112 Resp: 241604
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 36.1 27.5 41.3

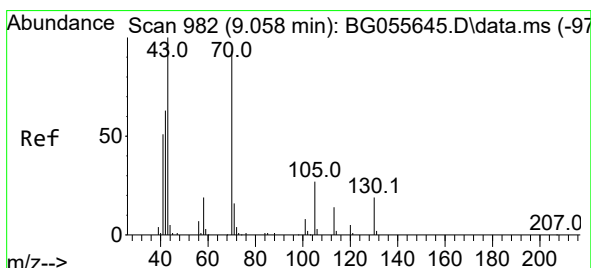
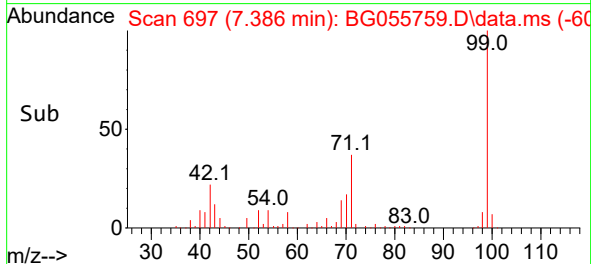
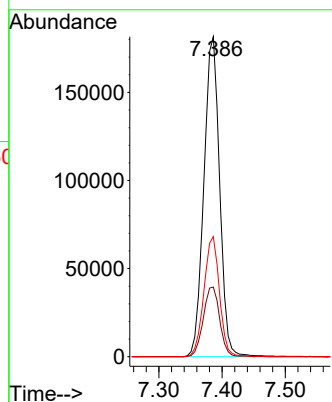
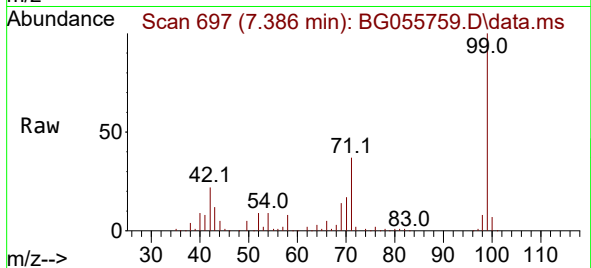




#7
Phenol-d6
Concen: 145.258 ng
RT: 7.386 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

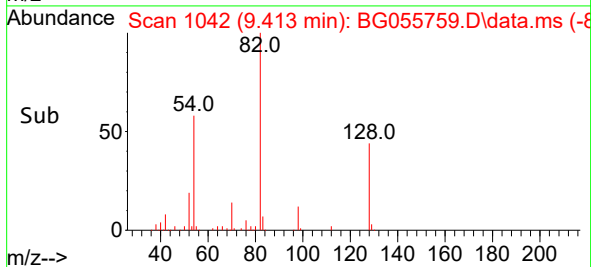
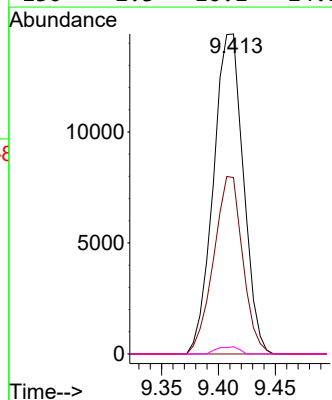
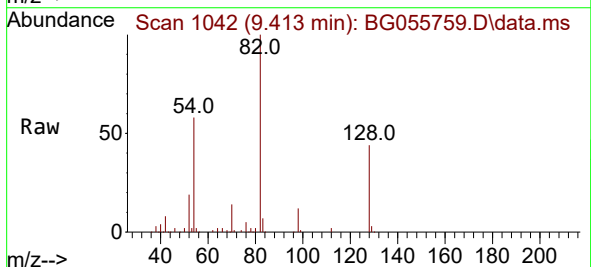
Instrument :
BNA_G
ClientSampleId :
PB149266BL

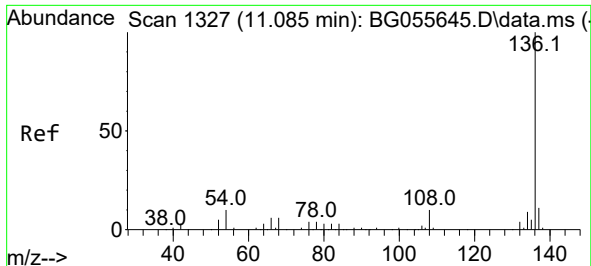
Tgt Ion: 99 Resp: 314991
Ion Ratio Lower Upper
99 100
42 21.7 18.0 27.0
71 37.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.850 ng
RT: 9.413 min Scan# 1042
Delta R.T. 0.367 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

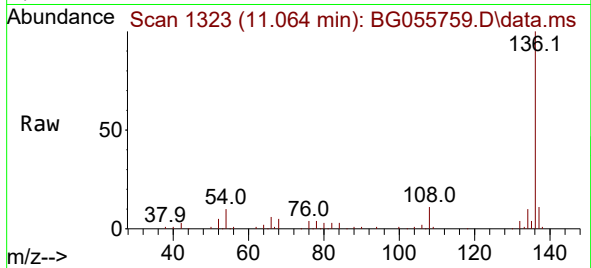
Tgt Ion: 70 Resp: 26408
Ion Ratio Lower Upper
70 100
42 55.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.3 16.1 24.1#



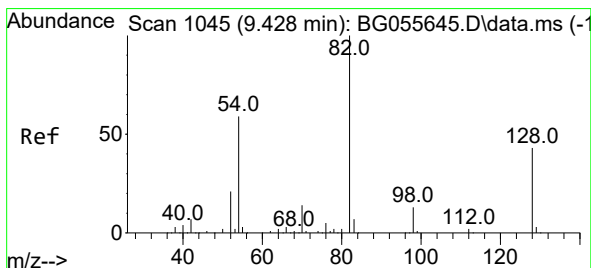
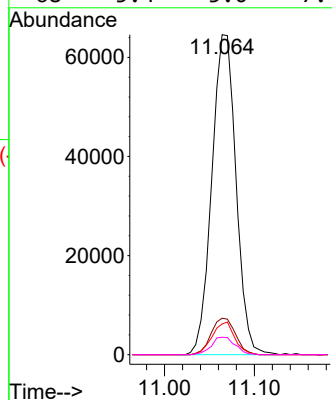


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.064 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Instrument :
BNA_G
ClientSampleId :
PB149266BL

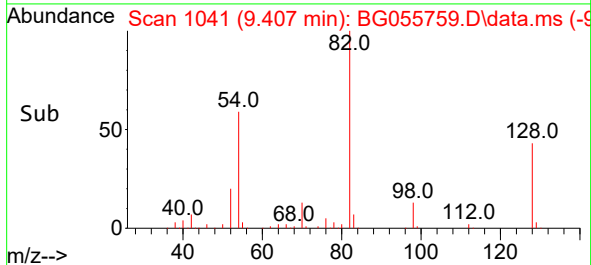
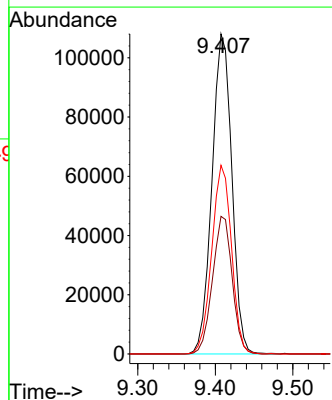
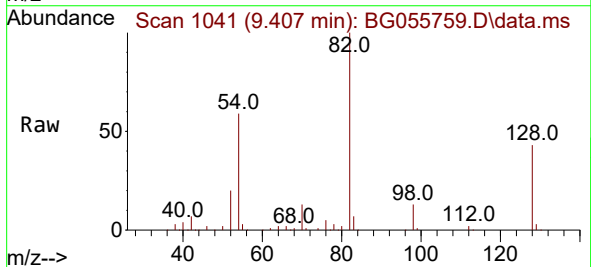


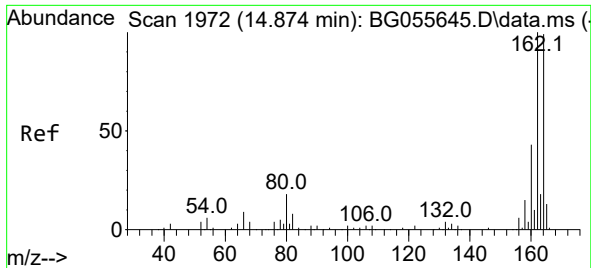
Tgt Ion:	136	Resp:	120858
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.6	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.171 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Tgt Ion:	82	Resp:	192465
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.1	51.1
54	58.9	47.3	70.9

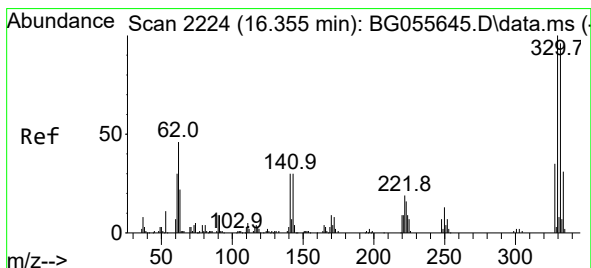
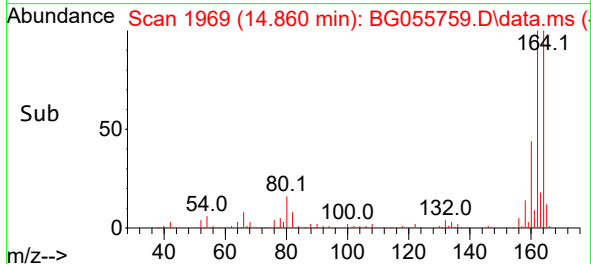
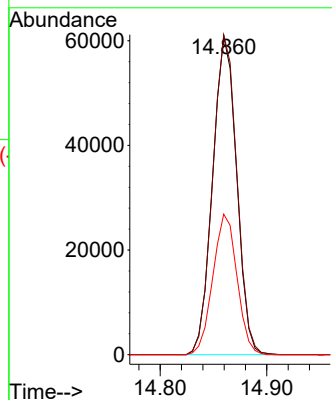
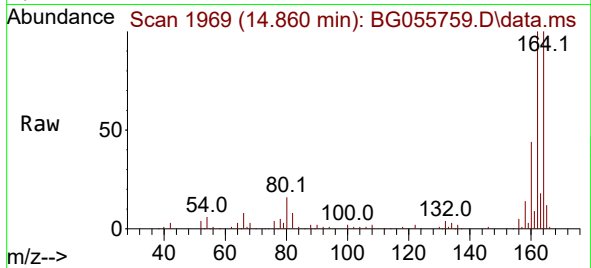




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.860 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

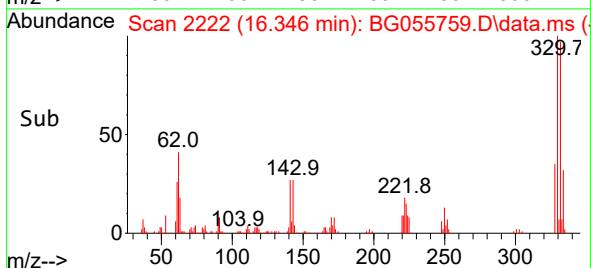
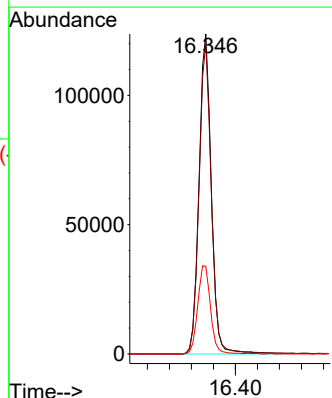
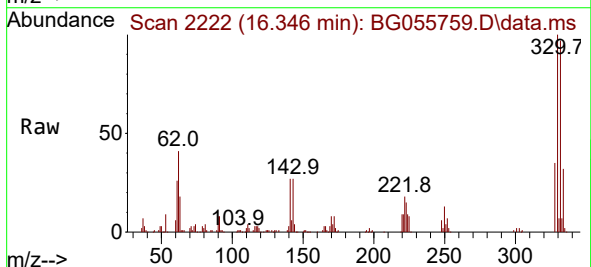
Instrument :
BNA_G
ClientSampleId :
PB149266BL

Tgt Ion:164 Resp: 95025
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 44.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 143.815 ng
RT: 16.346 min Scan# 2222
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Tgt Ion:330 Resp: 192435
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 28.6 23.9 35.9

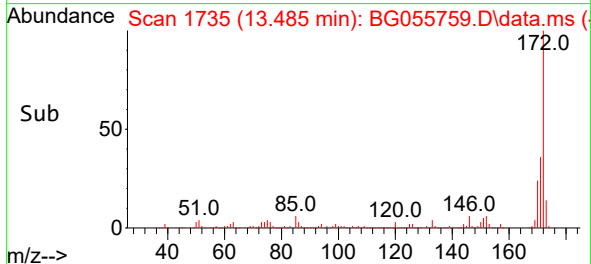
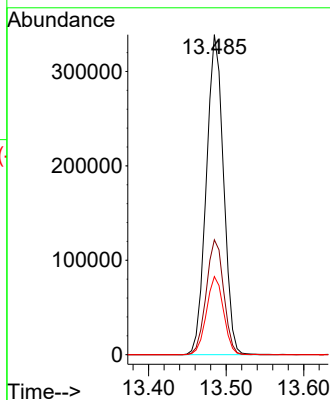
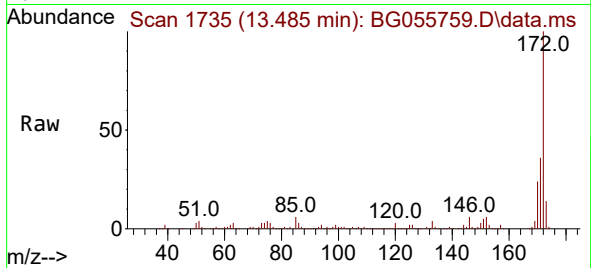




#45
2-Fluorobiphenyl
Concen: 82.253 ng
RT: 13.485 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

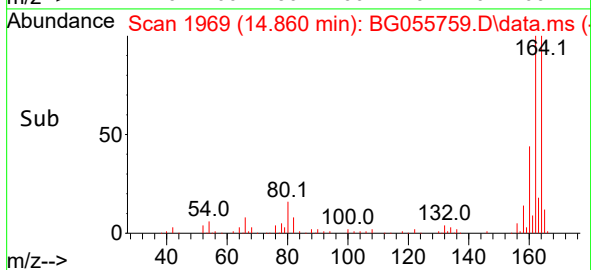
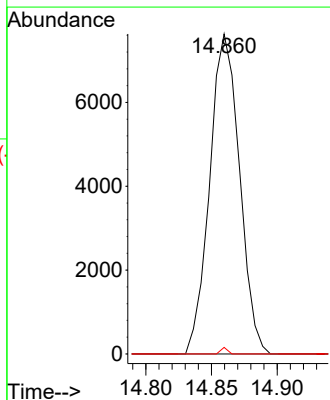
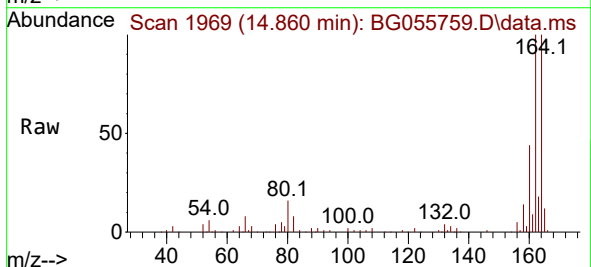
Instrument :
BNA_G
ClientSampleId :
PB149266BL

Tgt Ion:172 Resp: 521727
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.786 ng
RT: 14.860 min Scan# 1969
Delta R.T. 0.425 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Tgt Ion:165 Resp: 12059
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.1 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.522 ng

RT: 14.860 min Scan# 1969

Delta R.T. -0.356 min

Lab File: BG055759.D

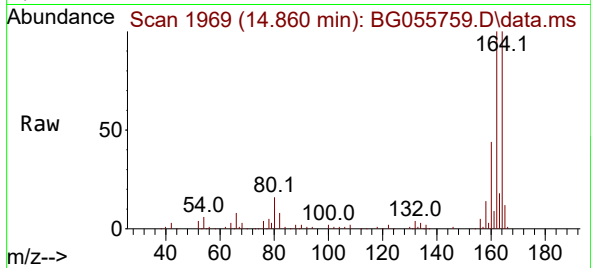
Acq: 23 Nov 2022 17:29

Instrument :

BNA_G

ClientSampleId :

PB149266BL



Tgt Ion:165 Resp: 12059

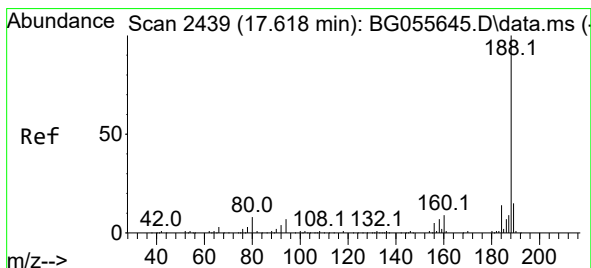
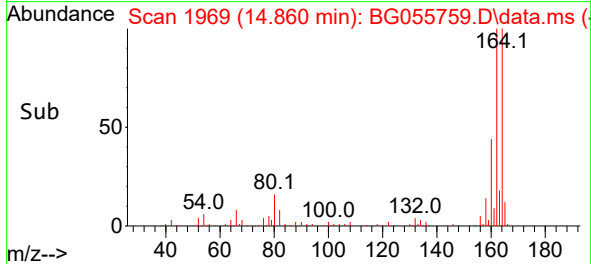
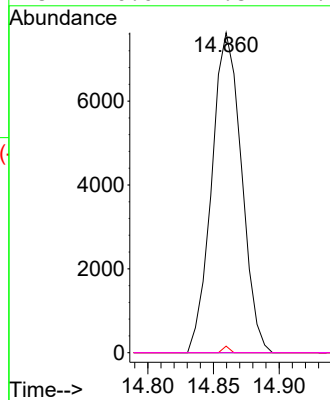
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 2.1 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.603 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BG055759.D

Acq: 23 Nov 2022 17:29

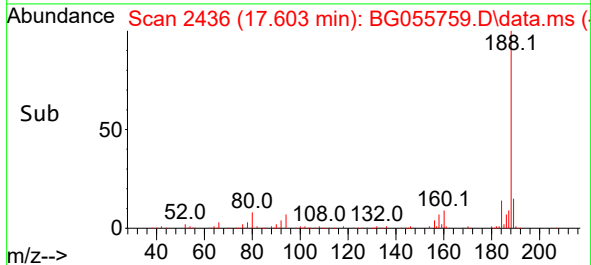
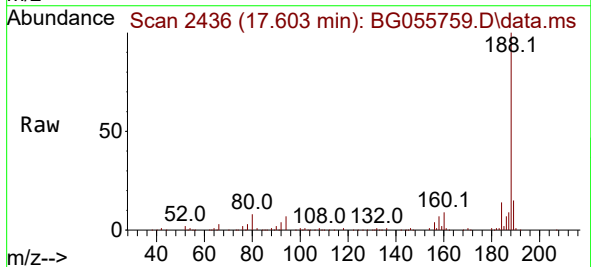
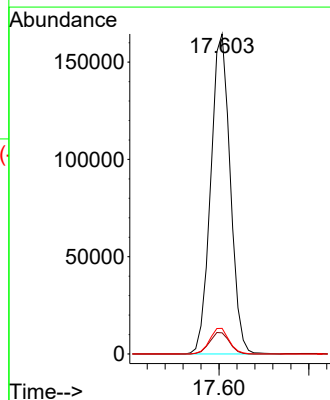
Tgt Ion:188 Resp: 247817

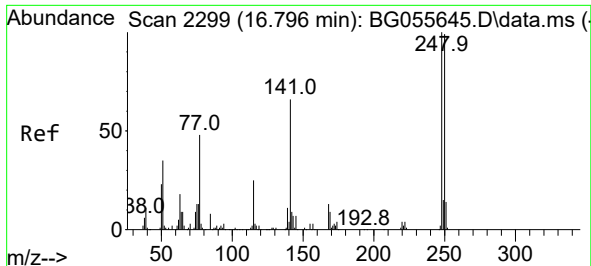
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.0 6.6 10.0

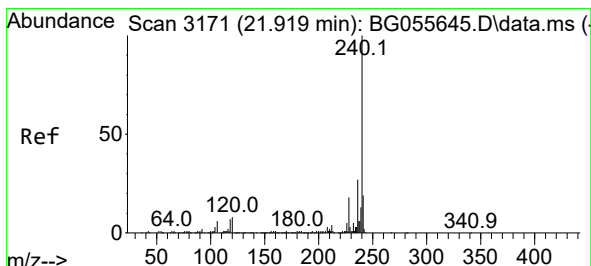
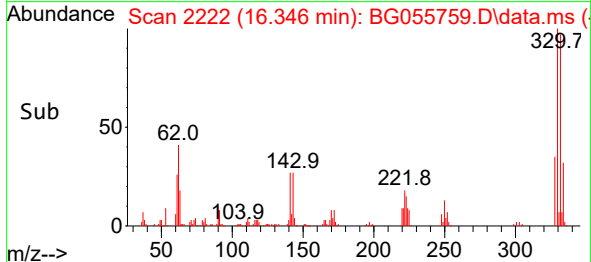
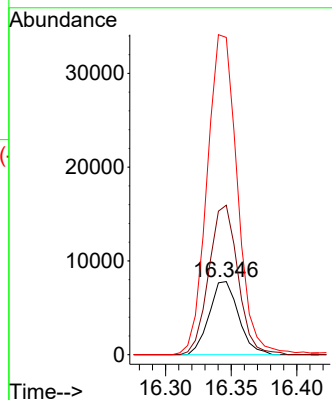
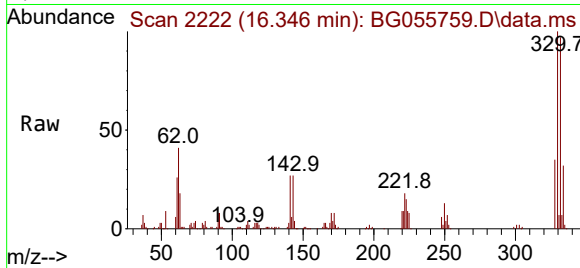




#67
4-Bromophenyl-phenylether
Concen: 4.297 ng
RT: 16.346 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

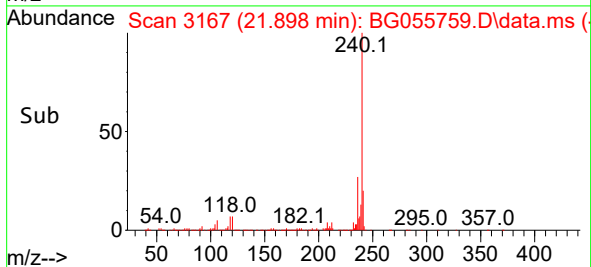
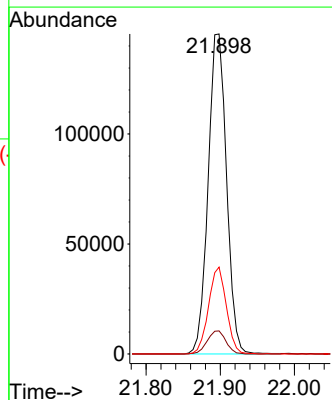
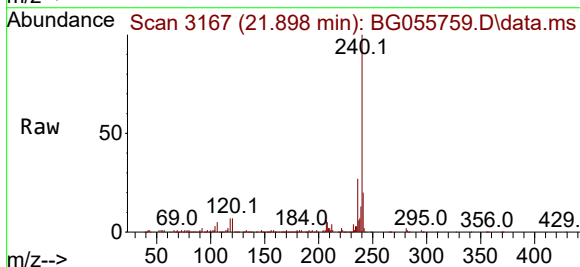
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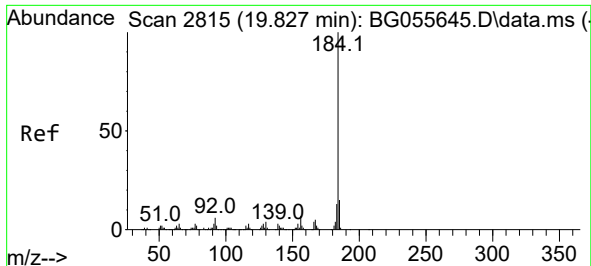
Tgt Ion:248 Resp: 12134
Ion Ratio Lower Upper
248 100
250 204.3 79.0 118.4#
141 433.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Tgt Ion:240 Resp: 250900
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 27.2 21.9 32.9

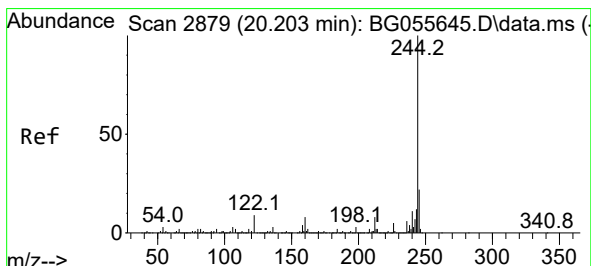
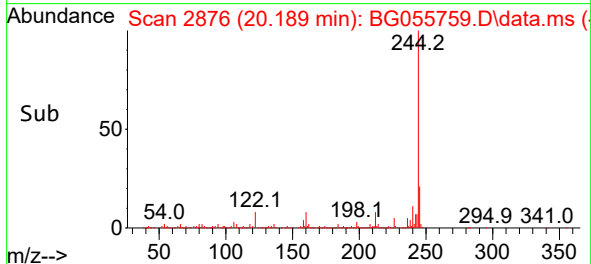
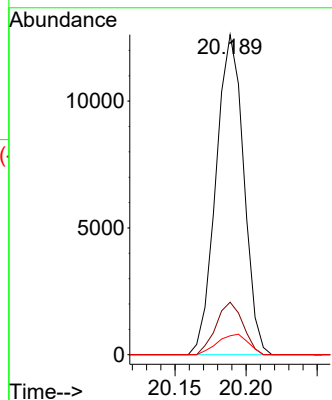
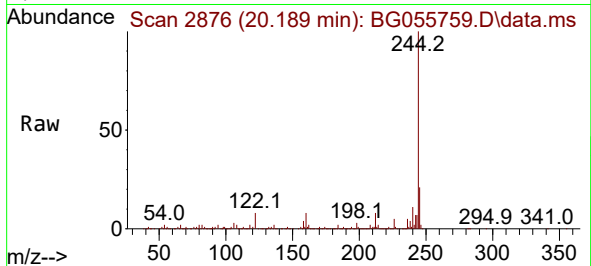




#77
Benzidine
Concen: 2.948 ng
RT: 20.189 min Scan# 2815
Delta R.T. 0.373 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

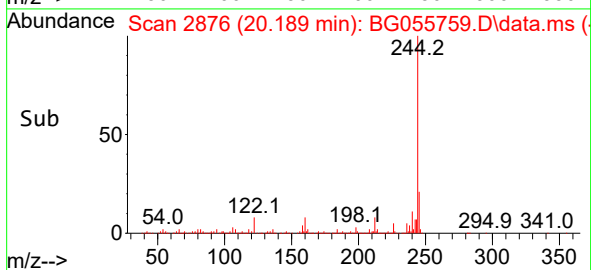
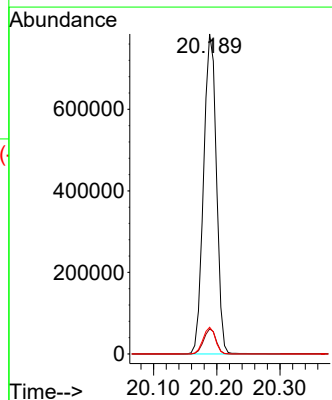
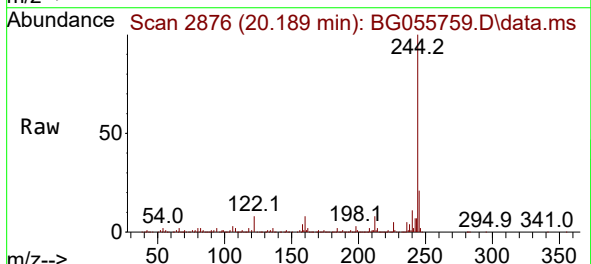
Instrument :
BNA_G
ClientSampleId :
PB149266BL

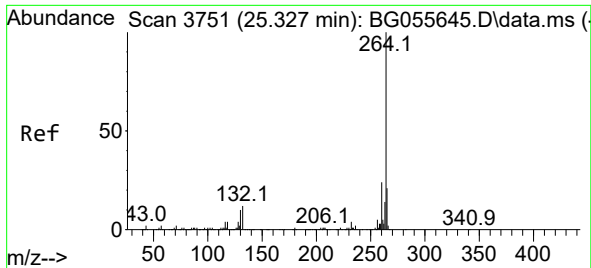
Tgt Ion:184 Resp: 17111
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 5.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 87.982 ng
RT: 20.189 min Scan# 2876
Delta R.T. -0.003 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

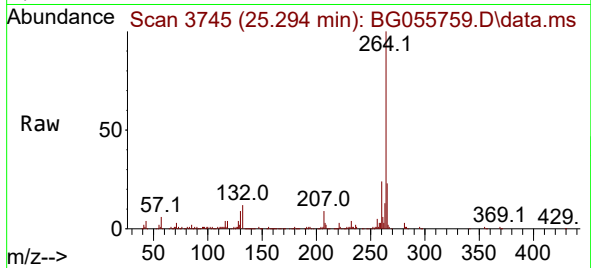
Tgt Ion:244 Resp: 1103658
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.3 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.294 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055759.D
Acq: 23 Nov 2022 17:29

Instrument :
BNA_G
ClientSampleId :
PB149266BL



Tgt Ion:264 Resp: 258833

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.0	17.1	25.7

