

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055668.D
 Acq On : 17 Nov 2022 16:31
 Operator : CG/JU
 Sample : PB149126BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149126BL

Quant Time: Nov 18 03:14:58 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 17 02:02:46 2022
 Response via : Initial Calibration

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

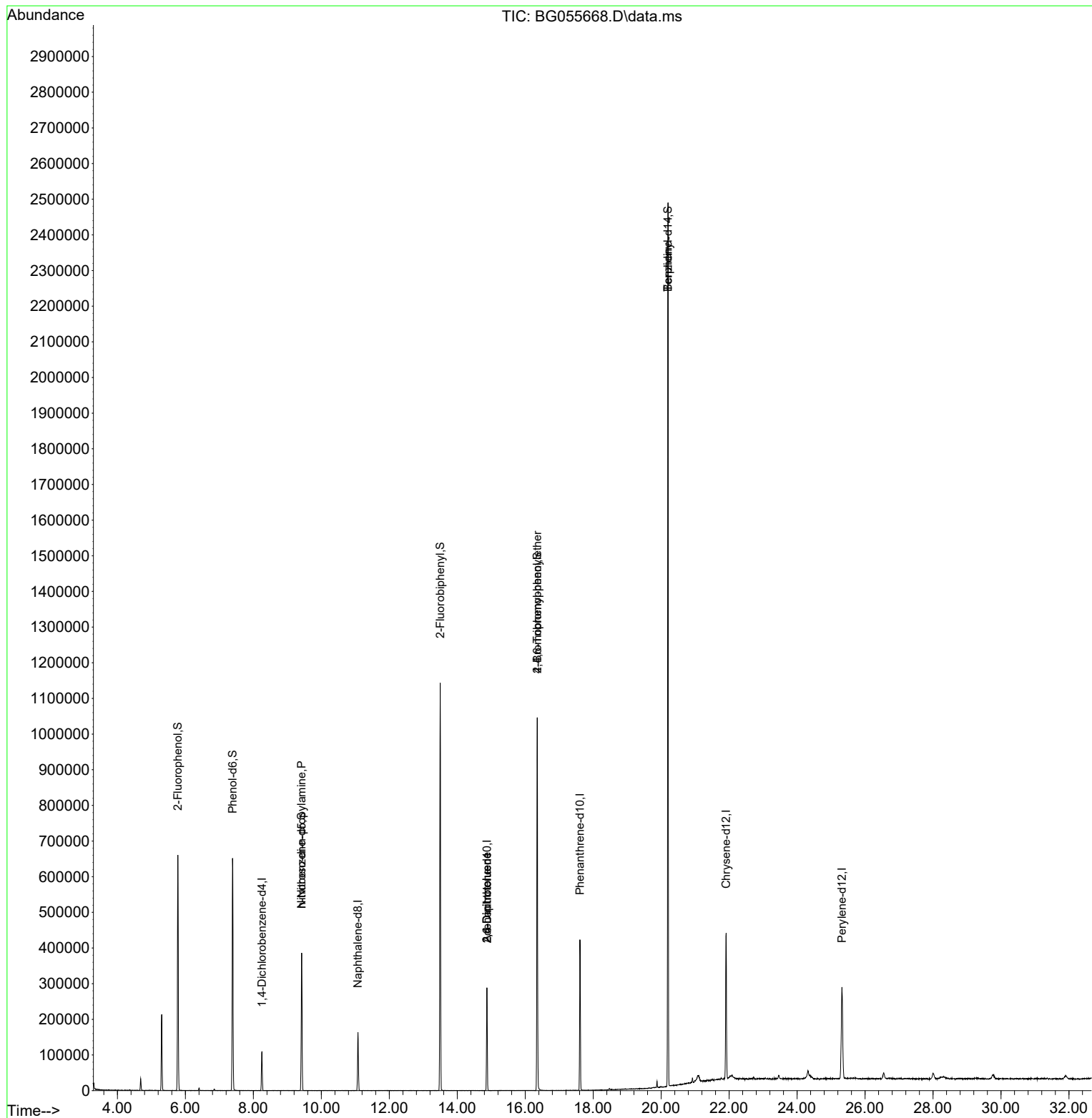
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	32359	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	138776	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	106833	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	277469	20.000	ng	0.00
76) Chrysene-d12	21.913	240	268983	20.000	ng	0.00
86) Perylene-d12	25.321	264	280568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	280045	156.428	ng	0.00
7) Phenol-d6	7.389	99	362258	152.011	ng	0.00
23) Nitrobenzene-d5	9.422	82	224277	85.419	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	217486	144.572	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	592351	83.066	ng	0.00
79) Terphenyl-d14	20.203	244	1204480	89.564	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.422	70	29882	16.320	ng	# 78
51) 2,6-Dinitrotoluene	14.874	165	14147	8.124	ng	# 24
57) 2,4-Dinitrotoluene	14.874	165	14147	5.762	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	14099	4.460	ng	# 1
77) Benzidine	20.203	184	18642	2.996	ng	# 89

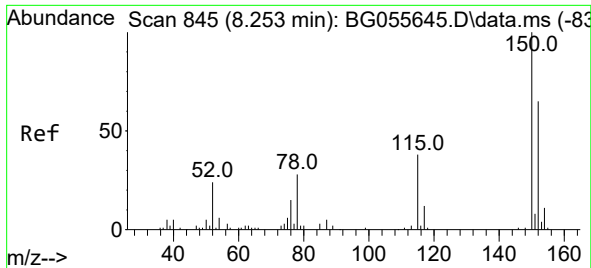
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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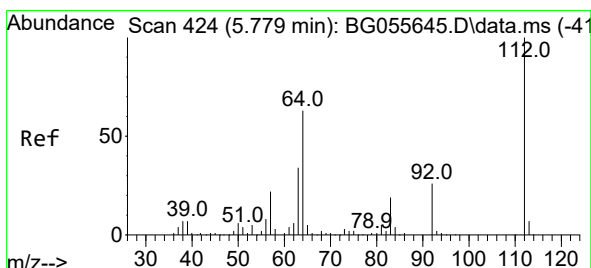
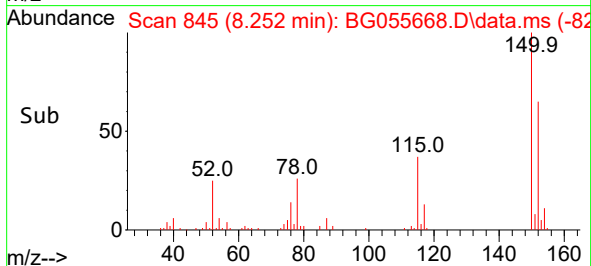
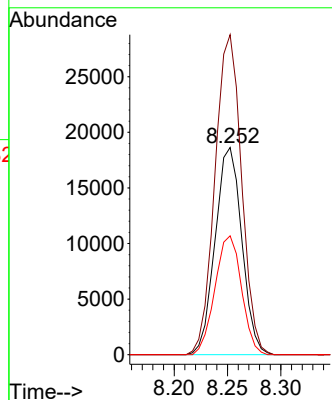
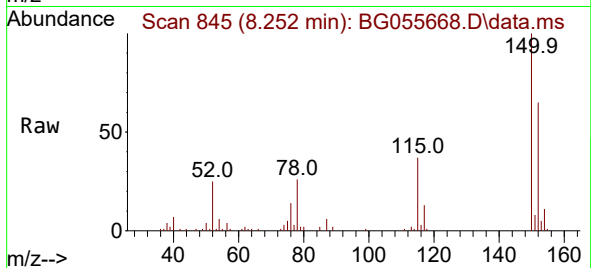




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

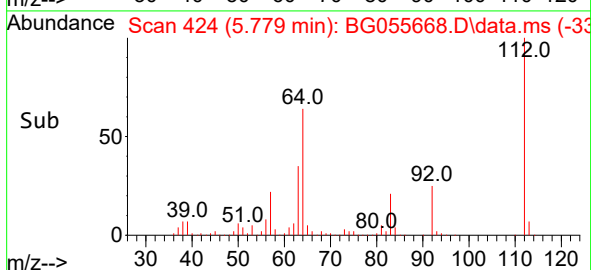
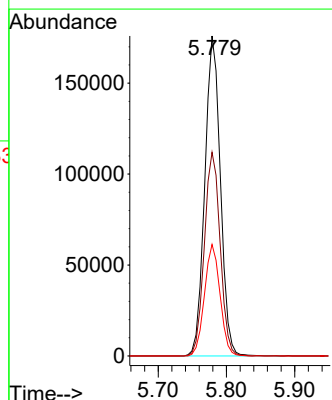
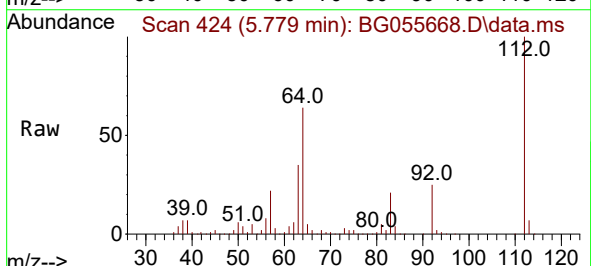
Instrument :
BNA_G
ClientSampleId :
PB149126BL

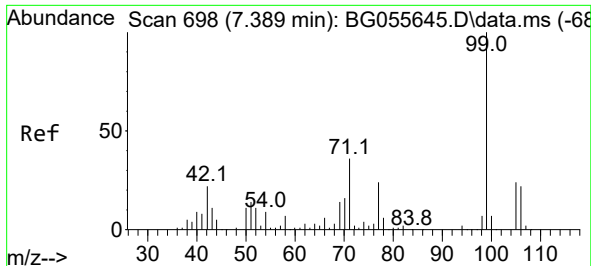
Tgt Ion:152 Resp: 32359
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 57.4 47.0 70.4



#5
2-Fluorophenol
Concen: 156.428 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:112 Resp: 280045
Ion Ratio Lower Upper
112 100
64 63.7 50.6 76.0
63 34.9 27.5 41.3

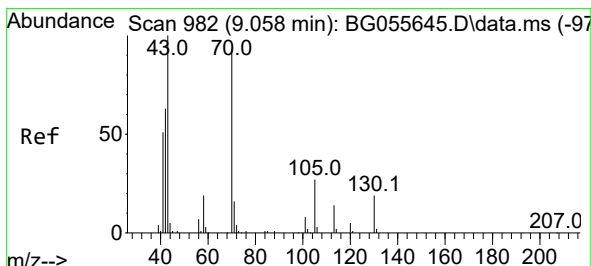
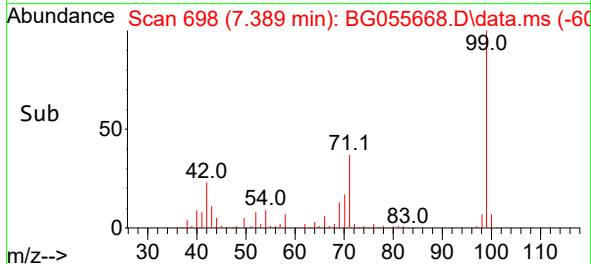
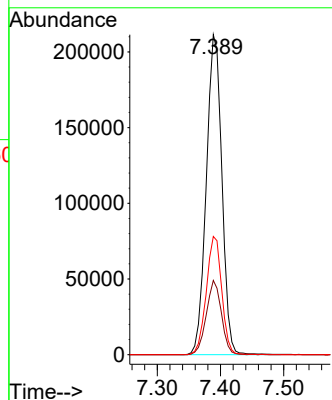
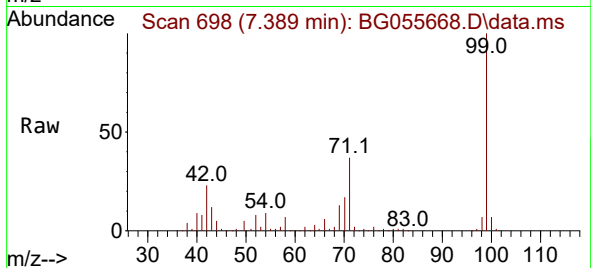




#7
Phenol-d6
Concen: 152.011 ng
RT: 7.389 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

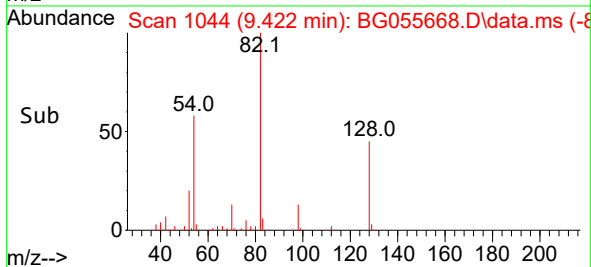
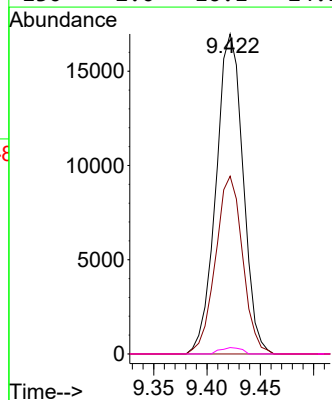
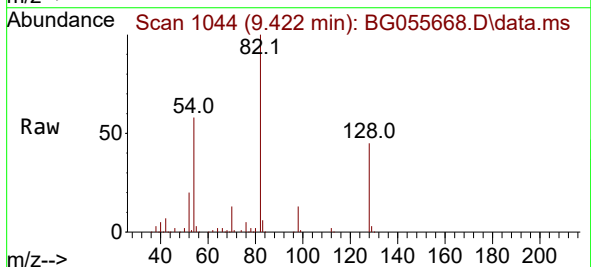
Instrument :
BNA_G
ClientSampleId :
PB149126BL

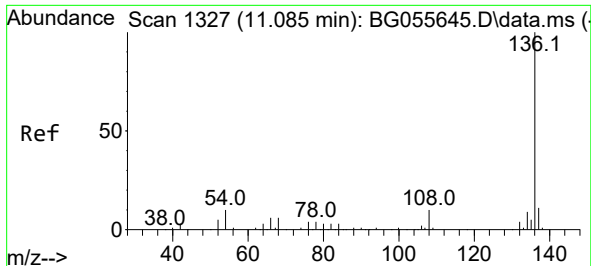
Tgt Ion: 99 Resp: 362258
Ion Ratio Lower Upper
99 100
42 23.2 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.320 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion: 70 Resp: 29882
Ion Ratio Lower Upper
70 100
42 55.6 55.2 82.8
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

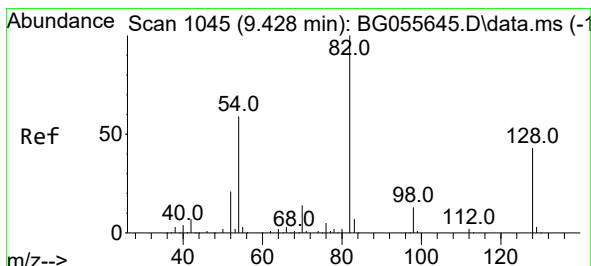
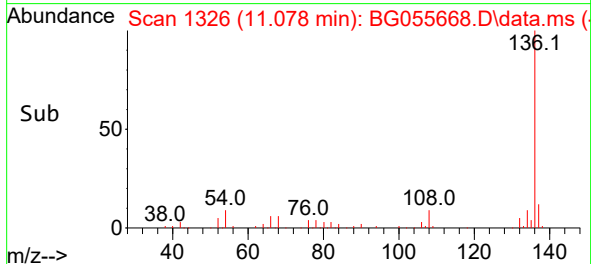
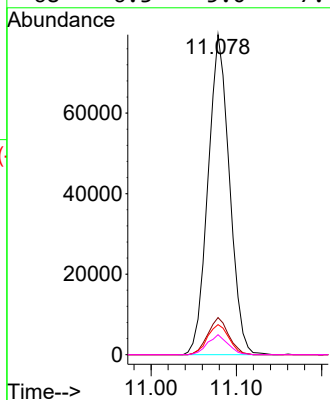
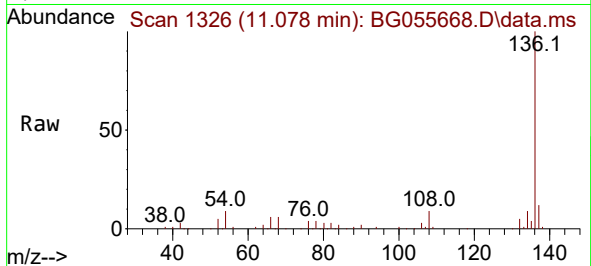




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

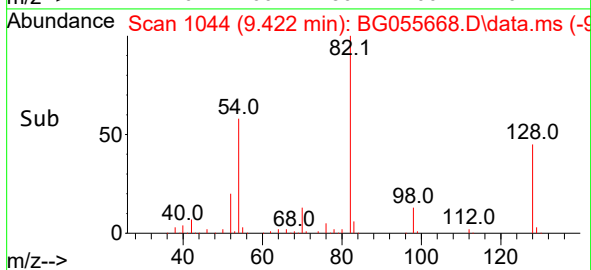
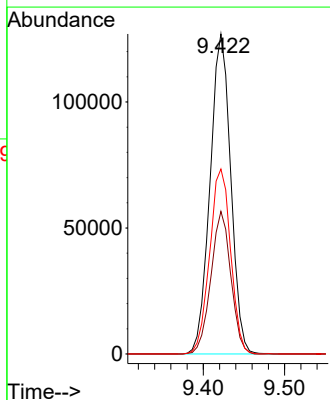
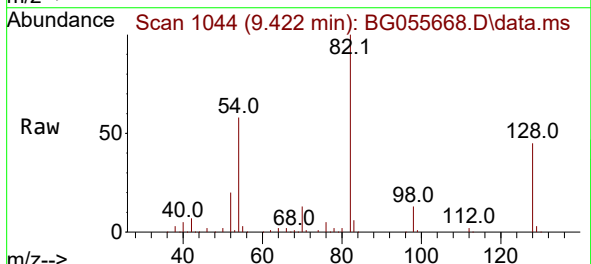
Instrument :
BNA_G
ClientSampleId :
PB149126BL

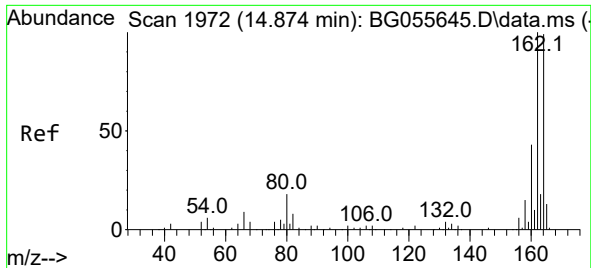
Tgt Ion:	136	Resp:	138776
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.4	7.8	11.6
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.419 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:	82	Resp:	224277
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.1	51.1
54	57.8	47.3	70.9

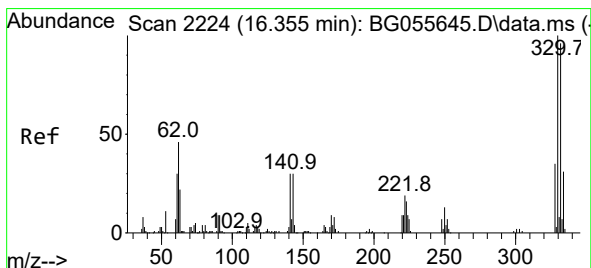
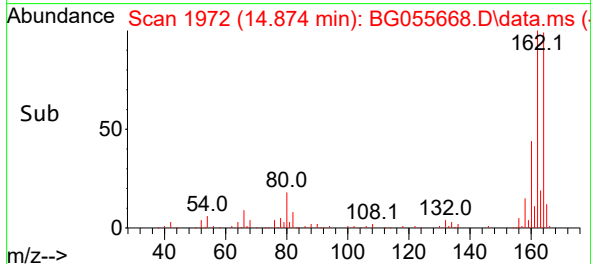
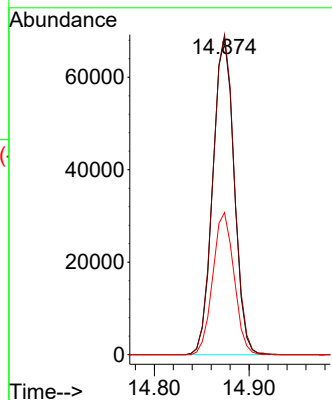
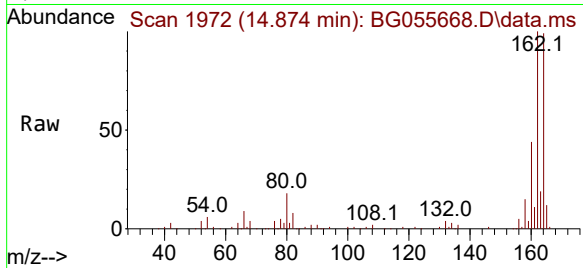




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

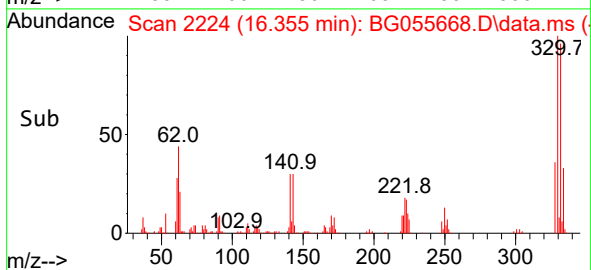
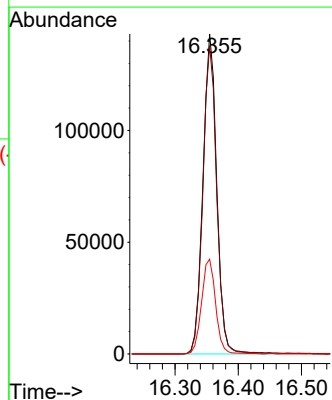
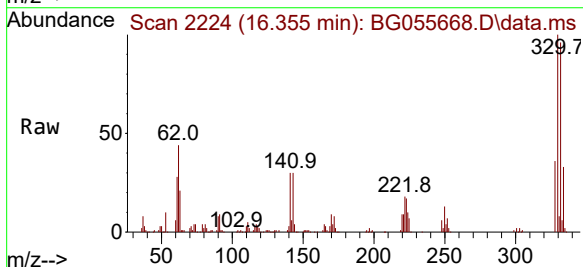
Instrument :
BNA_G
ClientSampleId :
PB149126BL

Tgt Ion:164 Resp: 106833
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 44.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 144.572 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:330 Resp: 217486
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.1 23.9 35.9

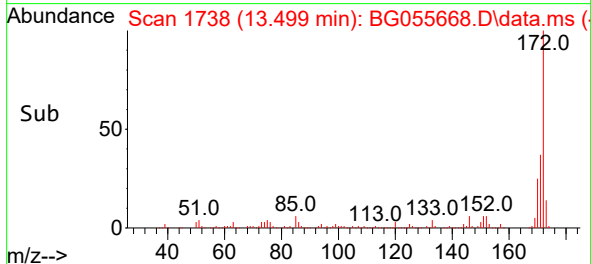
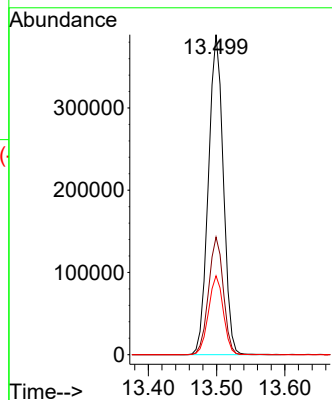
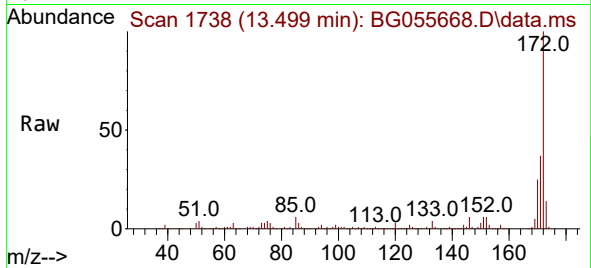




#45
2-Fluorobiphenyl
Concen: 83.066 ng
RT: 13.499 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

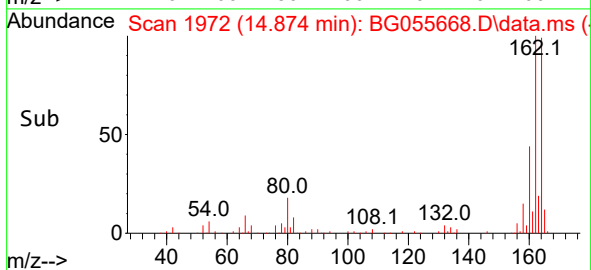
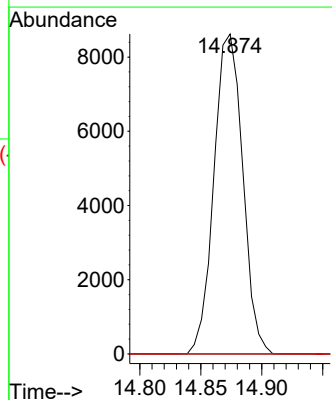
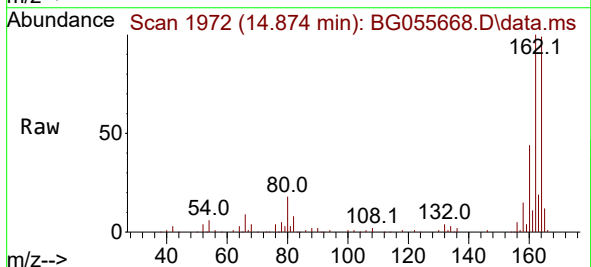
Instrument :
BNA_G
ClientSampleId :
PB149126BL

Tgt Ion:172 Resp: 592351
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.124 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:165 Resp: 14147
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: 5.762 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.347 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

Instrument :

BNA_G

ClientSampleId :

PB149126BL

Tgt Ion:165 Resp: 14147

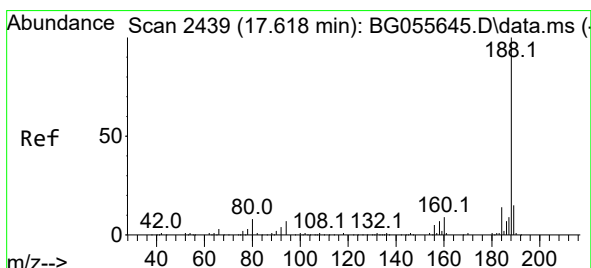
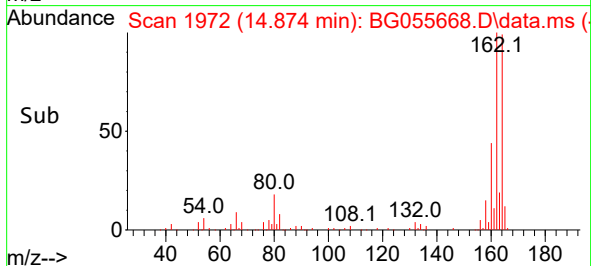
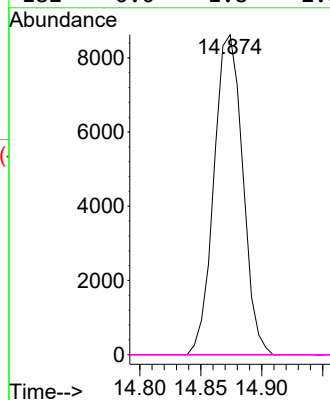
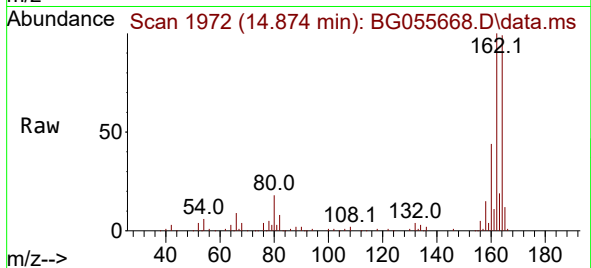
Ion Ratio Lower Upper

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: 17.612 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055668.D

Acq: 17 Nov 2022 16:31

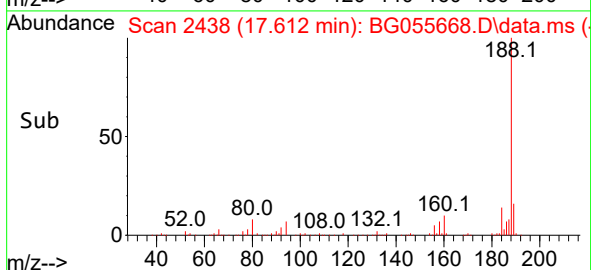
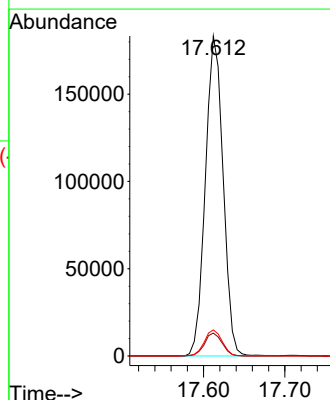
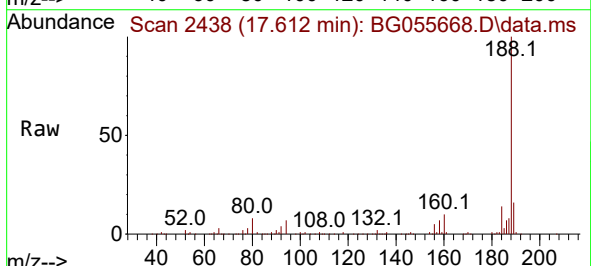
Tgt Ion:188 Resp: 277469

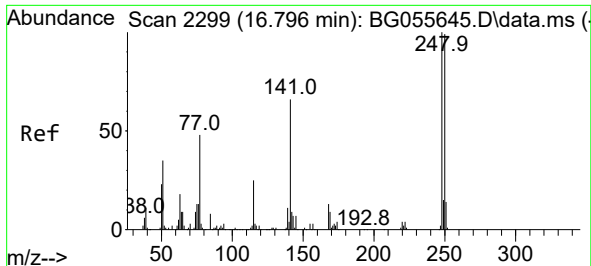
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.2 6.6 10.0

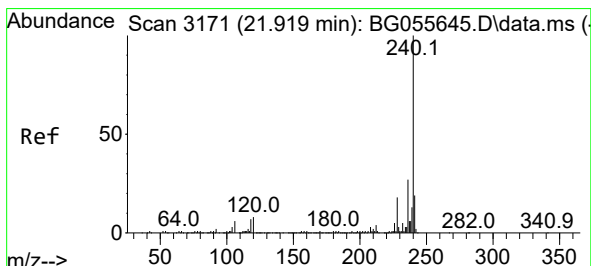
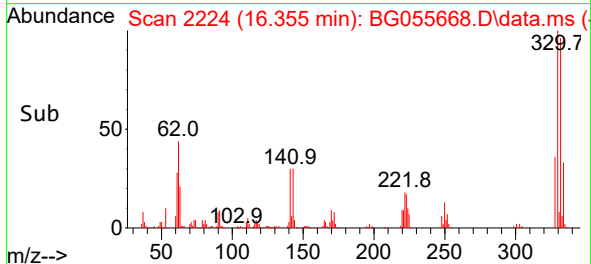
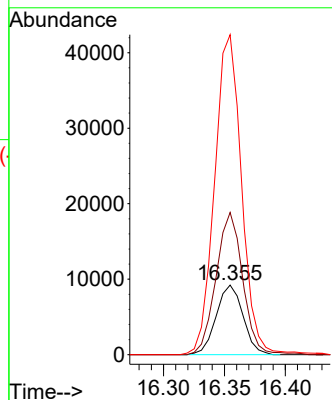
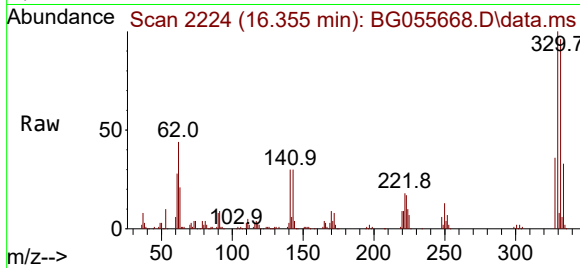




#67
4-Bromophenyl-phenylether
Concen: 4.460 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

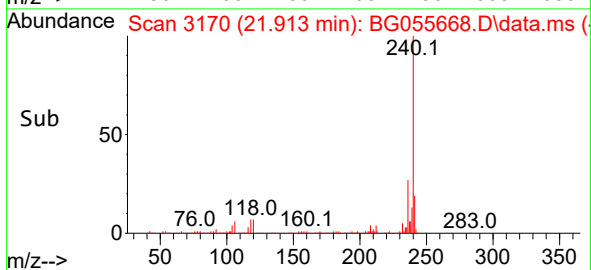
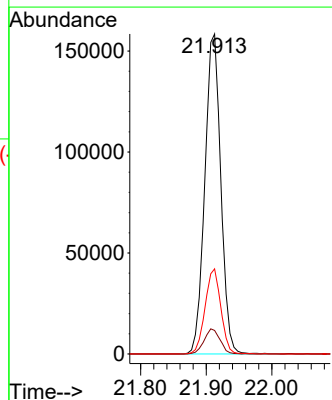
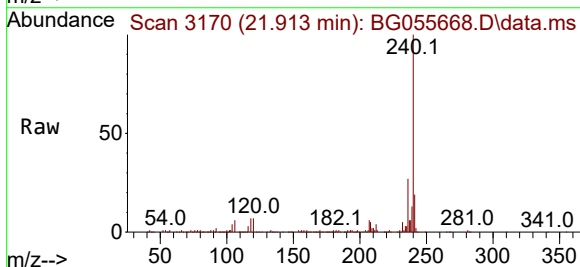
Instrument :
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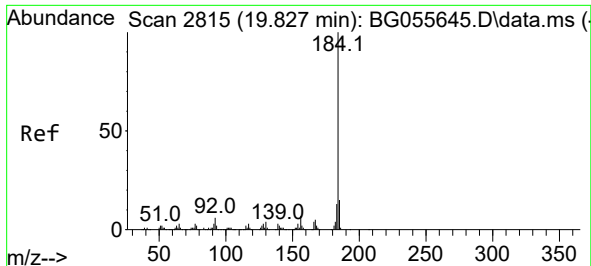
Tgt Ion:248 Resp: 14099
Ion Ratio Lower Upper
248 100
250 204.6 79.0 118.4#
141 460.1 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:240 Resp: 268983
Ion Ratio Lower Upper
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120 7.4 6.3 9.5
236 26.6 21.9 32.9

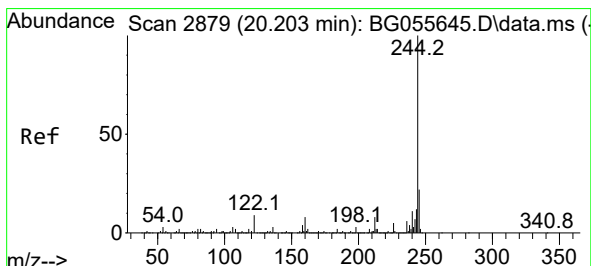
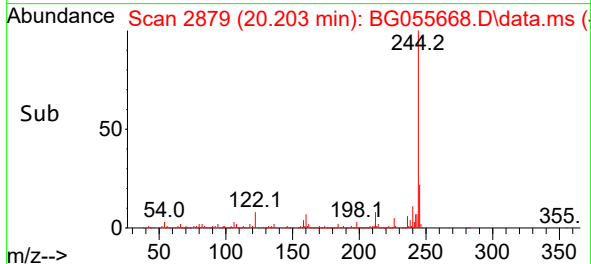
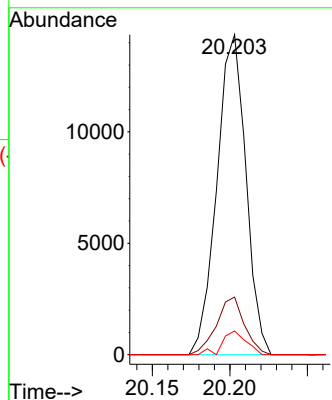
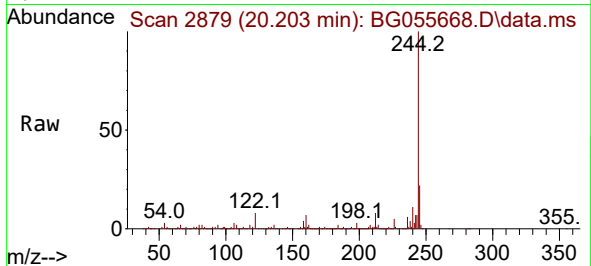




#77
Benzidine
Concen: 2.996 ng
RT: 20.203 min Scan# 2815
Delta R.T. 0.376 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

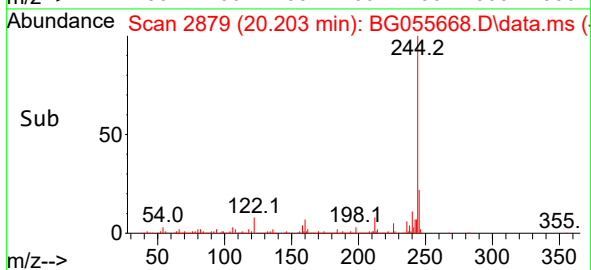
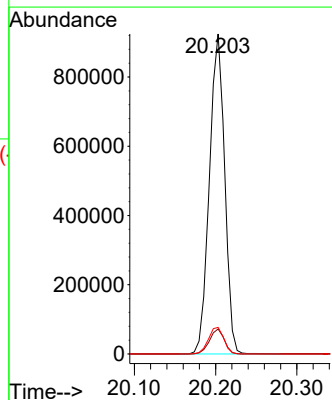
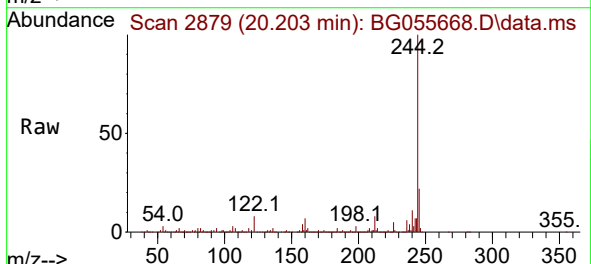
Instrument :
BNA_G
ClientSampleId :
PB149126BL

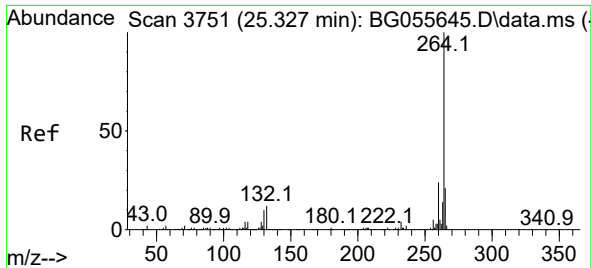
Tgt Ion:184 Resp: 18642
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.8#
183 7.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 89.564 ng
RT: 20.203 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BG055668.D
Acq: 17 Nov 2022 16:31

Tgt Ion:244 Resp: 1204480
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.3 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055668.D
 Acq: 17 Nov 2022 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB149126BL

Tgt Ion:264 Resp: 280568
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.0 17.1 25.7

