

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057091.D
 Acq On : 13 Apr 2023 21:28
 Operator : CG/JU
 Sample : 02262-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-3A-040723

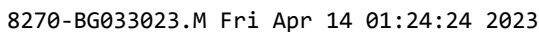
Quant Time: Apr 14 01:24:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

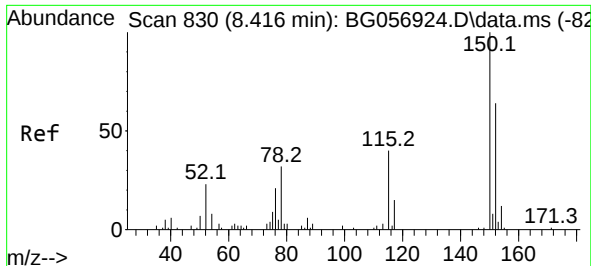
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	12191	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	50335	20.000	ng	# 0.00
39) Acenaphthene-d10	15.011	164	36265	20.000	ng	0.00
64) Phenanthrene-d10	17.749	188	91859	20.000	ng	#-0.01
76) Chrysene-d12	22.066	240	89832	20.000	ng	#-0.01
86) Perylene-d12	25.597	264	96880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	100436	131.853	ng	0.00
7) Phenol-d6	7.533	99	131359	115.303	ng	0.00
23) Nitrobenzene-d5	9.577	82	98316	79.922	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	82965	143.205	ng	0.00
45) 2-Fluorobiphenyl	13.637	172	222280	83.114	ng	0.00
79) Terphenyl-d14	20.322	244	474053	89.297	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.577	70	13266	16.280	ng	# 83
51) 2,6-Dinitrotoluene	15.011	165	4843	7.845	ng	# 21
57) 2,4-Dinitrotoluene	15.011	165	4843	5.562	ng	# 22
67) 4-Bromophenyl-phenylether	16.492	248	5008	4.406	ng	# 1
77) Benzidine	20.322	184	8658	3.526	ng	# 89

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

Quant Time: Apr 14 01:24:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

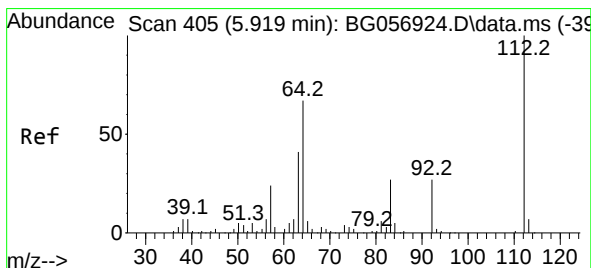
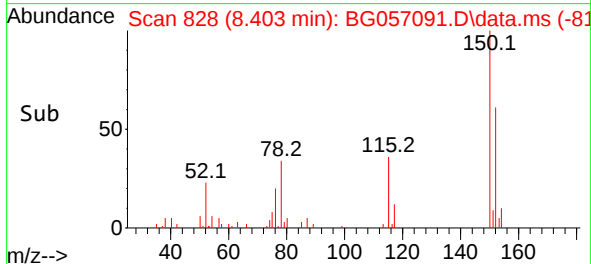
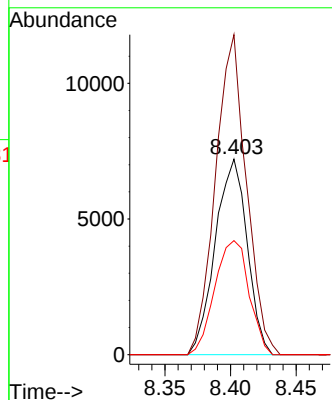
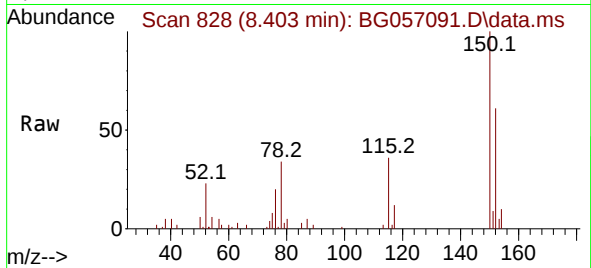




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

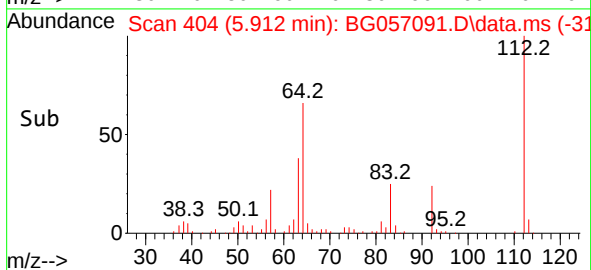
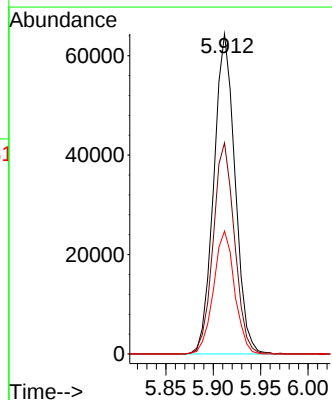
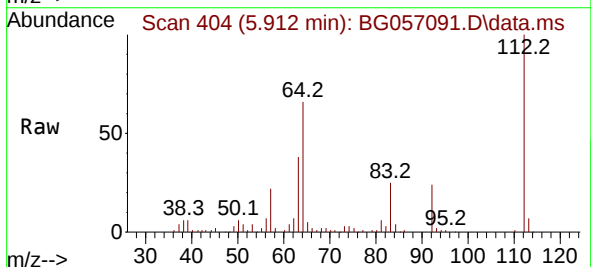
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

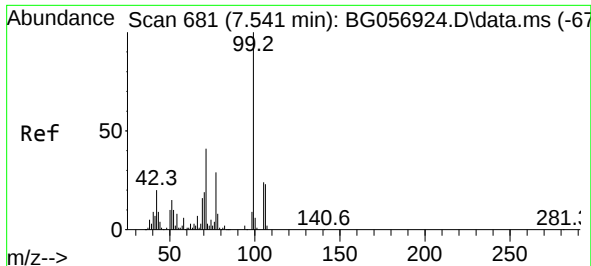
Tgt Ion:152 Resp: 12191
Ion Ratio Lower Upper
152 100
150 163.6 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 131.853 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:112 Resp: 100436
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 38.4 32.6 48.8

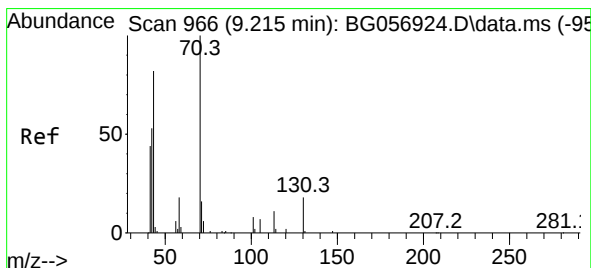
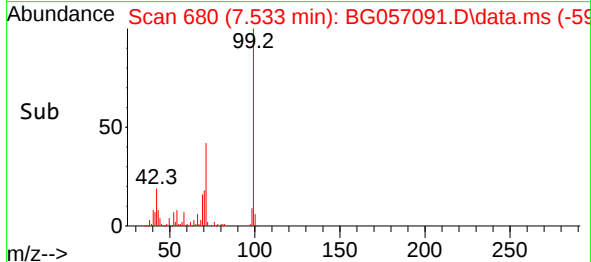
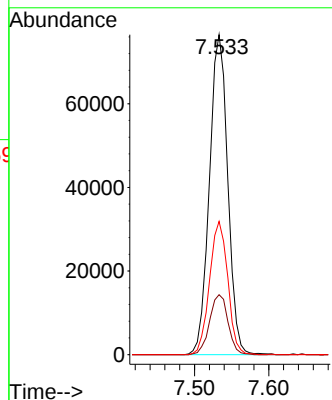
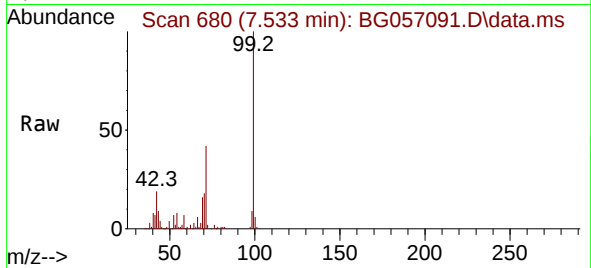




#7
Phenol-d6
Concen: 115.303 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

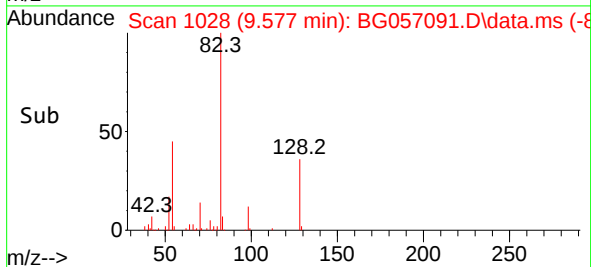
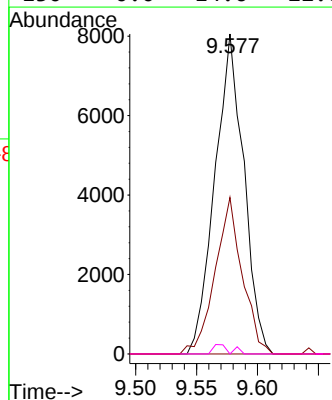
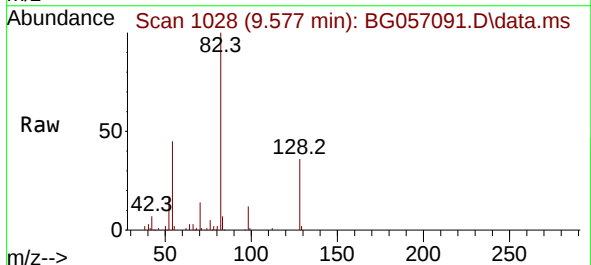
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

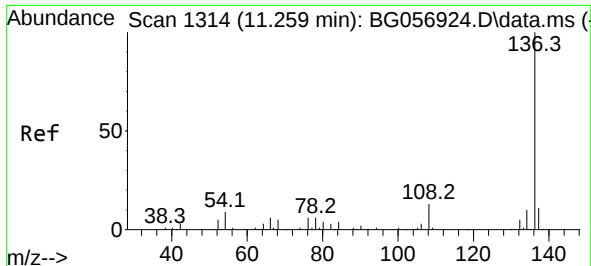
Tgt Ion: 99 Resp: 131359
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 41.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.280 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion: 70 Resp: 13266
Ion Ratio Lower Upper
70 100
42 48.9 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

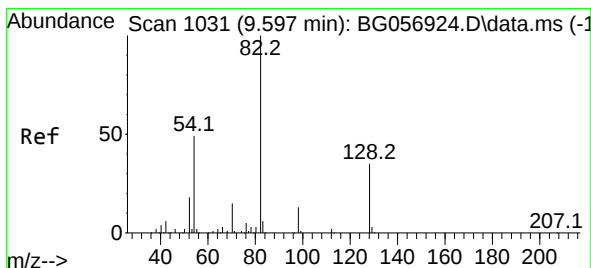
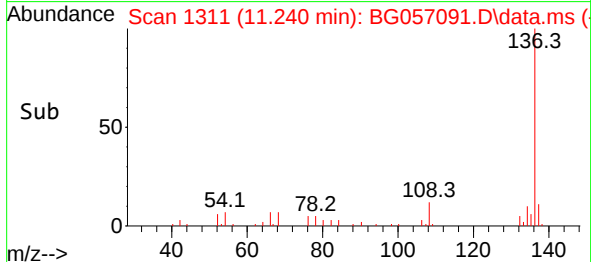
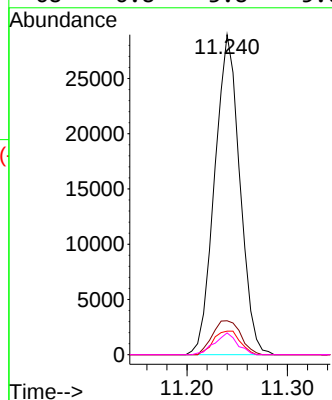
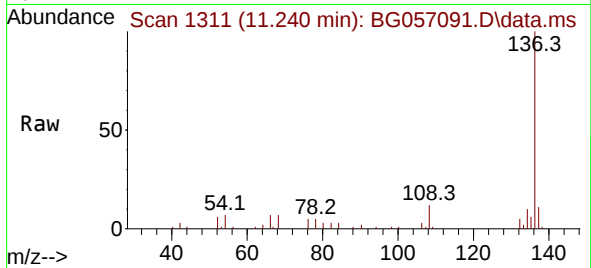




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

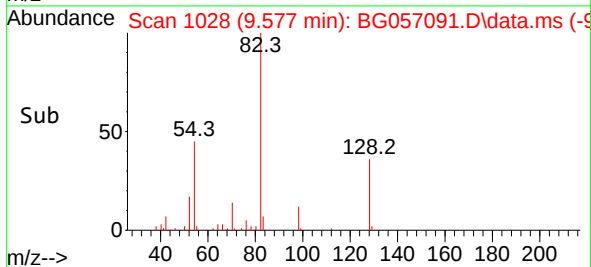
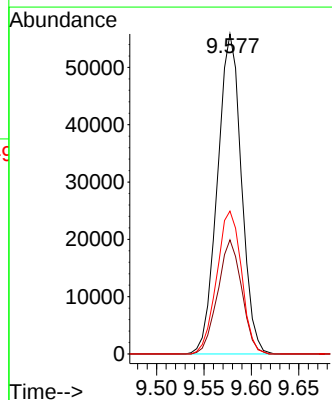
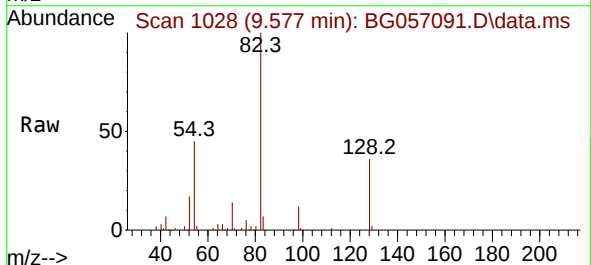
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

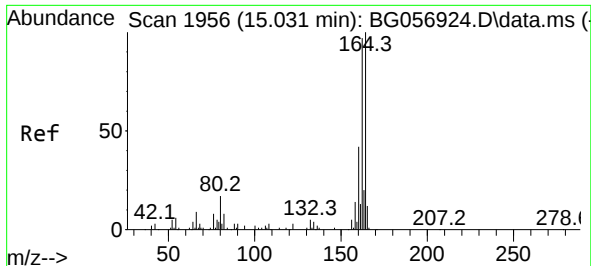
Tgt Ion:	136	Resp:	50335
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	7.4	6.9	10.3
68	6.8	3.8	5.6



#23
Nitrobenzene-d5
Concen: 79.922 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:	82	Resp:	98316
Ion Ratio	Lower	Upper	
82	100		
128	35.7	27.9	41.9
54	44.6	39.4	59.2

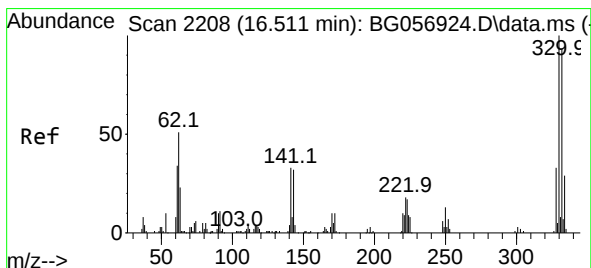
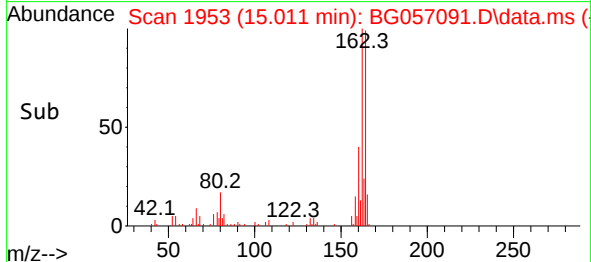
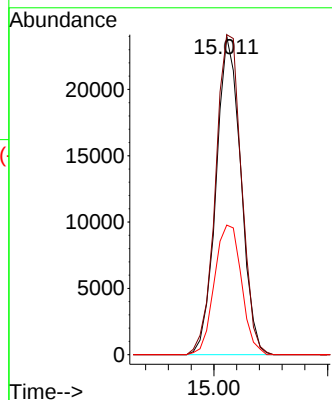
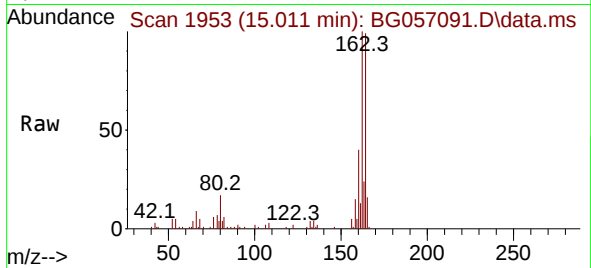




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.011 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

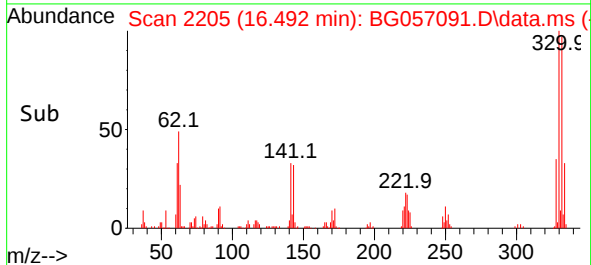
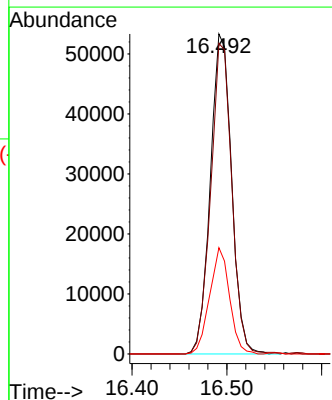
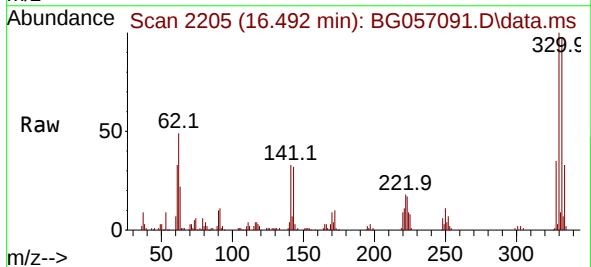
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

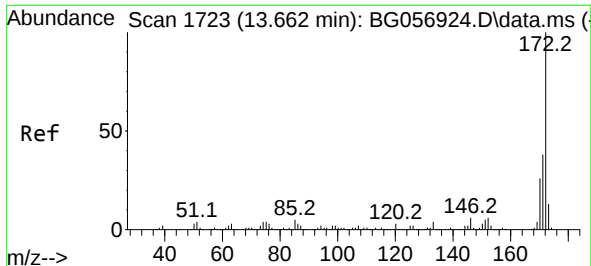
Tgt Ion:164 Resp: 36265
Ion Ratio Lower Upper
164 100
162 100.6 77.8 116.8
160 40.7 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 143.205 ng
RT: 16.492 min Scan# 2205
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:330 Resp: 82965
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 31.1 25.8 38.6

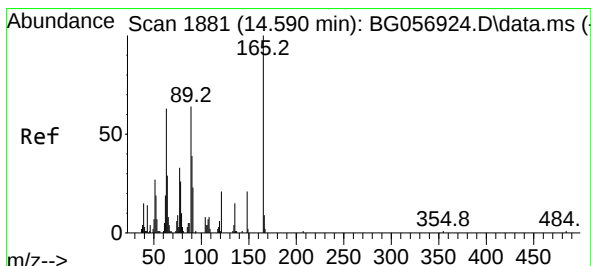
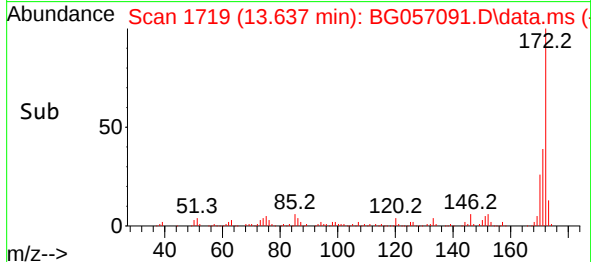
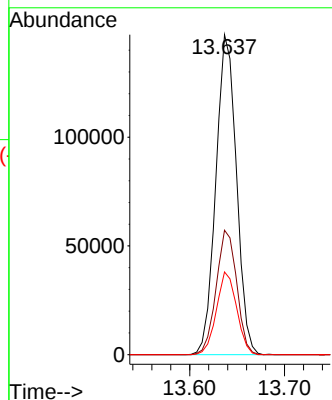
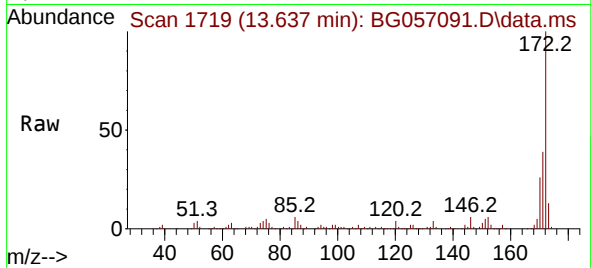




#45
2-Fluorobiphenyl
Concen: 83.114 ng
RT: 13.637 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

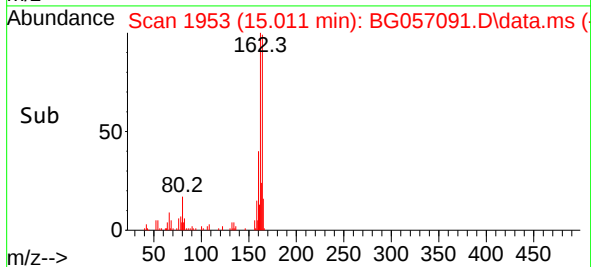
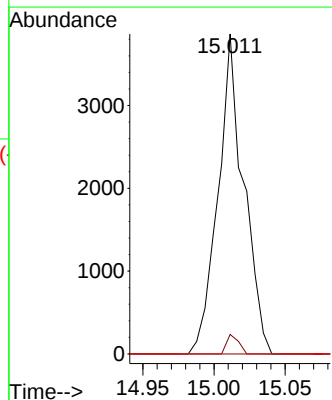
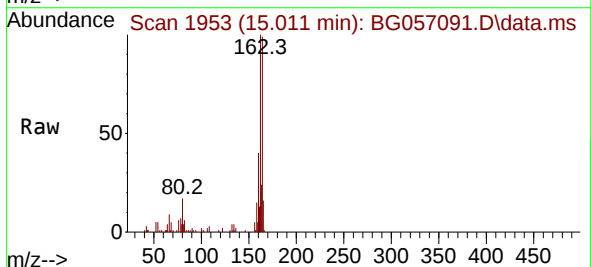
Instrument :
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ClientSampleId :
JPP-3A-040723

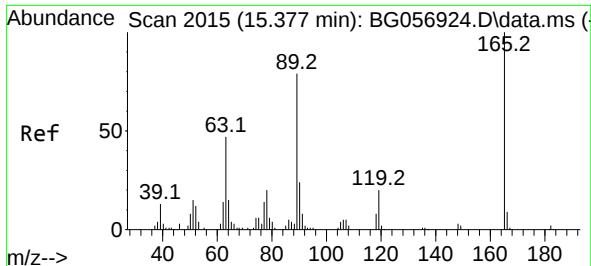
Tgt Ion:172 Resp: 222280
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 25.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 15.011 min Scan# 1953
Delta R.T. 0.426 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:165 Resp: 4843
Ion Ratio Lower Upper
165 100
63 6.1 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.562 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.355 min

Lab File: BG057091.D

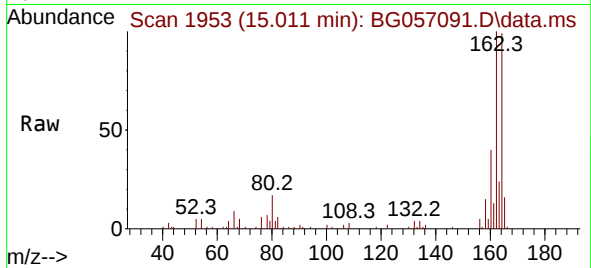
Acq: 13 Apr 2023 21:28

Instrument :

BNA_G

ClientSampleId :

JPP-3A-040723



Tgt Ion:165 Resp: 4843

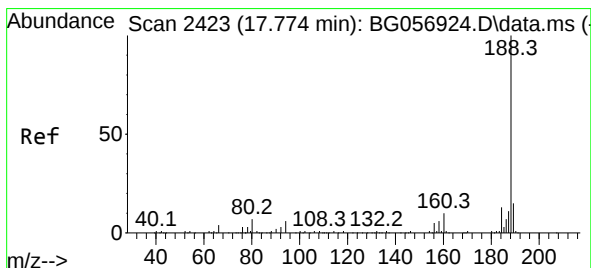
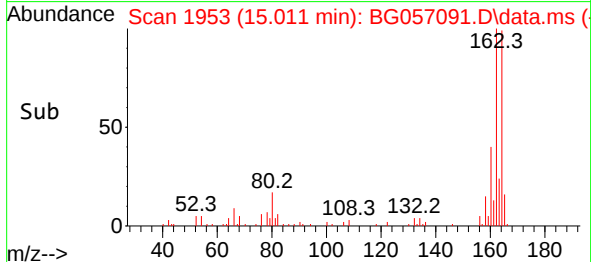
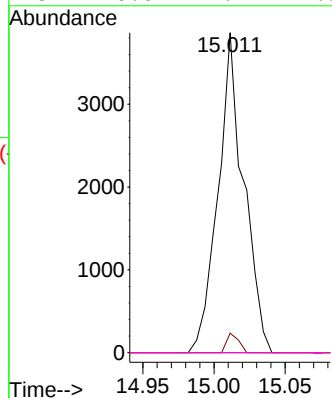
Ion Ratio Lower Upper

165 100

63 6.1 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.749 min Scan# 2419

Delta R.T. -0.015 min

Lab File: BG057091.D

Acq: 13 Apr 2023 21:28

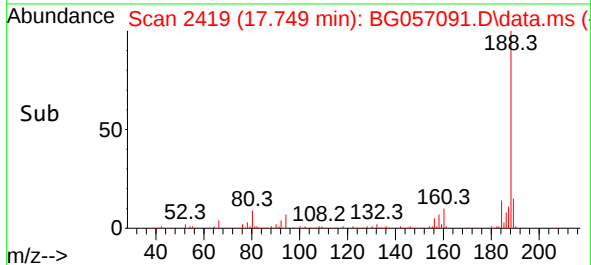
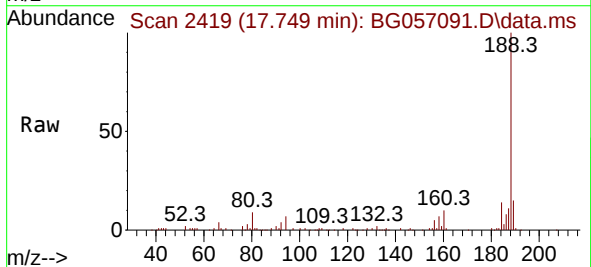
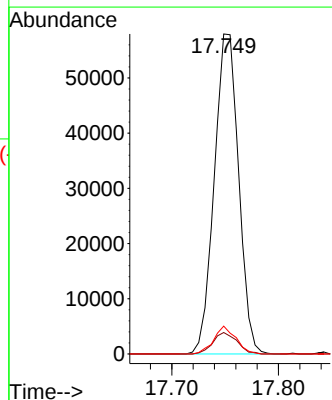
Tgt Ion:188 Resp: 91859

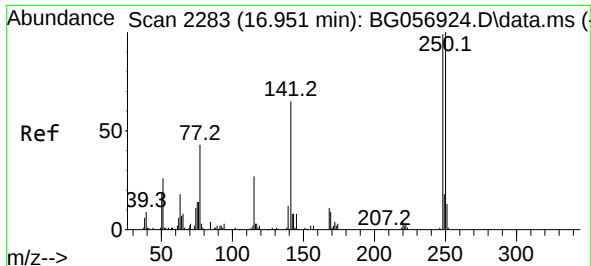
Ion Ratio Lower Upper

188 100

94 6.7 4.6 6.8

80 8.7 5.5 8.3#

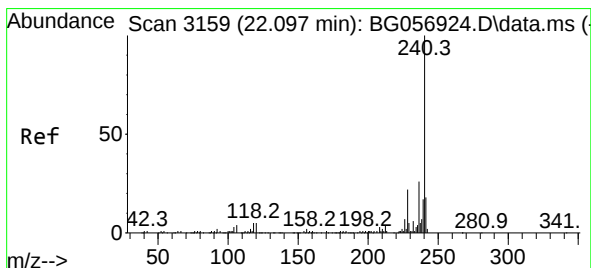
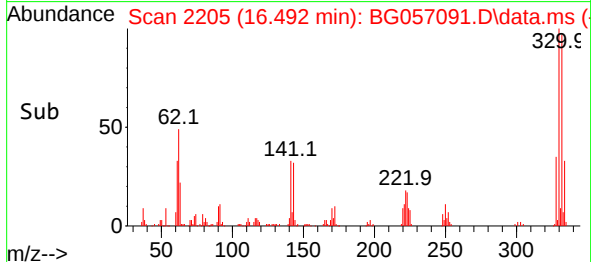
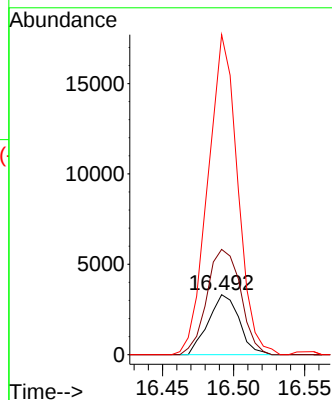
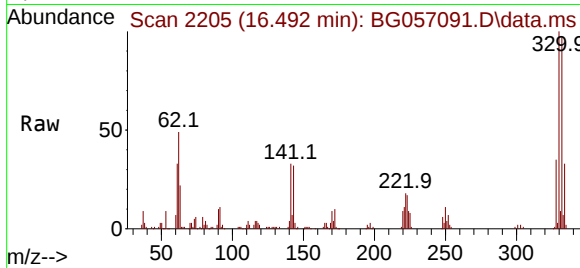




#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

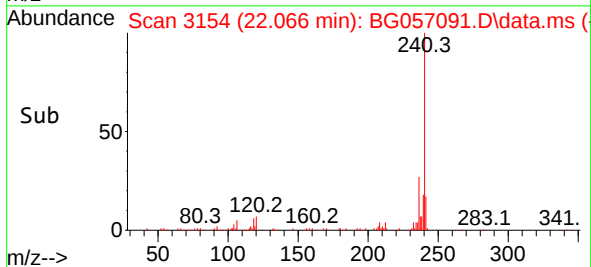
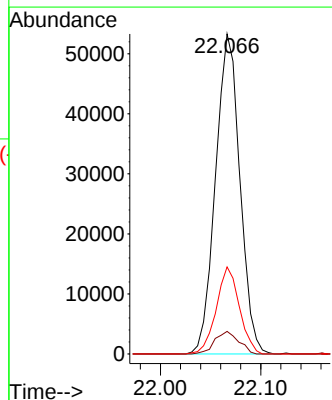
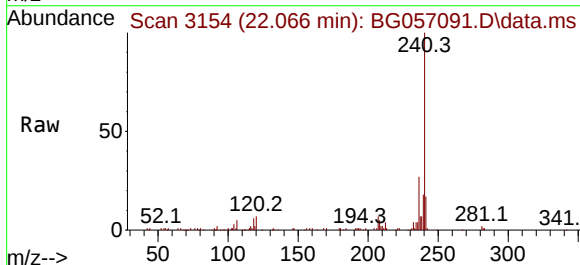
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

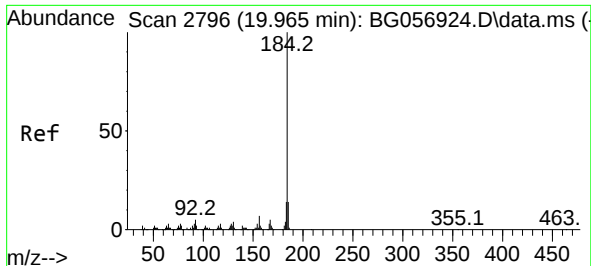
Tgt Ion:248 Resp: 5008
Ion Ratio Lower Upper
248 100
250 175.2 80.5 120.7#
141 532.8 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:240 Resp: 89832
Ion Ratio Lower Upper
240 100
120 7.0 3.8 5.6#
236 27.2 21.0 31.6

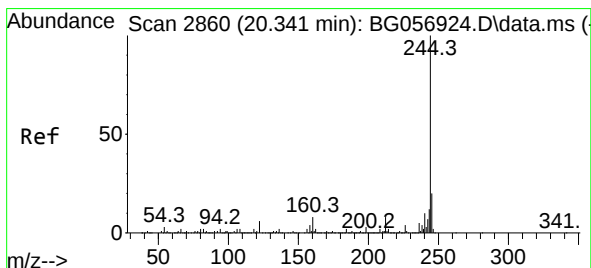
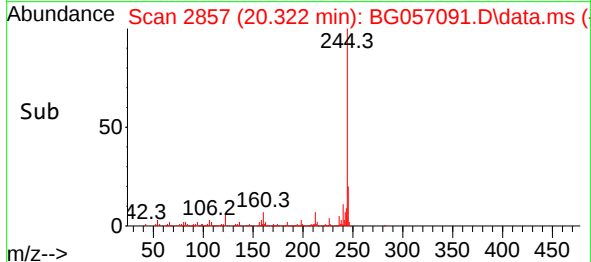
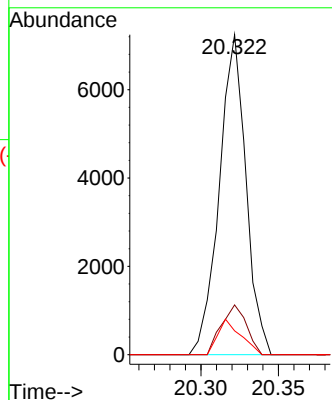
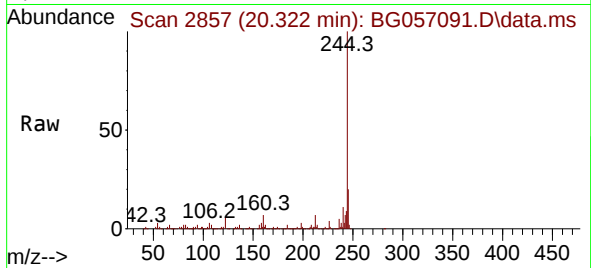




#77
Benzidine
Concen: 3.526 ng
RT: 20.322 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

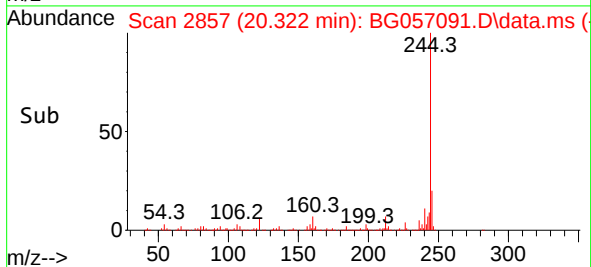
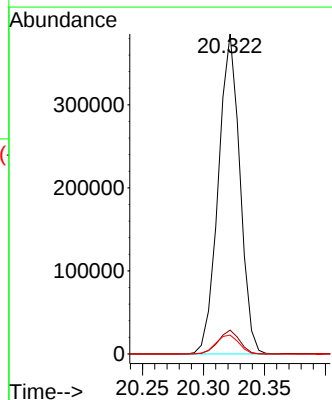
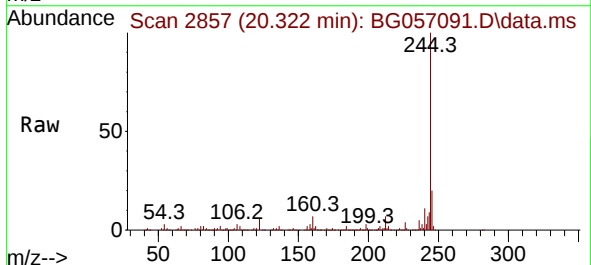
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

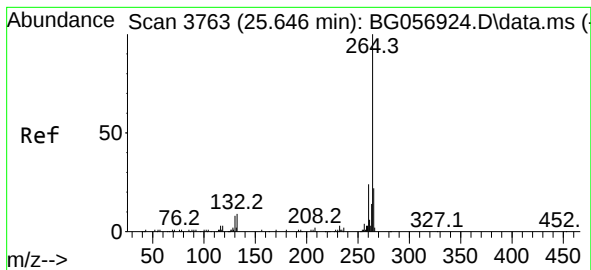
Tgt Ion:184 Resp: 8658
Ion Ratio Lower Upper
184 100
185 15.6 11.0 16.4
183 7.5 11.4 17.0#



#79
Terphenyl-d14
Concen: 89.297 ng
RT: 20.322 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:244 Resp: 474053
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.9 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.597 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG057091.D

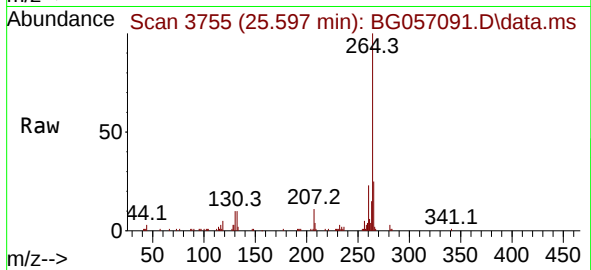
Acq: 13 Apr 2023 21:28

Instrument :

BNA_G

ClientSampleId :

JPP-3A-040723



Tgt Ion:264 Resp: 96880

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 25.0 17.8 26.6

