

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG057006.D
 Acq On : 6 Apr 2023 1:29
 Operator : CG/JU
 Sample : 02126-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-A

Quant Time: Apr 06 03:01:14 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 06 01:57:04 2023
 Response via : Initial Calibration

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

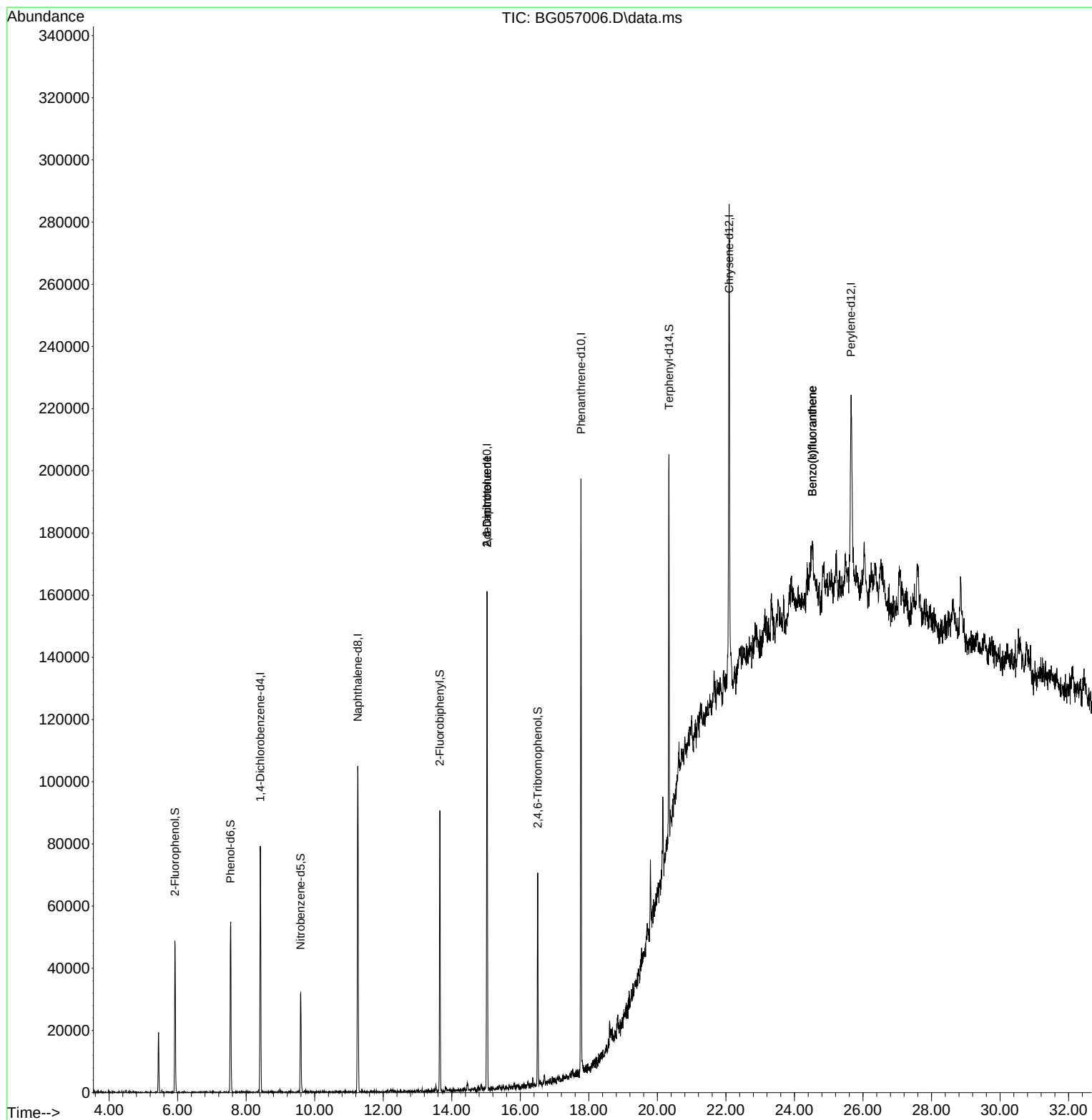
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	22131	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	86900	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	58373	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	119591	20.000	ng	# 0.00
76) Chrysene-d12	22.094	240	100605	20.000	ng	0.00
86) Perylene-d12	25.648	264	88241	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	21455	15.516	ng	0.00
7) Phenol-d6	7.543	99	31908	15.428	ng	0.00
23) Nitrobenzene-d5	9.588	82	21148	9.958	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	13168	14.121	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	46492	10.800	ng	0.00
79) Terphenyl-d14	20.338	244	60291	10.141	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	15.027	165	7846	7.895	ng	# 21
57) 2,4-Dinitrotoluene	15.027	165	7846	5.598	ng	# 22
88) Benzo(b)fluoranthene	24.520	252	17841	3.233	ng	# 39
89) Benzo(k)fluoranthene	24.520	252	17841	3.239	ng	# 35

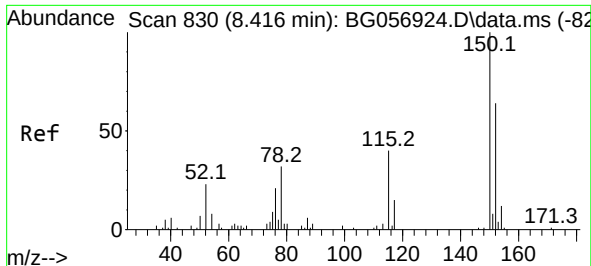
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
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Quant Time: Apr 06 03:01:14 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

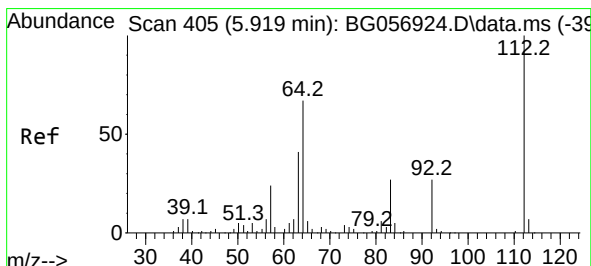
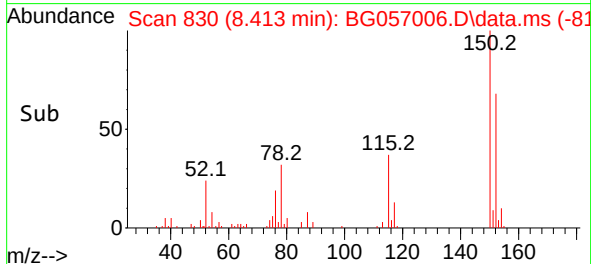
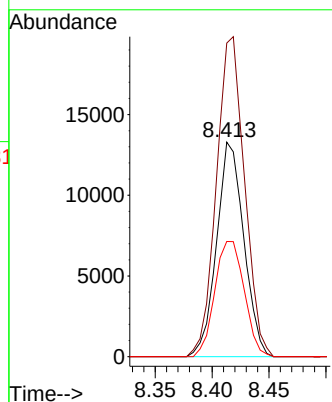
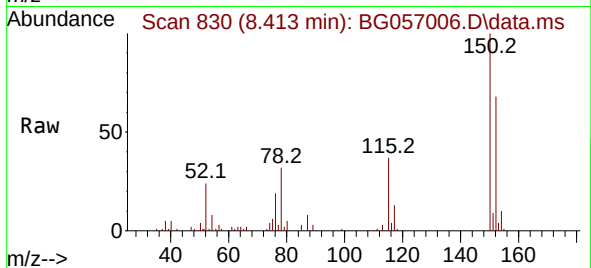




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

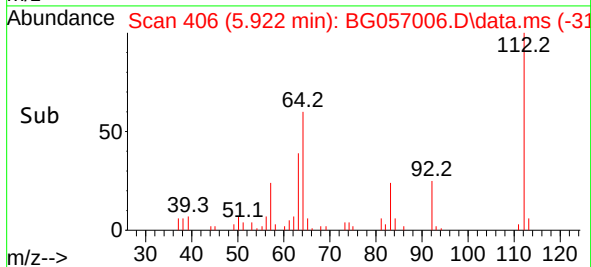
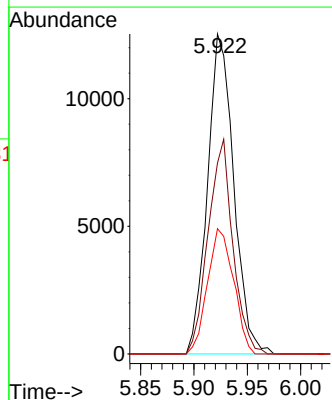
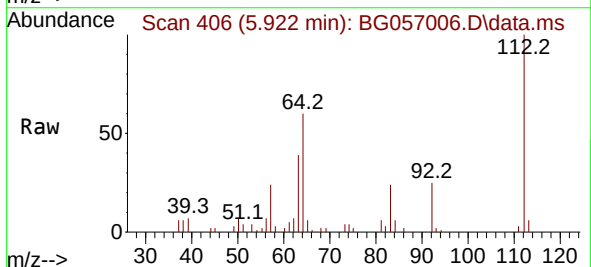
Instrument :
BNA_G
ClientSampleId :
RS-A

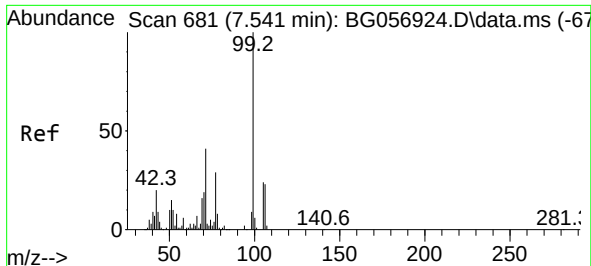
Tgt Ion:152 Resp: 22131
Ion Ratio Lower Upper
152 100
150 146.1 124.1 186.1
115 53.7 49.1 73.7



#5
2-Fluorophenol
Concen: 15.516 ng
RT: 5.922 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

Tgt Ion:112 Resp: 21455
Ion Ratio Lower Upper
112 100
64 59.6 53.2 79.8
63 39.2 32.6 48.8

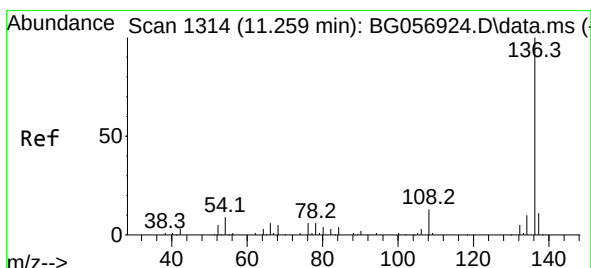
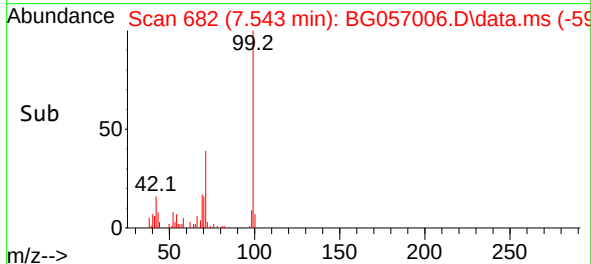
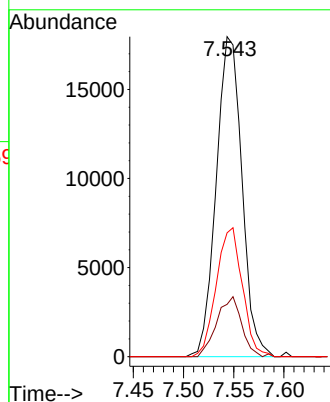
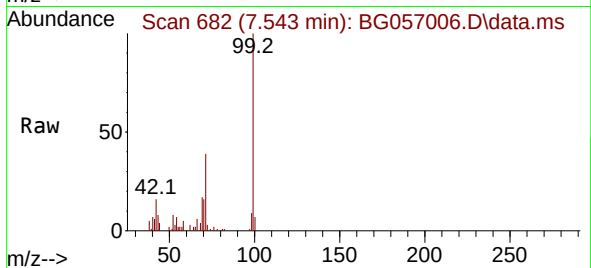




#7
Phenol-d6
Concen: 15.428 ng
RT: 7.543 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

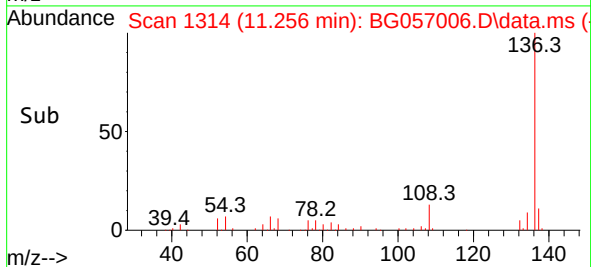
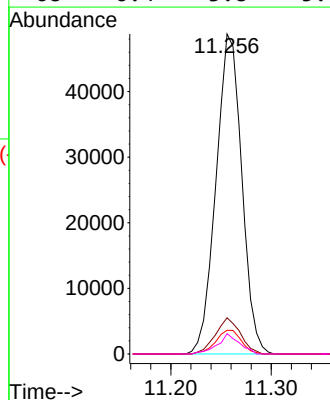
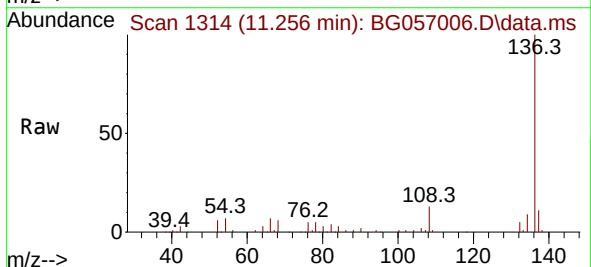
Instrument :
BNA_G
ClientSampleId :
RS-A

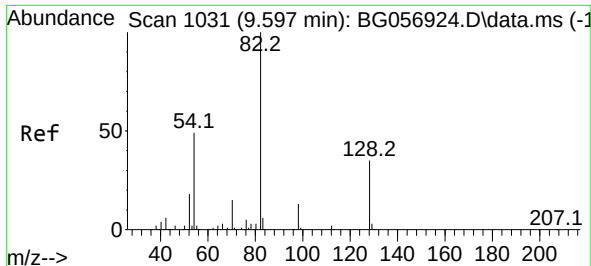
Tgt Ion: 99 Resp: 31908
Ion Ratio Lower Upper
99 100
42 16.3 15.7 23.5
71 38.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.007 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

Tgt Ion: 136 Resp: 86900
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.4 6.9 10.3
68 6.4 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 9.958 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.007 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

Instrument :

BNA_G

ClientSampleId :

RS-A

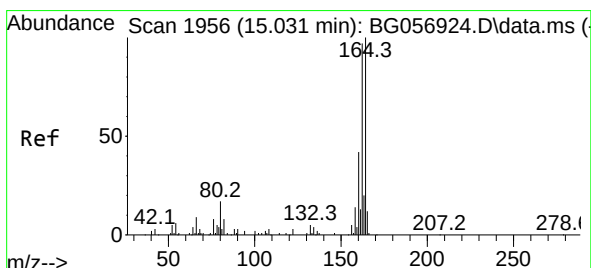
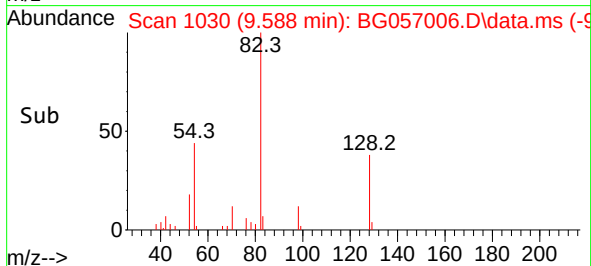
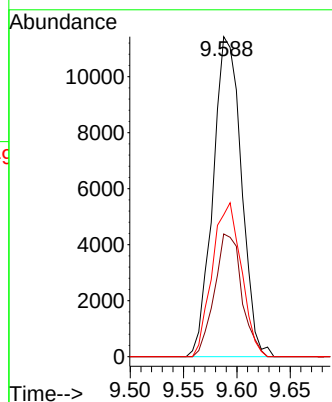
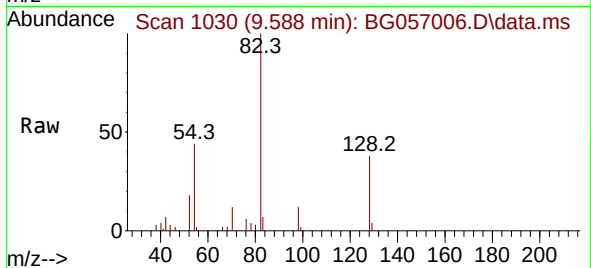
Tgt Ion: 82 Resp: 21148

Ion Ratio Lower Upper

82 100

128 38.4 27.9 41.9

54 44.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.027 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

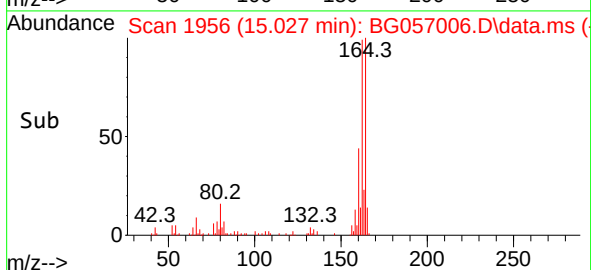
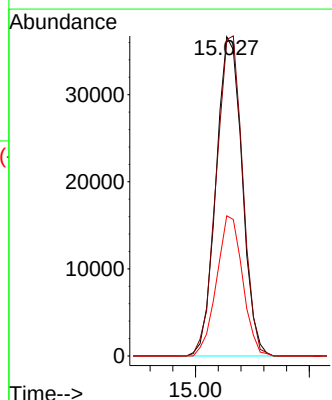
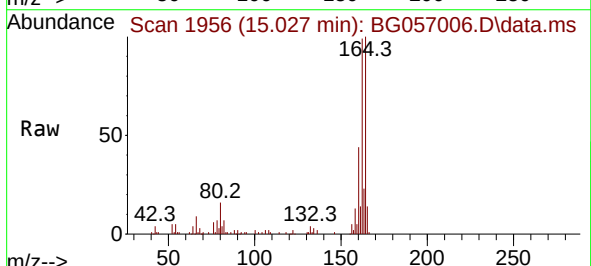
Tgt Ion: 164 Resp: 58373

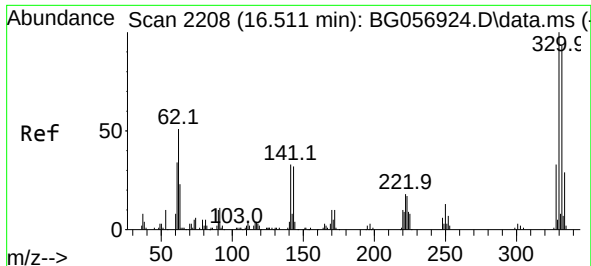
Ion Ratio Lower Upper

164 100

162 99.2 77.8 116.8

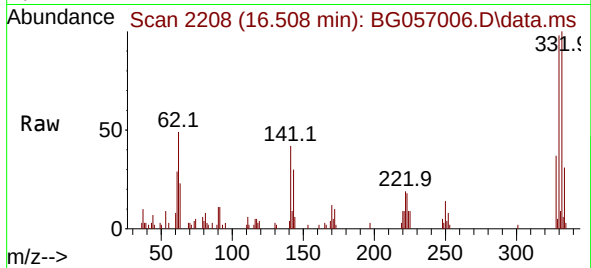
160 43.9 33.5 50.3



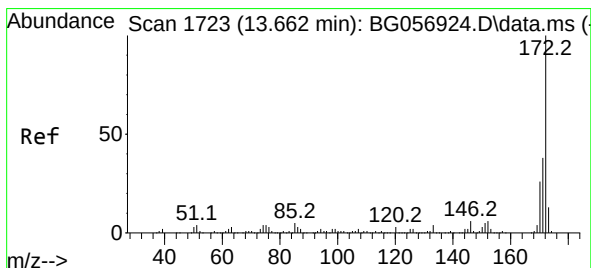
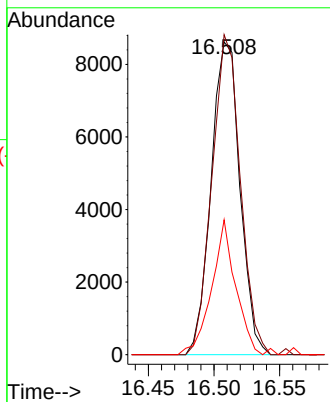
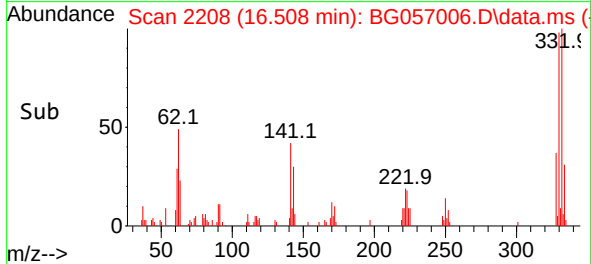


#42
2,4,6-Tribromophenol
Concen: 14.121 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

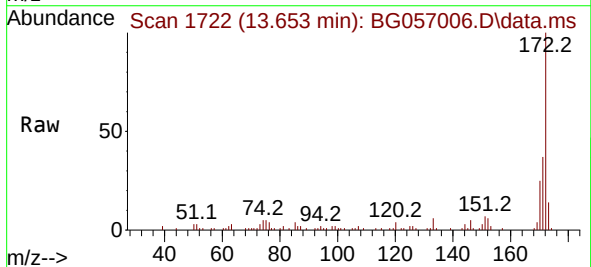
Instrument :
BNA_G
ClientSampleId :
RS-A



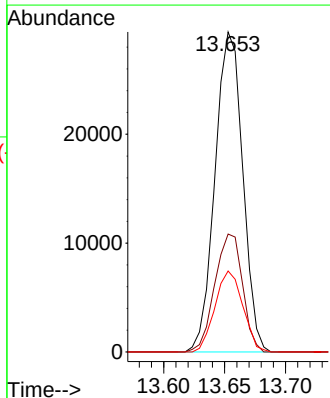
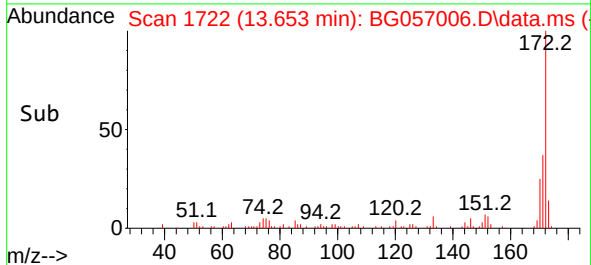
Tgt Ion:330 Resp: 13168
Ion Ratio Lower Upper
330 100
332 100.6 76.1 114.1
141 36.2 25.8 38.6

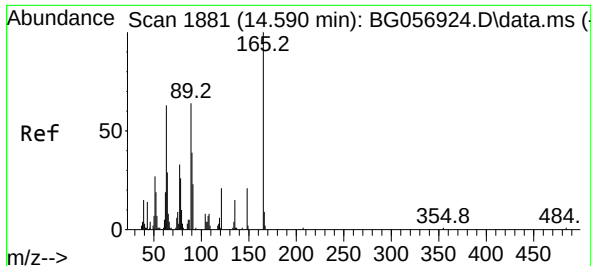


#45
2-Fluorobiphenyl
Concen: 10.800 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29



Tgt Ion:172 Resp: 46492
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 25.3 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 7.895 ng

RT: 15.027 min Scan# 1956

Delta R.T. 0.434 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

Instrument :

BNA_G

ClientSampleId :

RS-A

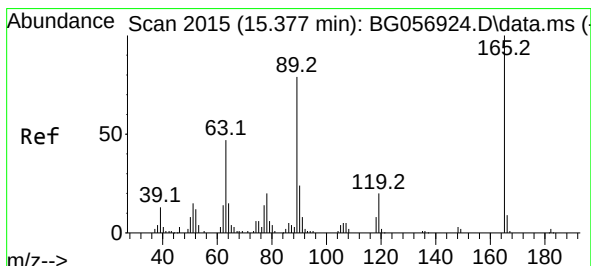
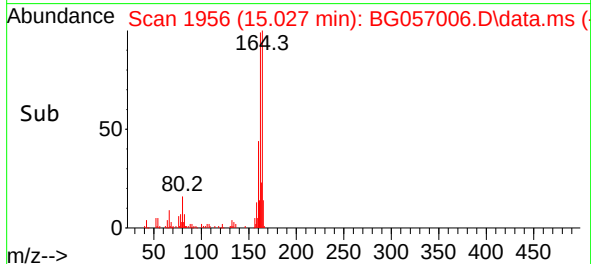
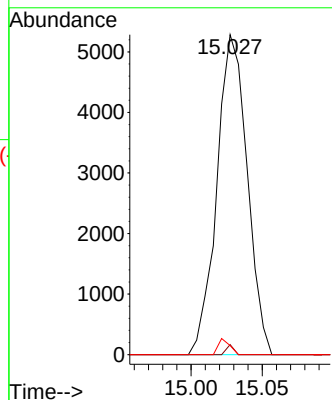
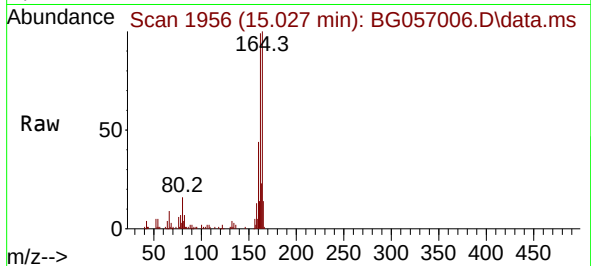
Tgt Ion:165 Resp: 7846

Ion Ratio Lower Upper

165 100

63 3.1 53.0 79.6#

89 2.8 51.0 76.4#



#57

2,4-Dinitrotoluene

Concen: 5.598 ng

RT: 15.027 min Scan# 1956

Delta R.T. -0.348 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

Tgt Ion:165 Resp: 7846

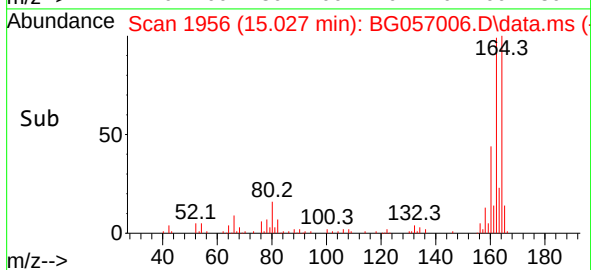
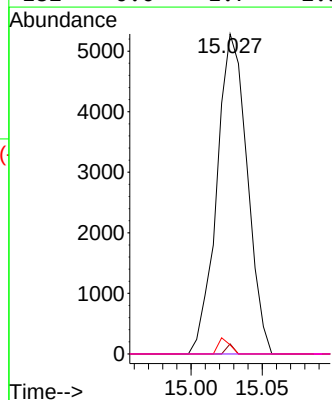
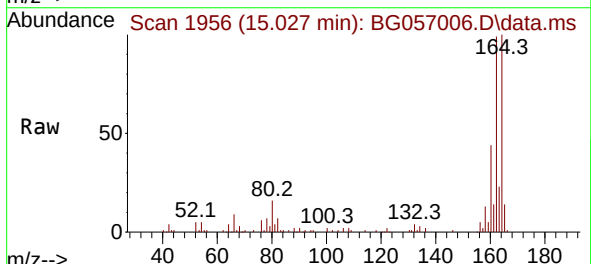
Ion Ratio Lower Upper

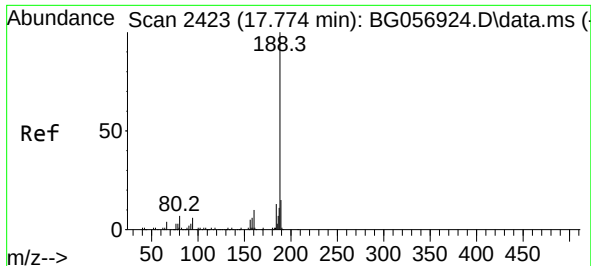
165 100

63 3.1 37.7 56.5#

89 2.8 63.2 94.8#

182 0.0 1.7 2.5#

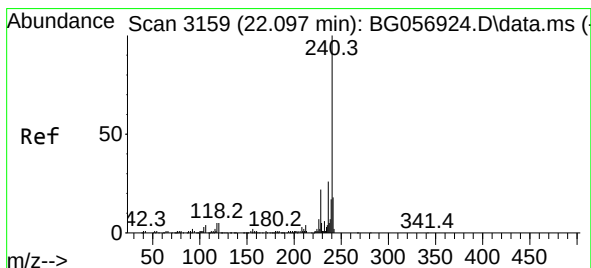
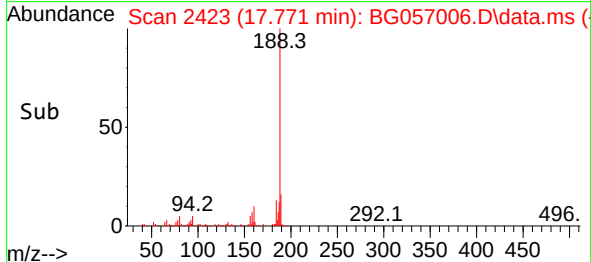
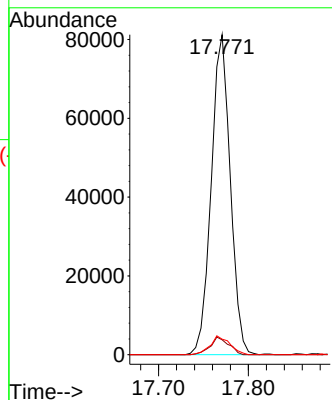
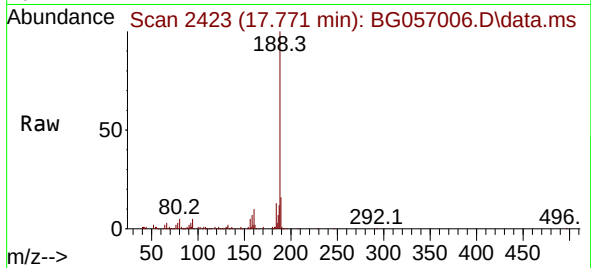




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

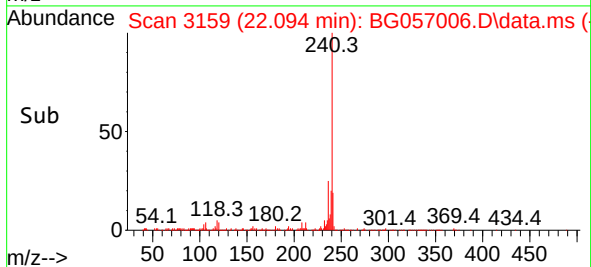
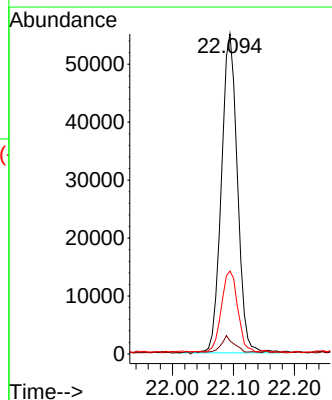
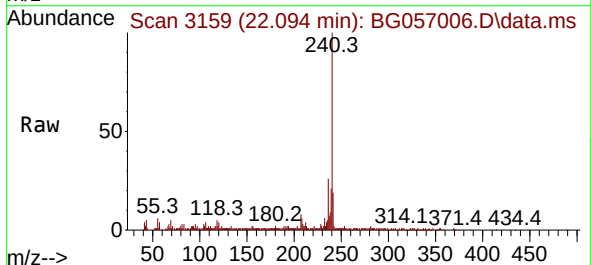
Instrument :
BNA_G
ClientSampleId :
RS-A

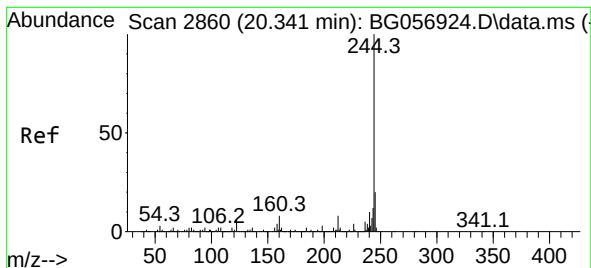
Tgt Ion:188 Resp: 119591
Ion Ratio Lower Upper
188 100
94 4.6 4.6 6.8
80 4.9 5.5 8.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.094 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

Tgt Ion:240 Resp: 100605
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.6
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 10.141 ng

RT: 20.338 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

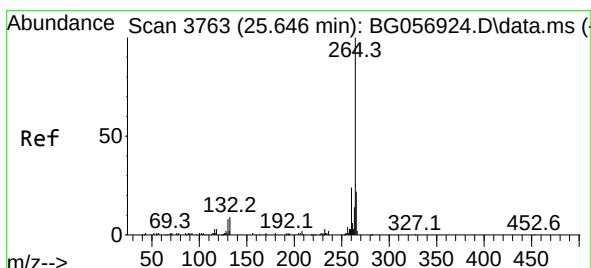
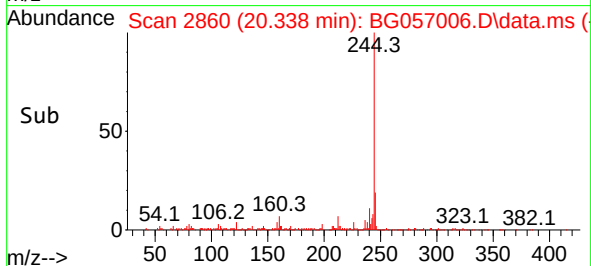
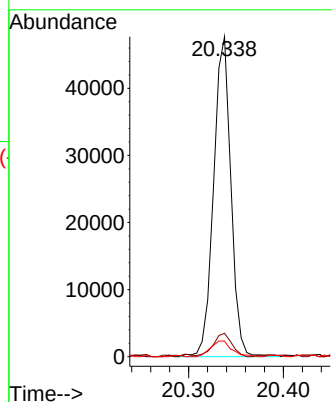
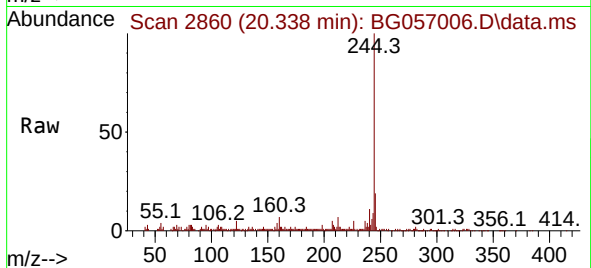
Instrument :

BNA_G

ClientSampleId :

RS-A

Tgt Ion:244	Resp:	60291
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.1 9.1
122	4.9	5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

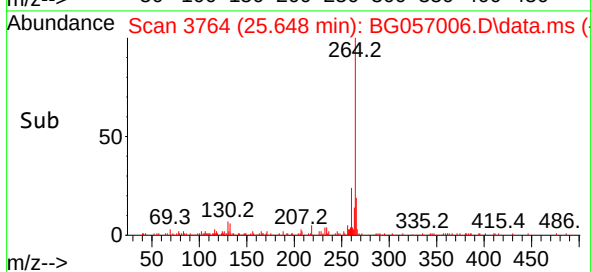
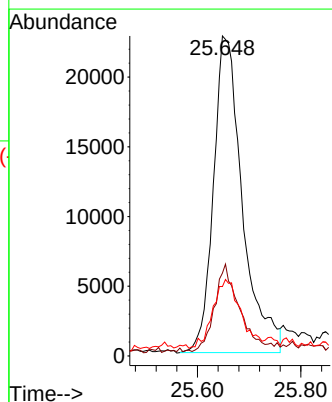
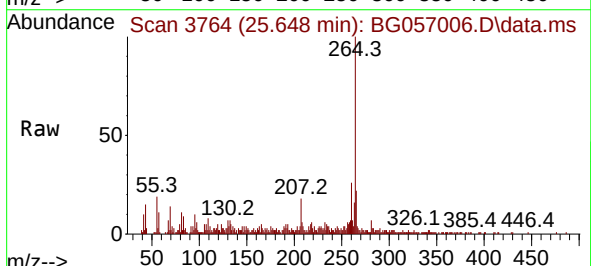
RT: 25.648 min Scan# 3764

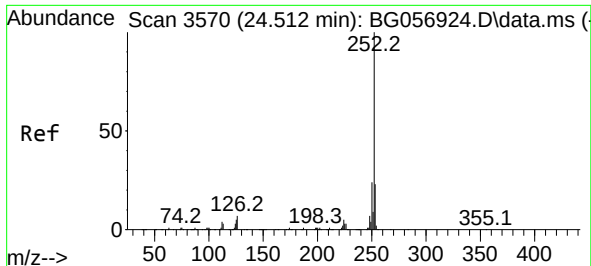
Delta R.T. 0.017 min

Lab File: BG057006.D

Acq: 6 Apr 2023 1:29

Tgt Ion:264	Resp:	88241
Ion Ratio	Lower	Upper
264	100	
260	25.9	19.0 28.4
265	21.7	17.8 26.6

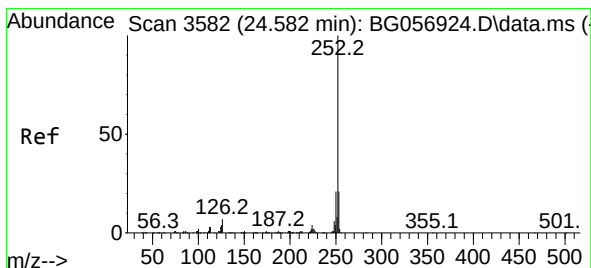
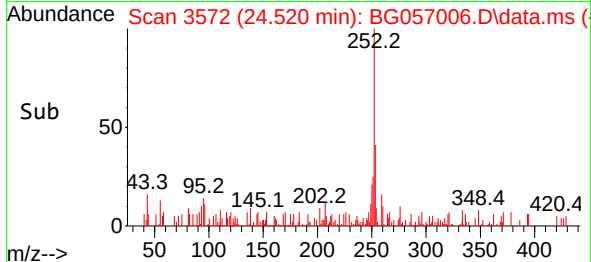
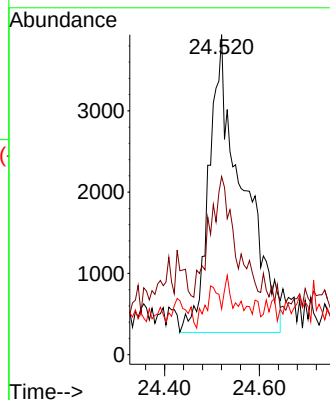
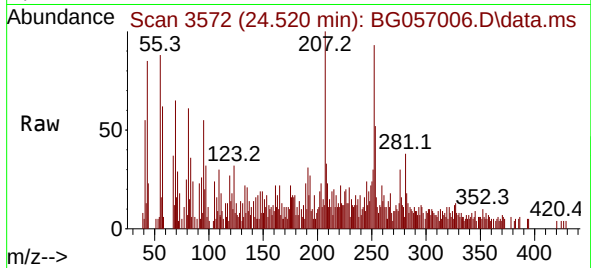




#88
Benzo(b)fluoranthene
Concen: 3.233 ng
RT: 24.520 min Scan# 3570
Delta R.T. 0.017 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

Instrument :
BNA_G
ClientSampleId :
RS-A

Tgt Ion:252 Resp: 17841
Ion Ratio Lower Upper
252 100
253 55.7 18.1 27.1#
125 14.3 4.2 6.4#



#89
Benzo(k)fluoranthene
Concen: 3.239 ng
RT: 24.520 min Scan# 3572
Delta R.T. -0.054 min
Lab File: BG057006.D
Acq: 6 Apr 2023 1:29

Tgt Ion:252 Resp: 17841
Ion Ratio Lower Upper
252 100
253 55.7 17.1 25.7#
125 14.3 3.8 5.6#

