

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054243.D
 Acq On : 8 Jul 2022 12:25
 Operator : CG/JU
 Sample : PB146089BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Quant Time: Jul 08 13:53:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

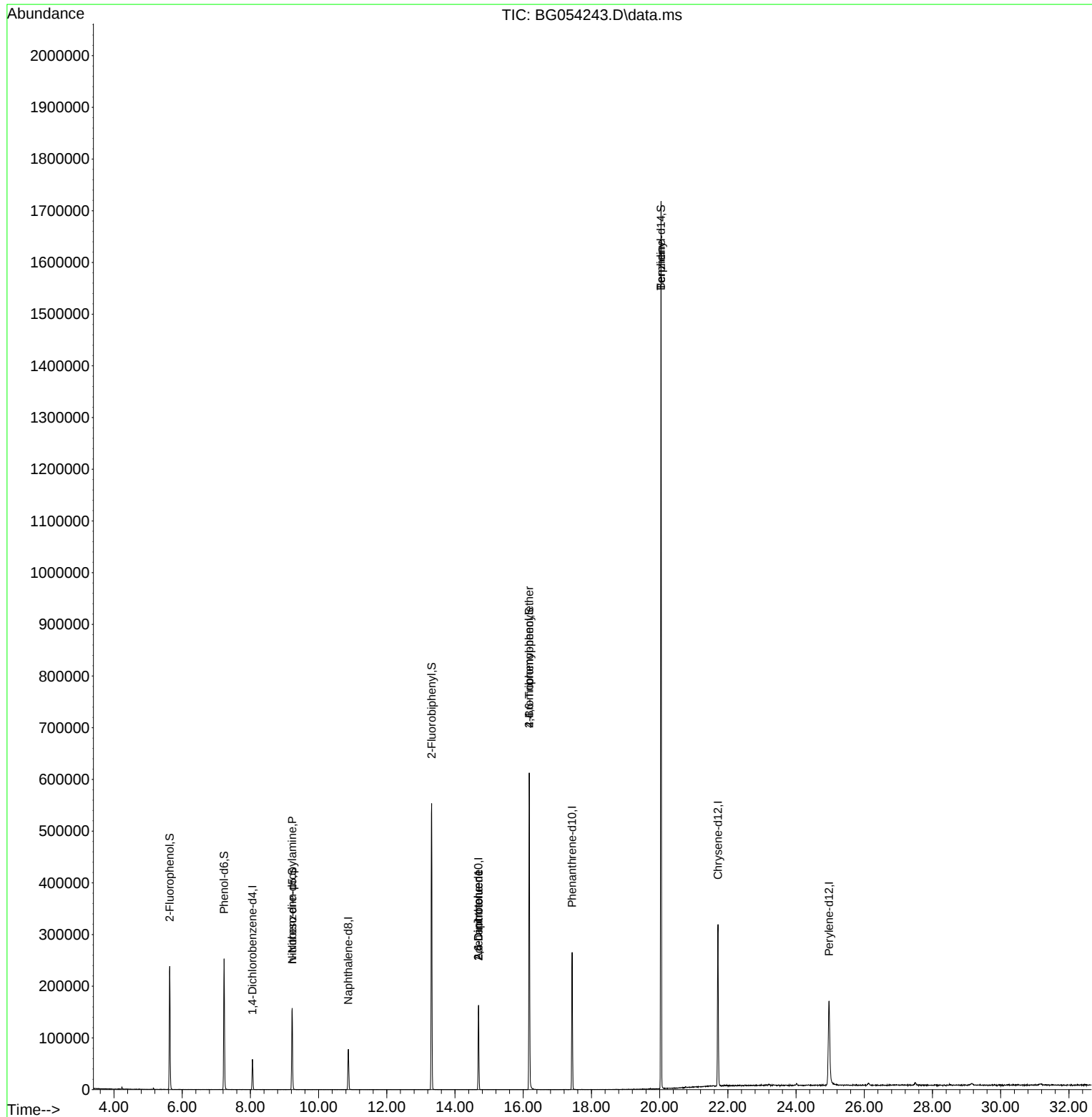
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	18962	20.000	ng	0.00
21) Naphthalene-d8	10.870	136	75970	20.000	ng	# 0.00
39) Acenaphthene-d10	14.689	164	64351	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	197311	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	233641	20.000	ng	# 0.00
86) Perylene-d12	24.966	264	234155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	110186	111.099	ng	0.00
7) Phenol-d6	7.228	99	149413	111.053	ng	0.00
23) Nitrobenzene-d5	9.225	82	100637	74.443	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	166070	160.623	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	333061	75.261	ng	0.00
79) Terphenyl-d14	20.042	244	997920	86.025	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.225	70	13665	15.118	ng	# 76
51) 2,6-Dinitrotoluene	14.689	165	9096	9.186	ng	# 16
57) 2,4-Dinitrotoluene	14.689	165	9096	6.504	ng	# 21
67) 4-Bromophenyl-phenylether	16.176	248	10012	4.063	ng	# 1
77) Benzidine	20.042	184	12825	2.651	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
Data File : BG054243.D
Acq On : 8 Jul 2022 12:25
Operator : CG/JU
Sample : PB146089BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146089BL

Quant Time: Jul 08 13:53:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 13:46:14 2022
Response via : Initial Calibration

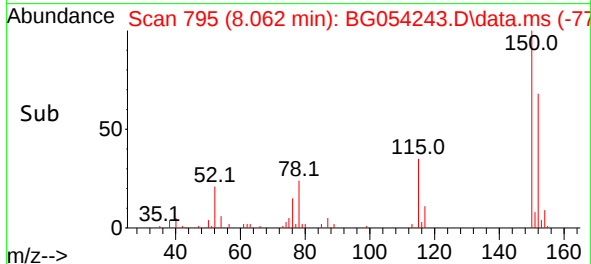
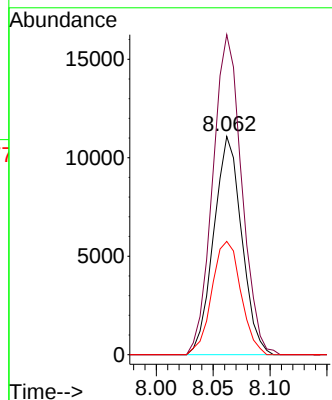
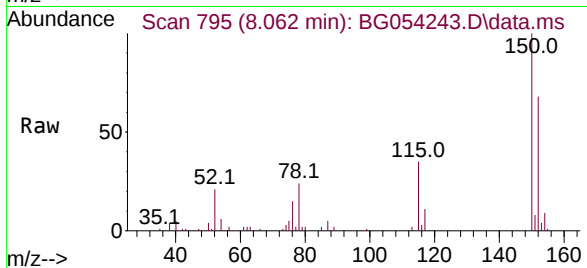




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.062 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

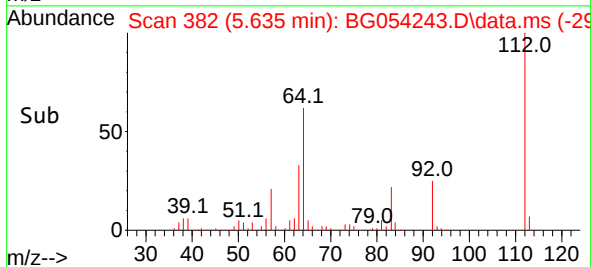
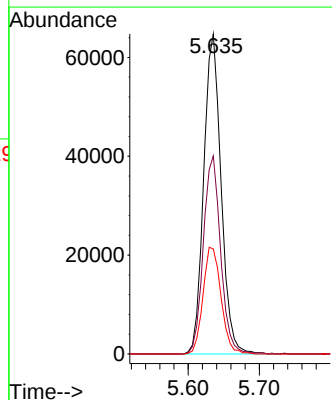
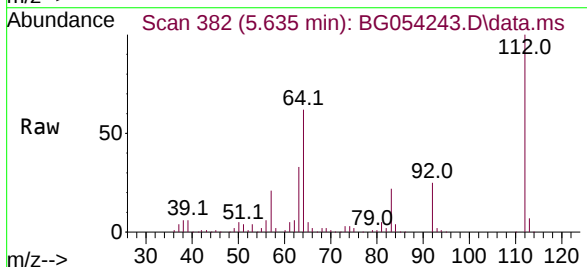
Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Tgt Ion:152 Resp: 18962
 Ion Ratio Lower Upper
 152 100
 150 146.6 131.6 197.4
 115 51.9 50.9 76.3



#5
 2-Fluorophenol
 Concen: 111.099 ng
 RT: 5.635 min Scan# 382
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Tgt Ion:112 Resp: 110186
 Ion Ratio Lower Upper
 112 100
 64 61.9 55.1 82.7
 63 32.8 30.4 45.6

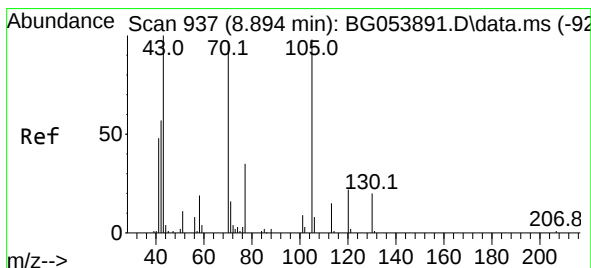
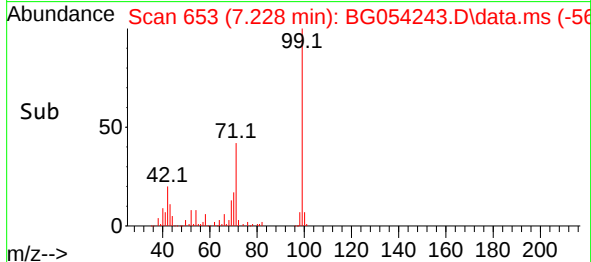
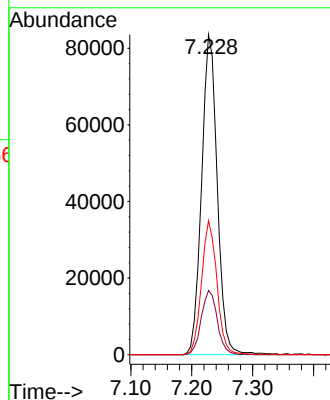
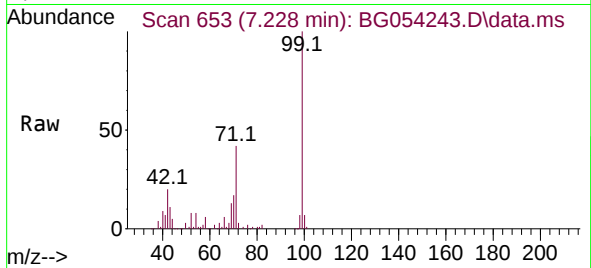




#7
Phenol-d6
Concen: 111.053 ng
RT: 7.228 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

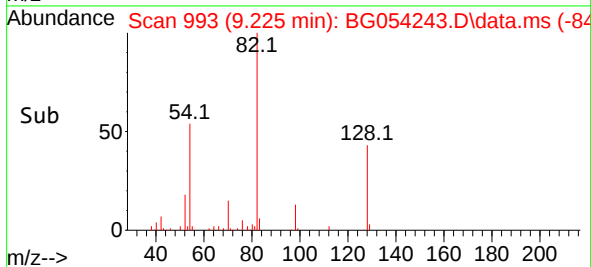
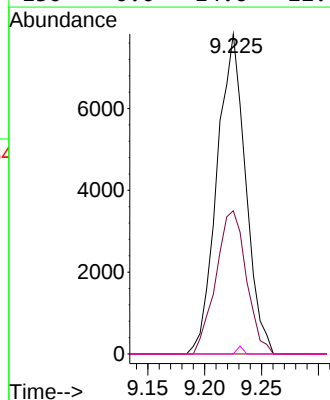
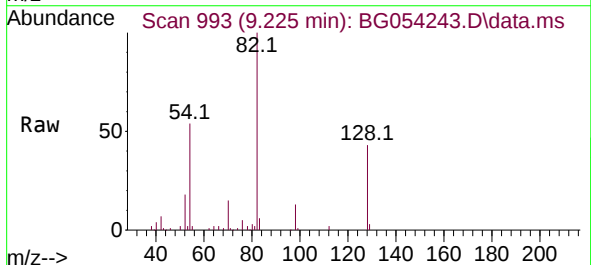
Instrument :
BNA_G
ClientSampleId :
PB146089BL

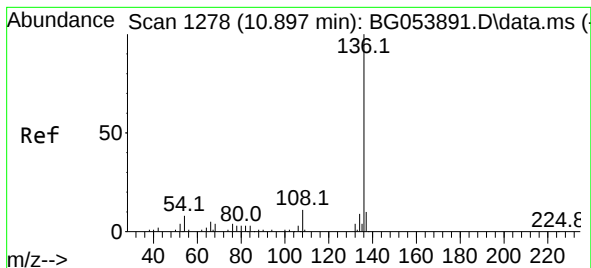
Tgt Ion: 99 Resp: 149413
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 41.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.118 ng
RT: 9.225 min Scan# 993
Delta R.T. 0.361 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion: 70 Resp: 13665
Ion Ratio Lower Upper
70 100
42 44.7 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

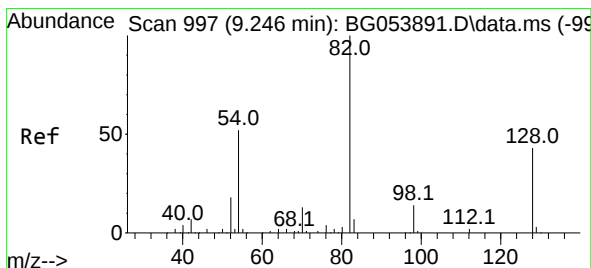
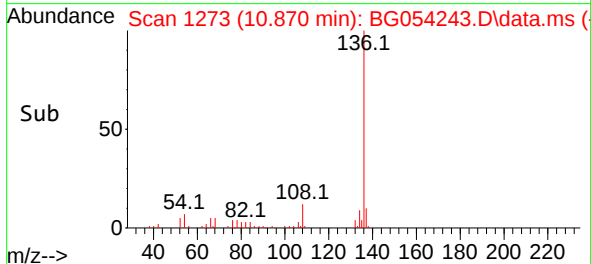
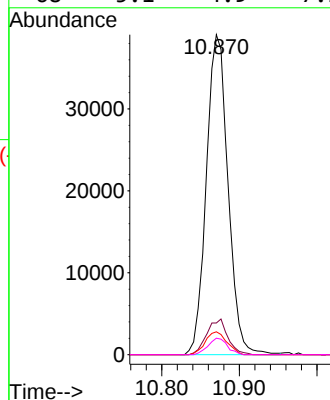
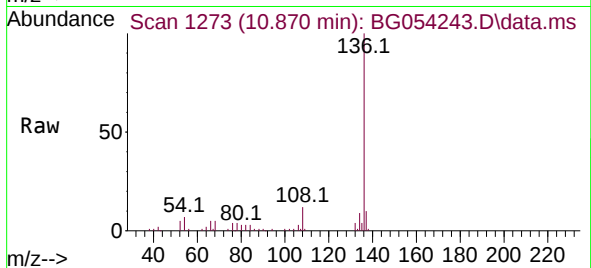




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.870 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

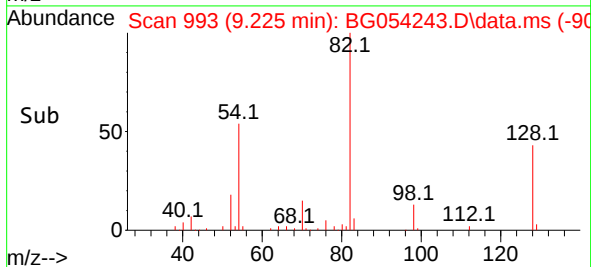
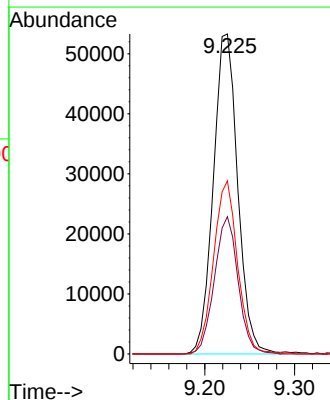
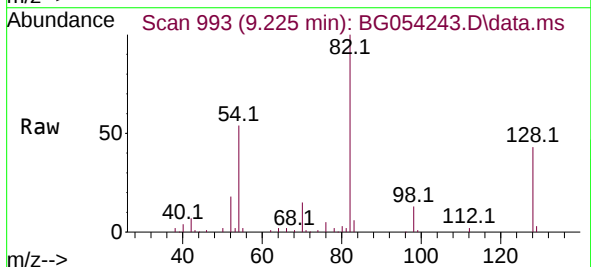
Instrument :
BNA_G
ClientSampleId :
PB146089BL

Tgt Ion:136	Resp:	75970
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.5 12.7
54	7.2	7.4 11.2#
68	5.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 74.443 ng
RT: 9.225 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion: 82	Resp:	100637
Ion Ratio	Lower	Upper
82	100	
128	42.9	27.9 41.9#
54	54.1	41.2 61.8

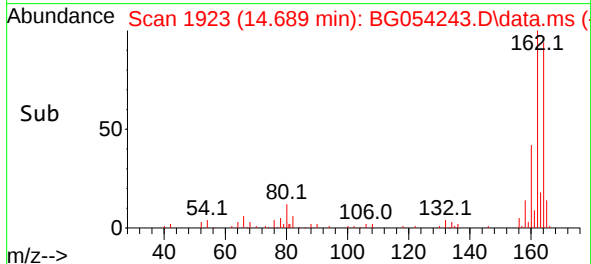
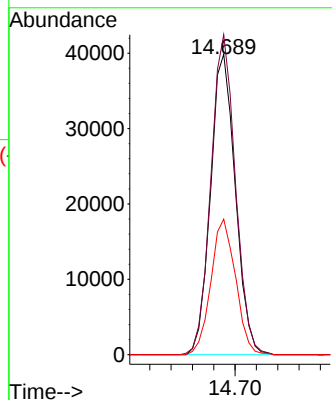
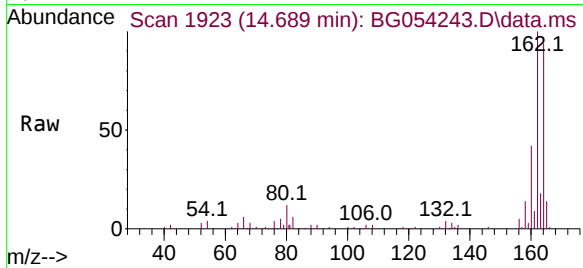




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.689 min Scan# 1923
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

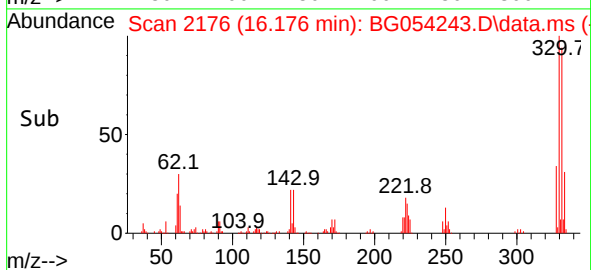
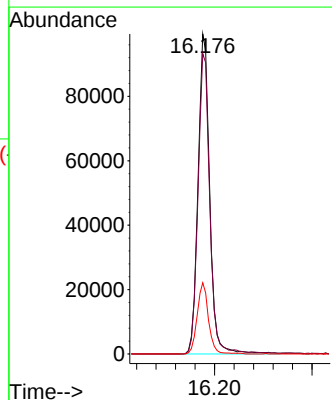
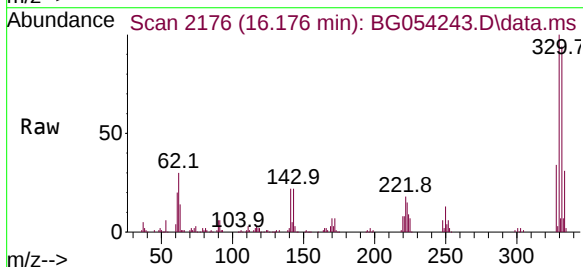
Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

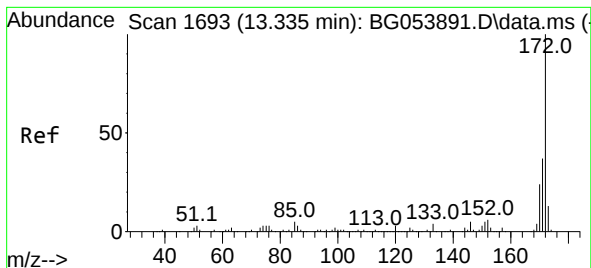
Tgt Ion:164 Resp: 64351
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.3 123.5
 160 45.1 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 160.623 ng
 RT: 16.176 min Scan# 2176
 Delta R.T. -0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Tgt Ion:330 Resp: 166070
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.0 114.0
 141 21.5 27.1 40.7#

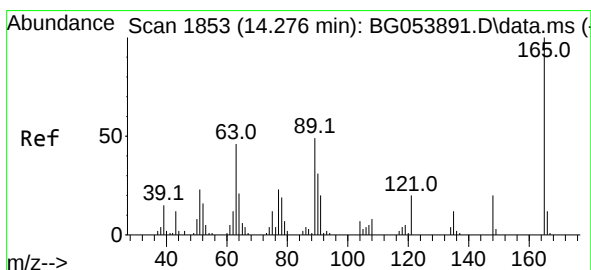
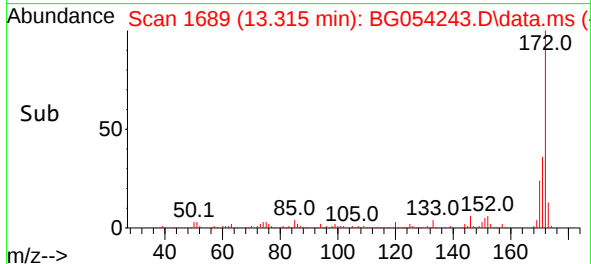
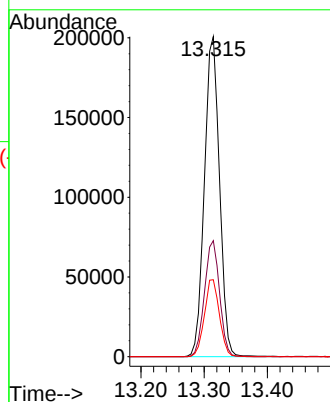
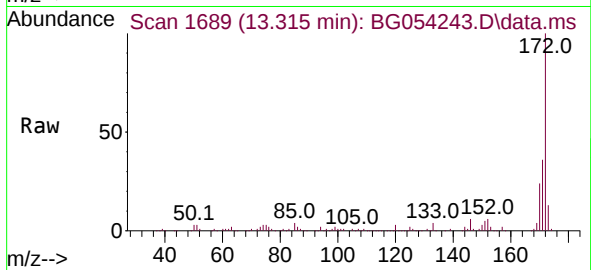




#45
2-Fluorobiphenyl
Concen: 75.261 ng
RT: 13.315 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

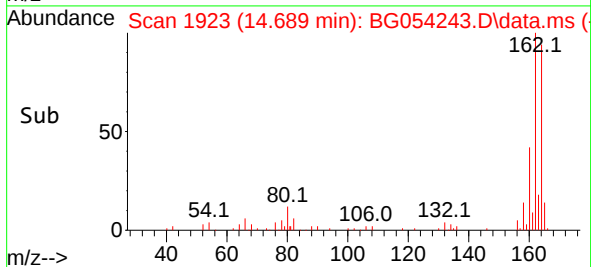
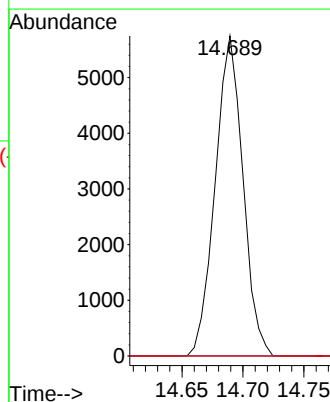
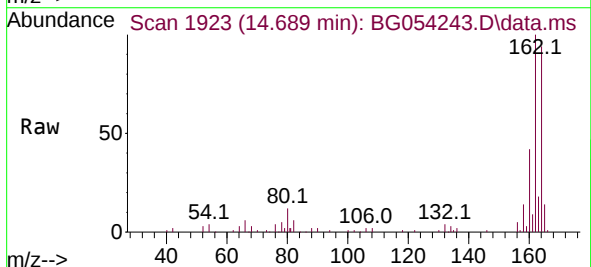
Instrument :
BNA_G
ClientSampleId :
PB146089BL

Tgt Ion:172 Resp: 333061
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.186 ng
RT: 14.689 min Scan# 1923
Delta R.T. 0.432 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:165 Resp: 9096
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

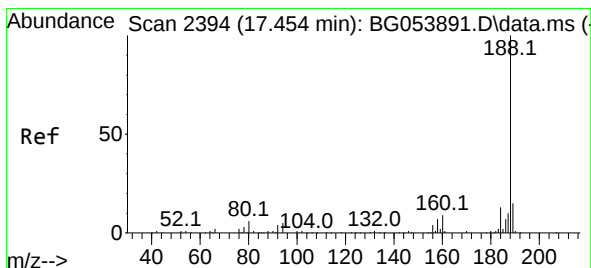
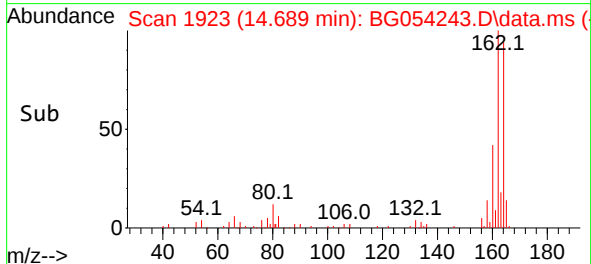
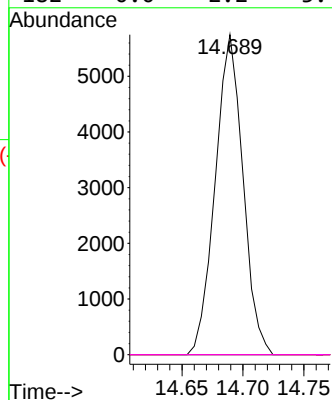
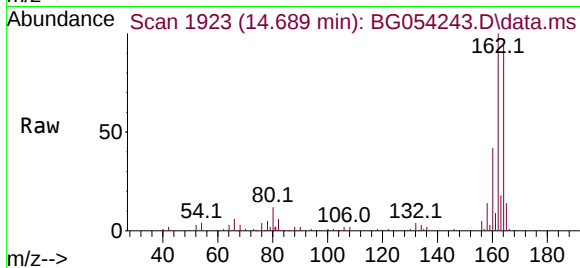




#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 14.689 min Scan# 1987
Delta R.T. -0.362 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

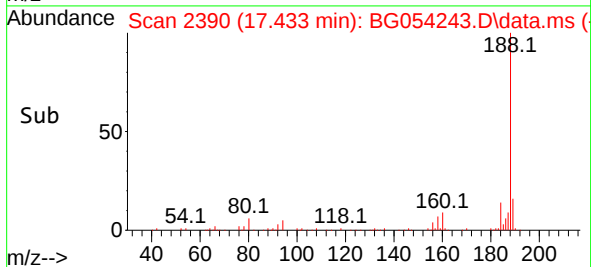
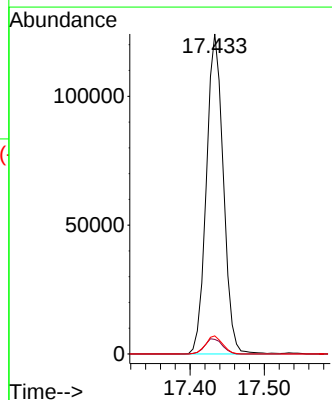
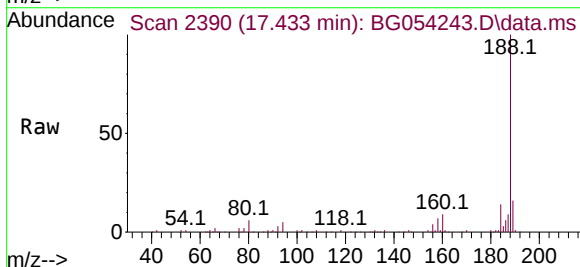
Instrument :
BNA_G
ClientSampleId :
PB146089BL

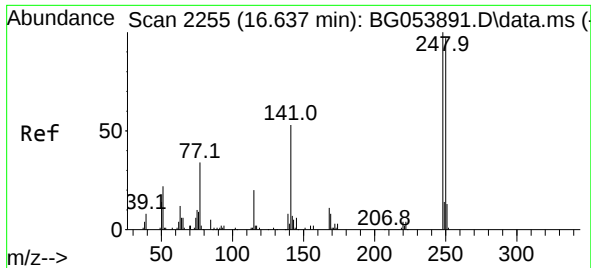
Tgt Ion:165 Resp: 9096
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2390
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:188 Resp: 197311
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.7 6.8 10.2#

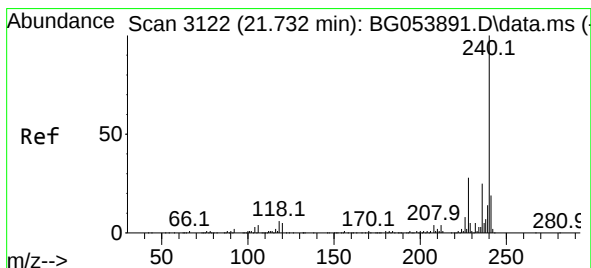
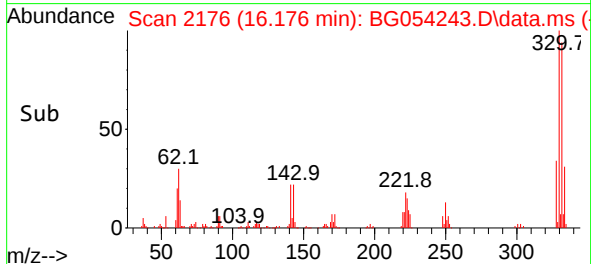
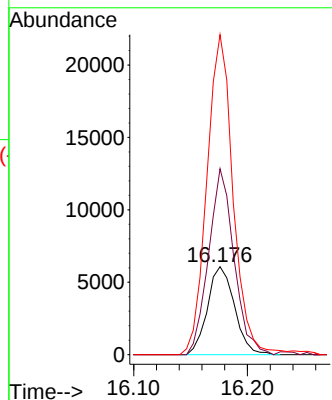
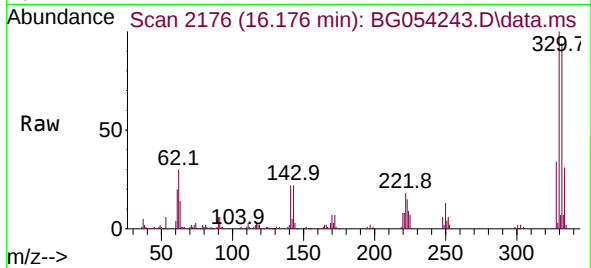




#67
4-Bromophenyl-phenylether
Concen: 4.063 ng
RT: 16.176 min Scan# 2118
Delta R.T. -0.438 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

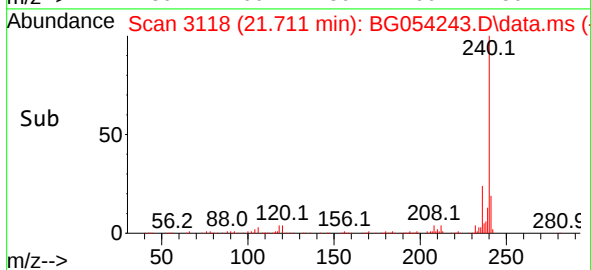
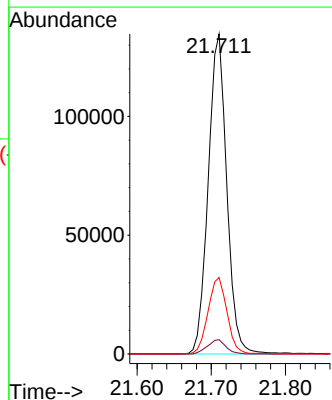
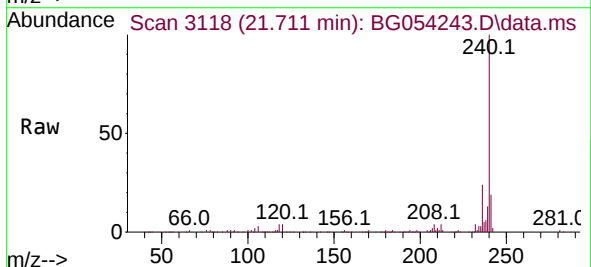
Instrument :
BNA_G
ClientSampleId :
PB146089BL

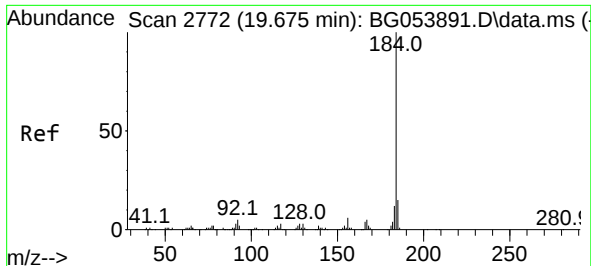
Tgt Ion:248 Resp: 10012
Ion Ratio Lower Upper
248 100
250 271.6 75.2 112.8#
141 363.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:240 Resp: 233641
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 23.9 20.2 30.4

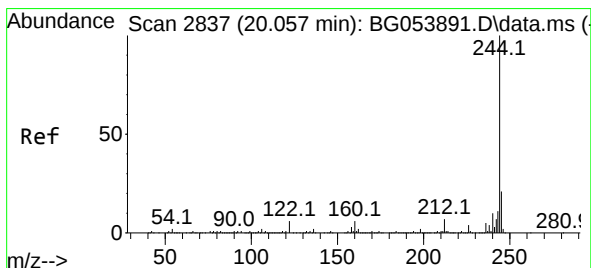
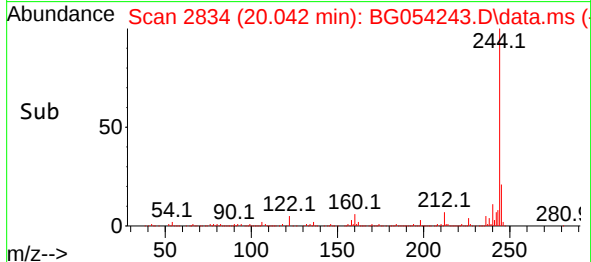
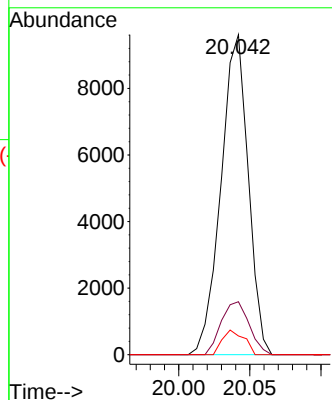
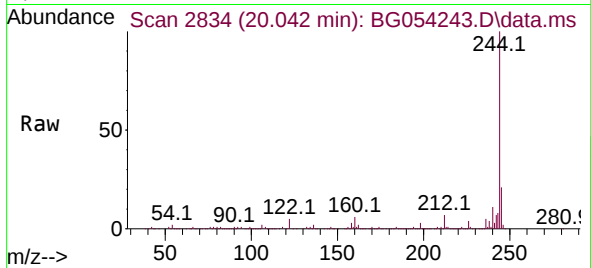




#77
Benzidine
Concen: 2.651 ng
RT: 20.042 min Scan# 21
Delta R.T. 0.385 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

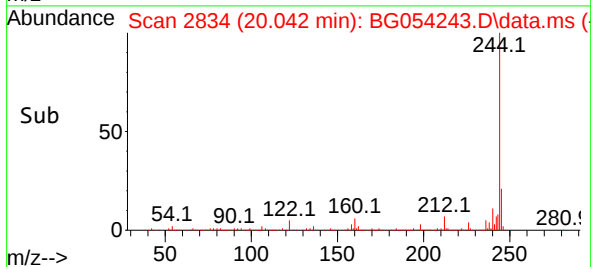
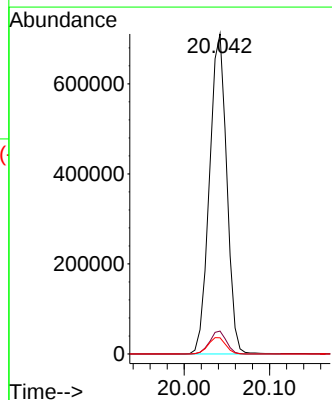
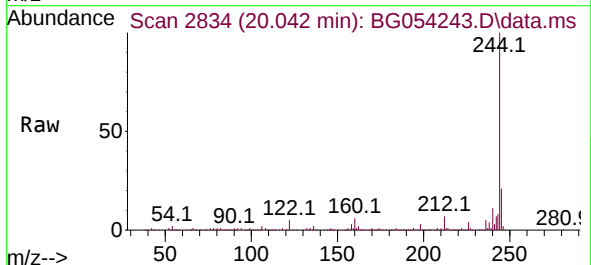
Instrument :
BNA_G
ClientSampleId :
PB146089BL

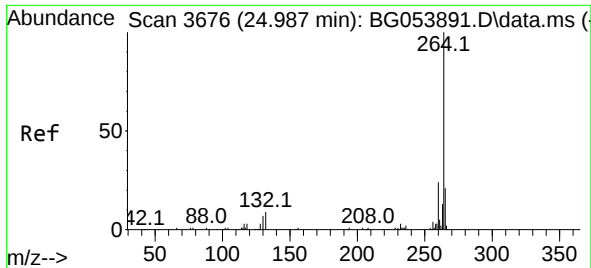
Tgt Ion:184 Resp: 12825
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 5.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 86.025 ng
RT: 20.042 min Scan# 2834
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:244 Resp: 997920
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.966 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Tgt Ion:264 Resp: 234155
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.4 17.4 26.2

