

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053696.D
 Acq On : 25 May 2022 16:33
 Operator : CG/JU
 Sample : N2923-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01

Quant Time: May 26 02:51:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

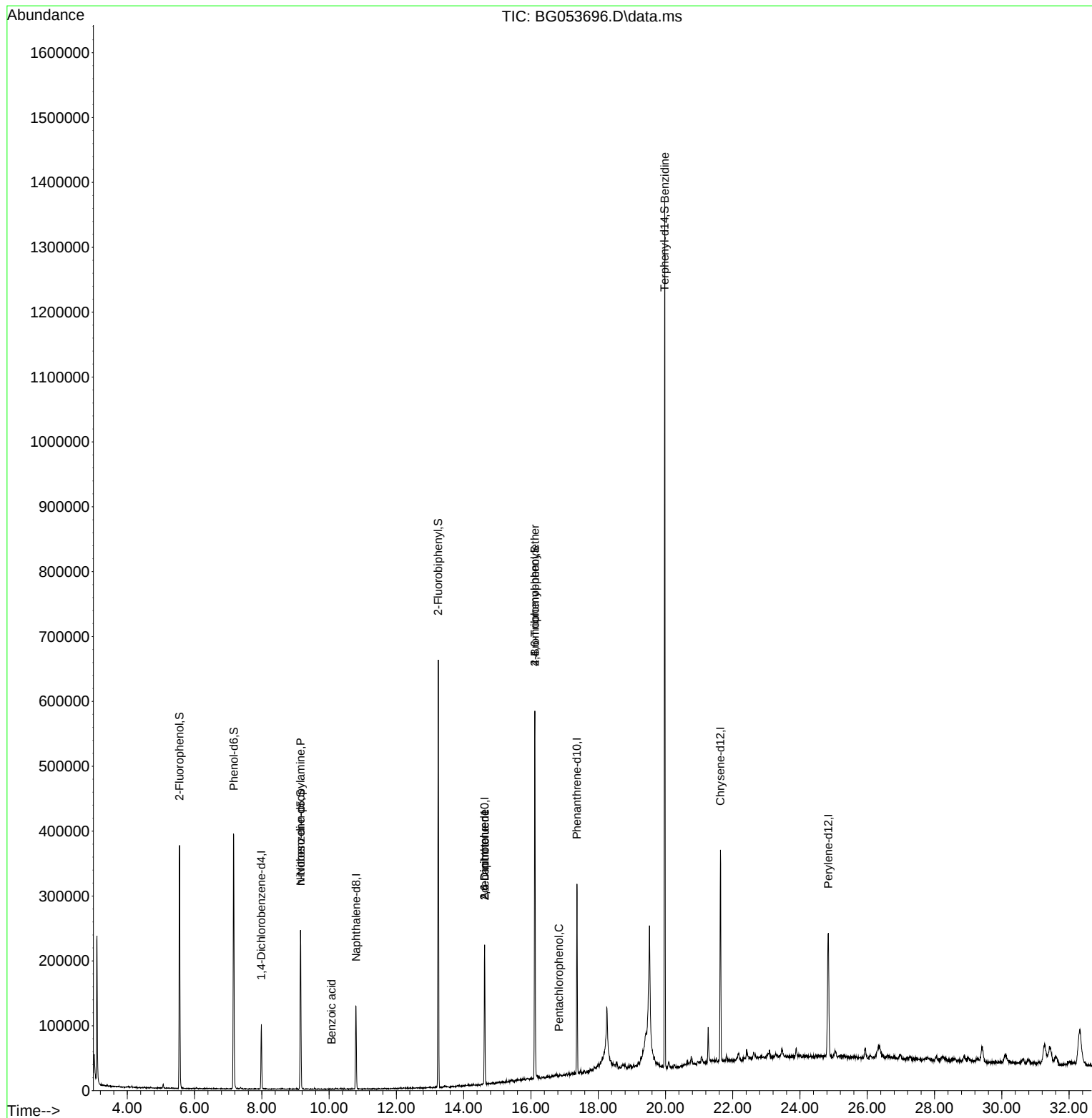
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	27001	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	103717	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	74269	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	176454	20.000	ng	0.00
76) Chrysene-d12	21.633	240	199362	20.000	ng	0.00
86) Perylene-d12	24.840	264	203185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	152181	95.653	ng	0.00
7) Phenol-d6	7.164	99	228703	94.719	ng	0.00
23) Nitrobenzene-d5	9.150	82	152198	62.466	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	109722	100.168	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	331164	65.158	ng	0.00
79) Terphenyl-d14	19.976	244	657049	61.382	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.150	70	21514	12.418	ng	# 74
32) Benzoic acid	10.072	122	60	8.541	ng	# 1
51) 2,6-Dinitrotoluene	14.625	165	9616	8.363	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	9616	5.770	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	7231	3.509	ng	# 1
70) Pentachlorophenol	16.833	266	60	4.697	ng	# 16
77) Benzidine	19.982	184	11051	2.572	ng	# 88

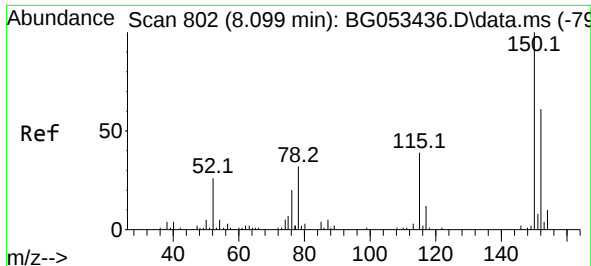
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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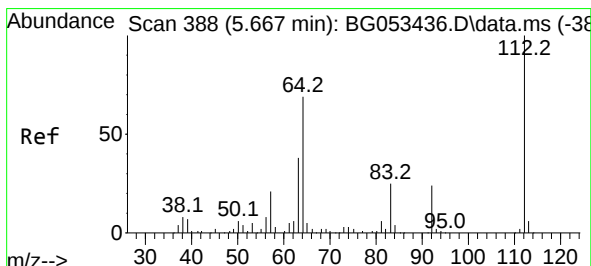
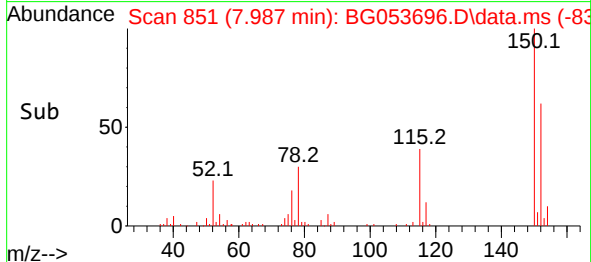
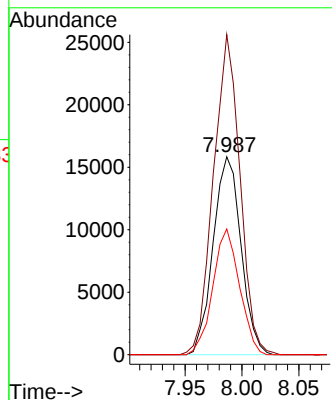
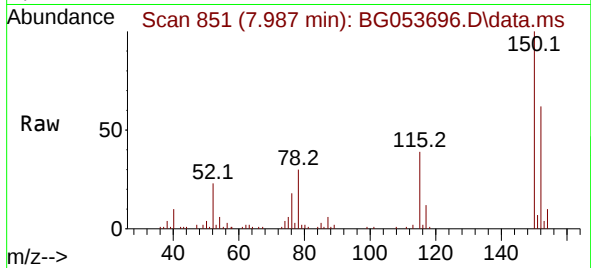




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

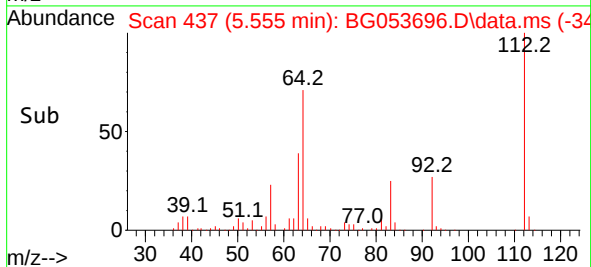
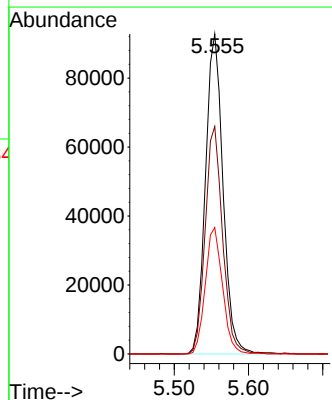
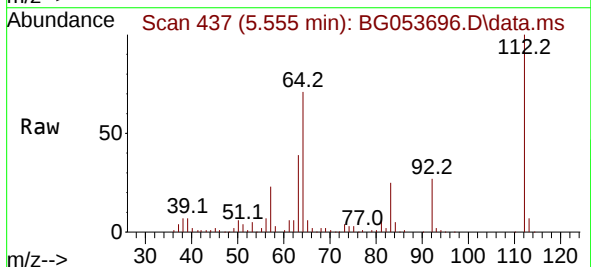
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

Tgt Ion:152 Resp: 27001
Ion Ratio Lower Upper
152 100
150 161.6 131.6 197.4
115 63.5 50.9 76.3



#5
2-Fluorophenol
Concen: 95.653 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:112 Resp: 152181
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 39.5 30.4 45.6

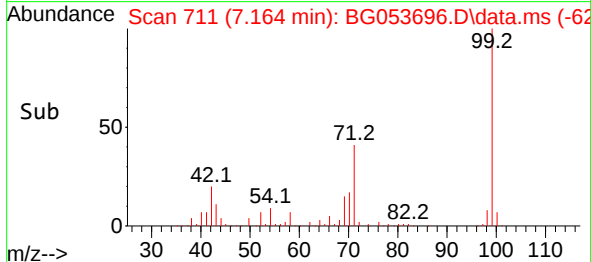
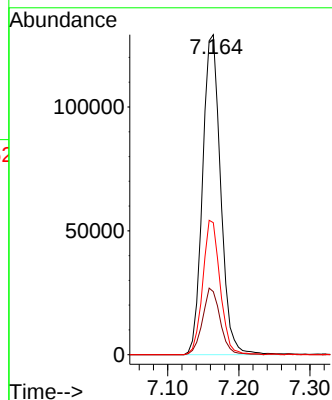
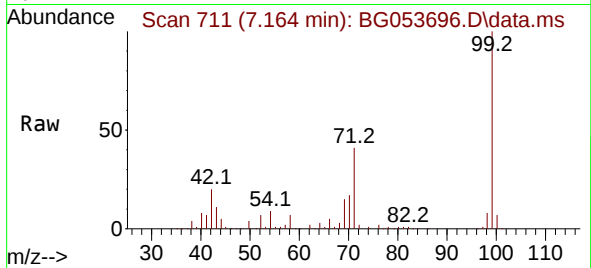




#7
Phenol-d6
Concen: 94.719 ng
RT: 7.164 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

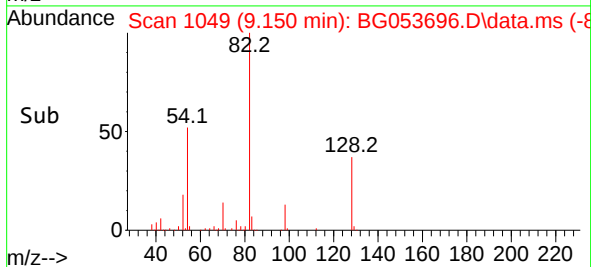
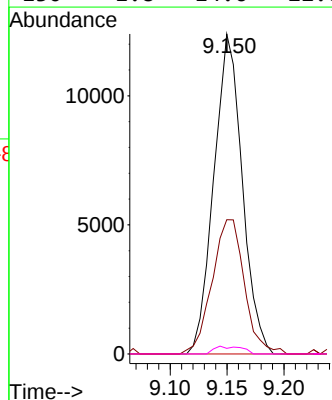
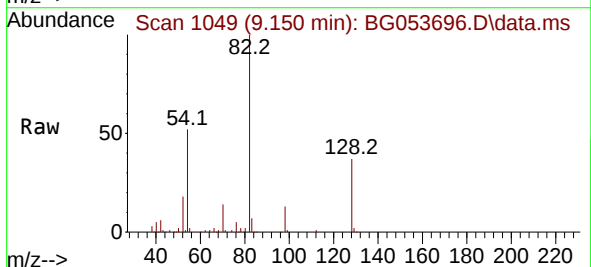
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

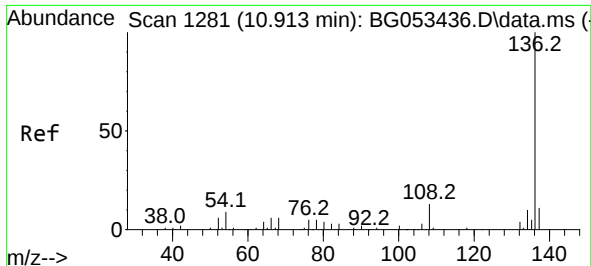
Tgt Ion: 99 Resp: 228703
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 41.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.418 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.353 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion: 70 Resp: 21514
Ion Ratio Lower Upper
70 100
42 42.0 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

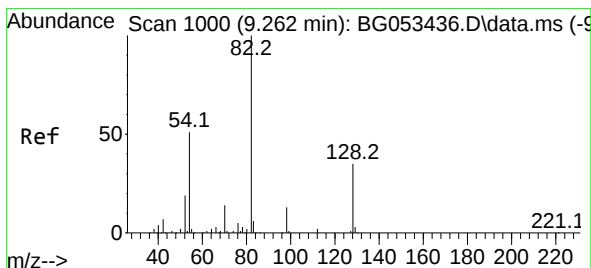
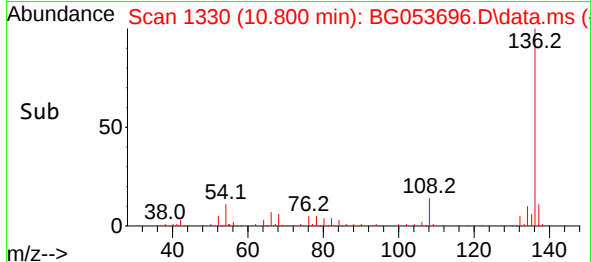
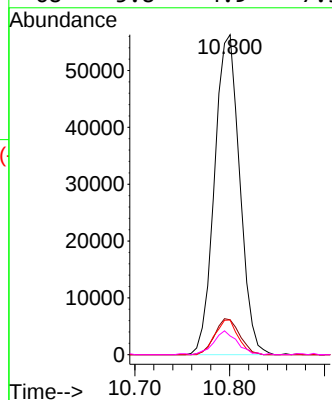
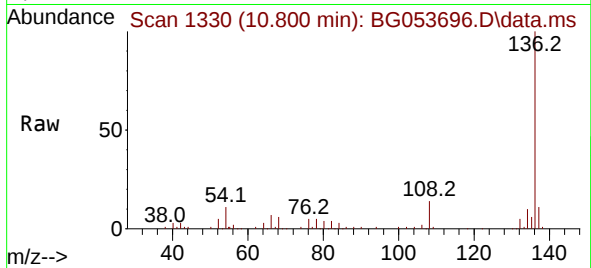




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

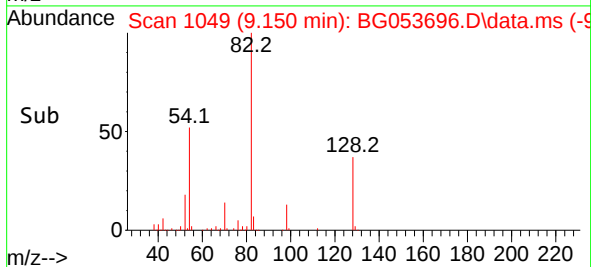
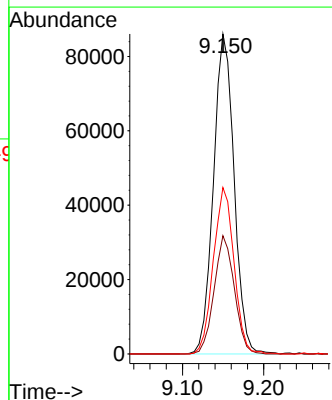
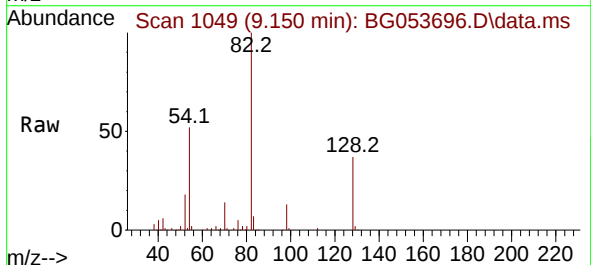
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

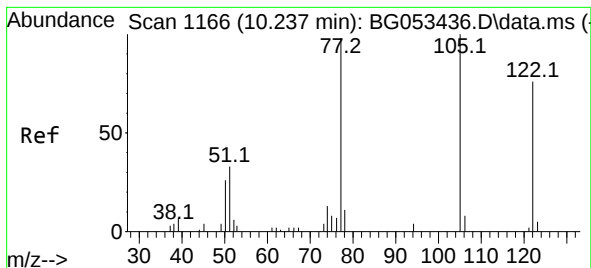
Tgt Ion:	136	Resp:	103717
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.9	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.466 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:	82	Resp:	152198
Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.9	41.9
54	52.0	41.2	61.8





#32

Benzoic acid

Concen: 8.541 ng

RT: 10.072 min Scan# 1166

Delta R.T. -0.088 min

Lab File: BG053696.D

Acq: 25 May 2022 16:33

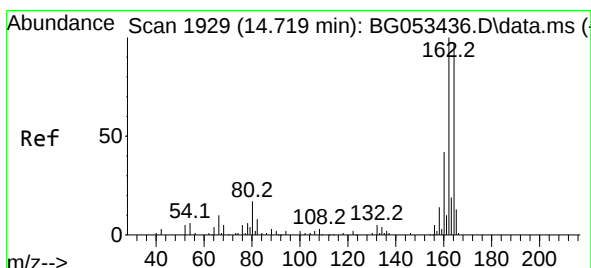
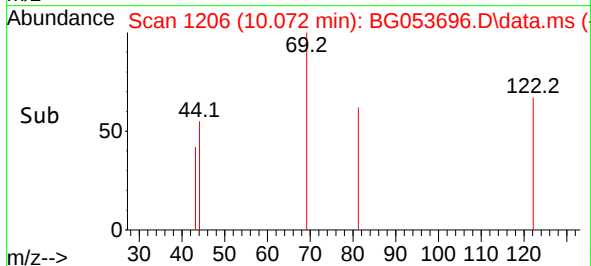
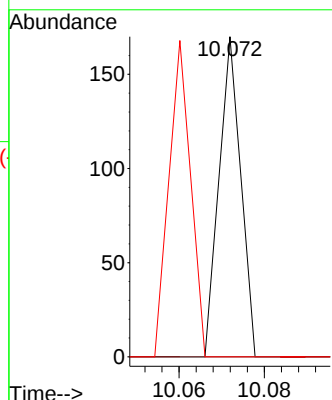
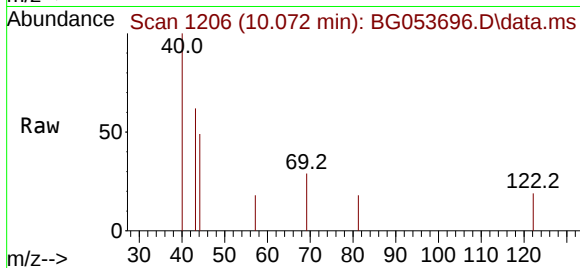
Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01

Tgt Ion:122	Resp:	60
Ion	Ratio	Lower Upper
122	100	
105	0.0	111.8 151.8#
77	0.0	109.4 149.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

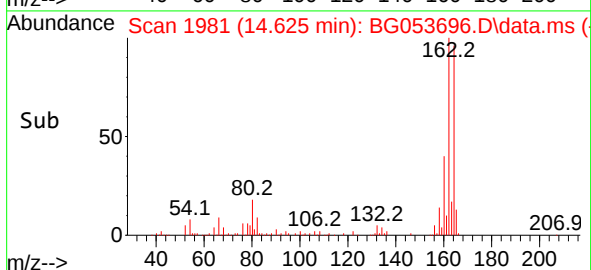
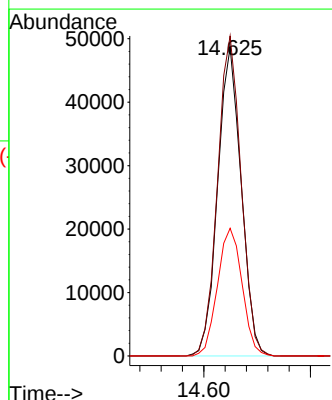
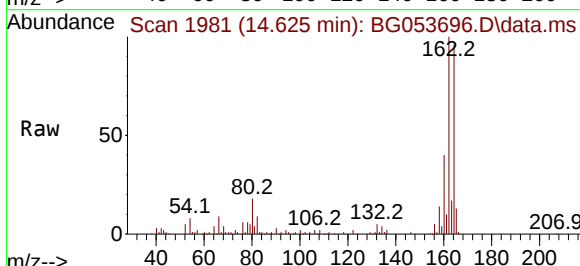
RT: 14.625 min Scan# 1981

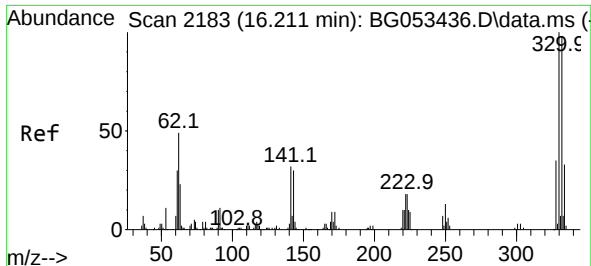
Delta R.T. 0.000 min

Lab File: BG053696.D

Acq: 25 May 2022 16:33

Tgt Ion:164	Resp:	74269
Ion	Ratio	Lower Upper
164	100	
162	103.6	82.3 123.5
160	41.3	34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 100.168 ng

RT: 16.117 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053696.D

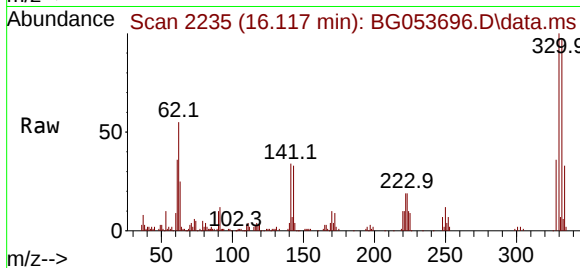
Acq: 25 May 2022 16:33

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01



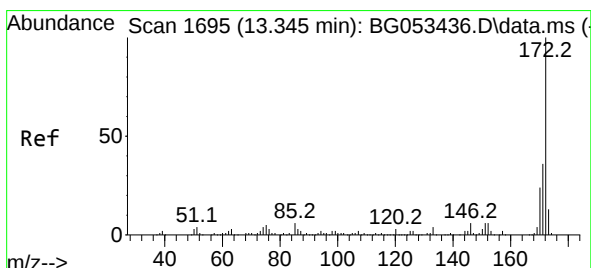
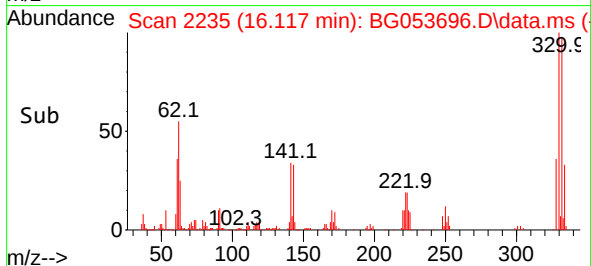
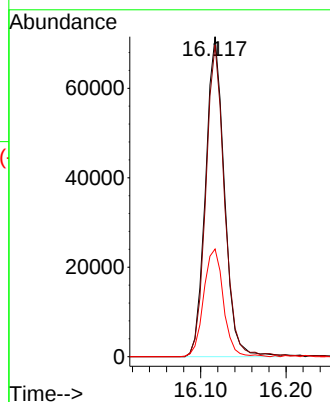
Tgt Ion:330 Resp: 109722

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 35.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 65.158 ng

RT: 13.244 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BG053696.D

Acq: 25 May 2022 16:33

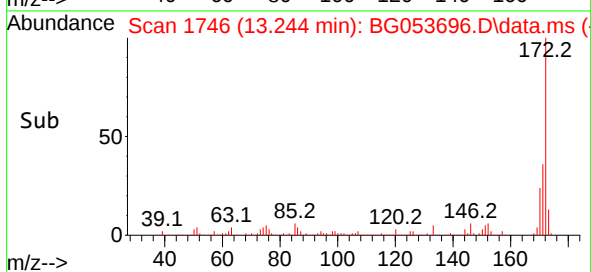
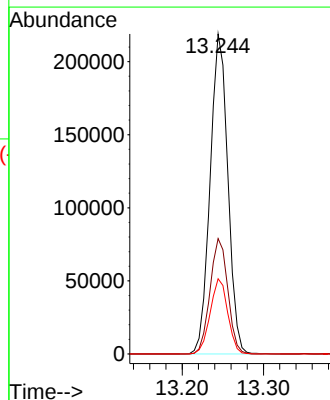
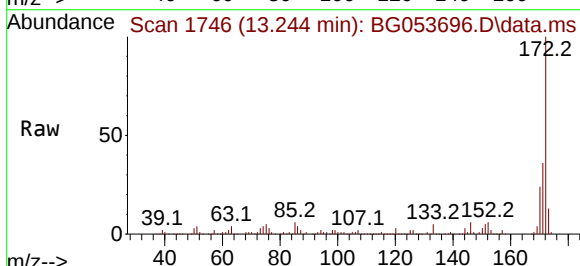
Tgt Ion:172 Resp: 331164

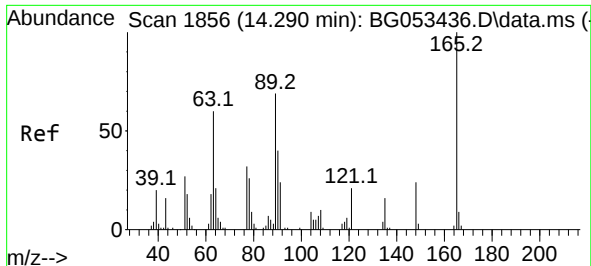
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.5 18.9 28.3

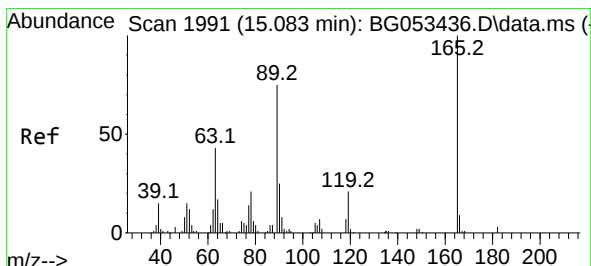
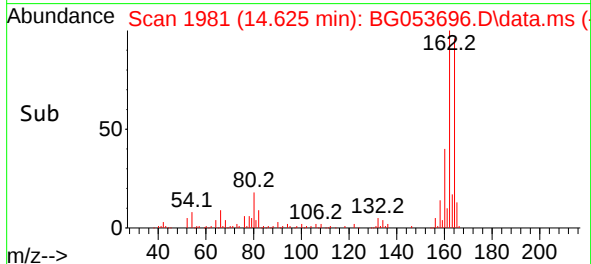
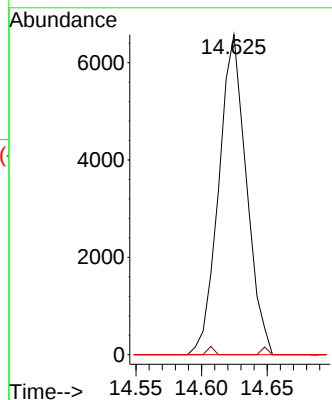
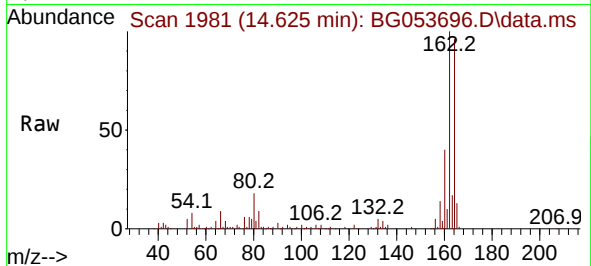




#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 14.625 min Scan# 1981
Delta R.T. 0.423 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

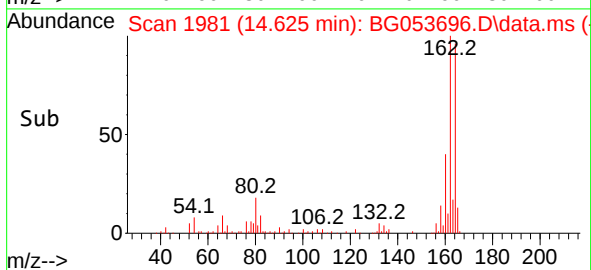
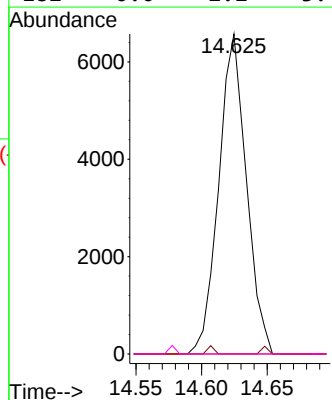
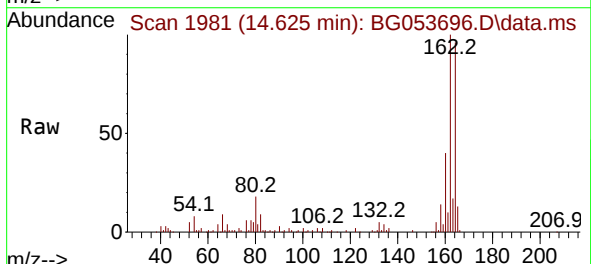
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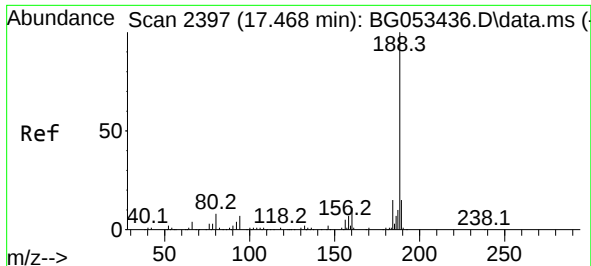
Tgt Ion:165 Resp: 9616
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.770 ng
RT: 14.625 min Scan# 1981
Delta R.T. -0.370 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:165 Resp: 9616
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#

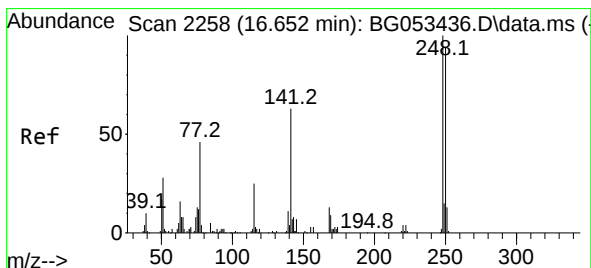
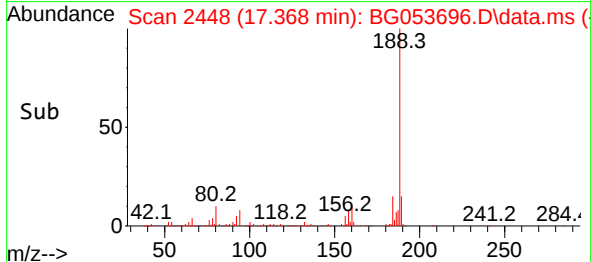
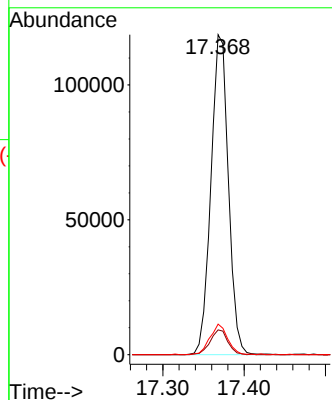
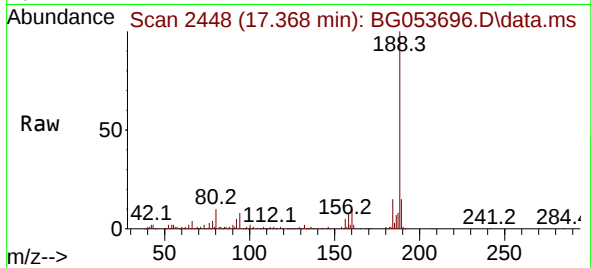




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

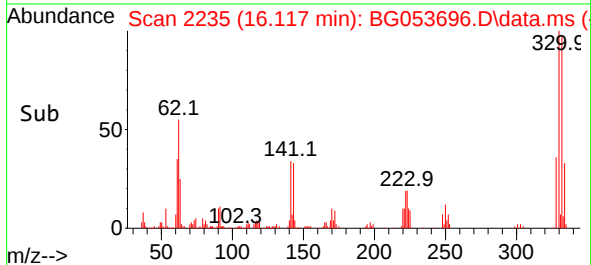
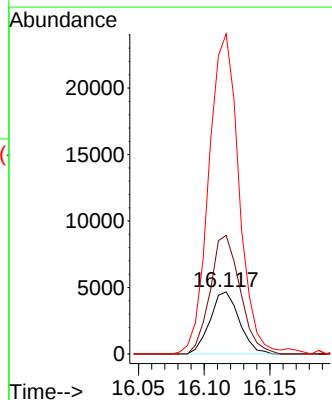
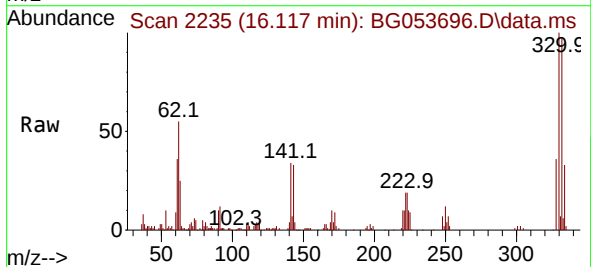
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

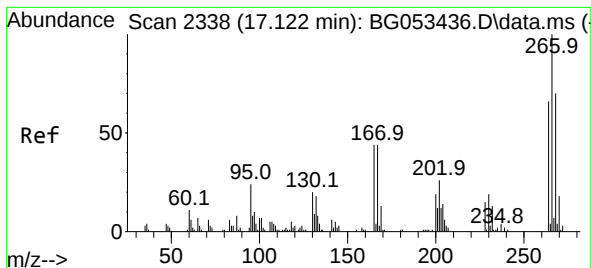
Tgt Ion:188 Resp: 176454
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 9.6 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.509 ng
RT: 16.117 min Scan# 2235
Delta R.T. -0.434 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:248 Resp: 7231
Ion Ratio Lower Upper
248 100
250 190.8 75.2 112.8#
141 515.0 50.0 75.0#





#70

Pentachlorophenol

Concen: 4.697 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.199 min

Lab File: BG053696.D

Acq: 25 May 2022 16:33

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01

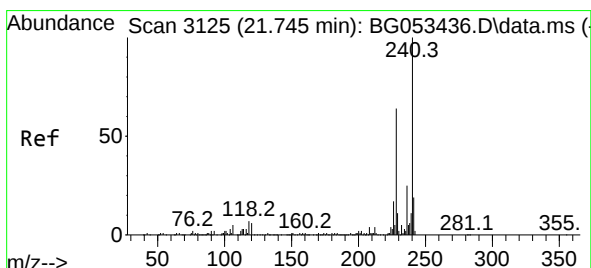
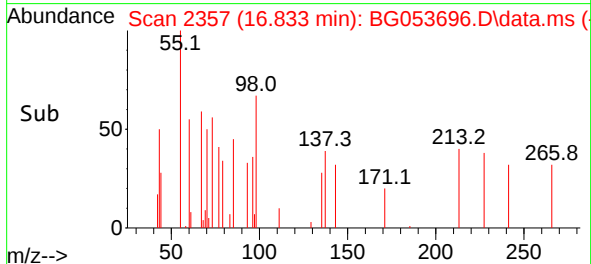
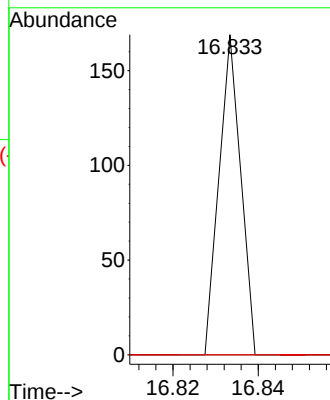
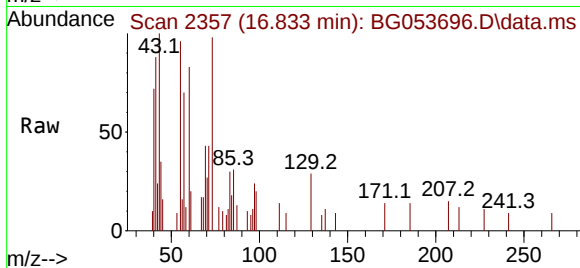
Tgt Ion:266 Resp: 60

Ion Ratio Lower Upper

266 100

268 0.0 56.2 84.2#

264 0.0 53.0 79.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3174

Delta R.T. -0.006 min

Lab File: BG053696.D

Acq: 25 May 2022 16:33

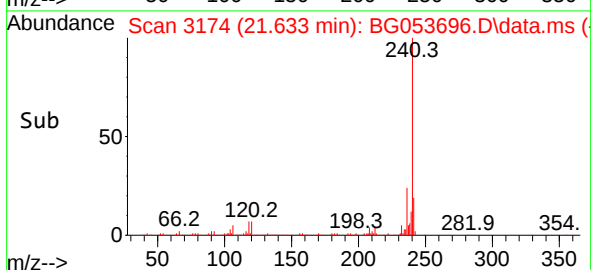
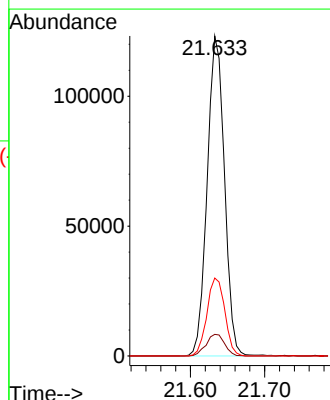
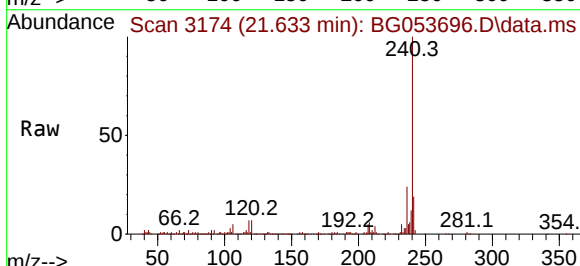
Tgt Ion:240 Resp: 199362

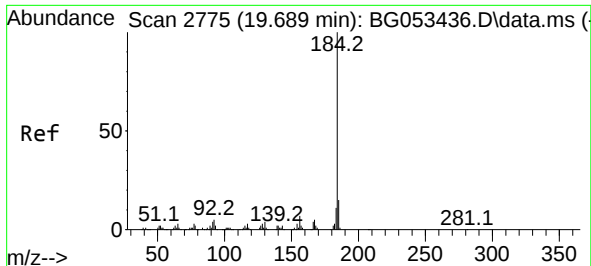
Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

236 24.3 20.2 30.4

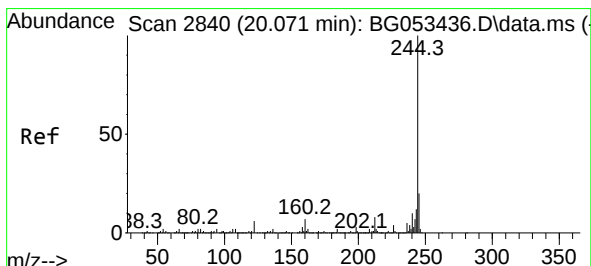
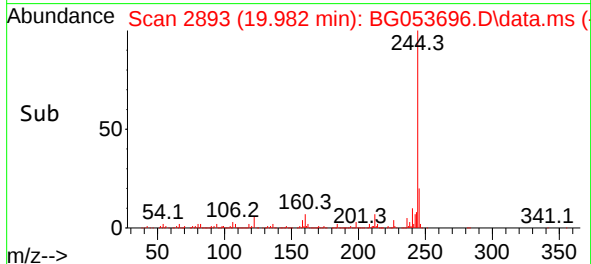
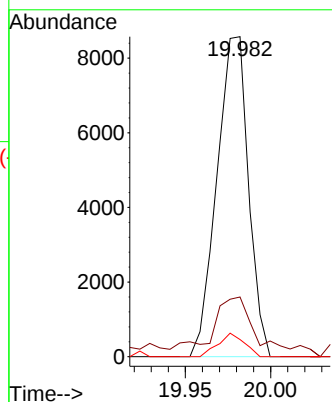
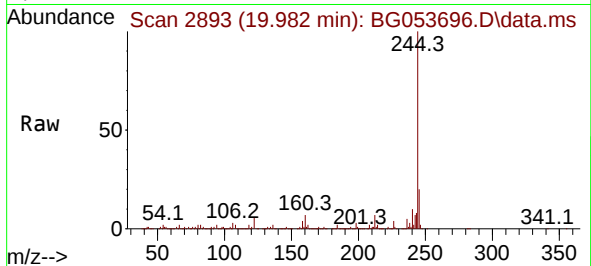




#77
Benzidine
Concen: 2.572 ng
RT: 19.982 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

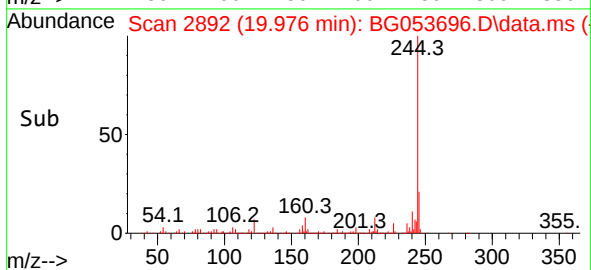
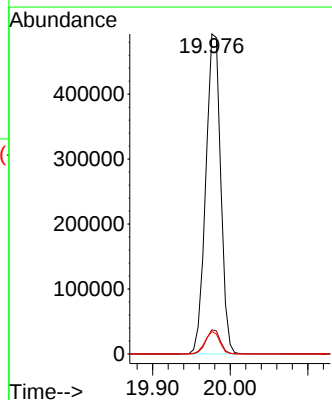
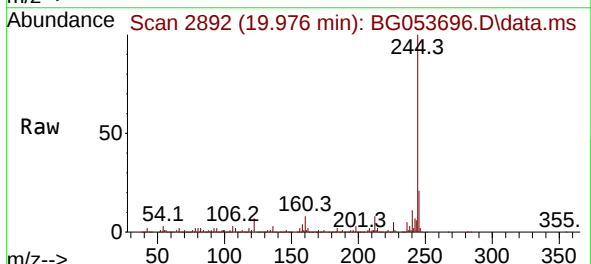
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

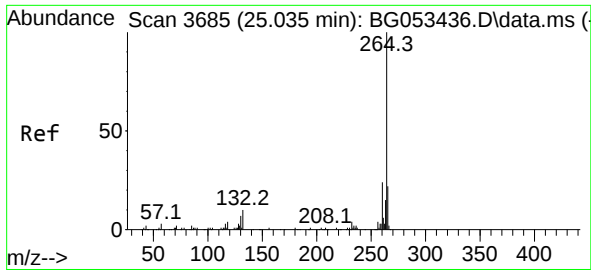
Tgt Ion:184 Resp: 11051
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 5.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 61.382 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:244 Resp: 657049
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.0 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.840 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053696.D

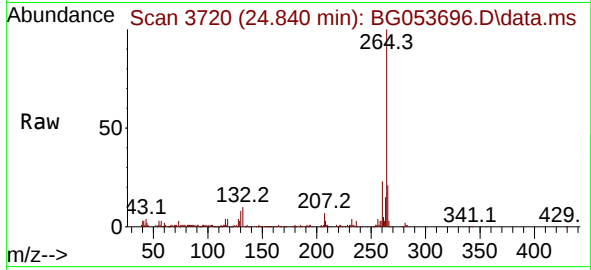
Acq: 25 May 2022 16:33

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01



Tgt Ion:264 Resp: 203185

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 20.9 17.4 26.2

