

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
 Data File : BG052667.D
 Acq On : 15 Mar 2022 15:38
 Operator : CG/JU
 Sample : PB143358BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143358BL

Quant Time: Mar 15 17:31:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

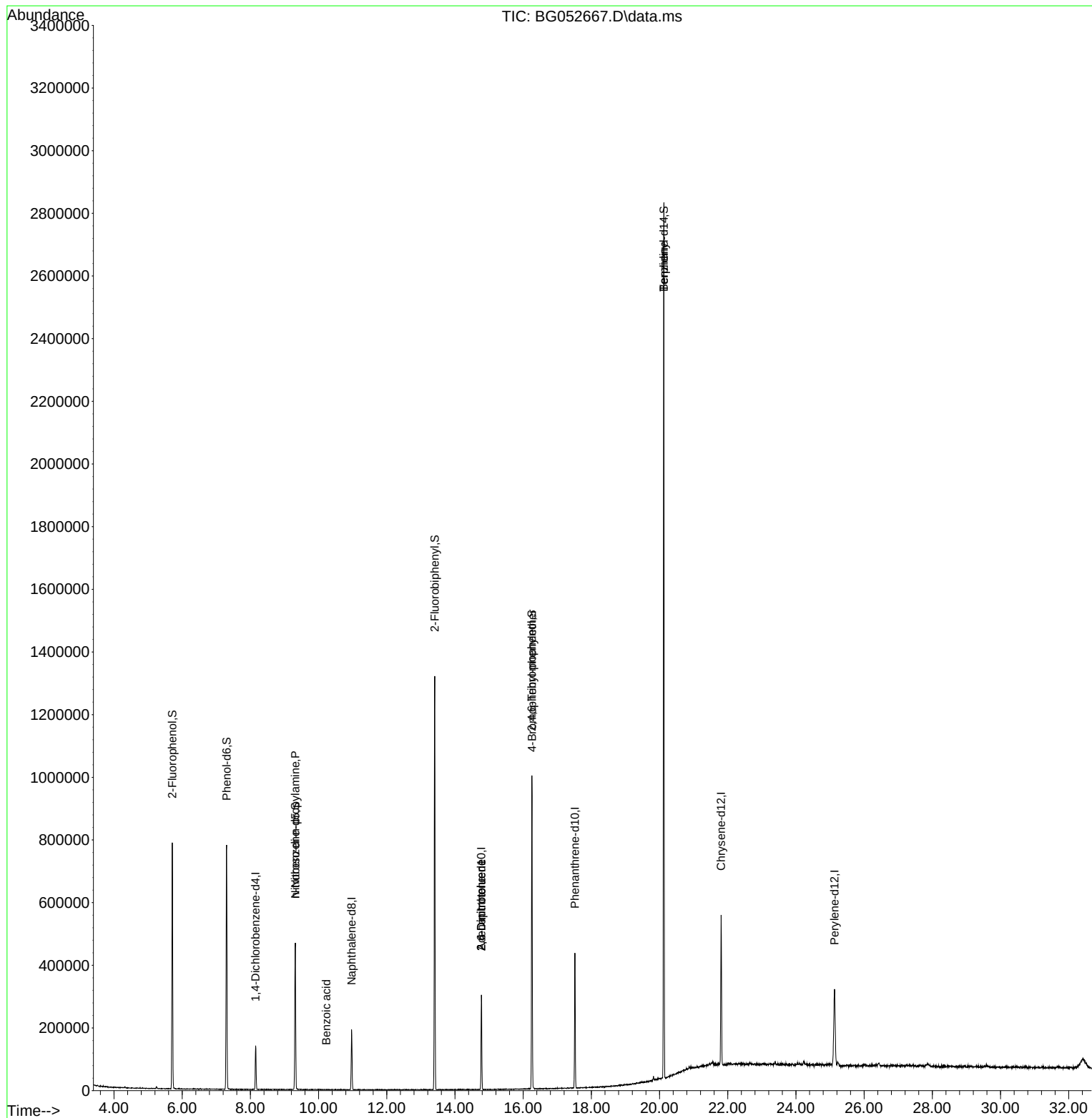
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	38753	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	153485	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	109704	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	262876	20.000	ng	0.00
76) Chrysene-d12	21.806	240	304966	20.000	ng	0.00
86) Perylene-d12	25.131	264	284750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.710	112	321880	144.649	ng	0.00
7) Phenol-d6	7.302	99	457932	136.501	ng	0.00
23) Nitrobenzene-d5	9.317	82	297798	97.381	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	195321	132.499	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	685609	92.172	ng	0.00
79) Terphenyl-d14	20.126	244	1467588	85.604	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.302	77	1173	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.317	70	39463	16.609	ng	# 78
32) Benzoic acid	10.228	122	69	5.711	ng	# 1
51) 2,6-Dinitrotoluene	14.774	165	14864	10.798	ng	# 25
57) 2,4-Dinitrotoluene	14.774	165	14864	7.782	ng	# 24
67) 4-Bromophenyl-phenylether	16.261	248	12415	3.917	ng	# 1
77) Benzidine	20.126	184	25753	3.274	ng	# 94

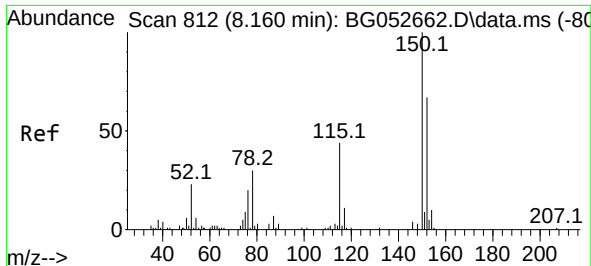
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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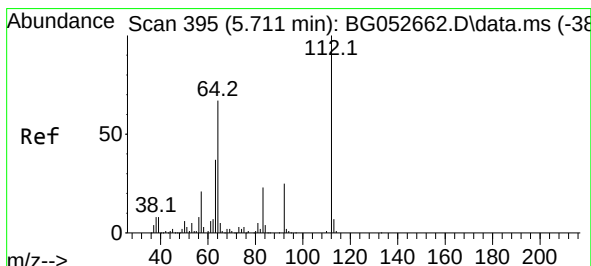
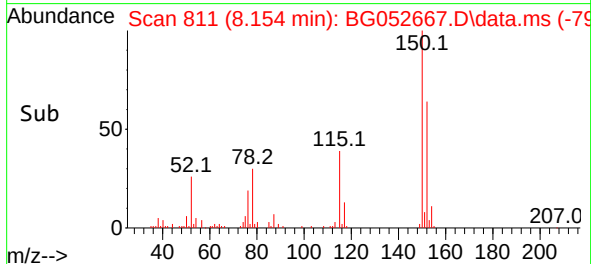
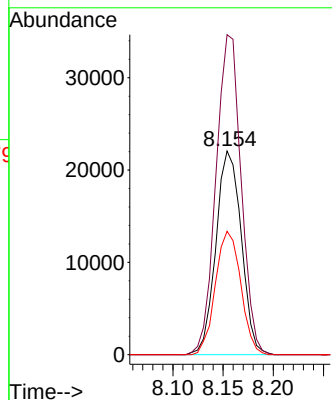
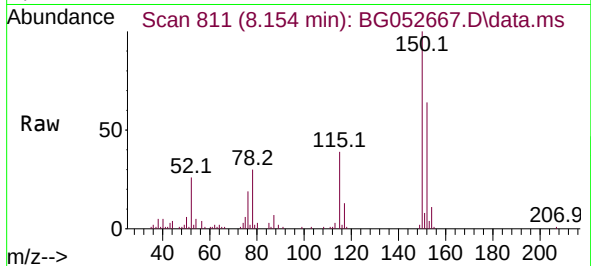




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

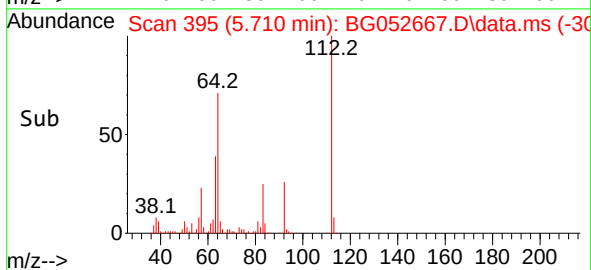
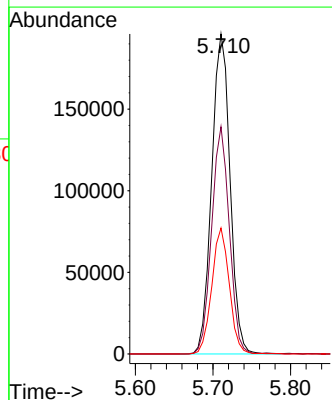
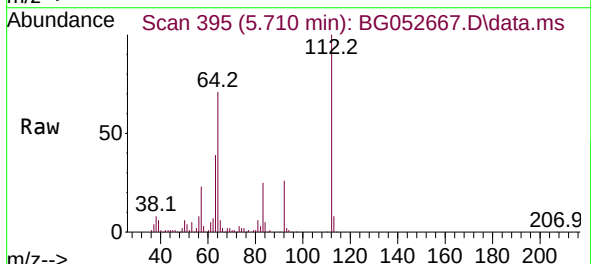
Instrument :
BNA_G
ClientSampleId :
PB143358BL

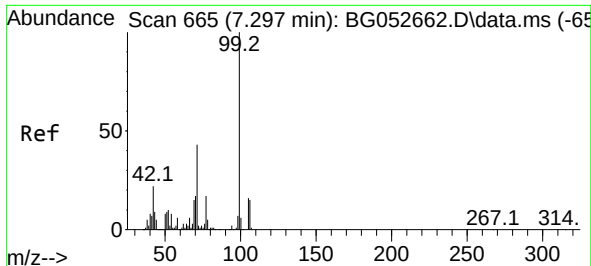
Tgt Ion:152 Resp: 38753
Ion Ratio Lower Upper
152 100
150 157.1 114.6 172.0
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 144.649 ng
RT: 5.710 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion:112 Resp: 321880
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 39.4 26.5 39.7

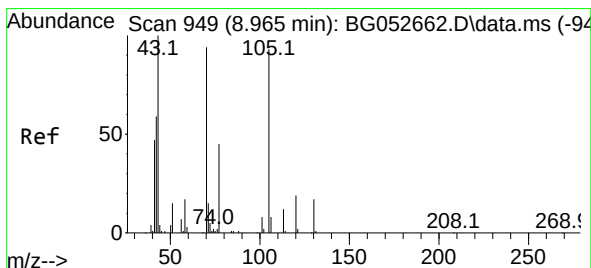
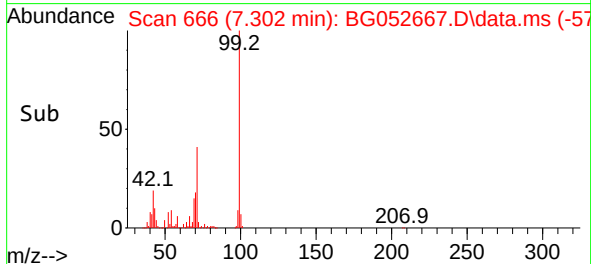
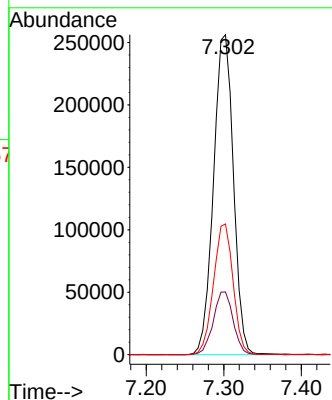
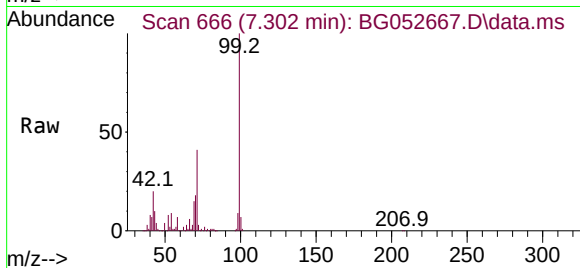




#7
Phenol-d6
Concen: 136.501 ng
RT: 7.302 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

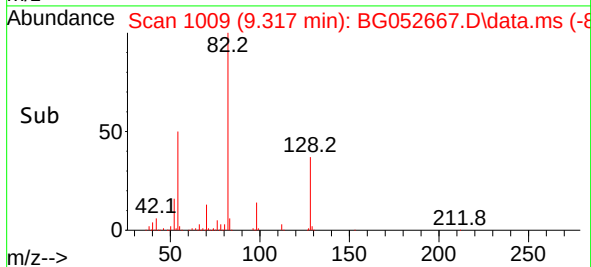
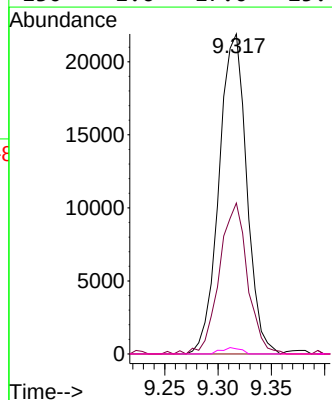
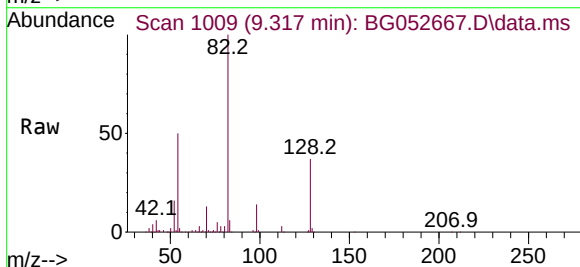
Instrument :
BNA_G
ClientSampleId :
PB143358BL

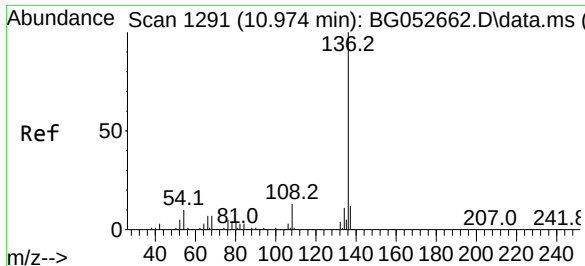
Tgt Ion: 99 Resp: 457932
Ion Ratio Lower Upper
99 100
42 19.6 14.7 22.1
71 40.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.609 ng
RT: 9.317 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion: 70 Resp: 39463
Ion Ratio Lower Upper
70 100
42 47.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

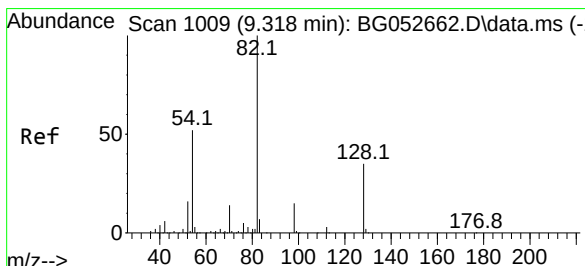
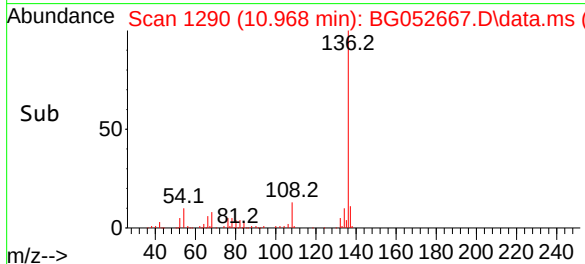
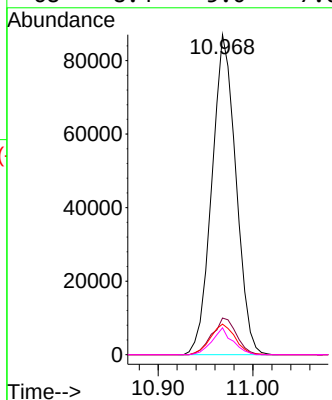
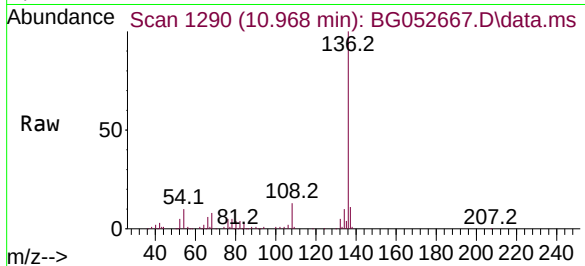




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

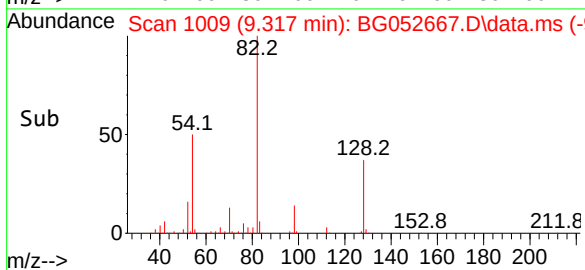
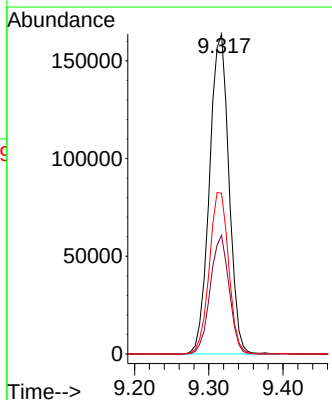
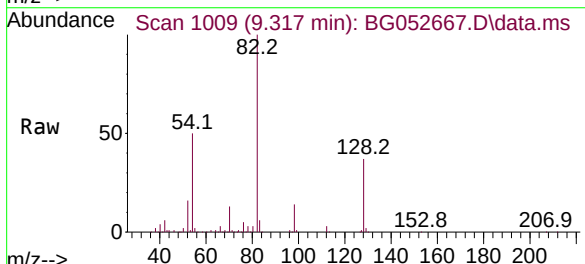
Instrument :
BNA_G
ClientSampleId :
PB143358BL

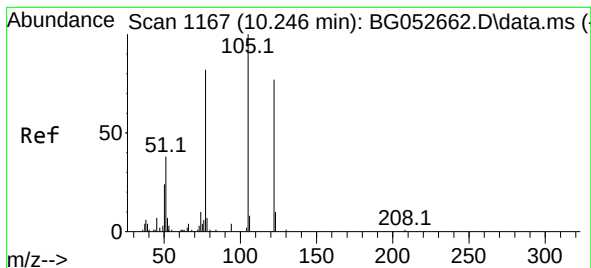
Tgt Ion:136 Resp: 153485
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.5 6.4 9.6
68 8.4 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 97.381 ng
RT: 9.317 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion: 82 Resp: 297798
Ion Ratio Lower Upper
82 100
128 37.1 31.3 46.9
54 50.2 37.8 56.8





#32

Benzoic acid

Concen: 5.711 ng

RT: 10.228 min Scan# 1164

Delta R.T. -0.018 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

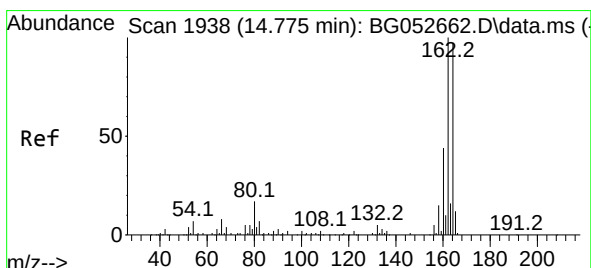
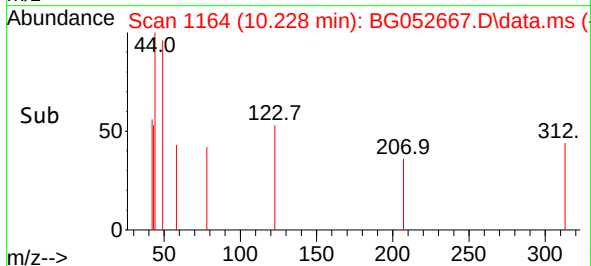
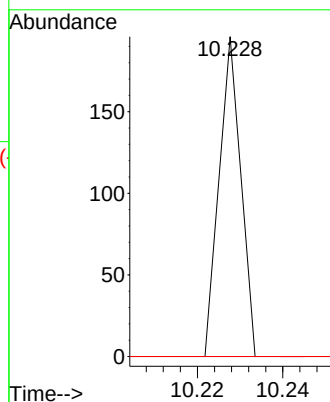
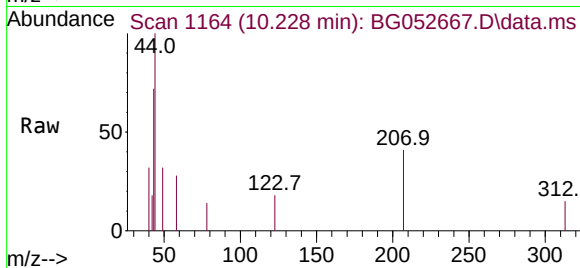
Instrument :

BNA_G

ClientSampleId :

PB143358BL

Tgt Ion:	122	Resp:	69
Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	0.0	78.4	118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

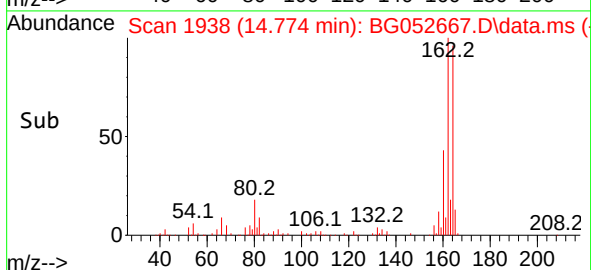
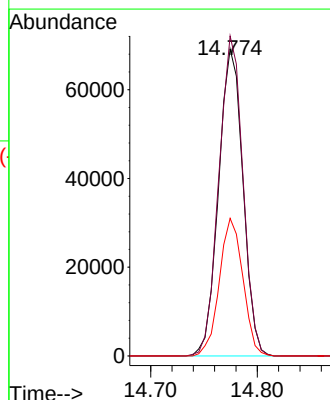
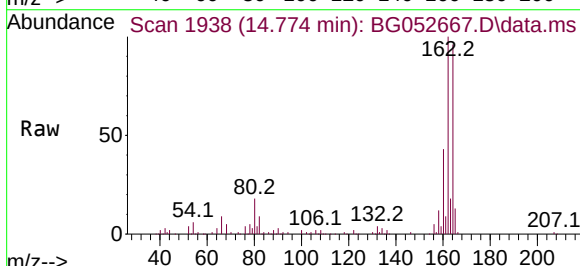
RT: 14.774 min Scan# 1938

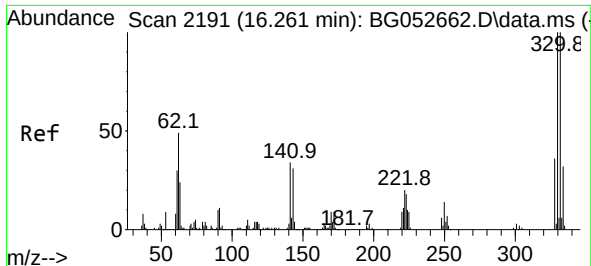
Delta R.T. -0.001 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

Tgt Ion:	164	Resp:	109704
Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.0	120.0
160	44.8	38.8	58.2

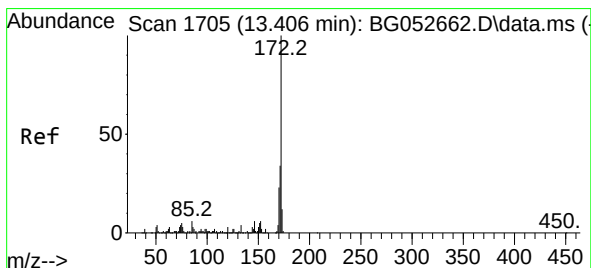
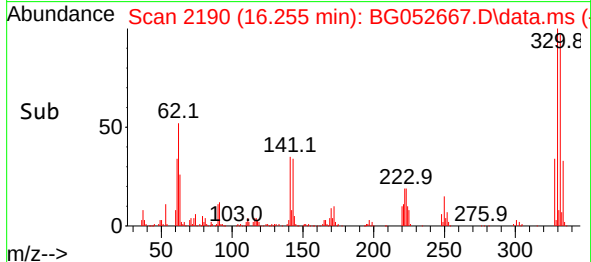
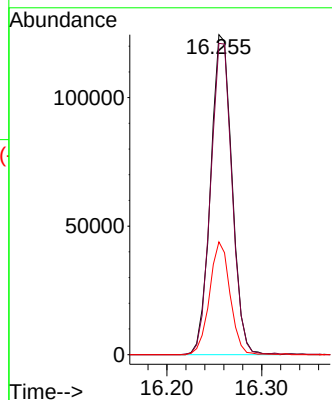
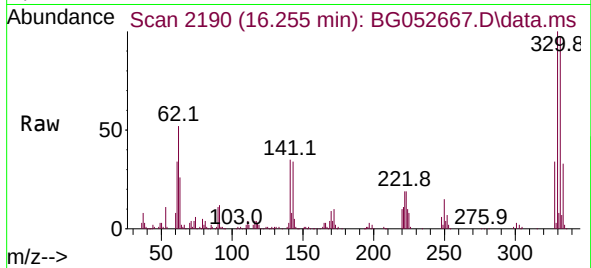




#42
2,4,6-Tribromophenol
Concen: 132.499 ng
RT: 16.255 min Scan# 2191
Delta R.T. -0.007 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

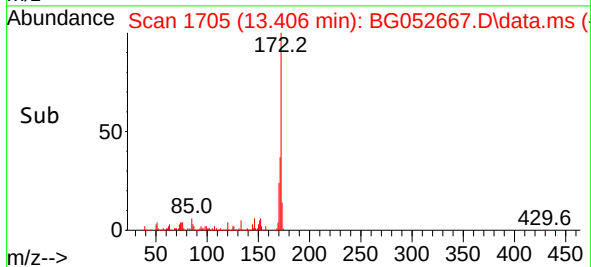
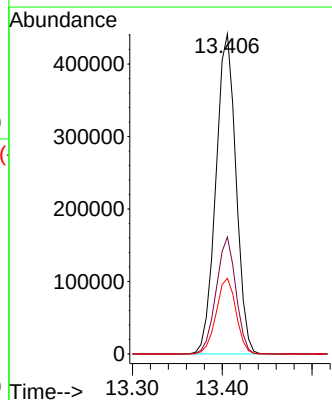
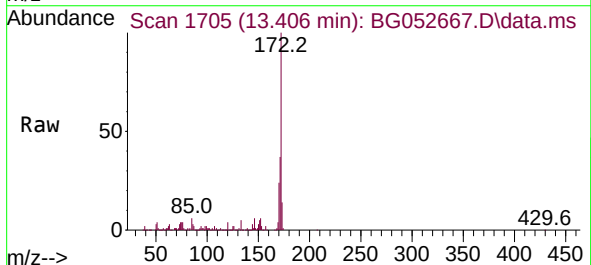
Instrument :
BNA_G
ClientSampleId :
PB143358BL

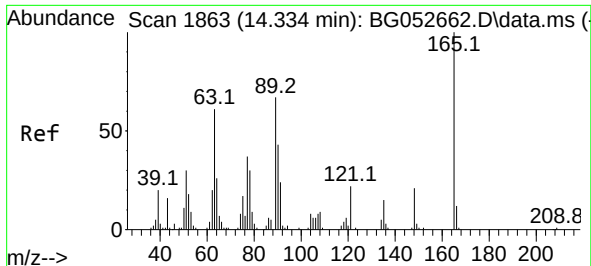
Tgt Ion:330 Resp: 195321
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 92.172 ng
RT: 13.406 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion:172 Resp: 685609
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 23.7 18.0 27.0

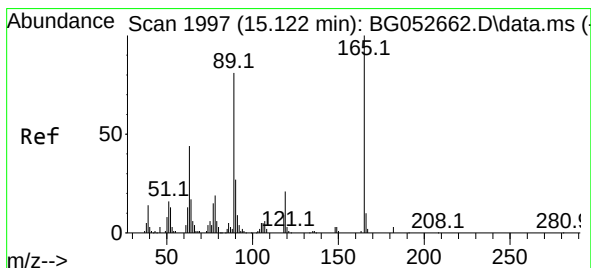
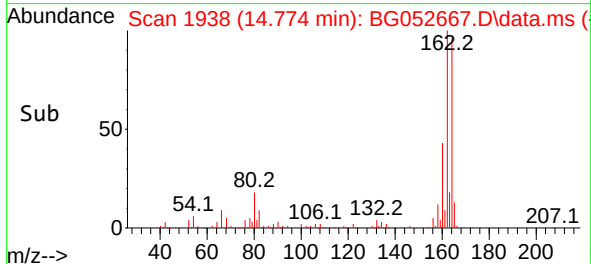
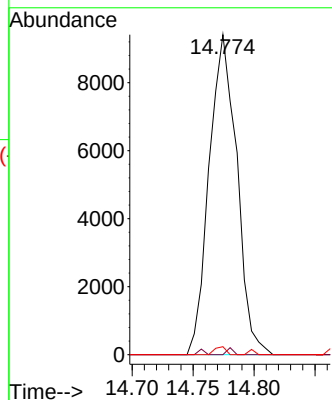
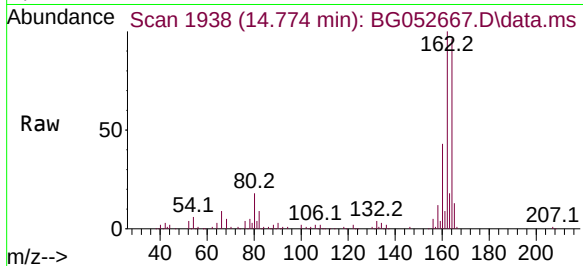




#51
2,6-Dinitrotoluene
Concen: 10.798 ng
RT: 14.774 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

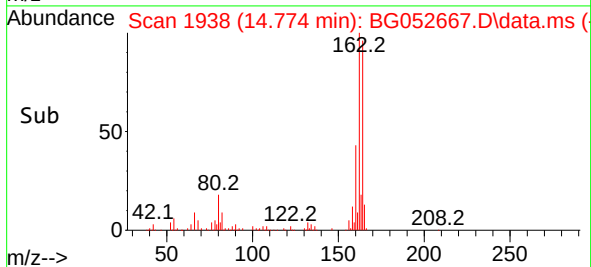
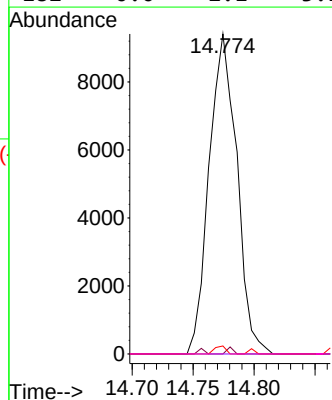
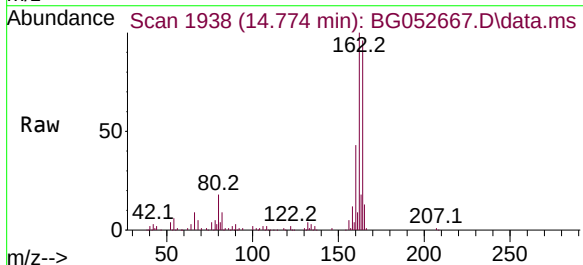
Instrument :
BNA_G
ClientSampleId :
PB143358BL

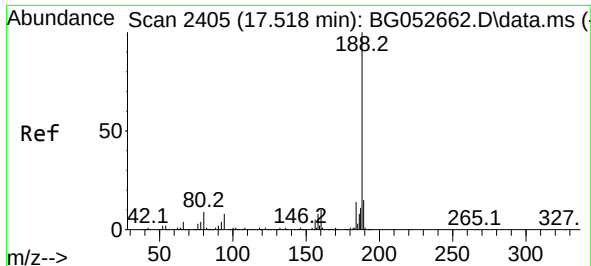
Tgt Ion:165 Resp: 14864
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.5 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.782 ng
RT: 14.774 min Scan# 1938
Delta R.T. -0.347 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion:165 Resp: 14864
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.5 57.4 86.0#
182 0.0 2.1 3.1#

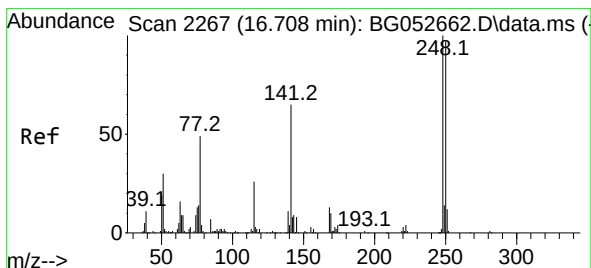
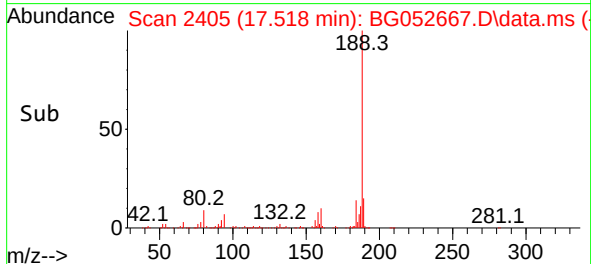
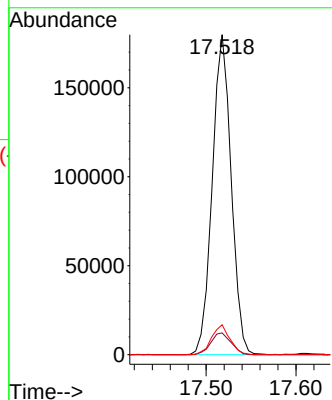
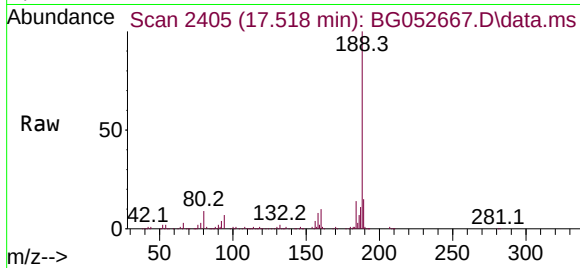




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

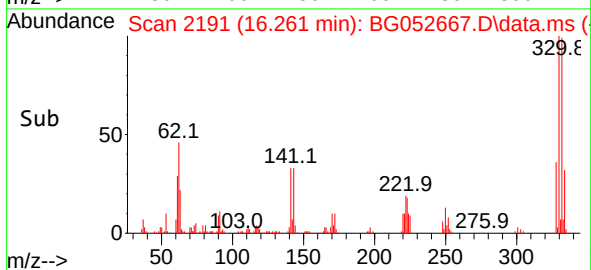
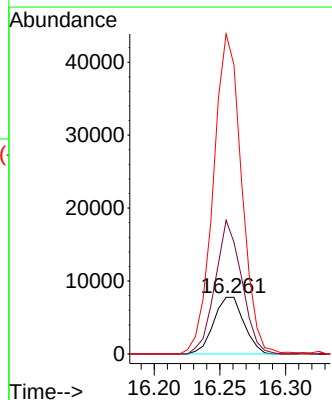
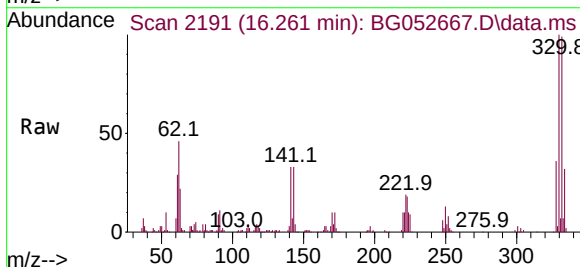
Instrument :
BNA_G
ClientSampleId :
PB143358BL

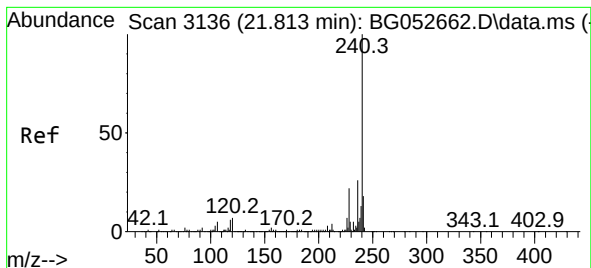
Tgt Ion:188 Resp: 262876
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 9.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.917 ng
RT: 16.261 min Scan# 2191
Delta R.T. -0.447 min
Lab File: BG052667.D
Acq: 15 Mar 2022 15:38

Tgt Ion:248 Resp: 12415
Ion Ratio Lower Upper
248 100
250 197.1 77.9 116.9#
141 510.5 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.806 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

Instrument :

BNA_G

ClientSampleId :

PB143358BL

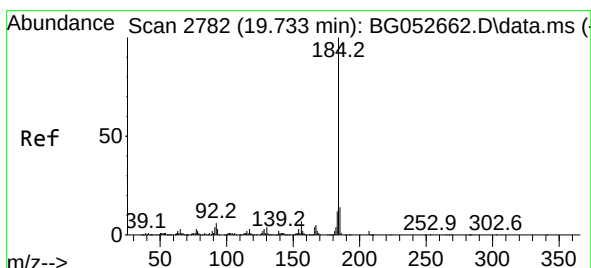
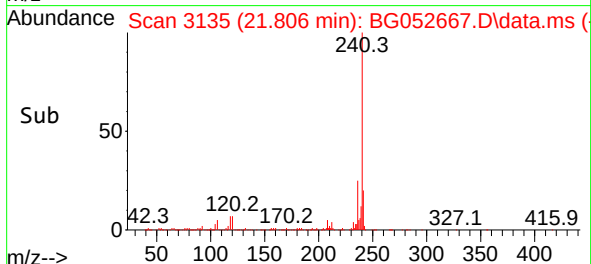
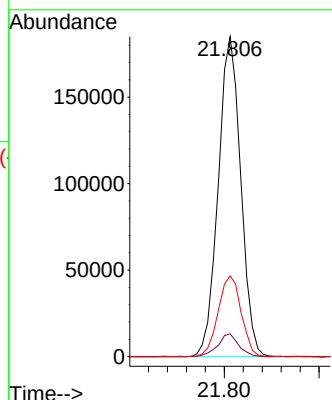
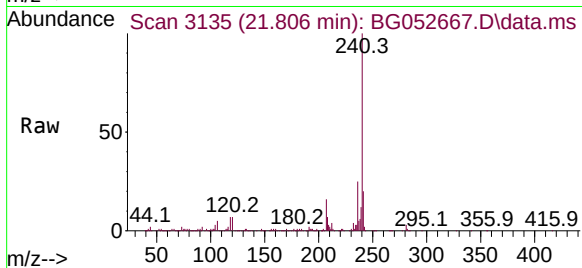
Tgt Ion:240 Resp: 304966

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

236 25.3 19.8 29.6



#77

Benzidine

Concen: 3.274 ng

RT: 20.126 min Scan# 2849

Delta R.T. 0.393 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

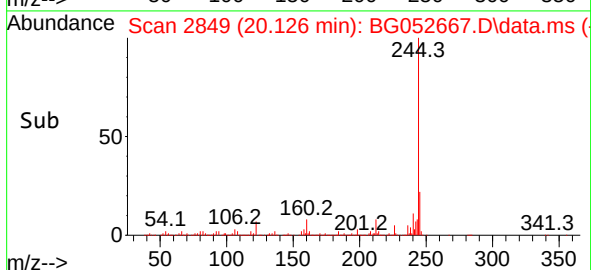
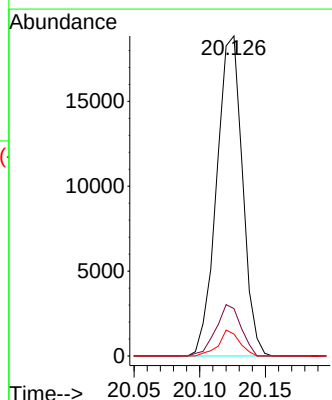
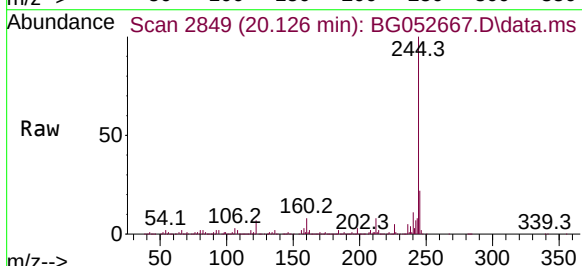
Tgt Ion:184 Resp: 25753

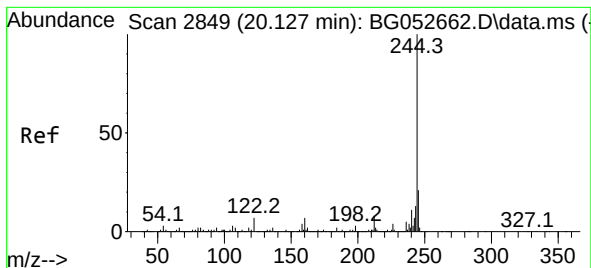
Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 6.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 85.604 ng

RT: 20.126 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

Instrument :

BNA_G

ClientSampleId :

PB143358BL

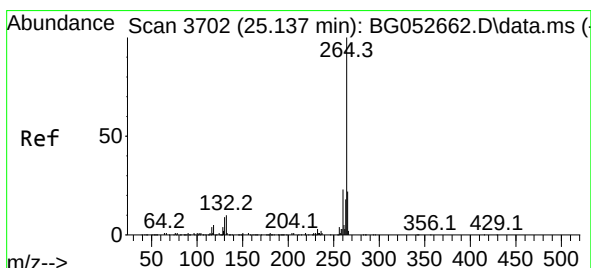
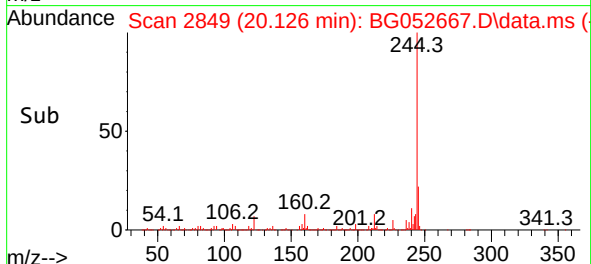
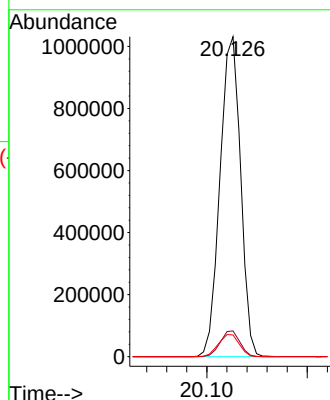
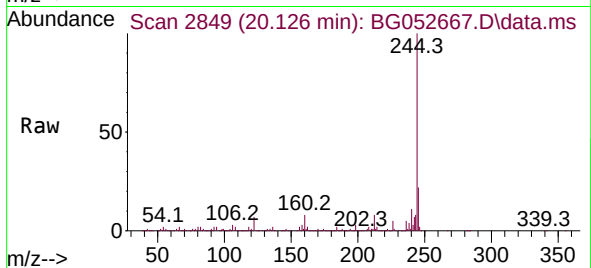
Tgt Ion:244 Resp: 1467588

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 6.8 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.131 min Scan# 3701

Delta R.T. -0.007 min

Lab File: BG052667.D

Acq: 15 Mar 2022 15:38

Tgt Ion:264 Resp: 284750

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 21.9 15.1 22.7

