

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052363.D
 Acq On : 10 Feb 2022 20:51
 Operator : CG/JU
 Sample : N1426-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-02-0207

Quant Time: Feb 11 02:07:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

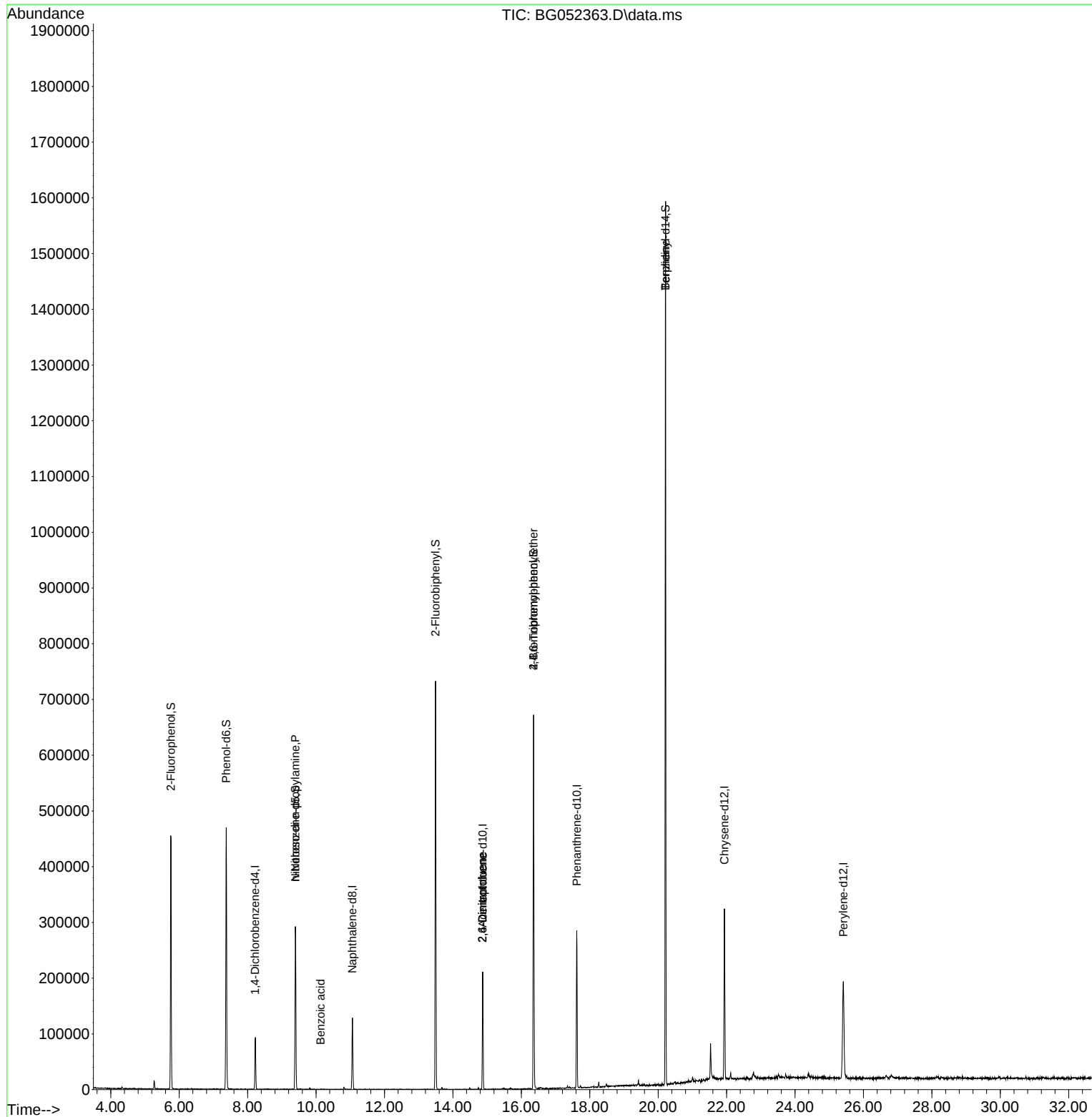
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26739	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	110332	20.000	ng	0.00
39) Acenaphthene-d10	14.872	164	74636	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	190169	20.000	ng	0.00
76) Chrysene-d12	21.939	240	197979	20.000	ng	0.00
86) Perylene-d12	25.410	264	201316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	190216	123.984	ng	0.00
7) Phenol-d6	7.376	99	260419	110.012	ng	0.00
23) Nitrobenzene-d5	9.397	82	184238	72.574	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	137099	127.859	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	403497	75.121	ng	0.00
79) Terphenyl-d14	20.217	244	795506	70.955	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.397	70	25975	14.555	ng	# 69
32) Benzoic acid	10.131	122	64	6.034	ng	# 1
51) 2,6-Dinitrotoluene	14.866	165	10085	8.174	ng	# 17
57) 2,4-Dinitrotoluene	14.866	165	10085	5.743	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	8662	3.745	ng	# 1
77) Benzidine	20.217	184	11675	2.760	ng	# 96

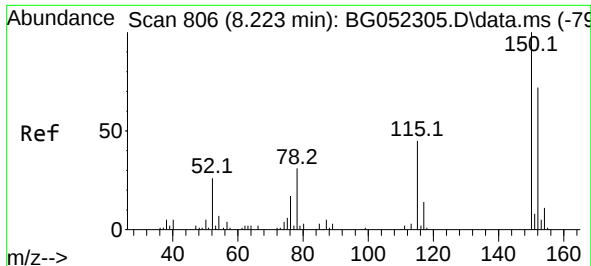
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 11 02:07:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

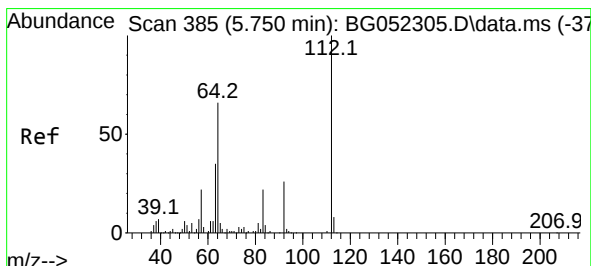
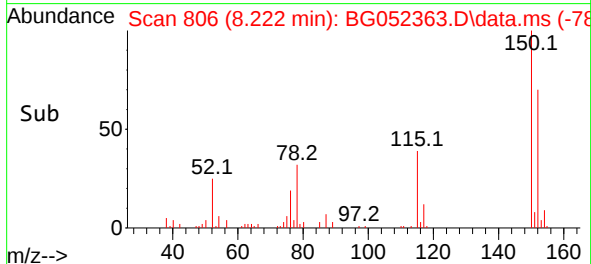
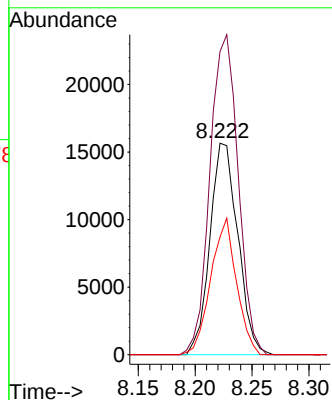
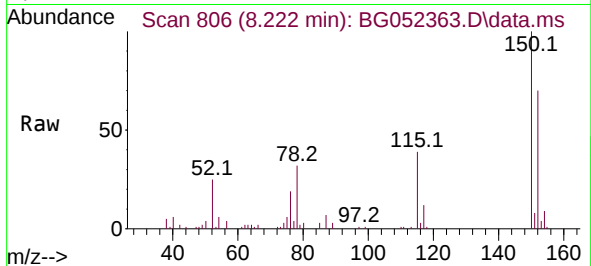




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

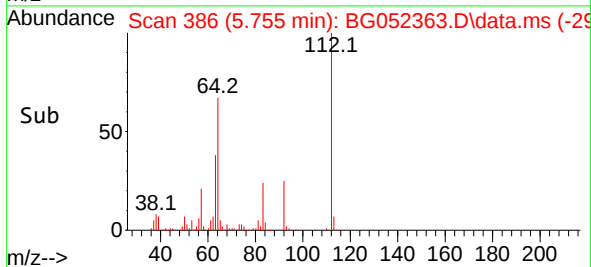
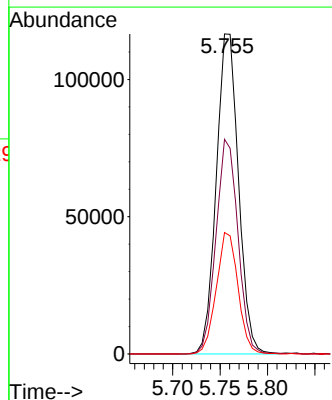
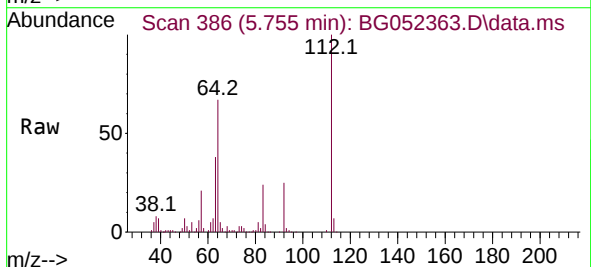
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

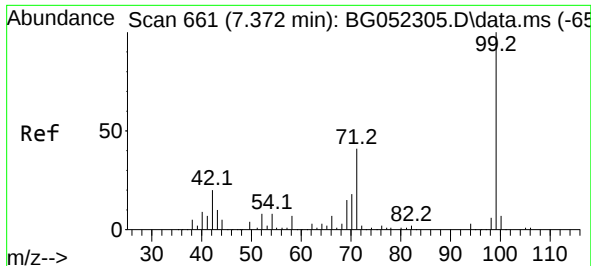
Tgt Ion:152 Resp: 26739
Ion Ratio Lower Upper
152 100
150 143.3 117.8 176.8
115 55.7 50.2 75.2



#5
2-Fluorophenol
Concen: 123.984 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:112 Resp: 190216
Ion Ratio Lower Upper
112 100
64 67.1 60.4 90.6
63 38.0 33.3 49.9

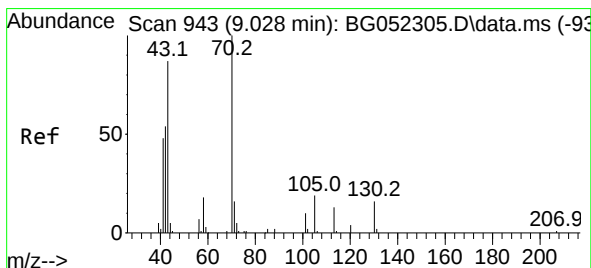
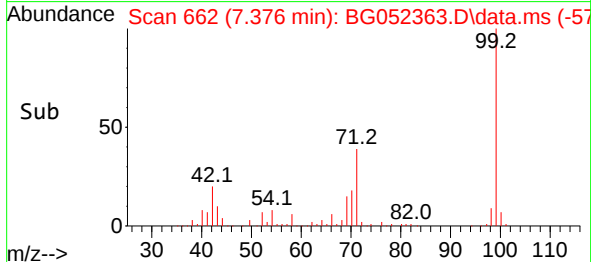
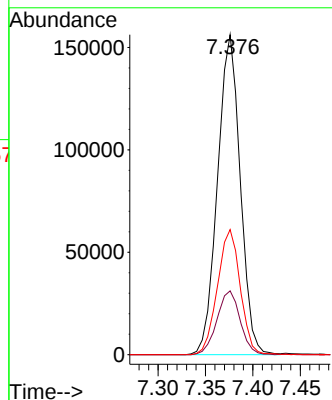
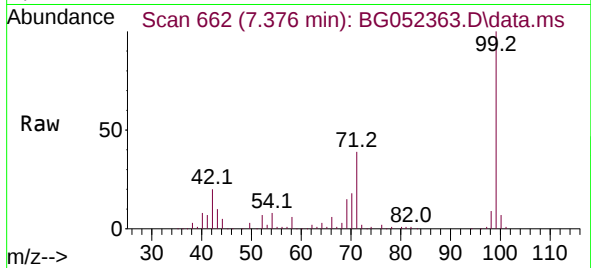




#7
Phenol-d6
Concen: 110.012 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

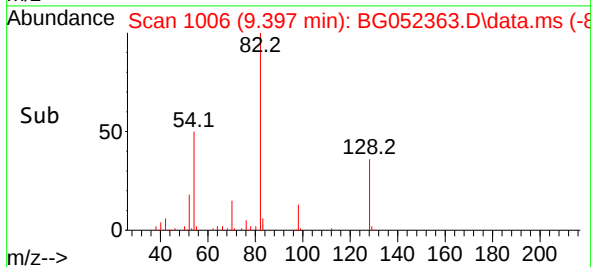
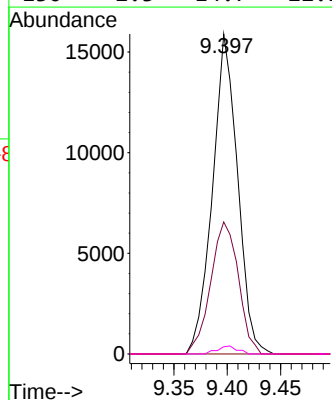
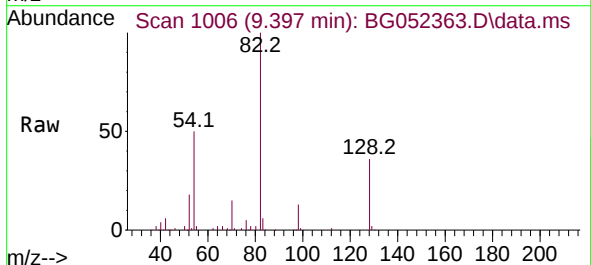
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

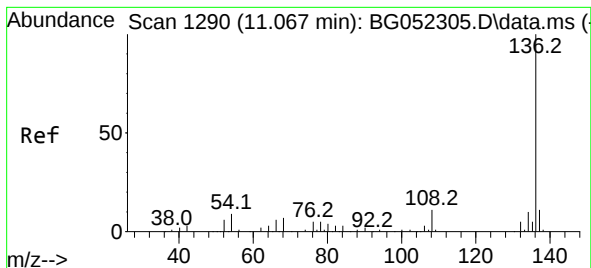
Tgt Ion: 99 Resp: 260419
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.555 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

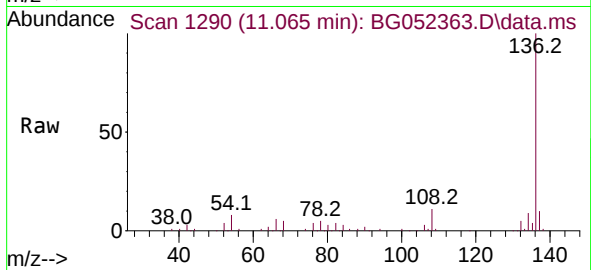
Tgt Ion: 70 Resp: 25975
Ion Ratio Lower Upper
70 100
42 41.2 51.8 77.6#
101 0.0 6.6 10.0#
130 2.3 14.7 22.1#



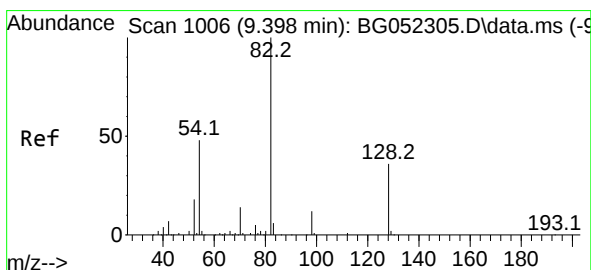
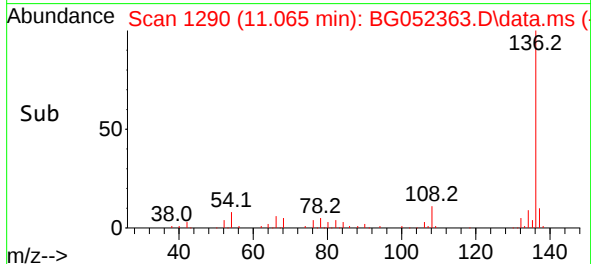
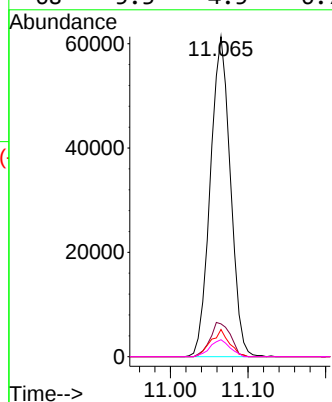


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 1103
Delta R.T. -0.002 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

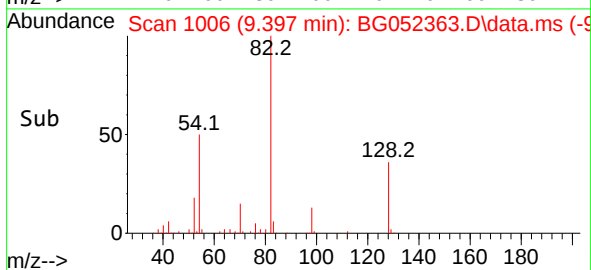
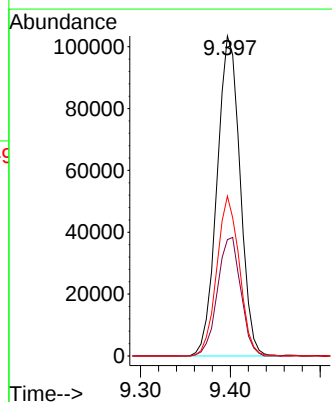
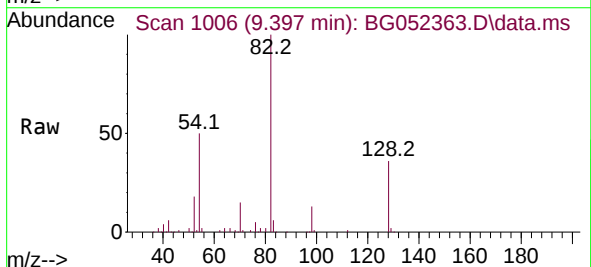


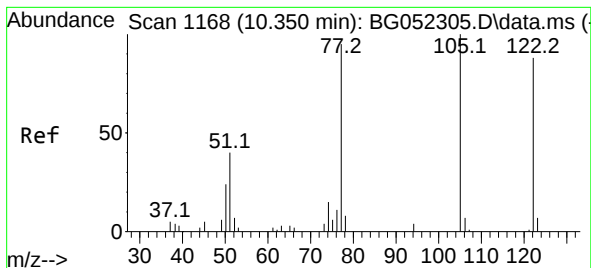
Tgt Ion:	136	Resp:	110332
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.5	8.3	12.5
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 72.574 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:	82	Resp:	184238
Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.0	40.4
54	50.0	41.0	61.6





#32

Benzoic acid

Concen: 6.034 ng

RT: 10.131 min Scan# 1168

Delta R.T. -0.219 min

Lab File: BG052363.D

Acq: 10 Feb 2022 20:51

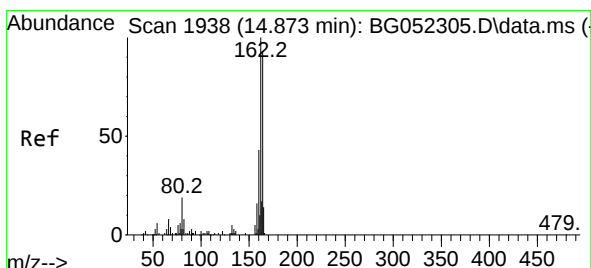
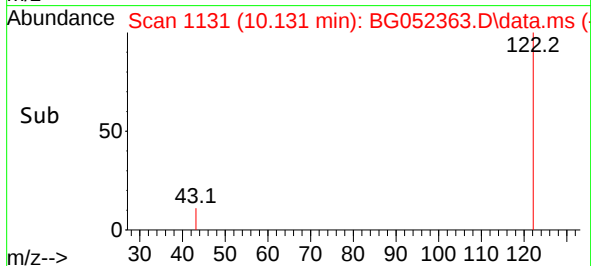
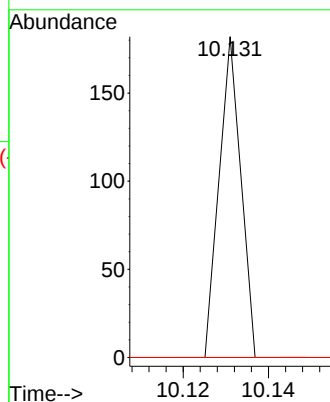
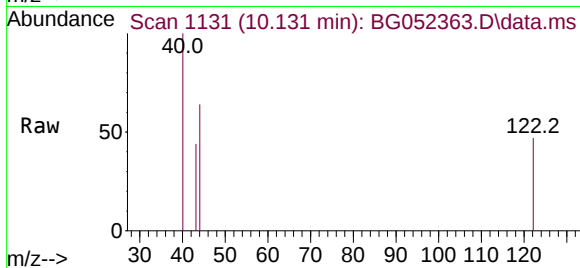
Instrument :

BNA_G

ClientSampleId :

POST-EX-02-0207

Tgt Ion:122	Resp:	64
Ion Ratio	Lower	Upper
122	100	
105	0.0	109.2 149.2#
77	0.0	92.8 132.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

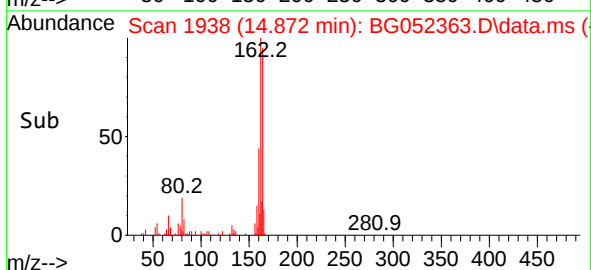
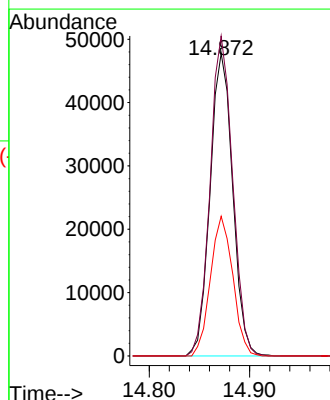
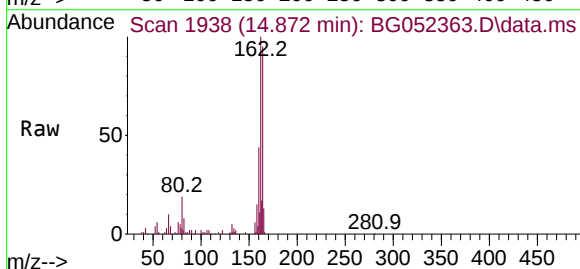
RT: 14.872 min Scan# 1938

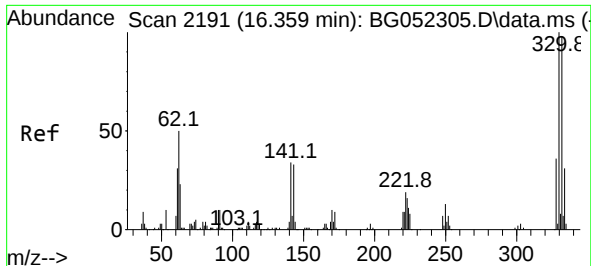
Delta R.T. -0.001 min

Lab File: BG052363.D

Acq: 10 Feb 2022 20:51

Tgt Ion:164	Resp:	74636
Ion Ratio	Lower	Upper
164	100	
162	105.7	82.2 123.2
160	46.1	36.2 54.2

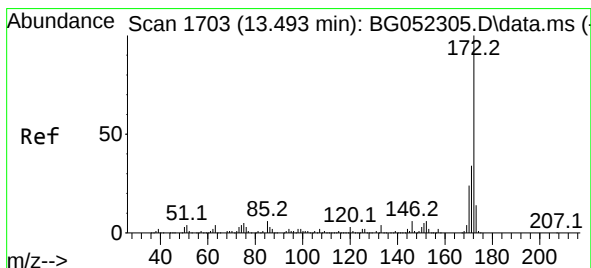
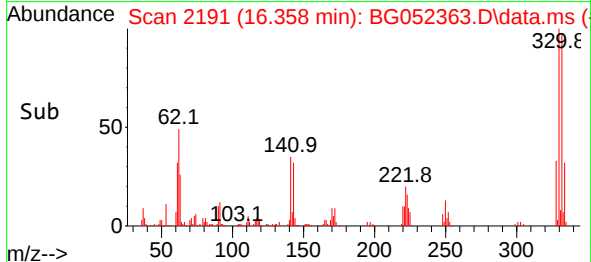
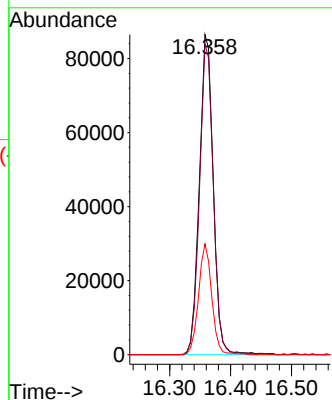
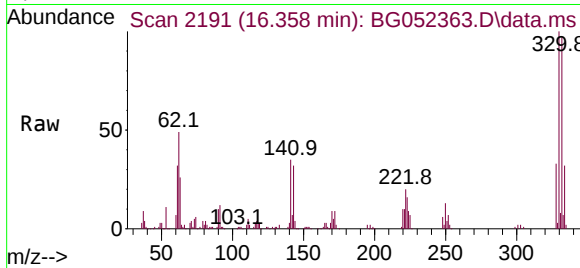




#42
2,4,6-Tribromophenol
Concen: 127.859 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

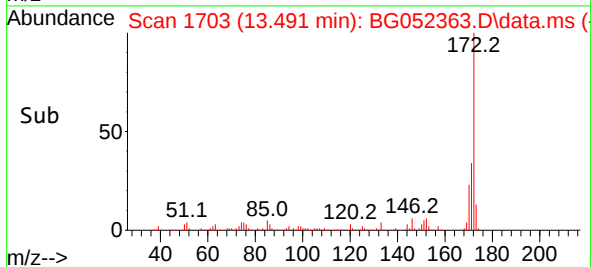
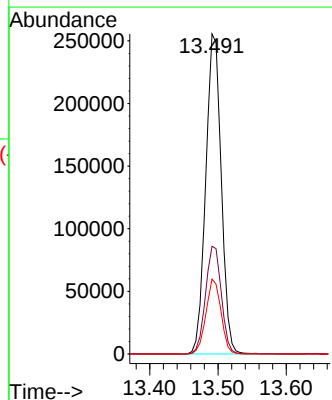
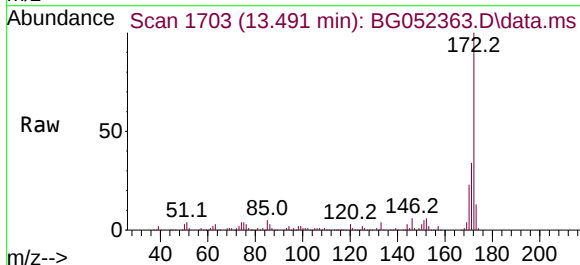
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

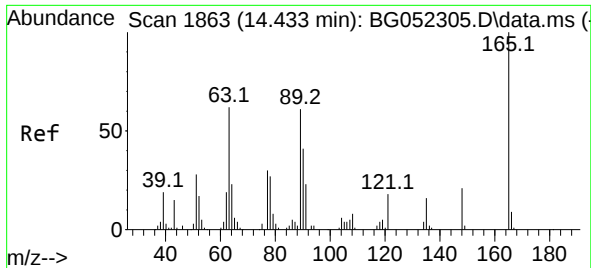
Tgt Ion:330 Resp: 137099
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 32.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 75.121 ng
RT: 13.491 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:172 Resp: 403497
Ion Ratio Lower Upper
172 100
171 33.7 28.3 42.5
170 23.4 18.3 27.5

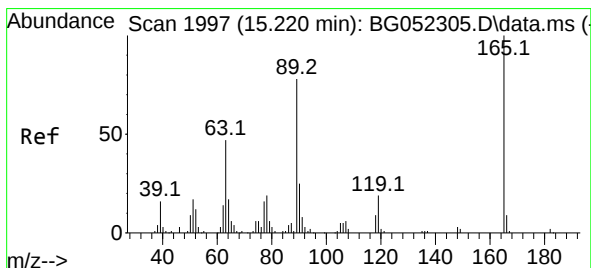
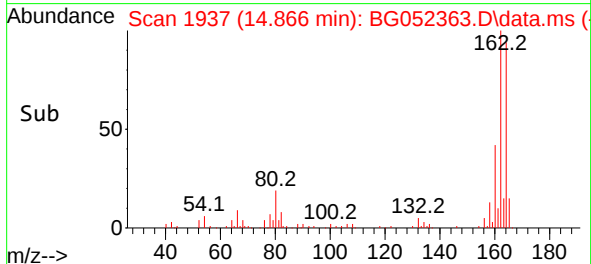
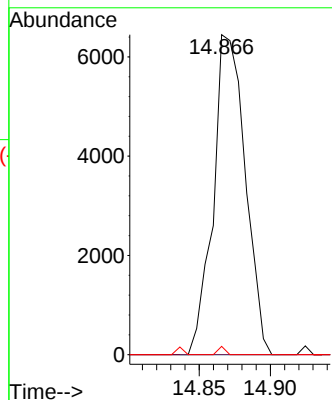
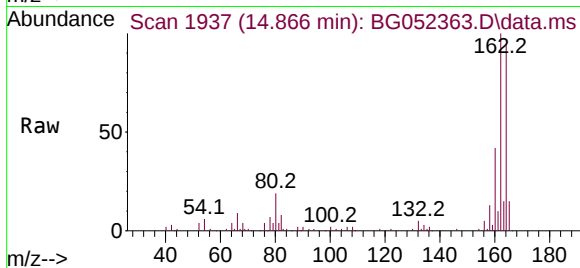




#51
2,6-Dinitrotoluene
Concen: 8.174 ng
RT: 14.866 min Scan# 1937
Delta R.T. 0.433 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

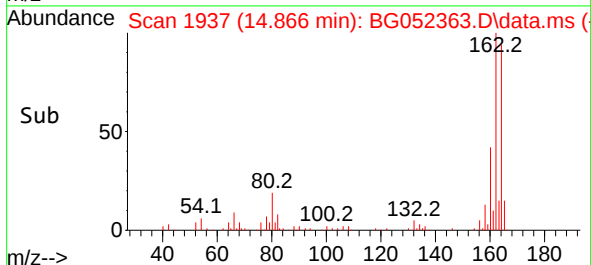
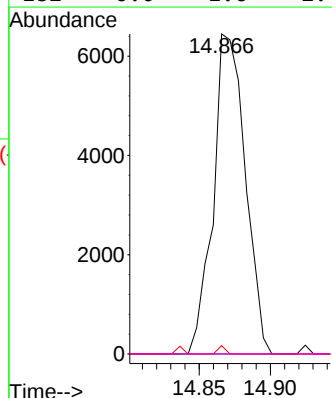
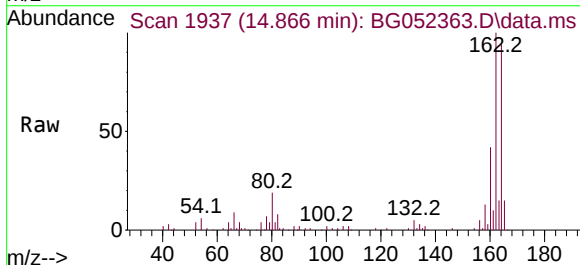
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

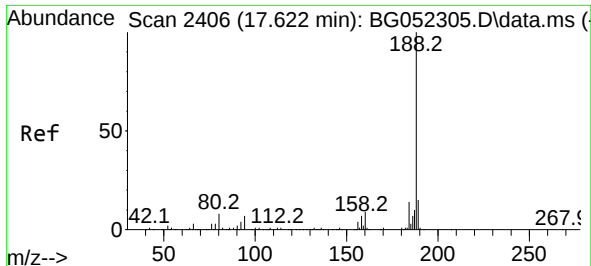
Tgt Ion:165 Resp: 10085
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.6 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.354 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:165 Resp: 10085
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.6 67.4 101.0#
182 0.0 1.6 2.4#

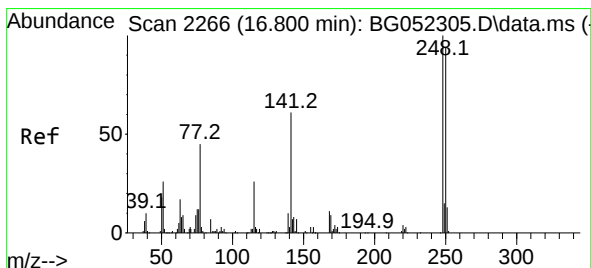
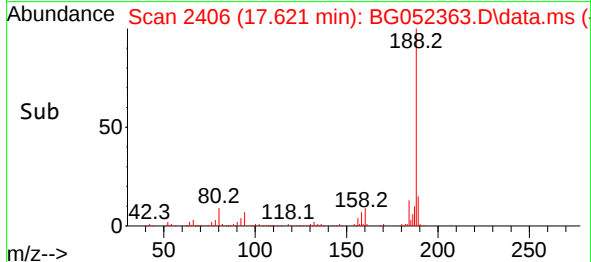
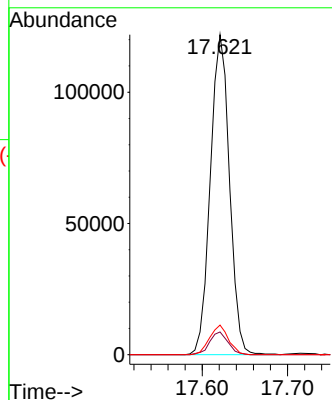
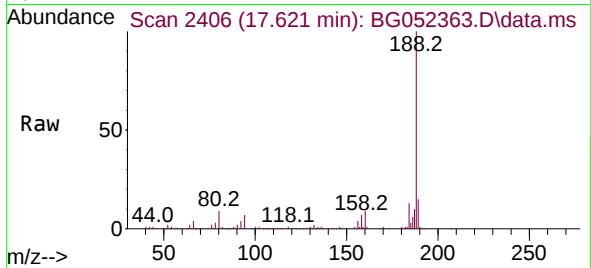




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

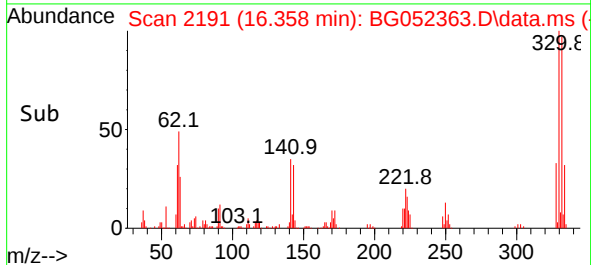
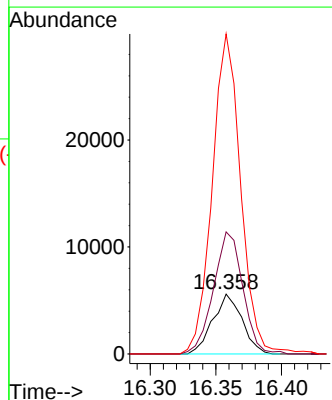
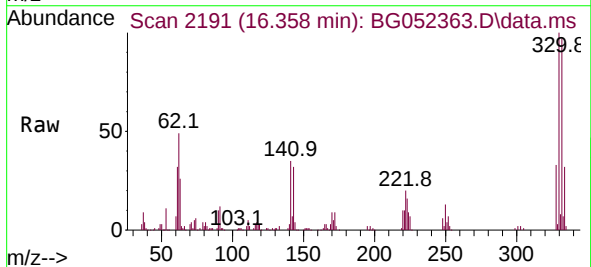
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

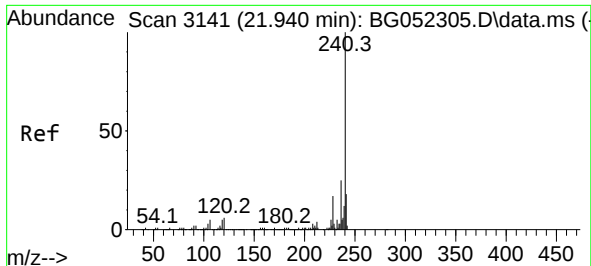
Tgt Ion:188 Resp: 190169
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 9.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.442 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:248 Resp: 8662
Ion Ratio Lower Upper
248 100
250 203.8 79.6 119.4#
141 534.5 54.6 81.8#

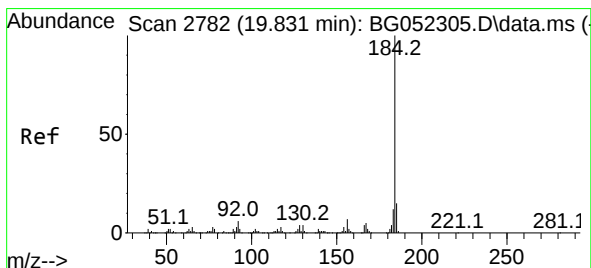
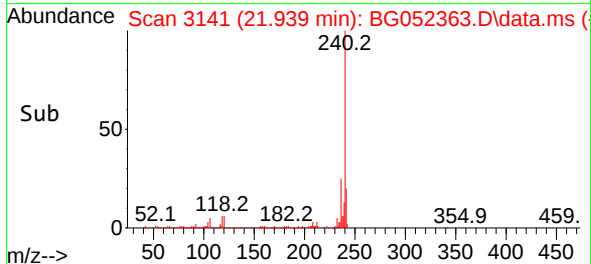
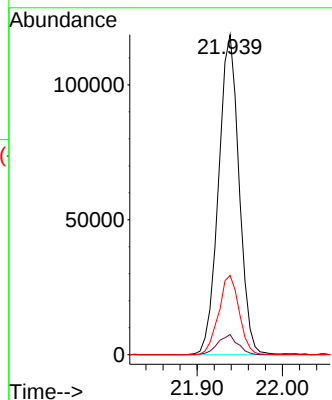
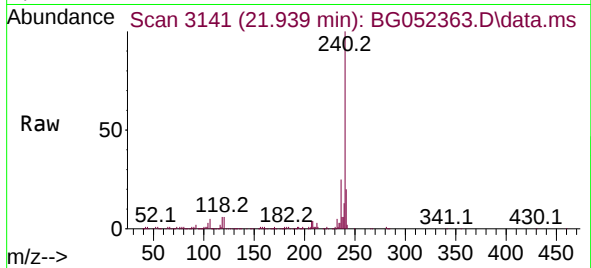




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.002 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

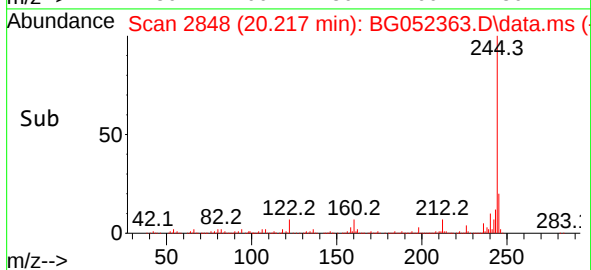
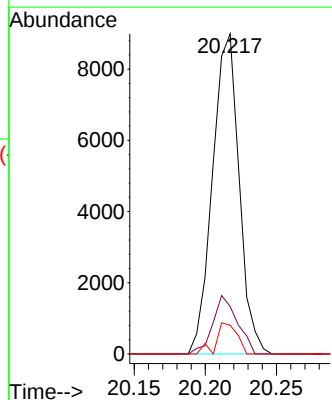
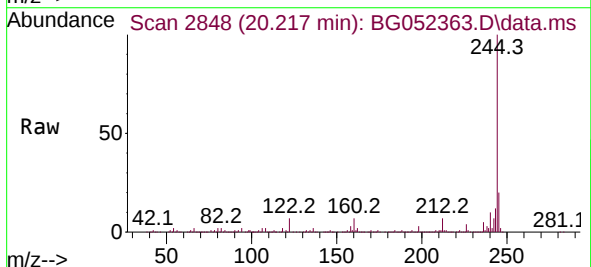
Instrument :
BNA_G
ClientSampleId :
POST-EX-02-0207

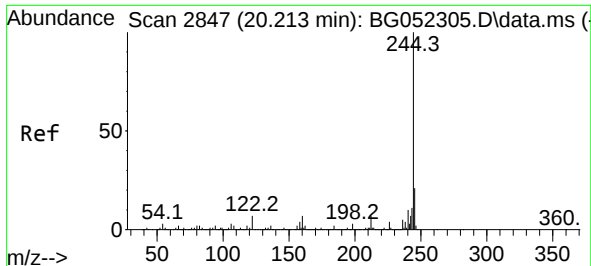
Tgt Ion:240 Resp: 197979
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 24.8 20.8 31.2



#77
Benzidine
Concen: 2.760 ng
RT: 20.217 min Scan# 2848
Delta R.T. 0.386 min
Lab File: BG052363.D
Acq: 10 Feb 2022 20:51

Tgt Ion:184 Resp: 11675
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 8.9 9.8 14.6#

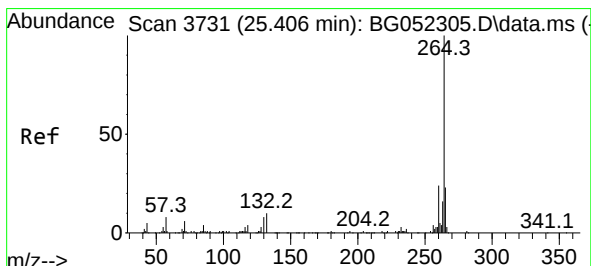
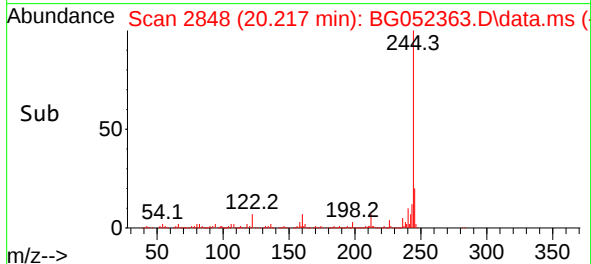
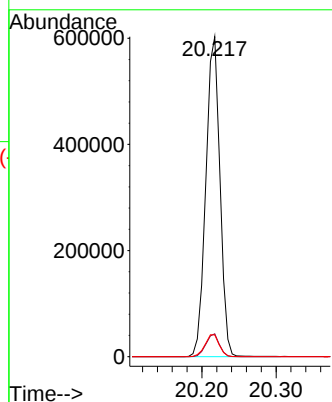
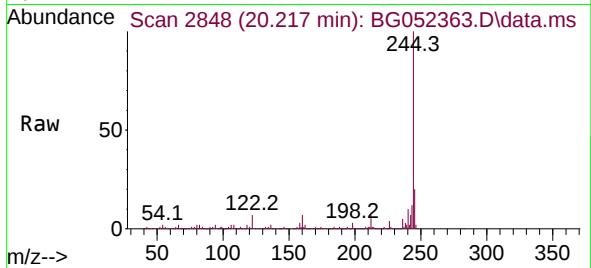




#79
 Terphenyl-d14
 Concen: 70.955 ng
 RT: 20.217 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG052363.D
 Acq: 10 Feb 2022 20:51

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-02-0207

Tgt Ion:244 Resp: 795506
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.410 min Scan# 3732
 Delta R.T. 0.004 min
 Lab File: BG052363.D
 Acq: 10 Feb 2022 20:51

Tgt Ion:264 Resp: 201316
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.4 17.8 26.6

