

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050785.D
 Acq On : 29 Oct 2021 20:03
 Operator : CG/JU
 Sample : M4372-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: Oct 30 01:38:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

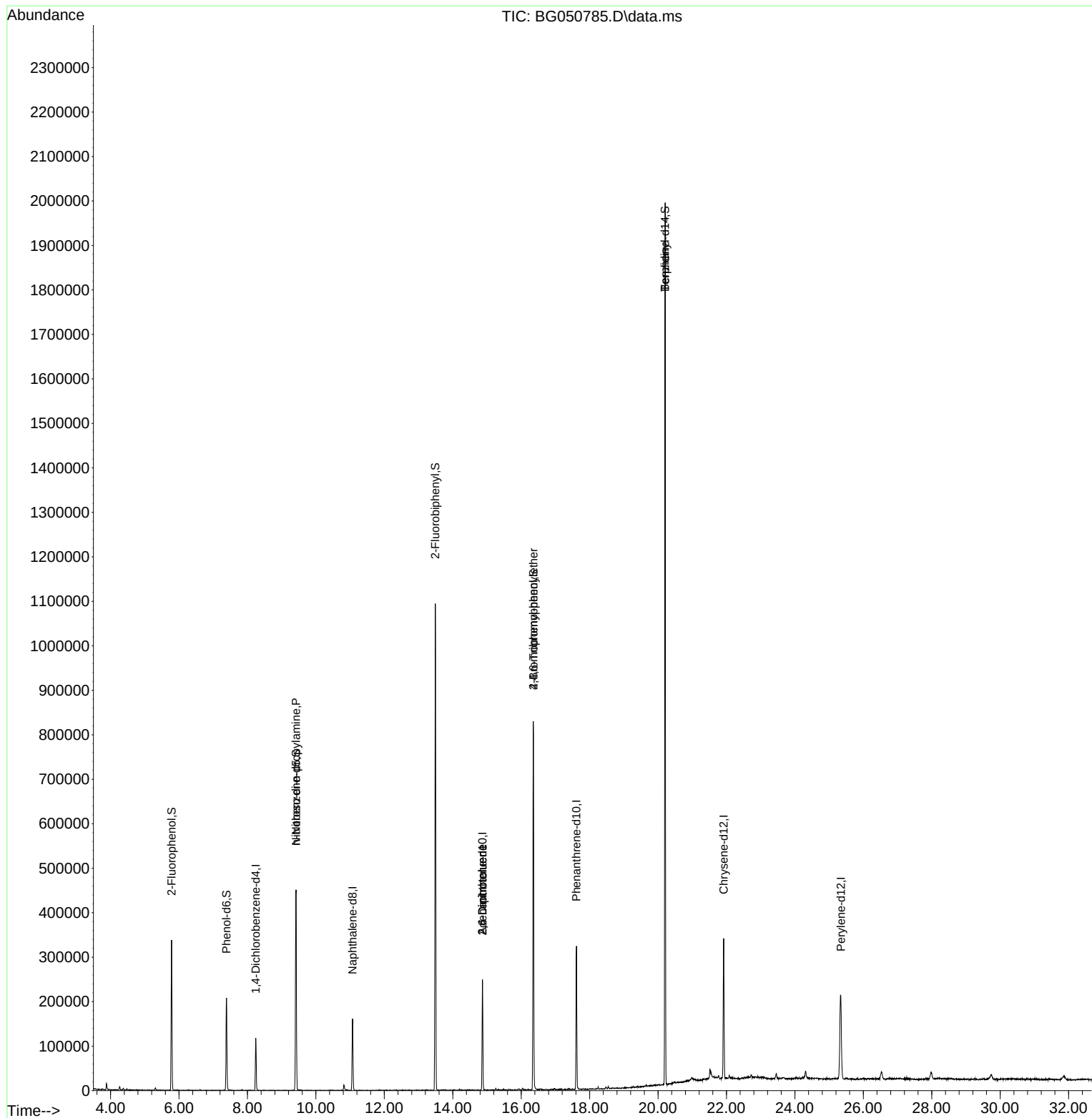
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	31215	20.000	ng	-0.01
21) Naphthalene-d8	11.070	136	133466	20.000	ng	#-0.01
39) Acenaphthene-d10	14.866	164	88026	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	201476	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	189673	20.000	ng	# 0.00
86) Perylene-d12	25.342	264	191315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	142700	68.369	ng	0.00
7) Phenol-d6	7.386	99	120657	39.927	ng	-0.01
23) Nitrobenzene-d5	9.419	82	297232	92.189	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	122710	146.151	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	550699	94.156	ng	-0.01
79) Terphenyl-d14	20.206	244	863812	88.754	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.386	77	154	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.419	70	42948	19.499 ng	#	67
51) 2,6-Dinitrotoluene	14.866	165	11616	8.716 ng	#	10
57) 2,4-Dinitrotoluene	14.866	165	11616	6.184 ng	#	15
67) 4-Bromophenyl-phenylether	16.358	248	10441	5.143 ng	#	1
77) Benzidine	20.206	184	16425	2.672 ng	#	90

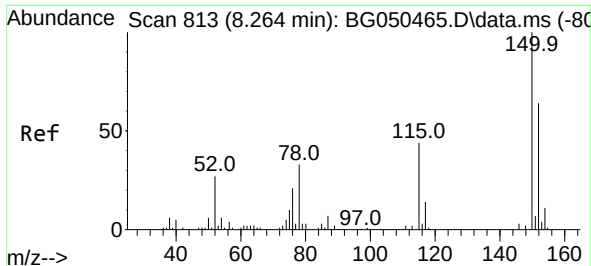
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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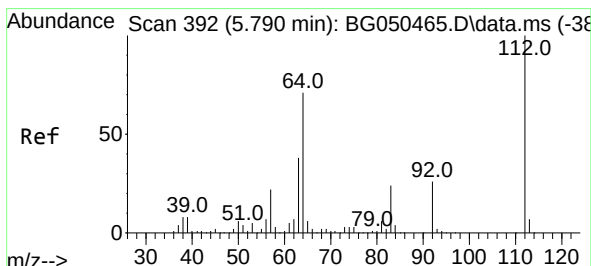
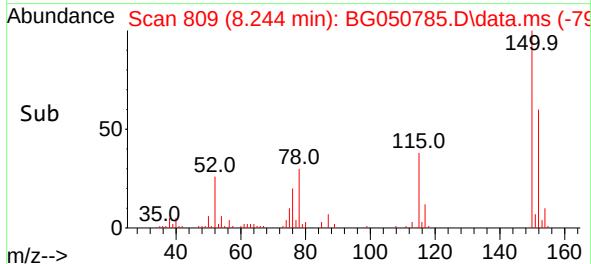
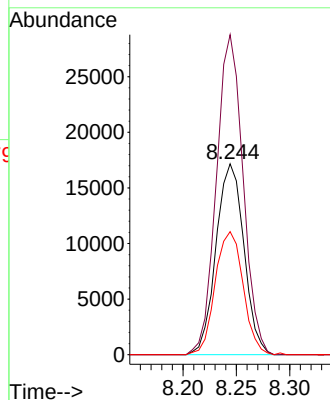
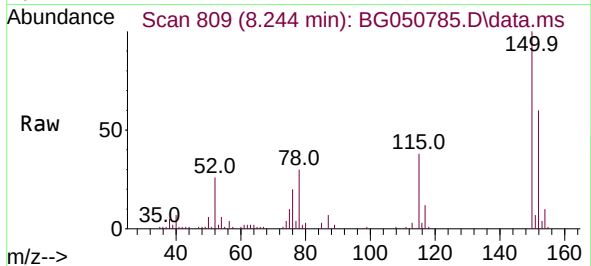




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

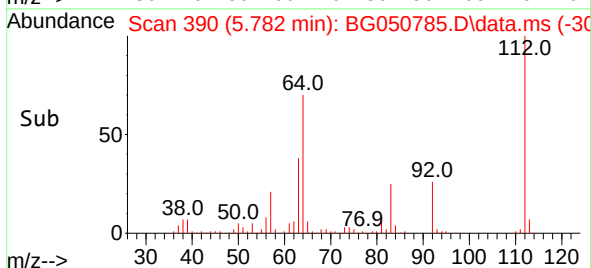
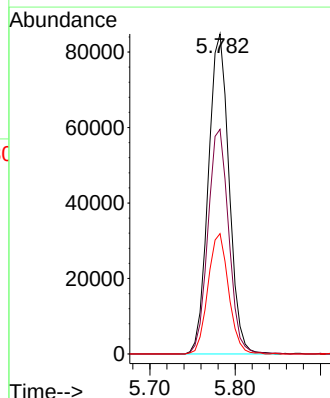
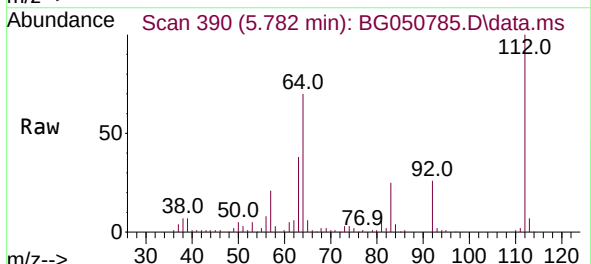
Instrument :
BNA_G
ClientSampled :
GW-1

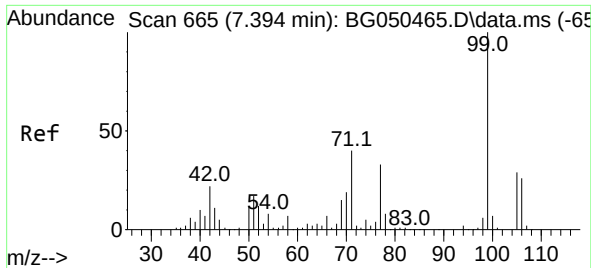
Tgt Ion:152 Resp: 31215
Ion Ratio Lower Upper
152 100
150 167.6 119.4 179.0
115 64.5 60.2 90.4



#5
2-Fluorophenol
Concen: 68.369 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.008 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:112 Resp: 142700
Ion Ratio Lower Upper
112 100
64 70.2 46.7 70.1#
63 37.6 35.3 52.9

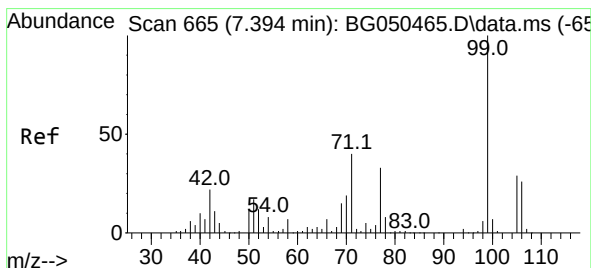
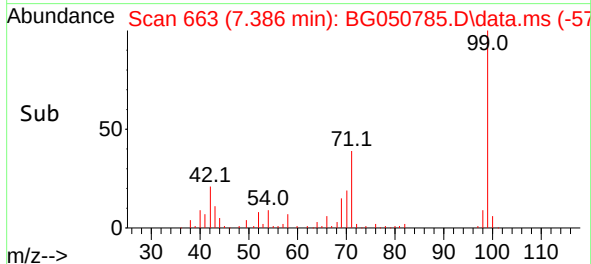
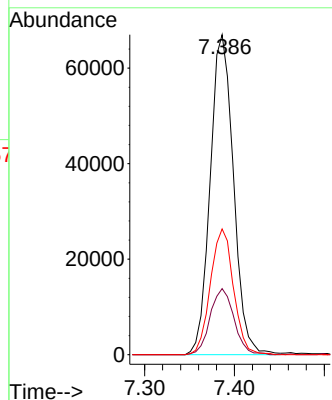
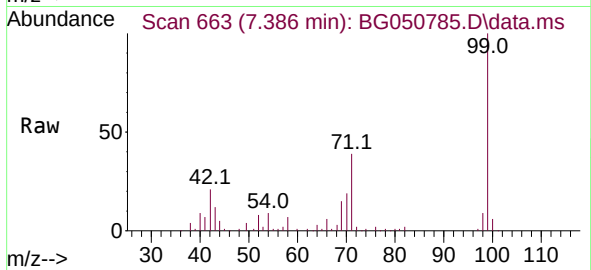




#7
Phenol-d6
Concen: 39.927 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.014 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

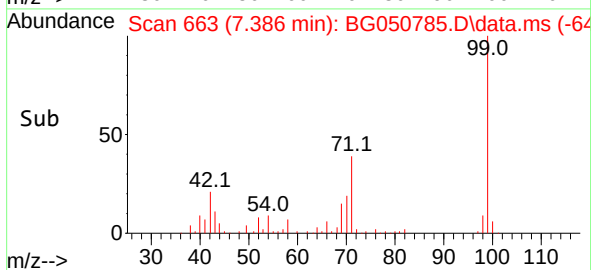
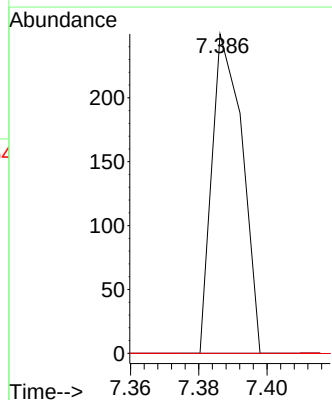
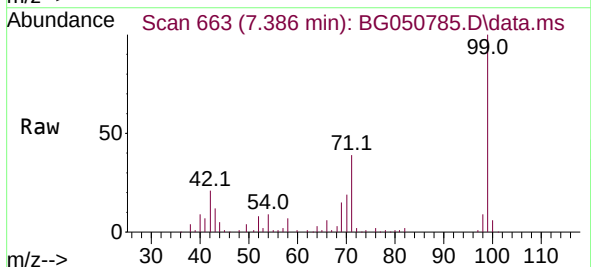
Instrument :
BNA_G
ClientSampled :
GW-1

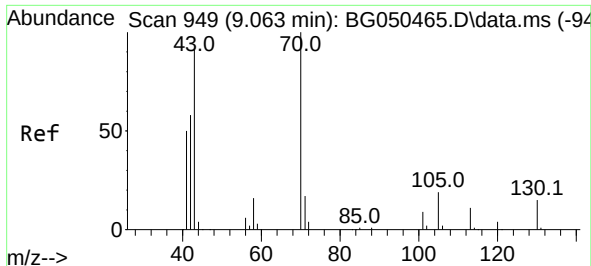
Tgt Ion: 99 Resp: 120657
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 39.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion: 77 Resp: 154
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

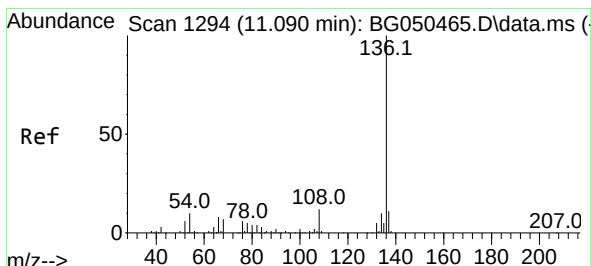
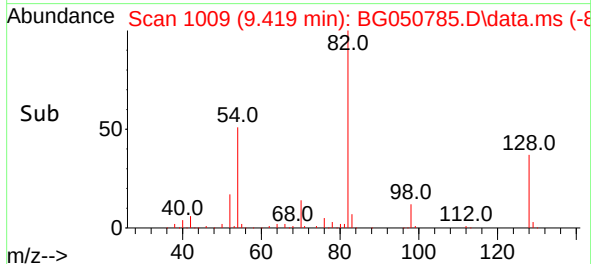
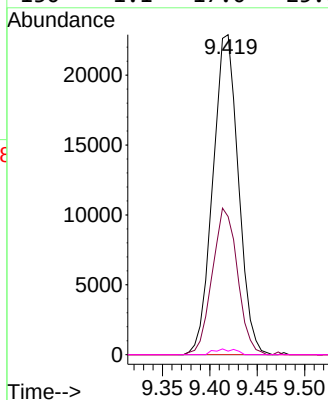
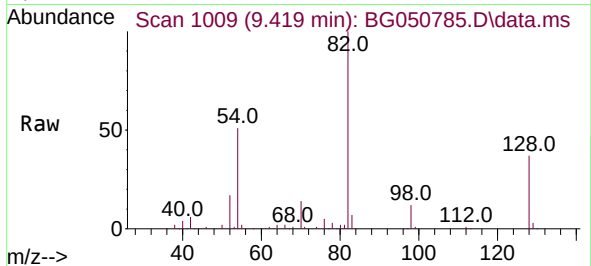




#19
n-Nitroso-di-n-propylamine
Concen: 19.499 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.362 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

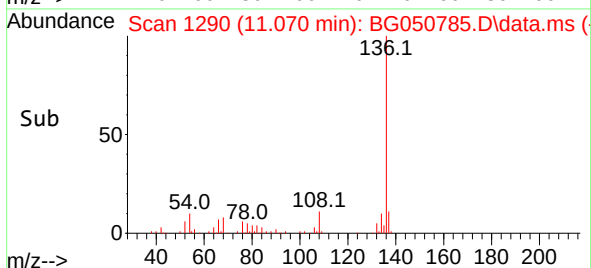
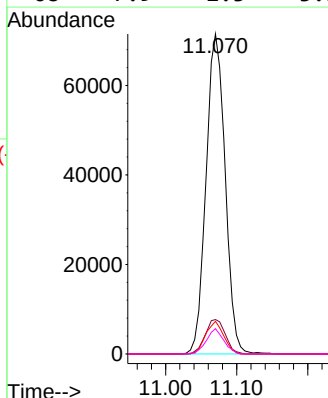
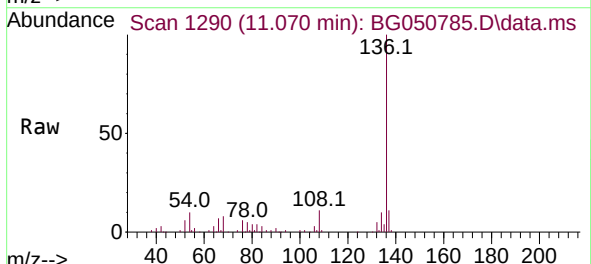
Instrument :
BNA_G
ClientSampled :
GW-1

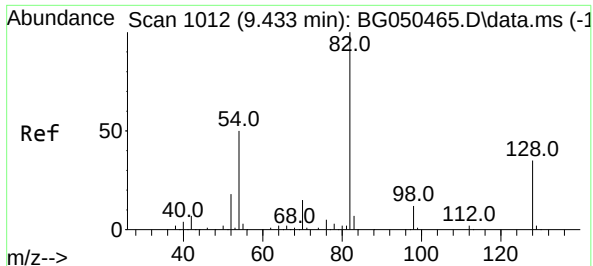
Tgt Ion:	70	Resp:	42948
Ion	Ratio	Lower	Upper
70	100		
42	43.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.1	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.014 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:	136	Resp:	133466
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	10.2	5.5	8.3#
68	7.9	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 92.189 ng

RT: 9.419 min Scan# 1009

Delta R.T. -0.008 min

Lab File: BG050785.D

Acq: 29 Oct 2021 20:03

Tgt Ion: 82 Resp: 297232

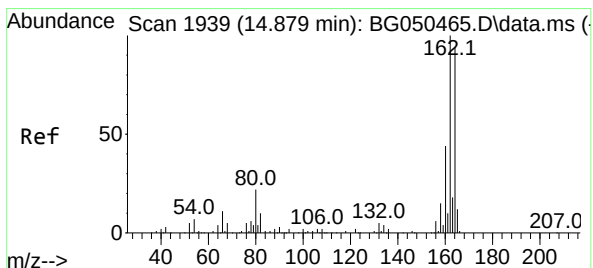
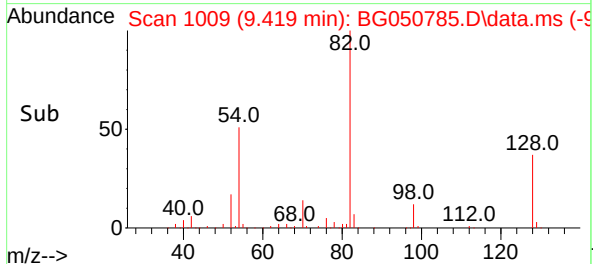
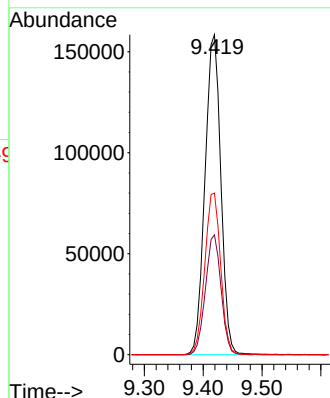
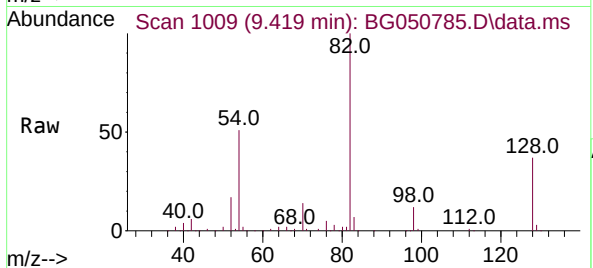
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.6
54	50.5	45.8	68.8

Instrument :

BNA_G

ClientSampled :

GW-1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.866 min Scan# 1936

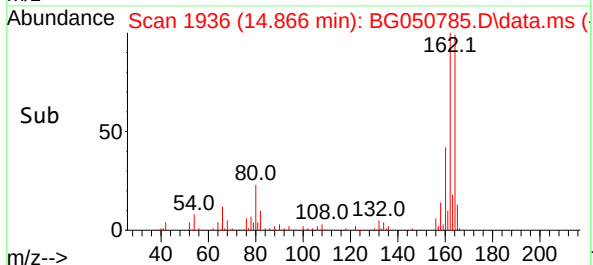
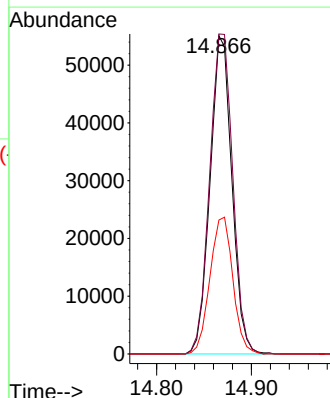
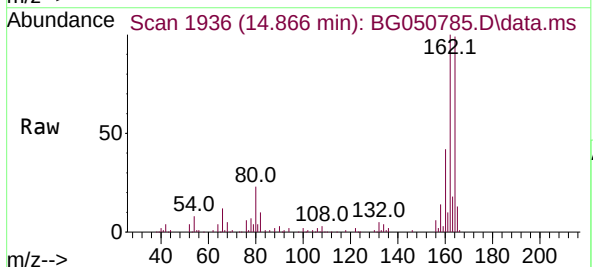
Delta R.T. -0.008 min

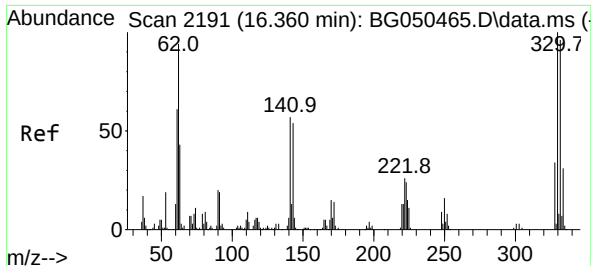
Lab File: BG050785.D

Acq: 29 Oct 2021 20:03

Tgt Ion:164 Resp: 88026

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	42.1	34.9	52.3

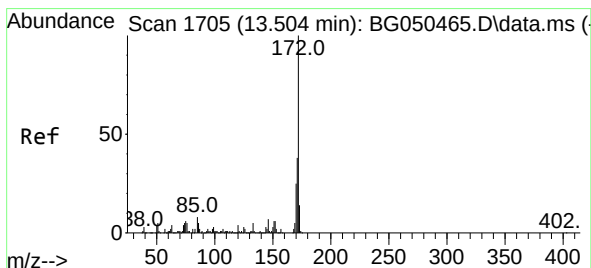
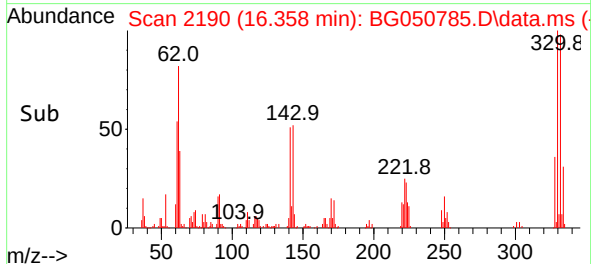
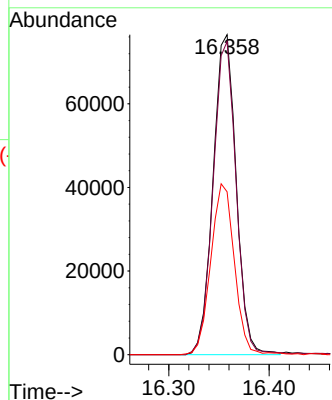
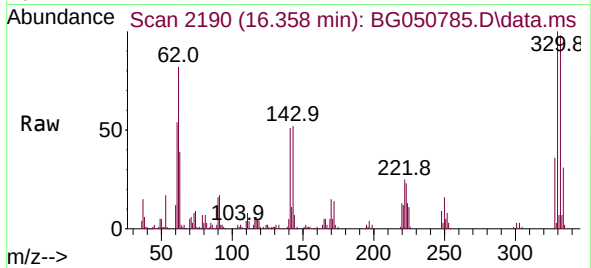




#42
2,4,6-Tribromophenol
Concen: 146.151 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

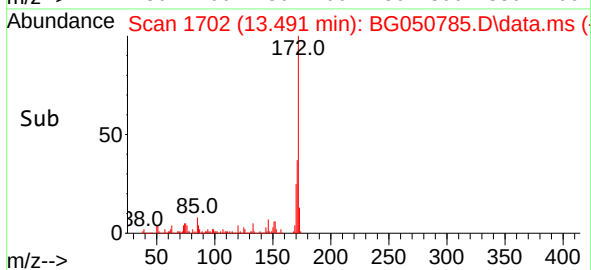
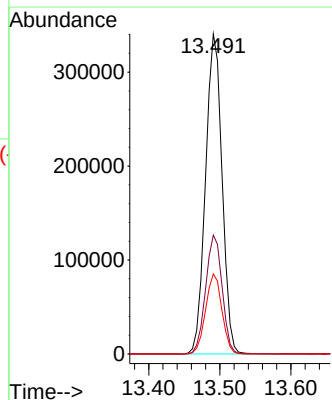
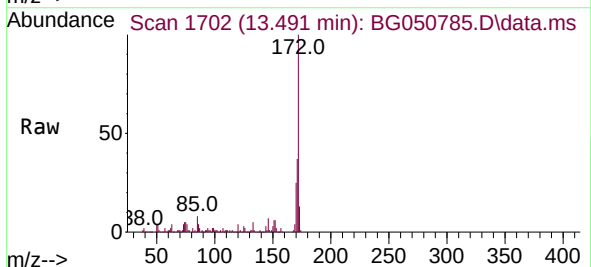
Instrument :
BNA_G
ClientSampleId :
GW-1

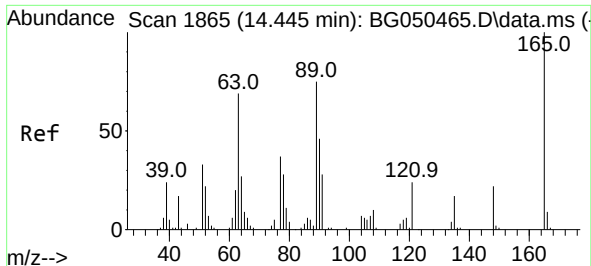
Tgt Ion:330 Resp: 122710
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 54.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 94.156 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:172 Resp: 550699
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.0 18.6 27.8

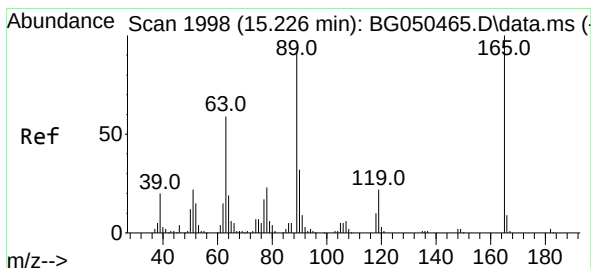
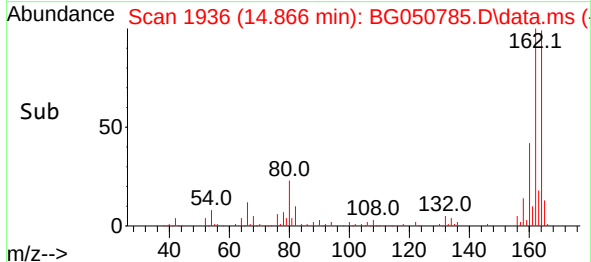
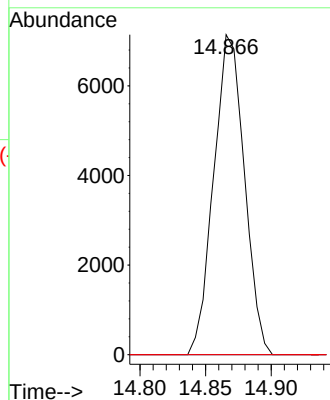
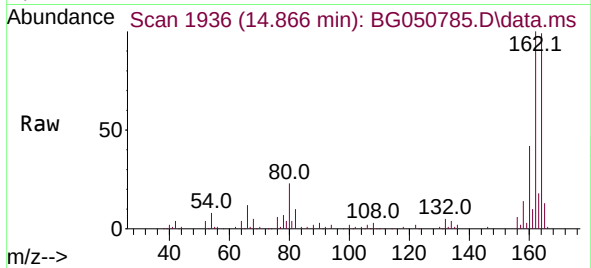




#51
2,6-Dinitrotoluene
Concen: 8.716 ng
RT: 14.866 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

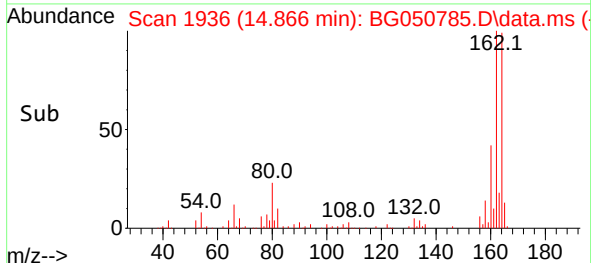
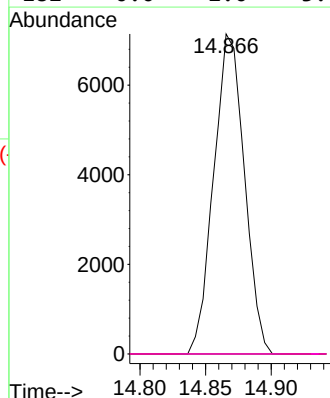
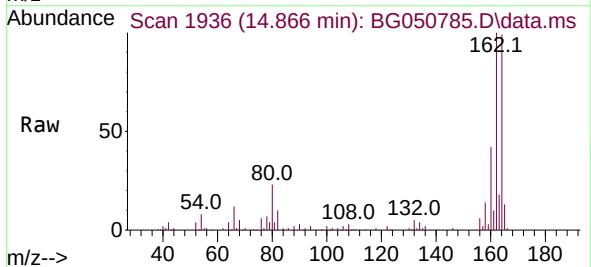
Instrument :
BNA_G
ClientSampled :
GW-1

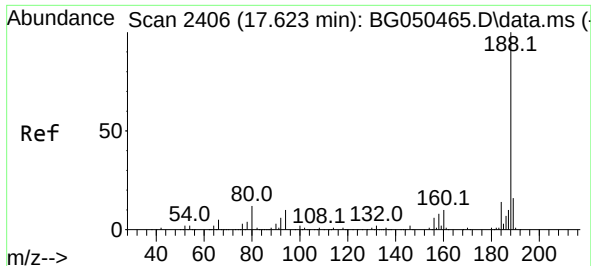
Tgt Ion:165 Resp: 11616
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.184 ng
RT: 14.866 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:165 Resp: 11616
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

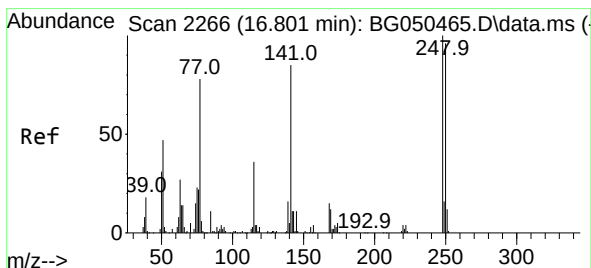
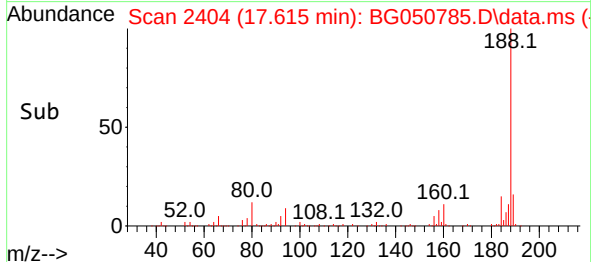
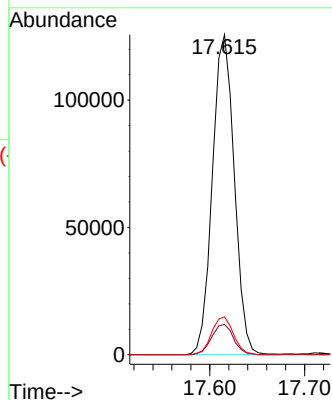
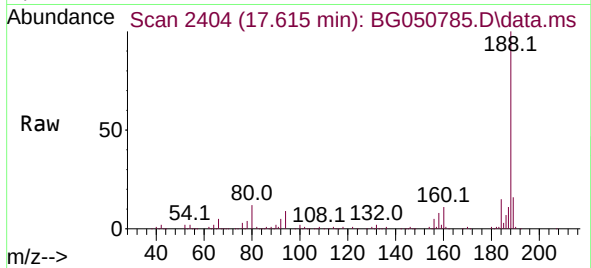




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

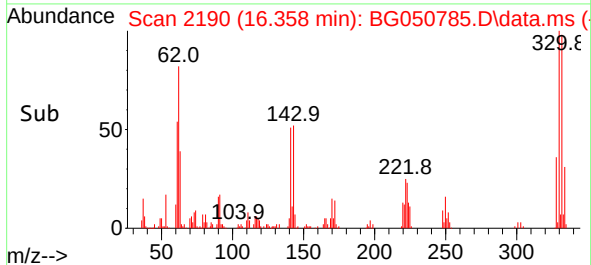
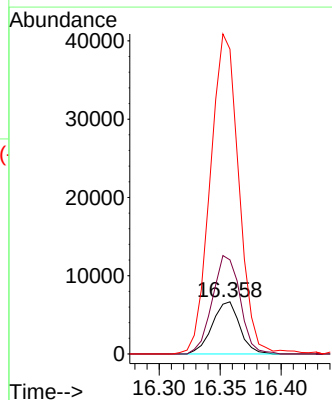
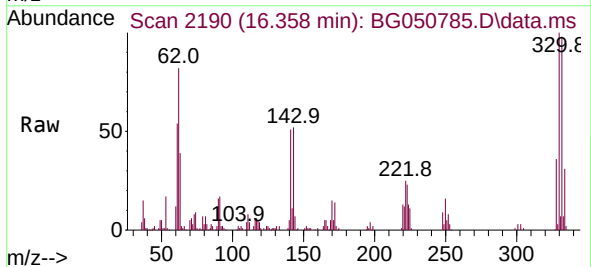
Instrument :
BNA_G
ClientSampleId :
GW-1

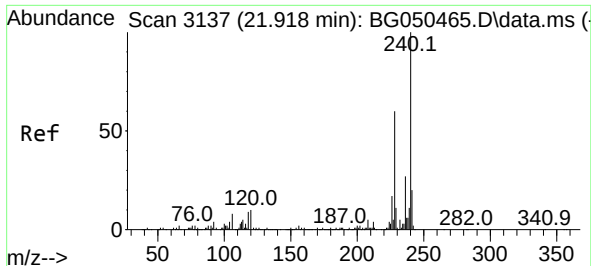
Tgt Ion:188 Resp: 201476
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.143 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.443 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:248 Resp: 10441
Ion Ratio Lower Upper
248 100
250 180.6 76.1 114.1#
141 584.8 65.4 98.2#

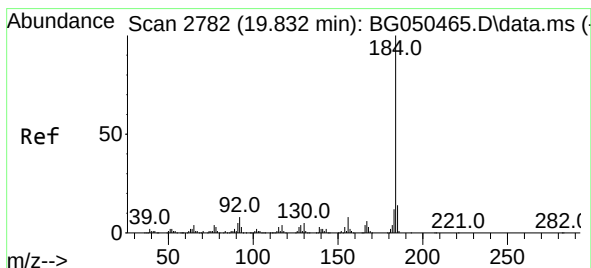
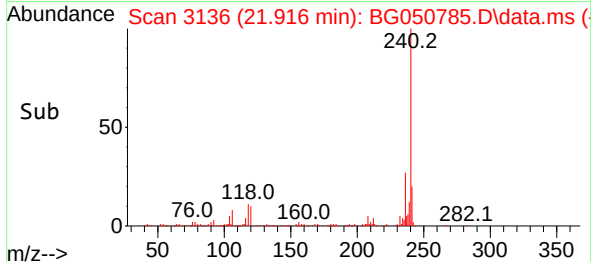
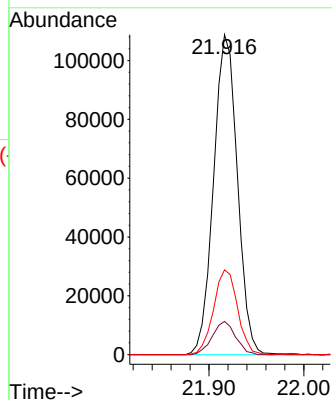
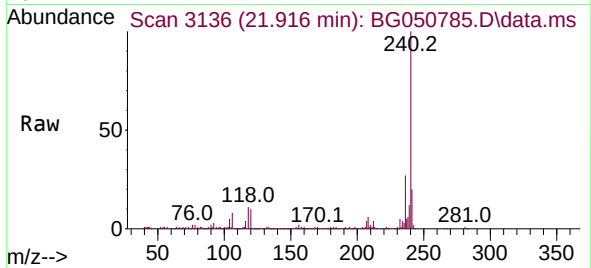




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

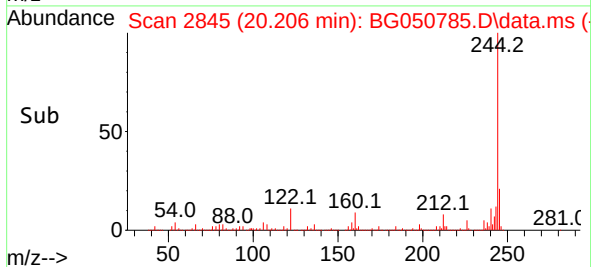
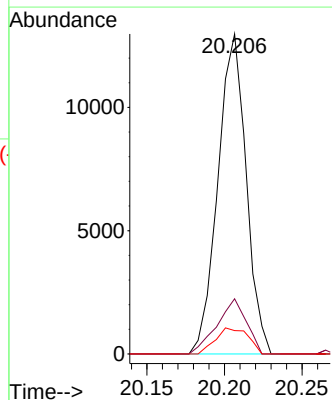
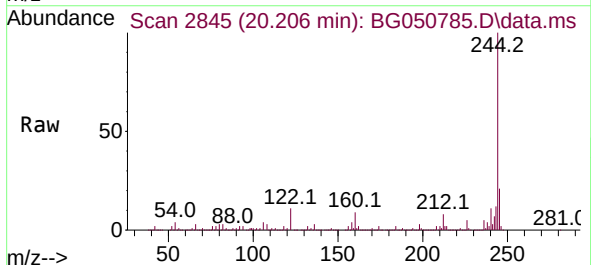
Instrument :
BNA_G
ClientSampleId :
GW-1

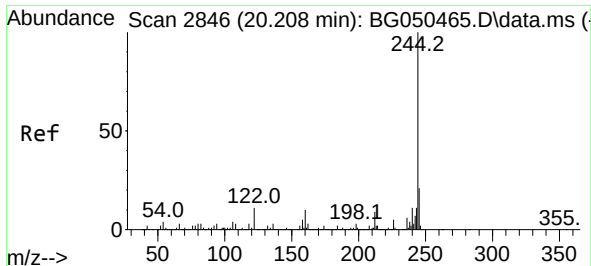
Tgt Ion:240 Resp: 189673
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.5 21.8 32.6



#77
Benzidine
Concen: 2.672 ng
RT: 20.206 min Scan# 2845
Delta R.T. 0.373 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:184 Resp: 16425
Ion Ratio Lower Upper
184 100
185 17.3 10.7 16.1#
183 7.3 9.4 14.0#

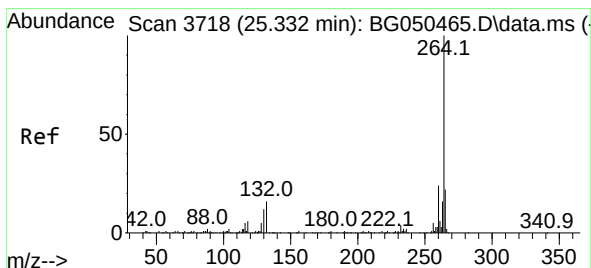
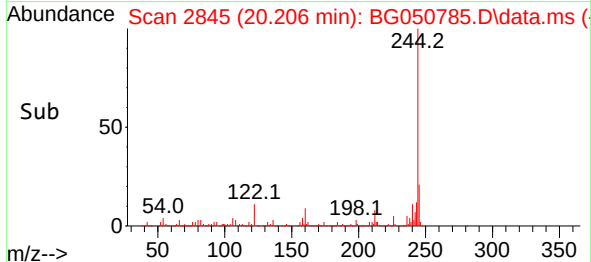
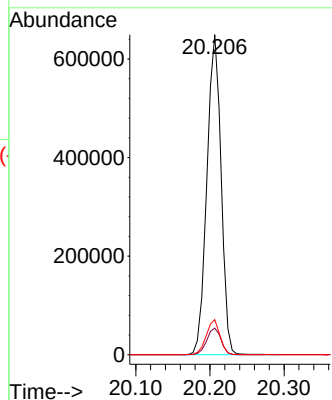
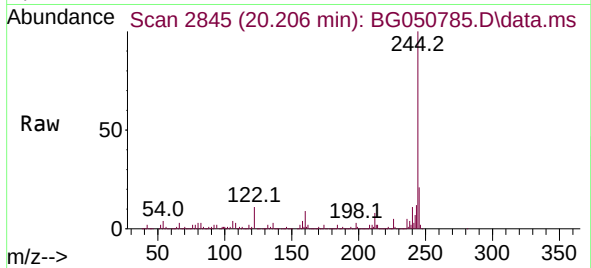




#79
Terphenyl-d14
Concen: 88.754 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:244 Resp: 863812
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 11.0 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.009 min
Lab File: BG050785.D
Acq: 29 Oct 2021 20:03

Tgt Ion:264 Resp: 191315
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.9 16.9 25.3

