

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053606.D
 Acq On : 18 May 2022 16:47
 Operator : CG/JU
 Sample : PB144886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144886BL

Quant Time: May 19 05:12:04 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 11 06:00:46 2022
 Response via : Initial Calibration

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

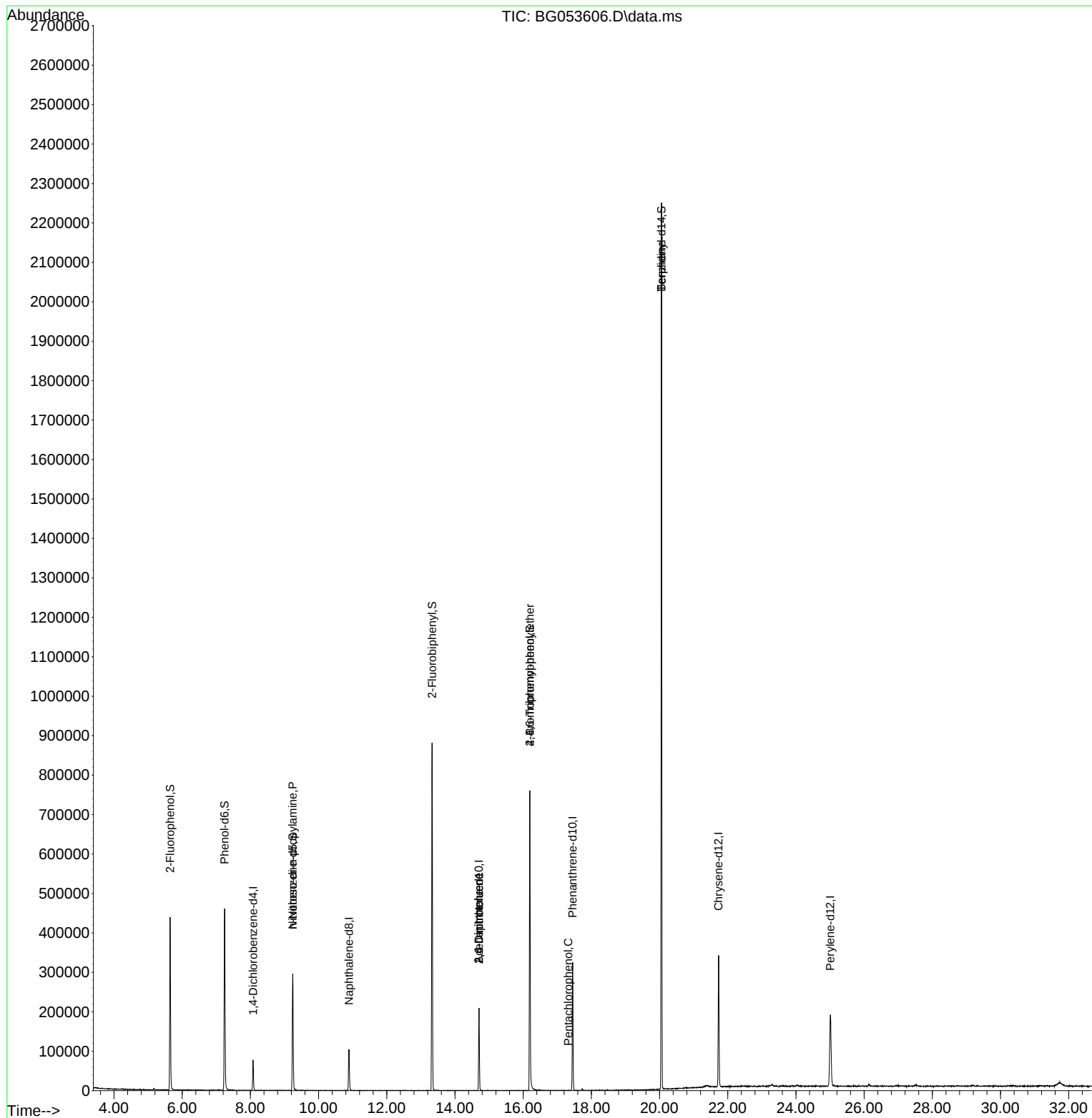
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	21466	20.000	ng	-0.01
21) Naphthalene-d8	10.892	136	91306	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	77077	20.000	ng	-0.01
64) Phenanthrene-d10	17.453	188	214847	20.000	ng	0.00
76) Chrysene-d12	21.730	240	222030	20.000	ng	-0.01
86) Perylene-d12	25.008	264	218874	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	177189	140.088	ng	0.00
7) Phenol-d6	7.244	99	266123	138.636	ng	0.00
23) Nitrobenzene-d5	9.241	82	191601	89.328	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	159949	140.702	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	472206	89.524	ng	0.00
79) Terphenyl-d14	20.056	244	1109964	93.108	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.241	70	26799	19.458	ng	# 78
51) 2,6-Dinitrotoluene	14.704	165	10076	8.444	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	10076	5.825	ng	# 21
67) 4-Bromophenyl-phenylether	16.196	248	10254	4.087	ng	# 1
70) Pentachlorophenol	17.324	266	54	4.685	ng	# 16
77) Benzidine	20.056	184	18660	3.899	ng	# 93

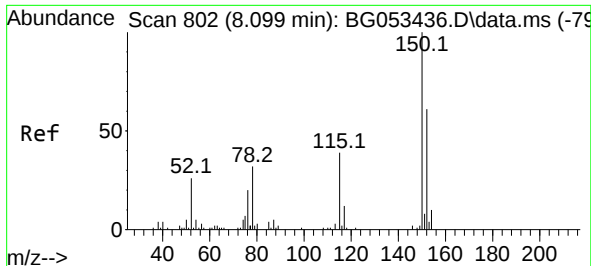
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053606.D
Acq On : 18 May 2022 16:47
Operator : CG/JU
Sample : PB144886BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144886BL

Quant Time: May 19 05:12:04 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 11 06:00:46 2022
Response via : Initial Calibration

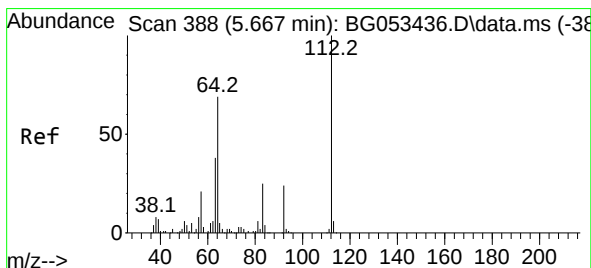
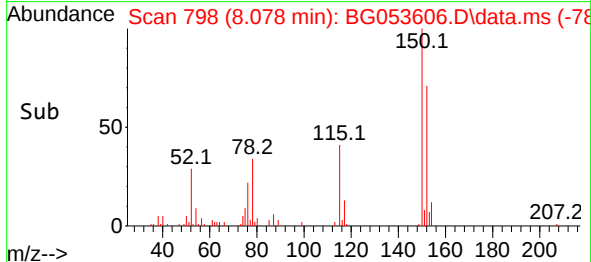
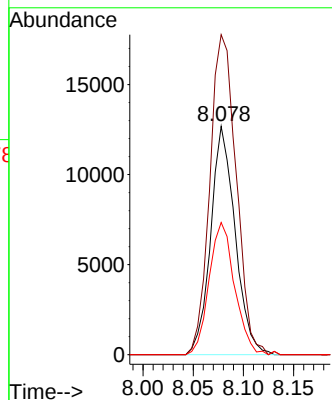
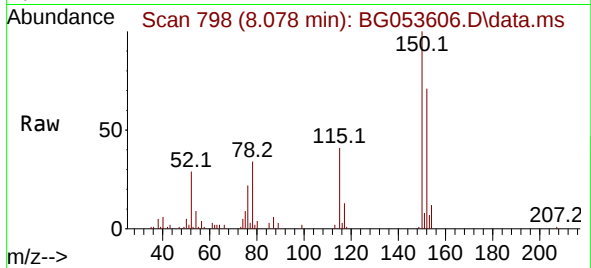




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

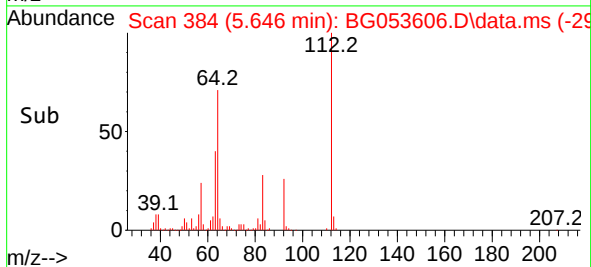
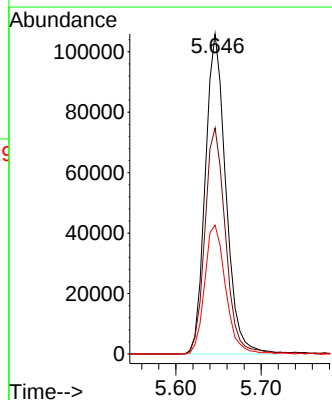
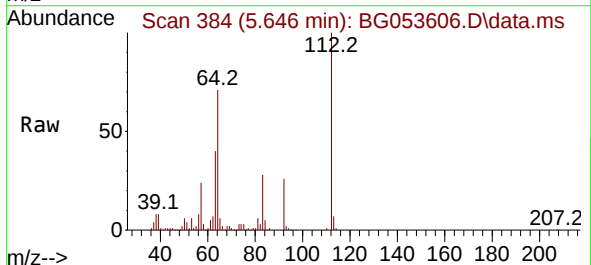
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion:152 Resp: 21466
Ion Ratio Lower Upper
152 100
150 140.1 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 140.088 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:112 Resp: 177189
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 40.3 30.4 45.6

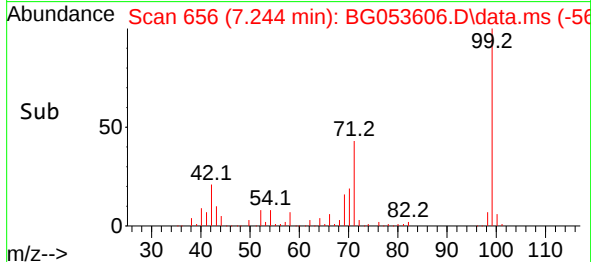
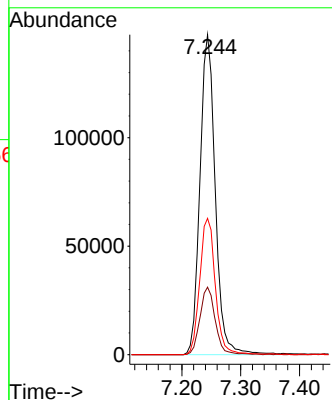
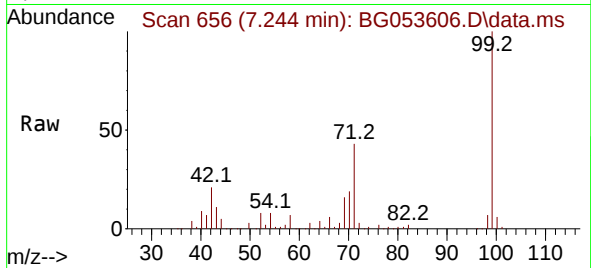




#7
Phenol-d6
Concen: 138.636 ng
RT: 7.244 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

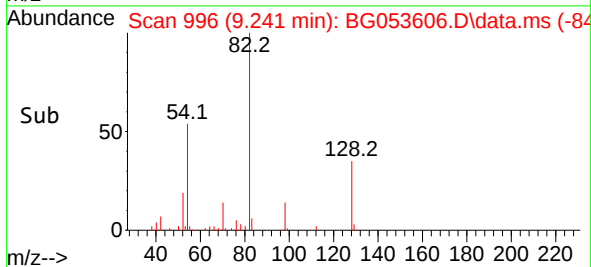
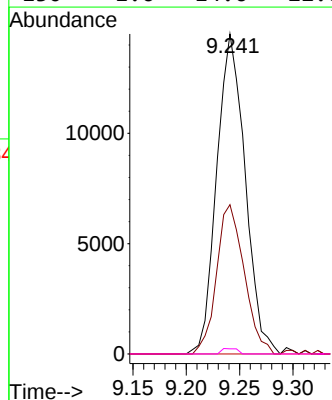
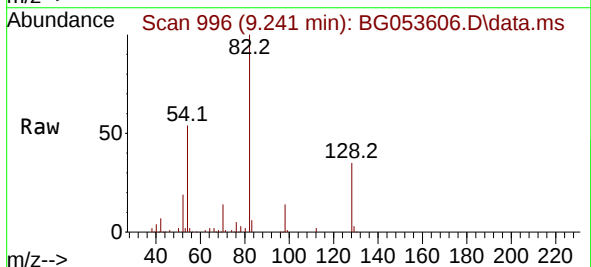
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion: 99 Resp: 266123
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 42.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.458 ng
RT: 9.241 min Scan# 996
Delta R.T. 0.353 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion: 70 Resp: 26799
Ion Ratio Lower Upper
70 100
42 46.7 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

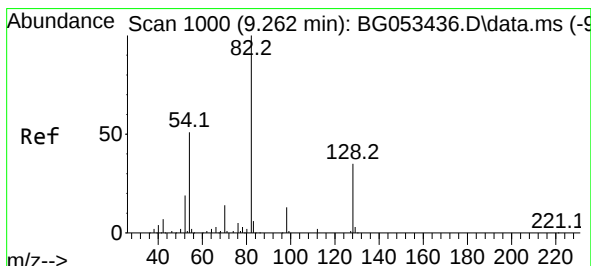
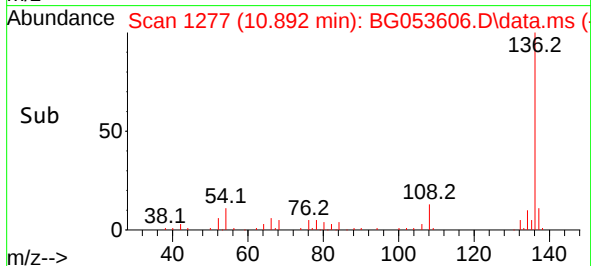
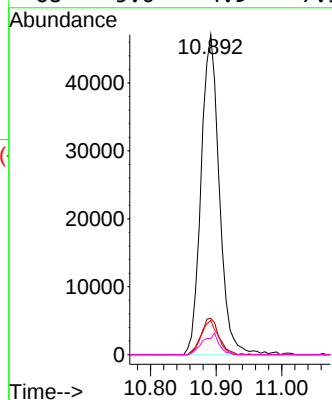
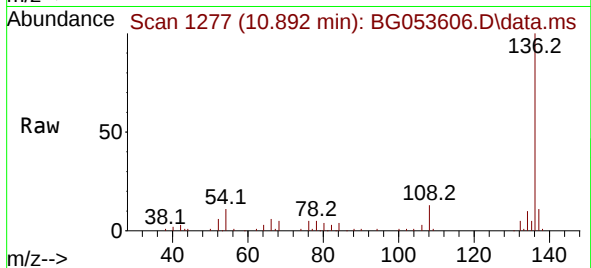




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

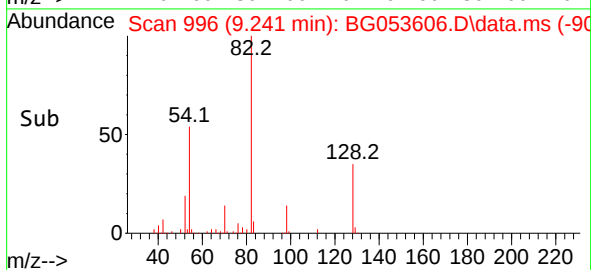
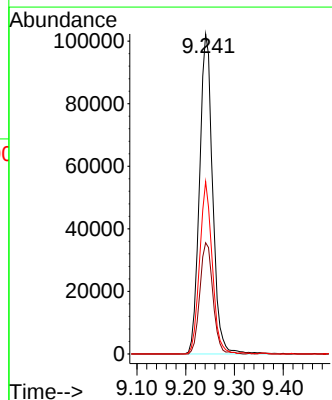
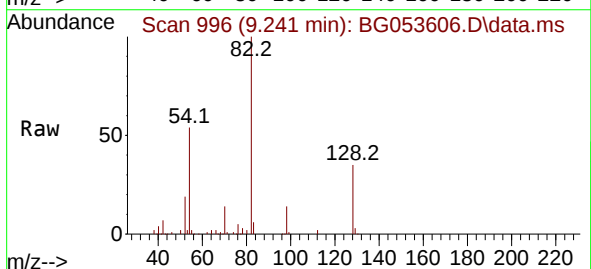
Instrument :
BNA_G
ClientSampleId :
PB144886BL

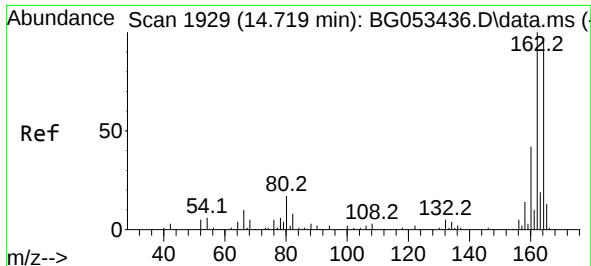
Tgt Ion:	136	Resp:	91306
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	10.7	7.4	11.2
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.328 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.012 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:	82	Resp:	191601
Ion Ratio	Lower	Upper	
82	100		
128	34.8	27.9	41.9
54	53.9	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BG053606.D

Acq: 18 May 2022 16:47

Instrument :

BNA_G

ClientSampleId :

PB144886BL

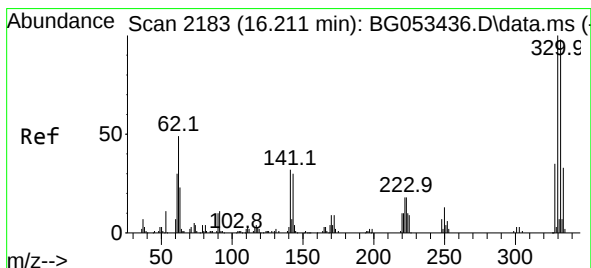
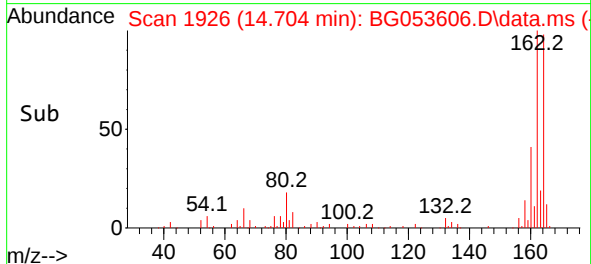
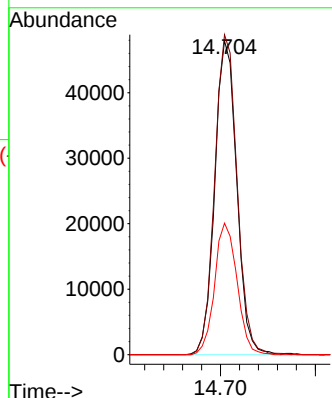
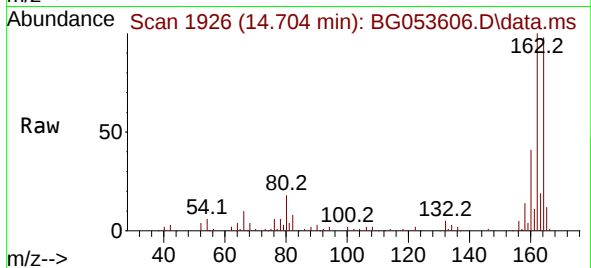
Tgt Ion:164 Resp: 77077

Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

160 41.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 140.702 ng

RT: 16.196 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BG053606.D

Acq: 18 May 2022 16:47

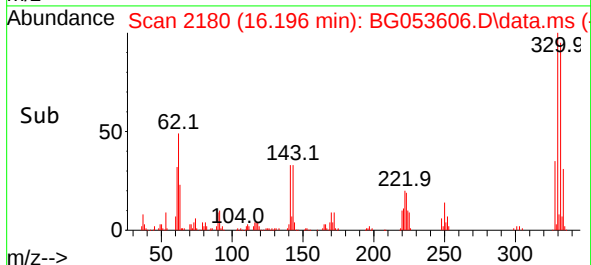
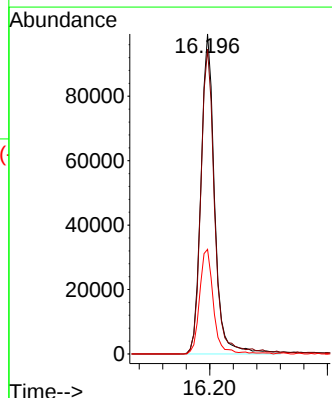
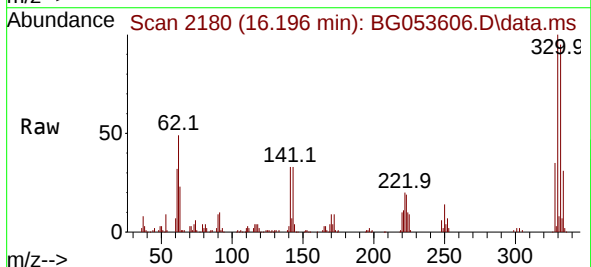
Tgt Ion:330 Resp: 159949

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 32.5 27.1 40.7

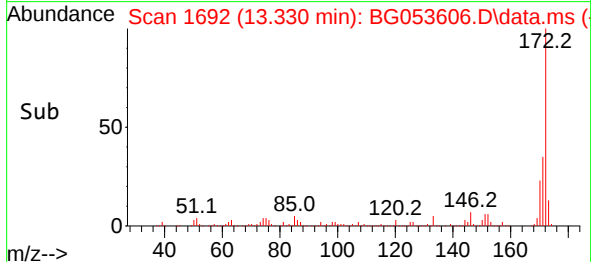
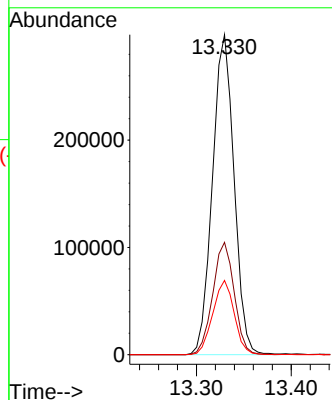
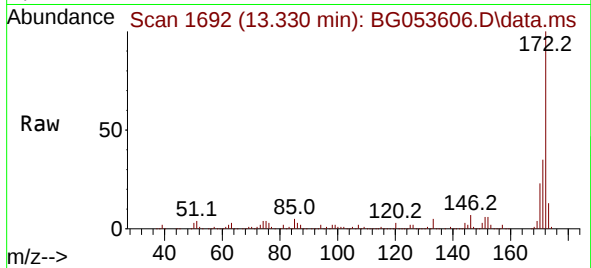




#45
2-Fluorobiphenyl
Concen: 89.524 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

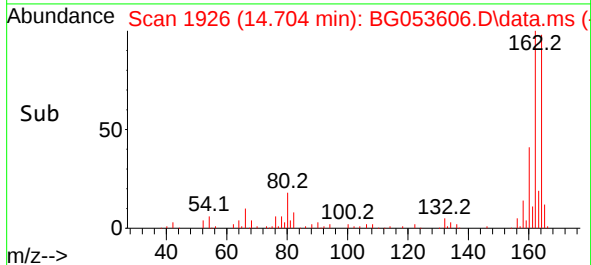
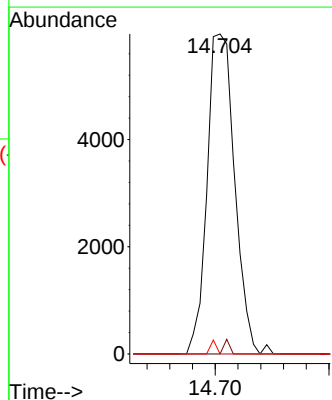
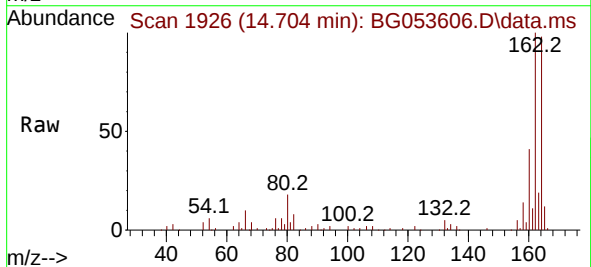
Instrument :
BNA_G
ClientSampleId :
PB144886BL

Tgt Ion:172 Resp: 472206
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.444 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.423 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

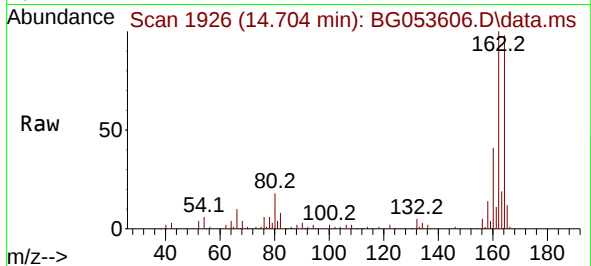
Tgt Ion:165 Resp: 10076
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



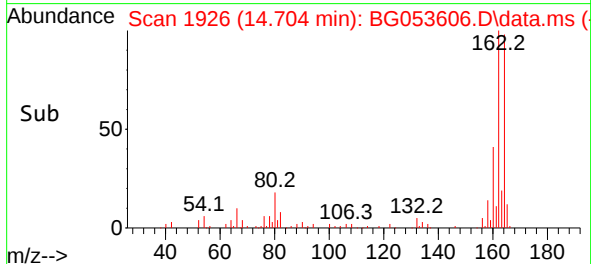
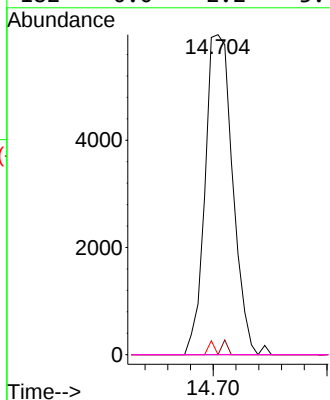


#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.370 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Instrument :
BNA_G
ClientSampleId :
PB144886BL

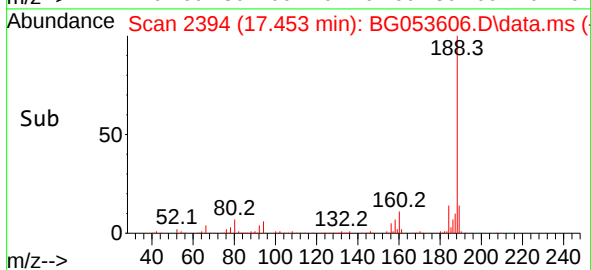
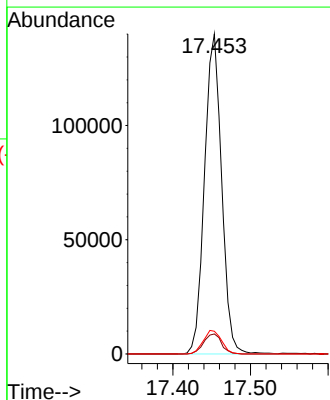
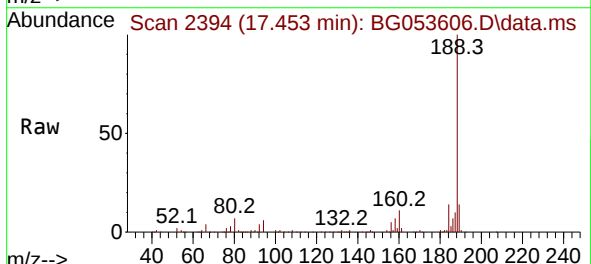


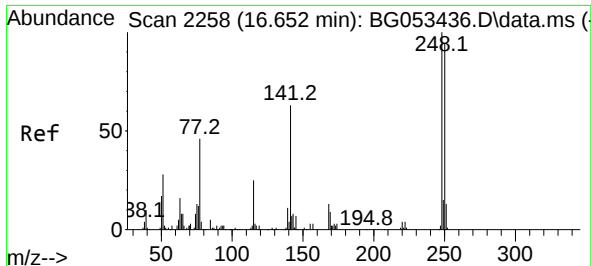
Tgt Ion:165	Resp:	10076
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:188	Resp:	214847
Ion Ratio	Lower	Upper
188	100	
94	6.2	5.4
80	7.1	6.8

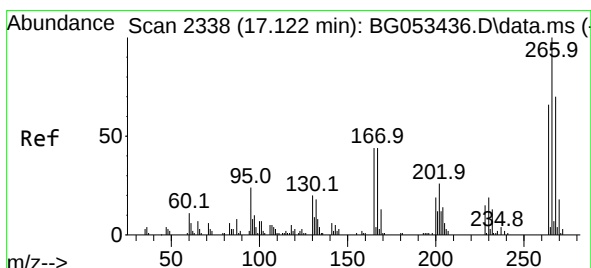
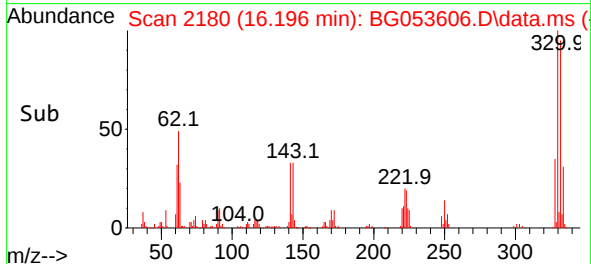
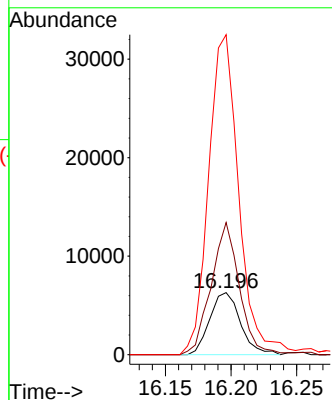
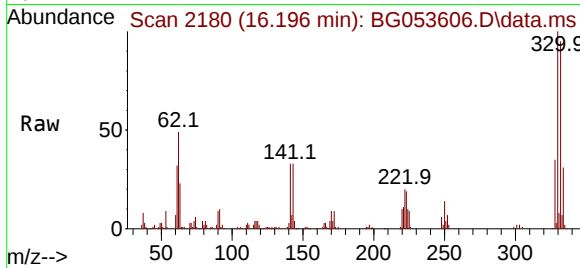




#67
4-Bromophenyl-phenylether
Concen: 4.087 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.446 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

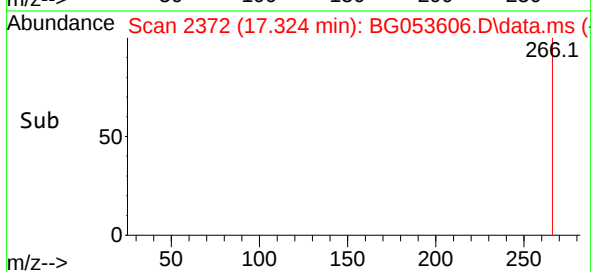
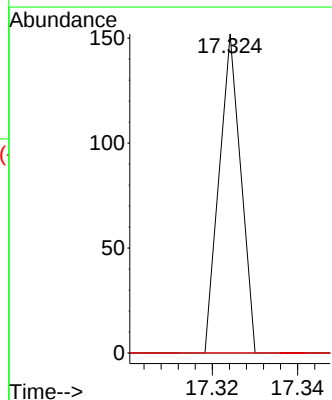
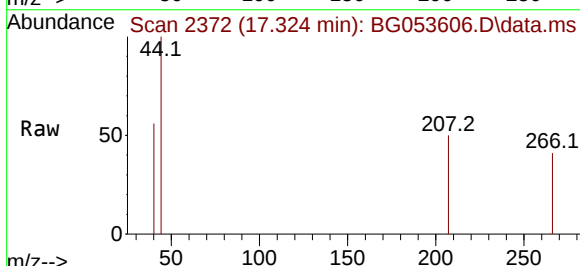
Instrument :
BNA_G
ClientSampleId :
PB144886BL

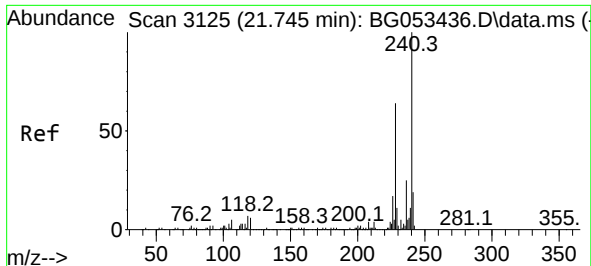
Tgt Ion:248 Resp: 10254
Ion Ratio Lower Upper
248 100
250 213.0 75.2 112.8#
141 515.8 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.685 ng
RT: 17.324 min Scan# 2372
Delta R.T. 0.206 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

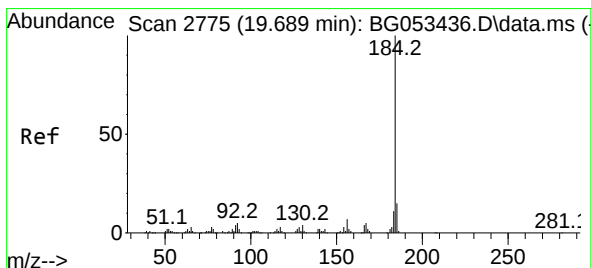
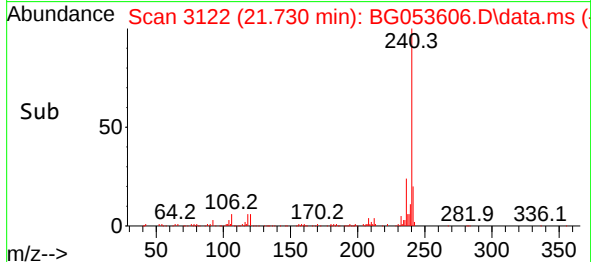
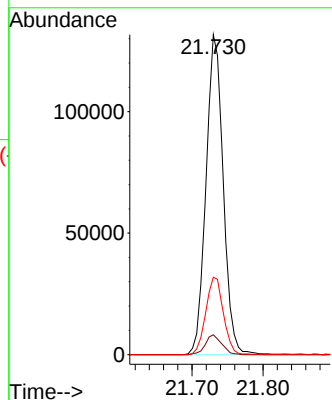
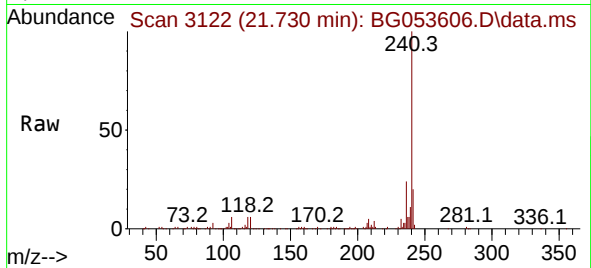




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

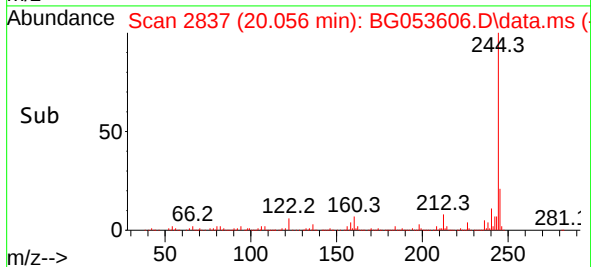
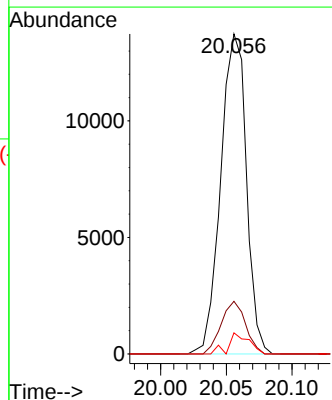
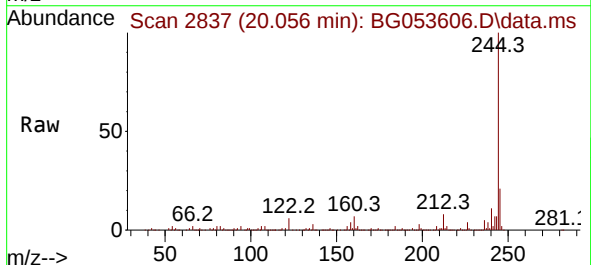
Instrument :
BNA_G
ClientSampleId :
PB144886BL

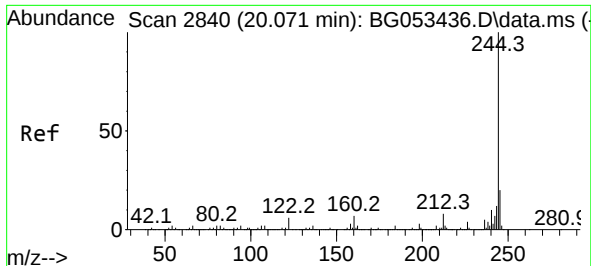
Tgt Ion:240 Resp: 222030
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.2 20.2 30.4



#77
Benzidine
Concen: 3.899 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.376 min
Lab File: BG053606.D
Acq: 18 May 2022 16:47

Tgt Ion:184 Resp: 18660
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 6.6 8.9 13.3#

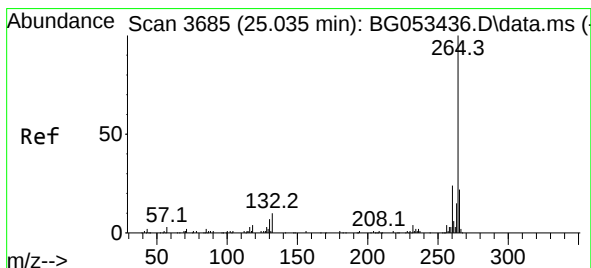
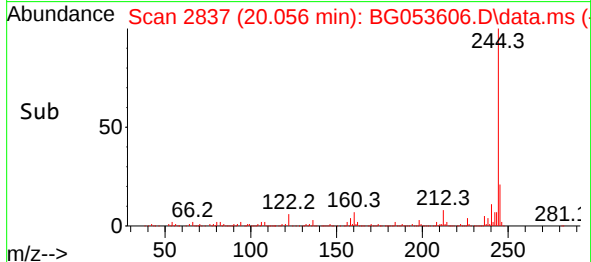
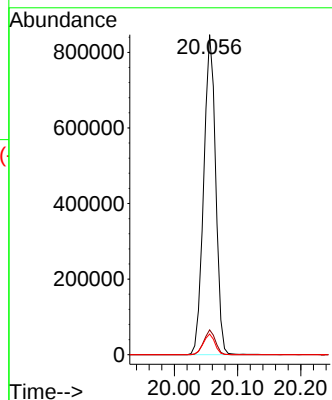
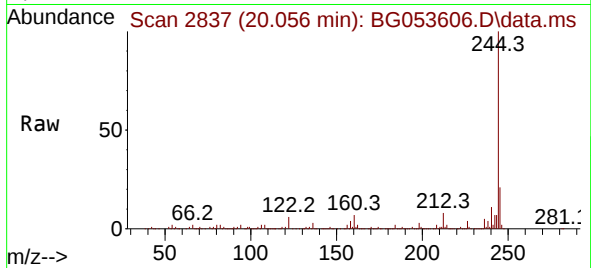




#79
 Terphenyl-d14
 Concen: 93.108 ng
 RT: 20.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053606.D
 Acq: 18 May 2022 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB144886BL

Tgt Ion:244 Resp: 1109964
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3680
 Delta R.T. -0.012 min
 Lab File: BG053606.D
 Acq: 18 May 2022 16:47

Tgt Ion:264 Resp: 218874
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.0 17.4 26.2

