

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052352.D
 Acq On : 10 Feb 2022 13:42
 Operator : CG/JU
 Sample : PB142486BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

Quant Time: Feb 10 14:40:26 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)

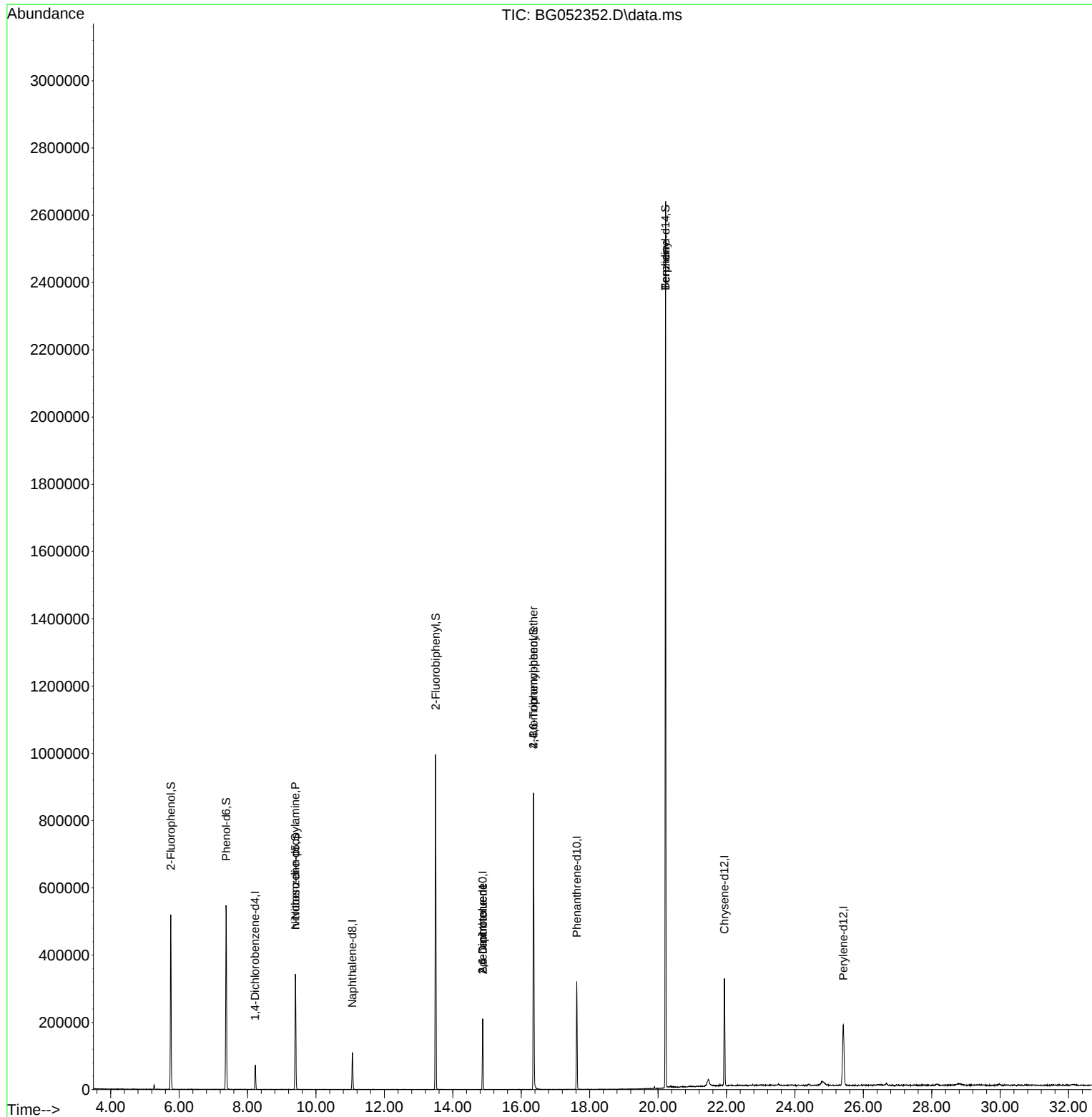
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	21059	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	96289	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	76224	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	206479	20.000	ng	0.00
76) Chrysene-d12	21.940	240	220469	20.000	ng	0.00
86) Perylene-d12	25.412	264	214642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	214506	177.527	ng	0.00
7) Phenol-d6	7.372	99	316231	169.621	ng	0.00
23) Nitrobenzene-d5	9.398	82	218562	98.650	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	191565	174.932	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	544483	99.257	ng	0.00
79) Terphenyl-d14	20.219	244	1295614	103.773	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.398	70	30111	21.423	ng	# 75
51) 2,6-Dinitrotoluene	14.873	165	10160	8.063	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	10160	5.665	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	12363	4.924	ng	# 1
77) Benzidine	20.219	184	18224	3.868	ng	# 92

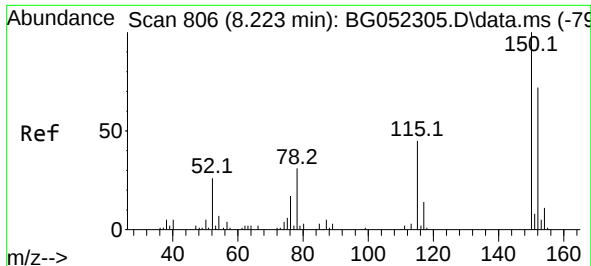
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052352.D
Acq On : 10 Feb 2022 13:42
Operator : CG/JU
Sample : PB142486BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142486BL

Quant Time: Feb 10 14:40:26 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

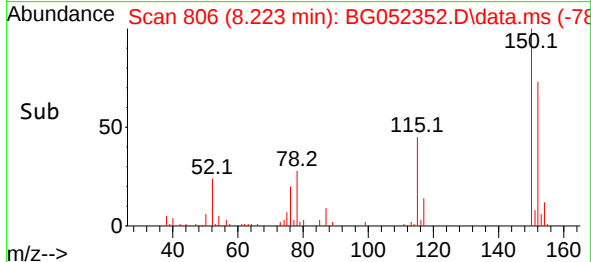
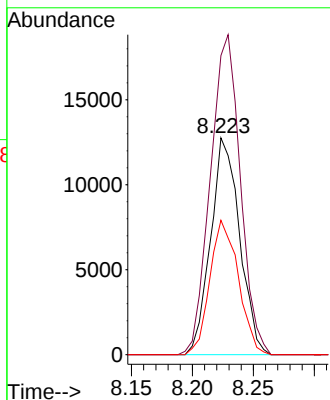
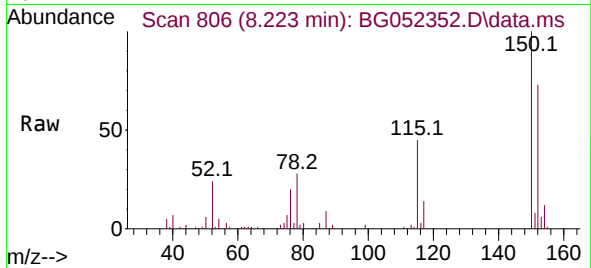




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

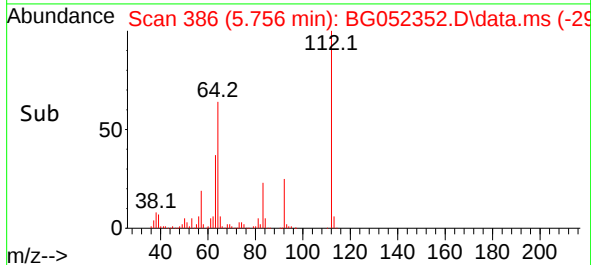
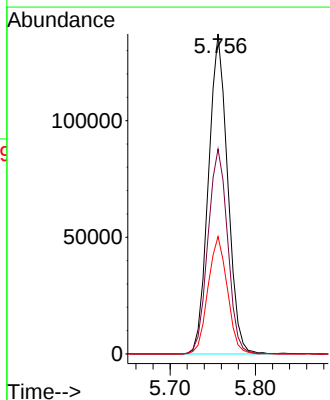
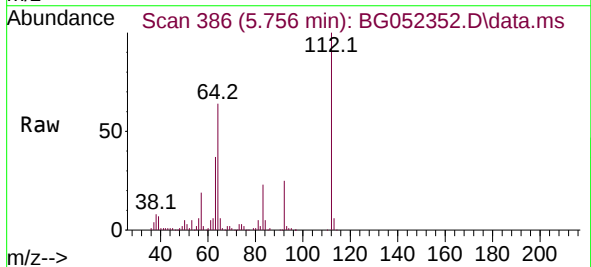
Instrument :
BNA_G
ClientSampleId :
PB142486BL

Tgt Ion:152 Resp: 21059
Ion Ratio Lower Upper
152 100
150 137.9 117.8 176.8
115 62.0 50.2 75.2



#5
2-Fluorophenol
Concen: 177.527 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:112 Resp: 214506
Ion Ratio Lower Upper
112 100
64 64.0 60.4 90.6
63 36.7 33.3 49.9

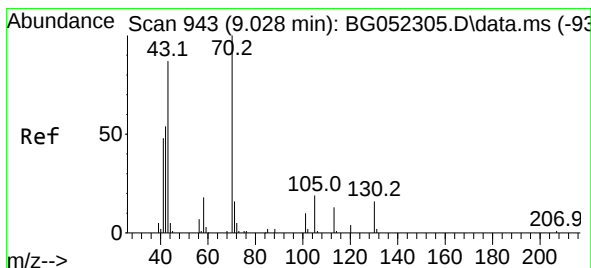
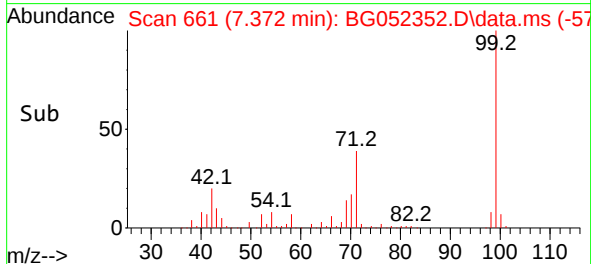
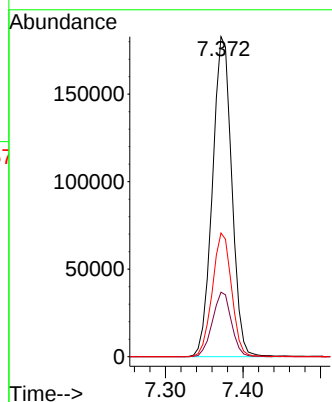
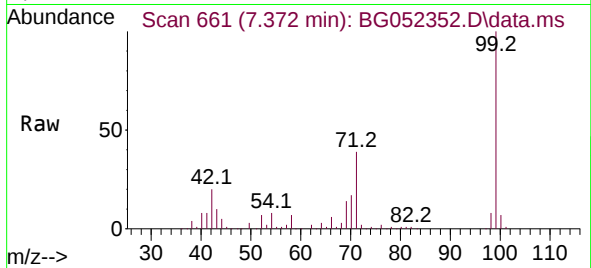




#7
Phenol-d6
Concen: 169.621 ng
RT: 7.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

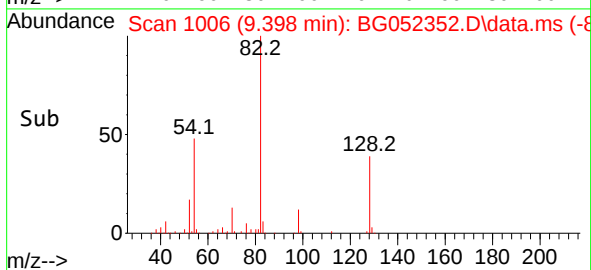
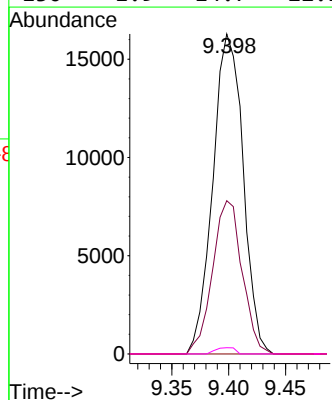
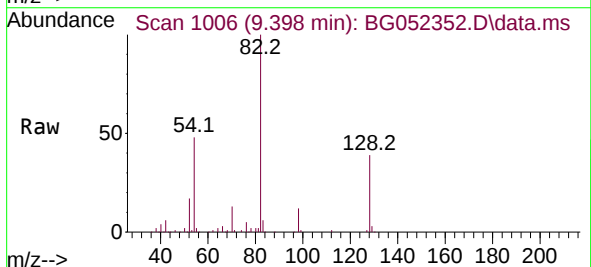
Instrument :
BNA_G
ClientSampleId :
PB142486BL

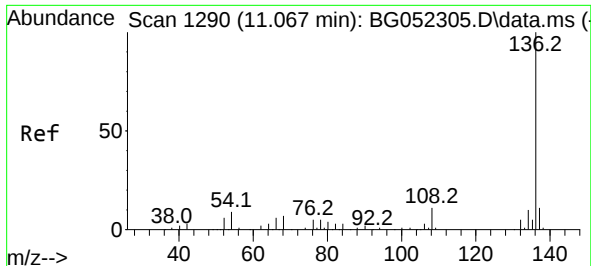
Tgt Ion: 99 Resp: 316231
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 38.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.423 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

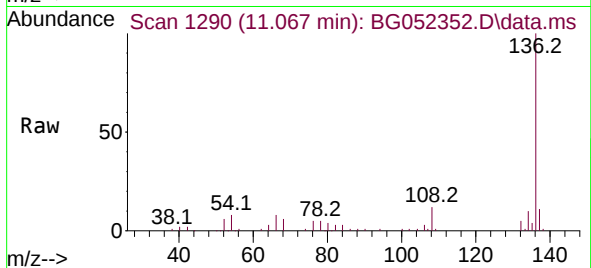
Tgt Ion: 70 Resp: 30111
Ion Ratio Lower Upper
70 100
42 47.9 51.8 77.6#
101 0.0 6.6 10.0#
130 1.9 14.7 22.1#



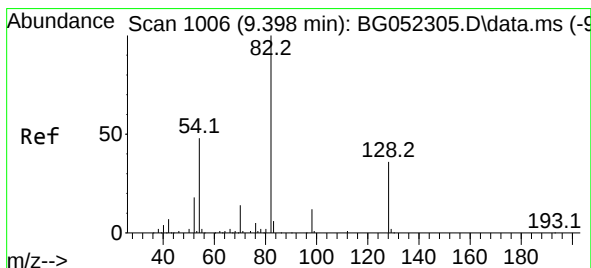
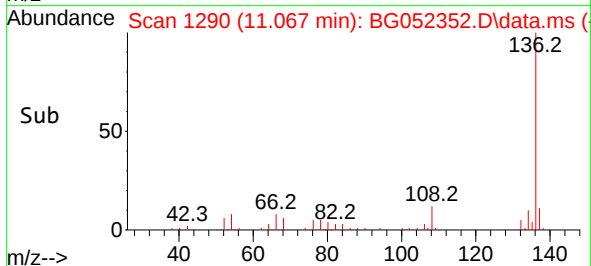
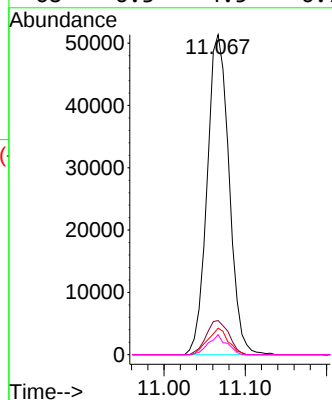


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB142486BL

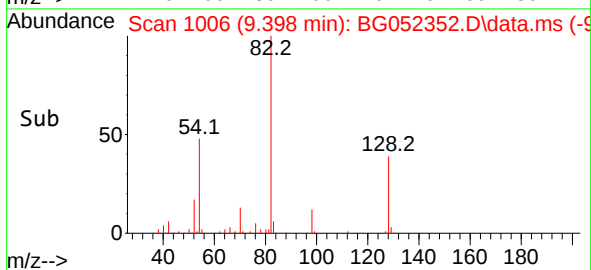
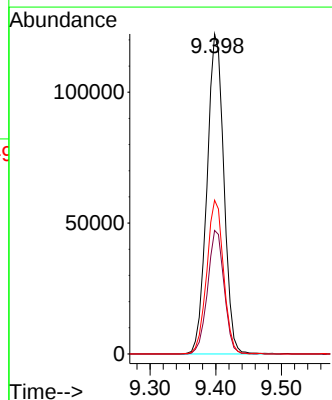
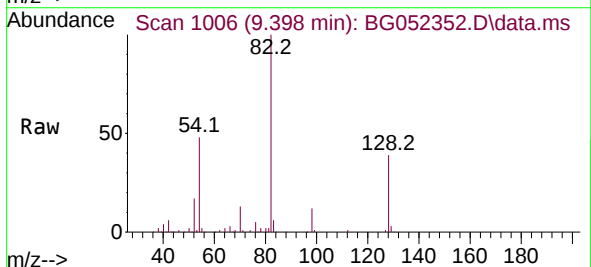


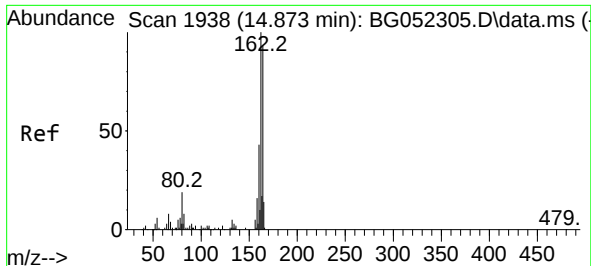
Tgt Ion:	136	Resp:	96289
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.3	8.3	12.5
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.650 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:	82	Resp:	218562
Ion Ratio	Lower	Upper	
82	100		
128	38.6	27.0	40.4
54	48.0	41.0	61.6

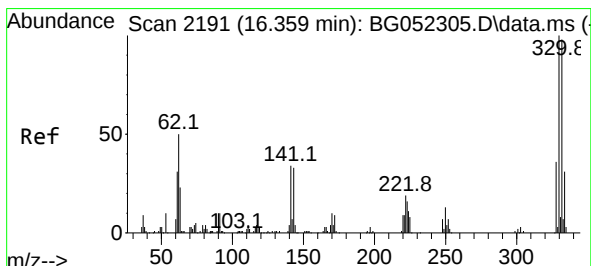
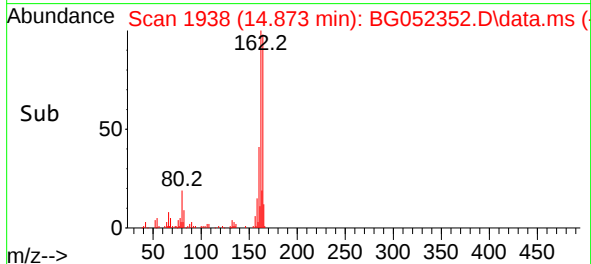
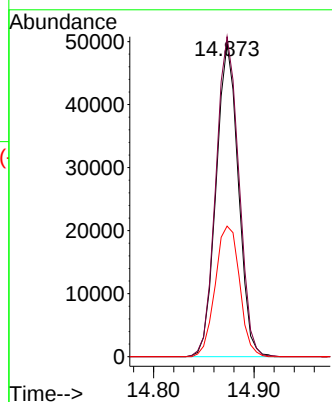
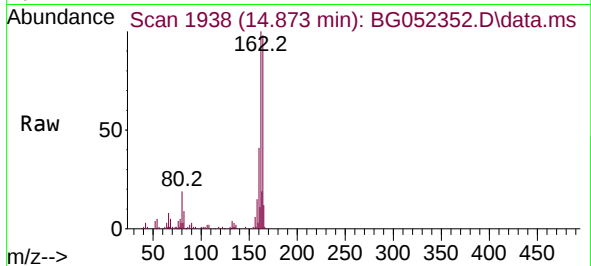




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

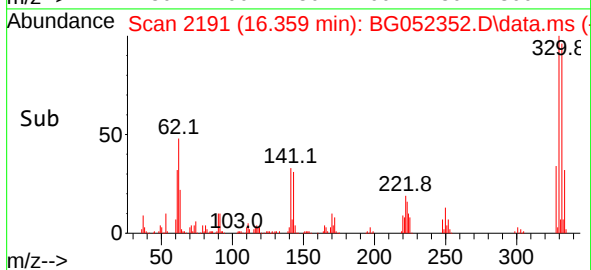
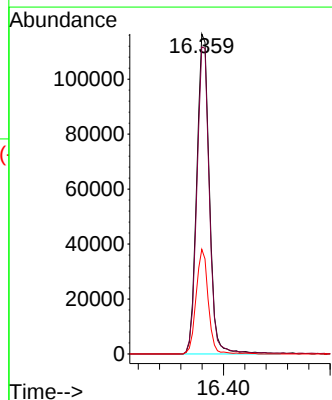
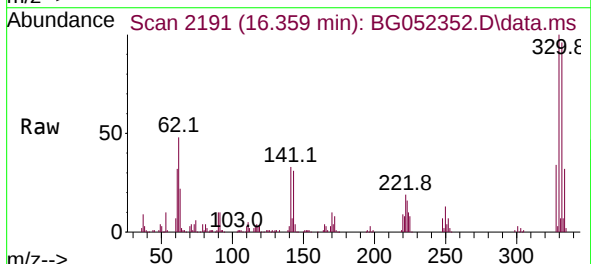
Instrument :
BNA_G
ClientSampleId :
PB142486BL

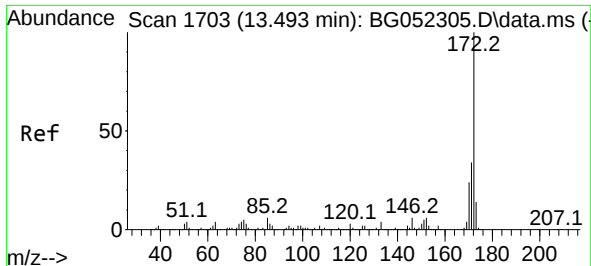
Tgt Ion:164 Resp: 76224
Ion Ratio Lower Upper
164 100
162 102.2 82.2 123.2
160 41.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 174.932 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:330 Resp: 191565
Ion Ratio Lower Upper
330 100
332 95.0 78.6 117.8
141 31.5 28.8 43.2

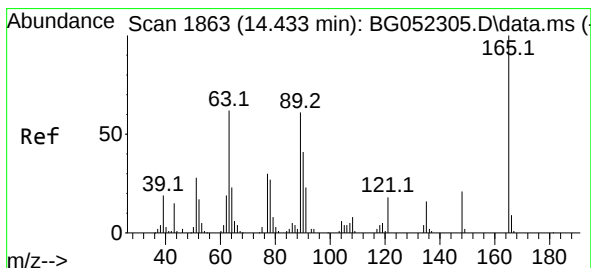
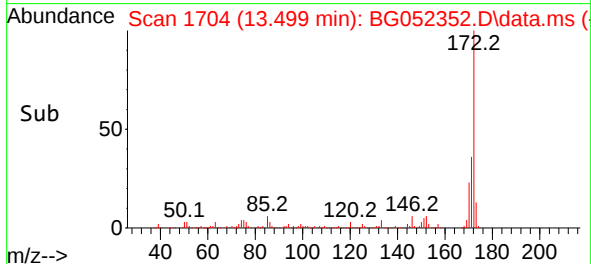
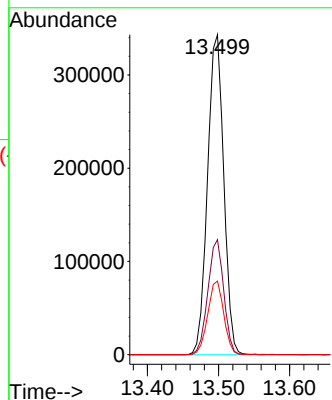
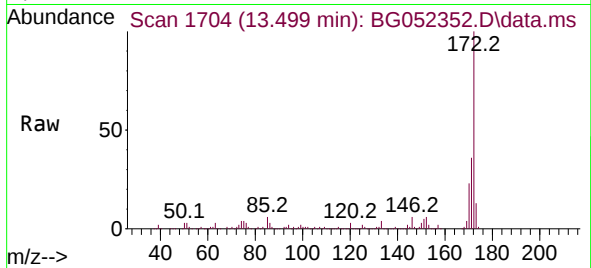




#45
2-Fluorobiphenyl
Concen: 99.257 ng
RT: 13.499 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

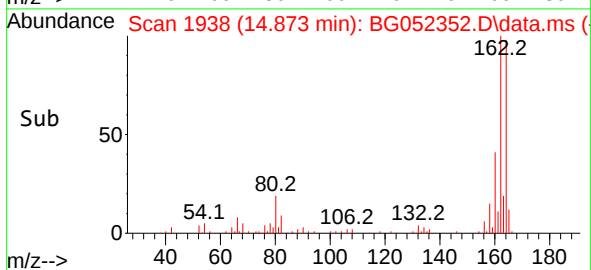
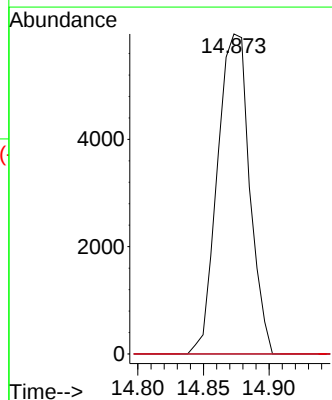
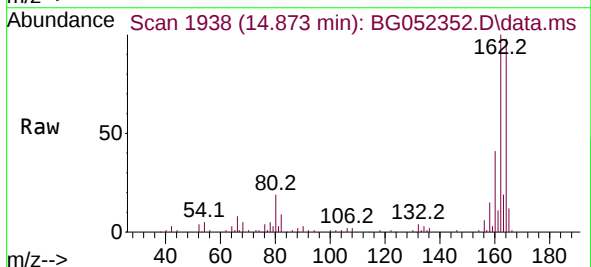
Instrument :
BNA_G
ClientSampleId :
PB142486BL

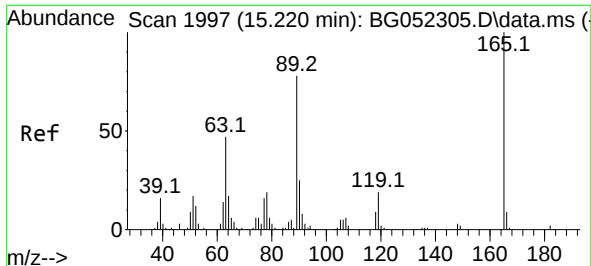
Tgt Ion:172 Resp: 544483
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.0 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.063 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.441 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:165 Resp: 10160
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

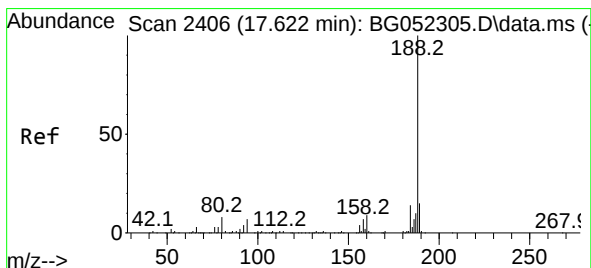
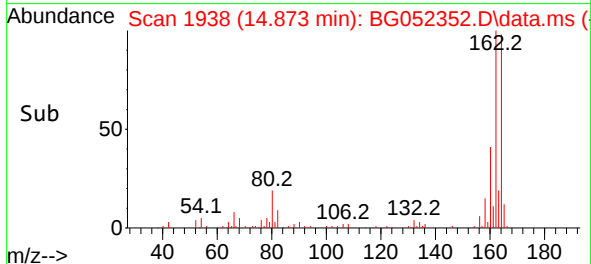
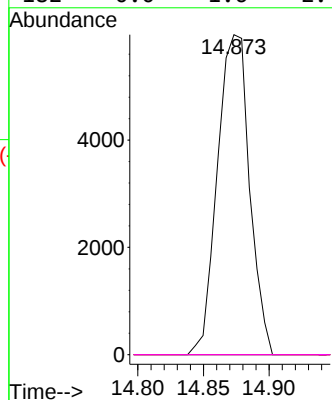
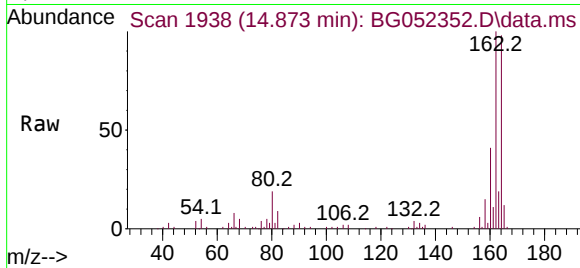




#57
2,4-Dinitrotoluene
Concen: 5.665 ng
RT: 14.873 min Scan# 1997
Delta R.T. -0.347 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

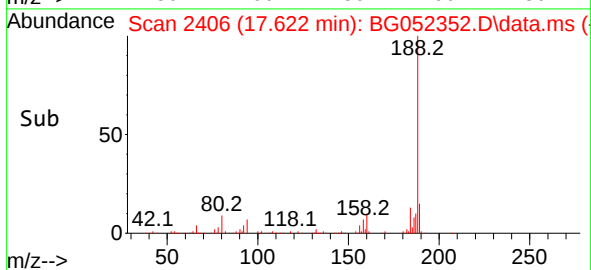
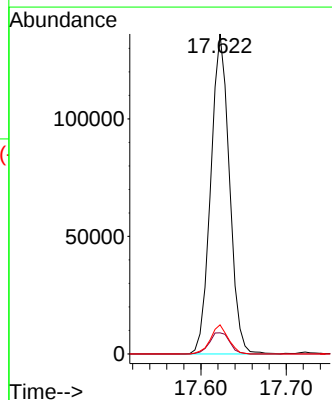
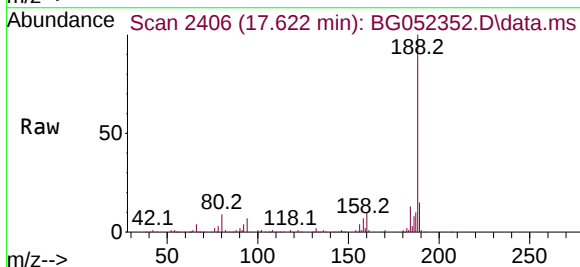
Instrument :
BNA_G
ClientSampleId :
PB142486BL

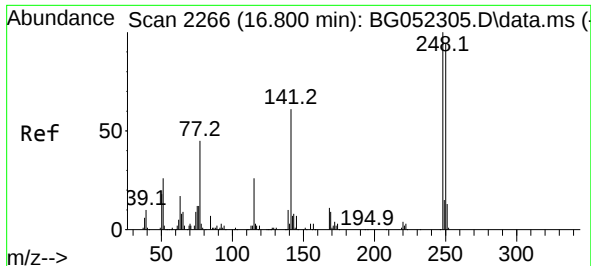
Tgt Ion:165 Resp: 10160
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:188 Resp: 206479
Ion Ratio Lower Upper
188 100
94 6.6 5.9 8.9
80 9.1 6.6 10.0

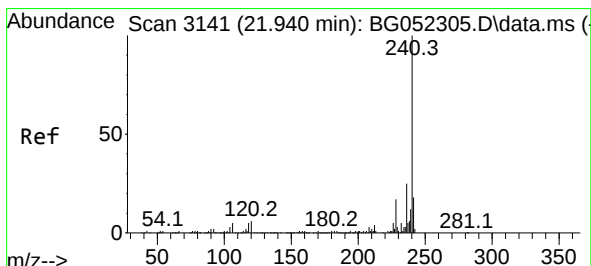
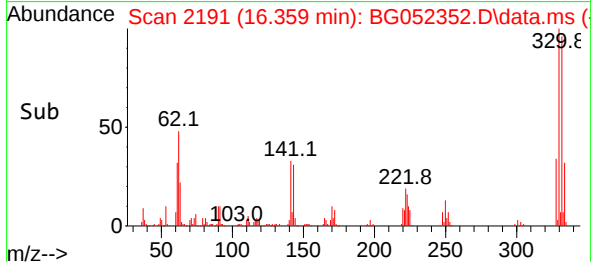
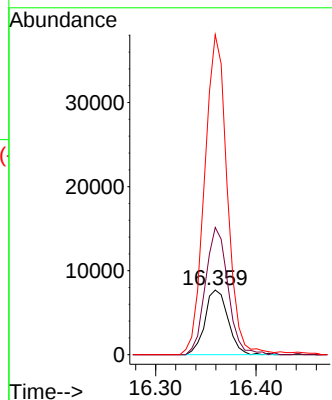
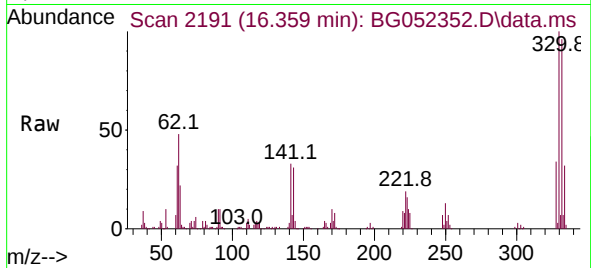




#67
4-Bromophenyl-phenylether
Concen: 4.924 ng
RT: 16.359 min Scan# 21191
Delta R.T. -0.441 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

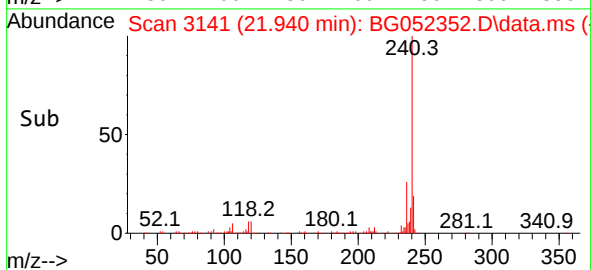
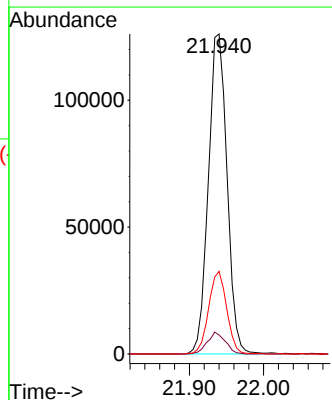
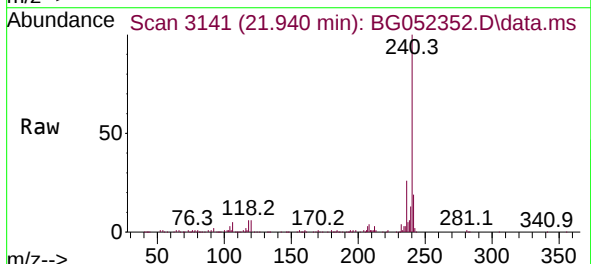
Instrument :
BNA_G
ClientSampleId :
PB142486BL

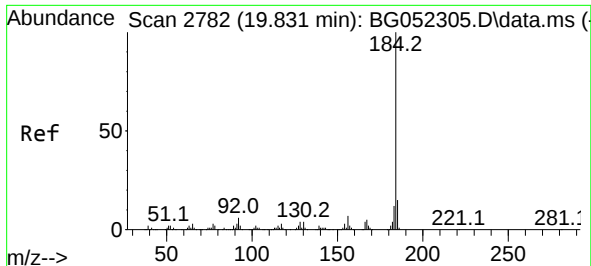
Tgt Ion:248 Resp: 12363
Ion Ratio Lower Upper
248 100
250 196.5 79.6 119.4#
141 494.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:240 Resp: 220469
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 25.8 20.8 31.2

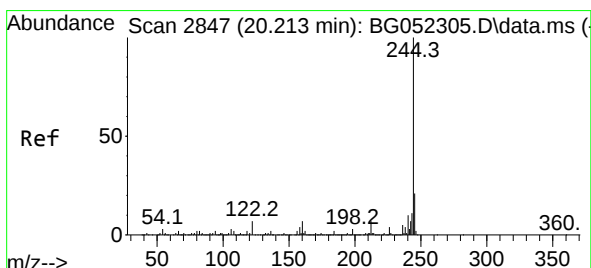
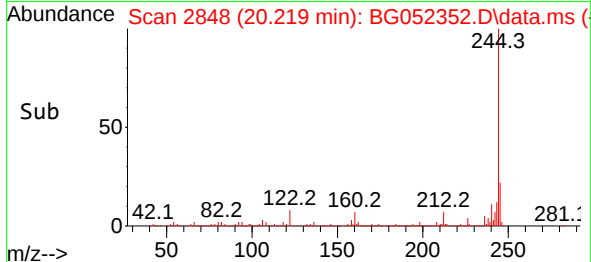
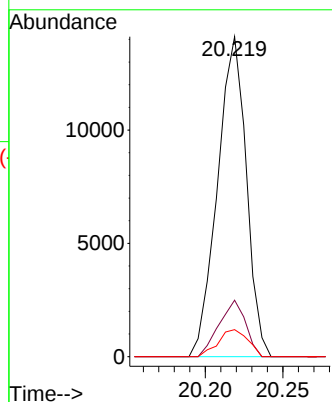
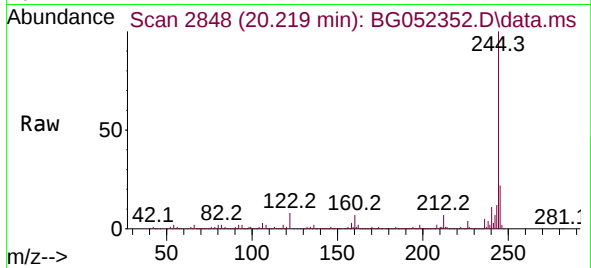




#77
Benzidine
Concen: 3.868 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.388 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

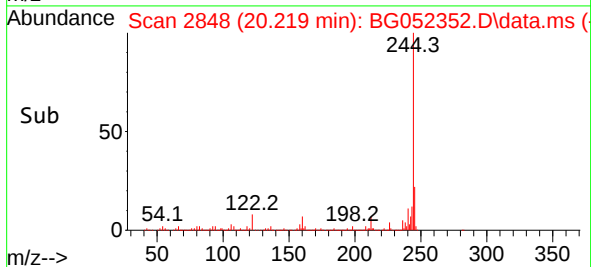
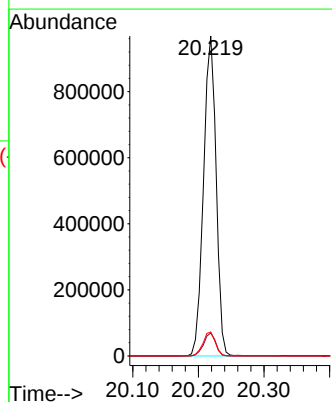
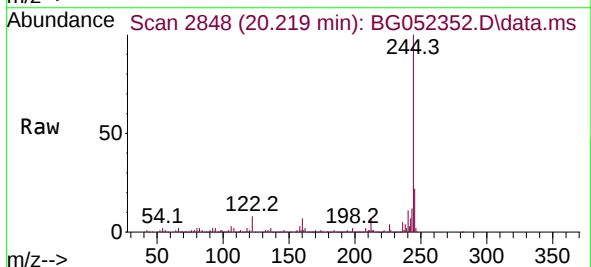
Instrument :
BNA_G
ClientSampleId :
PB142486BL

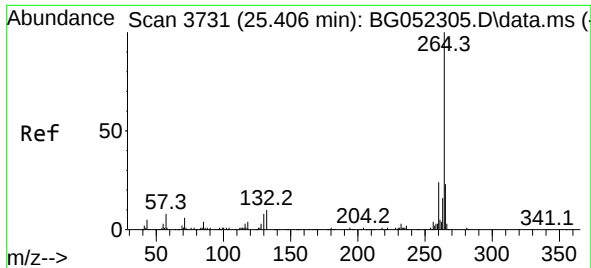
Tgt Ion:184 Resp: 18224
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.8
183 8.4 9.8 14.6#



#79
Terphenyl-d14
Concen: 103.773 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:244 Resp: 1295614
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 7.5 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

Tgt Ion:264 Resp: 214642
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.3 17.8 26.6

