

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061721\
 Data File : BG049014.D
 Acq On : 17 Jun 2021 15:01
 Operator : CG/JU
 Sample : M2735-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124027

Quant Time: Jun 17 16:02:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

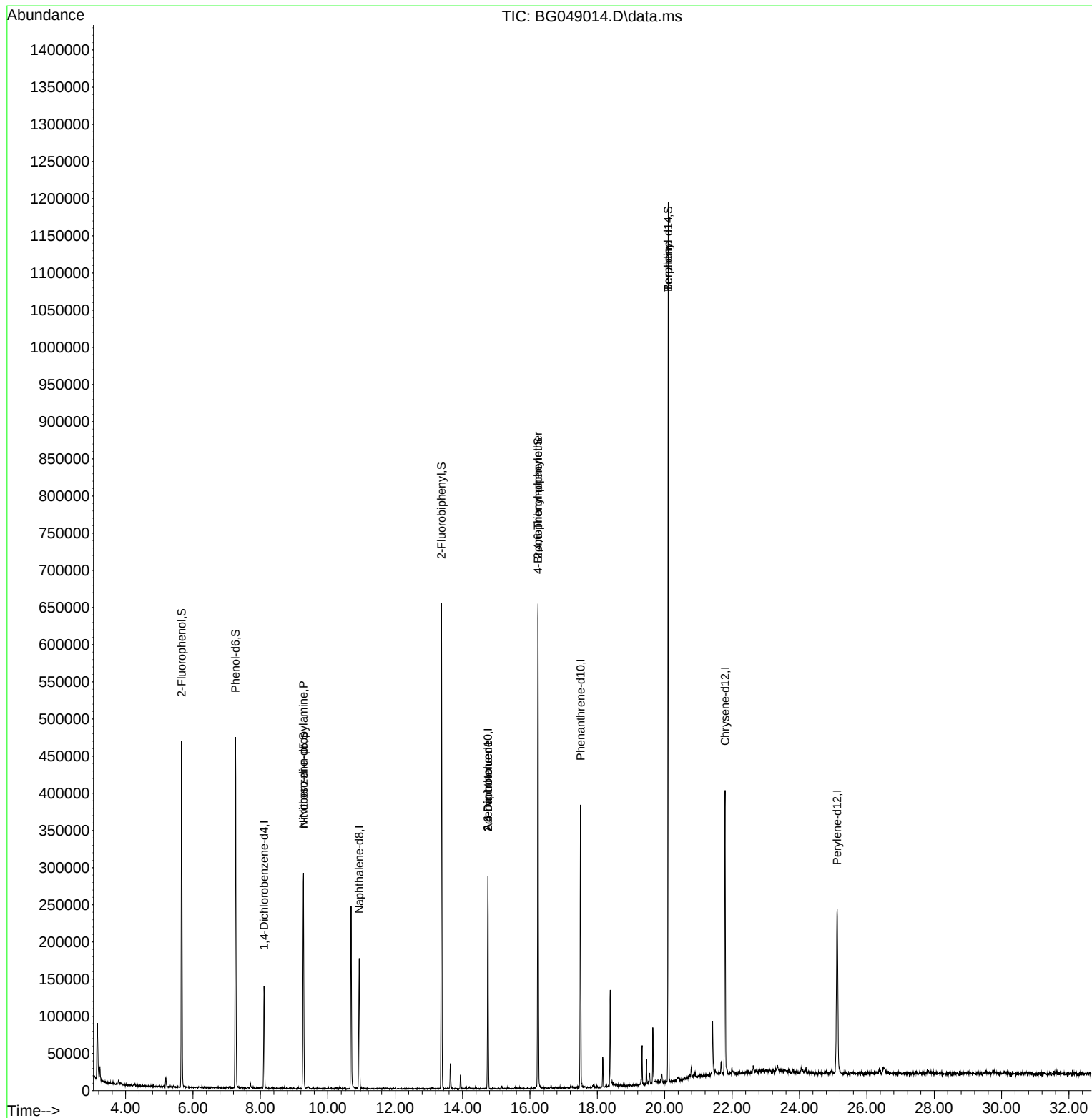
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	34529	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	137202	20.000	ng	# 0.00
39) Acenaphthene-d10	14.754	164	99587	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	239638	20.000	ng	# 0.00
76) Chrysene-d12	21.793	240	239008	20.000	ng	0.00
86) Perylene-d12	25.118	264	244983	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	180779	81.501	ng	0.00
7) Phenol-d6	7.263	99	243178	73.146	ng	0.00
23) Nitrobenzene-d5	9.278	82	169767	53.354	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	120848	81.906	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	321441	45.597	ng	-0.01
79) Terphenyl-d14	20.106	244	535429	41.028	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	25731	9.902	ng	# 77
51) 2,6-Dinitrotoluene	14.754	165	12748	8.070	ng	# 12
57) 2,4-Dinitrotoluene	14.754	165	12748	6.570	ng	# 17
67) 4-Bromophenyl-phenylether	16.234	248	8097	2.706	ng	# 1
77) Benzidine	20.106	184	9660	2.006	ng	# 92

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

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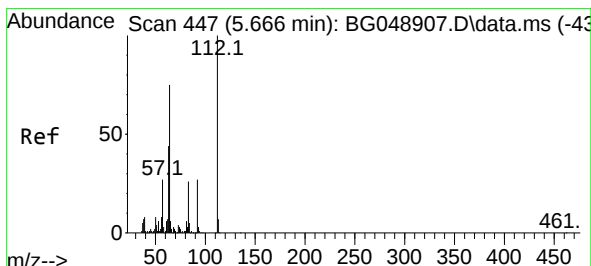
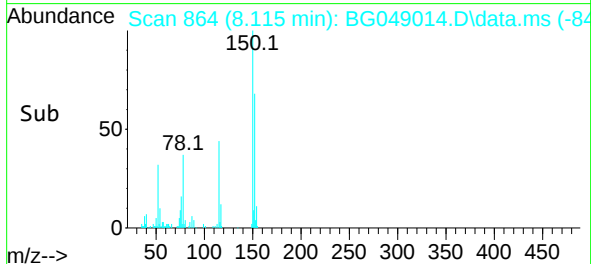
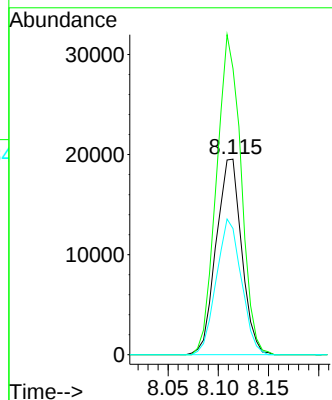
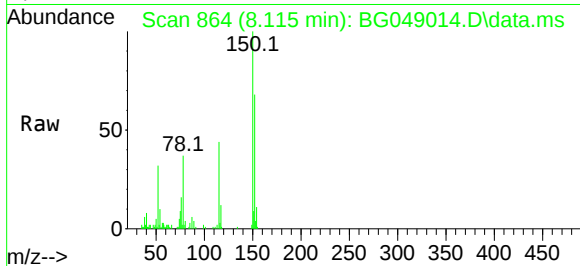




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.115 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

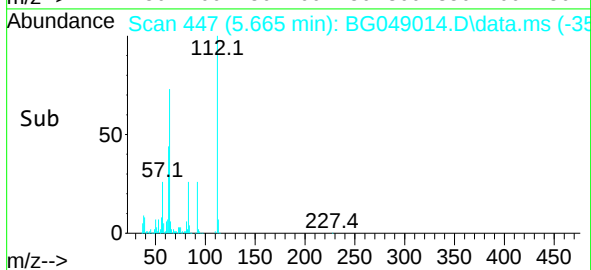
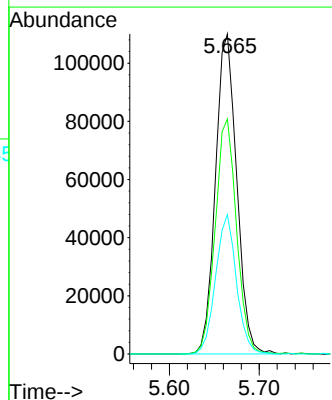
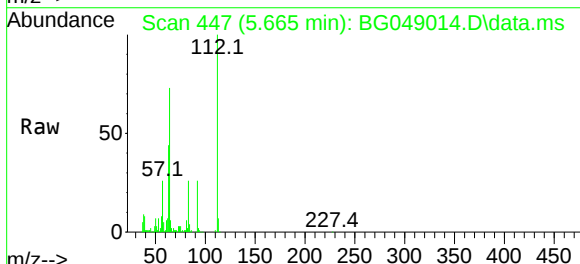
Instrument :
BNA_G
ClientSampleId :
124027

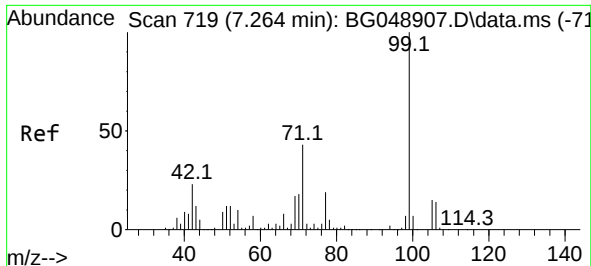
Tgt Ion:152 Resp: 34529
Ion Ratio Lower Upper
152 100
150 146.4 119.4 179.0
115 64.5 60.2 90.4



#5
2-Fluorophenol
Concen: 81.501 ng
RT: 5.665 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion:112 Resp: 180779
Ion Ratio Lower Upper
112 100
64 73.4 46.7 70.1#
63 43.5 35.3 52.9

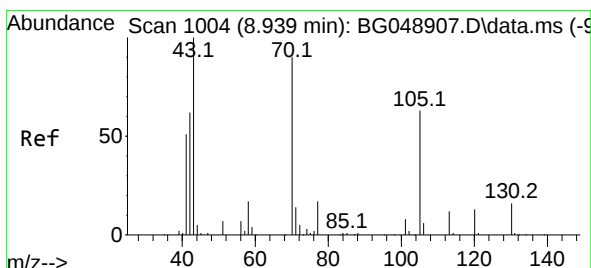
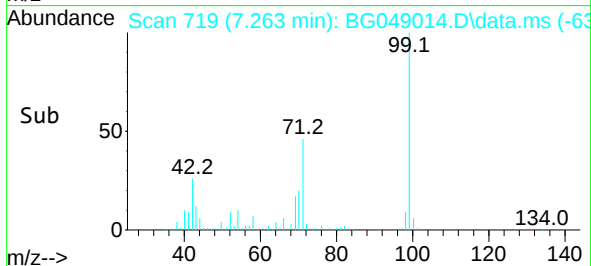
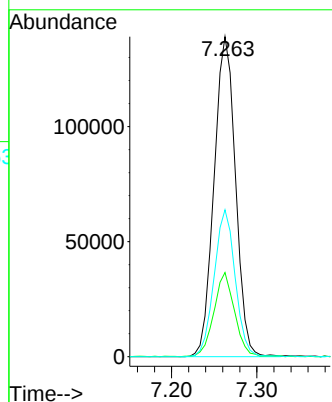
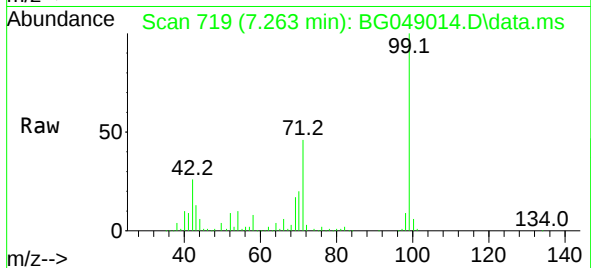




#7
Phenol-d6
Concen: 73.146 ng
RT: 7.263 min Scan# 719
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

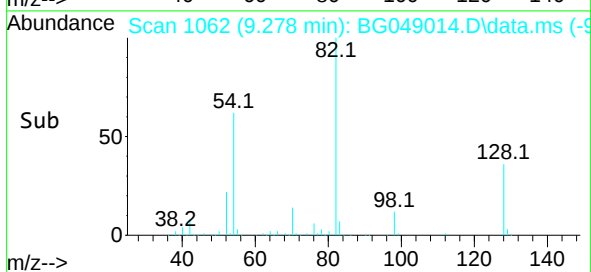
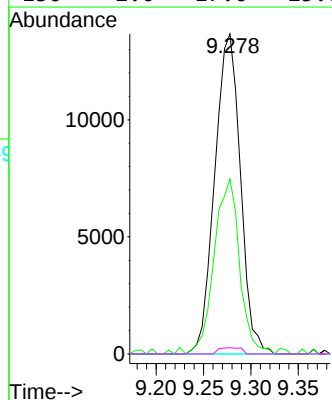
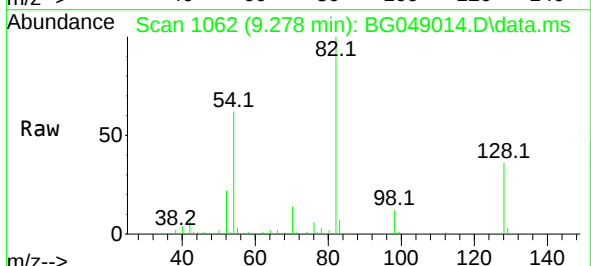
Instrument :
BNA_G
ClientSampleId :
124027

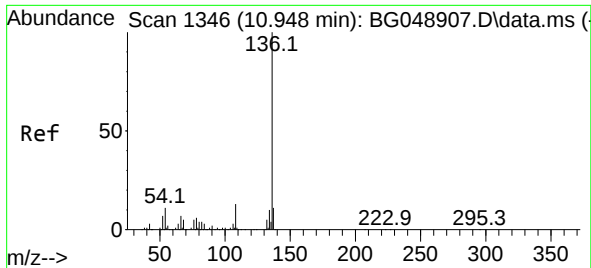
Tgt Ion: 99 Resp: 243178
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 45.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.902 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion: 70 Resp: 25731
Ion Ratio Lower Upper
70 100
42 54.7 54.5 81.7
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

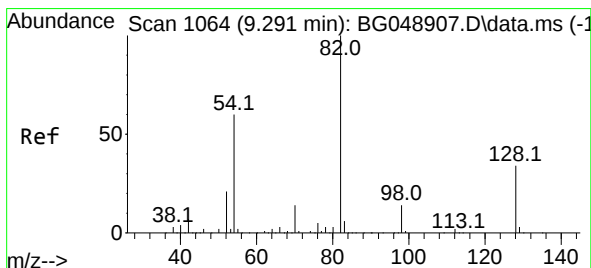
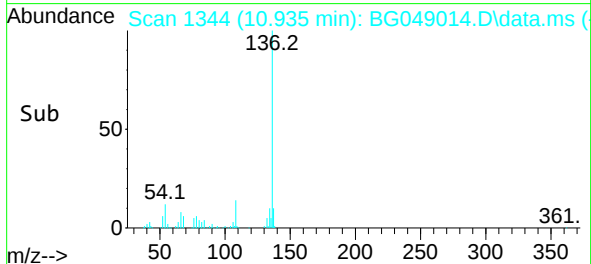
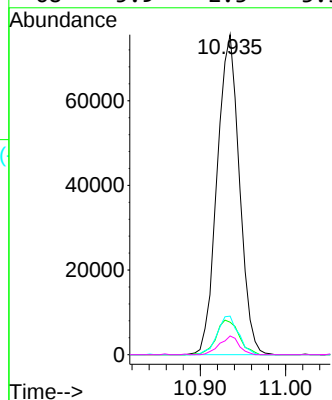
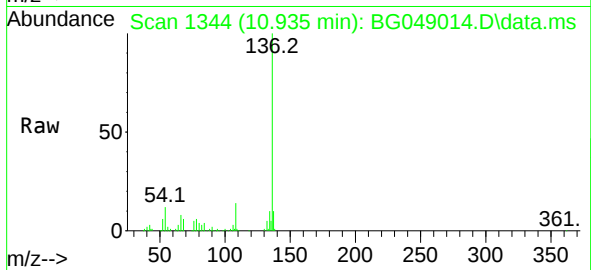




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

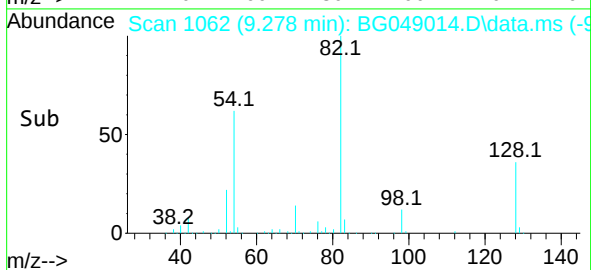
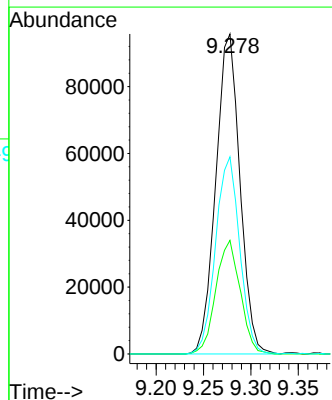
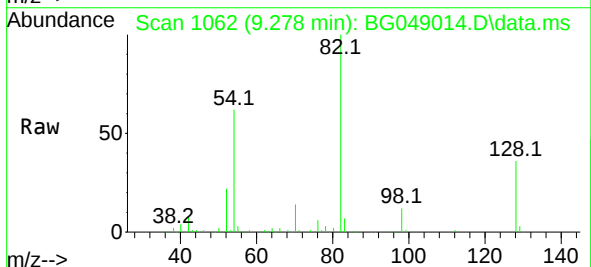
Instrument :
BNA_G
ClientSampleId :
124027

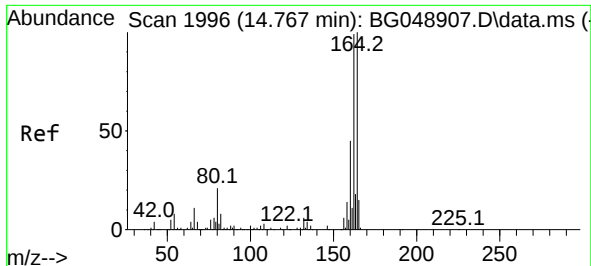
Tgt Ion:	136	Resp:	137202
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.2
54	12.0	5.5	8.3#
68	5.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 53.354 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion:	82	Resp:	169767
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.8	44.6
54	61.6	45.8	68.8

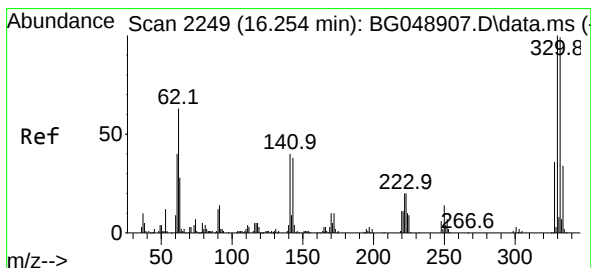
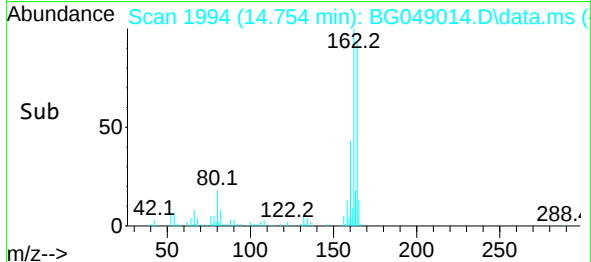
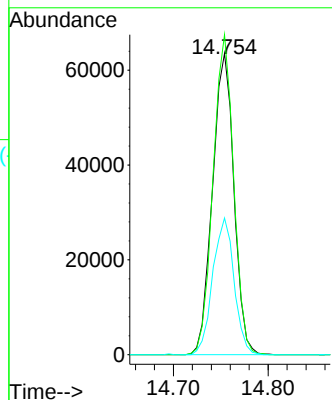
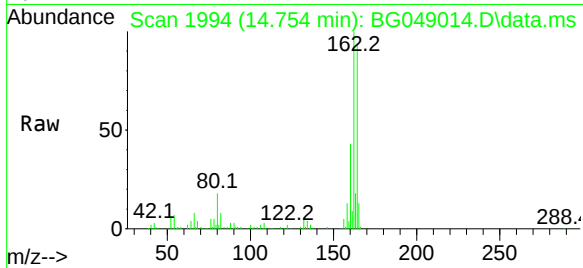




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

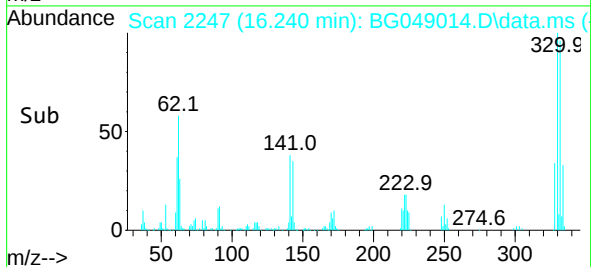
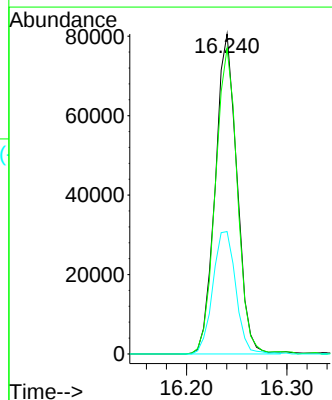
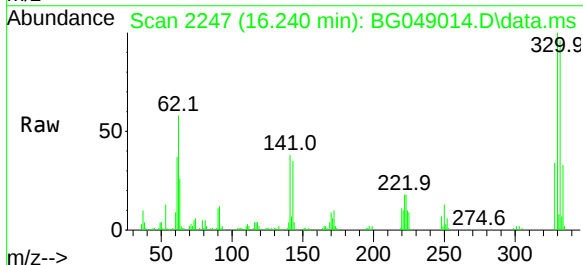
Instrument :
BNA_G
ClientSampleId :
124027

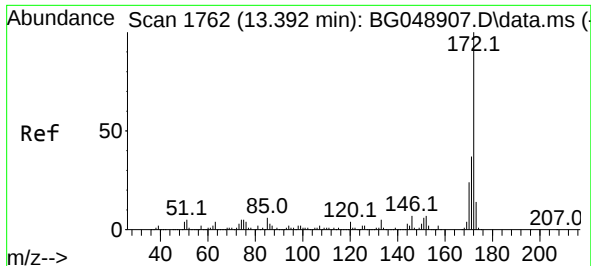
Tgt Ion:164 Resp: 99587
Ion Ratio Lower Upper
164 100
162 106.2 81.4 122.0
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 81.906 ng
RT: 16.240 min Scan# 2247
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

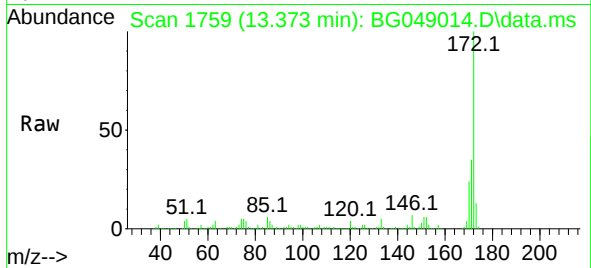
Tgt Ion:330 Resp: 120848
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 40.5 35.6 53.4



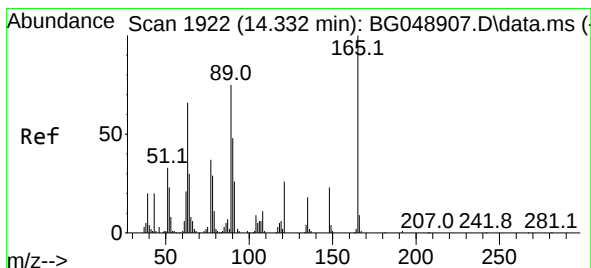
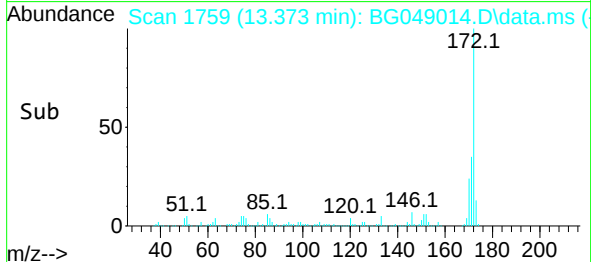
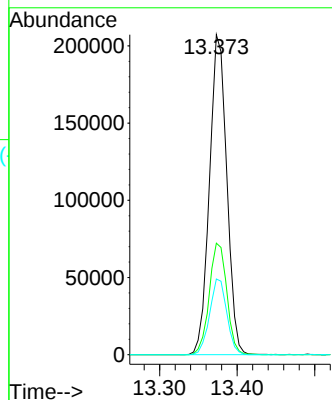


#45
2-Fluorobiphenyl
Concen: 45.597 ng
RT: 13.373 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Instrument :
BNA_G
ClientSampleId :
124027

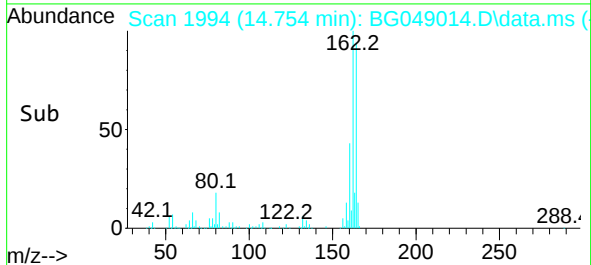
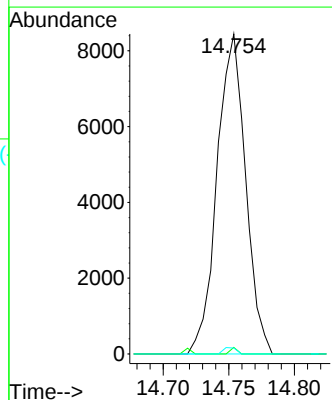
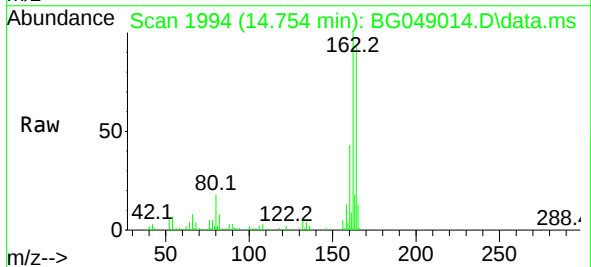


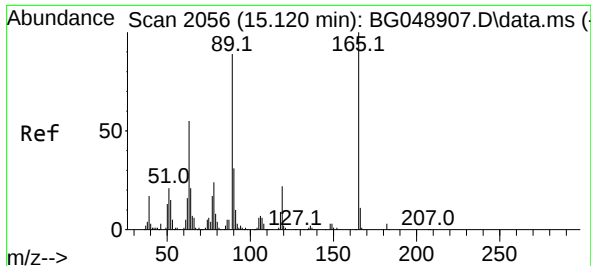
Tgt Ion:	172	Resp:	321441
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.6	43.0
170	23.7	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.070 ng
RT: 14.754 min Scan# 1994
Delta R.T. 0.430 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion:	165	Resp:	12748
Ion Ratio	Lower	Upper	
165	100		
63	2.0	63.3	94.9#
89	1.9	63.4	95.0#

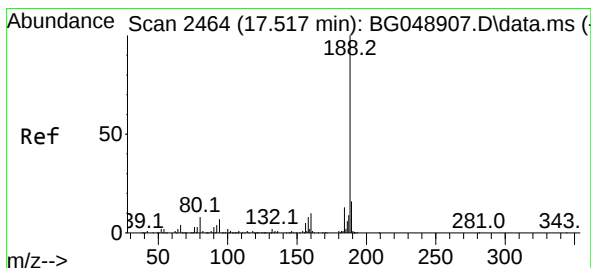
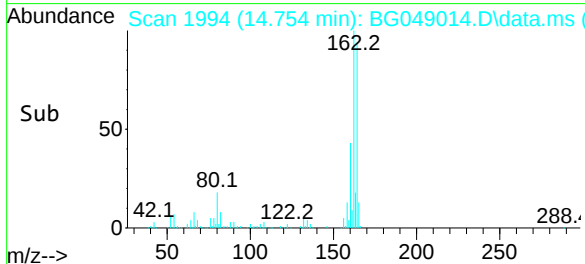
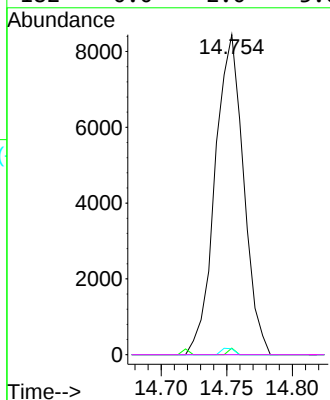
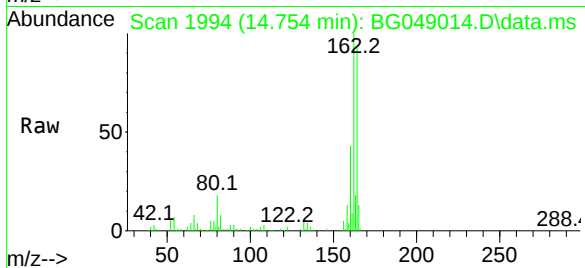




#57
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 14.754 min Scan# 1994
Delta R.T. -0.357 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

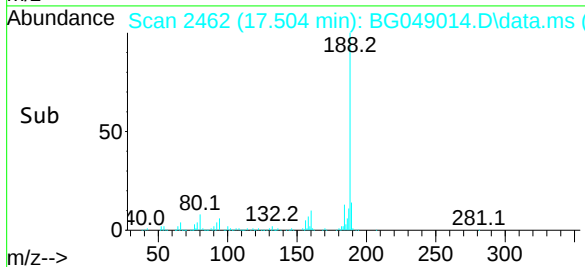
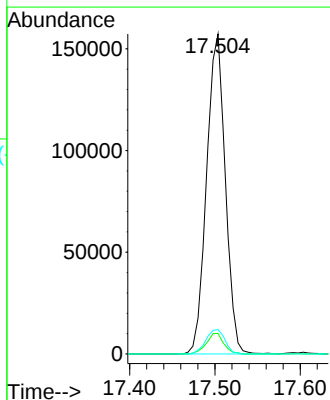
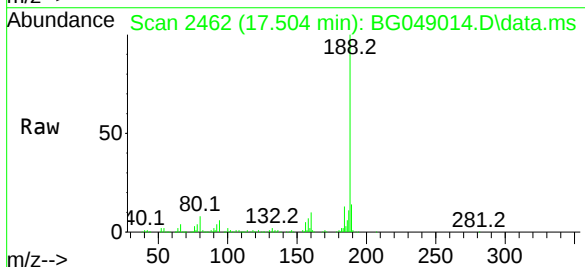
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ClientSampleId :
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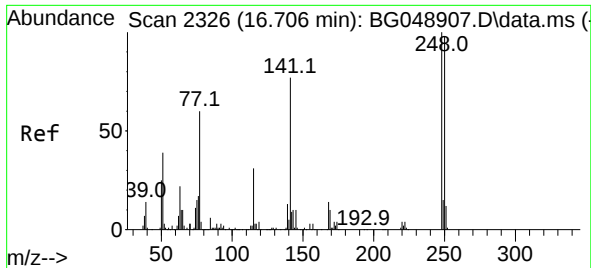
Tgt Ion:165 Resp: 12748
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion:188 Resp: 239638
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.6 3.7 5.5#

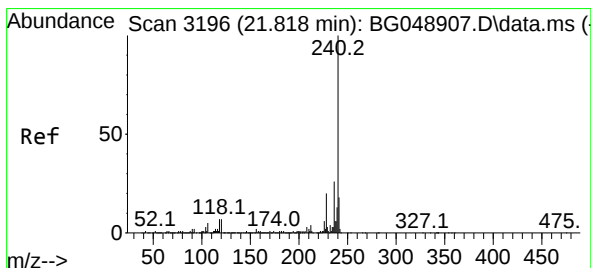
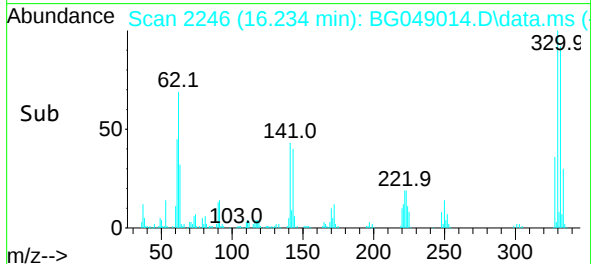
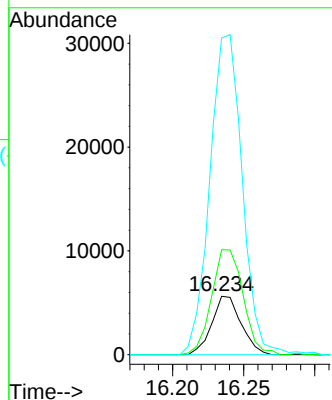
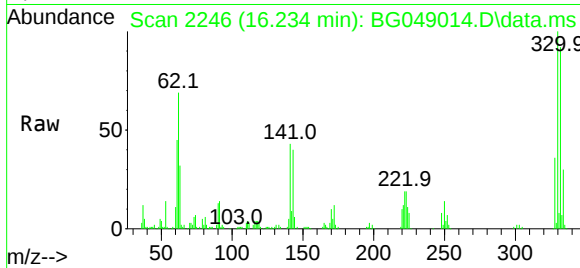




#67
4-Bromophenyl-phenylether
Concen: 2.706 ng
RT: 16.234 min Scan# 2246
Delta R.T. -0.457 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

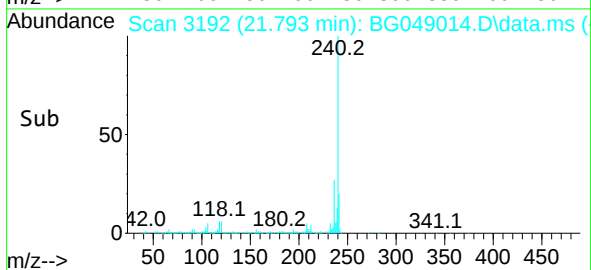
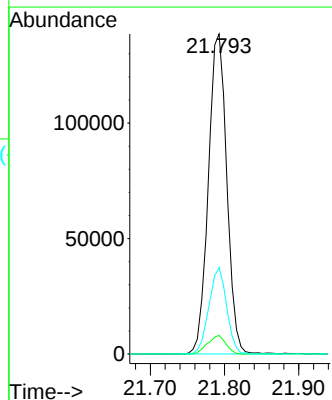
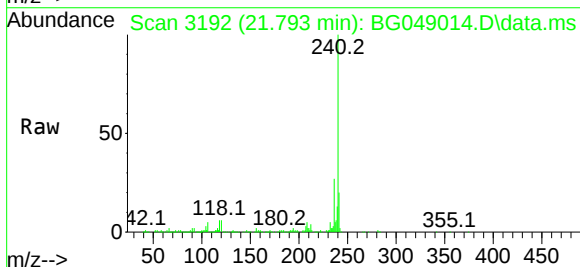
Instrument :
BNA_G
ClientSampled :
124027

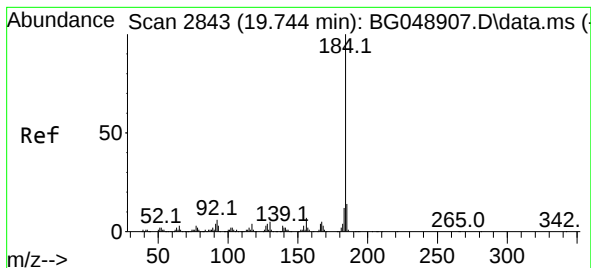
Tgt Ion:248 Resp: 8097
Ion Ratio Lower Upper
248 100
250 179.8 76.1 114.1#
141 542.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3192
Delta R.T. -0.005 min
Lab File: BG049014.D
Acq: 17 Jun 2021 15:01

Tgt Ion:240 Resp: 239008
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 27.0 21.8 32.6





#77

Benzidine

Concen: 2.006 ng

RT: 20.106 min Scan# 2905

Delta R.T. 0.377 min

Lab File: BG049014.D

Acq: 17 Jun 2021 15:01

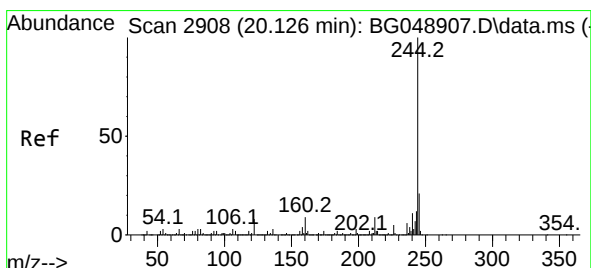
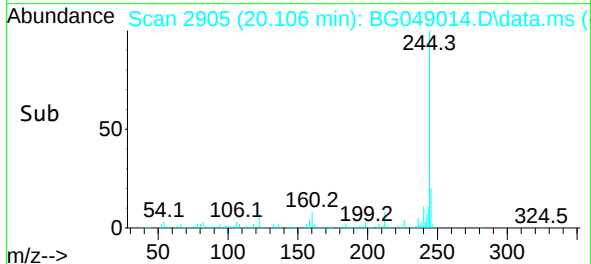
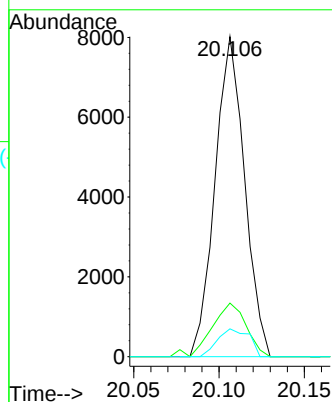
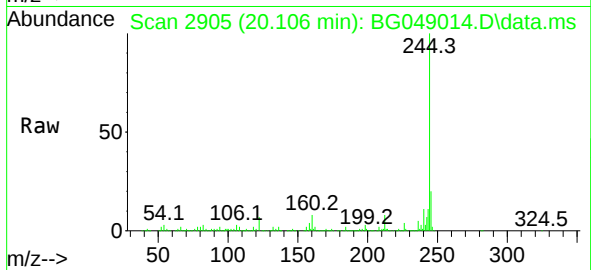
Instrument :

BNA_G

ClientSampleId :

124027

Tgt Ion:184 Resp: 9660
 Ion Ratio Lower Upper
 184 100
 185 16.8 10.7 16.1#
 183 8.7 9.4 14.0#



#79

Terphenyl-d14

Concen: 41.028 ng

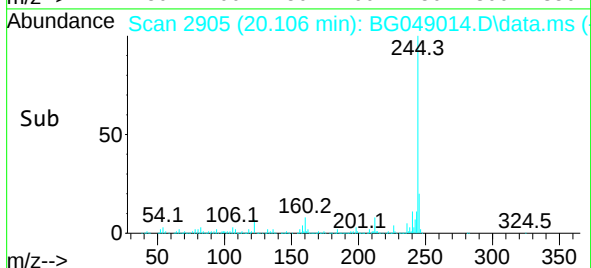
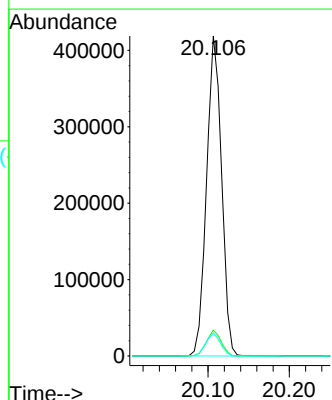
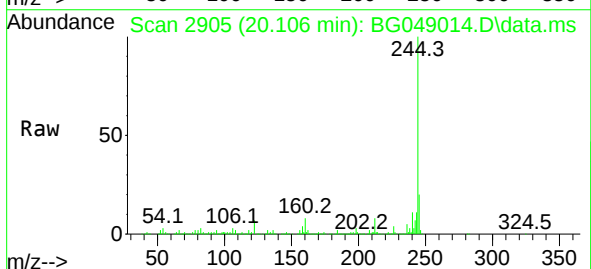
RT: 20.106 min Scan# 2905

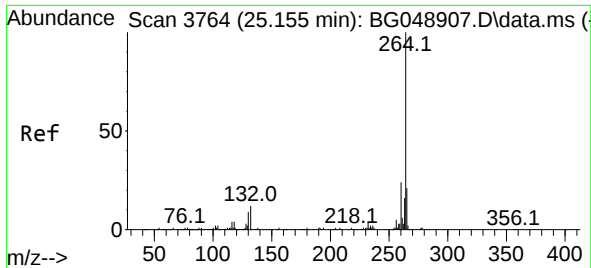
Delta R.T. -0.005 min

Lab File: BG049014.D

Acq: 17 Jun 2021 15:01

Tgt Ion:244 Resp: 535429
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 7.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.118 min Scan# 3758
 Delta R.T. -0.011 min
 Lab File: BG049014.D
 Acq: 17 Jun 2021 15:01

Instrument :
 BNA_G
 ClientSampleId :
 124027

Tgt Ion:264 Resp: 244983
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.4 16.9 25.3

