

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050691.D
 Acq On : 22 Oct 2021 15:55
 Operator : CG/JU
 Sample : PB140012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140012BL

Quant Time: Oct 22 17:37:52 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

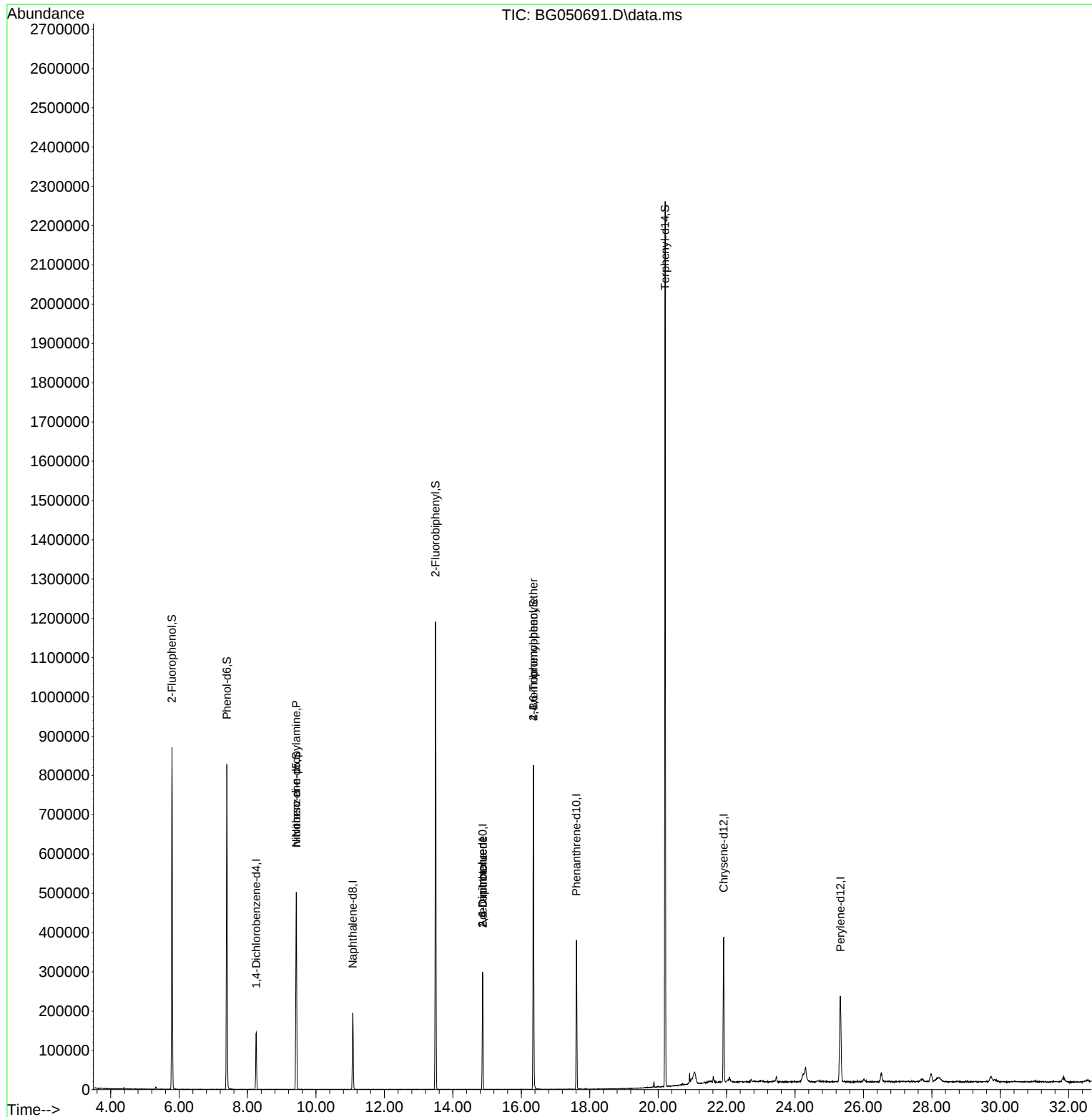
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	38105	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	164046	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	106293	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	234401	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	222785	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	208891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	350253	137.466	ng	0.00
7) Phenol-d6	7.395	99	461990	125.237	ng	0.00
23) Nitrobenzene-d5	9.422	82	327451	82.630	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	121072	119.418	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	595456	84.312	ng	-0.01
79) Terphenyl-d14	20.204	244	980983	85.812	ng	0.00
Target Compounds						
9) Benzaldehyde	7.395	77	1160	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	45470	16.911	ng	# 70
51) 2,6-Dinitrotoluene	14.869	165	13636	8.474	ng	# 10
57) 2,4-Dinitrotoluene	14.869	165	13636	6.012	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	10127	4.287	ng	# 1

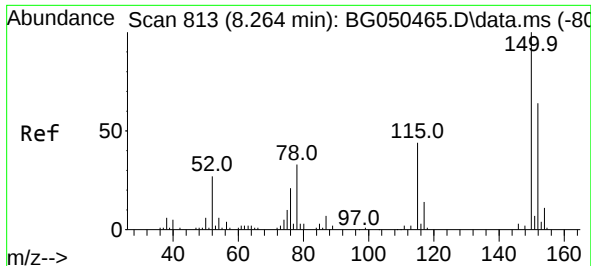
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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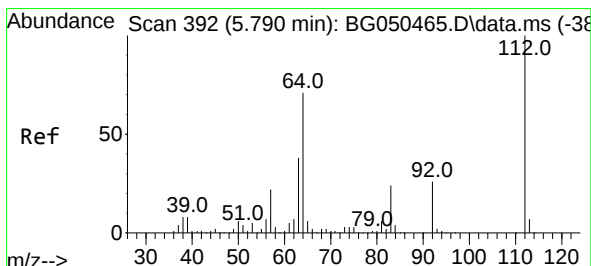
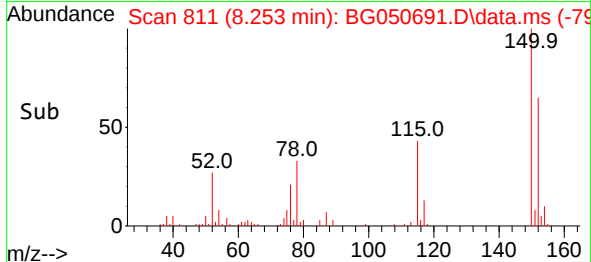
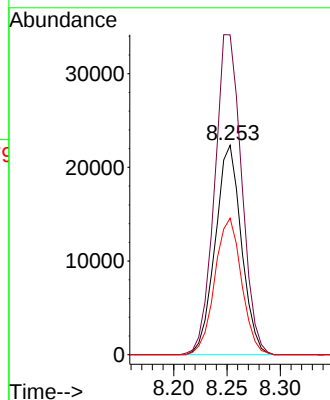
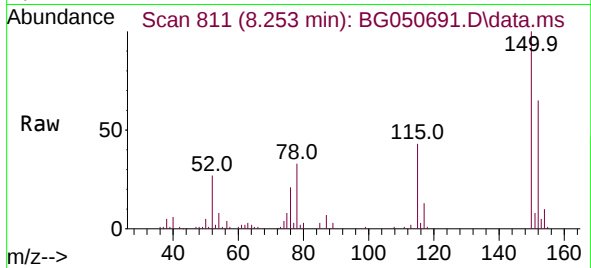




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

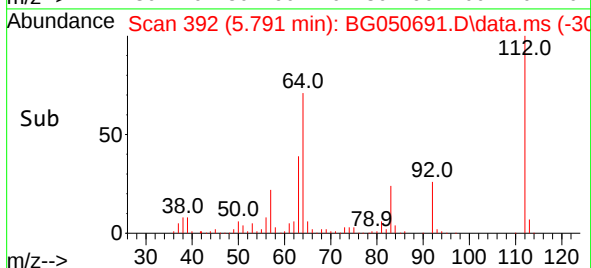
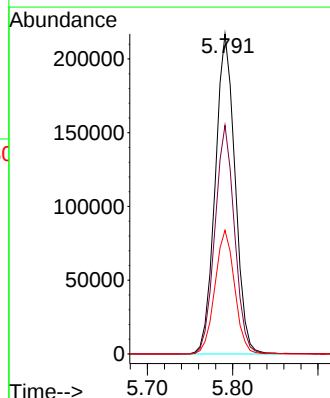
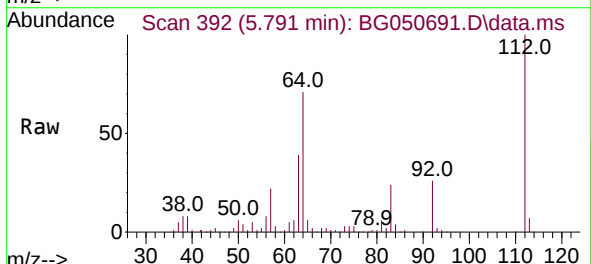
Instrument :
BNA_G
ClientSampleId :
PB140012BL

Tgt Ion:152 Resp: 38105
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 65.2 60.2 90.4



#5
2-Fluorophenol
Concen: 137.466 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:112 Resp: 350253
Ion Ratio Lower Upper
112 100
64 71.4 46.7 70.1#
63 38.6 35.3 52.9

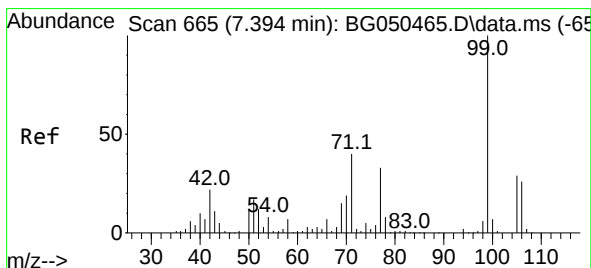
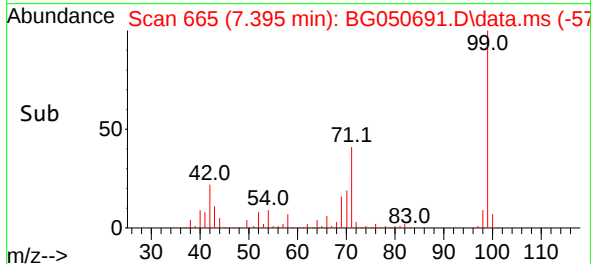
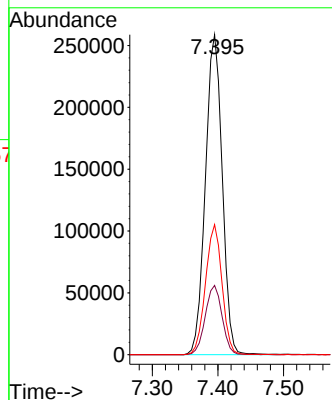
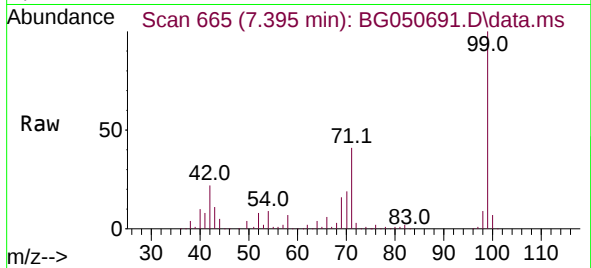




#7
Phenol-d6
Concen: 125.237 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

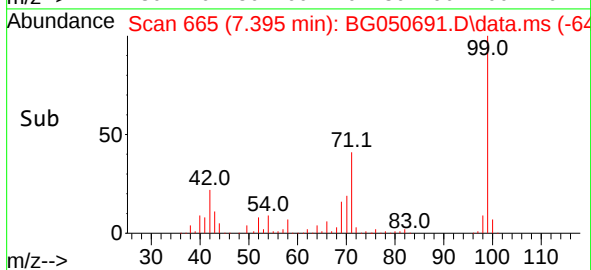
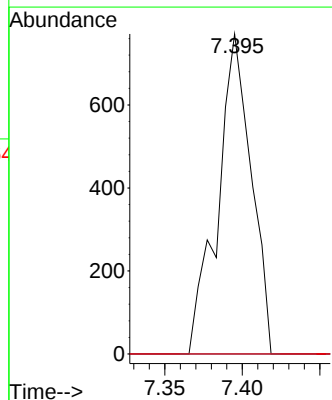
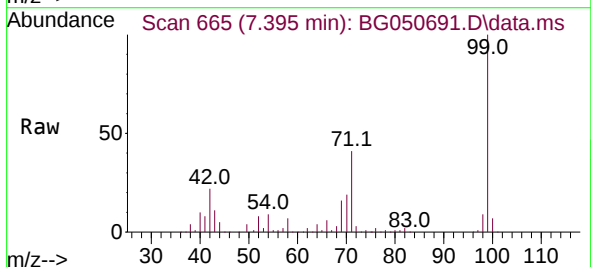
Instrument :
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ClientSampleId :
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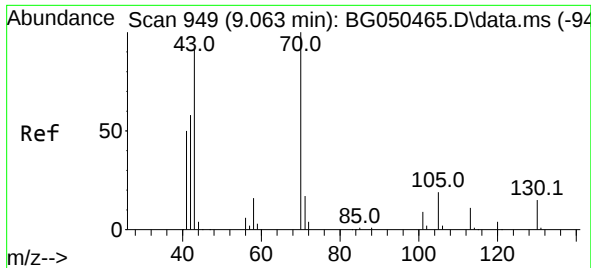
Tgt Ion: 99 Resp: 461990
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion: 77 Resp: 1160
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

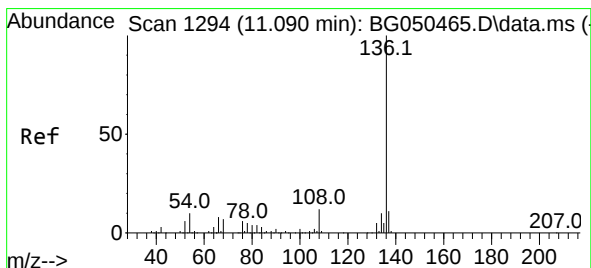
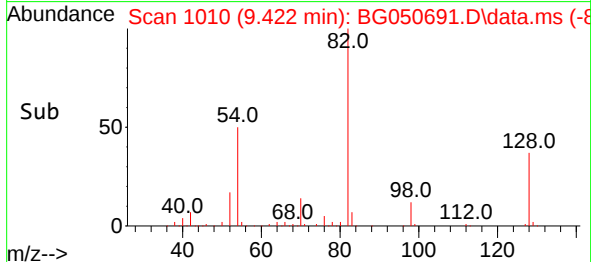
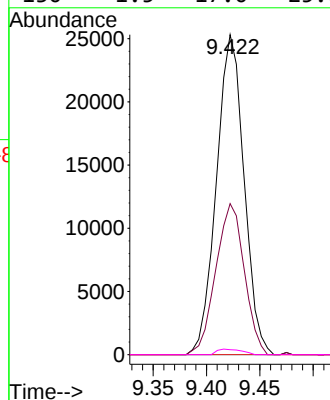
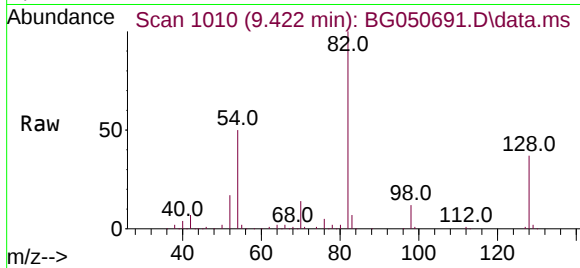




#19
n-Nitroso-di-n-propylamine
Concen: 16.911 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

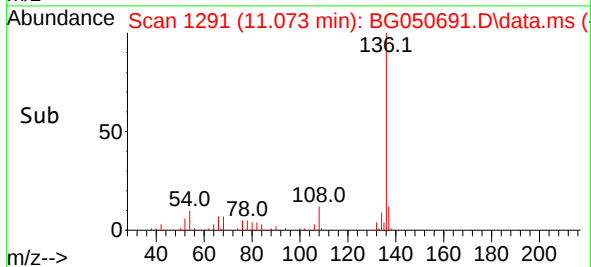
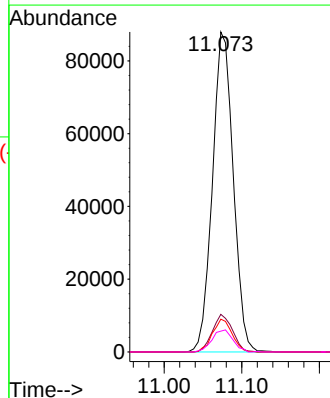
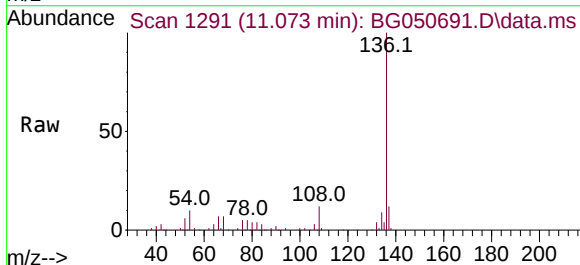
Instrument :
BNA_G
ClientSampleId :
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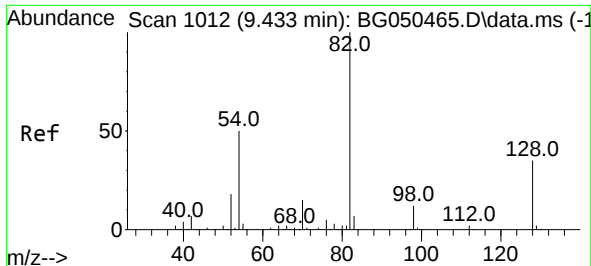
Tgt Ion: 70 Resp: 45470
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:136 Resp: 164046
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.3 5.5 8.3#
68 6.5 2.3 3.5#

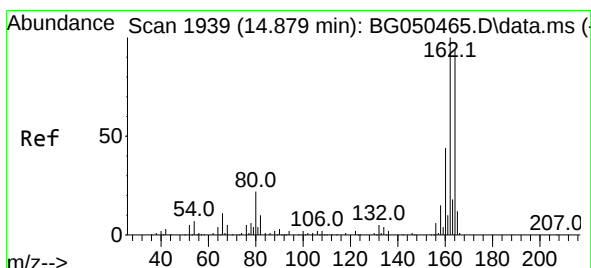
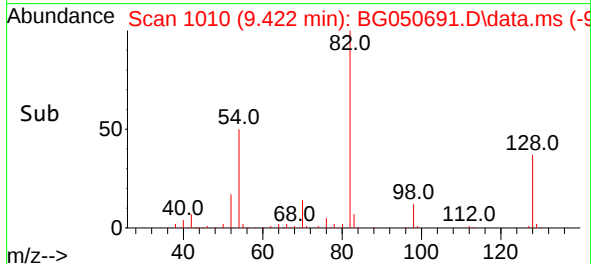
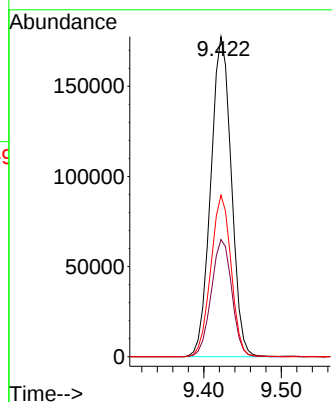
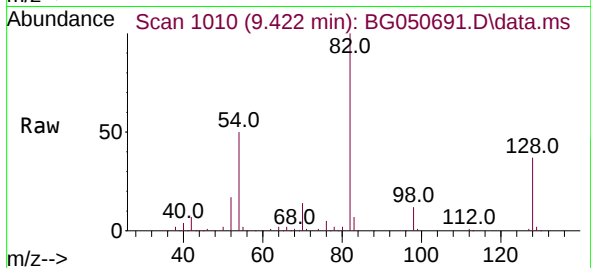




#23
Nitrobenzene-d5
Concen: 82.630 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

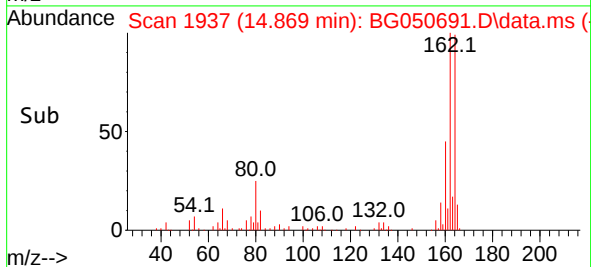
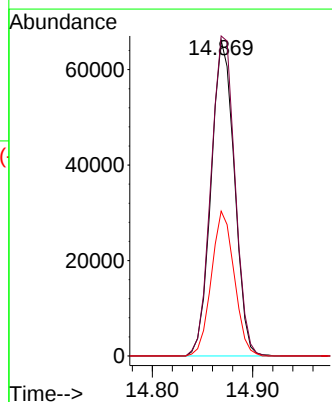
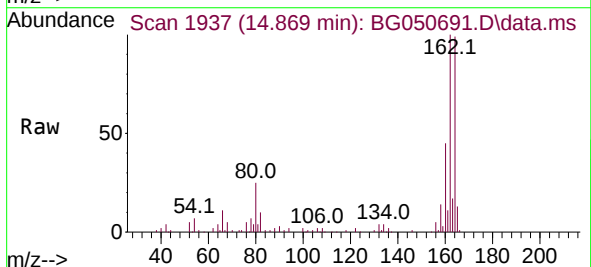
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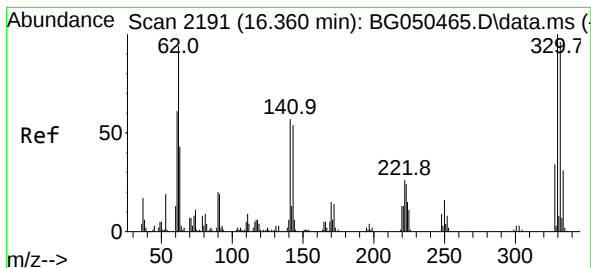
Tgt Ion: 82 Resp: 327451
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 50.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:164 Resp: 106293
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.9 34.9 52.3

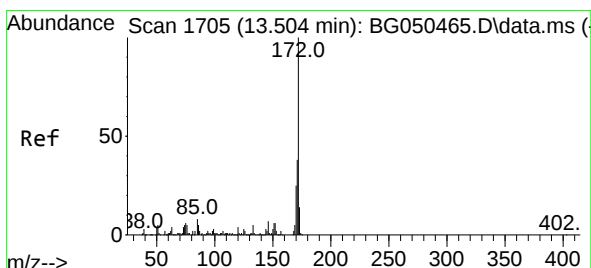
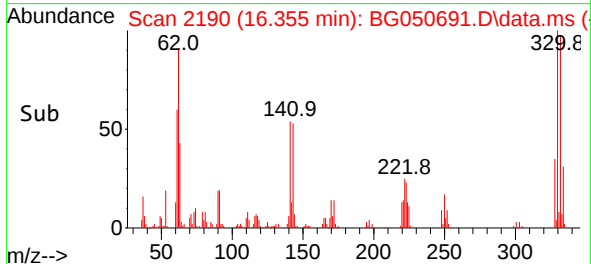
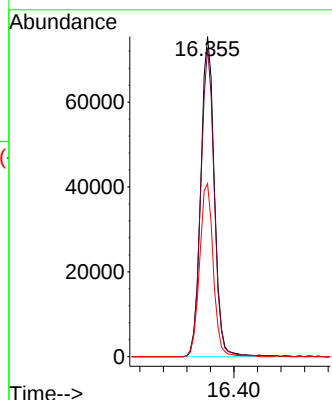
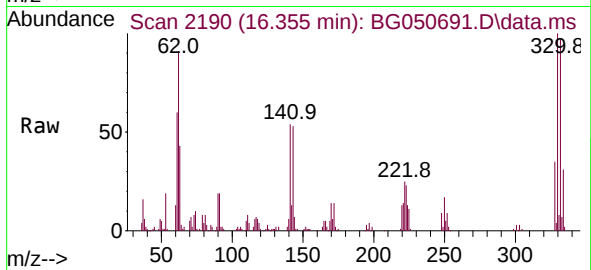




#42
2,4,6-Tribromophenol
Concen: 119.418 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

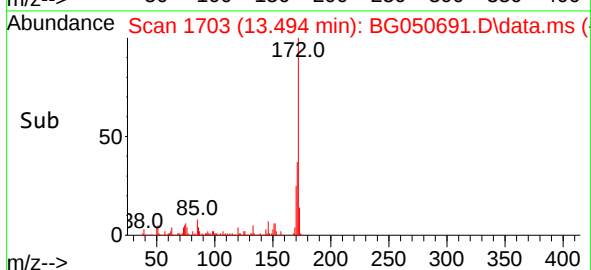
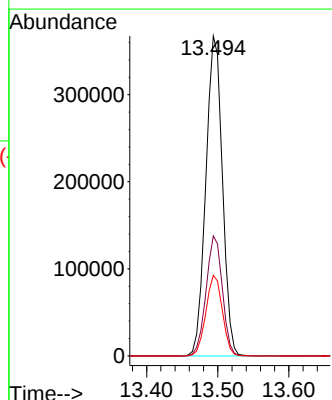
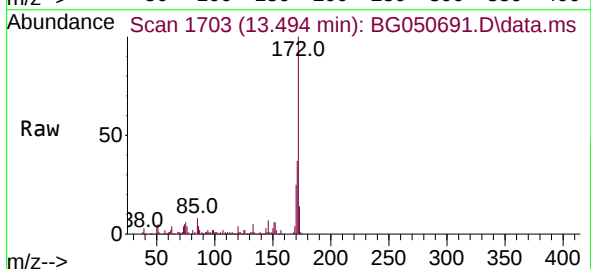
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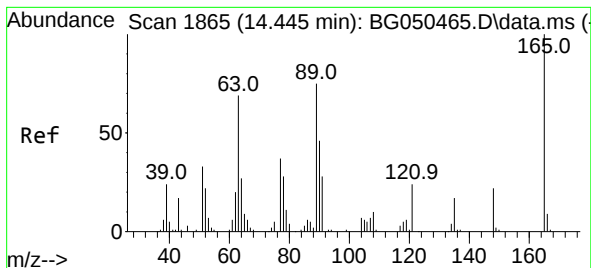
Tgt Ion:330 Resp: 121072
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 54.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 84.312 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:172 Resp: 595456
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.2 18.6 27.8

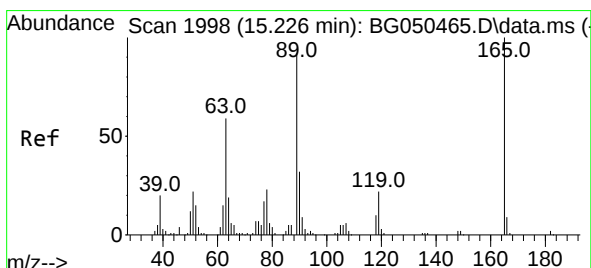
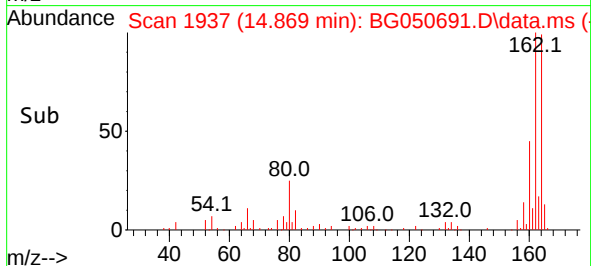
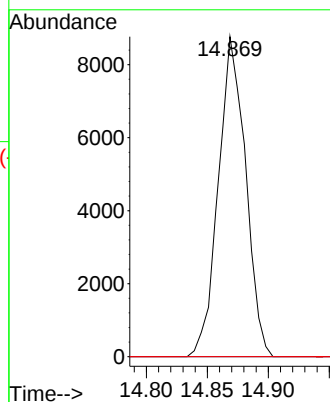
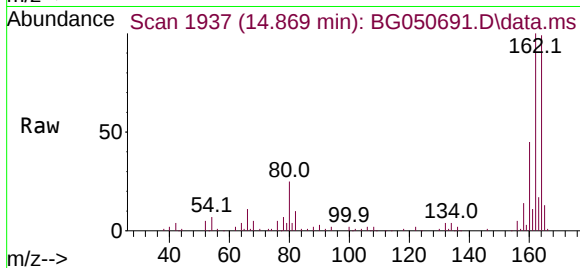




#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

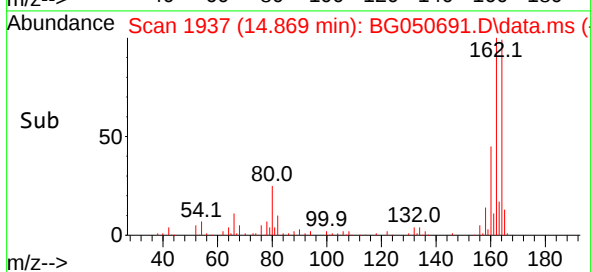
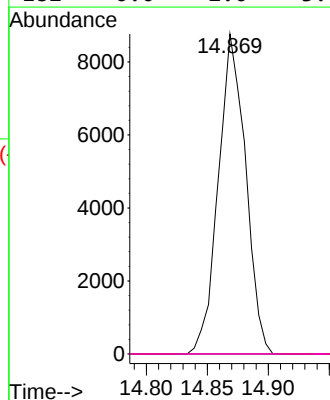
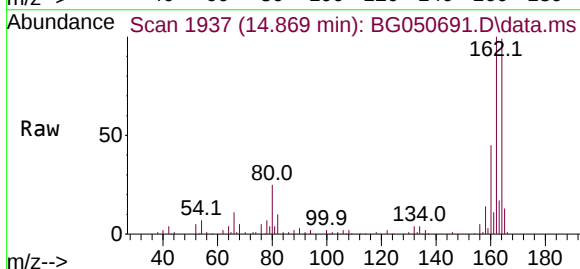
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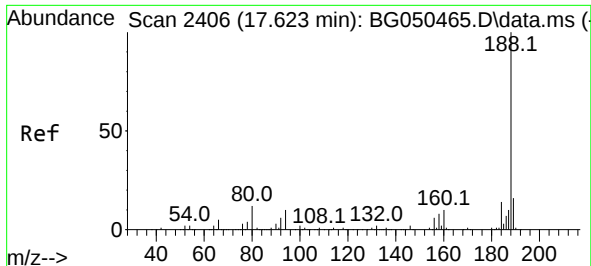
Tgt Ion:165 Resp: 13636
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:165 Resp: 13636
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#

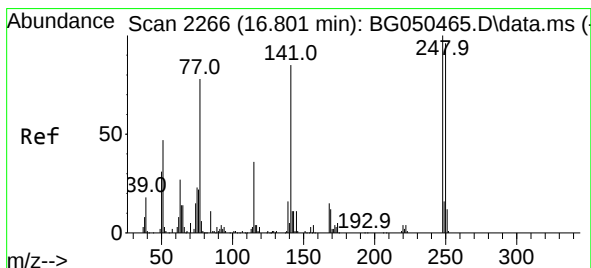
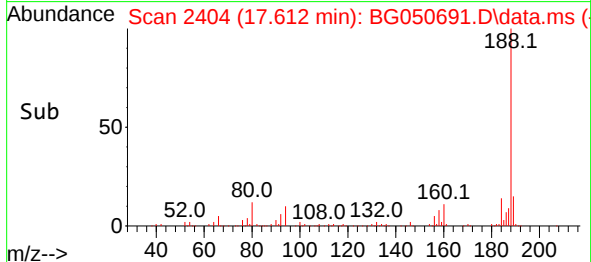
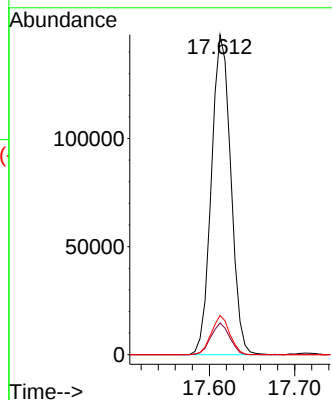
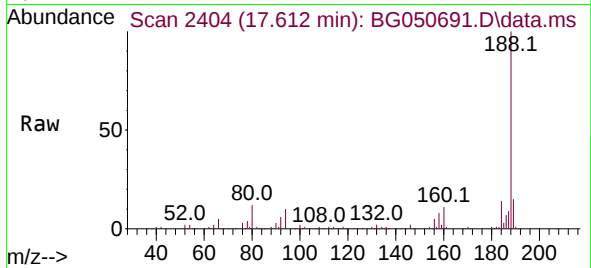




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

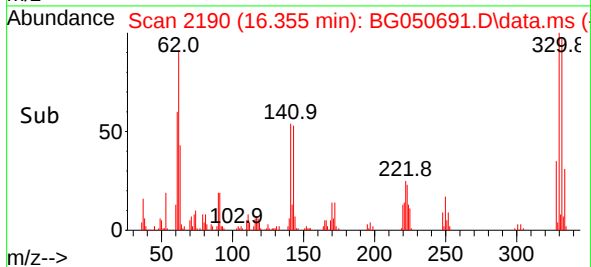
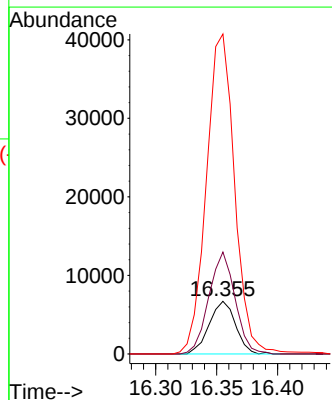
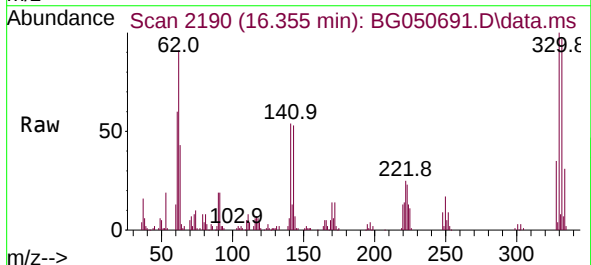
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BNA_G
ClientSampleId :
PB140012BL

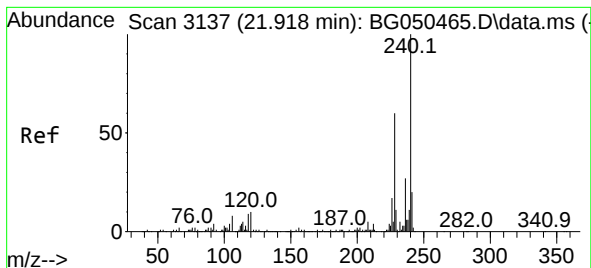
Tgt Ion:188 Resp: 234401
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 12.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.287 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:248 Resp: 10127
Ion Ratio Lower Upper
248 100
250 193.5 76.1 114.1#
141 607.3 65.4 98.2#

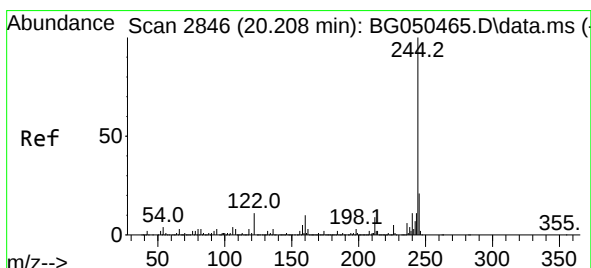
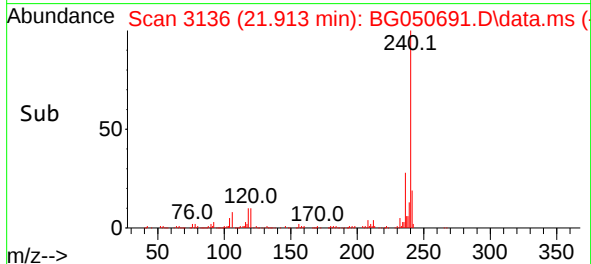
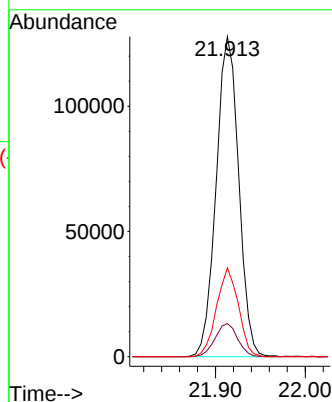
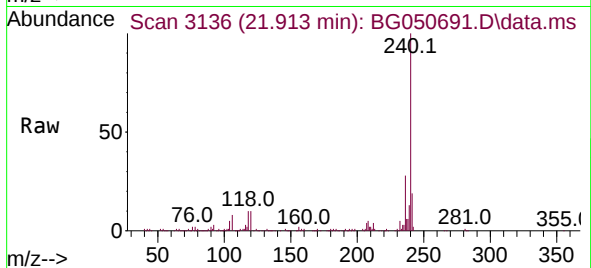




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

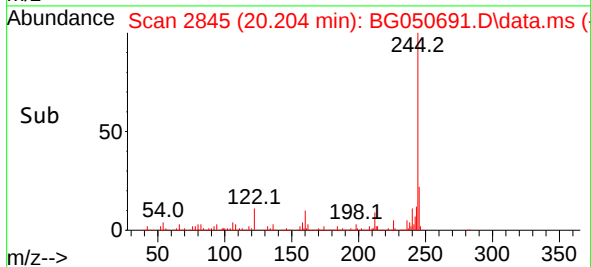
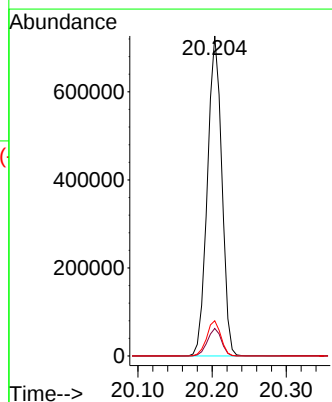
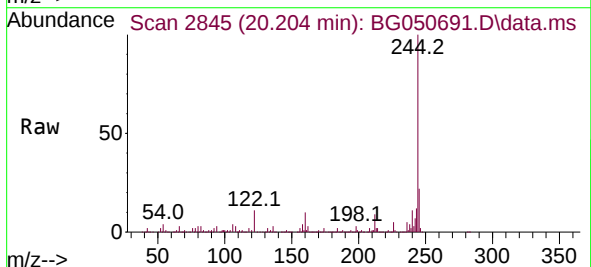
Instrument :
BNA_G
ClientSampleId :
PB140012BL

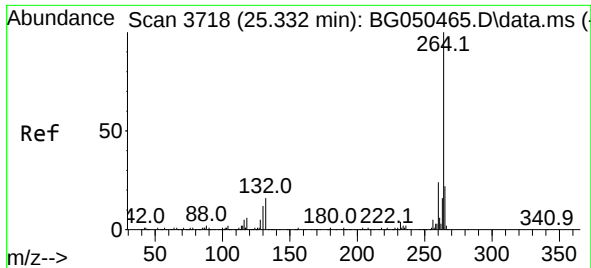
Tgt Ion:240 Resp: 222785
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.2#
236 27.7 21.8 32.6



#79
Terphenyl-d14
Concen: 85.812 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Tgt Ion:244 Resp: 980983
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 11.0 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG050691.D
Acq: 22 Oct 2021 15:55

Instrument :
BNA_G
ClientSampleId :
PB140012BL

Tgt Ion:264 Resp: 208891

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	23.2	16.9	25.3

